

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080338.D
 Acq On : 15 May 2025 10:21
 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 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 02:51:00 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	128836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	202771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	187678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	101416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	73230	43.954	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.900%		
35) Dibromofluoromethane	7.805	113	70816	52.107	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.220%		
50) Toluene-d8	10.270	98	278482	52.006	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.020%		
62) 4-Bromofluorobenzene	12.570	95	86690	50.439	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	77362	70.793	ug/l	99
3) Chloromethane	2.153	50	116522	52.932	ug/l	94
4) Vinyl Chloride	2.288	62	141980	42.390	ug/l	98
5) Bromomethane	2.700	94	97463	40.426	ug/l	99
6) Chloroethane	2.841	64	94882	40.066	ug/l	96
7) Trichlorofluoromethane	3.182	101	136730	53.239	ug/l	96
8) Diethyl Ether	3.600	74	39350	49.636	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.970	101	82415	52.084	ug/l	99
10) Methyl Iodide	4.164	142	96628	59.905	ug/l	100
11) Tert butyl alcohol	5.047	59	21584	213.494	ug/l #	85
12) 1,1-Dichloroethene	3.947	96	82001	52.564	ug/l	95
13) Acrolein	3.800	56	14848	83.471	ug/l	97
14) Allyl chloride	4.564	41	123638	50.393	ug/l	96
15) Acrylonitrile	5.253	53	88678	232.670	ug/l	99
16) Acetone	4.023	43	92231	363.471	ug/l	97
17) Carbon Disulfide	4.276	76	285685	52.737	ug/l	99
18) Methyl Acetate	4.564	43	44482	41.261	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	179284	52.313	ug/l	96
20) Methylene Chloride	4.800	84	97656	55.289	ug/l	89
21) trans-1,2-Dichloroethene	5.317	96	92237	54.425	ug/l	98
22) Diisopropyl ether	6.211	45	263793	52.195	ug/l	96
23) Vinyl Acetate	6.158	43	765416	260.031	ug/l	98
24) 1,1-Dichloroethane	6.117	63	163719	51.479	ug/l	100
25) 2-Butanone	7.082	43	116269	253.635	ug/l	99
26) 2,2-Dichloropropane	7.076	77	138657	54.791	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	101674	54.150	ug/l	97
28) Bromochloromethane	7.429	49	62818	42.423	ug/l	91
29) Tetrahydrofuran	7.441	42	71142	238.020	ug/l	98
30) Chloroform	7.594	83	160420	50.582	ug/l	96
31) Cyclohexane	7.876	56	139369	51.490	ug/l	99
32) 1,1,1-Trichloroethane	7.794	97	142456	55.056	ug/l	98
36) 1,1-Dichloropropene	8.011	75	118894	58.536	ug/l	98
37) Ethyl Acetate	7.164	43	51345	48.343	ug/l	98
38) Carbon Tetrachloride	7.994	117	122305	57.739	ug/l	93
39) Methylcyclohexane	9.276	83	143995	61.095	ug/l	98
40) Benzene	8.252	78	359149	56.433	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	29167	49.624	ug/l	95
42) 1,2-Dichloroethane	8.329	62	96794	52.487	ug/l	100
43) Isopropyl Acetate	8.358	43	97631	50.692	ug/l	98
44) Trichloroethene	9.029	130	85583	57.931	ug/l	93
45) 1,2-Dichloropropane	9.299	63	88762	54.382	ug/l	95
46) Dibromomethane	9.394	93	48775	54.886	ug/l	98
47) Bromodichloromethane	9.582	83	125073	55.451	ug/l	100
48) Methyl methacrylate	9.382	41	48613	53.123	ug/l	93
49) 1,4-Dioxane	9.388	88	9591	907.773	ug/l	96
51) 4-Methyl-2-Pentanone	10.158	43	258886	260.882	ug/l	96
52) Toluene	10.335	92	221780	57.844	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	114119	55.498	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	135811	56.996	ug/l	96
55) 1,1,2-Trichloroethane	10.735	97	62836	53.455	ug/l	95
56) Ethyl methacrylate	10.594	69	80429	56.465	ug/l	99
57) 1,3-Dichloropropane	10.876	76	107008	54.774	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	155362	266.522	ug/l	98
59) 2-Hexanone	10.917	43	182260	266.994	ug/l	99
60) Dibromochloromethane	11.070	129	80459	54.618	ug/l	98
61) 1,2-Dibromoethane	11.182	107	59535	54.619	ug/l	99
64) Tetrachloroethene	10.811	164	74356	58.506	ug/l	98
65) Chlorobenzene	11.605	112	232686	54.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.682	131	81141	55.732	ug/l	99
67) Ethyl Benzene	11.682	91	415083	58.613	ug/l	98
68) m/p-Xylenes	11.793	106	330823	120.312	ug/l	99
69) o-Xylene	12.117	106	149320	59.427	ug/l	96
70) Styrene	12.135	104	265611	58.870	ug/l	99
71) Bromoform	12.299	173	46690	53.977	ug/l #	98
73) Isopropylbenzene	12.417	105	389378	59.188	ug/l	100
74) N-amyl acetate	12.229	43	97199	51.479	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	71381	49.341	ug/l	100
76) 1,2,3-Trichloropropane	12.723	75	54628m	55.811	ug/l	
77) Bromobenzene	12.699	156	92008	53.918	ug/l	96
78) n-propylbenzene	12.758	91	494888	59.945	ug/l	100
79) 2-Chlorotoluene	12.846	91	278417	57.978	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	330481	58.898	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.464	75	27581	53.487	ug/l	99
82) 4-Chlorotoluene	12.946	91	291908	56.313	ug/l	99
83) tert-Butylbenzene	13.164	119	277397	59.243	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	337550	58.796	ug/l	99
85) sec-Butylbenzene	13.340	105	428165	59.298	ug/l	100
86) p-Isopropyltoluene	13.458	119	363065	59.828	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	194723	54.717	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	188790	52.622	ug/l	98
89) n-Butylbenzene	13.787	91	349615	59.348	ug/l	99
90) Hexachloroethane	14.052	117	72348	53.882	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	168185	54.404	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.440	75	11973	51.928	ug/l	91
93) 1,2,4-Trichlorobenzene	15.099	180	104633	53.819	ug/l	99
94) Hexachlorobutadiene	15.199	225	56239	55.602	ug/l	100
95) Naphthalene	15.329	128	191844	52.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	93558	53.806	ug/l	99

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ClientSampleId :
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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

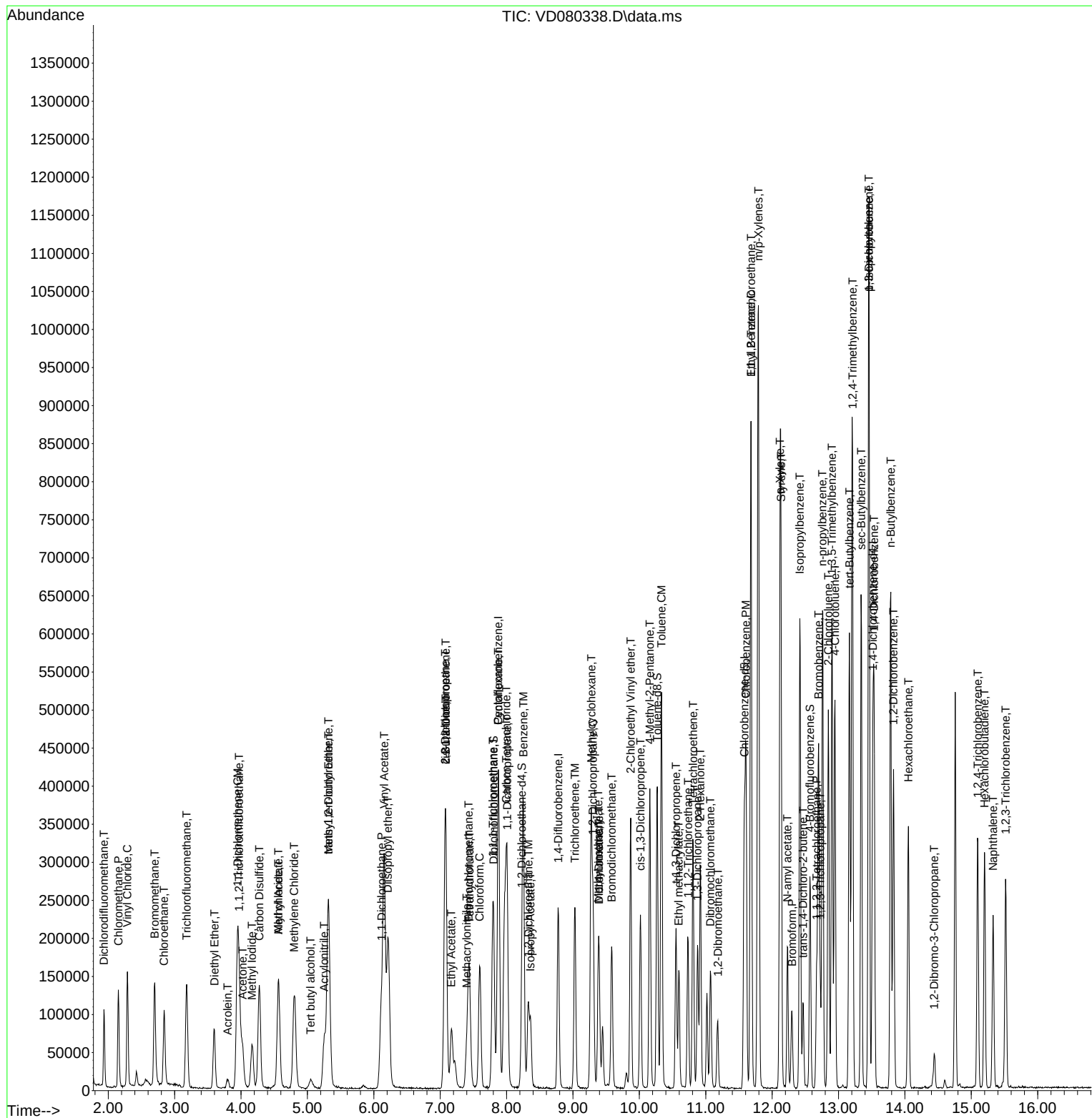
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
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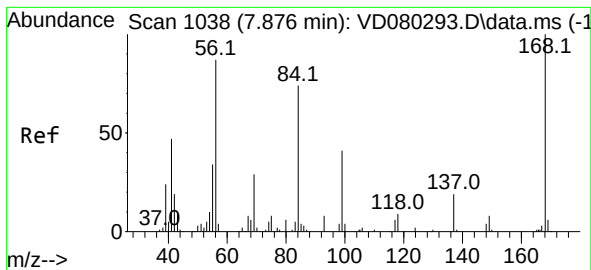
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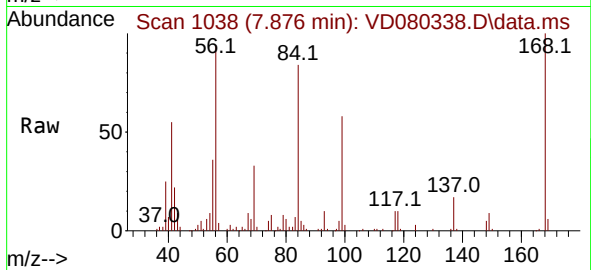
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080338.D
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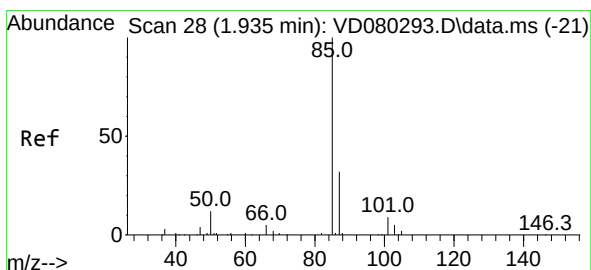
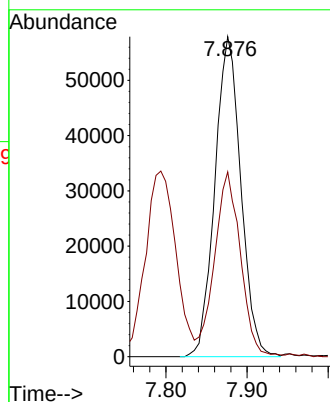
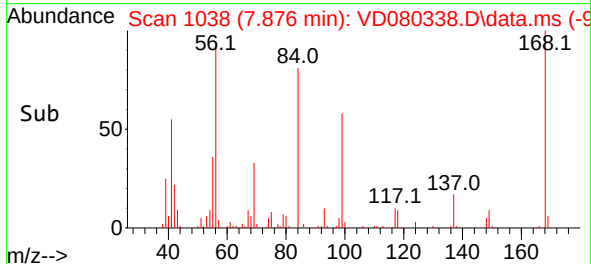
Instrument :
MSVOA_D
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VSTDCCC050



Tgt Ion:168 Resp: 128836
Ion Ratio Lower Upper
168 100
99 57.2 46.0 69.0

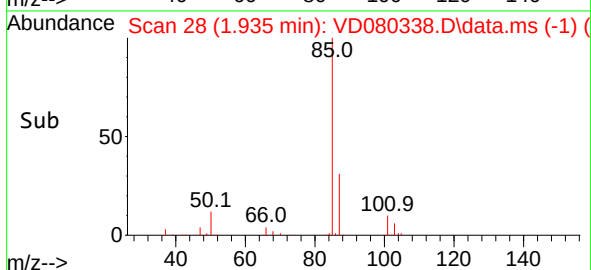
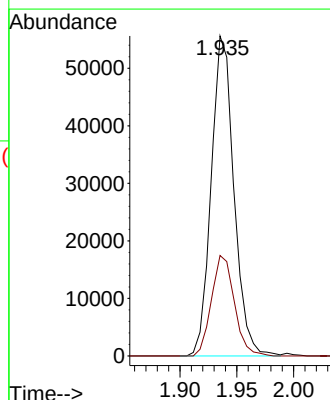
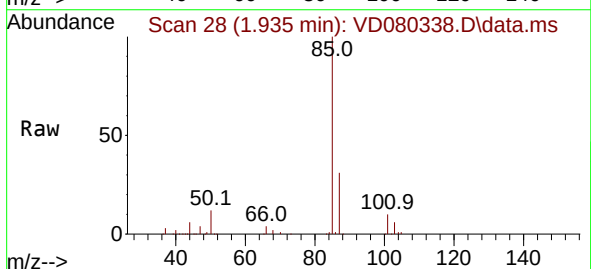
Manual Integrations
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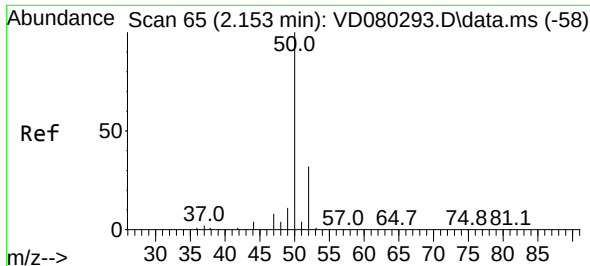
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 70.793 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

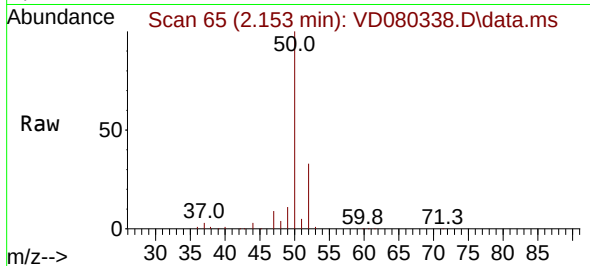
Tgt Ion: 85 Resp: 77362
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2





#3
Chloromethane
Concen: 52.932 ug/l
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

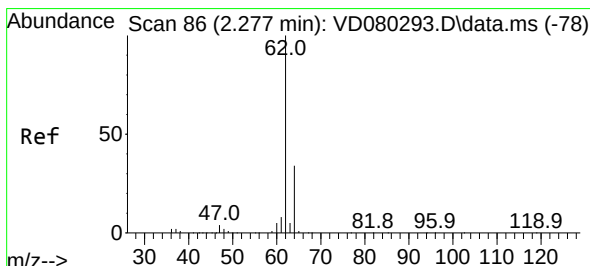
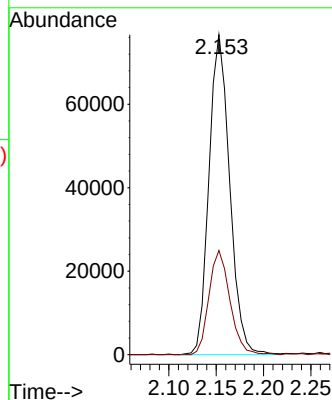
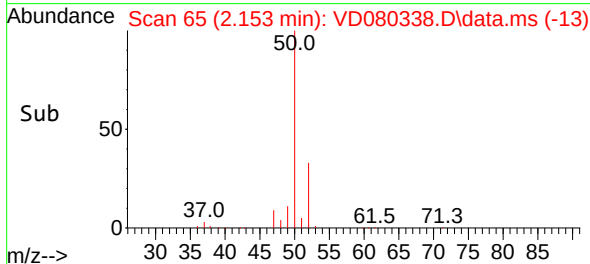
Instrument :
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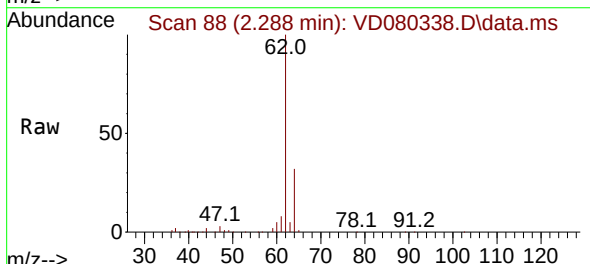
Tgt Ion: 50 Resp: 11652
Ion Ratio Lower Upper
50 100
52 32.5 28.8 43.2

