

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
 Data File : VD080317.D
 Acq On : 14 May 2025 12:25
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/15/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025

Quant Time: May 15 03:32:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.876	168	122311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	190669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	180076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	99603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	70263	44.423	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.840%		
35) Dibromofluoromethane	7.806	113	66257	51.847	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.700%		
50) Toluene-d8	10.270	98	259287	51.495	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.980%		
62) 4-Bromofluorobenzene	12.570	95	83786	51.843	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	53356	49.582	ug/l	99
3) Chloromethane	2.153	50	99551	47.083	ug/l	97
4) Vinyl Chloride	2.282	62	139030	43.724	ug/l	100
5) Bromomethane	2.688	94	95302	41.638	ug/l	99
6) Chloroethane	2.835	64	103509	46.041	ug/l	94
7) Trichlorofluoromethane	3.171	101	123085	50.483	ug/l	98
8) Diethyl Ether	3.594	74	36321	48.260	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.959	101	75154	50.029	ug/l	99
10) Methyl Iodide	4.165	142	83443	54.490	ug/l	99
11) Tert butyl alcohol	5.070	59	21116	220.008	ug/l	99
12) 1,1-Dichloroethene	3.941	96	73509	49.635	ug/l	92
13) Acrolein	3.800	56	14663	86.829	ug/l	99
14) Allyl chloride	4.553	41	111408	47.831	ug/l	100
15) Acrylonitrile	5.259	53	86708	239.638	ug/l	99
16) Acetone	4.029	43	77842	322.964	ug/l	100
17) Carbon Disulfide	4.271	76	236209	45.930	ug/l	98
18) Methyl Acetate	4.565	43	43345	42.351	ug/l	97
19) Methyl tert-butyl Ether	5.318	73	174124	53.518	ug/l	99
20) Methylene Chloride	4.800	84	88943	52.874	ug/l	89
21) trans-1,2-Dichloroethene	5.312	96	82809	51.469	ug/l	98
22) Diisopropyl ether	6.217	45	247650	51.615	ug/l	98
23) Vinyl Acetate	6.159	43	723477	258.895	ug/l	98
24) 1,1-Dichloroethane	6.112	63	151012	50.017	ug/l	98
25) 2-Butanone	7.082	43	109254	251.047	ug/l	98
26) 2,2-Dichloropropane	7.076	77	128841	53.628	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	94485	53.005	ug/l	96
28) Bromochloromethane	7.423	49	58777	41.811	ug/l #	95
29) Tetrahydrofuran	7.447	42	70004	246.707	ug/l	99
30) Chloroform	7.600	83	157029	52.154	ug/l	98
31) Cyclohexane	7.876	56	124370	48.400	ug/l	96
32) 1,1,1-Trichloroethane	7.794	97	132391	53.896	ug/l	98
36) 1,1-Dichloropropene	8.006	75	110616	57.917	ug/l	97
37) Ethyl Acetate	7.170	43	51554	51.620	ug/l	98
38) Carbon Tetrachloride	7.994	117	115458	57.966	ug/l	93
39) Methylcyclohexane	9.270	83	129696	58.521	ug/l	95
40) Benzene	8.253	78	332854	55.621	ug/l	99

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Quant Time: May 15 03:32:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
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Manual Integrations
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Reviewed By :Mahesh Dadoda 05/15/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	26506	47.959	ug/l	96
42) 1,2-Dichloroethane	8.329	62	94135	54.285	ug/l	100
43) Isopropyl Acetate	8.364	43	93437	51.594	ug/l #	86
44) Trichloroethene	9.029	130	79582	57.288	ug/l	92
45) 1,2-Dichloropropane	9.306	63	87507	57.016	ug/l	96
46) Dibromomethane	9.394	93	48130	57.598	ug/l	95
47) Bromodichloromethane	9.582	83	119153	56.179	ug/l #	95
48) Methyl methacrylate	9.382	41	47370	55.050	ug/l	95
49) 1,4-Dioxane	9.382	88	11027	1109.933	ug/l	97
51) 4-Methyl-2-Pentanone	10.158	43	254880	273.148	ug/l	97
52) Toluene	10.335	92	212721	59.003	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	107644	55.672	ug/l	91
54) cis-1,3-Dichloropropene	10.017	75	129329	57.720	ug/l	98
55) 1,1,2-Trichloroethane	10.735	97	63444	57.398	ug/l	96
56) Ethyl methacrylate	10.600	69	78031	58.259	ug/l	97
57) 1,3-Dichloropropane	10.876	76	106537	57.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	141807	258.709	ug/l	98
59) 2-Hexanone	10.917	43	181558	282.846	ug/l	98
60) Dibromochloromethane	11.070	129	83105	59.995	ug/l	100
61) 1,2-Dibromoethane	11.176	107	58985	57.549	ug/l	99
64) Tetrachloroethene	10.811	164	70626	57.917	ug/l	97
65) Chlorobenzene	11.605	112	225083	55.357	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.676	131	79213	56.704	ug/l	99
67) Ethyl Benzene	11.682	91	401088	59.028	ug/l	98
68) m/p-Xylenes	11.794	106	321783	121.965	ug/l	99
69) o-Xylene	12.117	106	142913	59.279	ug/l	97
70) Styrene	12.135	104	260369	60.144	ug/l	99
71) Bromoform	12.300	173	48273	58.163	ug/l #	98
73) Isopropylbenzene	12.417	105	378914	58.646	ug/l	99
74) N-amyl acetate	12.235	43	95686	51.600	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	74716	52.586	ug/l	97
76) 1,2,3-Trichloropropane	12.723	75	45245m	47.066	ug/l	
77) Bromobenzene	12.700	156	94867	56.606	ug/l	99
78) n-propylbenzene	12.758	91	490275	60.467	ug/l	99
79) 2-Chlorotoluene	12.847	91	272365	57.750	ug/l	100
80) 1,3,5-Trimethylbenzene	12.905	105	329924	59.869	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.470	75	28263	55.808	ug/l	99
82) 4-Chlorotoluene	12.947	91	291672	57.292	ug/l	99
83) tert-Butylbenzene	13.164	119	274878	59.774	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	341142	60.503	ug/l	99
85) sec-Butylbenzene	13.341	105	427296	60.255	ug/l	99
86) p-Isopropyltoluene	13.458	119	370143	62.104	ug/l	98
87) 1,3-Dichlorobenzene	13.458	146	197930	56.630	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	193018	54.780	ug/l	99
89) n-Butylbenzene	13.782	91	349141	60.346	ug/l	99
90) Hexachloroethane	14.052	117	73074	55.413	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	172501	56.816	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	11927	52.670	ug/l	95
93) 1,2,4-Trichlorobenzene	15.093	180	108609	56.881	ug/l	99
94) Hexachlorobutadiene	15.199	225	57347	57.730	ug/l	99
95) Naphthalene	15.329	128	197842	55.182	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	95576	55.967	ug/l	99

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MSVOA_D
ClientSampleId :
VSTDCCC050

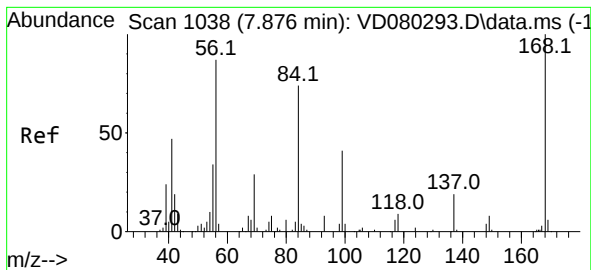
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

Quant Time: May 15 03:32:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 12231

Ion Ratio Lower Upper

168 100

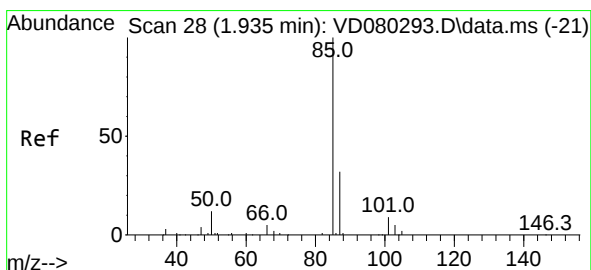
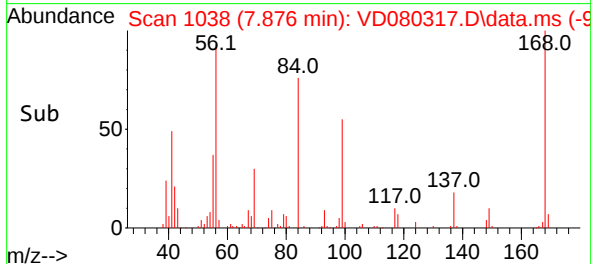
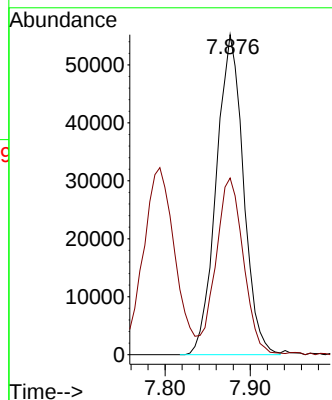
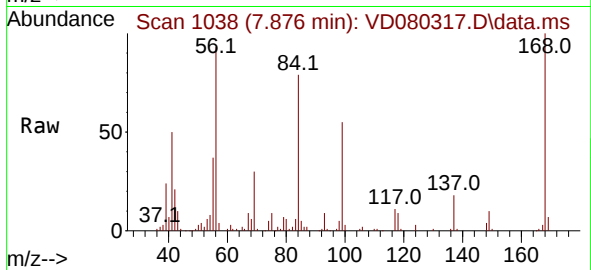
99 54.7 46.0 69.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/15/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#2

Dichlorodifluoromethane

Concen: 49.582 ug/l

RT: 1.935 min Scan# 28

Delta R.T. 0.001 min

Lab File: VD080317.D

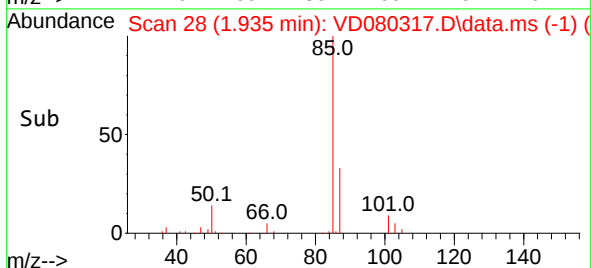
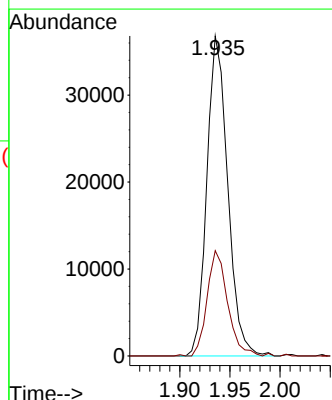
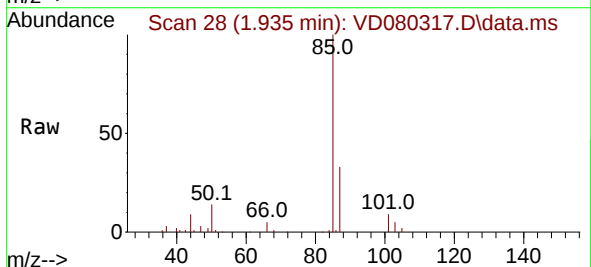
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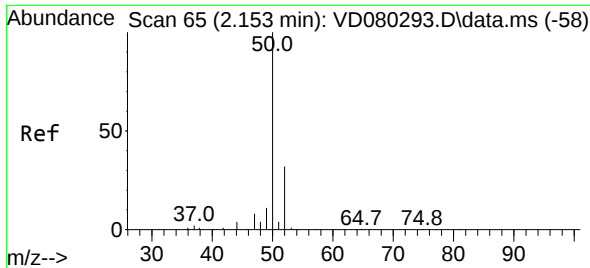
Tgt Ion: 85 Resp: 53356

Ion Ratio Lower Upper

85 100

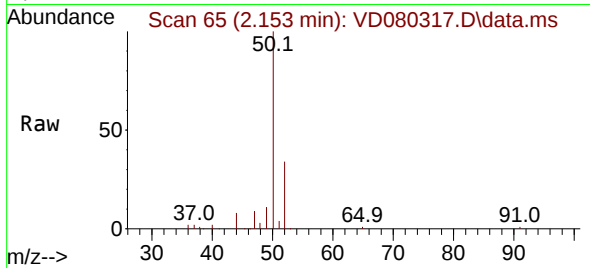
87 32.9 16.1 48.2





#3
Chloromethane
Concen: 47.083 ug/l
RT: 2.153 min Scan# 65
Delta R.T. 0.007 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

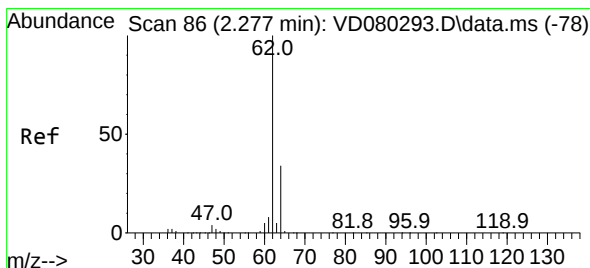
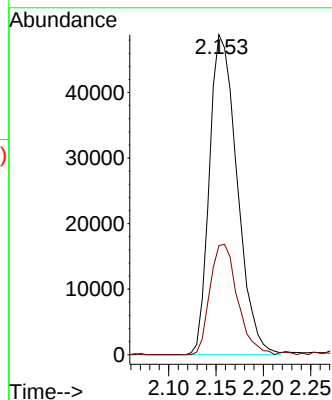
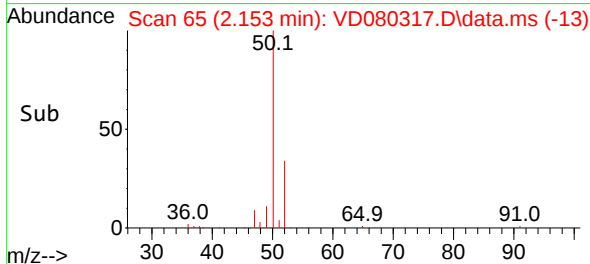
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



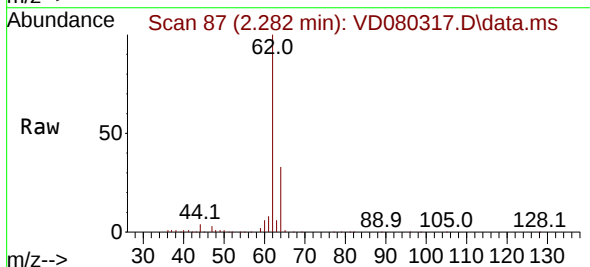
Tgt Ion: 50 Resp: 9955
Ion Ratio Lower Upper
50 100
52 34.1 28.8 43.2

Manual Integrations
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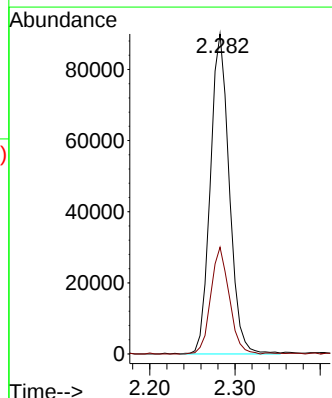
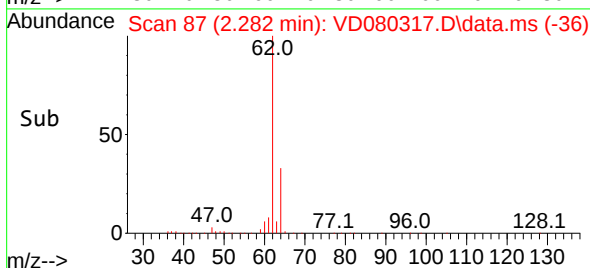
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

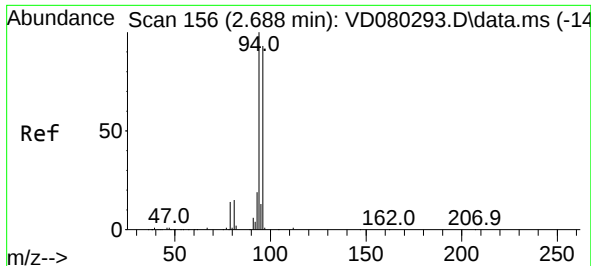


#4
Vinyl Chloride
Concen: 43.724 ug/l
RT: 2.282 min Scan# 87
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



Tgt Ion: 62 Resp: 139030
Ion Ratio Lower Upper
62 100
64 33.4 26.5 39.7





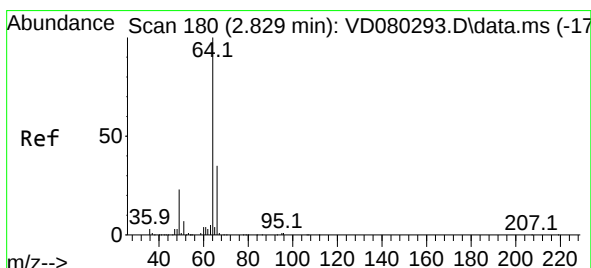
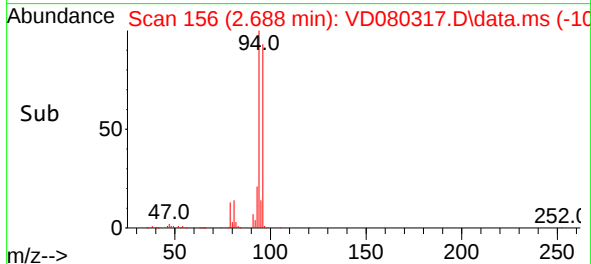
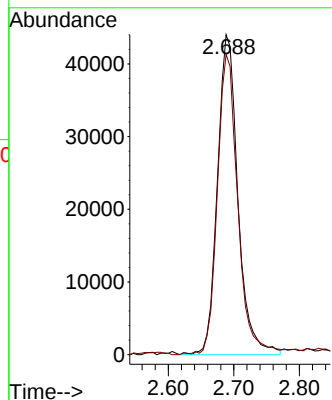
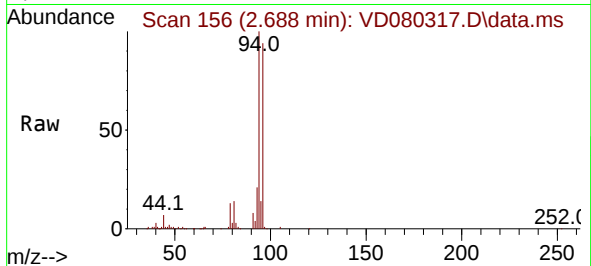
#5
Bromomethane
Concen: 41.638 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 95302
Ion Ratio Lower Upper
94 100
96 93.9 76.2 114.2

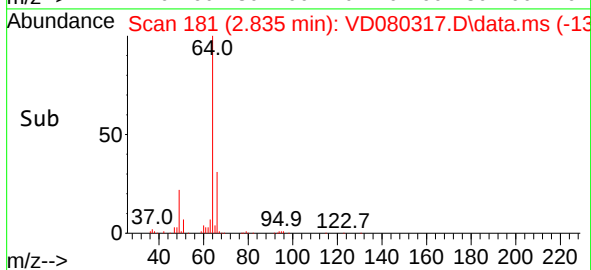
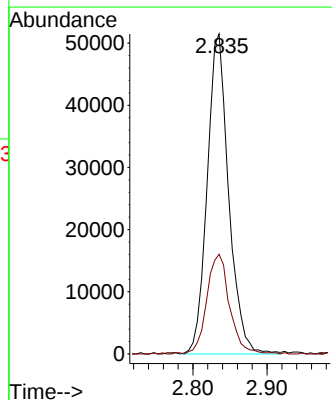
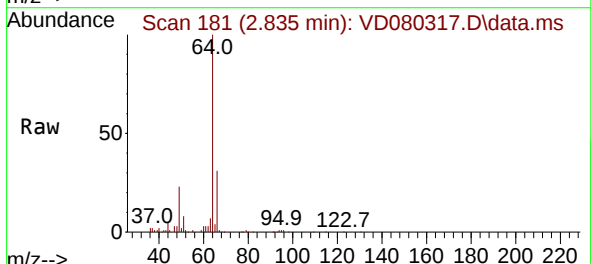
Manual Integrations
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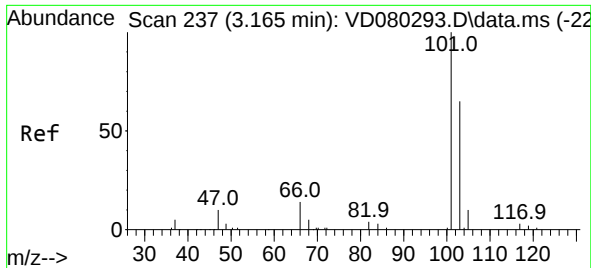
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#6
Chloroethane
Concen: 46.041 ug/l
RT: 2.835 min Scan# 181
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 64 Resp: 103509
Ion Ratio Lower Upper
64 100
66 31.1 27.6 41.4





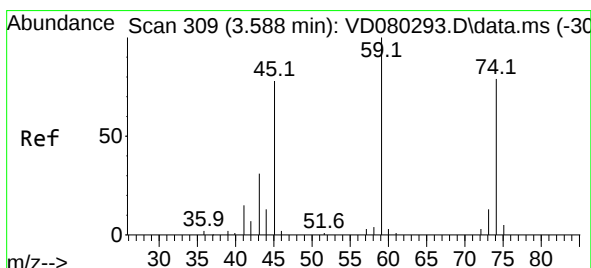
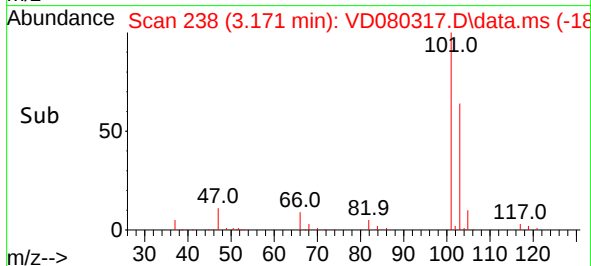
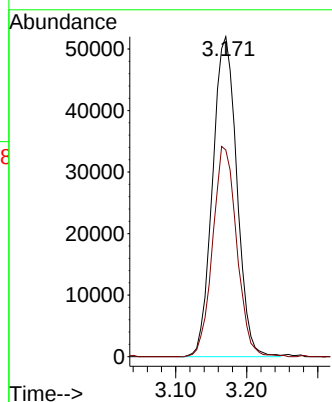
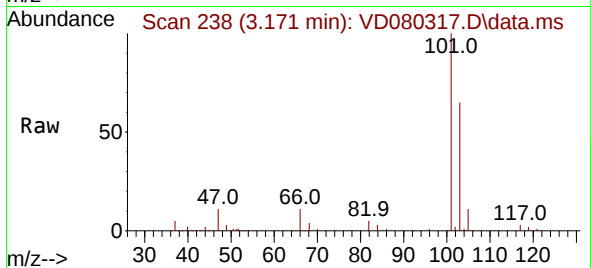
#7
Trichlorofluoromethane
Concen: 50.483 ug/l
RT: 3.171 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 123085
Ion Ratio Lower Upper
101 100
103 64.6 53.0 79.6

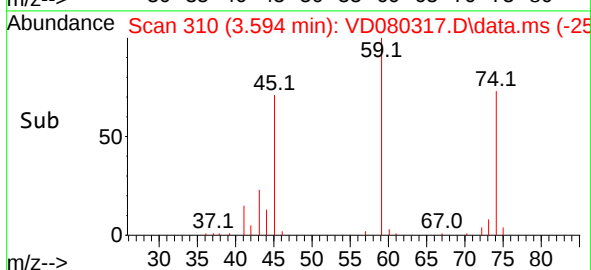
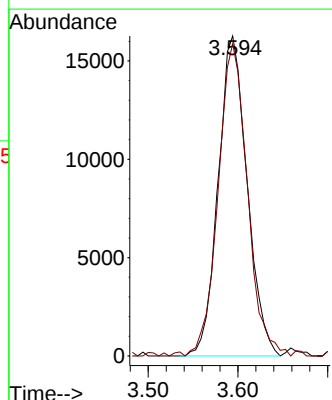
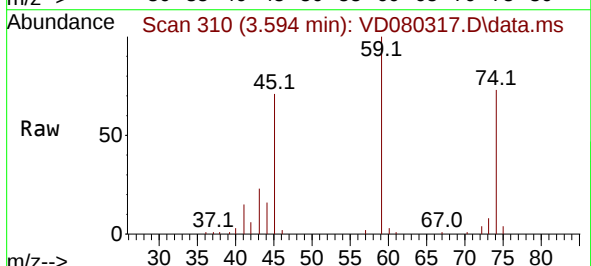
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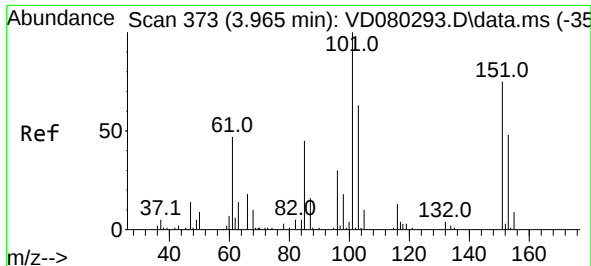
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#8
Diethyl Ether
Concen: 48.260 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 74 Resp: 36321
Ion Ratio Lower Upper
74 100
45 99.2 47.8 143.3





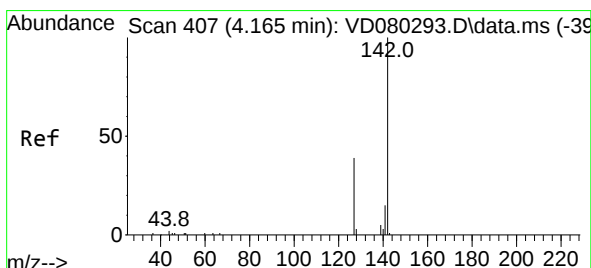
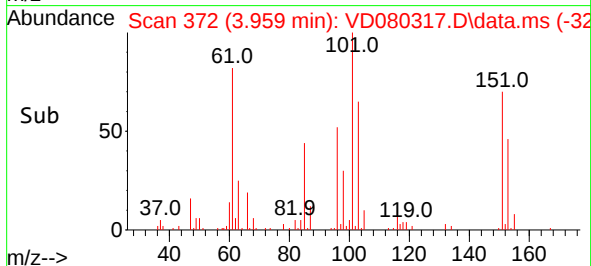
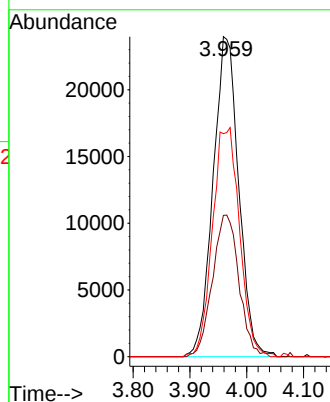
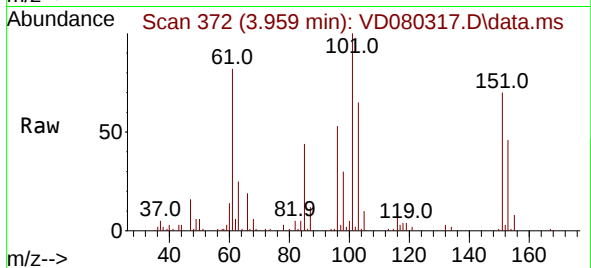
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.029 ug/l
RT: 3.959 min Scan# 31
Delta R.T. -0.011 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 75154
Ion Ratio Lower Upper
101 100
85 45.9 35.3 52.9
151 75.3 60.3 90.5