Manual Integrations
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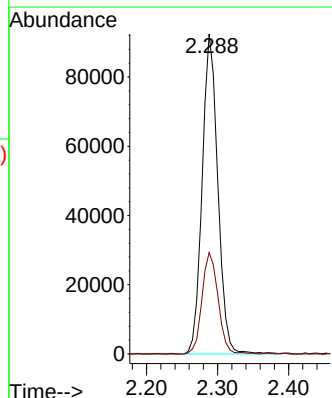
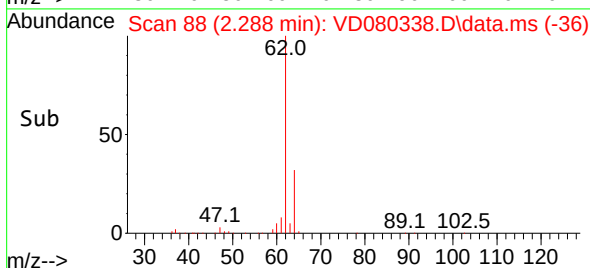
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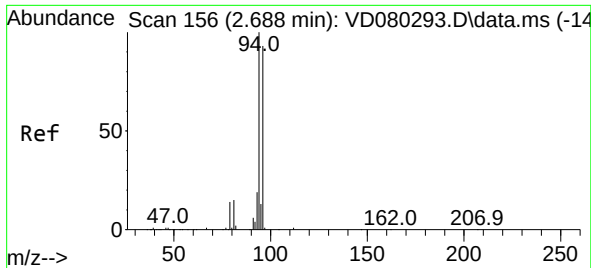


#4
Vinyl Chloride
Concen: 42.390 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.007 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21



Tgt Ion: 62 Resp: 141980
Ion Ratio Lower Upper
62 100
64 31.7 26.5 39.7





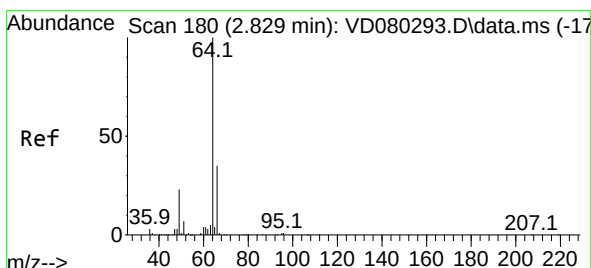
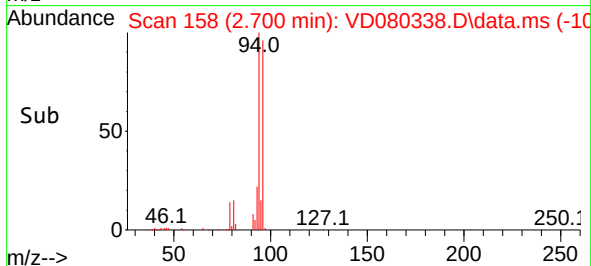
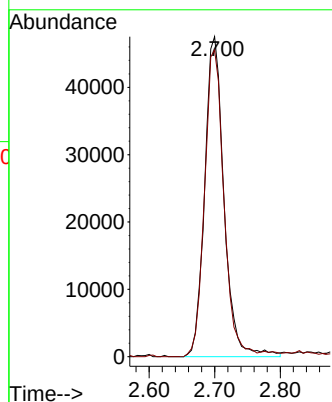
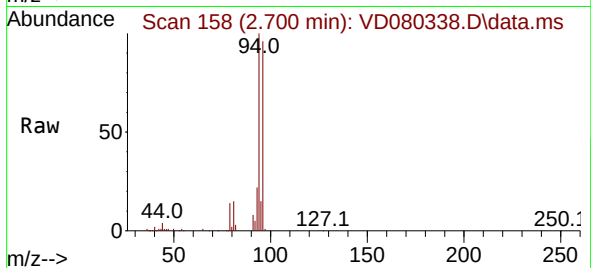
#5
Bromomethane
Concen: 40.426 ug/l
RT: 2.700 min Scan# 11
Delta R.T. 0.007 min
Lab File: VD080338.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 9746
Ion Ratio Lower Upper
94 100
96 96.0 76.2 114.2

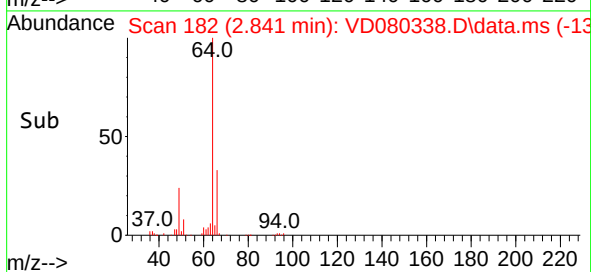
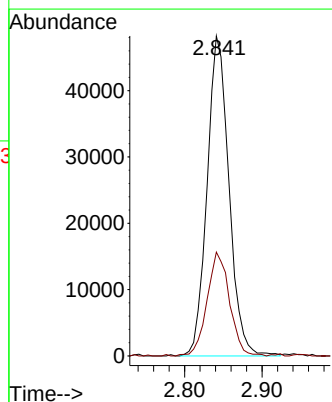
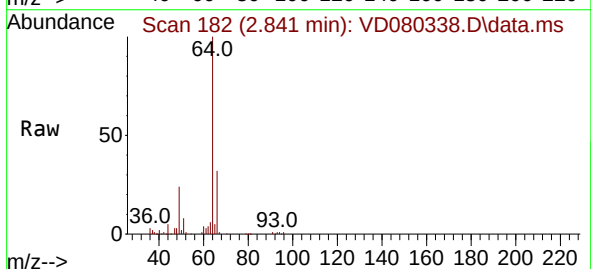
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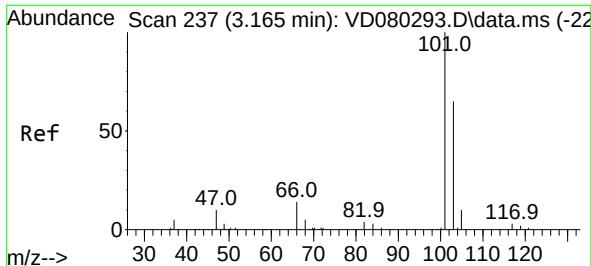
Reviewed By :Mahesh Dadoda 05/16/2025
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#6
Chloroethane
Concen: 40.066 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.007 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Tgt Ion: 64 Resp: 94882
Ion Ratio Lower Upper
64 100
66 32.0 27.6 41.4





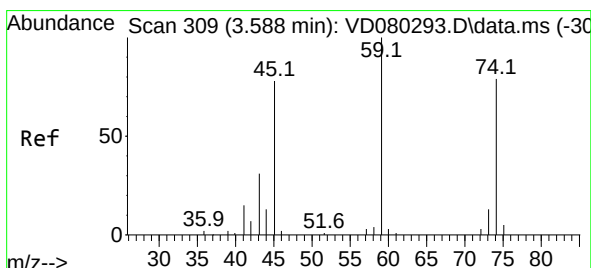
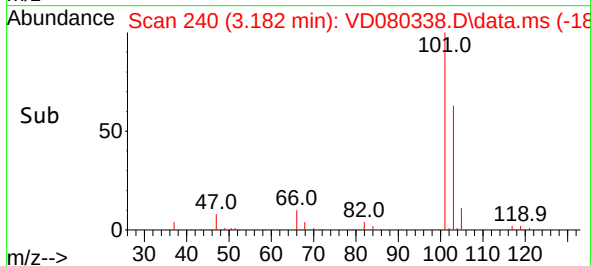
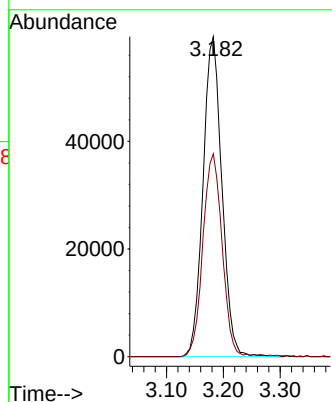
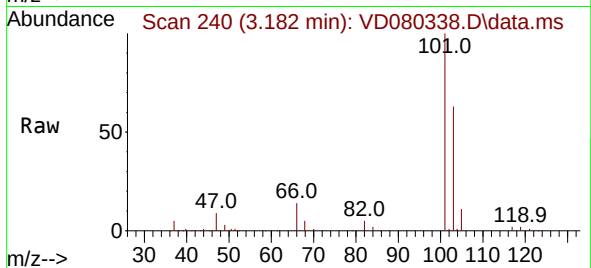
#7
Trichlorofluoromethane
Concen: 53.239 ug/l
RT: 3.182 min Scan# 240
Delta R.T. 0.012 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:101 Resp: 136730
Ion Ratio Lower Upper
101 100
103 63.4 53.0 79.6

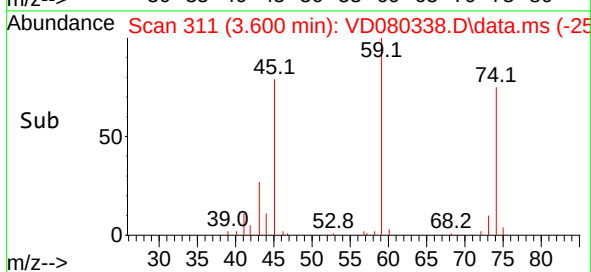
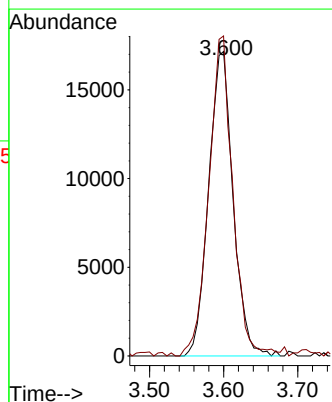
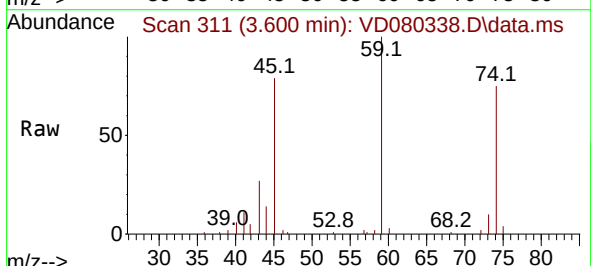
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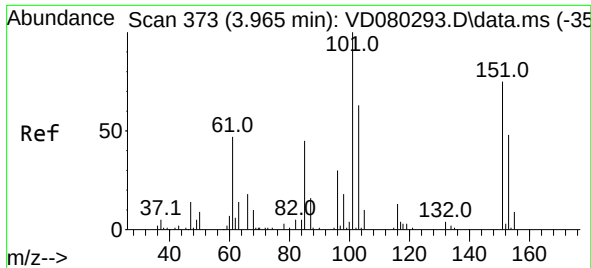
Reviewed By :Mahesh Dadoda 05/16/2025
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#8
Diethyl Ether
Concen: 49.636 ug/l
RT: 3.600 min Scan# 311
Delta R.T. 0.007 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Tgt Ion: 74 Resp: 39350
Ion Ratio Lower Upper
74 100
45 102.8 47.8 143.3





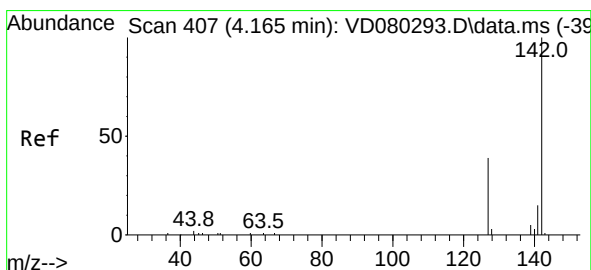
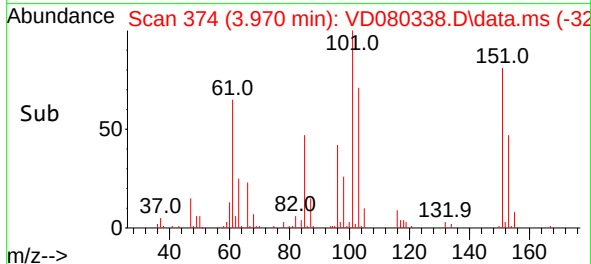
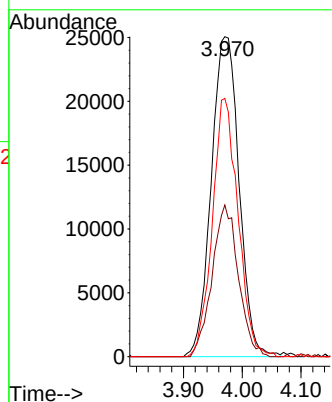
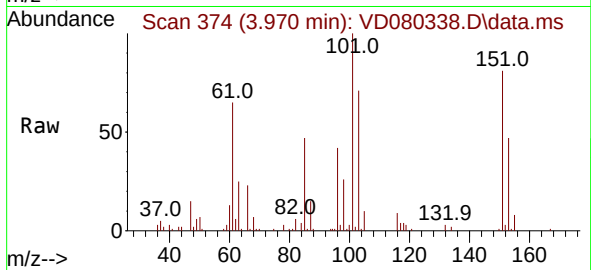
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.084 ug/l
RT: 3.970 min Scan# 373
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 82415
Ion Ratio Lower Upper
101 100
85 44.8 35.3 52.9
151 74.4 60.3 90.5

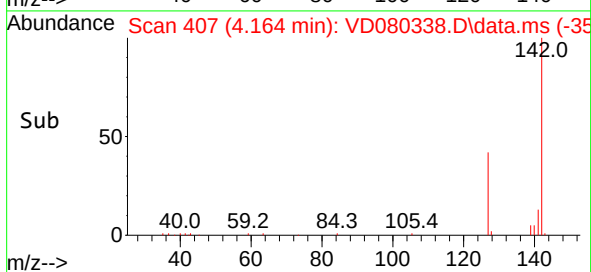
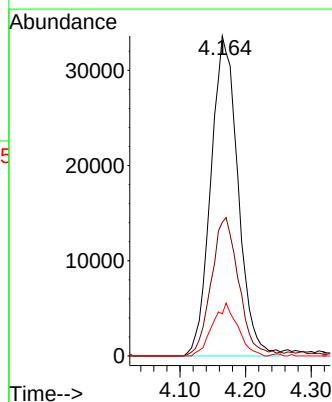
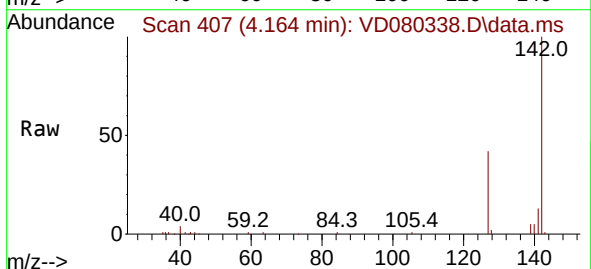
Manual Integrations
APPROVED

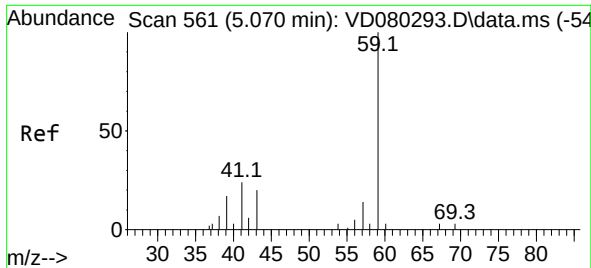
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 59.905 ug/l
RT: 4.164 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

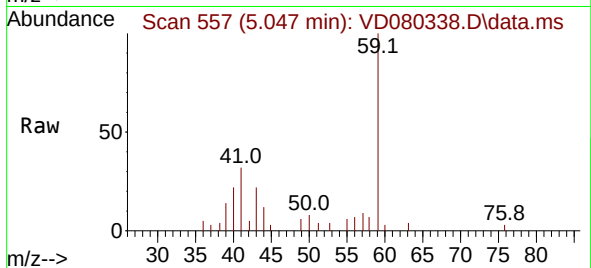
Tgt Ion:142 Resp: 96628
Ion Ratio Lower Upper
142 100
127 44.0 35.3 52.9
141 15.4 12.2 18.2





#11
Tert butyl alcohol
Concen: 213.494 ug/l
RT: 5.047 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

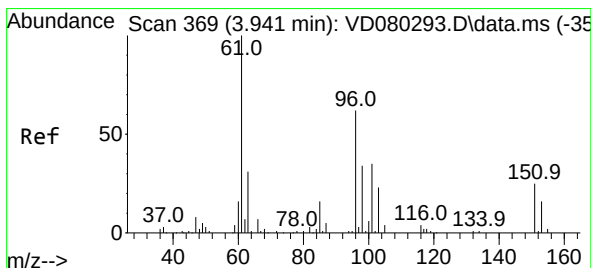
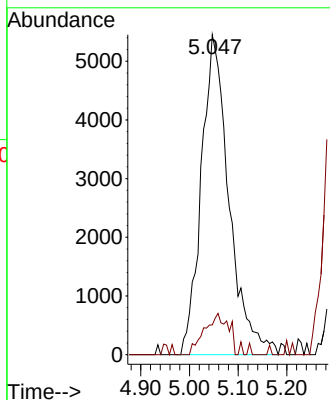
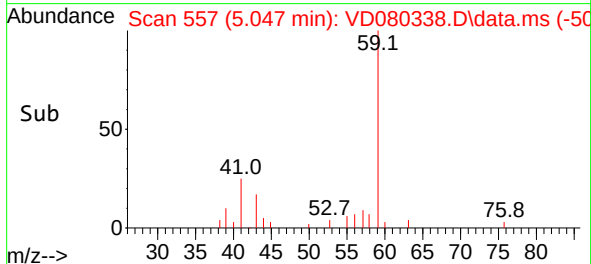
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



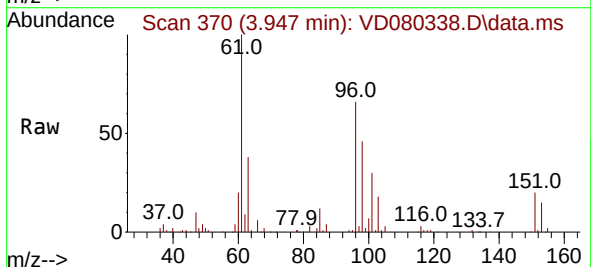
Tgt Ion: 59 Resp: 21584
Ion Ratio Lower Upper
59 100
57 11.0 4.8 7.2

Manual Integrations
APPROVED

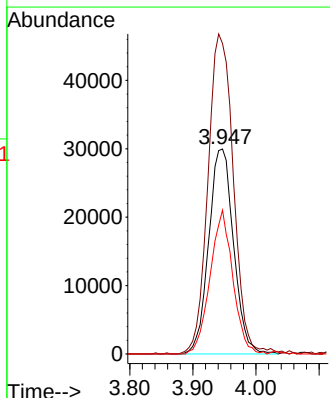
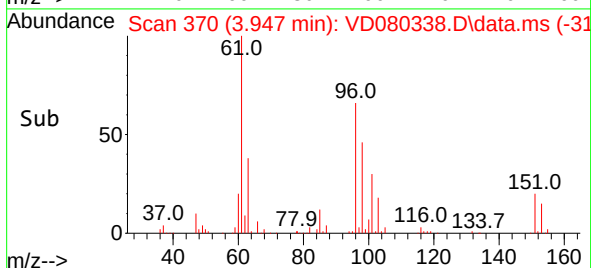
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

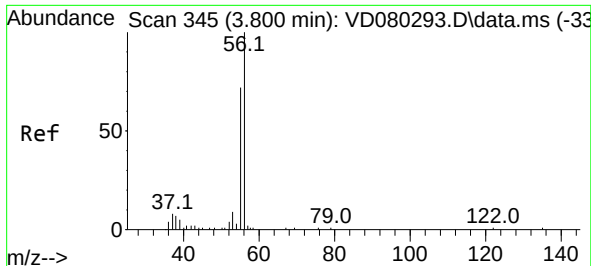


#12
1,1-Dichloroethene
Concen: 52.564 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.007 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21



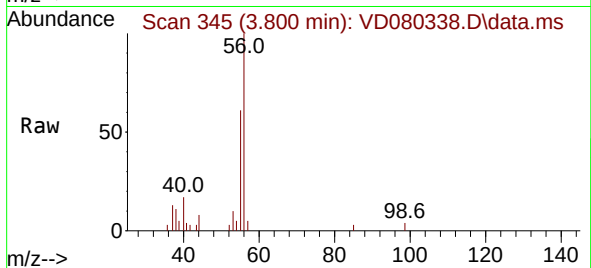
Tgt Ion: 96 Resp: 82001
Ion Ratio Lower Upper
96 100
61 151.4 122.6 184.0
98 70.2 47.1 70.7





#13
Acrolein
Concen: 83.471 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.007 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

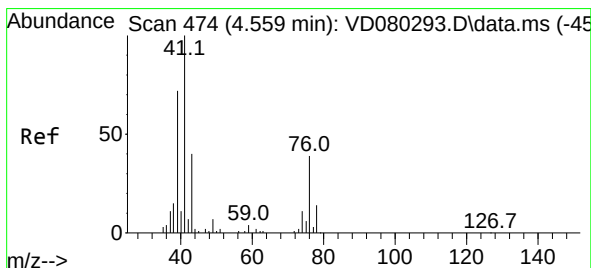
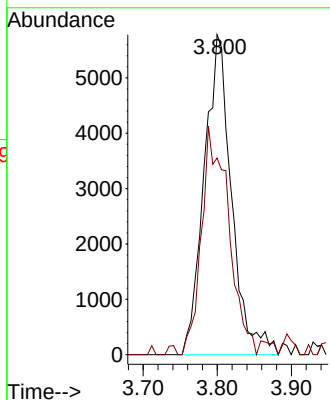
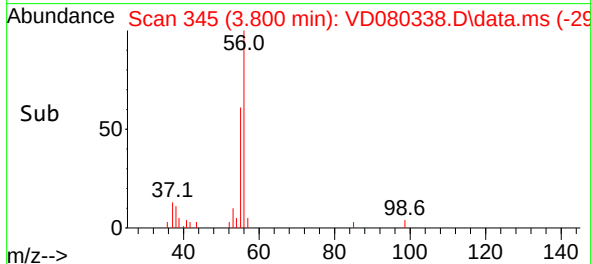
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14848
Ion Ratio Lower Upper
56 100
55 70.4 58.2 87.2

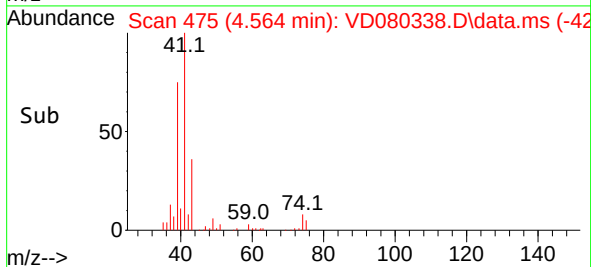
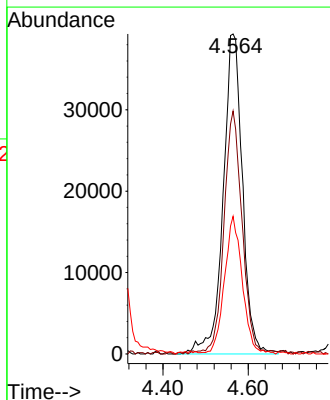
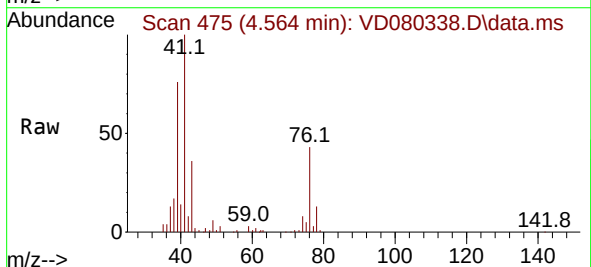
Manual Integrations
APPROVED

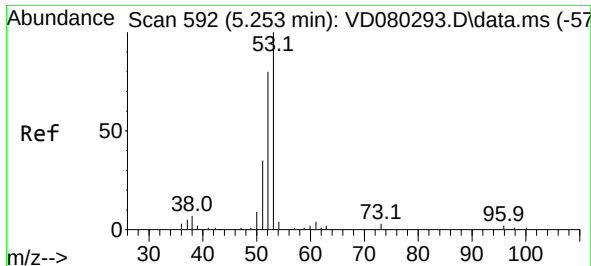
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#14
Allyl chloride
Concen: 50.393 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

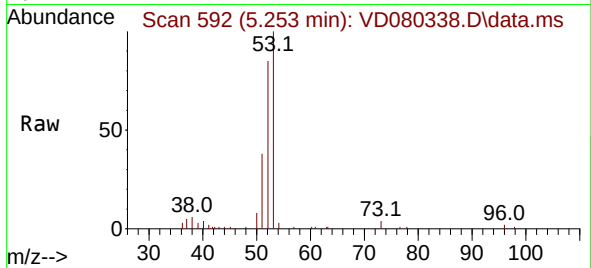
Tgt Ion: 41 Resp: 123638
Ion Ratio Lower Upper
41 100
39 71.6 53.3 79.9
76 40.0 32.0 48.0





#15
Acrylonitrile
Concen: 232.670 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

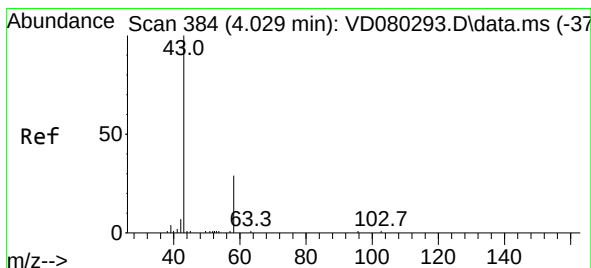
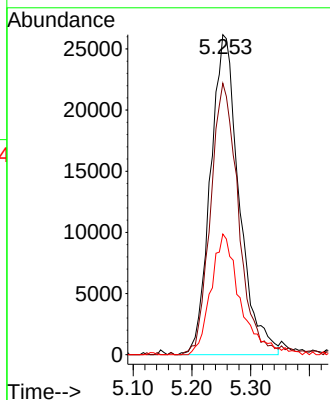
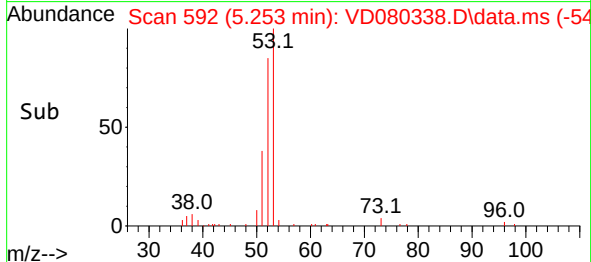
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 88678
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.4
51 38.8 30.3 45.5

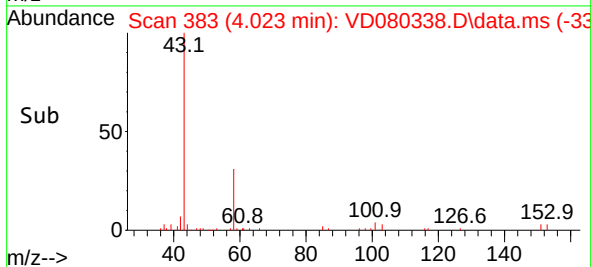
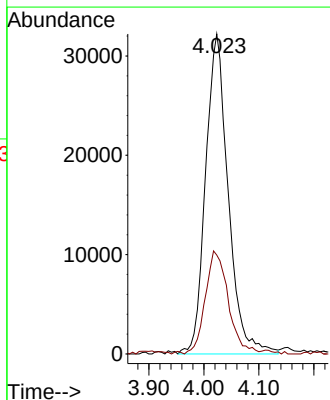
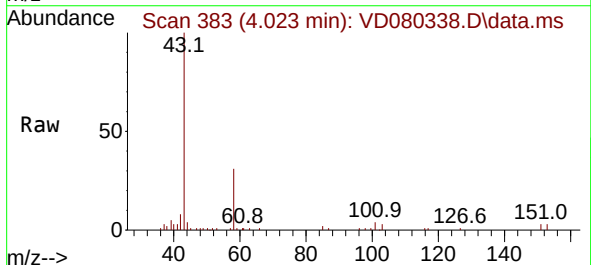
Manual Integrations
APPROVED

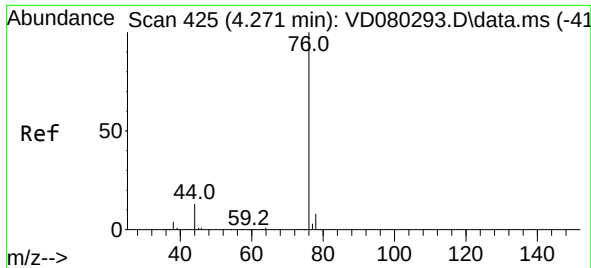
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#16
Acetone
Concen: 363.471 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

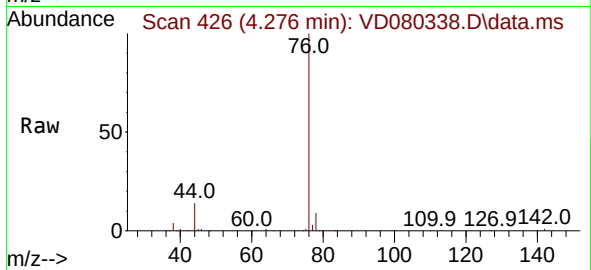
Tgt Ion: 43 Resp: 92231
Ion Ratio Lower Upper
43 100
58 30.3 25.4 38.2





#17
Carbon Disulfide
Concen: 52.737 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

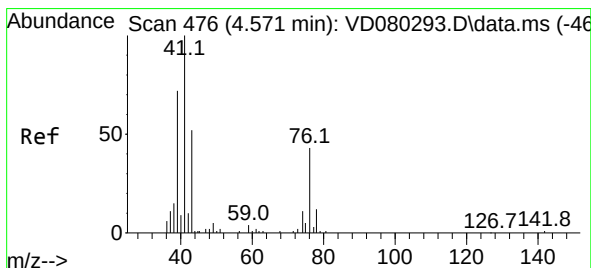
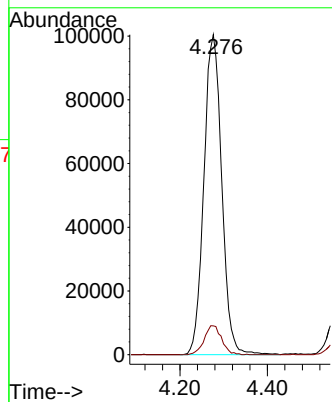
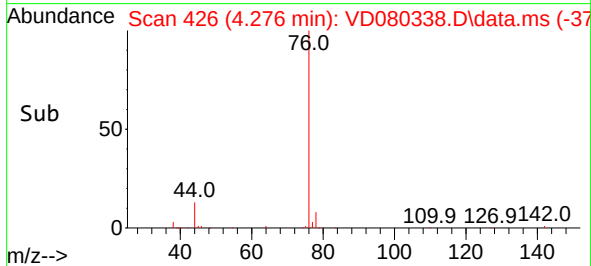
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 28568
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

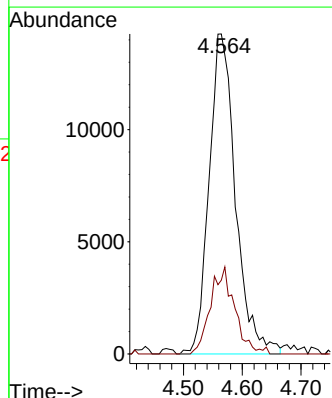
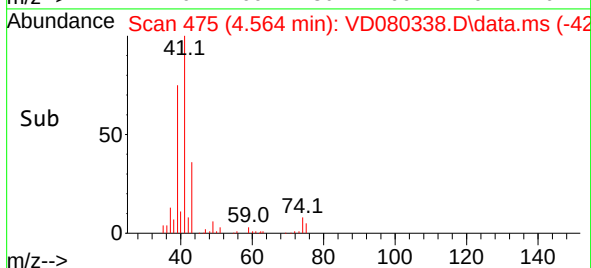
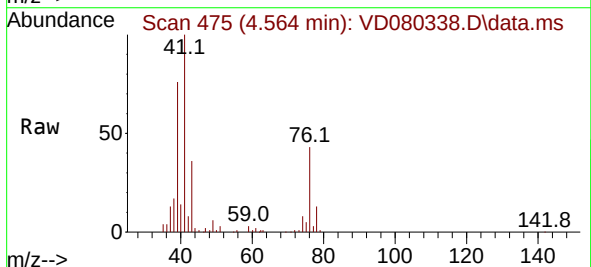
Manual Integrations
APPROVED

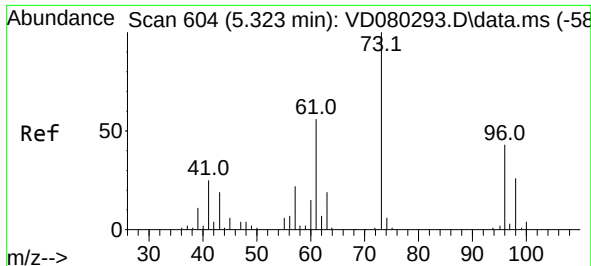
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#18
Methyl Acetate
Concen: 41.261 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Tgt Ion: 43 Resp: 44482
Ion Ratio Lower Upper
43 100
74 25.0 20.5 30.7





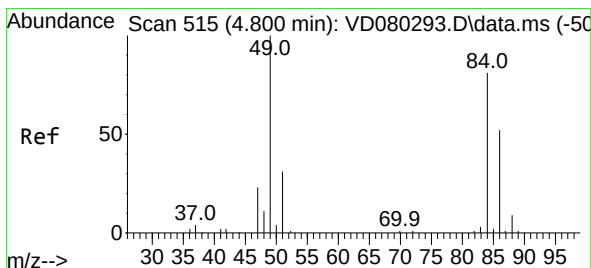
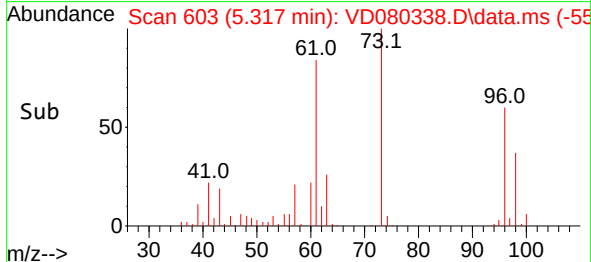
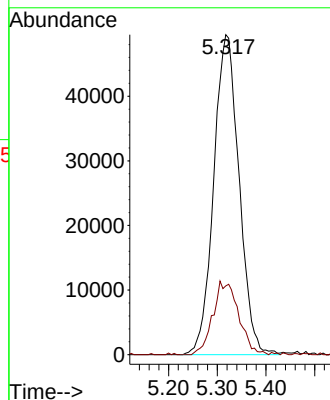
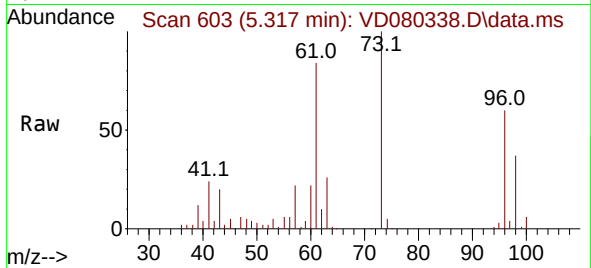
#19
Methyl tert-butyl Ether
Concen: 52.313 ug/l
RT: 5.317 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 179284
Ion Ratio Lower Upper
73 100
57 21.5 18.8 28.2