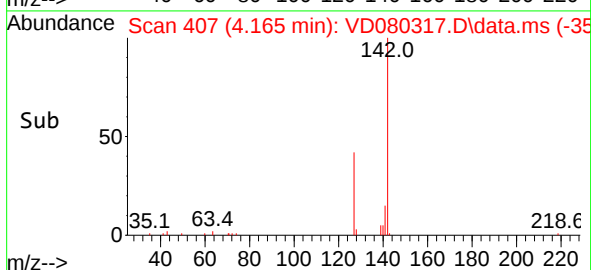
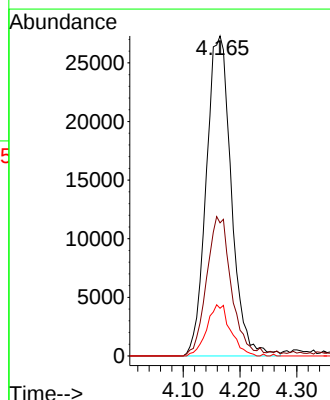
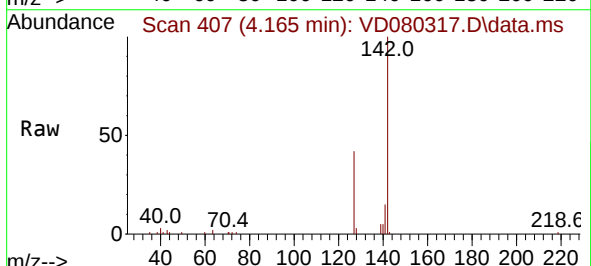
Manual Integrations
APPROVED

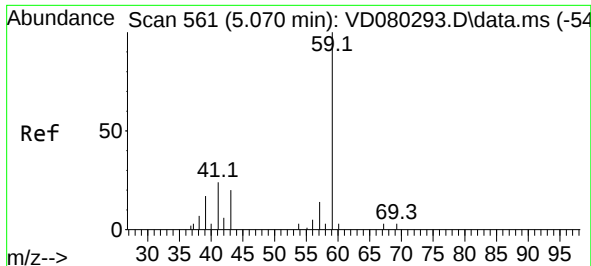
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#10
Methyl Iodide
Concen: 54.490 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

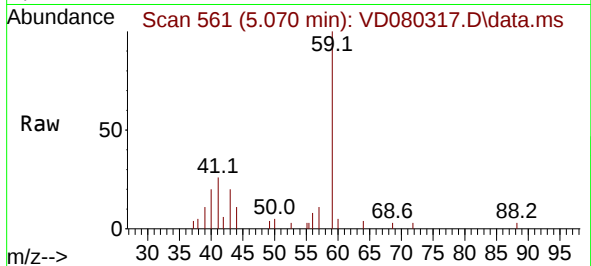
Tgt Ion:142 Resp: 83443
Ion Ratio Lower Upper
142 100
127 43.4 35.3 52.9
141 15.2 12.2 18.2





#11
Tert butyl alcohol
Concen: 220.008 ug/l
RT: 5.070 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

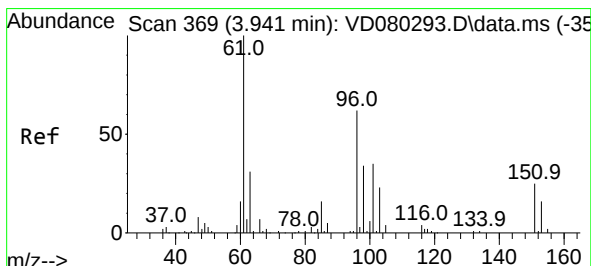
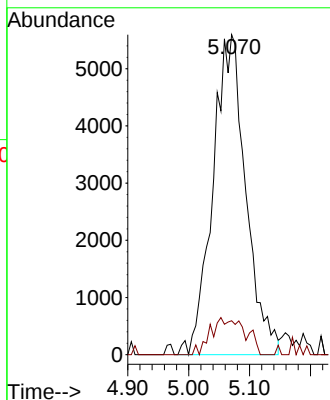
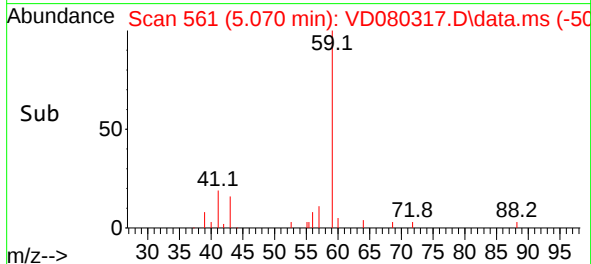
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



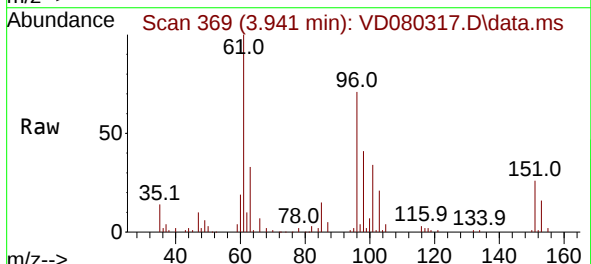
Tgt Ion: 59 Resp: 21110
Ion Ratio Lower Upper
59 100
57 6.3 4.8 7.2

Manual Integrations
APPROVED

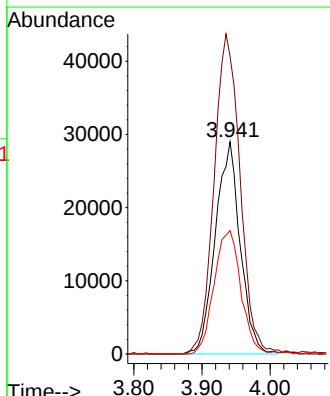
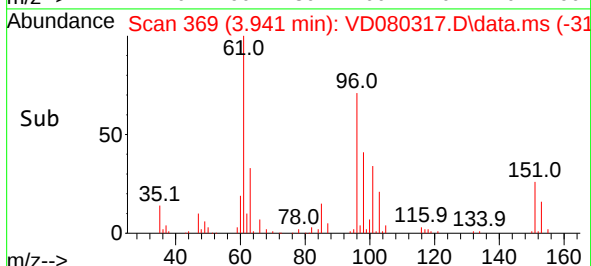
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

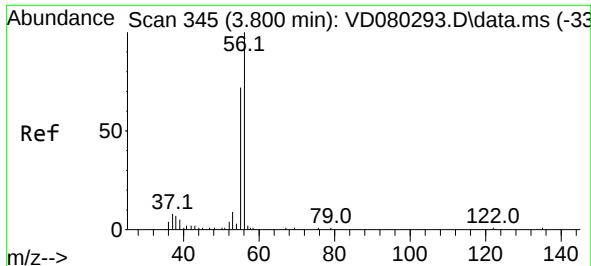


#12
1,1-Dichloroethene
Concen: 49.635 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



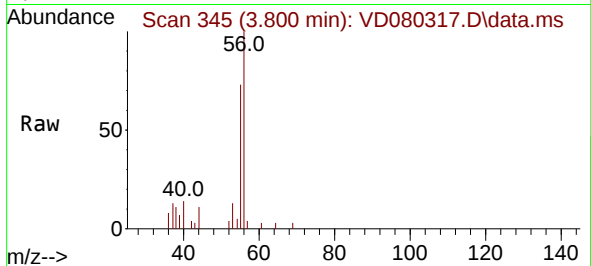
Tgt Ion: 96 Resp: 73509
Ion Ratio Lower Upper
96 100
61 140.4 122.6 184.0
98 58.2 47.1 70.7





#13
Acrolein
Concen: 86.829 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.007 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

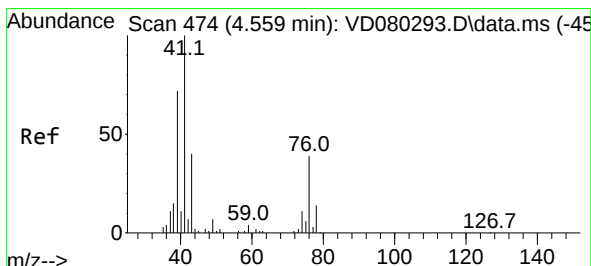
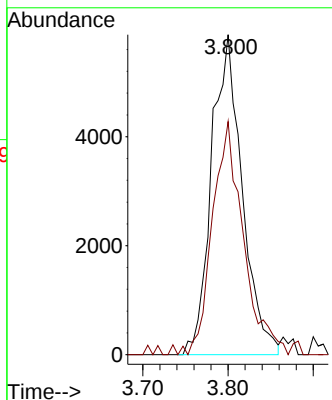
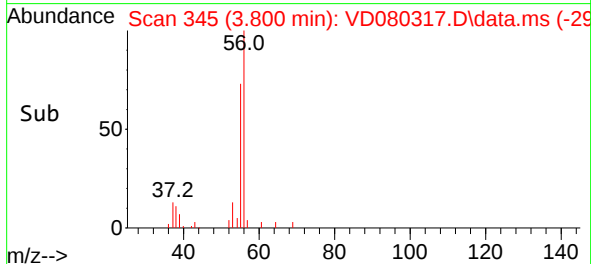
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



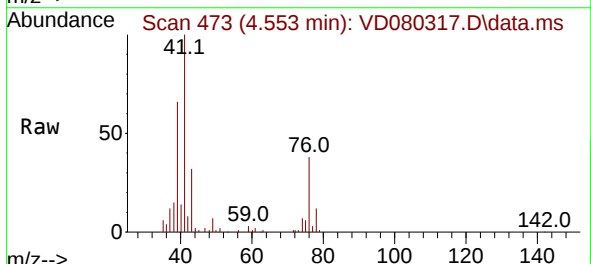
Tgt Ion: 56 Resp: 1466
Ion Ratio Lower Upper
56 100
55 73.5 58.2 87.2

Manual Integrations
APPROVED

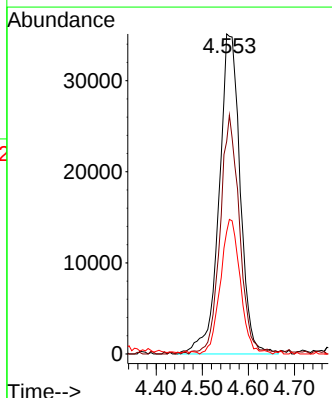
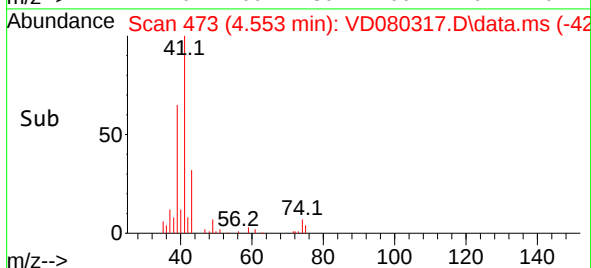
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

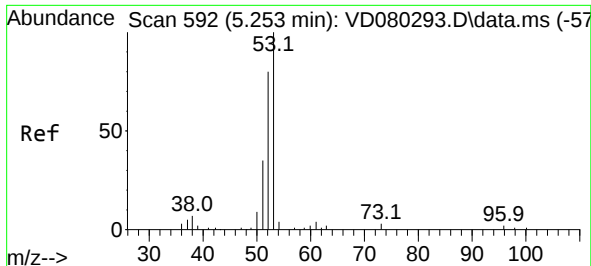


#14
Allyl chloride
Concen: 47.831 ug/l
RT: 4.553 min Scan# 473
Delta R.T. -0.011 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



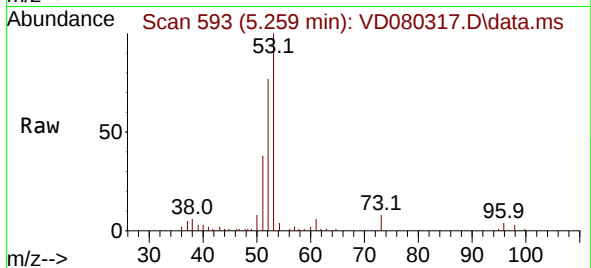
Tgt Ion: 41 Resp: 111408
Ion Ratio Lower Upper
41 100
39 66.6 53.3 79.9
76 39.6 32.0 48.0





#15
Acrylonitrile
Concen: 239.638 ug/l
RT: 5.259 min Scan# 592
Delta R.T. 0.007 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

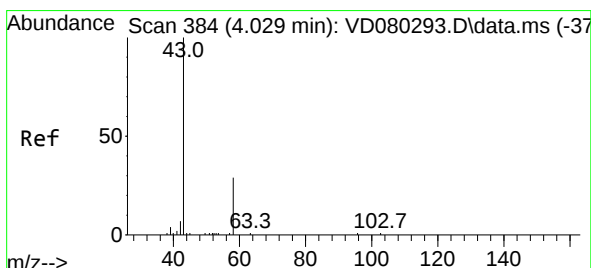
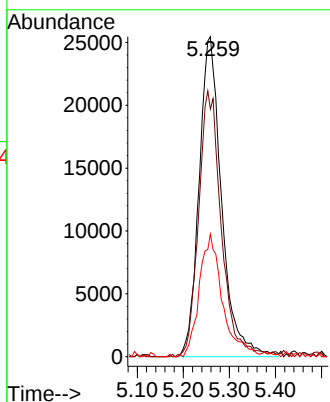
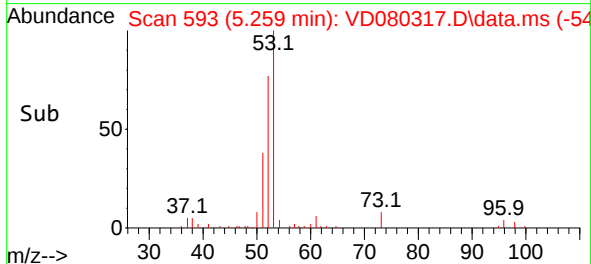
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 86708
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.4
51 39.1 30.3 45.5

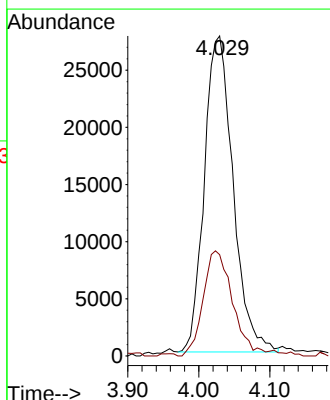
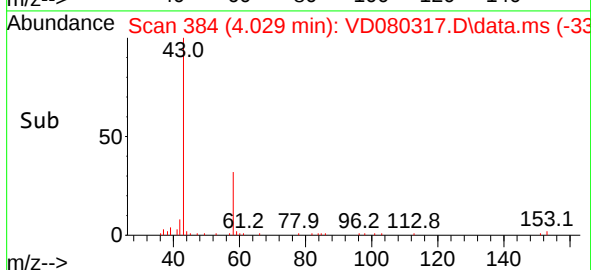
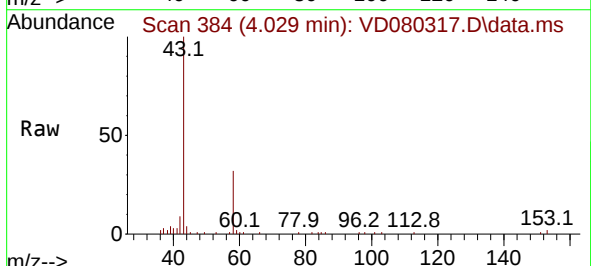
Manual Integrations
APPROVED

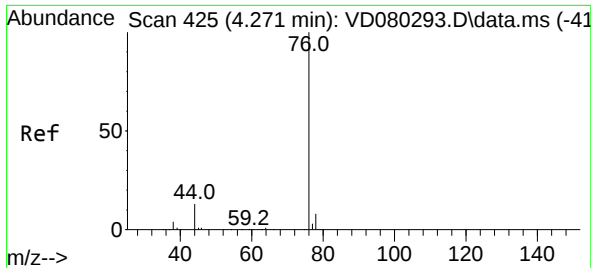
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#16
Acetone
Concen: 322.964 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

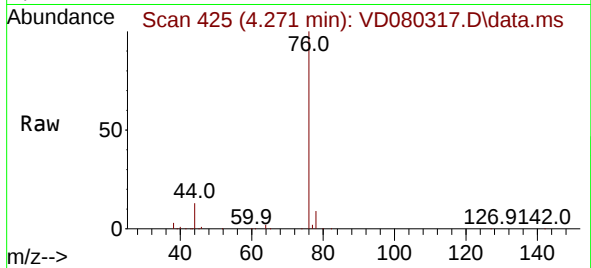
Tgt Ion: 43 Resp: 77842
Ion Ratio Lower Upper
43 100
58 32.0 25.4 38.2





#17
Carbon Disulfide
Concen: 45.930 ug/l
RT: 4.271 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

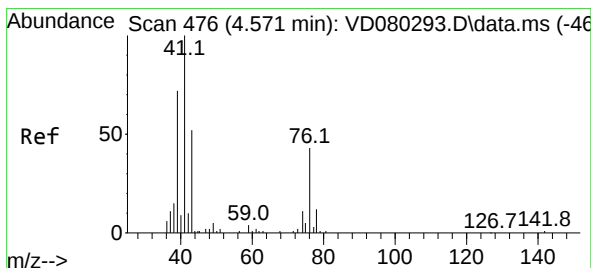
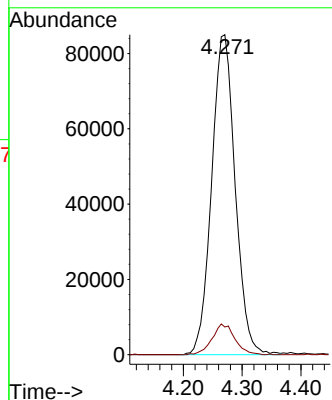
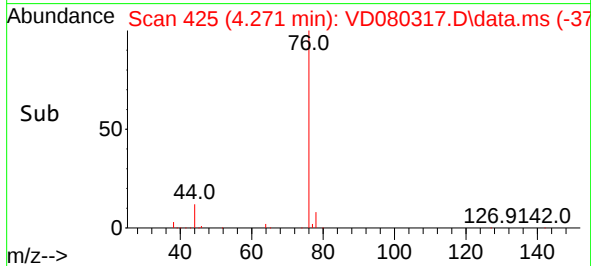
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 236209
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

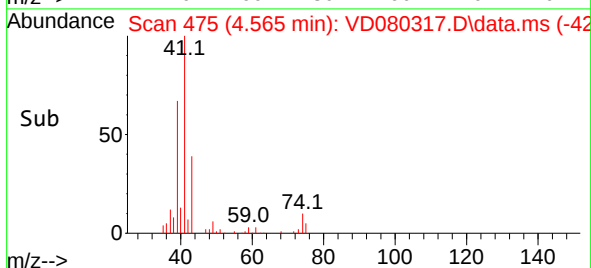
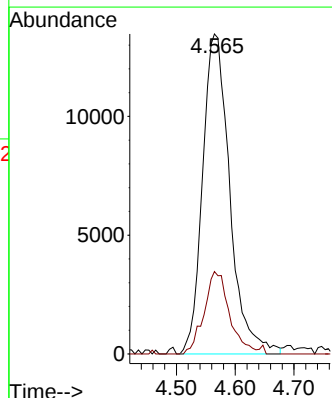
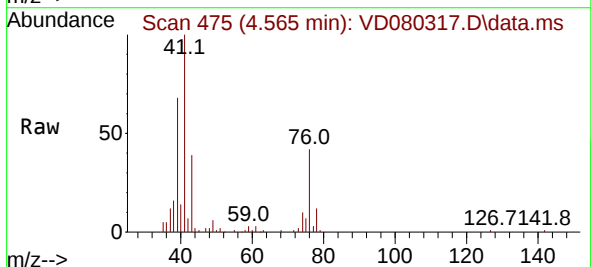
Manual Integrations
APPROVED

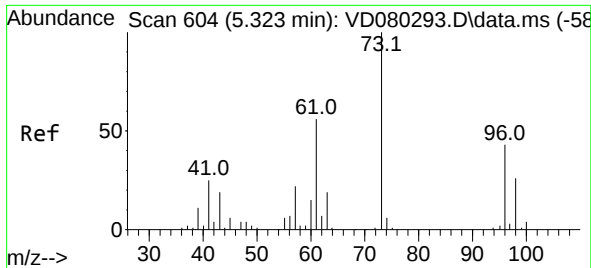
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#18
Methyl Acetate
Concen: 42.351 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

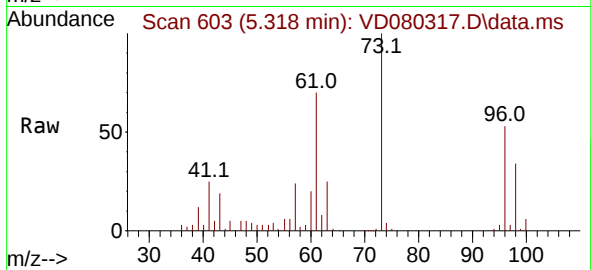
Tgt Ion: 43 Resp: 43345
Ion Ratio Lower Upper
43 100
74 24.0 20.5 30.7





#19
Methyl tert-butyl Ether
Concen: 53.518 ug/l
RT: 5.318 min Scan# 604
Delta R.T. -0.004 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

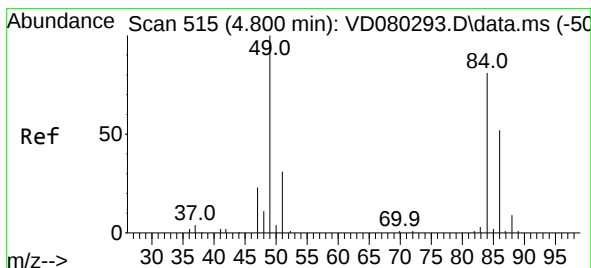
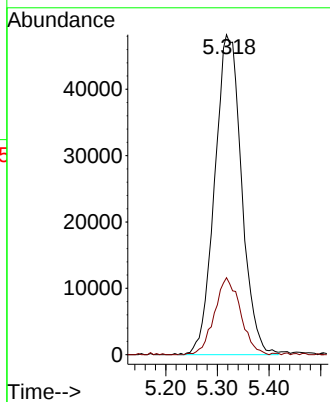
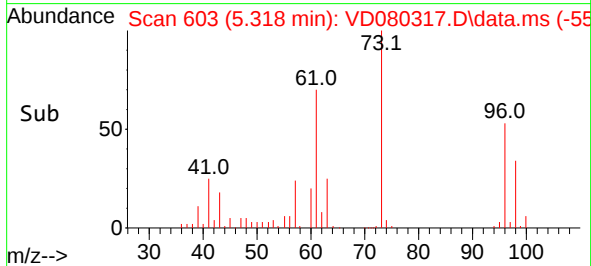
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 174124
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2

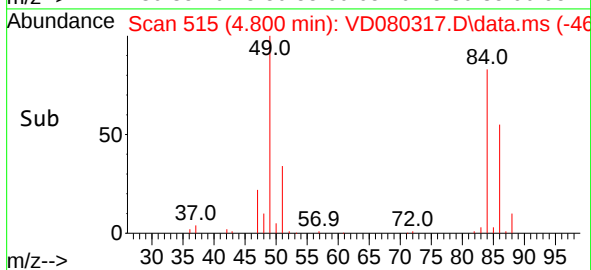
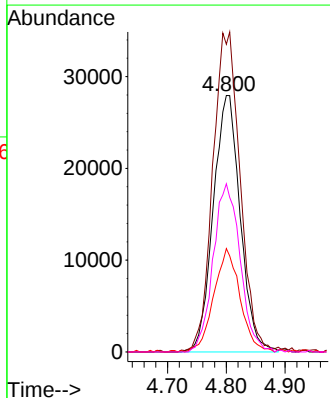
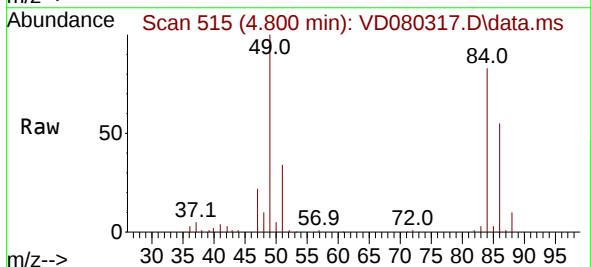
Manual Integrations
APPROVED

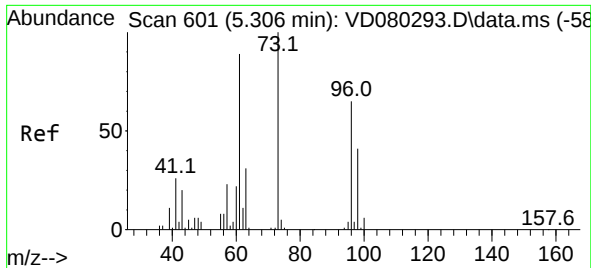
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#20
Methylene Chloride
Concen: 52.874 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

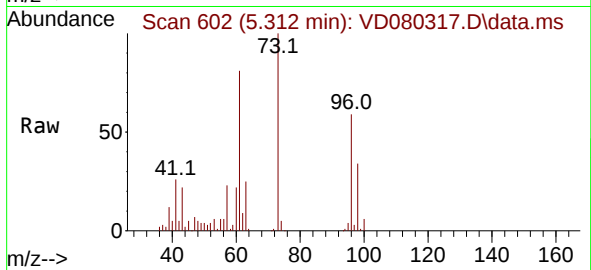
Tgt Ion: 84 Resp: 88943
Ion Ratio Lower Upper
84 100
49 120.0 86.5 129.7
51 40.3 26.9 40.3
86 65.6 47.2 70.8





#21
trans-1,2-Dichloroethene
Concen: 51.469 ug/l
RT: 5.312 min Scan# 601
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

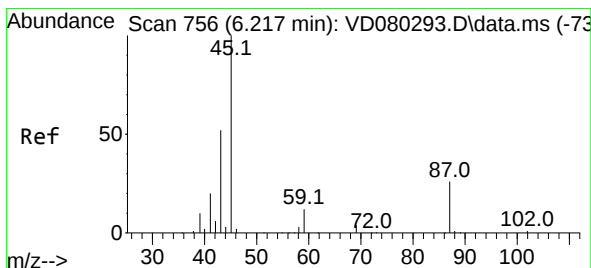
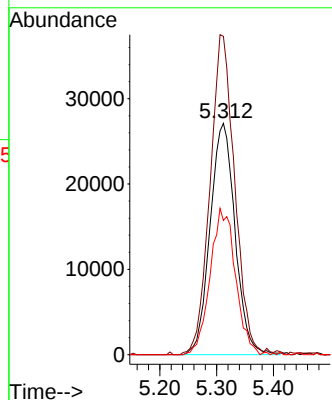
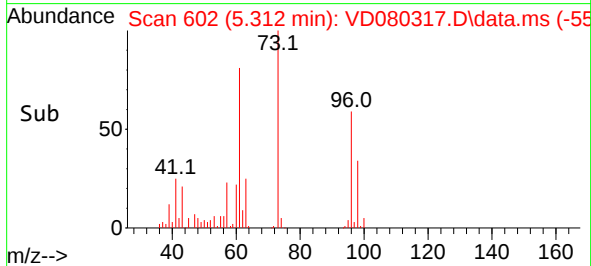
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 82809
Ion Ratio Lower Upper
96 100
61 137.6 109.4 164.0
98 58.0 49.8 74.8