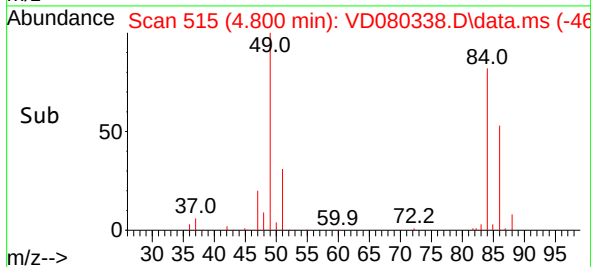
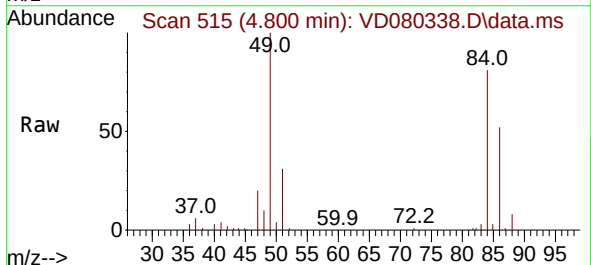
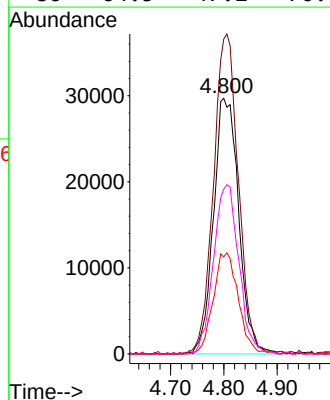
Manual Integrations
APPROVED

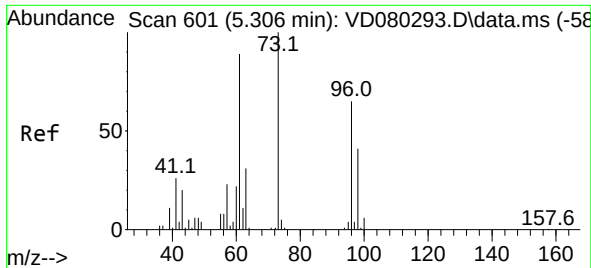
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#20
Methylene Chloride
Concen: 55.289 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

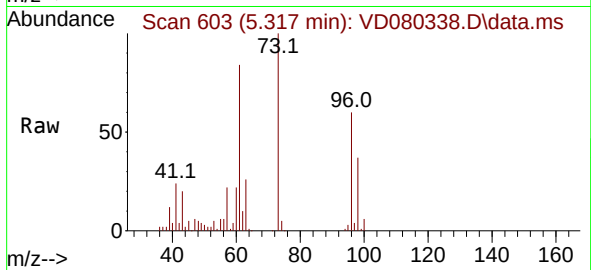
Tgt Ion: 84 Resp: 97656
Ion Ratio Lower Upper
84 100
49 122.6 86.5 129.7
51 38.0 26.9 40.3
86 64.5 47.2 70.8





#21
trans-1,2-Dichloroethene
Concen: 54.425 ug/l
RT: 5.317 min Scan# 601
Delta R.T. 0.006 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

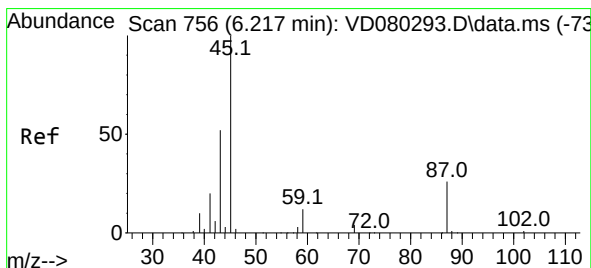
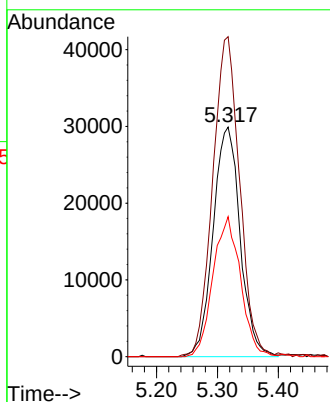
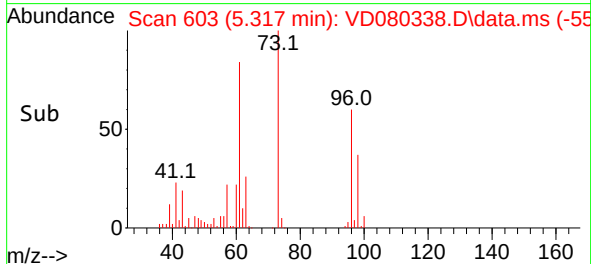
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 9223
Ion Ratio Lower Upper
96 100
61 139.4 109.4 164.0
98 61.0 49.8 74.8

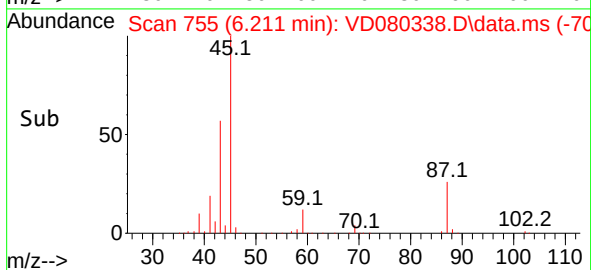
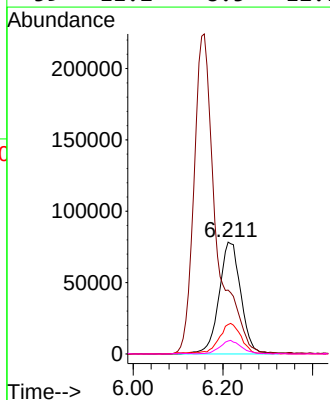
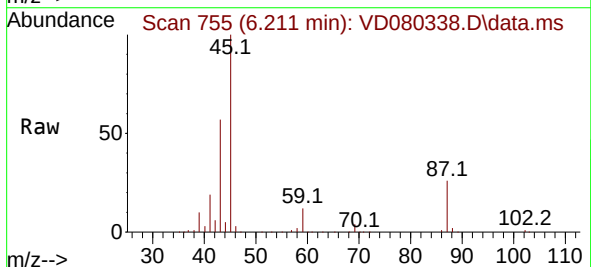
Manual Integrations
APPROVED

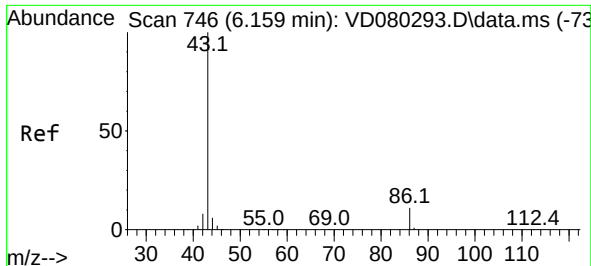
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#22
Diisopropyl ether
Concen: 52.195 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

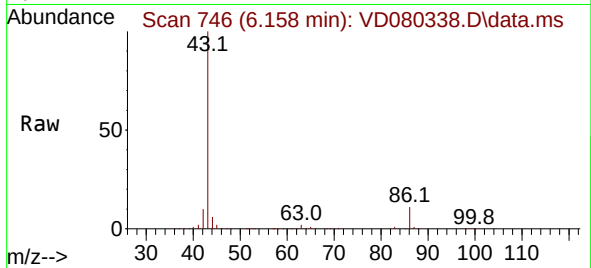
Tgt Ion: 45 Resp: 263793
Ion Ratio Lower Upper
45 100
43 56.1 42.6 63.8
87 26.1 22.7 34.1
59 11.2 8.5 12.7





#23
 Vinyl Acetate
 Concen: 260.031 ug/l
 RT: 6.158 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080338.D
 Acq: 15 May 2025 10:21

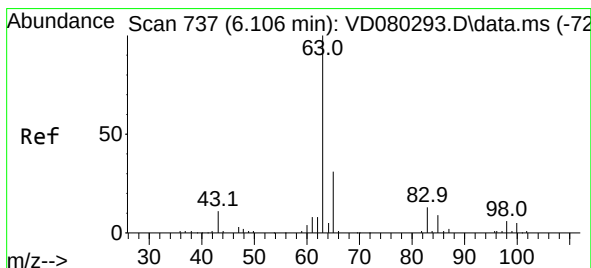
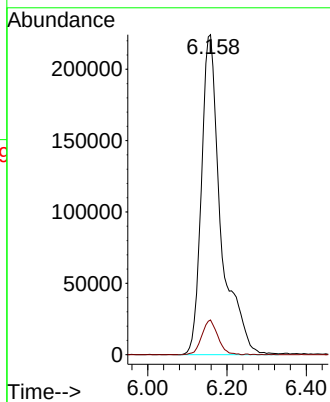
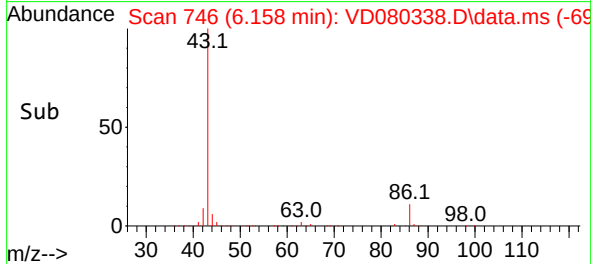
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



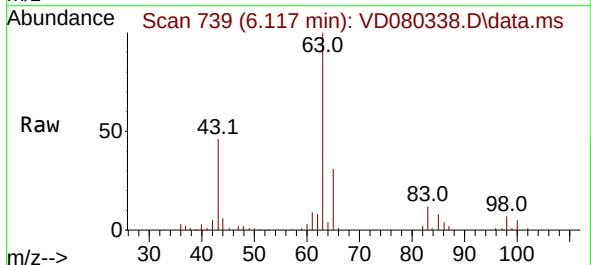
Tgt Ion: 43 Resp: 765410
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.4 14.0

Manual Integrations
 APPROVED

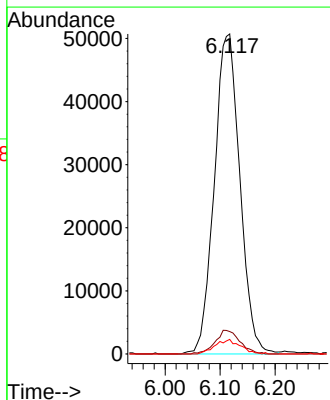
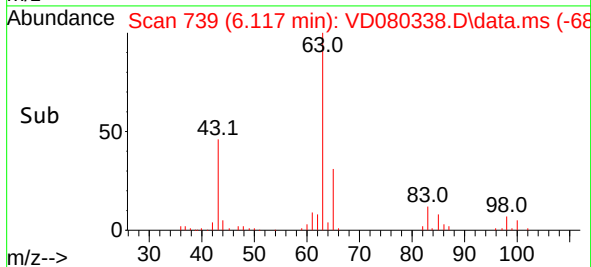
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

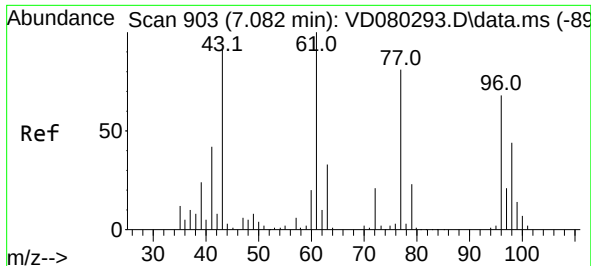


#24
 1,1-Dichloroethane
 Concen: 51.479 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD080338.D
 Acq: 15 May 2025 10:21



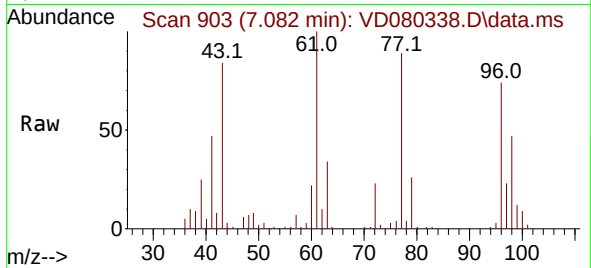
Tgt Ion: 63 Resp: 163719
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 253.635 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

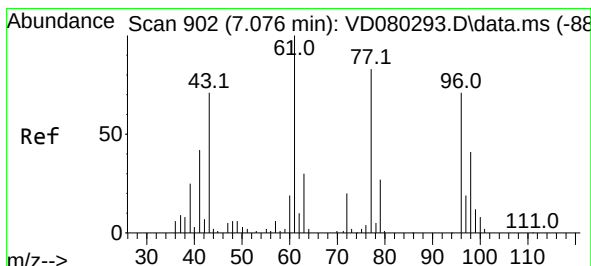
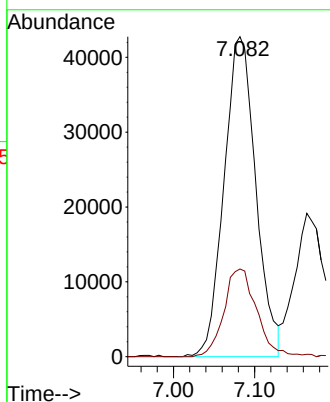
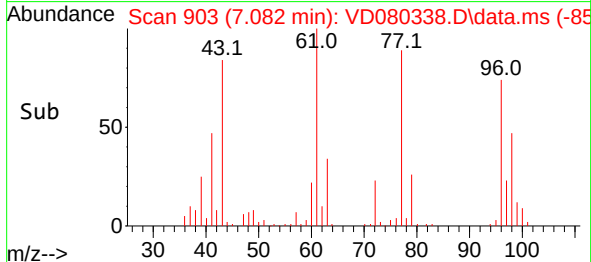
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



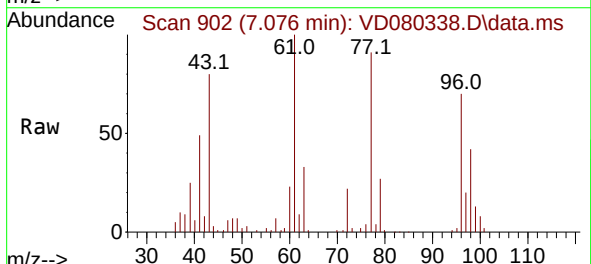
Tgt Ion: 43 Resp: 116269
Ion Ratio Lower Upper
43 100
72 27.4 22.3 33.5

Manual Integrations
APPROVED

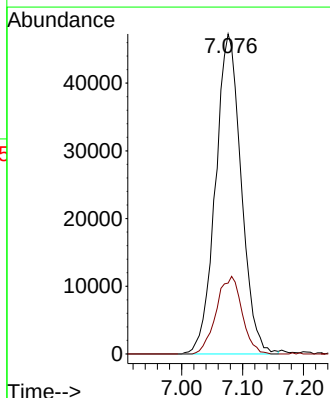
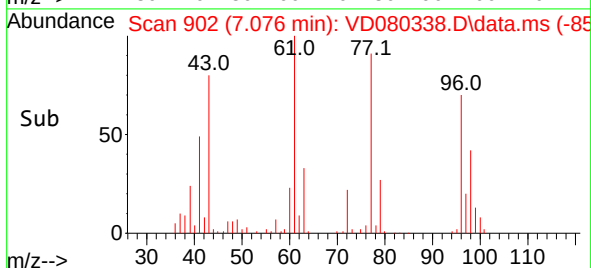
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

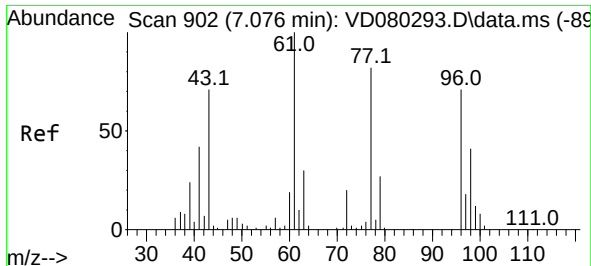


#26
2,2-Dichloropropane
Concen: 54.791 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21



Tgt Ion: 77 Resp: 138657
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 54.150 ug/l

RT: 7.082 min Scan# 902

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA_D

ClientSampleId :

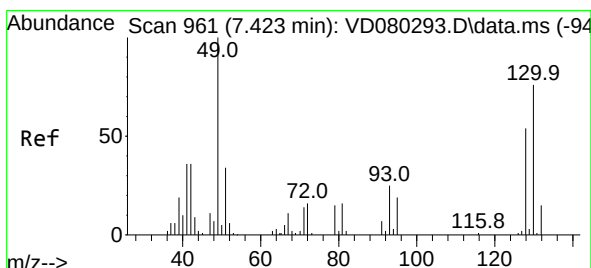
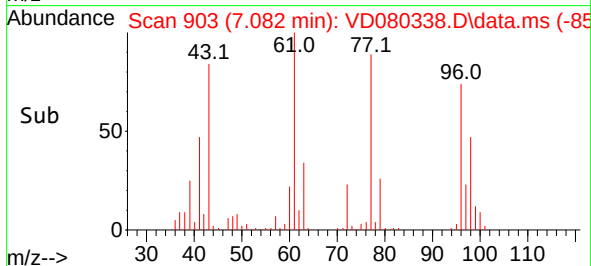
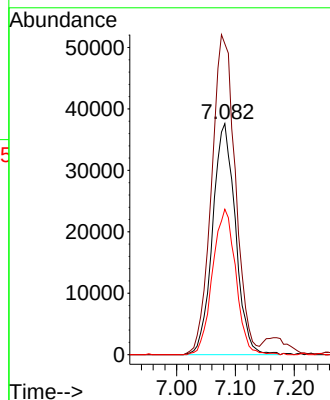
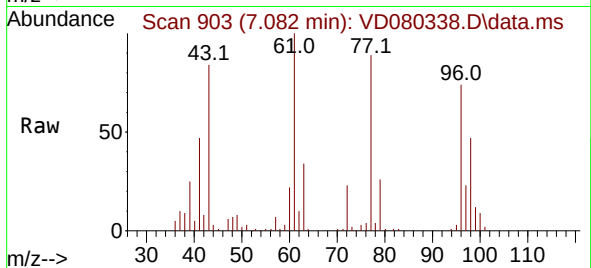
VSTDCCC050

Tgt Ion: 96 Resp: 101674
Ion Ratio Lower Upper
96 100
61 144.7 0.0 278.2
98 64.1 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#28

Bromochloromethane

Concen: 42.423 ug/l

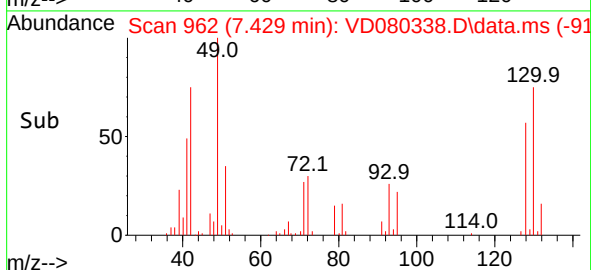
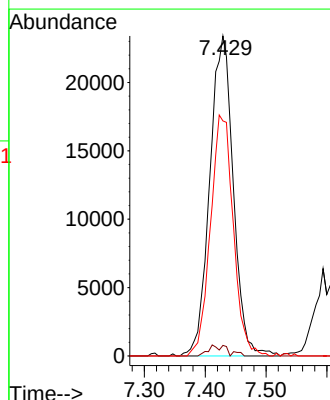
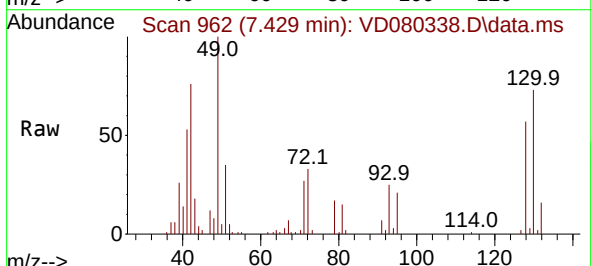
RT: 7.429 min Scan# 962

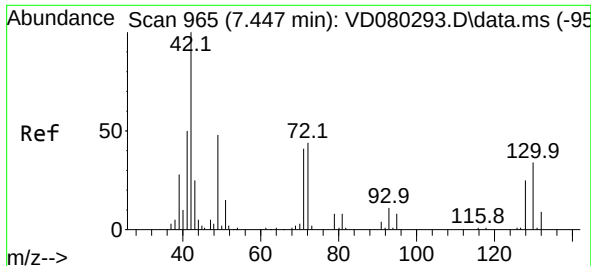
Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Tgt Ion: 49 Resp: 62818
Ion Ratio Lower Upper
49 100
129 1.5 0.0 2.2
130 73.0 64.6 97.0





#29

Tetrahydrofuran

Concen: 238.020 ug/l

RT: 7.441 min Scan# 90

Delta R.T. -0.005 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA_D

ClientSampleId :

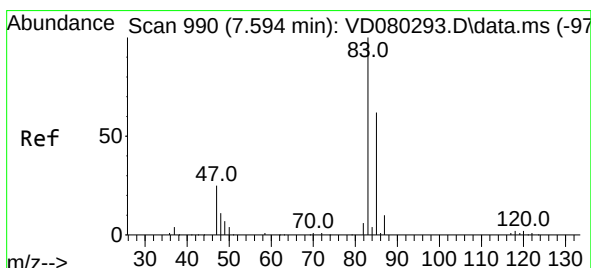
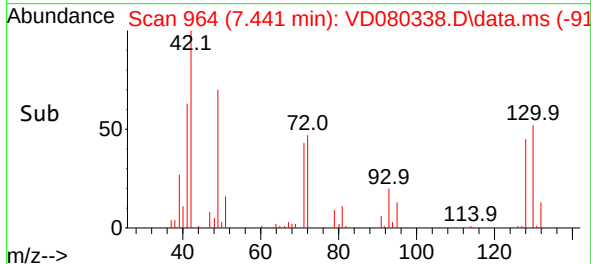
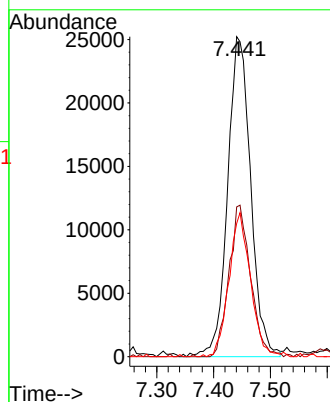
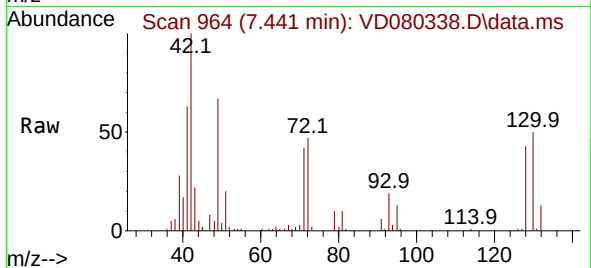
VSTDCCC050

Tgt Ion:	42	Resp:	7114
Ion Ratio	Lower	Upper	
42	100		
72	44.3	36.7	55.1
71	42.1	34.4	51.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#30

Chloroform

Concen: 50.582 ug/l

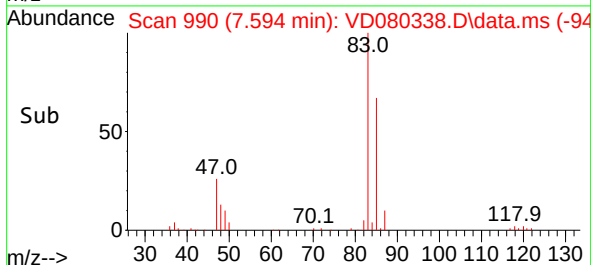
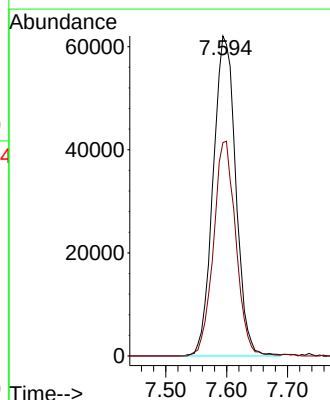
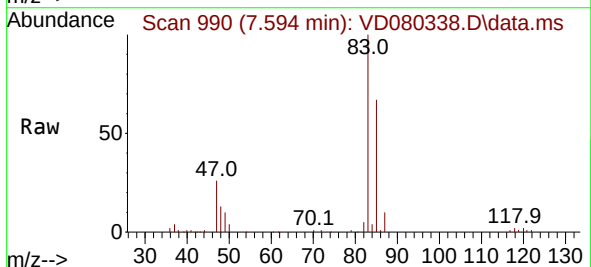
RT: 7.594 min Scan# 990

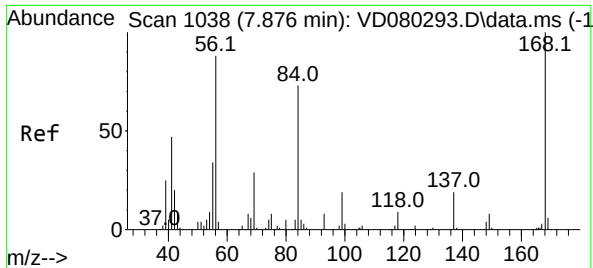
Delta R.T. -0.005 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

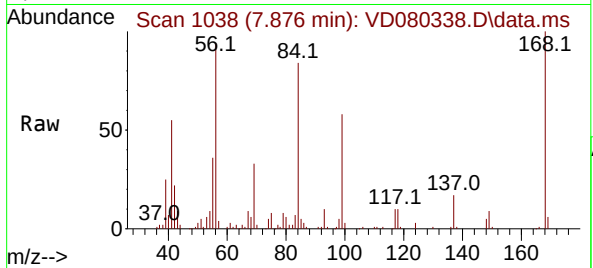
Tgt Ion:	83	Resp:	160420
Ion Ratio	Lower	Upper	
83	100		
85	66.7	50.8	76.2





#31
Cyclohexane
Concen: 51.490 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

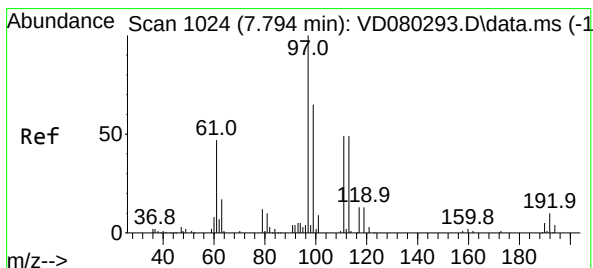
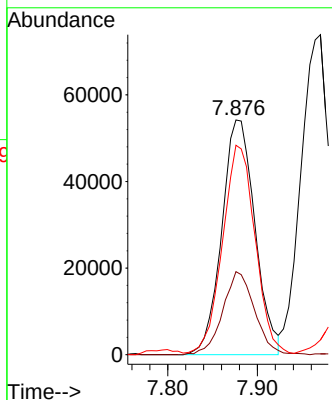
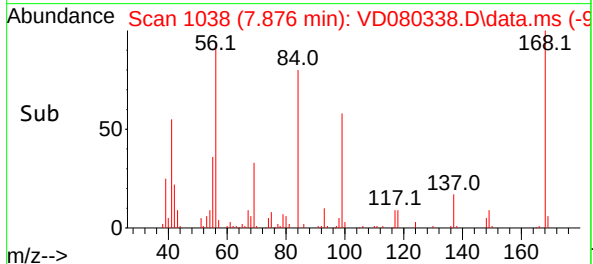
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



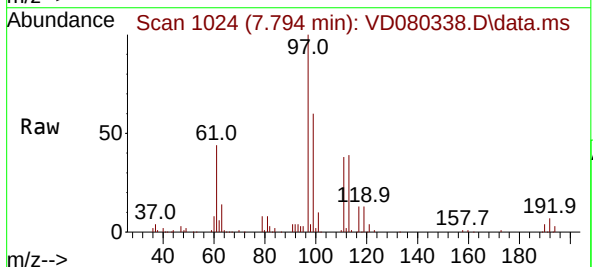
Tgt Ion: 56 Resp: 139369
Ion Ratio Lower Upper
56 100
69 35.4 27.3 40.9
84 87.7 70.2 105.4

Manual Integrations
APPROVED

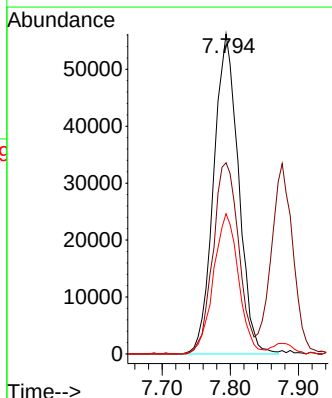
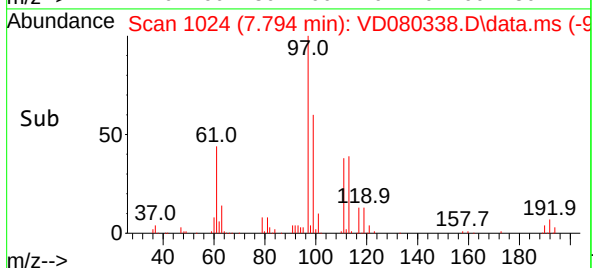
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

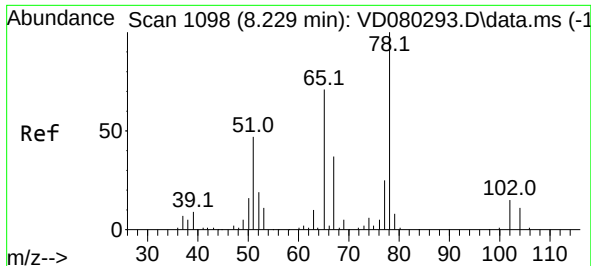


#32
1,1,1-Trichloroethane
Concen: 55.056 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21



Tgt Ion: 97 Resp: 142456
Ion Ratio Lower Upper
97 100
99 62.0 50.7 76.1
61 44.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 43.954 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDC050

Tgt Ion: 65 Resp: 73230

Ion Ratio Lower Upper

65 100

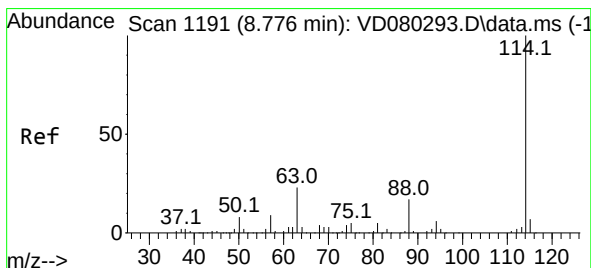
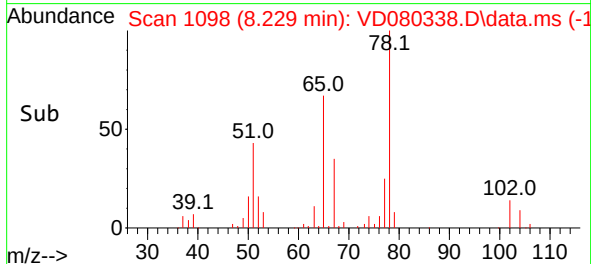
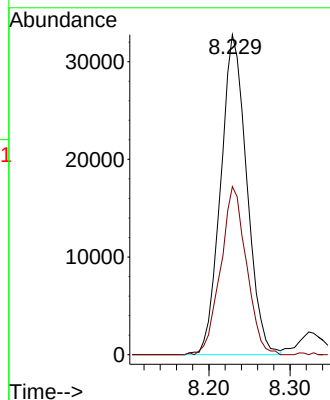
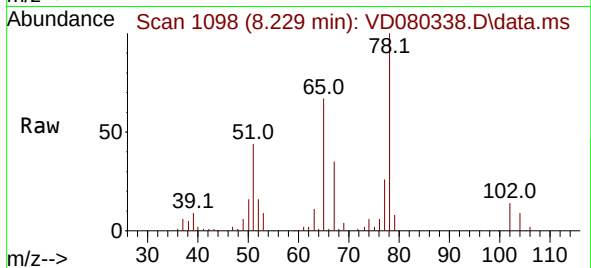
67 51.8 0.0 109.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

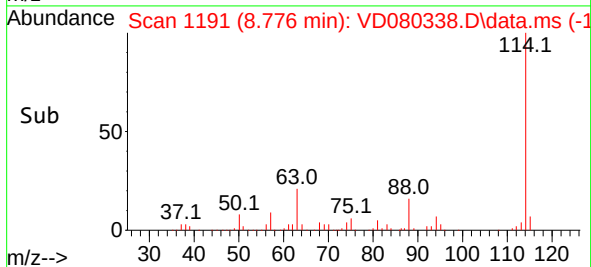
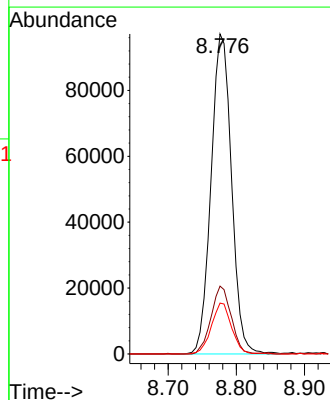
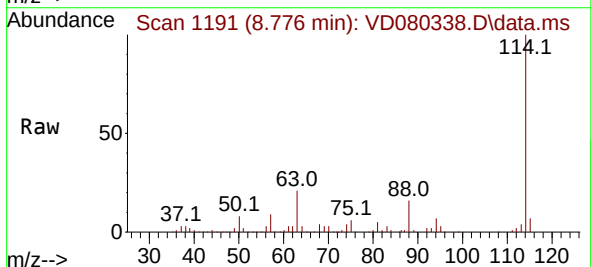
Tgt Ion:114 Resp: 202771

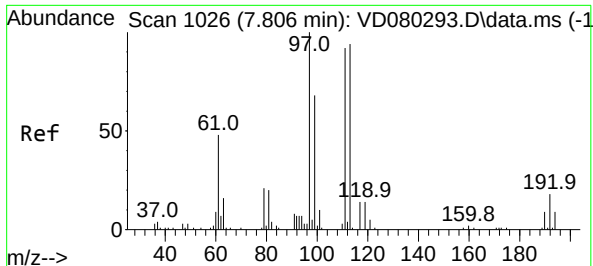
Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.8

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.107 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA_D

ClientSampleId :

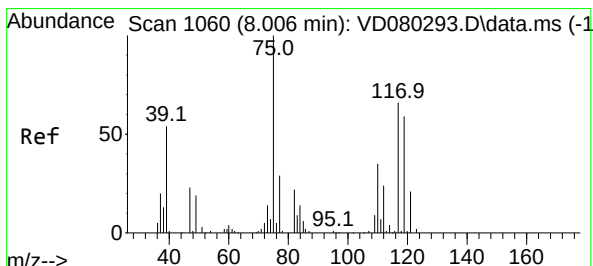
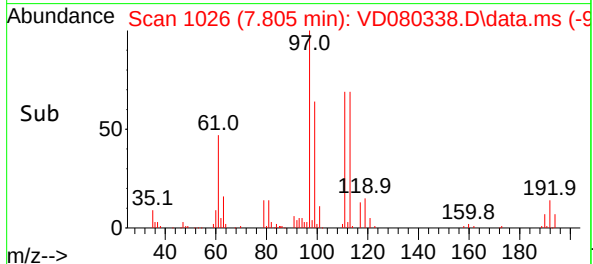
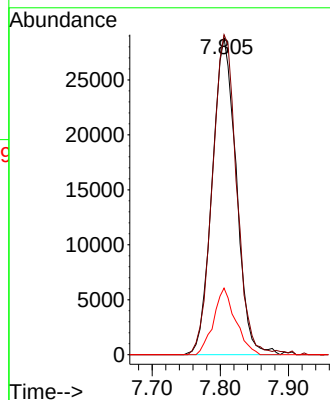
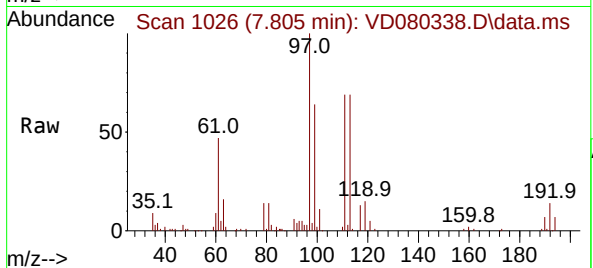
VSTDCCC050

Tgt Ion:	113	Resp:	70810
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.5	123.7
192	19.1	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#36