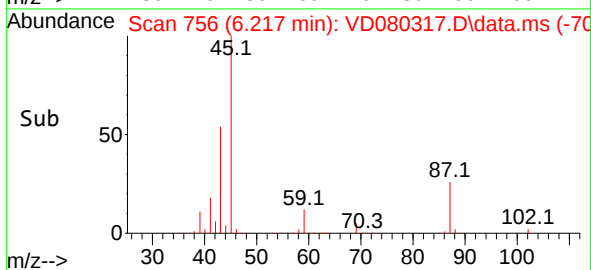
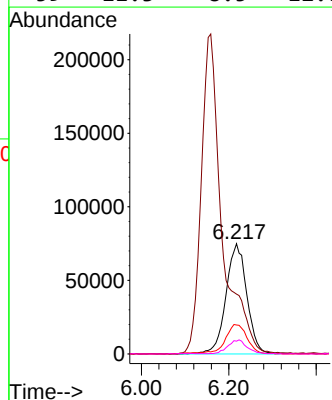
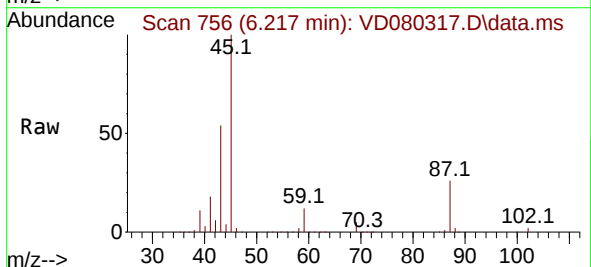
Manual Integrations
APPROVED

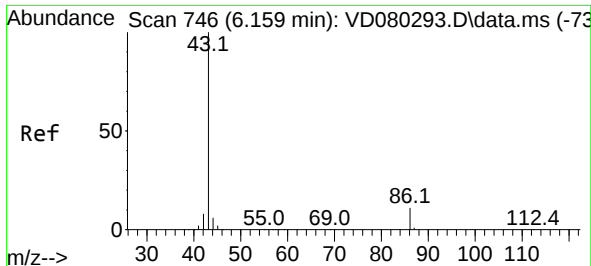
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#22
Diisopropyl ether
Concen: 51.615 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

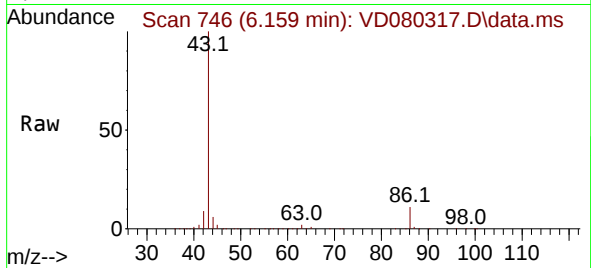
Tgt Ion: 45 Resp: 247650
Ion Ratio Lower Upper
45 100
43 53.6 42.6 63.8
87 26.0 22.7 34.1
59 11.3 8.5 12.7





#23
 Vinyl Acetate
 Concen: 258.895 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

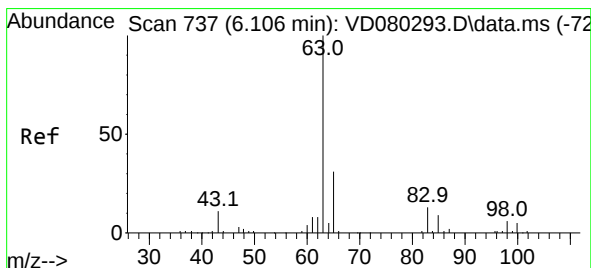
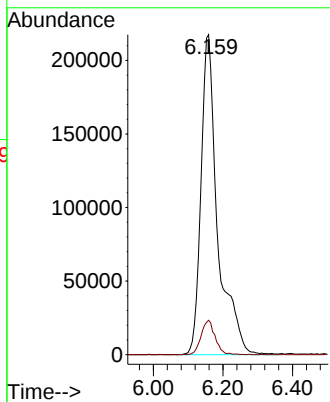
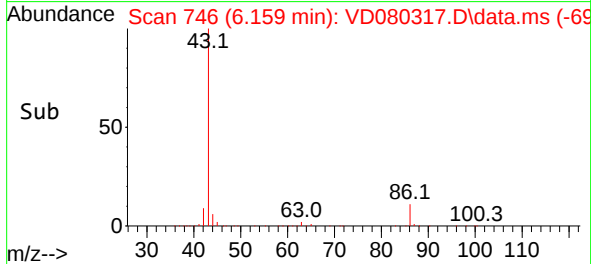
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



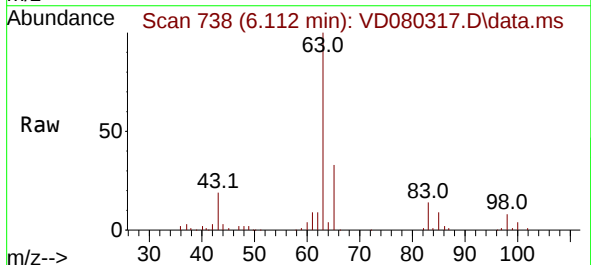
Tgt Ion: 43 Resp: 72347
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.4 14.0

Manual Integrations
 APPROVED

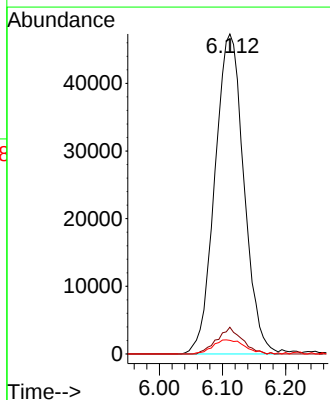
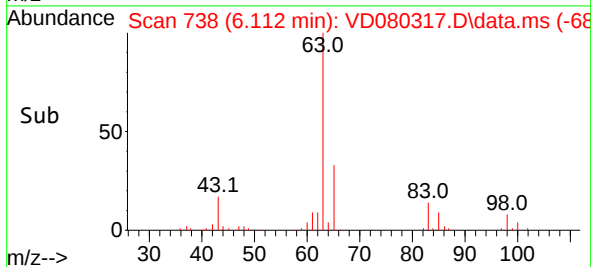
Reviewed By :Mahesh Dadoda 05/15/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025

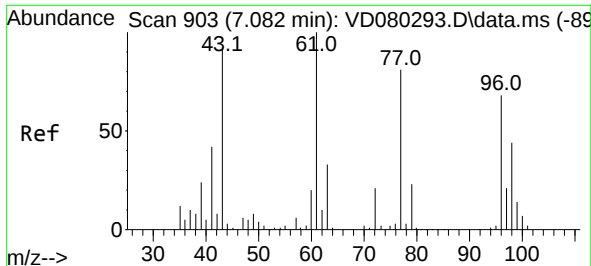


#24
 1,1-Dichloroethane
 Concen: 50.017 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. -0.005 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25



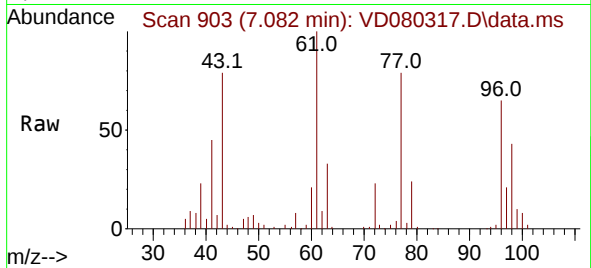
Tgt Ion: 63 Resp: 151012
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.6
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 251.047 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

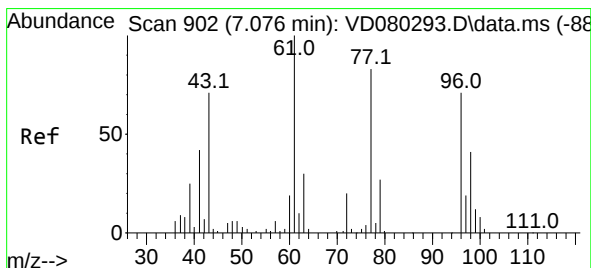
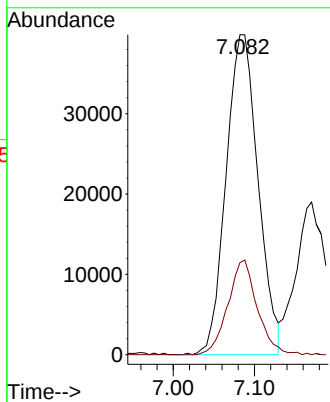
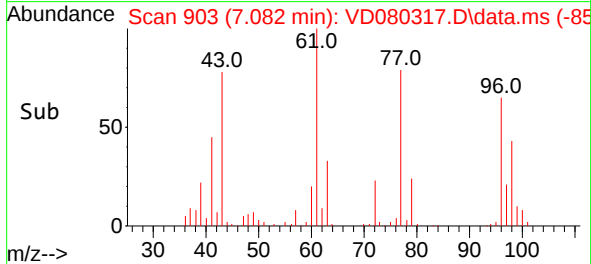
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



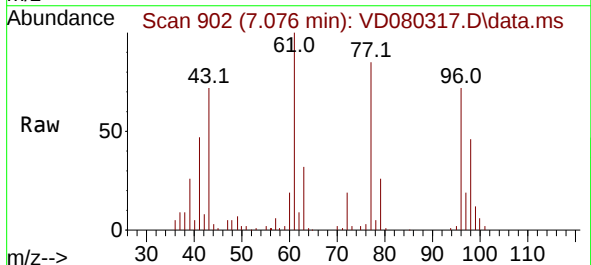
Tgt Ion: 43 Resp: 109254
Ion Ratio Lower Upper
43 100
72 28.8 22.3 33.5

Manual Integrations
APPROVED

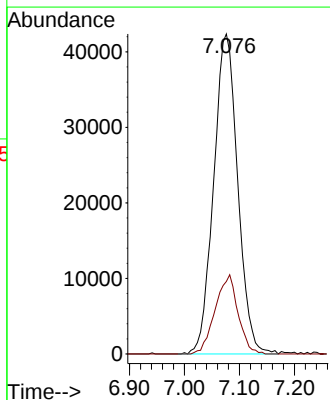
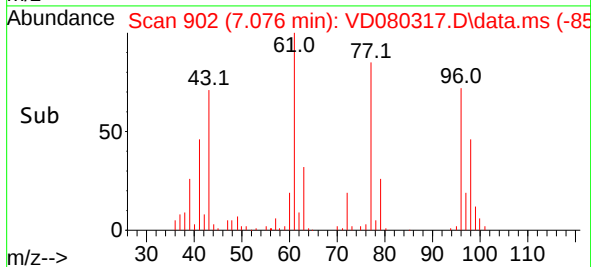
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

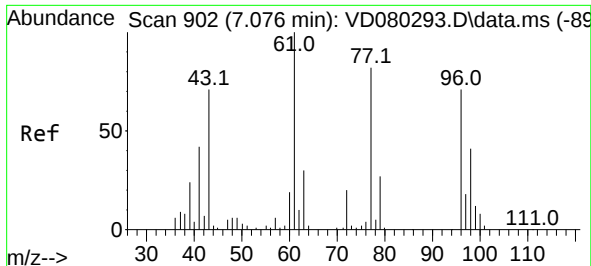


#26
2,2-Dichloropropane
Concen: 53.628 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



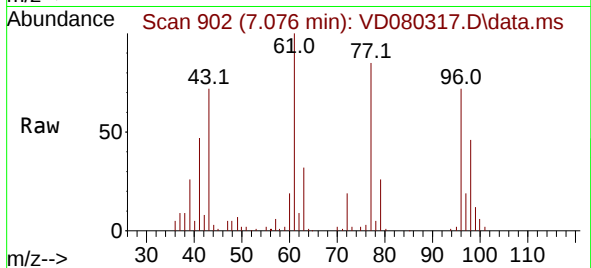
Tgt Ion: 77 Resp: 128841
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.9





#27
 cis-1,2-Dichloroethene
 Concen: 53.005 ug/l
 RT: 7.076 min Scan# 902
 Delta R.T. -0.005 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

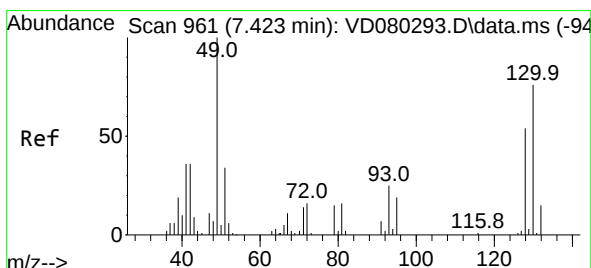
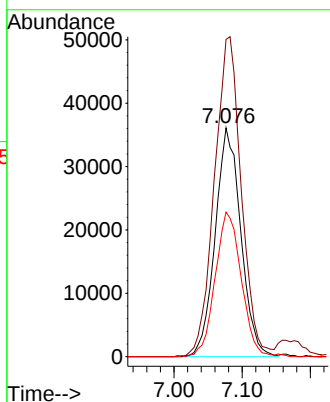
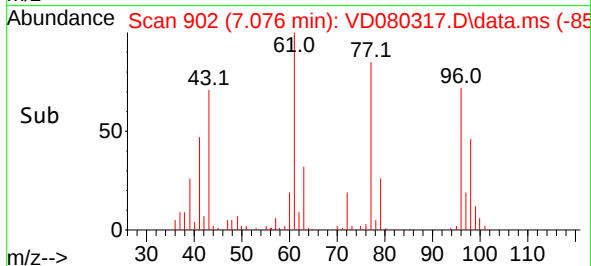
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 9448
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 278.2
 98 64.1 0.0 127.8

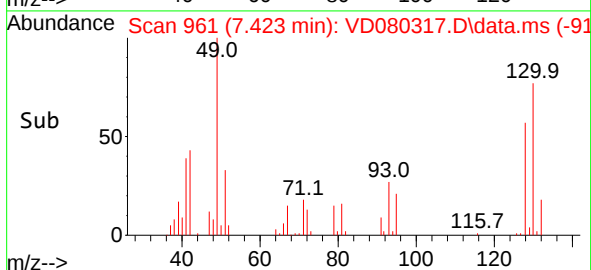
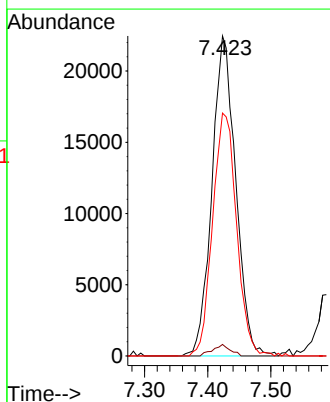
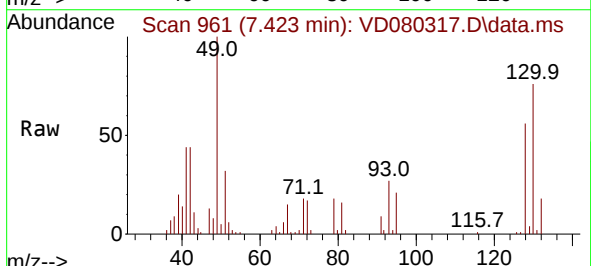
Manual Integrations
 APPROVED

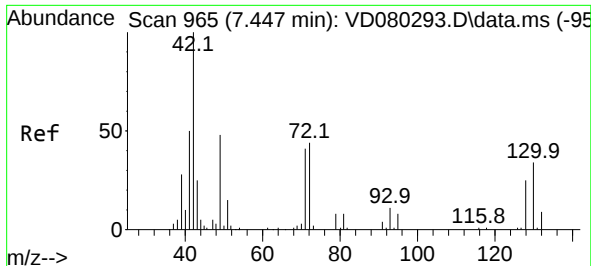
Reviewed By :Mahesh Dadoda 05/15/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025



#28
 Bromochloromethane
 Concen: 41.811 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.005 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

Tgt Ion: 49 Resp: 58777
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 2.2#
 130 76.4 64.6 97.0





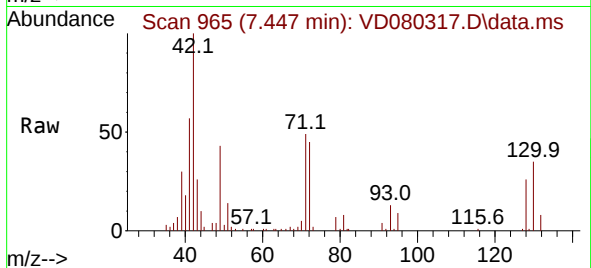
#29
Tetrahydrofuran
Concen: 246.707 ug/l
RT: 7.447 min Scan# 901
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

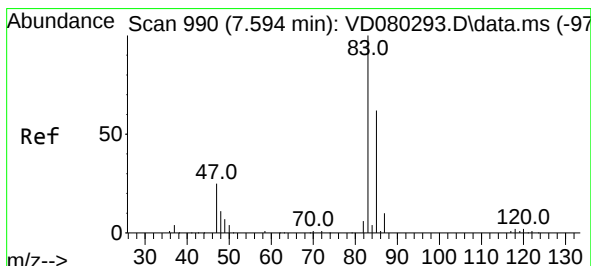
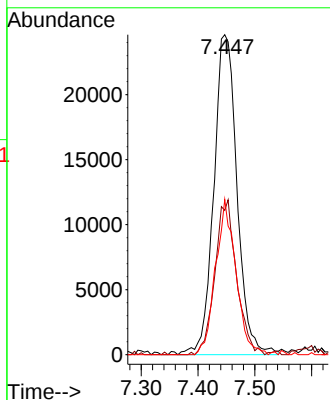
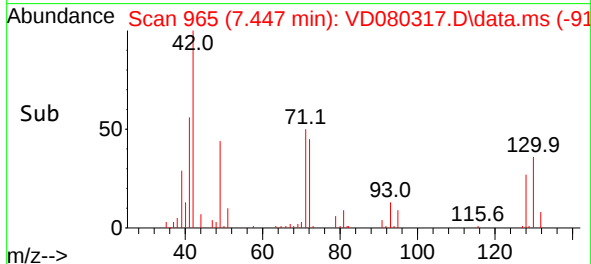


Tgt Ion: 42 Resp: 70004
Ion Ratio Lower Upper
42 100
72 44.9 36.7 55.1
71 42.5 34.4 51.6

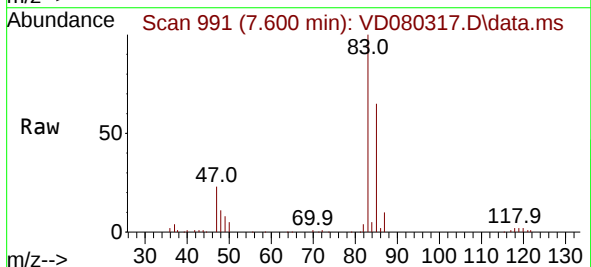
Manual Integrations

APPROVED

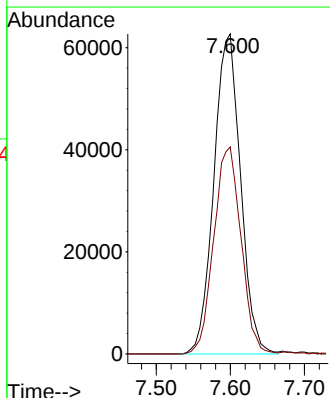
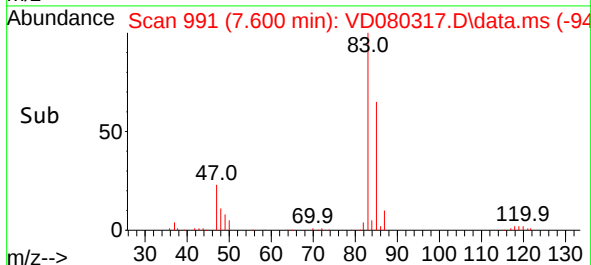
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

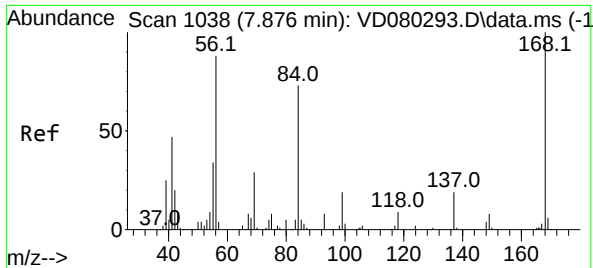


#30
Chloroform
Concen: 52.154 ug/l
RT: 7.600 min Scan# 991
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



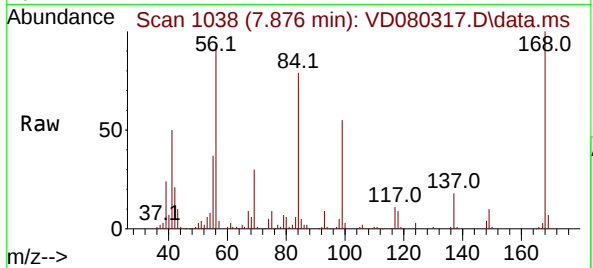
Tgt Ion: 83 Resp: 157029
Ion Ratio Lower Upper
83 100
85 64.7 50.8 76.2





#31
Cyclohexane
Concen: 48.400 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

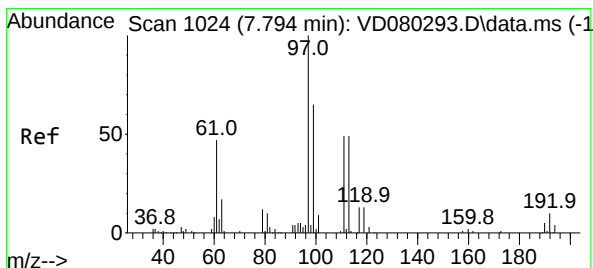
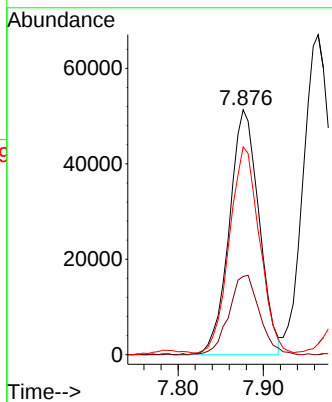
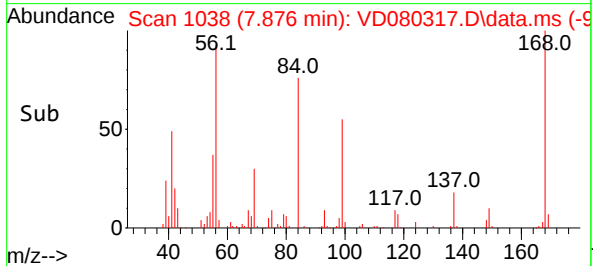
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



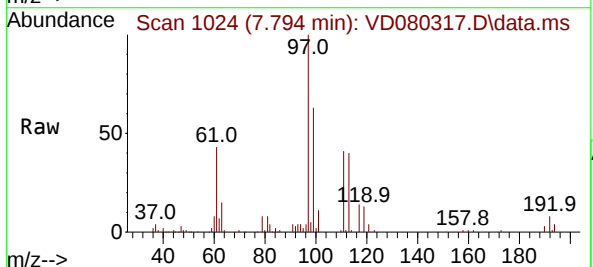
Tgt Ion: 56 Resp: 124370
Ion Ratio Lower Upper
56 100
69 31.5 27.3 40.9
84 83.7 70.2 105.4

Manual Integrations
APPROVED

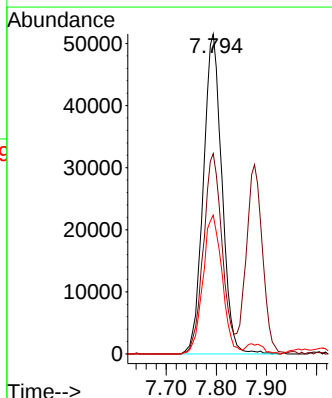
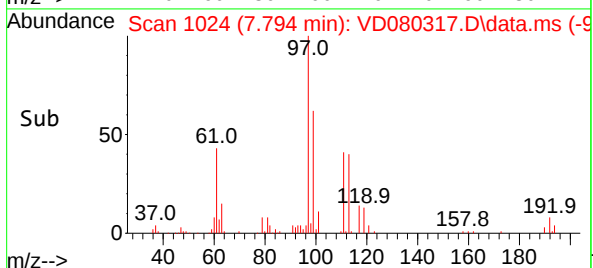
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

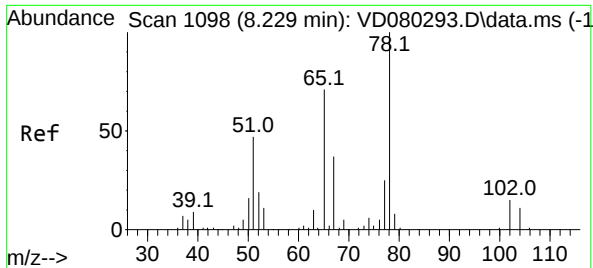


#32
1,1,1-Trichloroethane
Concen: 53.896 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



Tgt Ion: 97 Resp: 132391
Ion Ratio Lower Upper
97 100
99 63.0 50.7 76.1
61 45.0 34.2 51.2





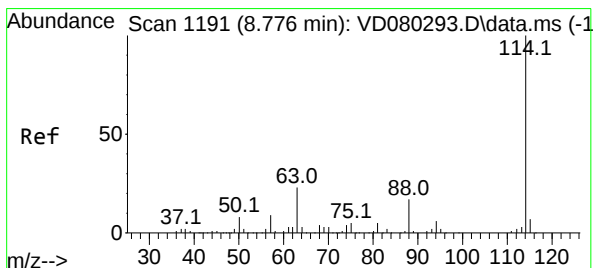
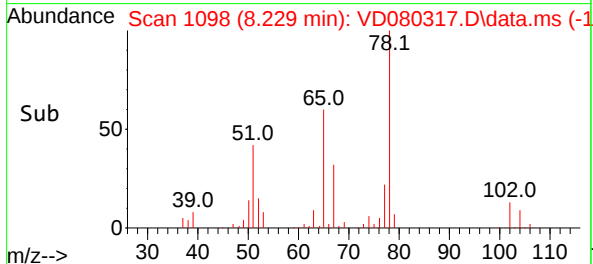
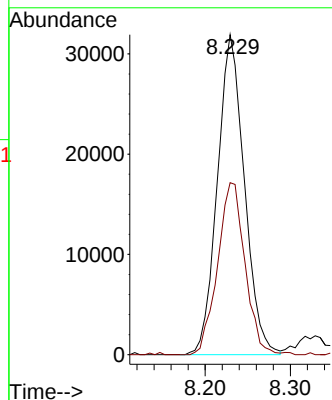
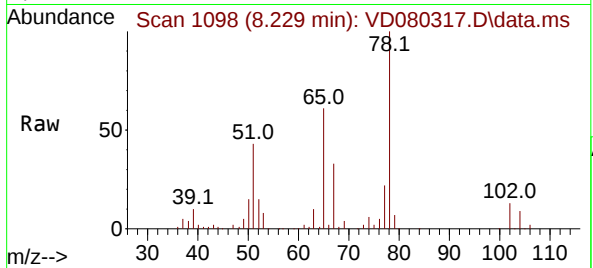
#33
1,2-Dichloroethane-d4
Concen: 44.423 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 7026
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.2

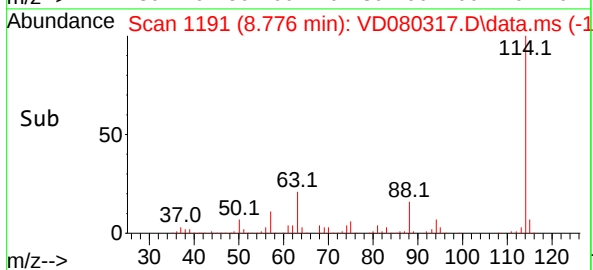
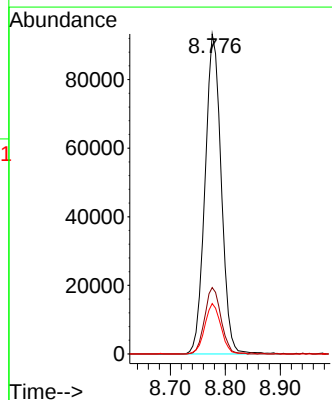
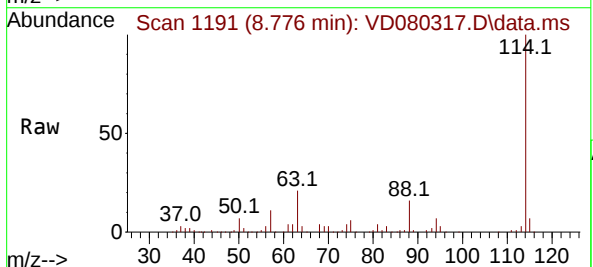
Manual Integrations
APPROVED

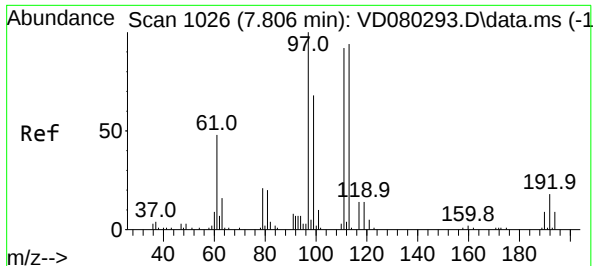
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.776 min Scan# 1191
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:114 Resp: 190669
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.8
88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.847 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

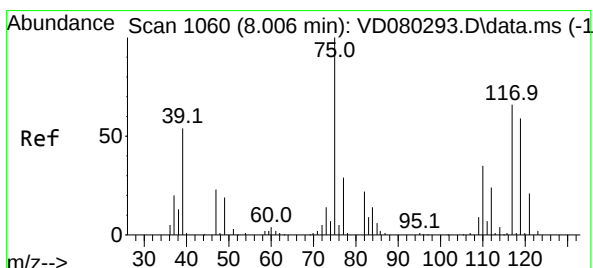
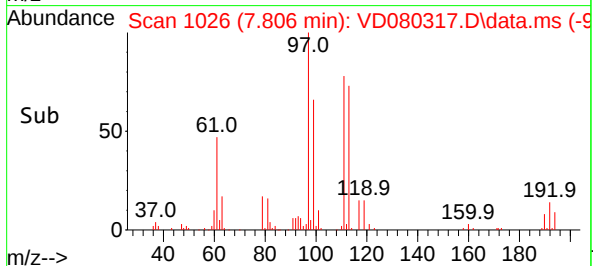
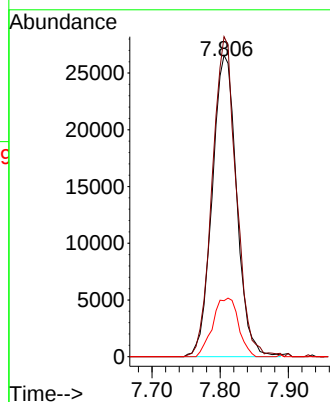
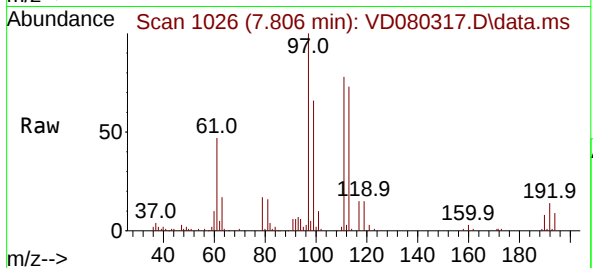
VSTDCCC050

Tgt Ion:	113	Resp:	6625
Ion Ratio	Lower	Upper	
113	100		
111	104.4	82.5	123.7
192	20.3	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#36

1,1-Dichloropropene

Concen: 57.917 ug/l

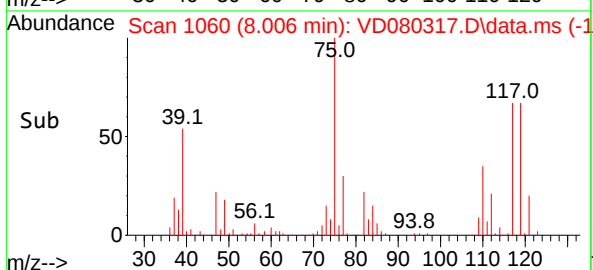
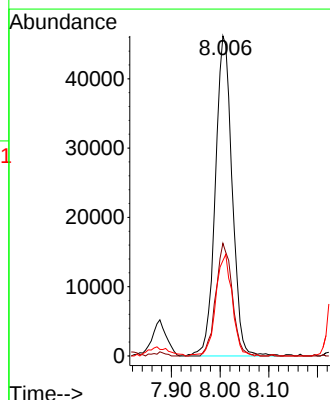
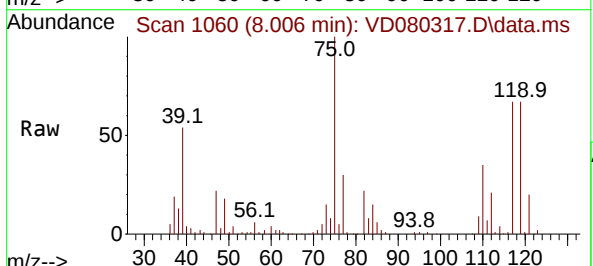
RT: 8.006 min Scan# 1060

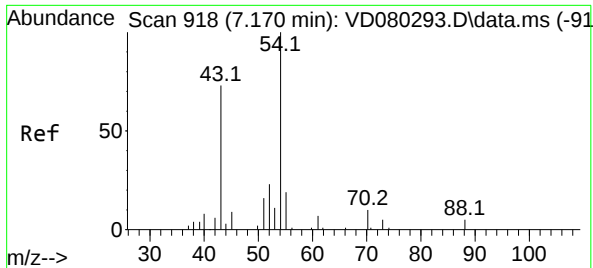
Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Tgt Ion:	75	Resp:	110616
Ion Ratio	Lower	Upper	
75	100		
110	34.6	18.4	55.0
77	31.2	25.6	38.4





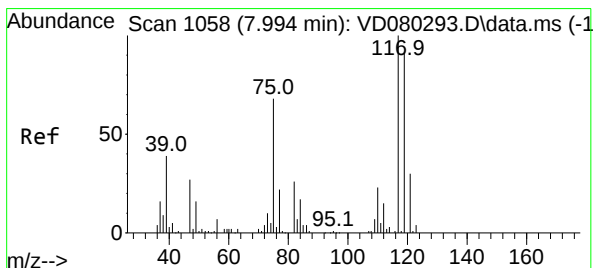
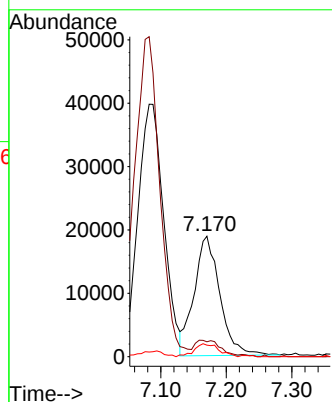
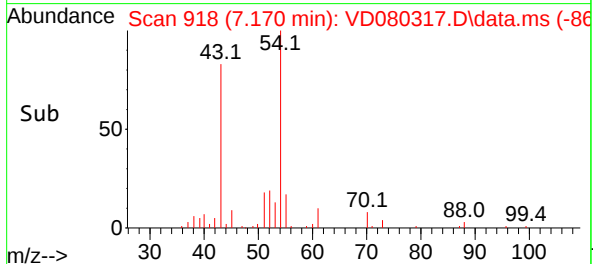
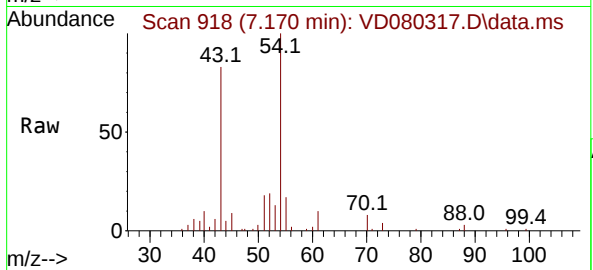
#37
Ethyl Acetate
Concen: 51.620 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 51554
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 10.3 9.4 14.2

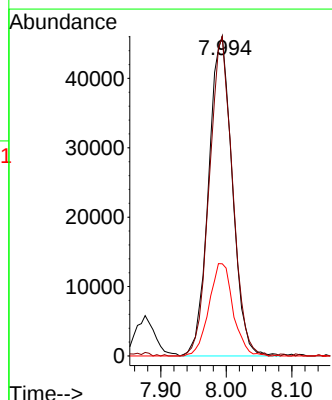
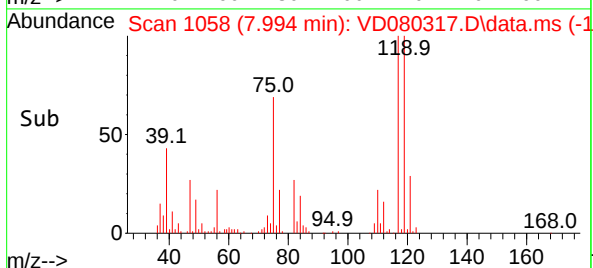
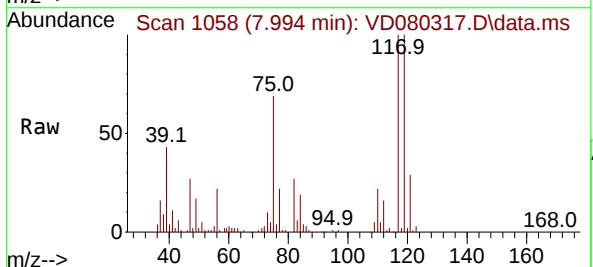
Manual Integrations
APPROVED

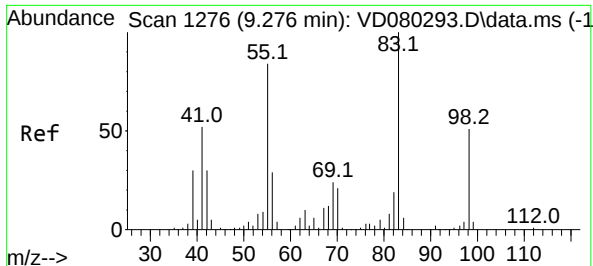
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#38
Carbon Tetrachloride
Concen: 57.966 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:117 Resp: 115458
Ion Ratio Lower Upper
117 100
119 99.8 73.4 110.0
121 28.8 24.5 36.7





#39

Methylcyclohexane

Concen: 58.521 ug/l

RT: 9.270 min Scan# 1102

Delta R.T. -0.005 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

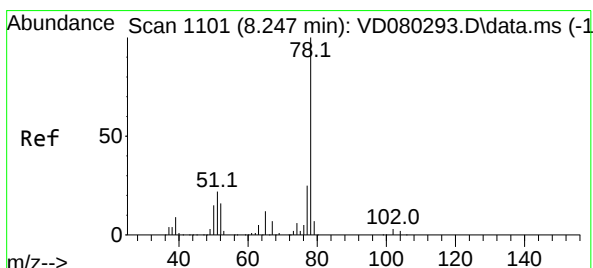
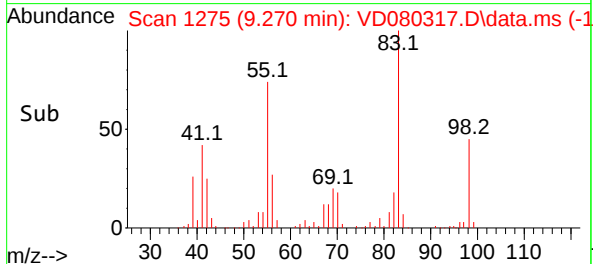
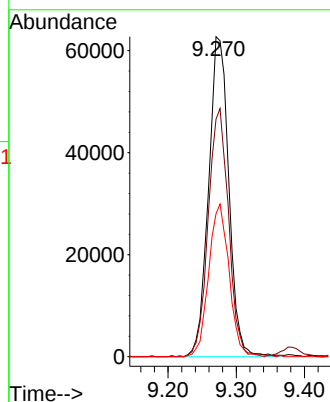
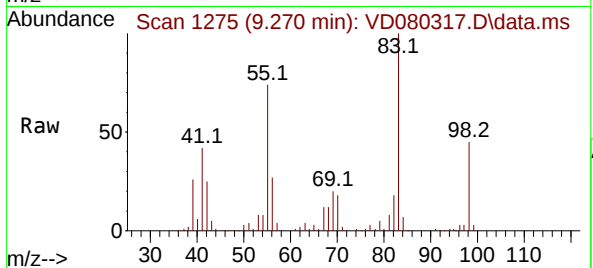
VSTDCCC050

Tgt Ion: 83 Resp: 129690
 Ion Ratio Lower Upper
 83 100
 55 74.0 62.0 93.0
 98 44.7 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025



#40

Benzene

Concen: 55.621 ug/l

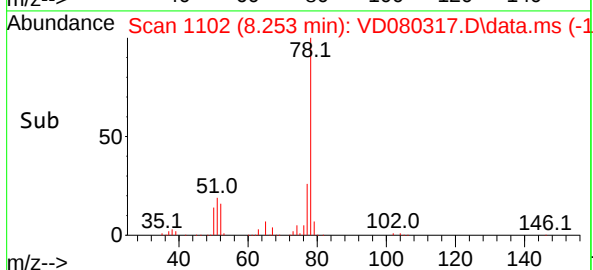
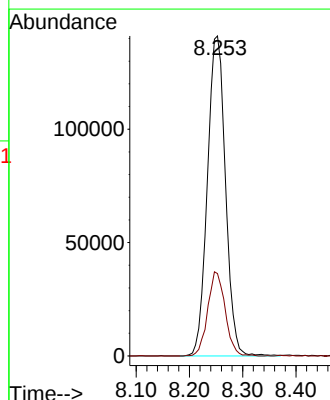
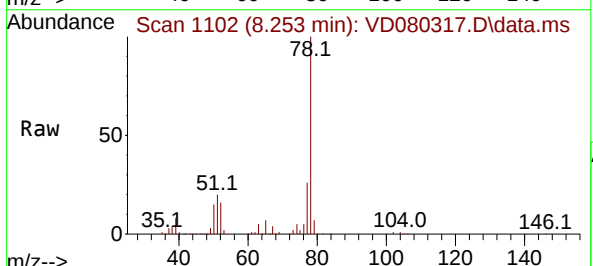
RT: 8.253 min Scan# 1102

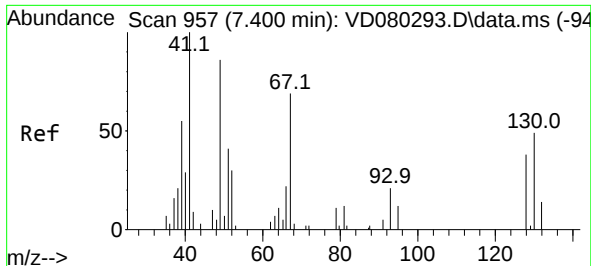
Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Tgt Ion: 78 Resp: 332854
 Ion Ratio Lower Upper
 78 100
 77 25.7 20.2 30.4





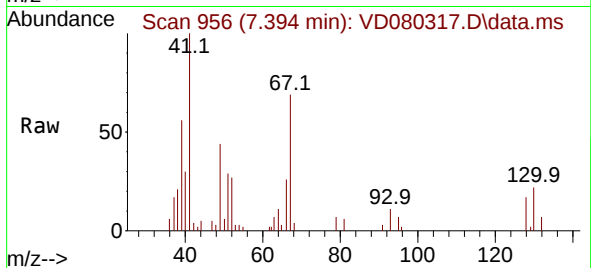
#41
Methacrylonitrile
Concen: 47.959 ug/l
RT: 7.394 min Scan# 911
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

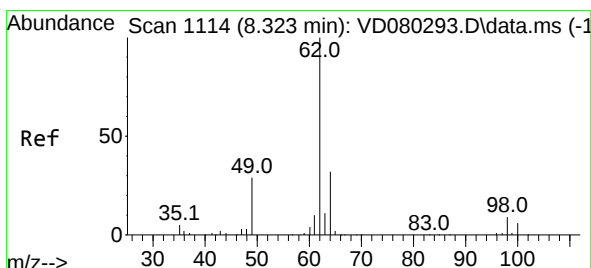
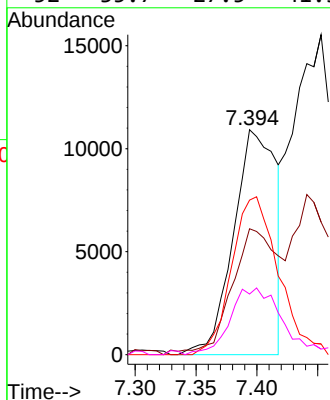
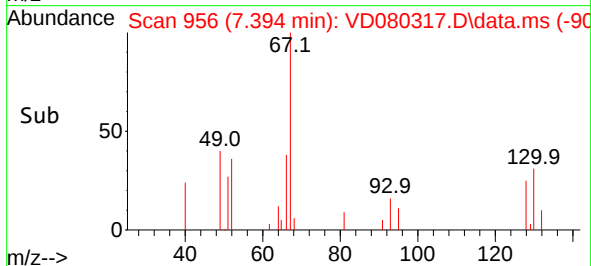


Tgt Ion: 41 Resp: 26500
Ion Ratio Lower Upper
41 100
39 63.3 47.8 71.8
67 77.2 64.9 97.3
52 35.7 27.5 41.3

Manual Integrations

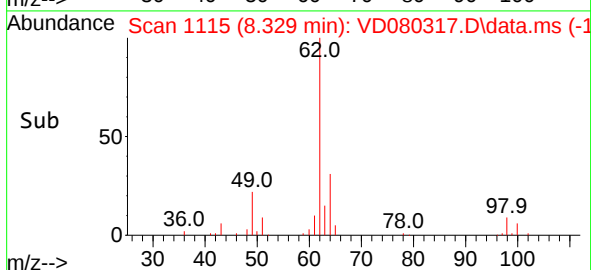
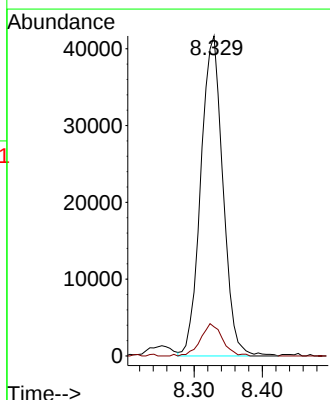
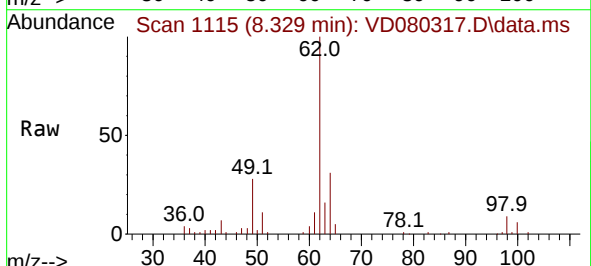
APPROVED

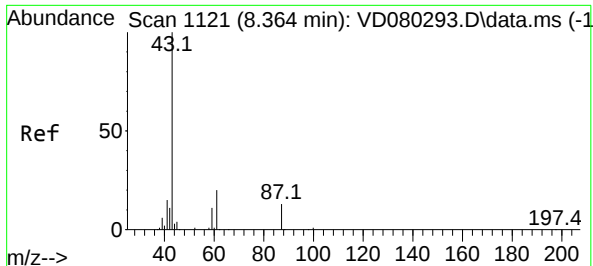
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#42
1,2-Dichloroethane
Concen: 54.285 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

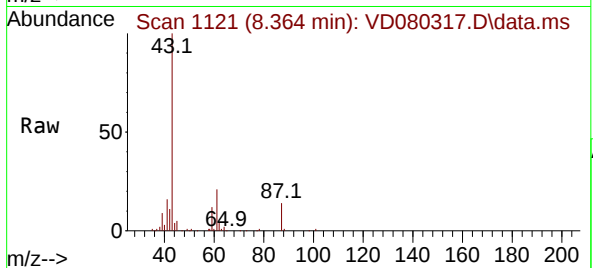
Tgt Ion: 62 Resp: 94135
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 51.594 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

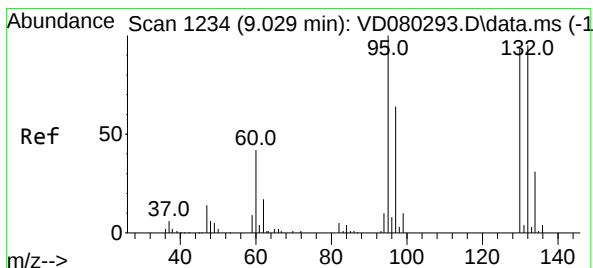
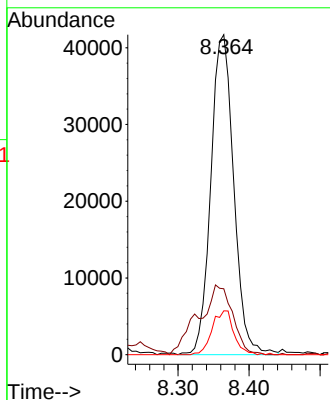
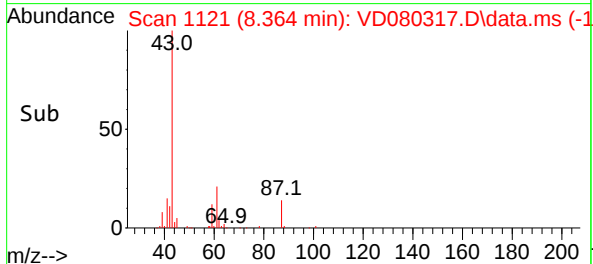
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 9343
Ion Ratio Lower Upper
43 100
61 22.4 26.2 39.2
87 13.0 11.8 17.8

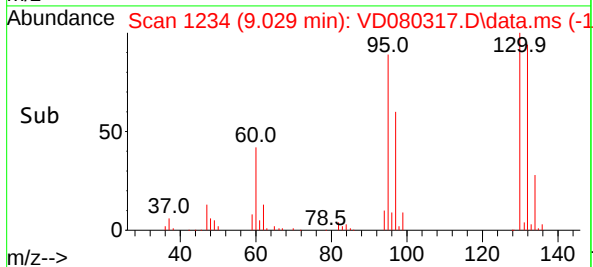
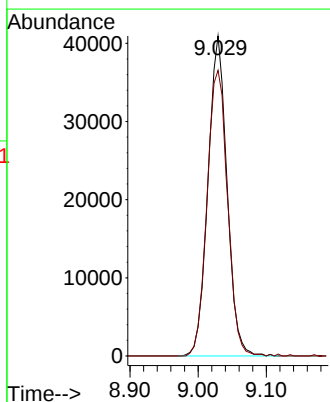
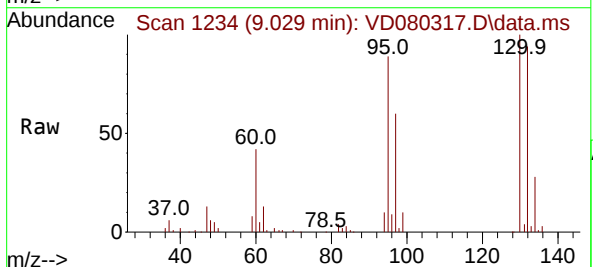
Manual Integrations
APPROVED

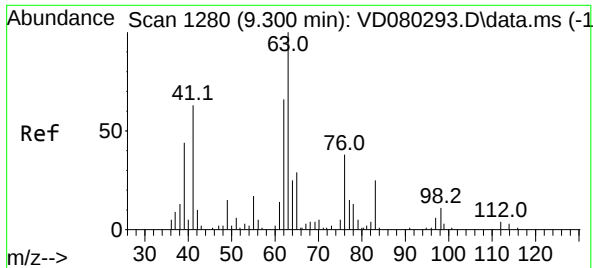
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#44
Trichloroethene
Concen: 57.288 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:130 Resp: 79582
Ion Ratio Lower Upper
130 100
95 89.3 0.0 194.6





#45

1,2-Dichloropropane

Concen: 57.016 ug/l

RT: 9.306 min Scan# 1281

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8750

Ion Ratio Lower Upper

63 100

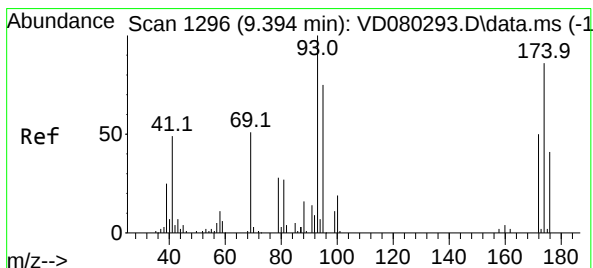
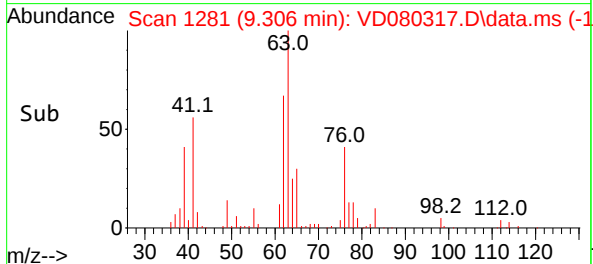
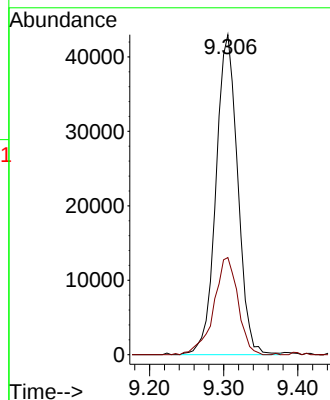
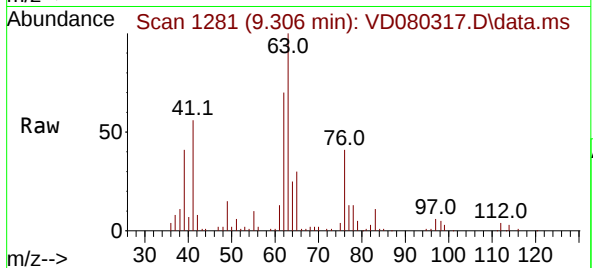
65 30.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#46

Dibromomethane

Concen: 57.598 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

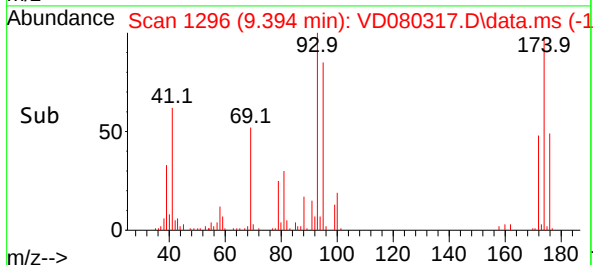
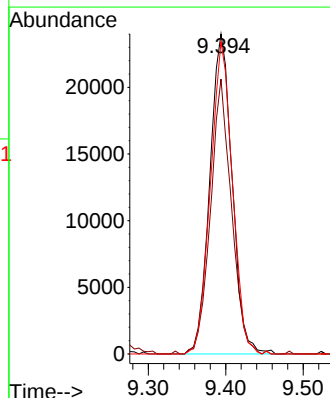
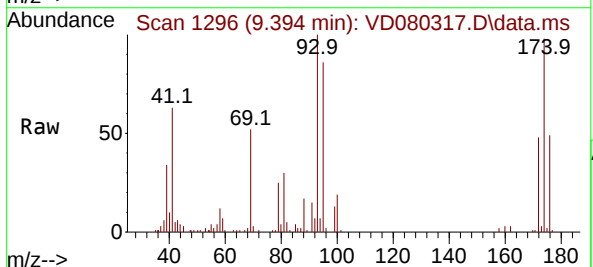
Tgt Ion: 93 Resp: 48130