1,1-Dichloropropene

Concen: 58.536 ug/l

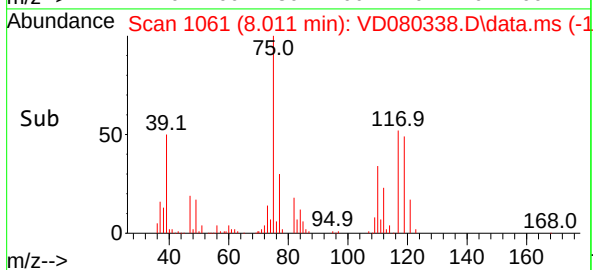
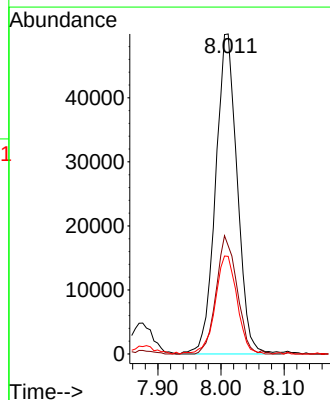
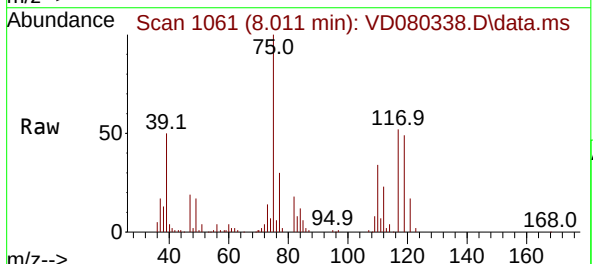
RT: 8.011 min Scan# 1061

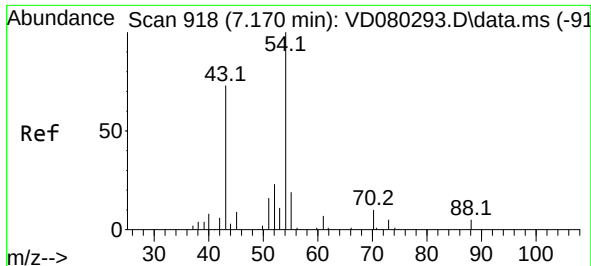
Delta R.T. 0.006 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Tgt Ion:	75	Resp:	118894
Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.4	55.0
77	31.0	25.6	38.4





#37

Ethyl Acetate

Concen: 48.343 ug/l

RT: 7.164 min Scan# 917

Delta R.T. -0.005 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA_D

ClientSampleId :

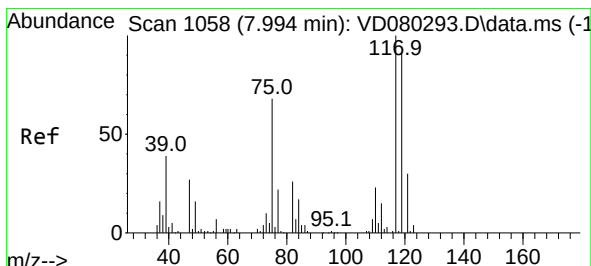
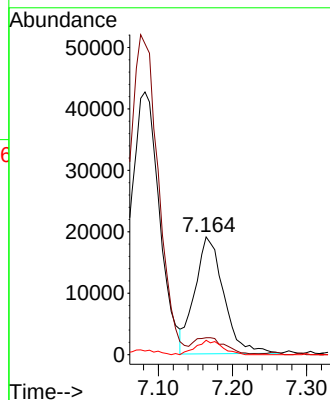
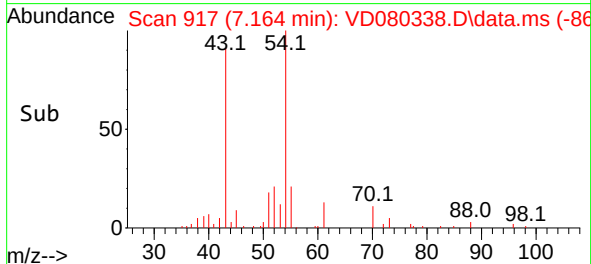
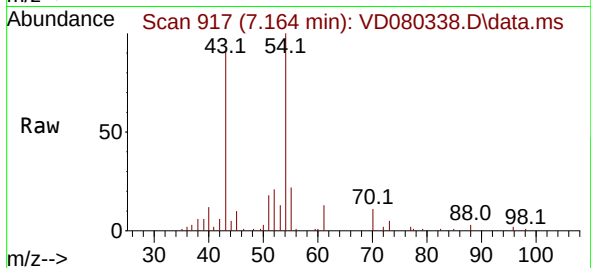
VSTDCCC050

Tgt Ion:	43	Resp:	5134
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.0	16.4
70	11.1	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#38

Carbon Tetrachloride

Concen: 57.739 ug/l

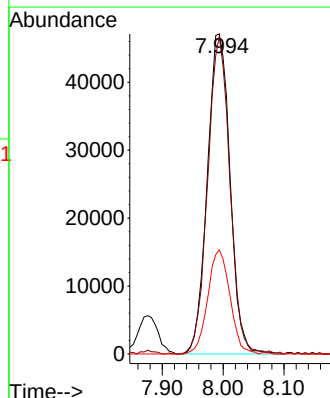
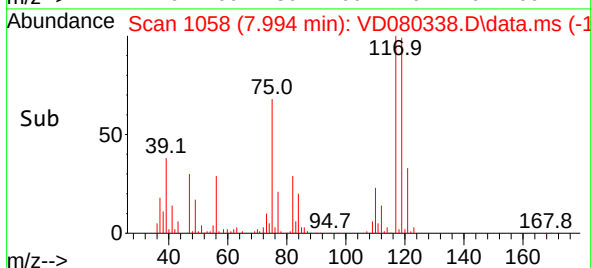
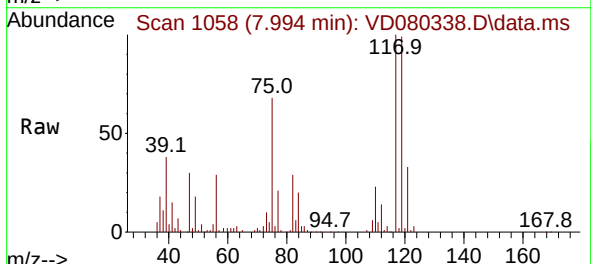
RT: 7.994 min Scan# 1058

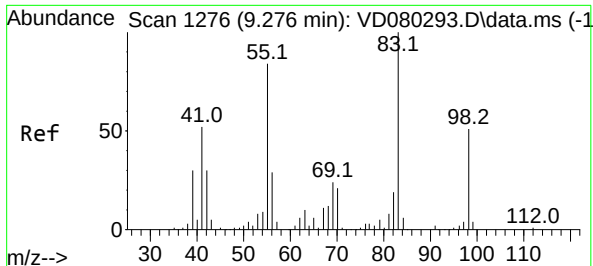
Delta R.T. 0.007 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Tgt Ion:	117	Resp:	122305
Ion	Ratio	Lower	Upper
117	100		
119	99.1	73.4	110.0
121	32.6	24.5	36.7





#39

Methylcyclohexane

Concen: 61.095 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA_D

ClientSampleId :

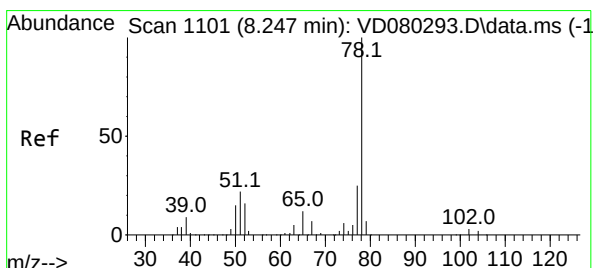
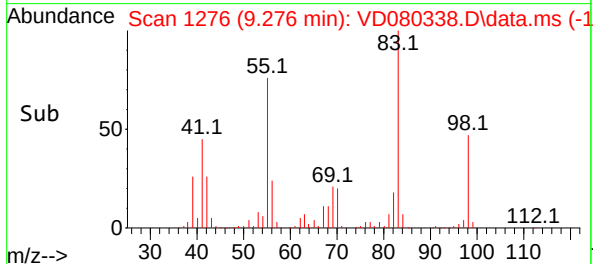
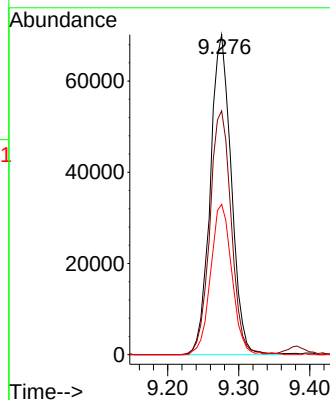
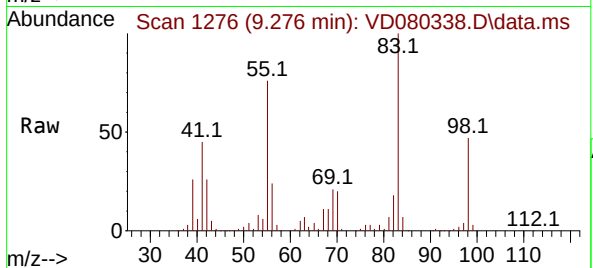
VSTDCCC050

Tgt Ion: 83 Resp: 143995
 Ion Ratio Lower Upper
 83 100
 55 76.2 62.0 93.0
 98 47.0 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#40

Benzene

Concen: 56.433 ug/l

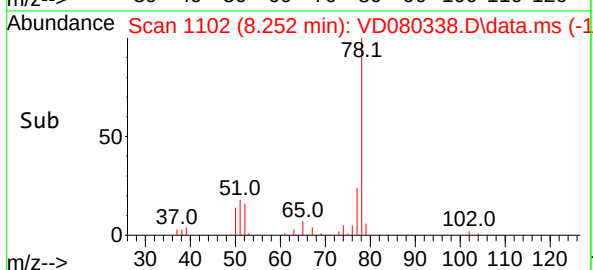
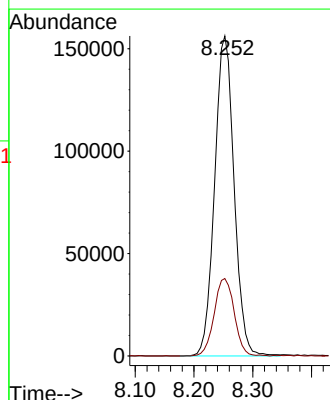
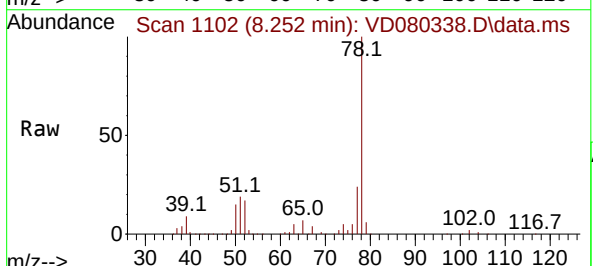
RT: 8.252 min Scan# 1102

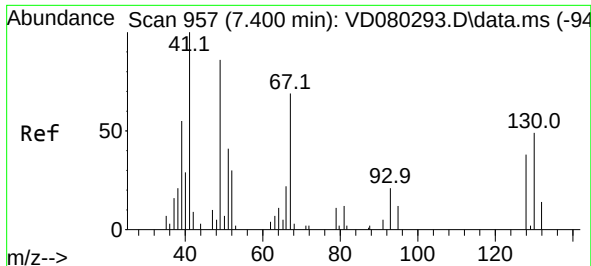
Delta R.T. 0.000 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

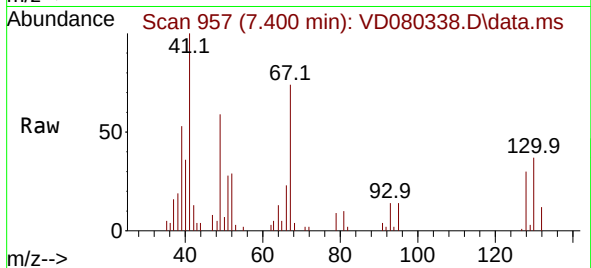
Tgt Ion: 78 Resp: 359149
 Ion Ratio Lower Upper
 78 100
 77 24.2 20.2 30.4





#41
Methacrylonitrile
Concen: 49.624 ug/l
RT: 7.400 min Scan# 915
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

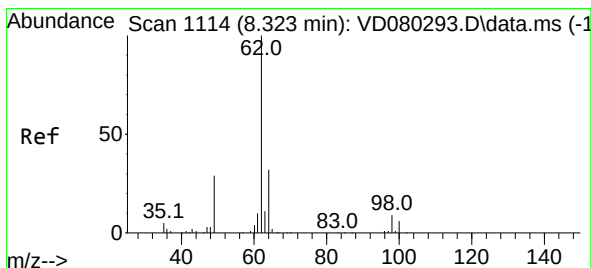
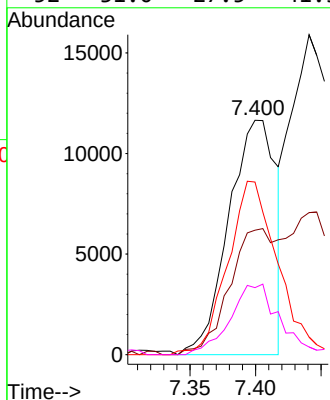
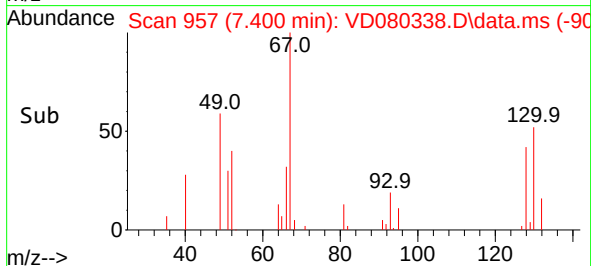
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 2916
Ion Ratio Lower Upper
41 100
39 54.1 47.8 71.8
67 78.1 64.9 97.3
52 31.0 27.5 41.3

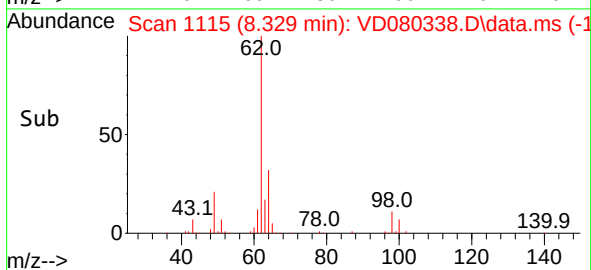
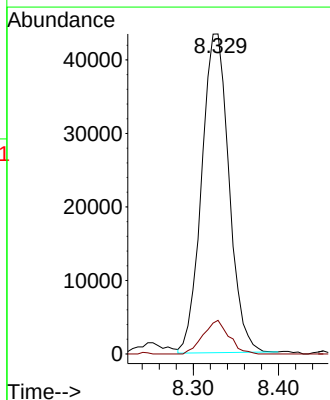
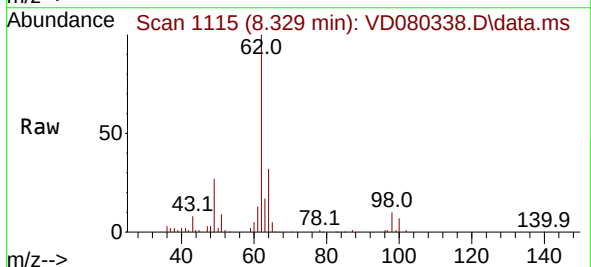
Manual Integrations
APPROVED

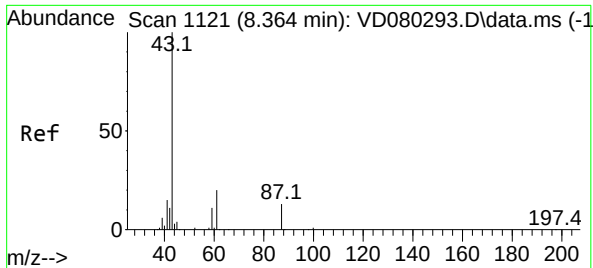
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 52.487 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

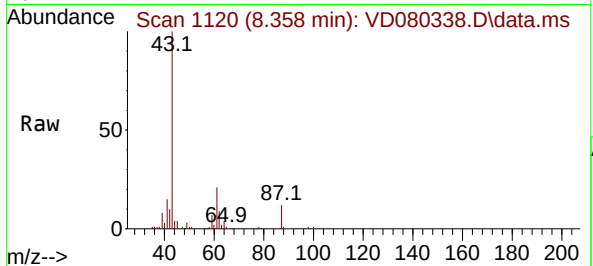
Tgt Ion: 62 Resp: 96794
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 50.692 ug/l
RT: 8.358 min Scan# 1121
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

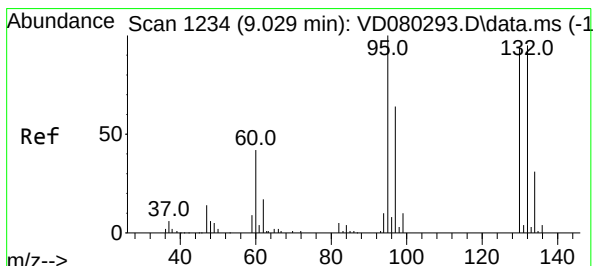
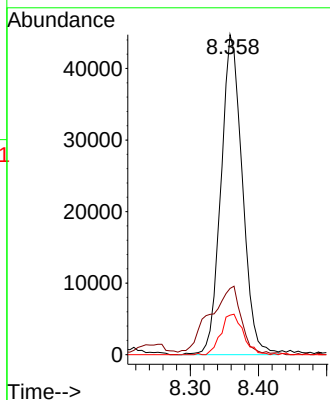
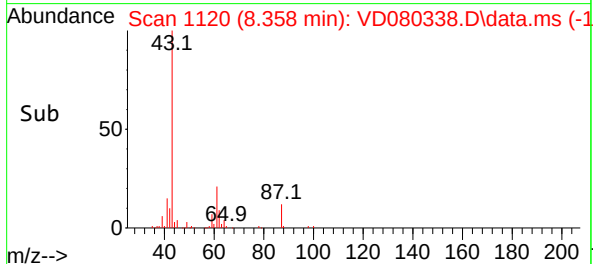
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 9763
Ion Ratio Lower Upper
43 100
61 32.1 26.2 39.2
87 13.2 11.8 17.8