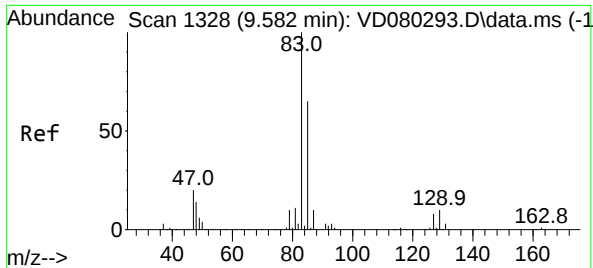
Ion Ratio Lower Upper

93 100

95 80.4 67.9 101.9

174 95.7 80.5 120.7





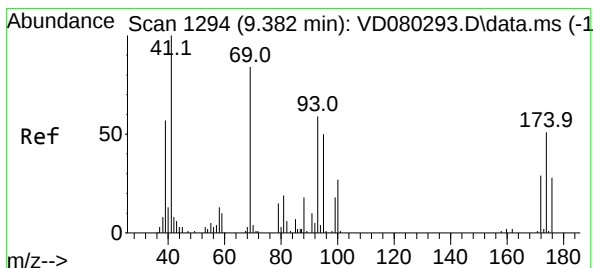
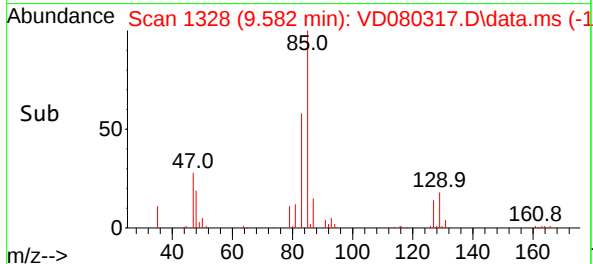
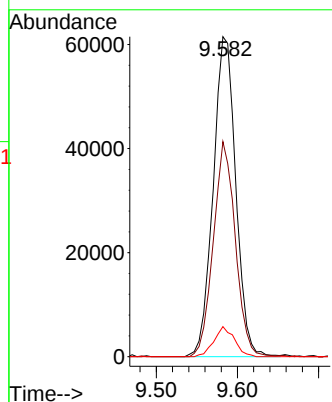
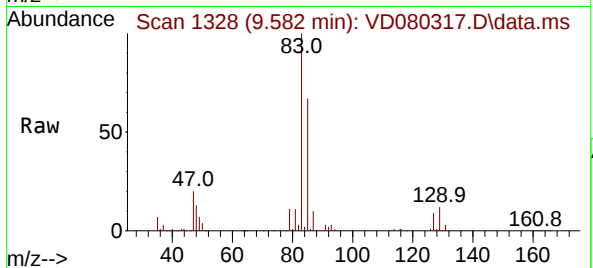
#47
Bromodichloromethane
Concen: 56.179 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 11915
Ion Ratio Lower Upper
83 100
85 67.2 50.6 75.8
127 9.4 6.1 9.1

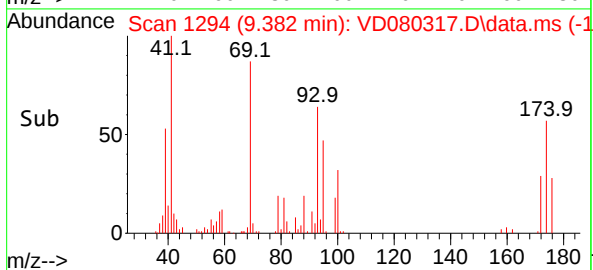
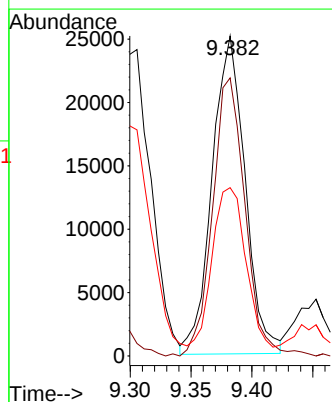
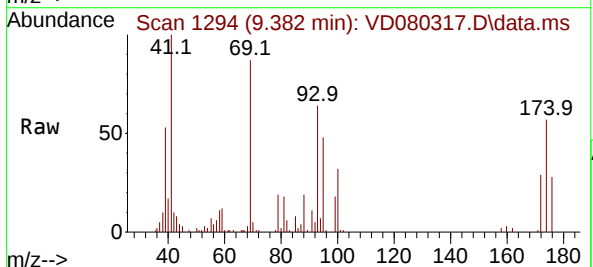
Manual Integrations
APPROVED

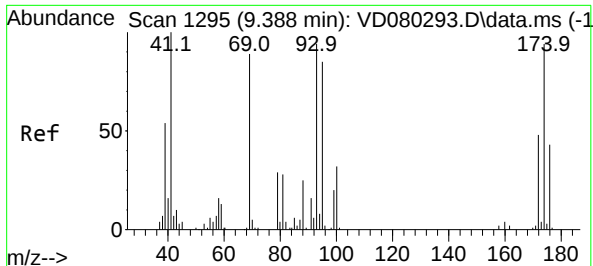
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#48
Methyl methacrylate
Concen: 55.050 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 41 Resp: 47370
Ion Ratio Lower Upper
41 100
69 86.2 74.0 111.0
39 50.8 41.9 62.9





#49

1,4-Dioxane

Concen: 1109.933 ug/l

RT: 9.382 min Scan# 1102

Delta R.T. -0.005 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 1102

Ion Ratio Lower Upper

88 100

43 38.7 29.1 43.7

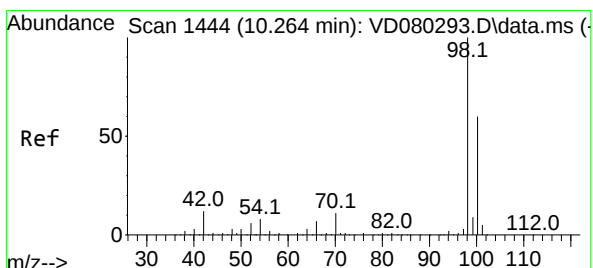
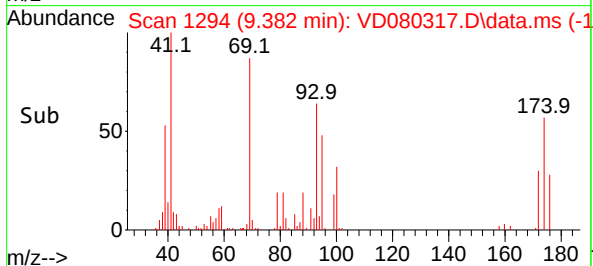
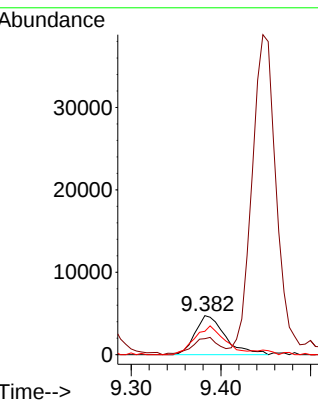
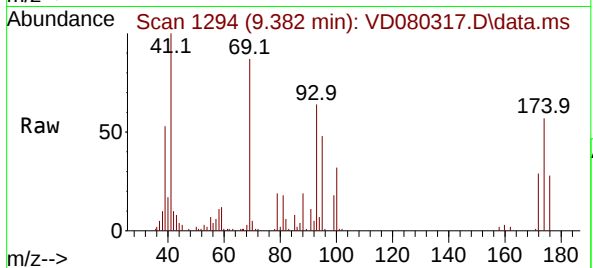
58 72.7 59.9 89.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#50

Toluene-d8

Concen: 51.495 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080317.D

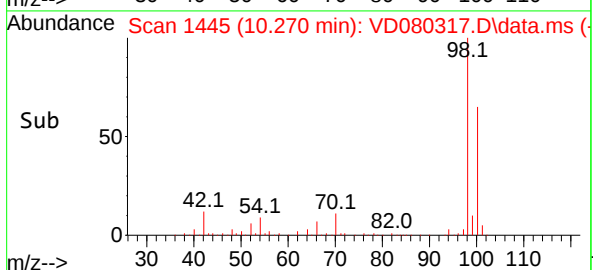
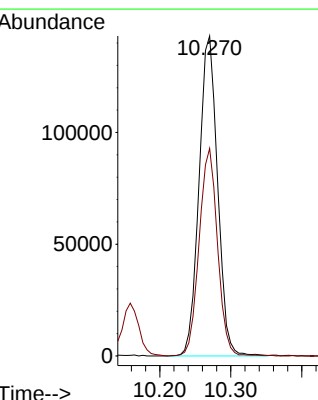
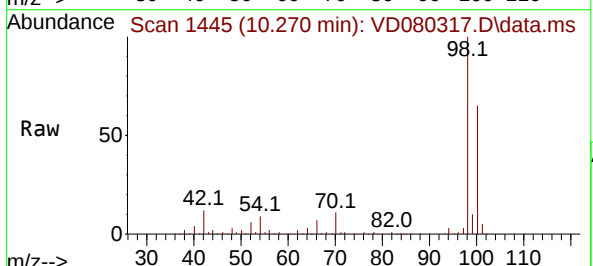
Acq: 14 May 2025 12:25

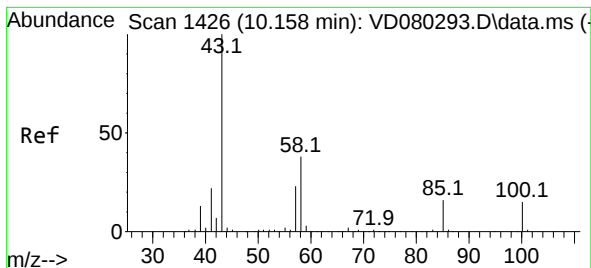
Tgt Ion: 98 Resp: 259287

Ion Ratio Lower Upper

98 100

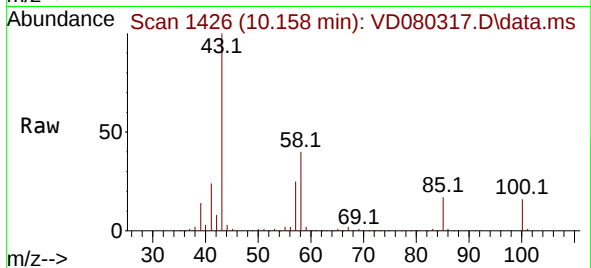
100 64.3 50.2 75.4





#51
4-Methyl-2-Pentanone
Concen: 273.148 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

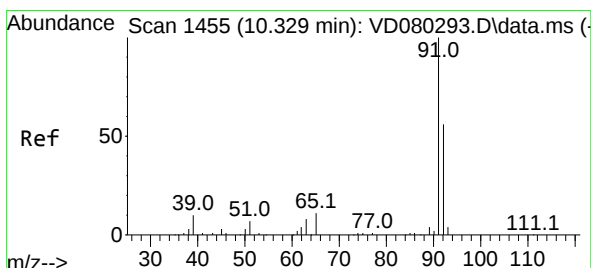
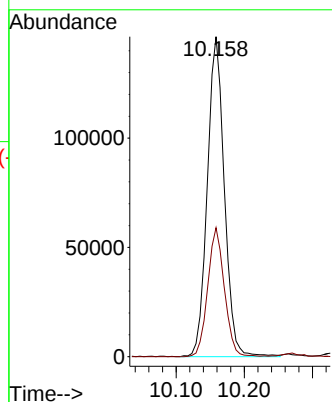
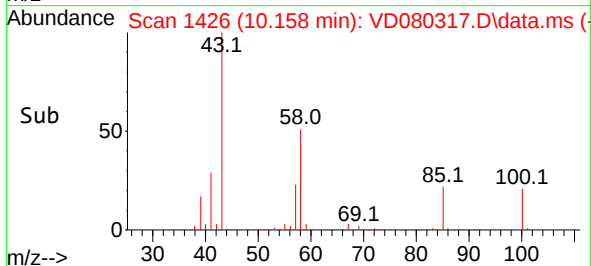
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



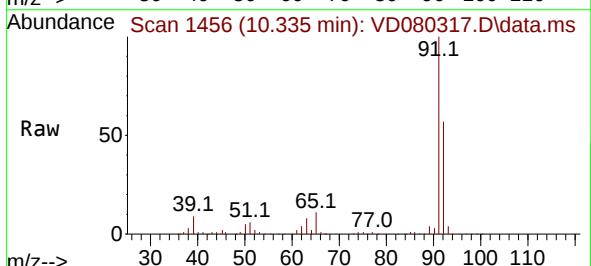
Tgt Ion: 43 Resp: 254880
Ion Ratio Lower Upper
43 100
58 39.3 32.8 49.2

Manual Integrations
APPROVED

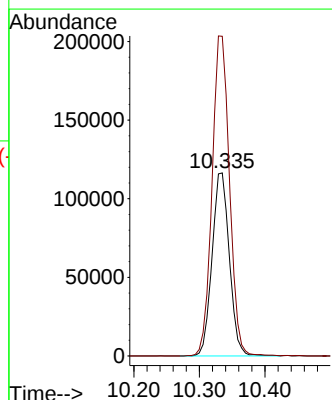
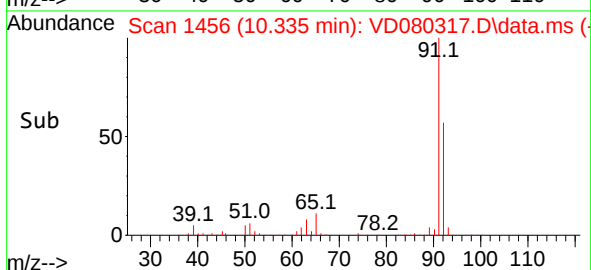
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

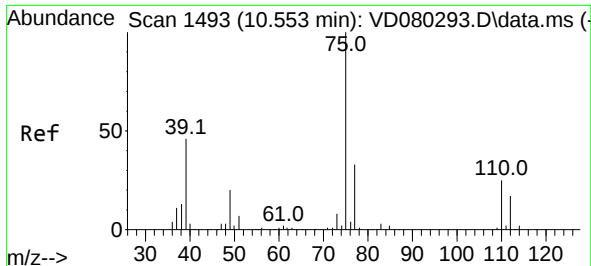


#52
Toluene
Concen: 59.003 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



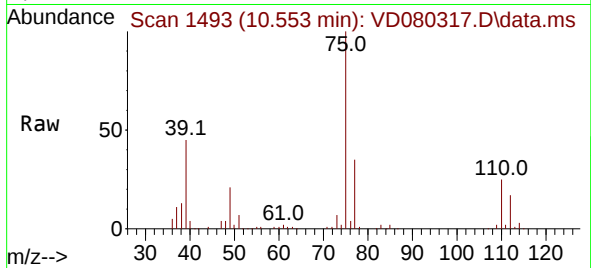
Tgt Ion: 92 Resp: 212721
Ion Ratio Lower Upper
92 100
91 176.7 139.3 208.9





#53
t-1,3-Dichloropropene
Concen: 55.672 ug/l
RT: 10.553 min Scan# 1493
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

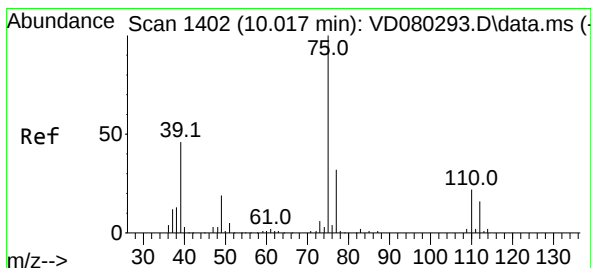
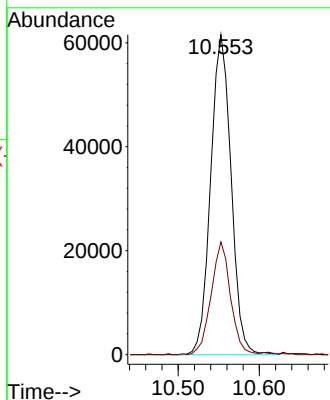
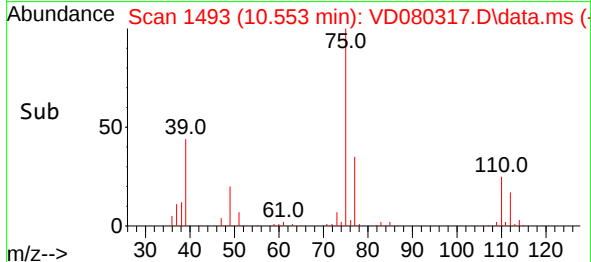
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 107644
Ion Ratio Lower Upper
75 100
77 35.2 24.1 36.1

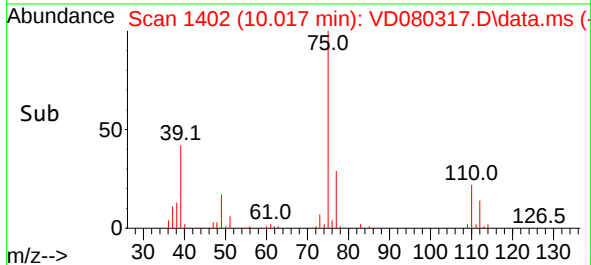
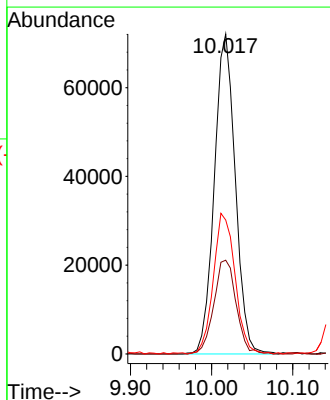
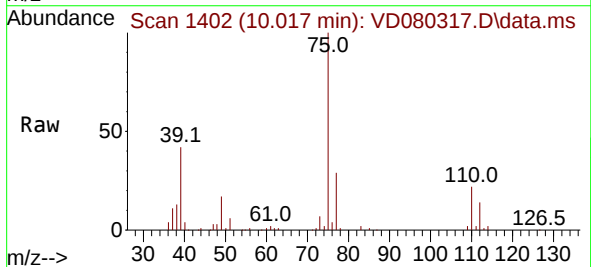
Manual Integrations
APPROVED

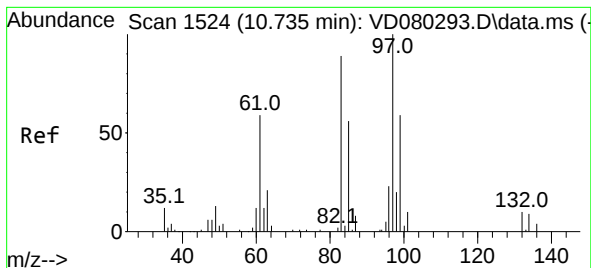
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#54
cis-1,3-Dichloropropene
Concen: 57.720 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

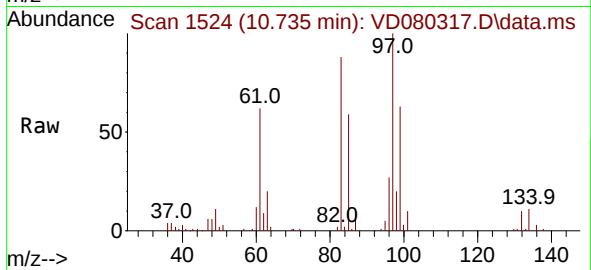
Tgt Ion: 75 Resp: 129329
Ion Ratio Lower Upper
75 100
77 29.3 25.0 37.4
39 41.6 33.2 49.8





#55
1,1,2-Trichloroethane
Concen: 57.398 ug/l
RT: 10.735 min Scan# 1524
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

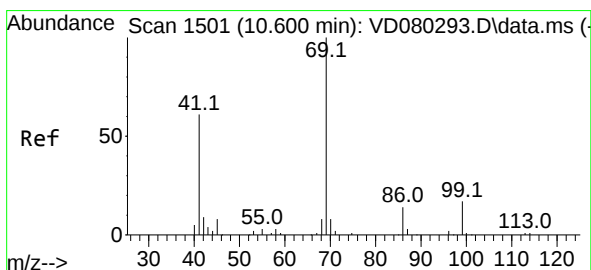
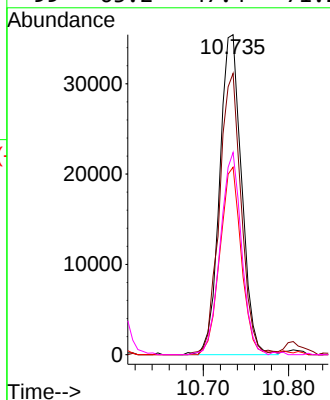
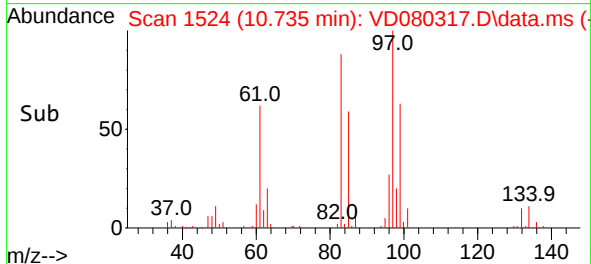
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



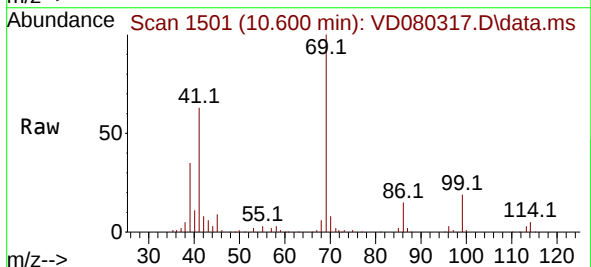
Tgt Ion: 97 Resp: 6344
Ion Ratio Lower Upper
97 100
83 87.9 69.2 103.8
85 58.6 43.0 64.6
99 63.2 47.4 71.2

Manual Integrations
APPROVED

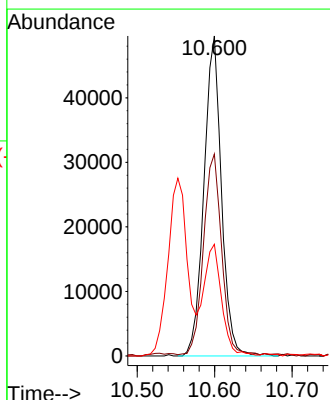
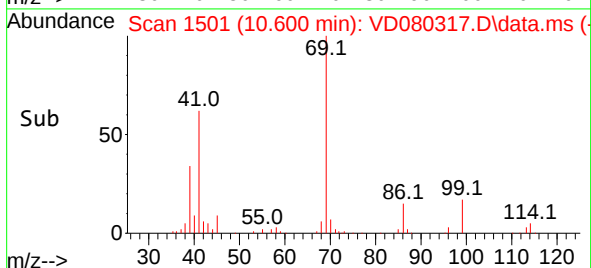
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

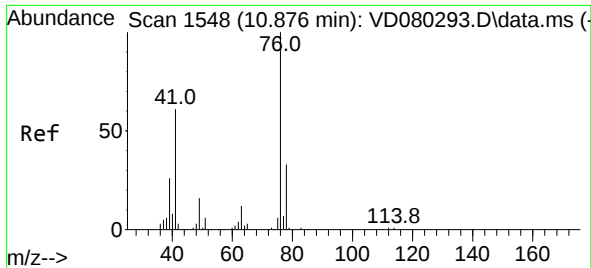


#56
Ethyl methacrylate
Concen: 58.259 ug/l
RT: 10.600 min Scan# 1501
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



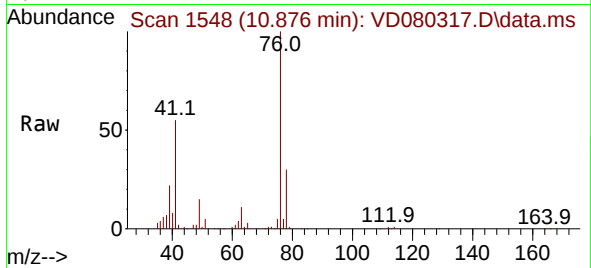
Tgt Ion: 69 Resp: 78031
Ion Ratio Lower Upper
69 100
41 64.5 50.4 75.6
39 34.8 26.0 39.0





#57
1,3-Dichloropropane
Concen: 57.994 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

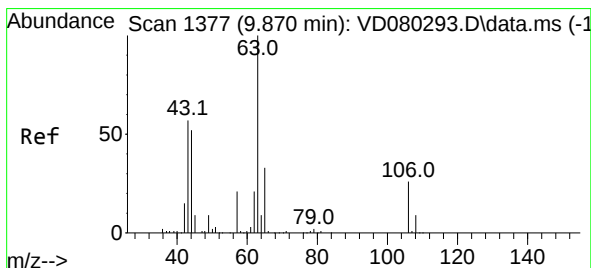
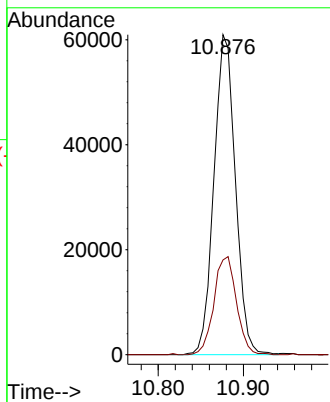
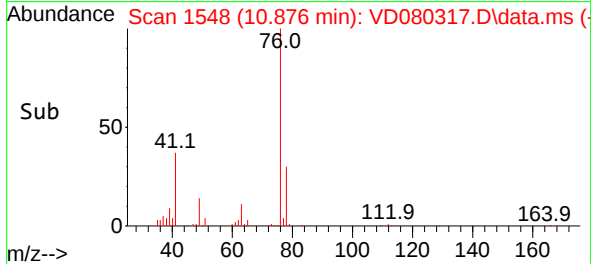
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 10653
Ion Ratio Lower Upper
76 100
78 32.2 25.4 38.2

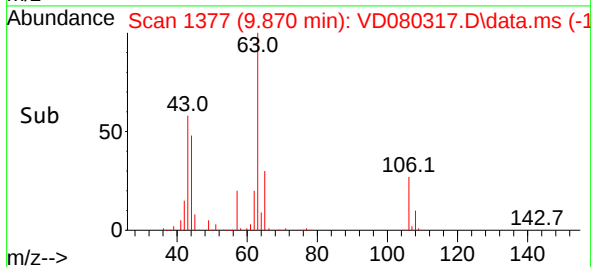
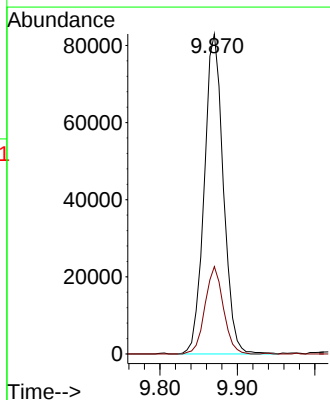
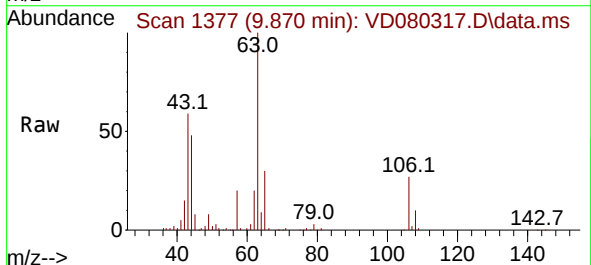
Manual Integrations
APPROVED

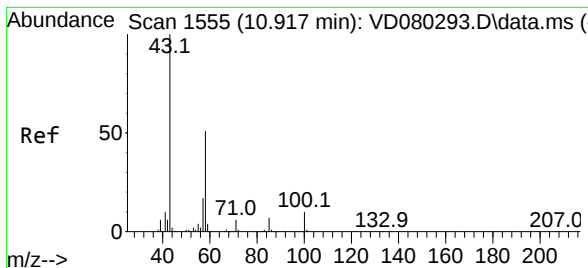
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#58
2-Chloroethyl Vinyl ether
Concen: 258.709 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

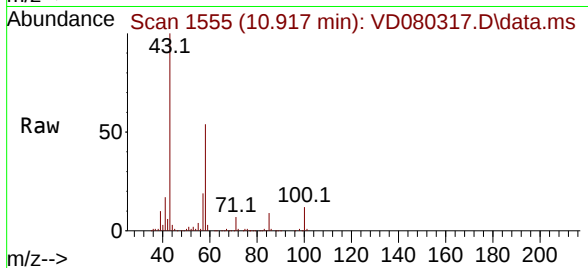
Tgt Ion: 63 Resp: 141807
Ion Ratio Lower Upper
63 100
106 26.3 21.8 32.6





#59
2-Hexanone
Concen: 282.846 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

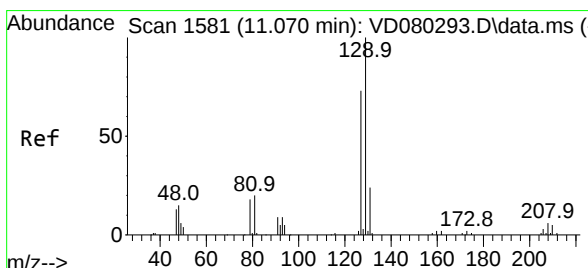
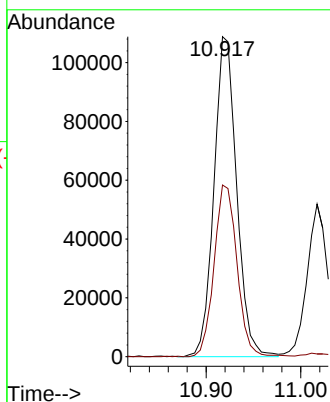
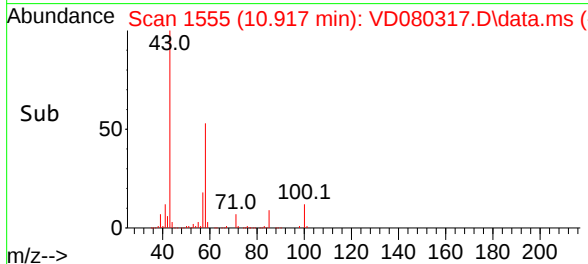
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 181558
Ion Ratio Lower Upper
43 100
58 54.2 27.8 83.4

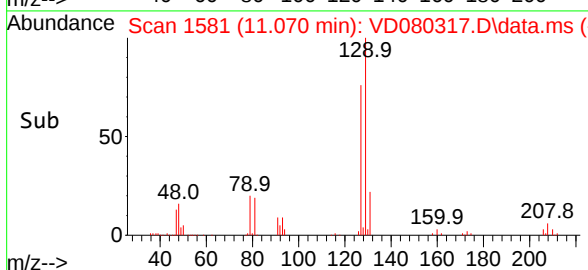
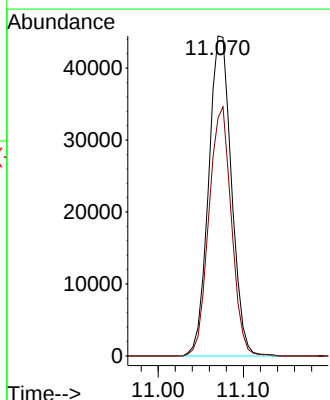
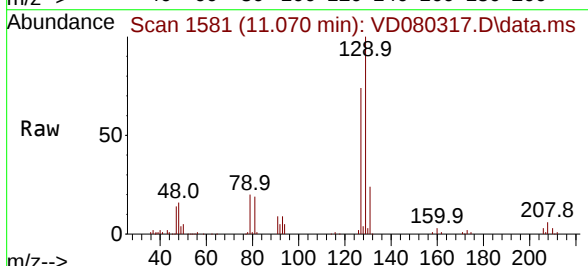
Manual Integrations
APPROVED

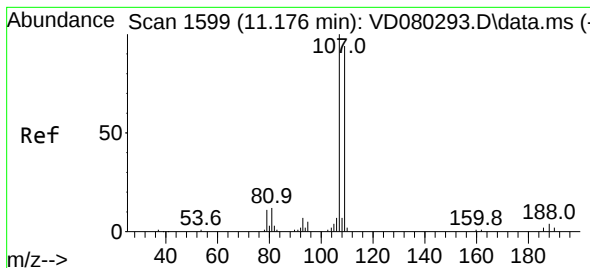
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#60
Dibromochloromethane
Concen: 59.995 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:129 Resp: 83105
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2





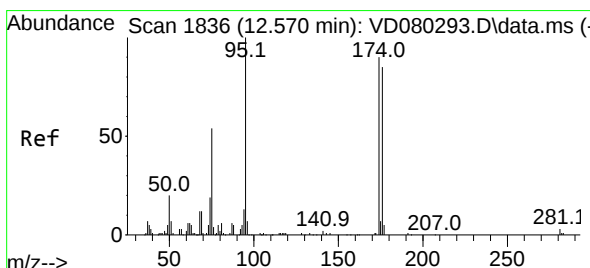
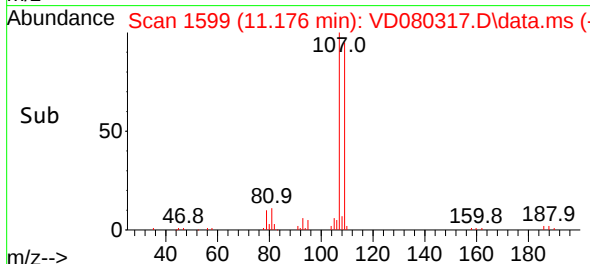
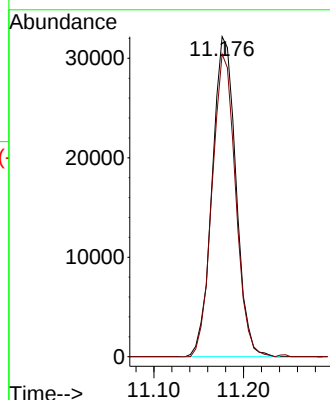
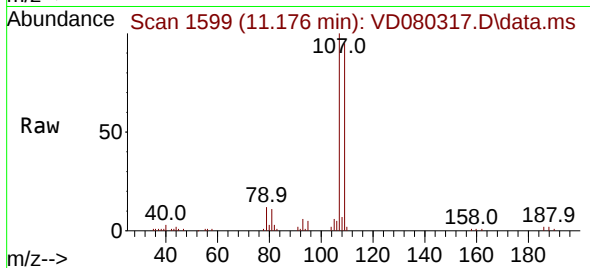
#61
1,2-Dibromoethane
Concen: 57.549 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 5898
Ion Ratio Lower Upper
107 100
109 93.3 73.9 110.9

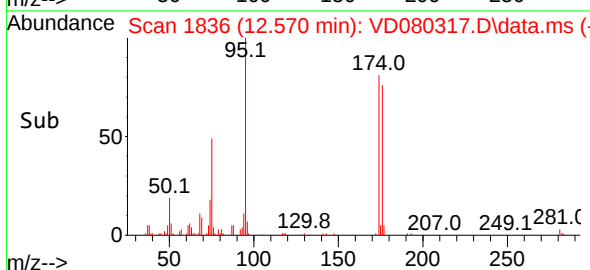
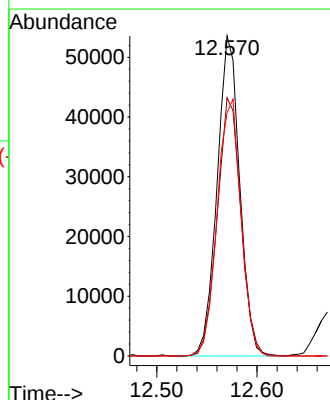
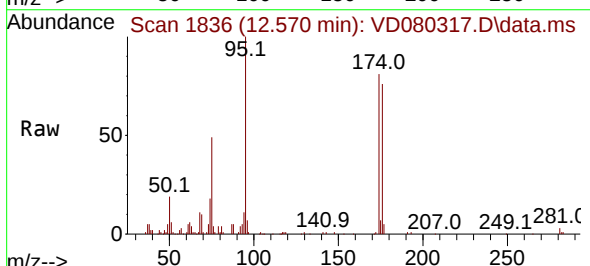
Manual Integrations
APPROVED

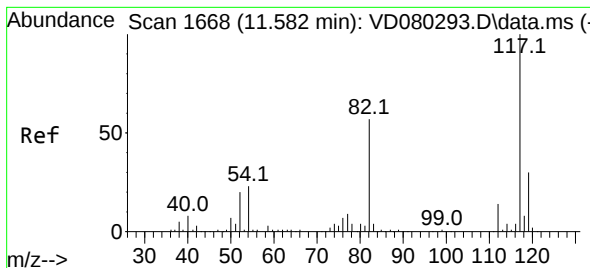
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#62
4-Bromofluorobenzene
Concen: 51.843 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

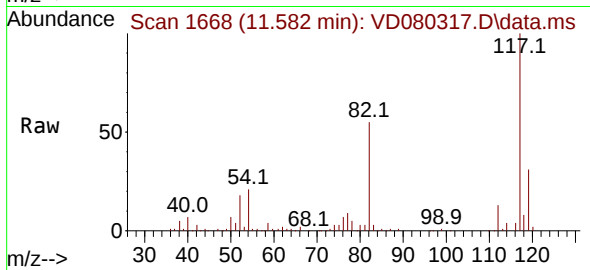
Tgt Ion: 95 Resp: 83786
Ion Ratio Lower Upper
95 100
174 84.5 0.0 173.4
176 84.4 0.0 166.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

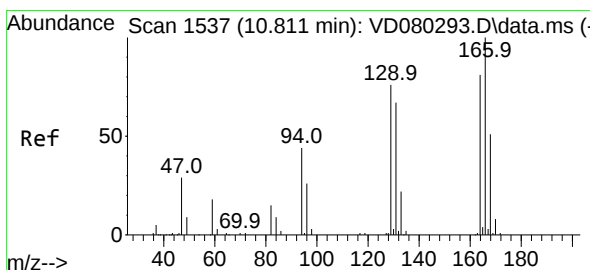
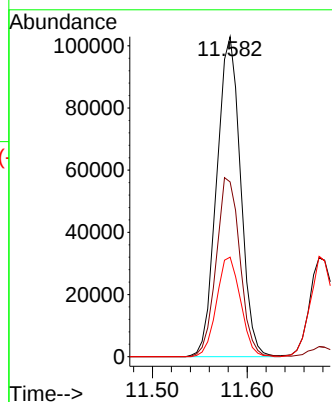
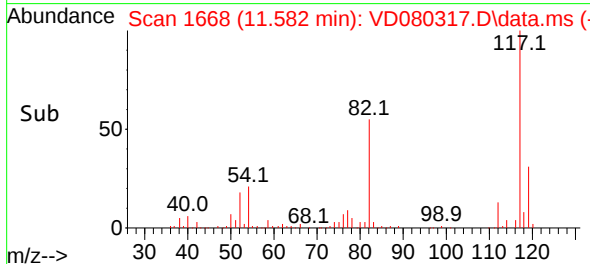
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 180070
Ion Ratio Lower Upper
117 100
82 54.6 45.8 68.6
119 31.1 26.2 39.2

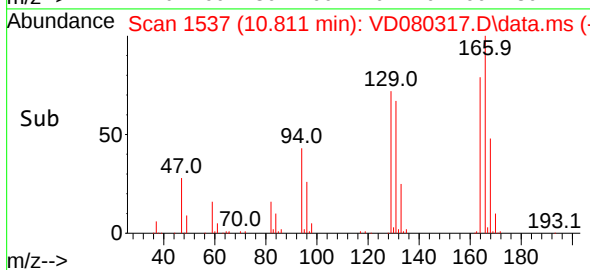
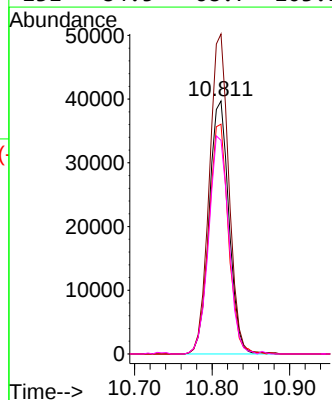
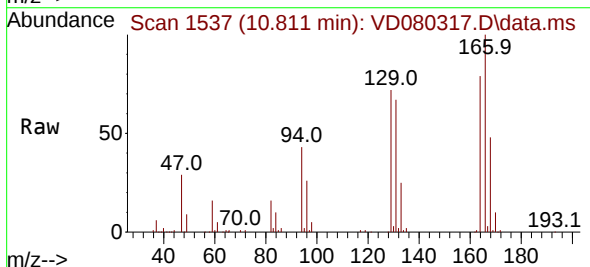
Manual Integrations
APPROVED

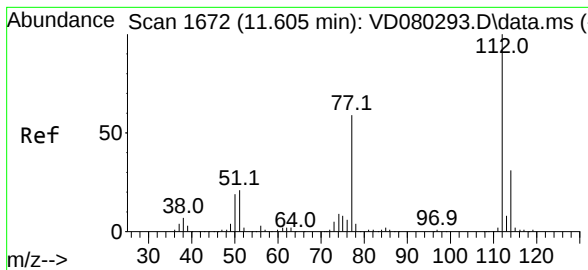
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#64
Tetrachloroethene
Concen: 57.917 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

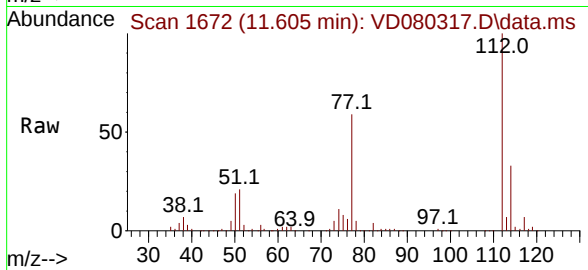
Tgt Ion:164 Resp: 70626
Ion Ratio Lower Upper
164 100
166 126.5 97.5 146.3
129 90.9 70.6 106.0
131 84.5 68.7 103.1





#65
Chlorobenzene
Concen: 55.357 ug/l
RT: 11.605 min Scan# 1112
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

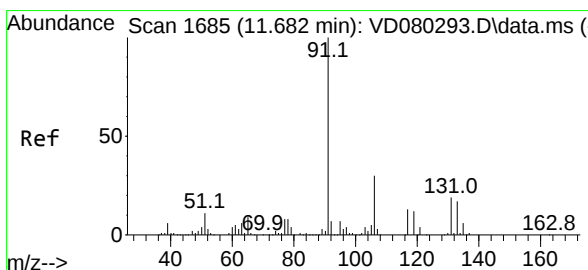
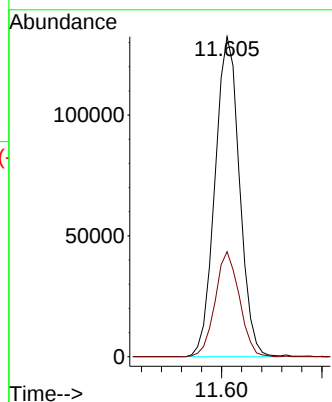
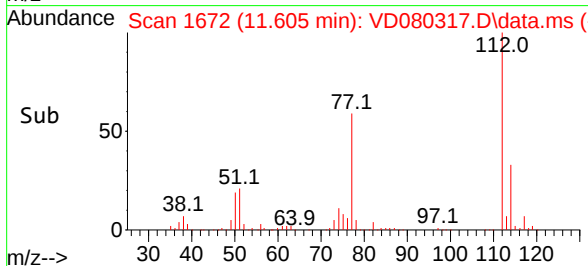
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



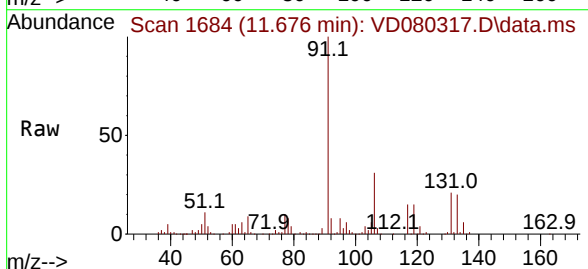
Tgt Ion:112 Resp: 225083
Ion Ratio Lower Upper
112 100
114 32.8 24.6 37.0

Manual Integrations
APPROVED

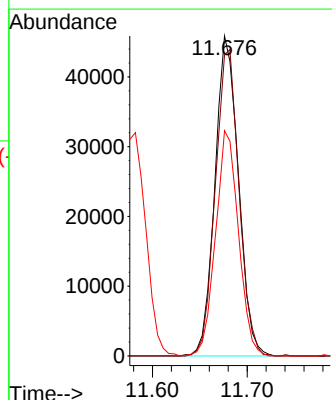
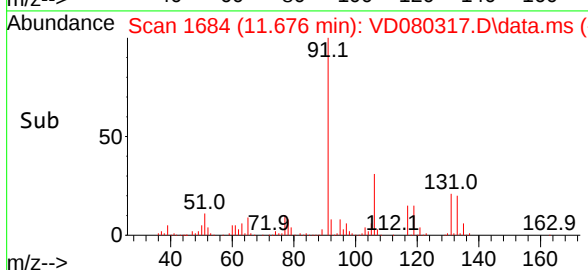
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

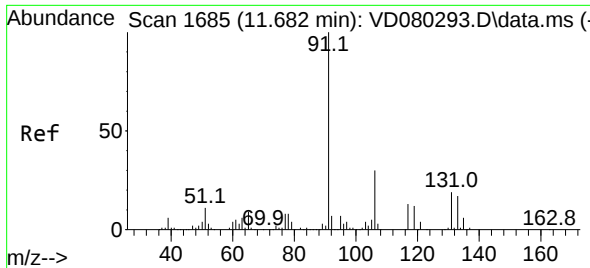


#66
1,1,1,2-Tetrachloroethane
Concen: 56.704 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



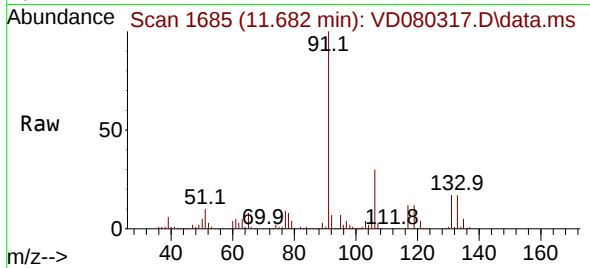
Tgt Ion:131 Resp: 79213
Ion Ratio Lower Upper
131 100
133 96.5 48.8 146.4
119 68.8 34.8 104.3





#67
Ethyl Benzene
Concen: 59.028 ug/l
RT: 11.682 min Scan# 1108
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

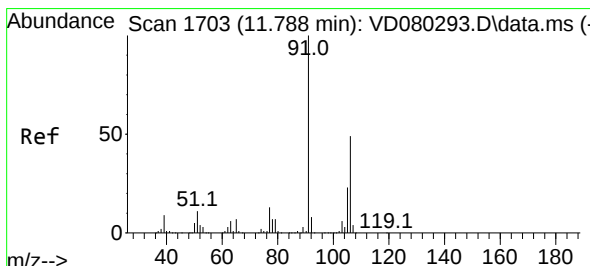
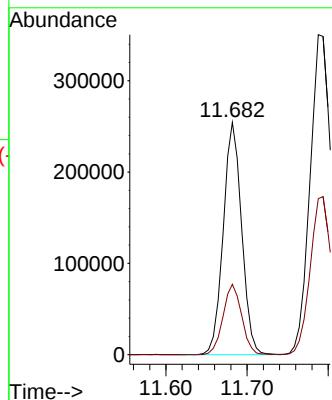
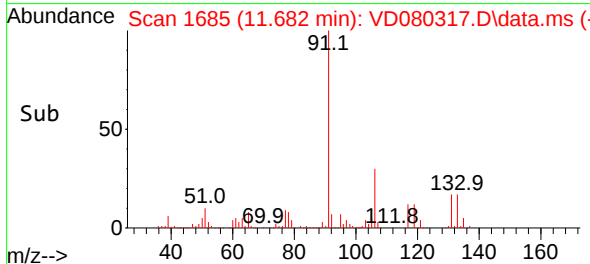
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 401088
Ion Ratio Lower Upper
91 100
106 30.3 23.6 35.4

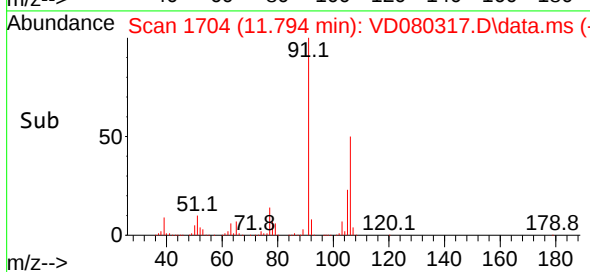
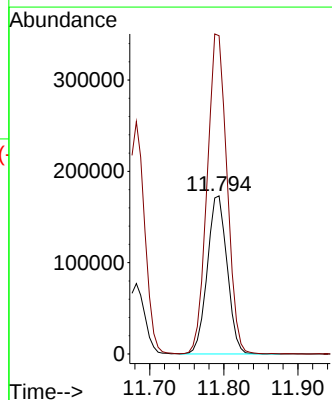
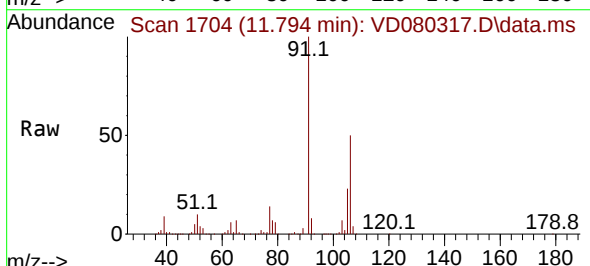
Manual Integrations
APPROVED

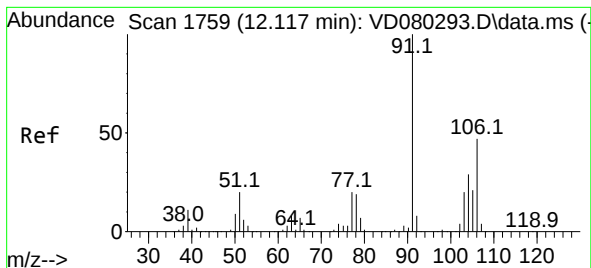
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#68
m/p-Xylenes
Concen: 121.965 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:106 Resp: 321783
Ion Ratio Lower Upper
106 100
91 202.2 162.6 244.0





#69

o-Xylene

Concen: 59.279 ug/l

RT: 12.117 min Scan# 1759

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 14291

Ion Ratio Lower Upper

106 100

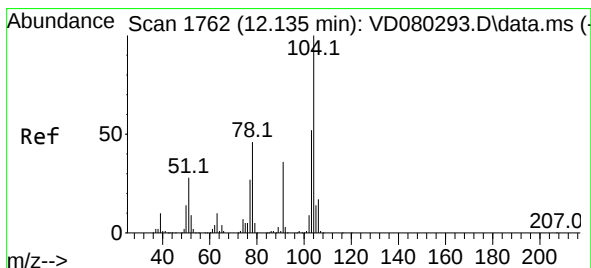
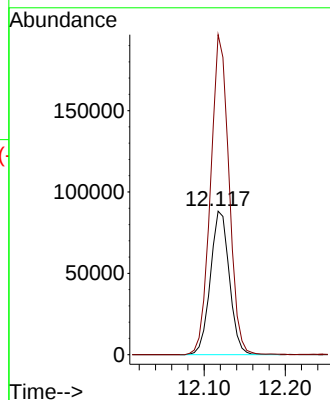
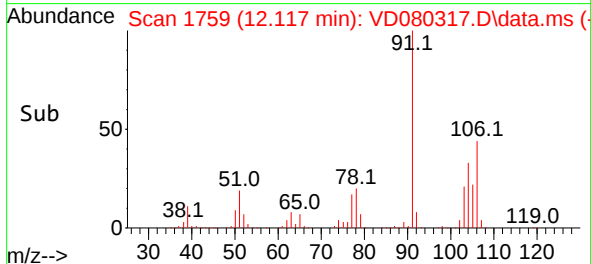
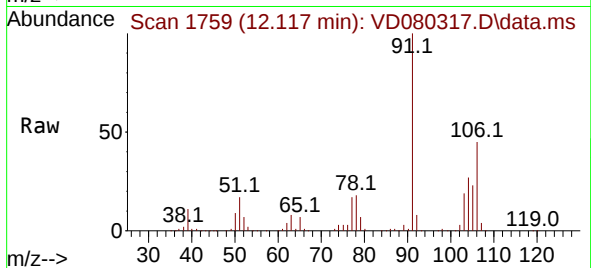
91 216.9 110.5 331.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#70

Styrene

Concen: 60.144 ug/l

RT: 12.135 min Scan# 1762

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

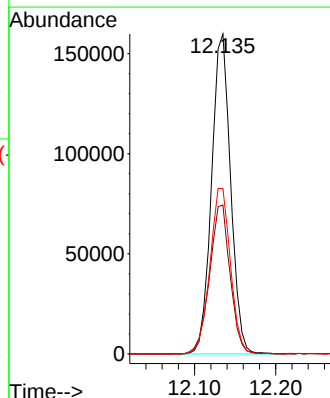
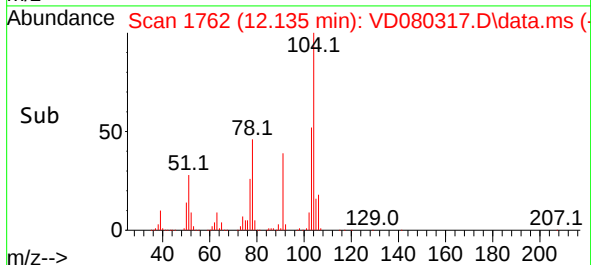
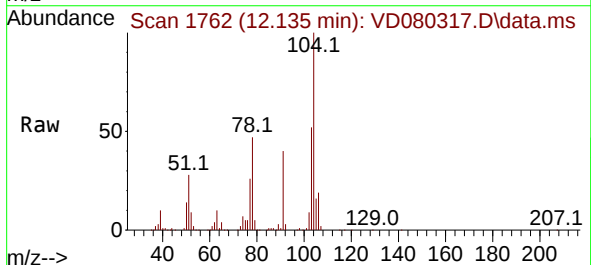
Tgt Ion:104 Resp: 260369

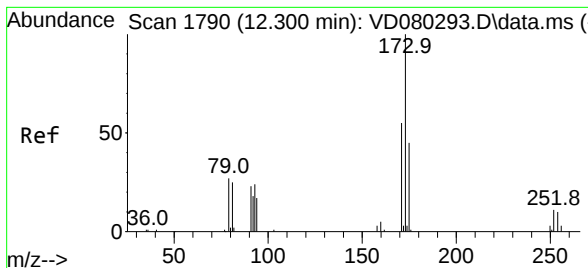
Ion Ratio Lower Upper

104 100

78 50.3 39.8 59.8

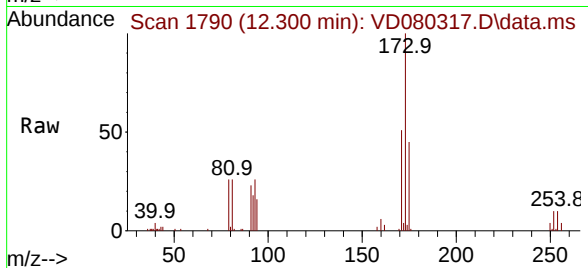
103 56.0 45.2 67.8





#71
Bromoform
Concen: 58.163 ug/l
RT: 12.300 min Scan# 1790
Delta R.T. 0.007 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