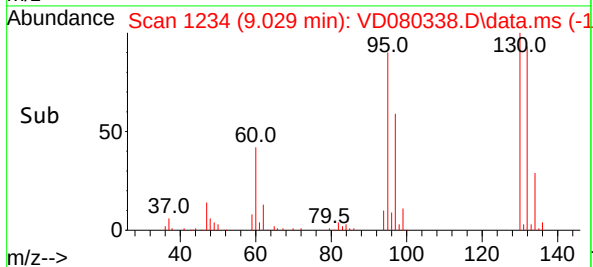
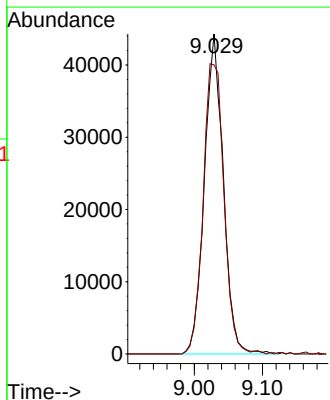
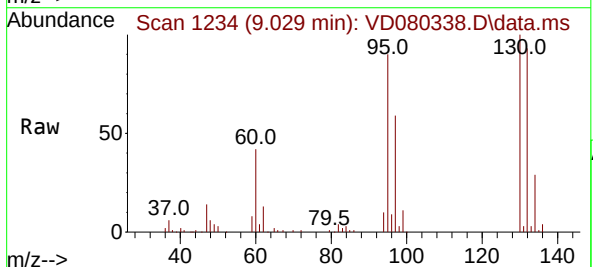
Manual Integrations
APPROVED

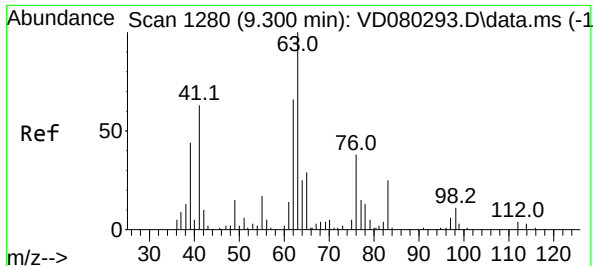
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#44
Trichloroethene
Concen: 57.931 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Tgt Ion:130 Resp: 85583
Ion Ratio Lower Upper
130 100
95 90.3 0.0 194.6





#45

1,2-Dichloropropane

Concen: 54.382 ug/l

RT: 9.299 min Scan# 1280

Delta R.T. -0.006 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 88762

Ion Ratio Lower Upper

63 100

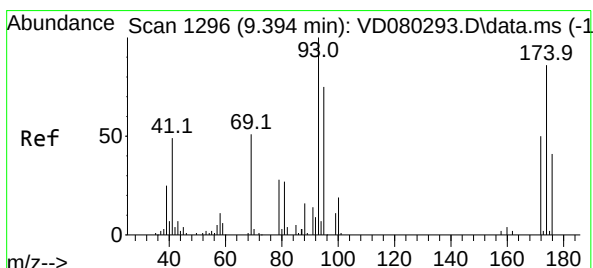
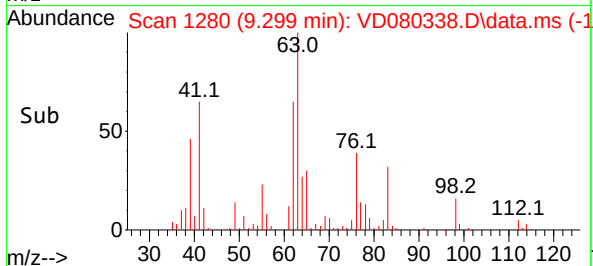
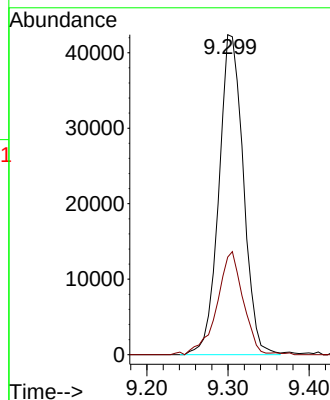
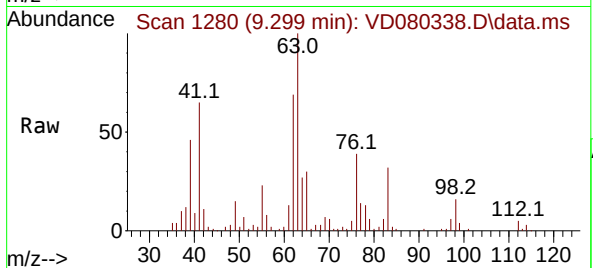
65 30.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 54.886 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

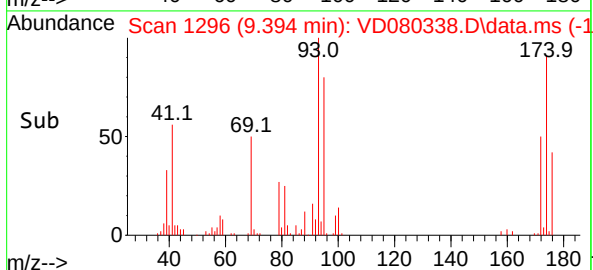
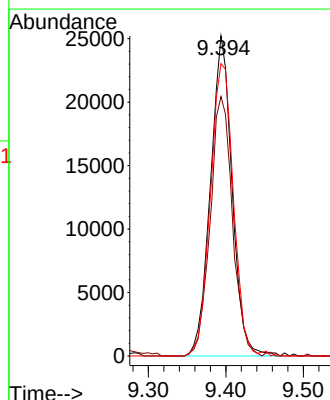
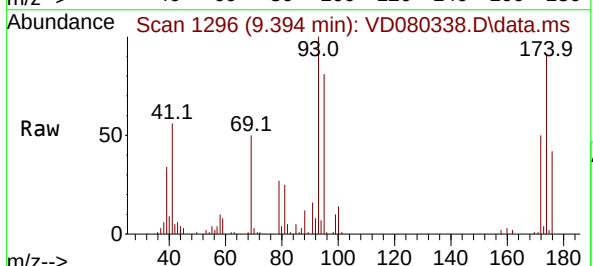
Tgt Ion: 93 Resp: 48775

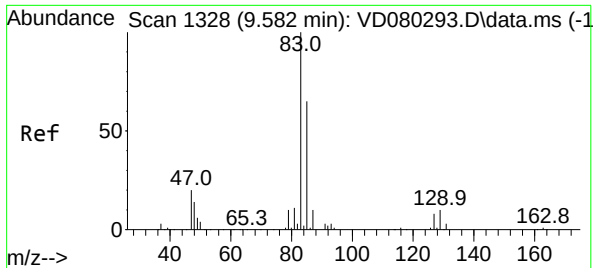
Ion Ratio Lower Upper

93 100

95 83.4 67.9 101.9

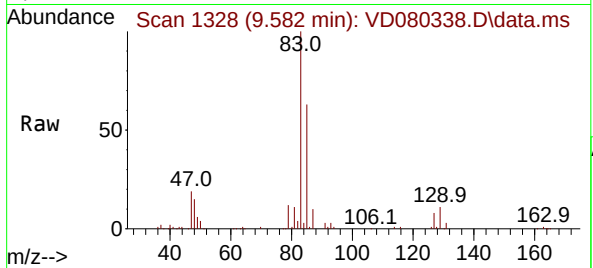
174 97.5 80.5 120.7





#47
Bromodichloromethane
Concen: 55.451 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

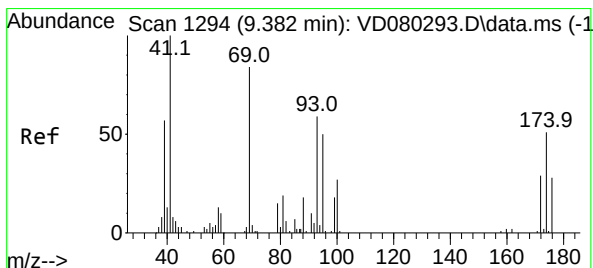
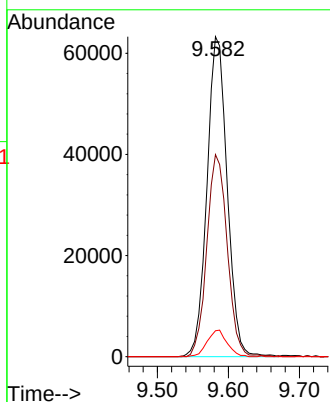
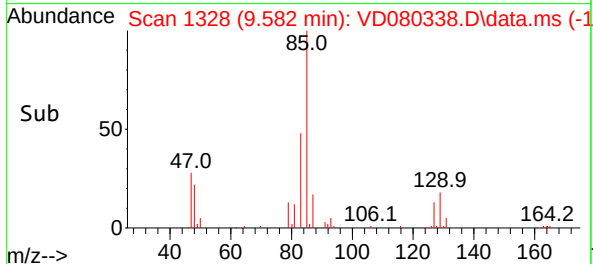
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 12507
Ion Ratio Lower Upper
83 100
85 63.1 50.6 75.8
127 8.1 6.1 9.1

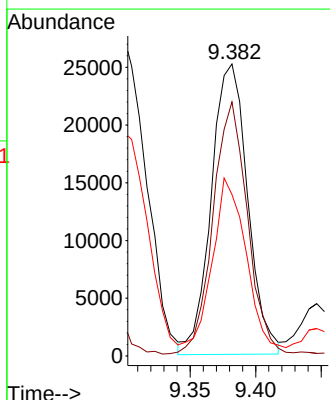
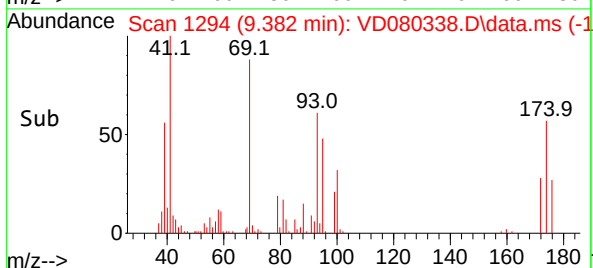
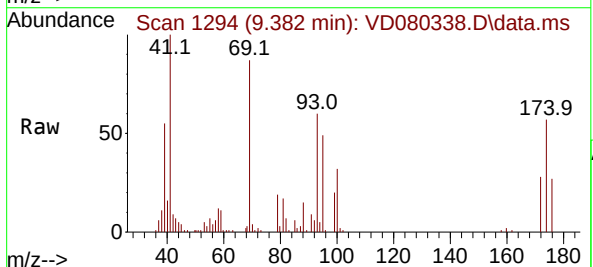
Manual Integrations
APPROVED

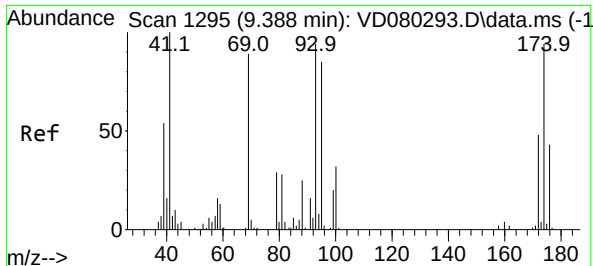
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48
Methyl methacrylate
Concen: 53.123 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Tgt Ion: 41 Resp: 48613
Ion Ratio Lower Upper
41 100
69 81.9 74.0 111.0
39 52.7 41.9 62.9





#49

1,4-Dioxane

Concen: 907.773 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

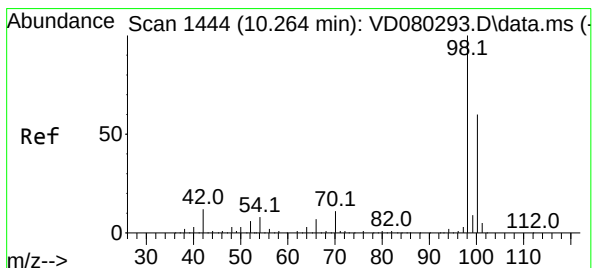
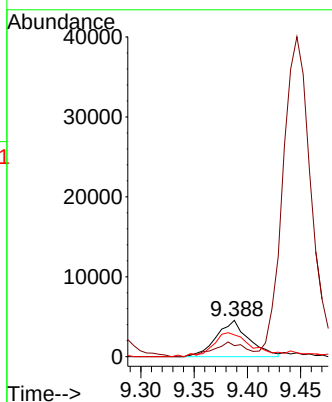
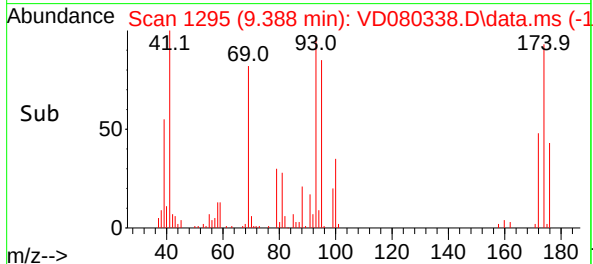
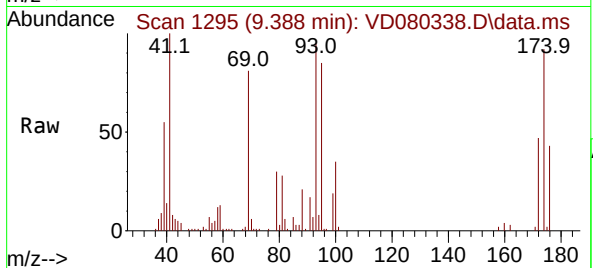
Tgt Ion: 88 Resp: 959

Ion	Ratio	Lower	Upper
88	100		
43	38.7	29.1	43.7
58	78.2	59.9	89.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#50

Toluene-d8

Concen: 52.006 ug/l

RT: 10.270 min Scan# 1445

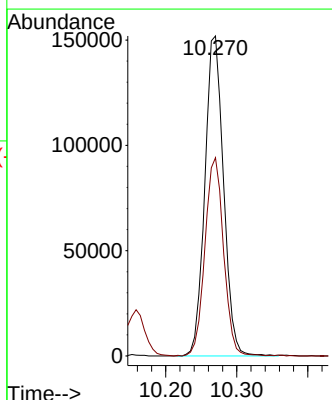
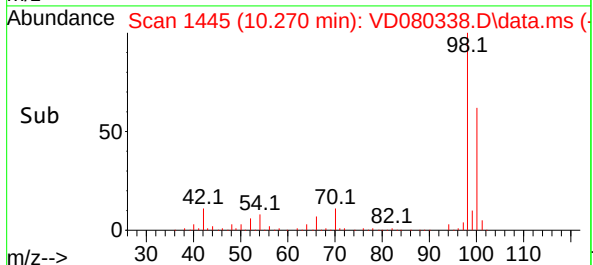
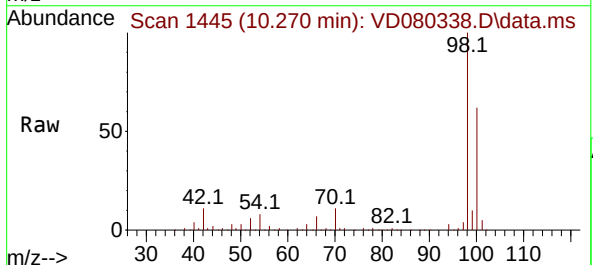
Delta R.T. 0.001 min

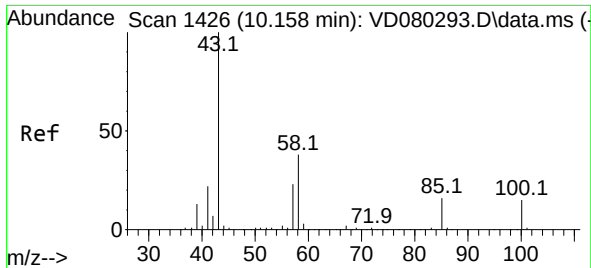
Lab File: VD080338.D

Acq: 15 May 2025 10:21

Tgt Ion: 98 Resp: 278482

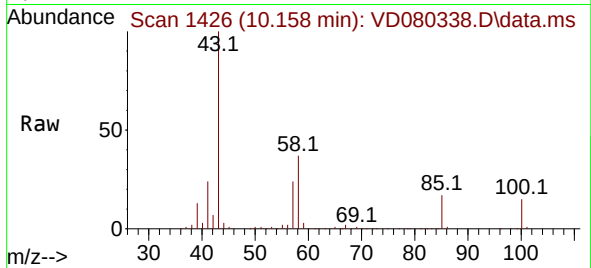
Ion	Ratio	Lower	Upper
98	100		
100	61.7	50.2	75.4





#51
4-Methyl-2-Pentanone
Concen: 260.882 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

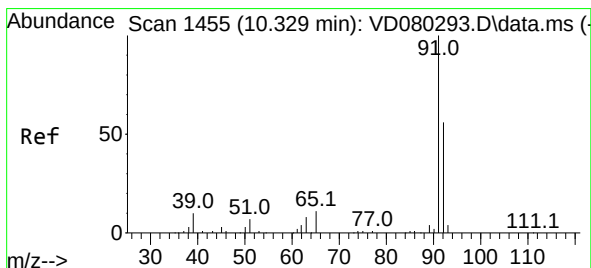
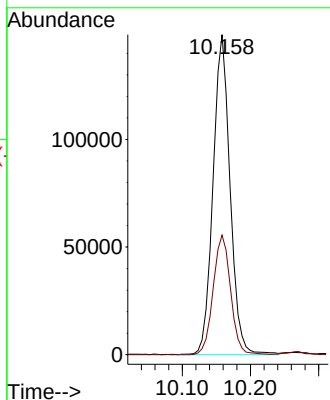
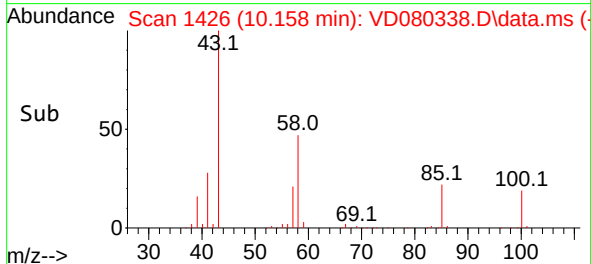
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 258880
Ion Ratio Lower Upper
43 100
58 38.2 32.8 49.2