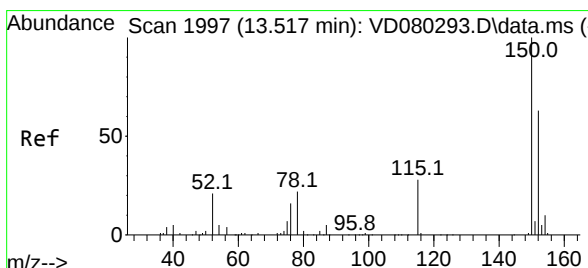
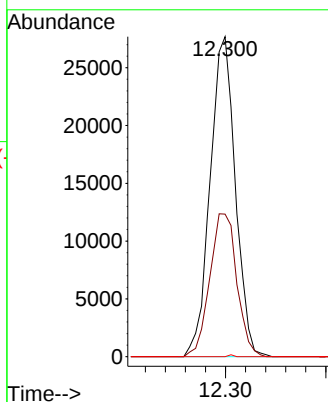
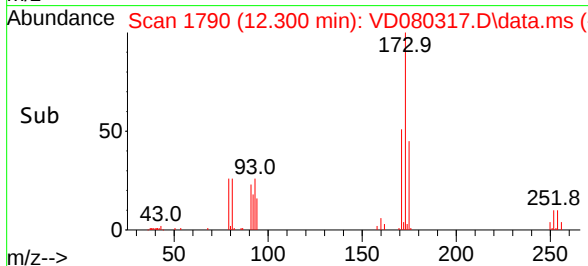
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



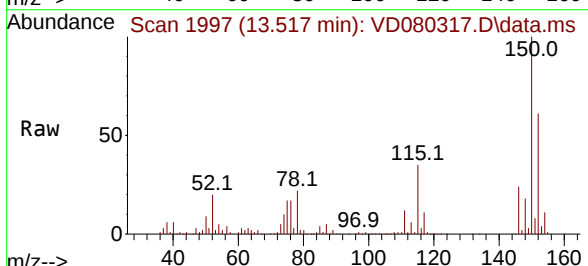
Tgt Ion:173 Resp: 48273
Ion Ratio Lower Upper
173 100
175 47.9 24.8 74.3
254 0.1 0.0 0.0

Manual Integrations
APPROVED

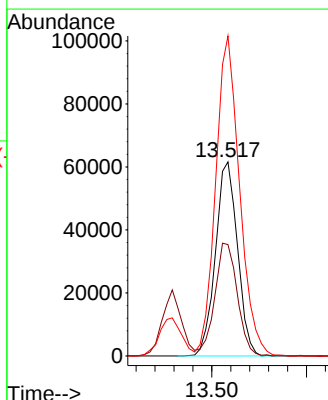
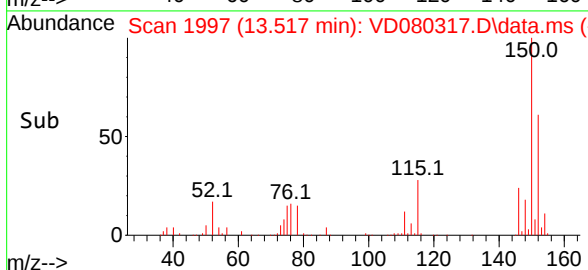
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

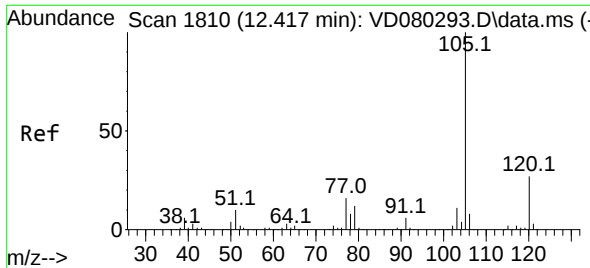


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



Tgt Ion:152 Resp: 99603
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.8
150 178.8 0.0 354.8





#73
Isopropylbenzene
Concen: 58.646 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

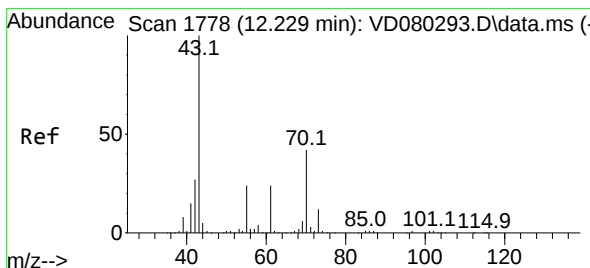
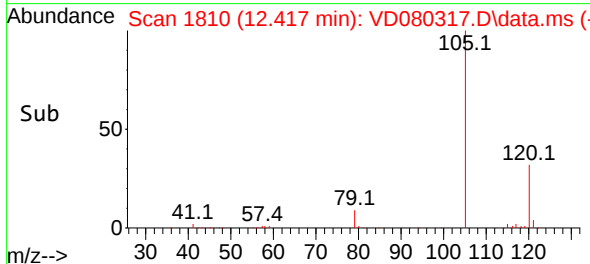
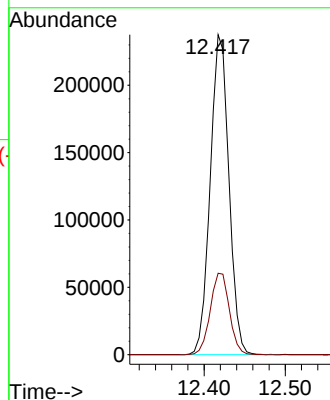
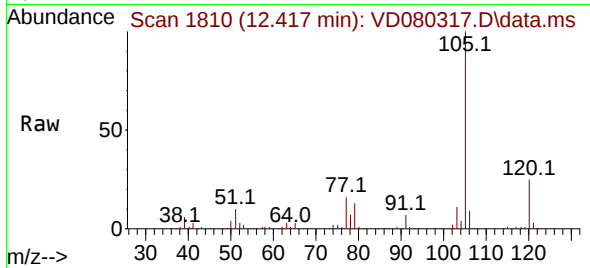
VSTDCCC050

Tgt Ion:105 Resp: 378914
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9

Manual Integrations

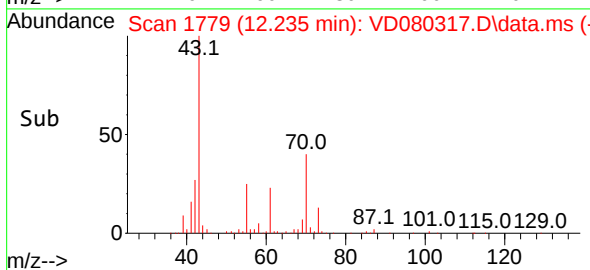
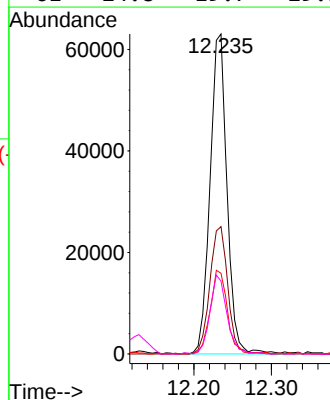
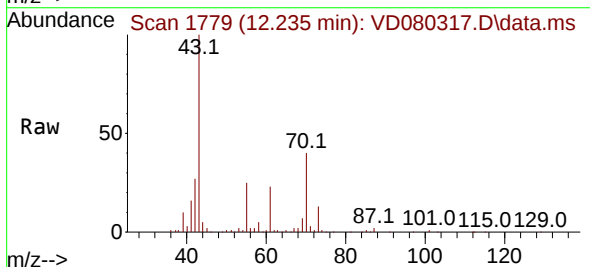
APPROVED

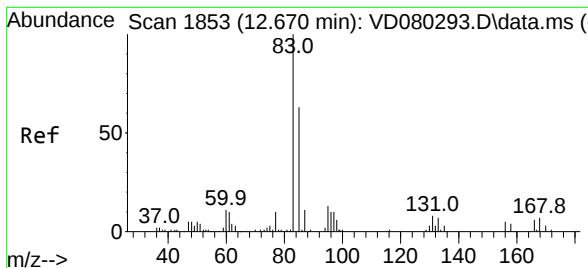
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#74
N-ethyl acetate
Concen: 51.600 ug/l
RT: 12.235 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

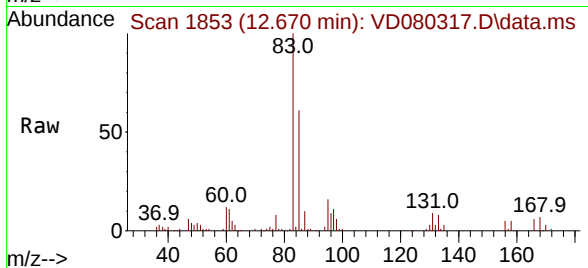
Tgt Ion: 43 Resp: 95686
Ion Ratio Lower Upper
43 100
70 42.0 36.3 54.5
55 26.3 20.3 30.5
61 24.8 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 52.586 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

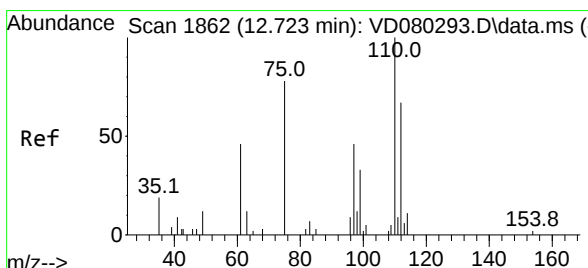
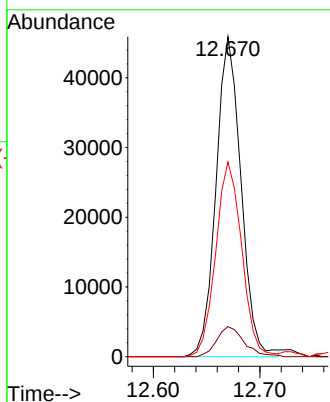
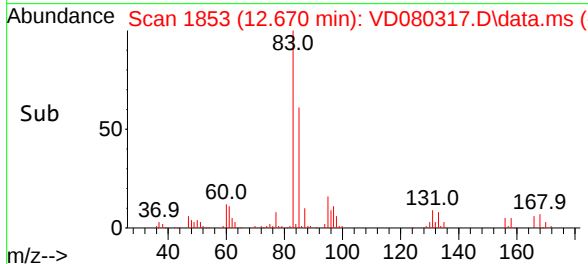
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



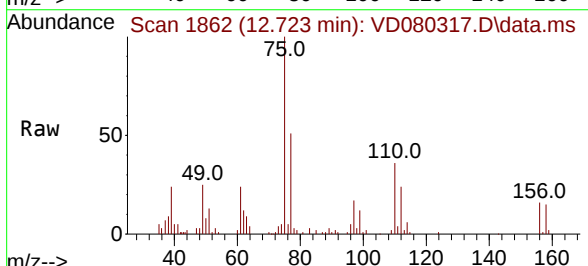
Tgt Ion: 83 Resp: 74710
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 63.3 32.9 98.6

Manual Integrations
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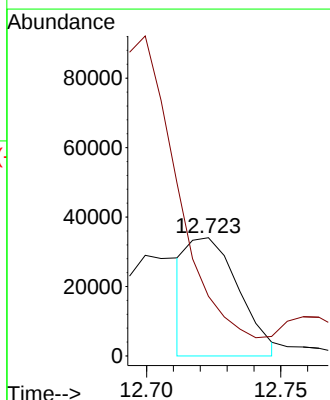
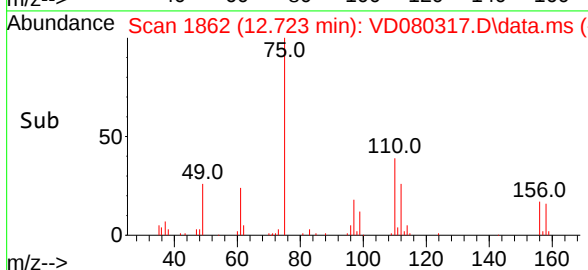
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

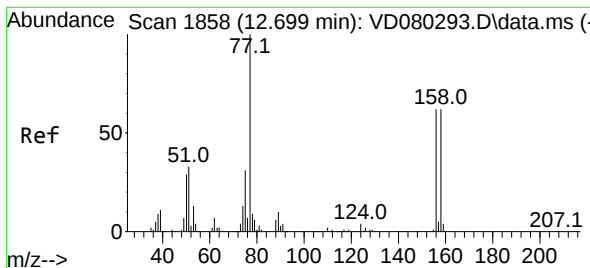


#76
1,2,3-Trichloropropane
Concen: 47.066 ug/l m
RT: 12.723 min Scan# 1862
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



Tgt Ion: 75 Resp: 45245
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.606 ug/l

RT: 12.700 min Scan# 1858

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

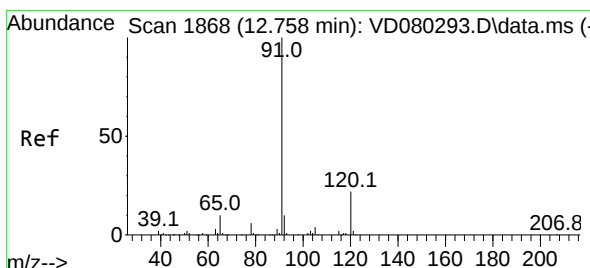
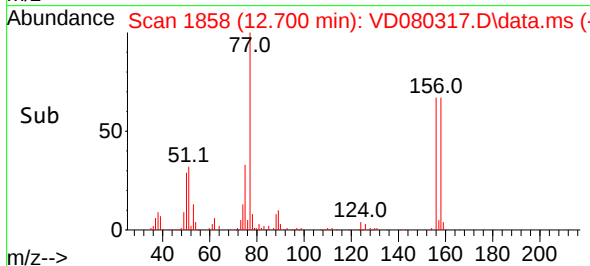
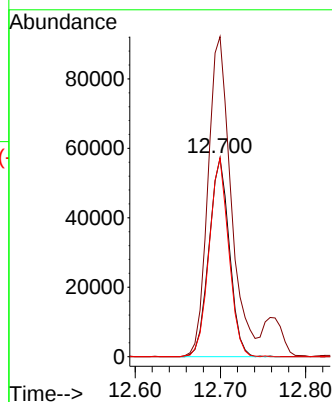
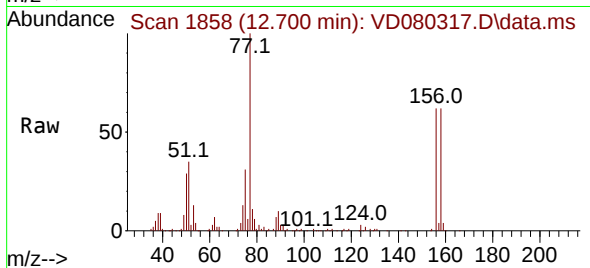
VSTDCCC050

Tgt Ion:	156	Resp:	9486
Ion Ratio	Lower	Upper	
156	100		
77	181.3	89.8	269.6
158	96.5	47.9	143.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#78

n-propylbenzene

Concen: 60.467 ug/l

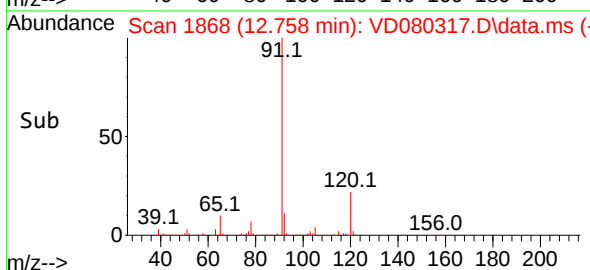
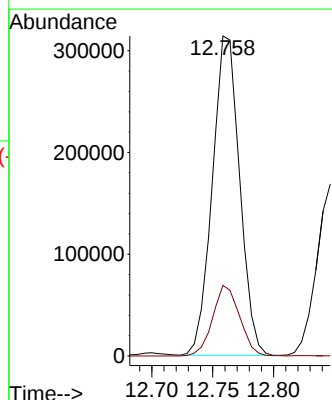
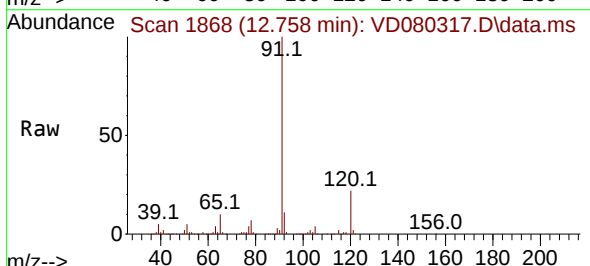
RT: 12.758 min Scan# 1868

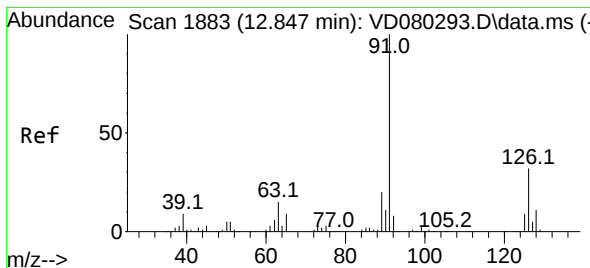
Delta R.T. -0.005 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Tgt Ion:	91	Resp:	490275
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.2	33.5





#79

2-Chlorotoluene

Concen: 57.750 ug/l

RT: 12.847 min Scan# 1883

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 27236

Ion Ratio Lower Upper

91 100

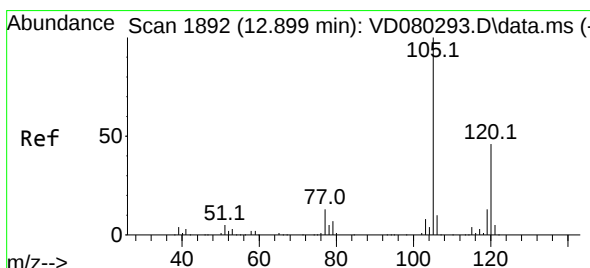
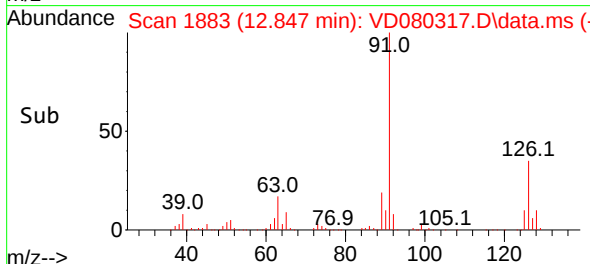
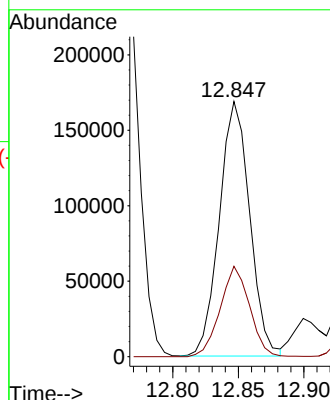
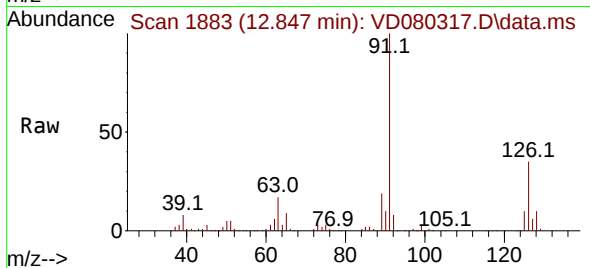
126 34.2 17.2 51.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#80

1,3,5-Trimethylbenzene

Concen: 59.869 ug/l

RT: 12.905 min Scan# 1893

Delta R.T. 0.001 min

Lab File: VD080317.D

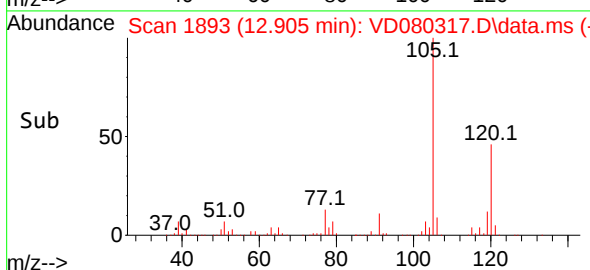
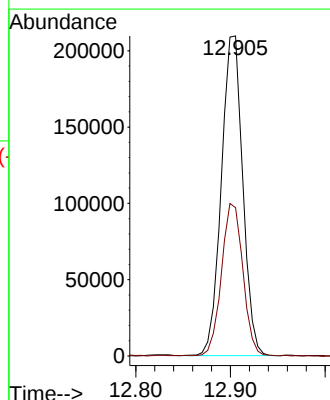
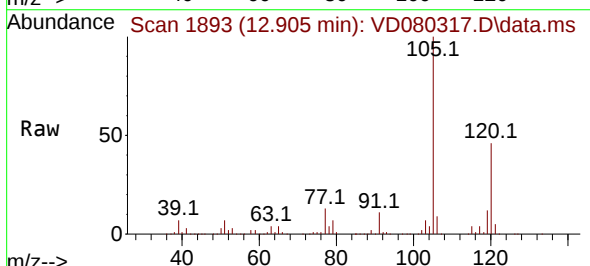
Acq: 14 May 2025 12:25

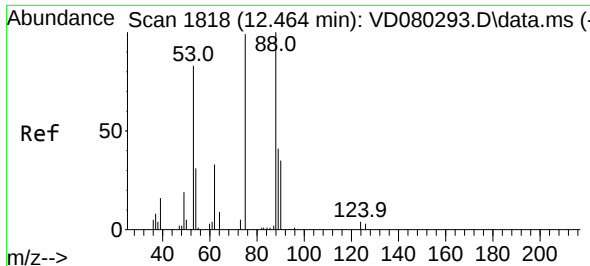
Tgt Ion:105 Resp: 329924

Ion Ratio Lower Upper

105 100

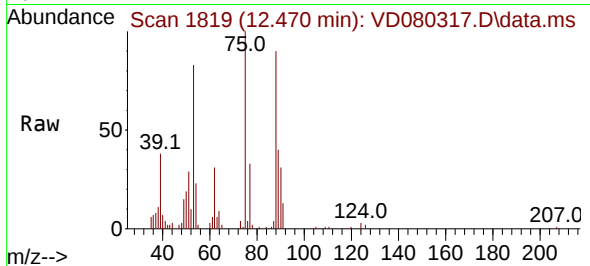
120 47.4 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 55.808 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

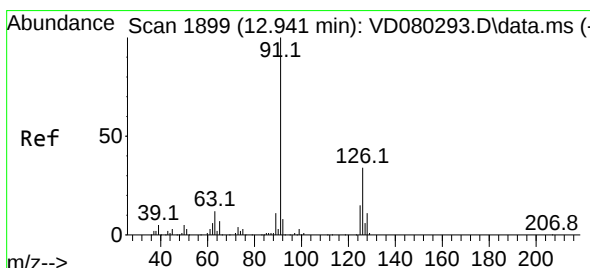
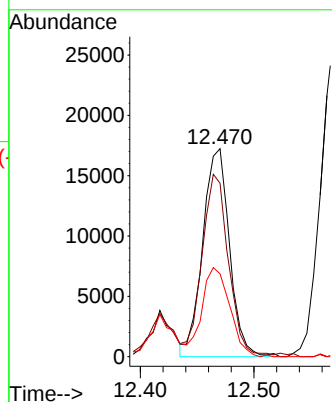
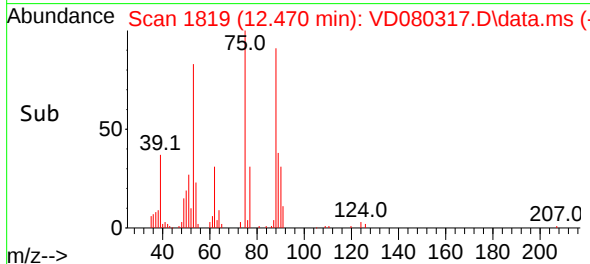
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2826
Ion Ratio Lower Upper
75 100
53 85.3 68.7 103.1
89 44.3 36.1 54.1

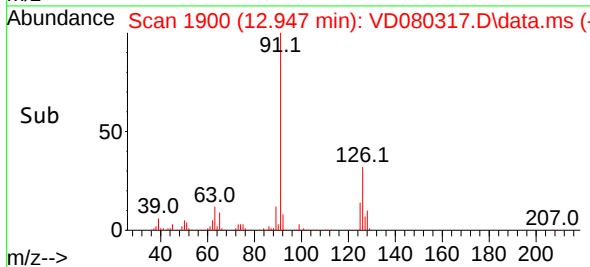
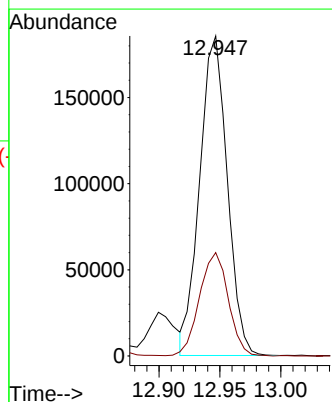
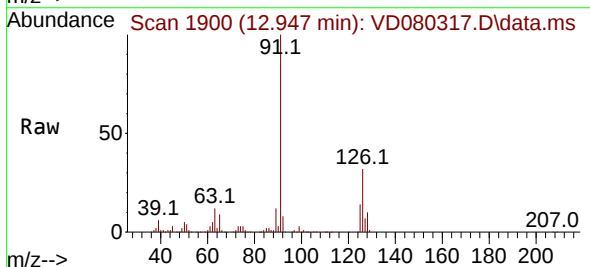
Manual Integrations
APPROVED

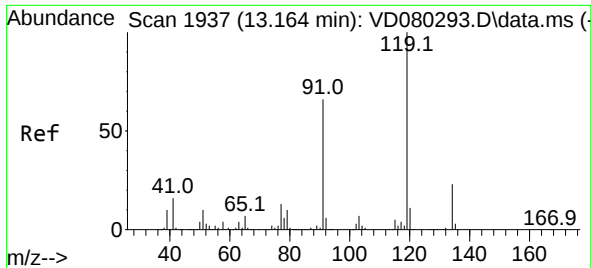
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#82
4-Chlorotoluene
Concen: 57.292 ug/l
RT: 12.947 min Scan# 1900
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

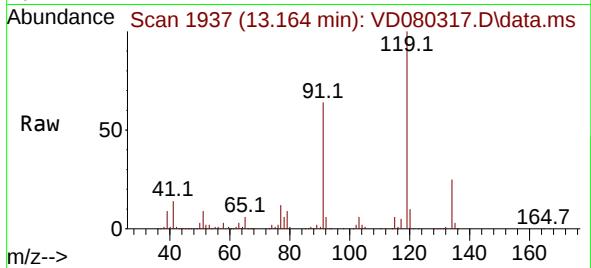
Tgt Ion: 91 Resp: 291672
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.3





#83
tert-Butylbenzene
Concen: 59.774 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

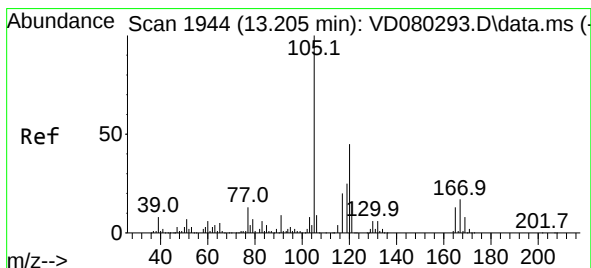
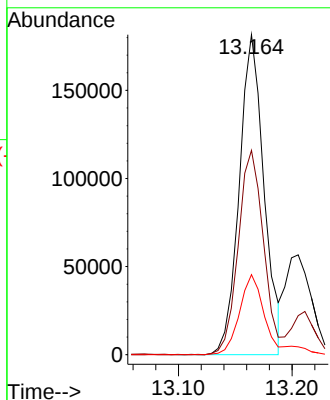
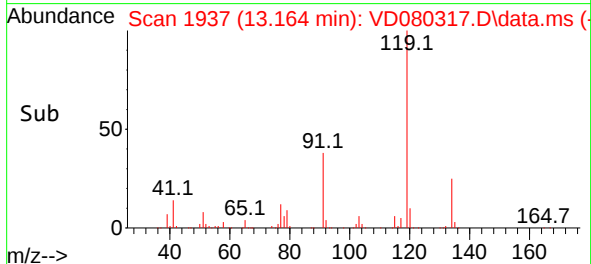
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



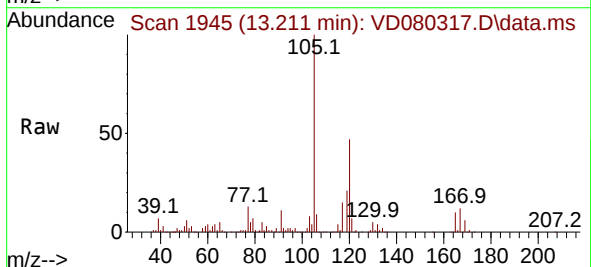
Tgt Ion:119 Resp: 274878
Ion Ratio Lower Upper
119 100
91 66.1 33.3 99.9
134 26.8 13.5 40.5

Manual Integrations
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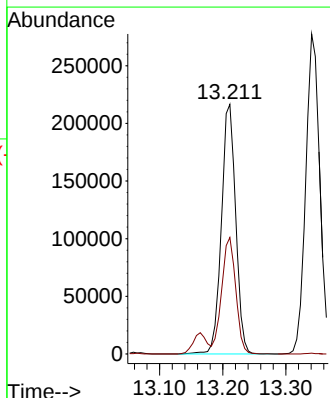
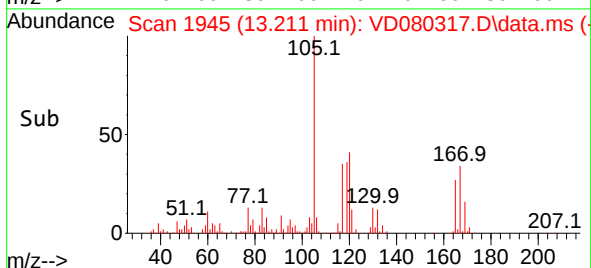
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

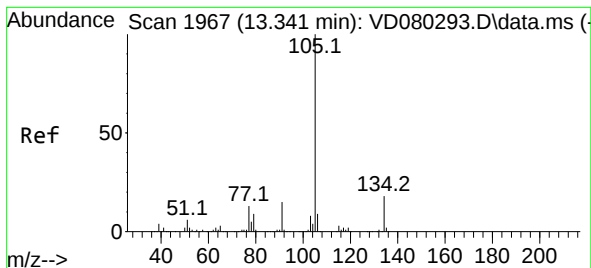


#84
1,2,4-Trimethylbenzene
Concen: 60.503 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



Tgt Ion:105 Resp: 341142
Ion Ratio Lower Upper
105 100
120 46.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 60.255 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 427290

Ion Ratio Lower Upper

105 100

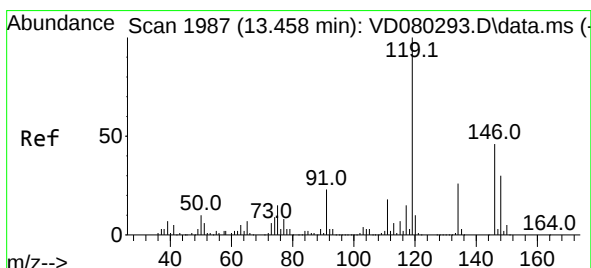
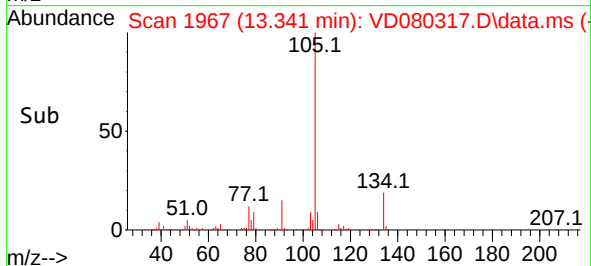
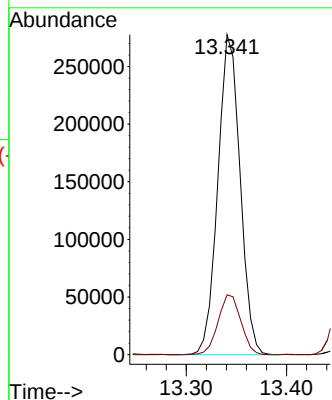
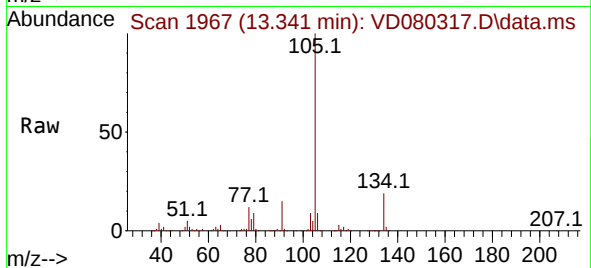
134 19.2 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#86

p-Isopropyltoluene

Concen: 62.104 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

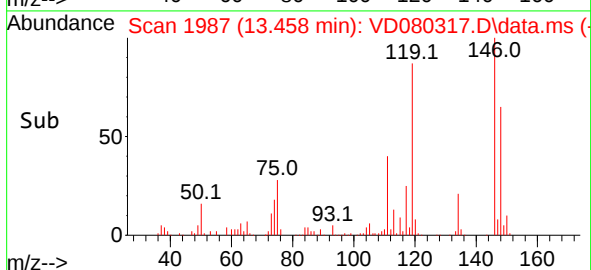
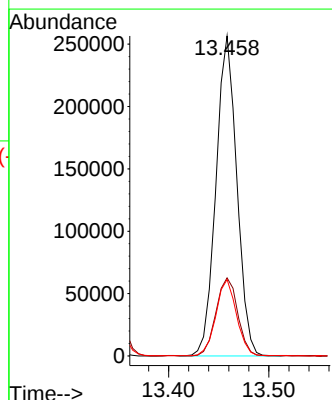
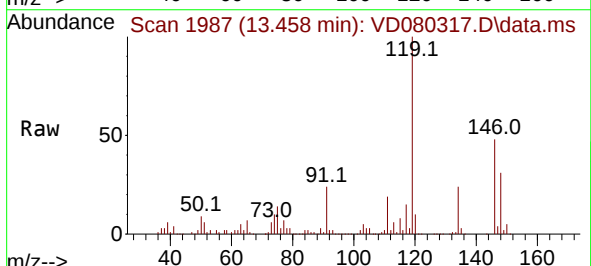
Tgt Ion:119 Resp: 370143

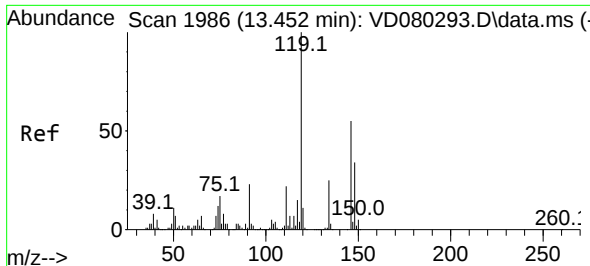
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.1

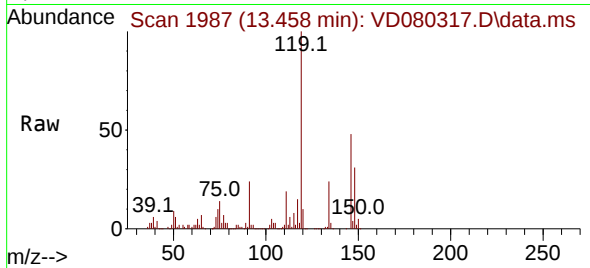
91 23.4 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 56.630 ug/l
RT: 13.458 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

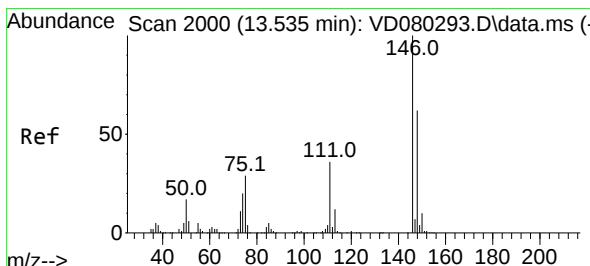
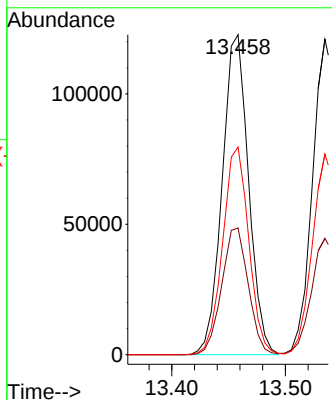
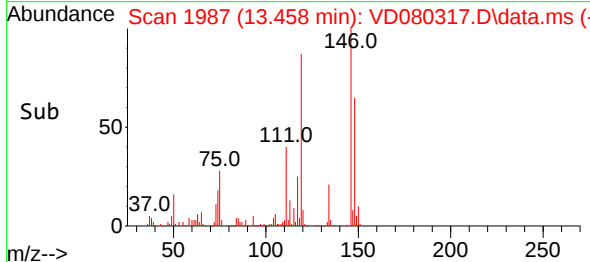
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 197930
Ion Ratio Lower Upper
146 100
111 39.9 20.0 59.9
148 64.3 31.9 95.7

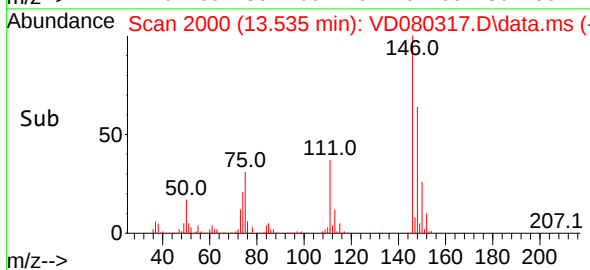
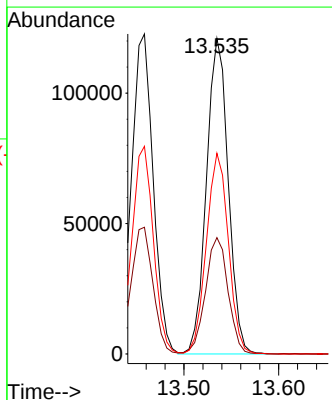
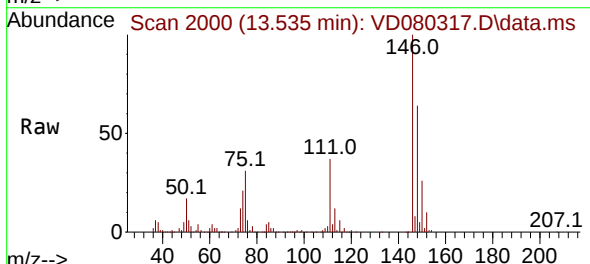
Manual Integrations
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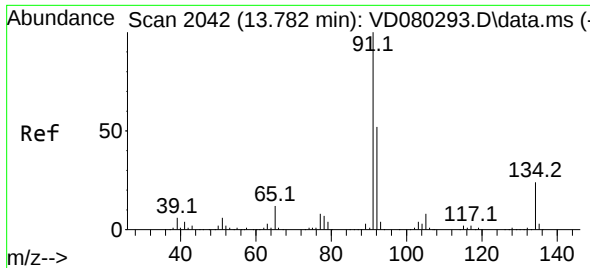
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#88
1,4-Dichlorobenzene
Concen: 54.780 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

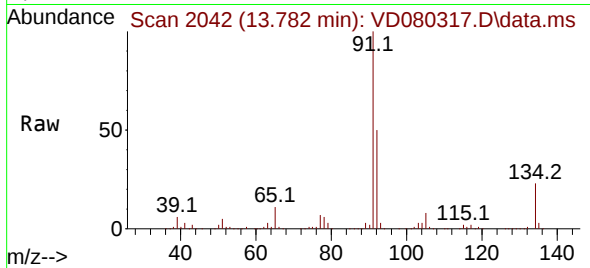
Tgt Ion:146 Resp: 193018
Ion Ratio Lower Upper
146 100
111 38.3 19.3 57.8
148 64.2 32.9 98.7





#89
n-Butylbenzene
Concen: 60.346 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

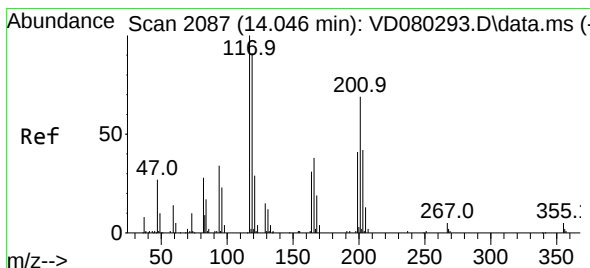
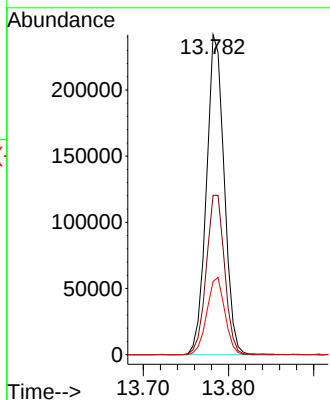
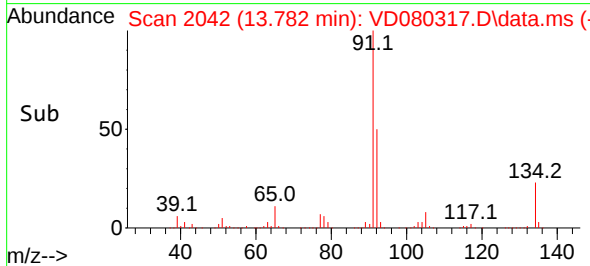
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



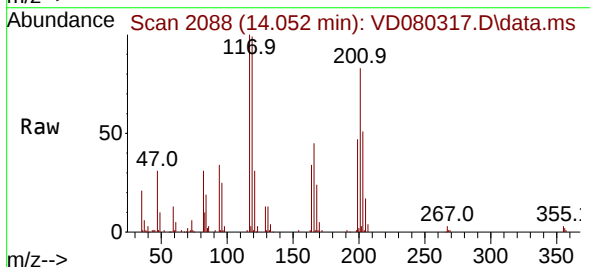
Tgt Ion: 91 Resp: 34914
Ion Ratio Lower Upper
91 100
92 51.4 26.3 78.9
134 24.5 12.3 36.8

Manual Integrations
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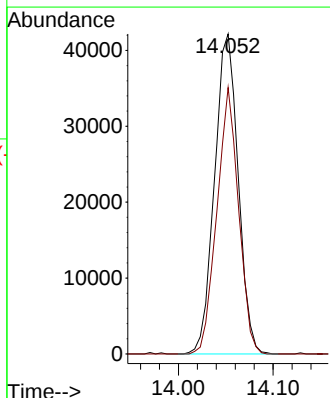
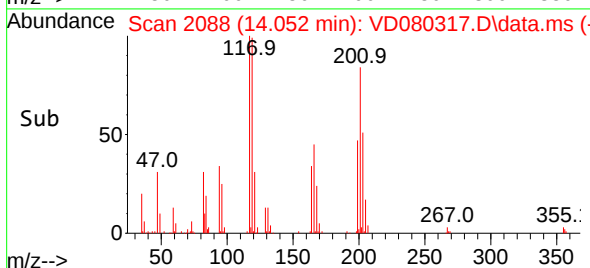
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

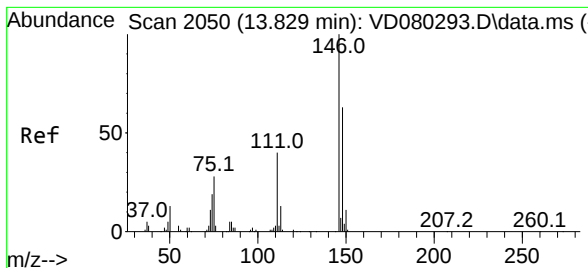


#90
Hexachloroethane
Concen: 55.413 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



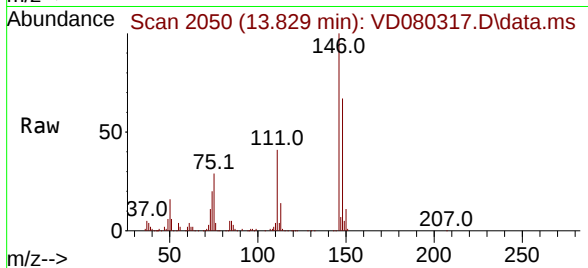
Tgt Ion:117 Resp: 73074
Ion Ratio Lower Upper
117 100
201 76.4 37.5 112.5





#91
1,2-Dichlorobenzene
Concen: 56.816 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

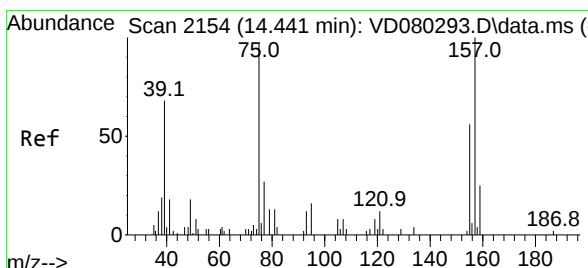
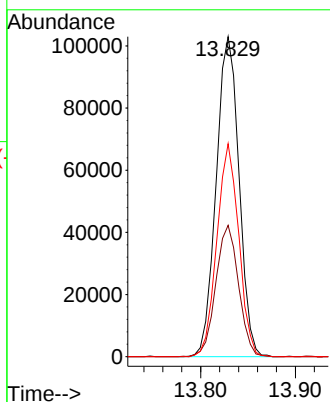
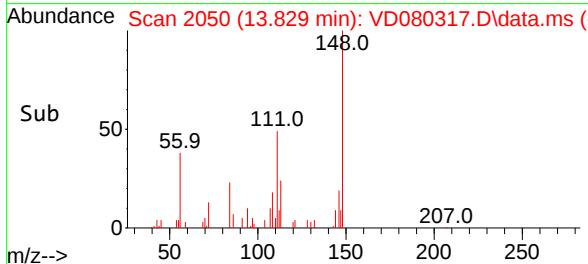
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



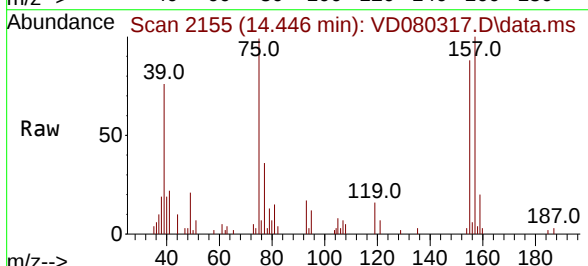
Tgt Ion:146 Resp: 17250
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.8
148 63.7 32.7 98.1

Manual Integrations
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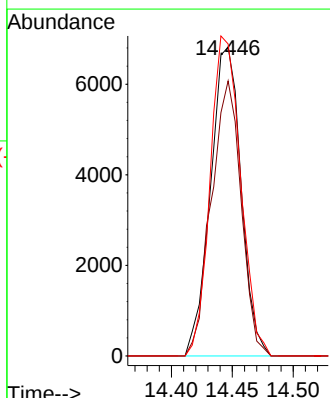
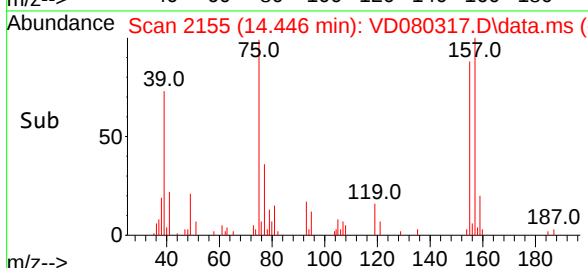
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

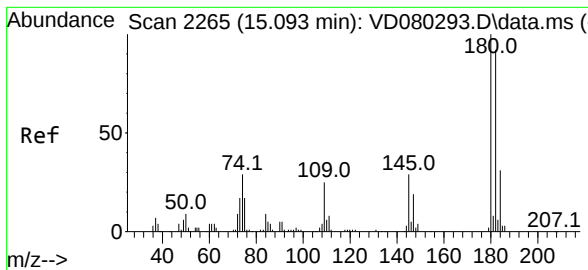


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.670 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.006 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



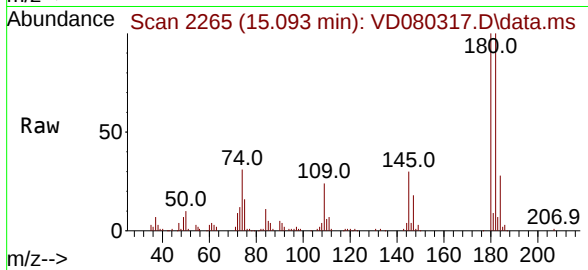
Tgt Ion: 75 Resp: 11927
Ion Ratio Lower Upper
75 100
155 86.7 40.6 122.0
157 102.7 53.3 159.9





#93
1,2,4-Trichlorobenzene
Concen: 56.881 ug/l
RT: 15.093 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

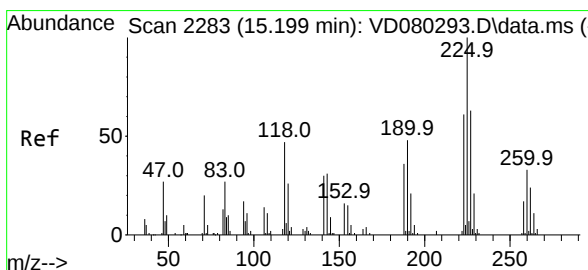
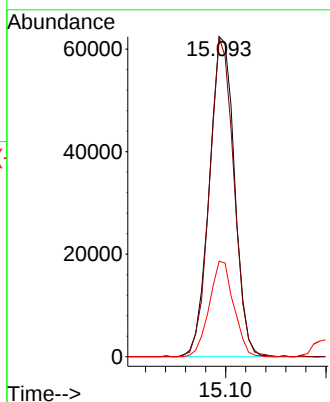
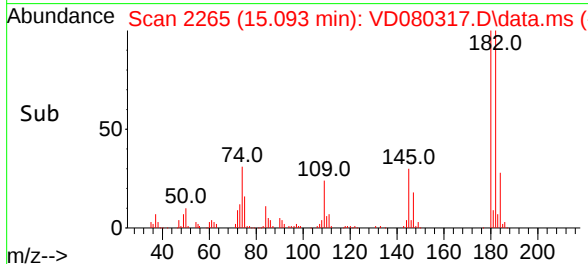
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



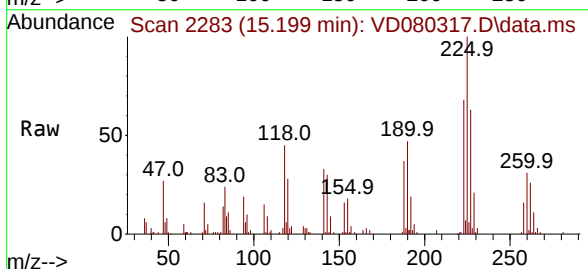
Tgt Ion:180 Resp: 108609
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.2
145 29.0 14.7 44.1

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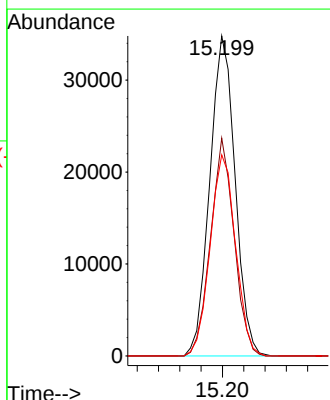
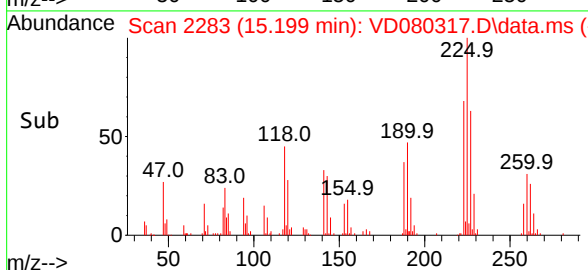
Reviewed By :Mahesh Dadoda 05/15/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

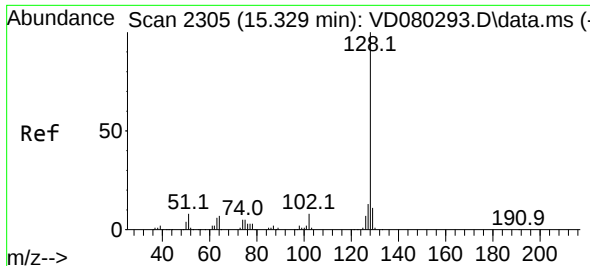


#94
Hexachlorobutadiene
Concen: 57.730 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



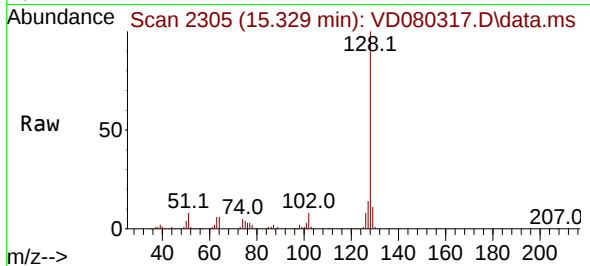
Tgt Ion:225 Resp: 57347
Ion Ratio Lower Upper
225 100
223 63.4 31.5 94.5
227 63.1 30.9 92.5





#95
Naphthalene
Concen: 55.182 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

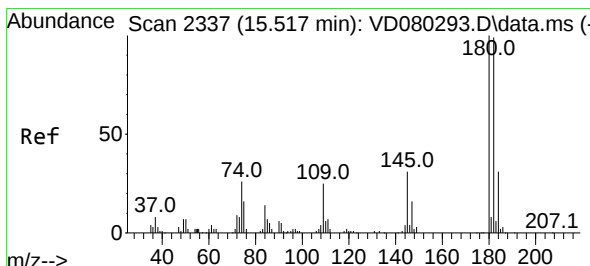
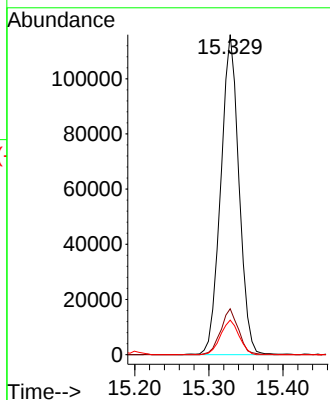
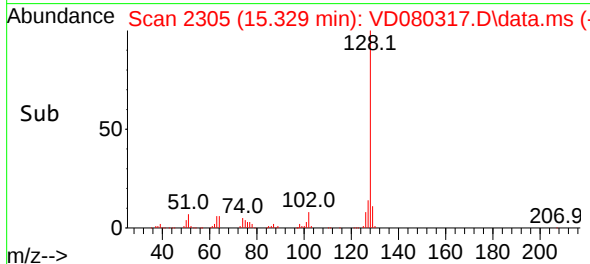
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



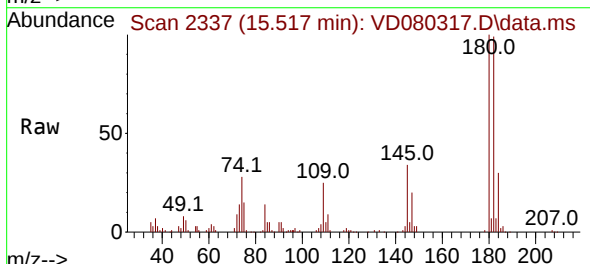
Tgt Ion:128 Resp: 19784
Ion Ratio Lower Upper
128 100
127 14.4 11.8 17.8
129 10.8 8.3 12.5

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Supervised By :Semsettin Yesilyurt 05/15/2025



#96
1,2,3-Trichlorobenzene
Concen: 55.967 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



Tgt Ion:180 Resp: 95576
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 32.7 15.7 47.0