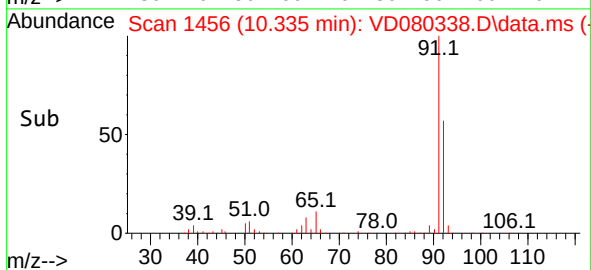
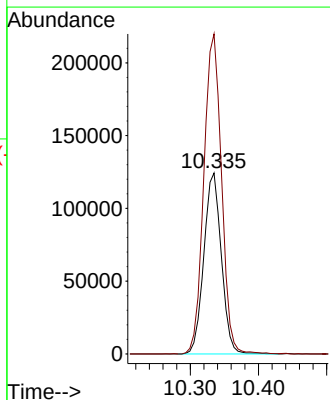
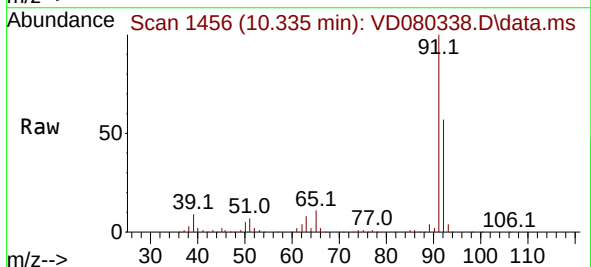
Manual Integrations
APPROVED

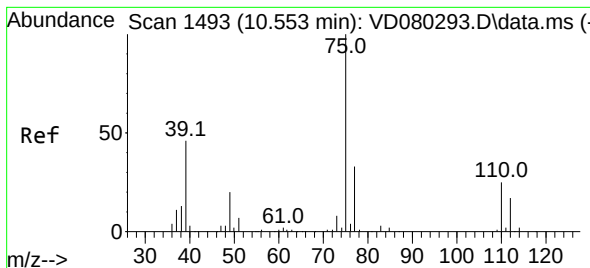
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 57.844 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Tgt Ion: 92 Resp: 221780
Ion Ratio Lower Upper
92 100
91 179.0 139.3 208.9





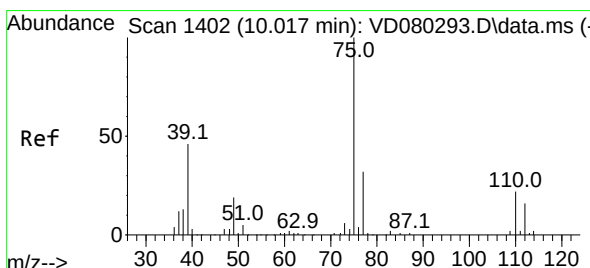
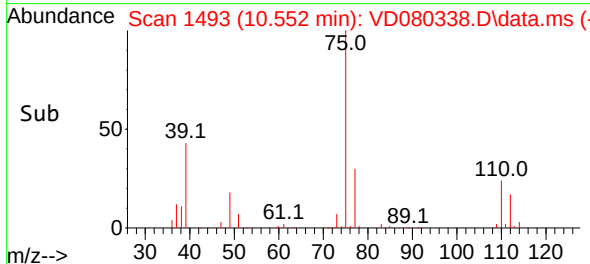
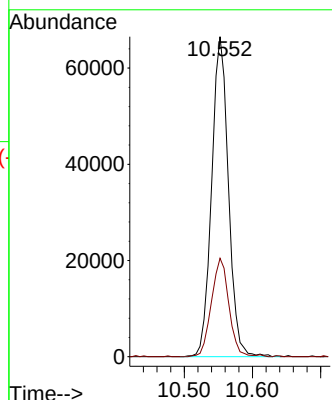
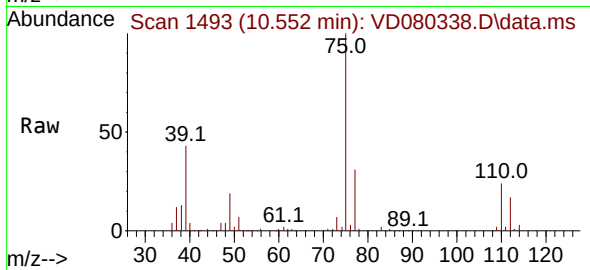
#53
t-1,3-Dichloropropene
Concen: 55.498 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 114119
Ion Ratio Lower Upper
75 100
77 30.7 24.1 36.1

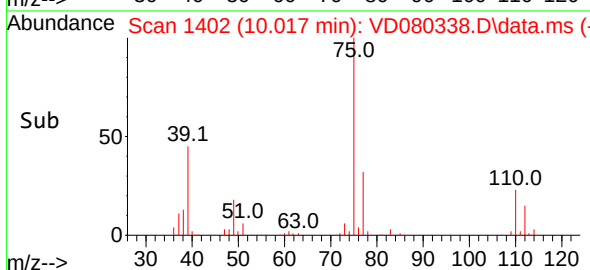
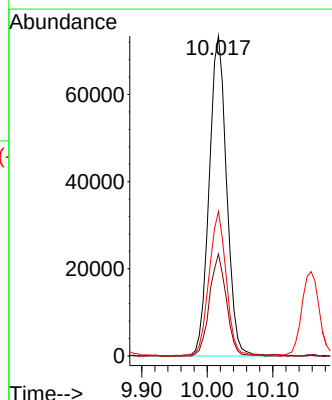
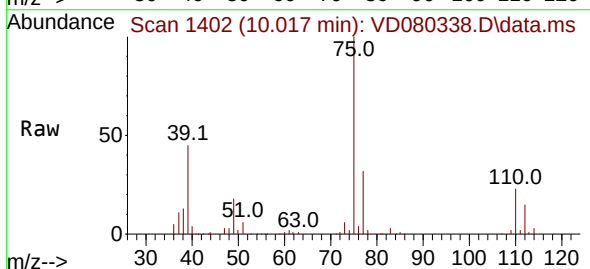
Manual Integrations
APPROVED

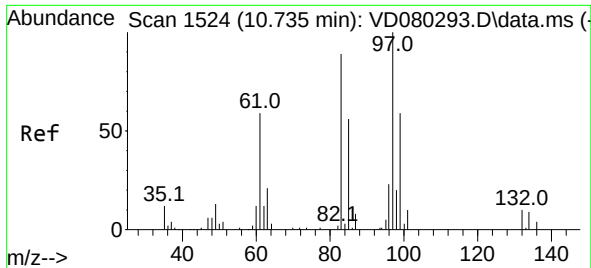
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 56.996 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

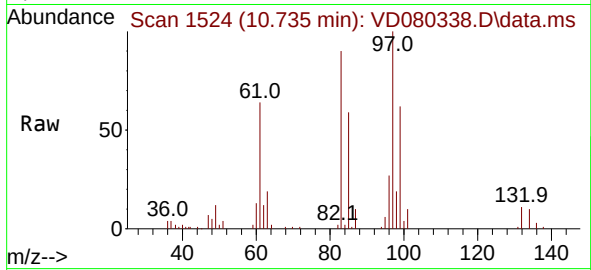
Tgt Ion: 75 Resp: 135811
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4
39 45.2 33.2 49.8





#55
1,1,2-Trichloroethane
Concen: 53.455 ug/l
RT: 10.735 min Scan# 1524
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

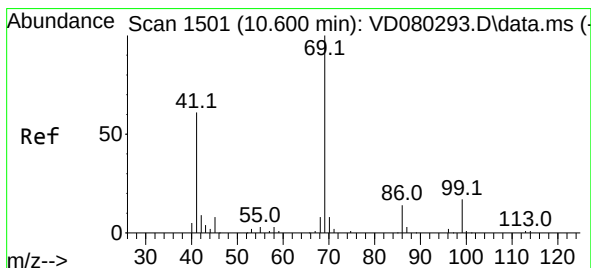
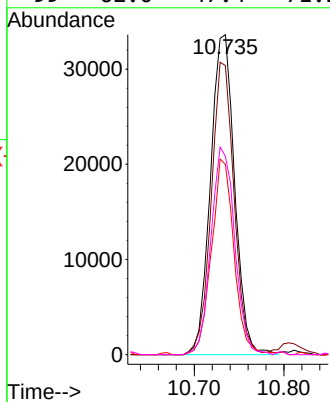
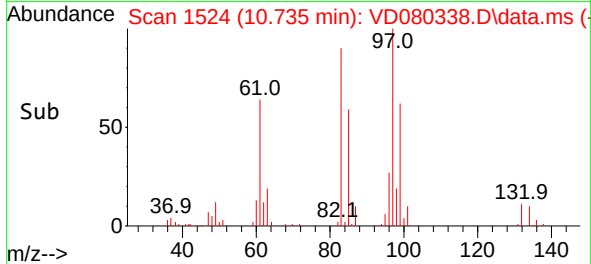
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



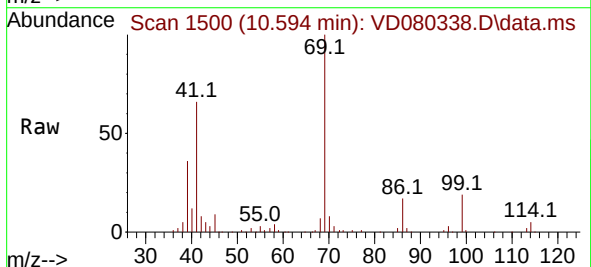
Tgt Ion: 97 Resp: 62830
Ion Ratio Lower Upper
97 100
83 90.3 69.2 103.8
85 59.5 43.0 64.6
99 62.0 47.4 71.2

Manual Integrations
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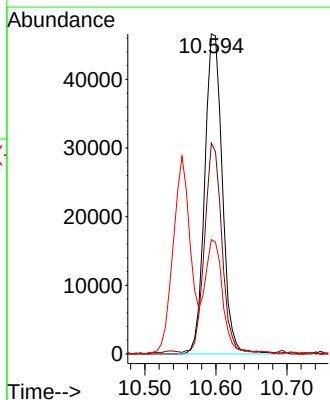
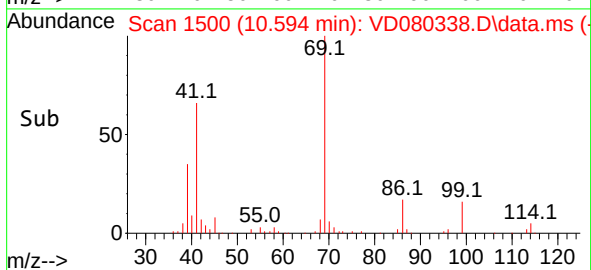
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

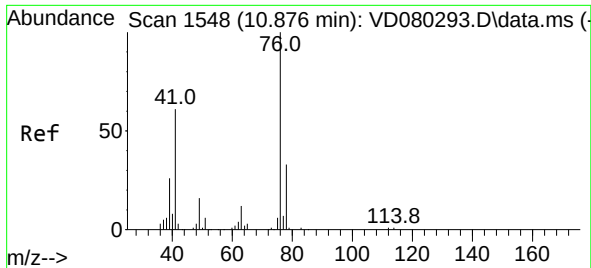


#56
Ethyl methacrylate
Concen: 56.465 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21



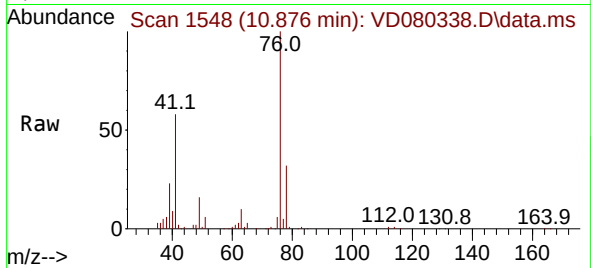
Tgt Ion: 69 Resp: 80429
Ion Ratio Lower Upper
69 100
41 63.4 50.4 75.6
39 34.4 26.0 39.0





#57
1,3-Dichloropropane
Concen: 54.774 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

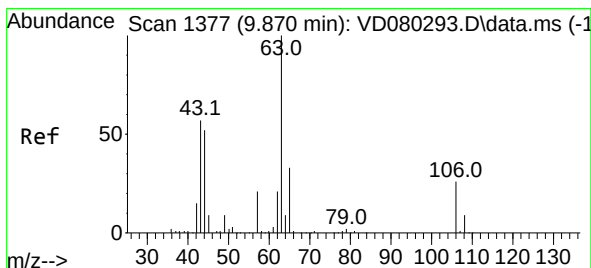
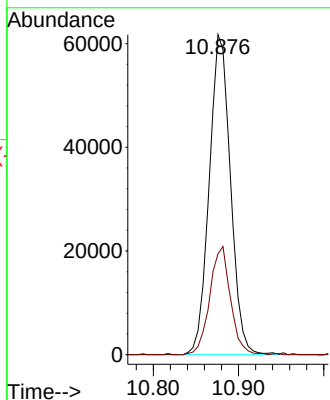
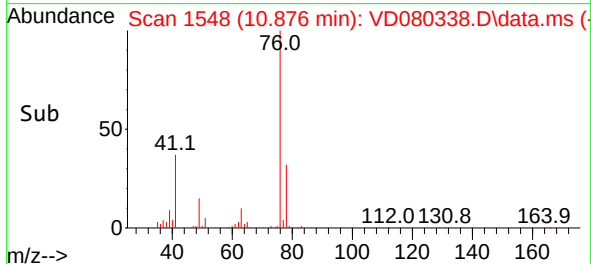
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 107008
Ion Ratio Lower Upper
76 100
78 32.9 25.4 38.2

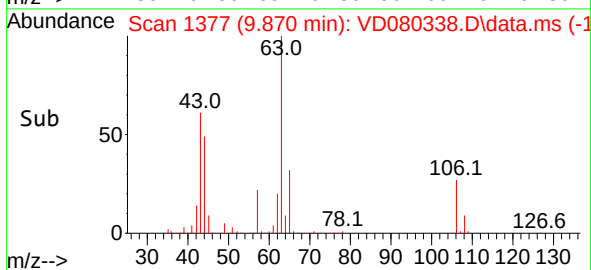
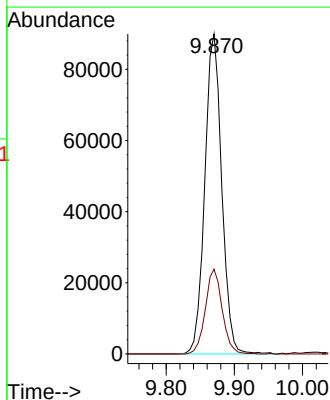
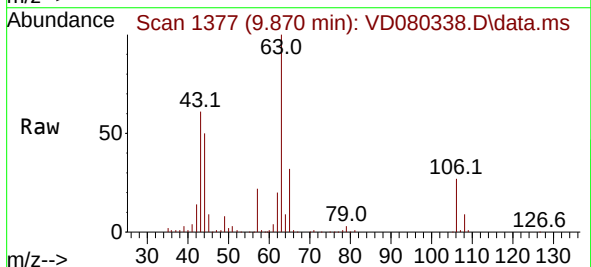
Manual Integrations
APPROVED

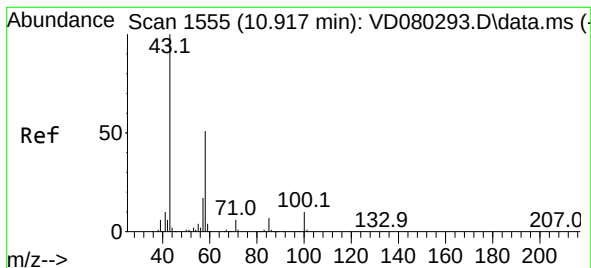
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 266.522 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

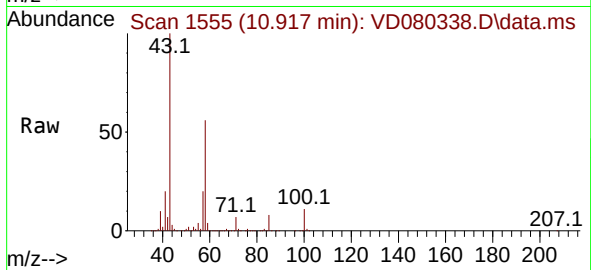
Tgt Ion: 63 Resp: 155362
Ion Ratio Lower Upper
63 100
106 26.3 21.8 32.6





#59
2-Hexanone
Concen: 266.994 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

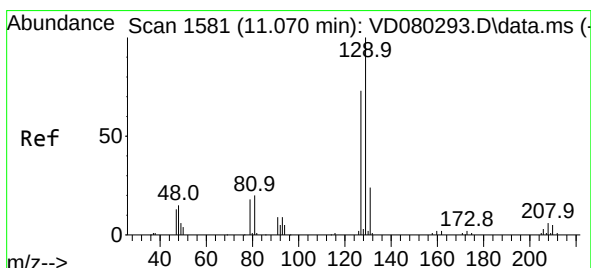
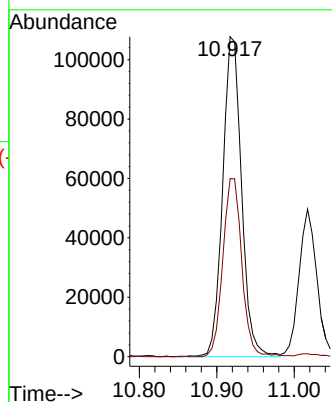
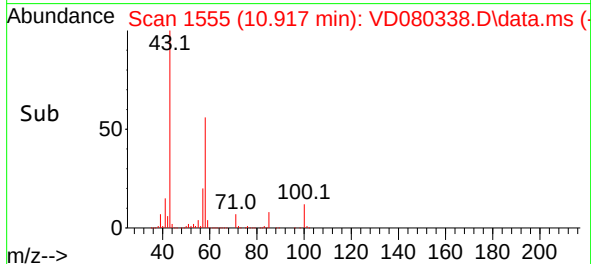
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 182260
Ion Ratio Lower Upper
43 100
58 56.1 27.8 83.4

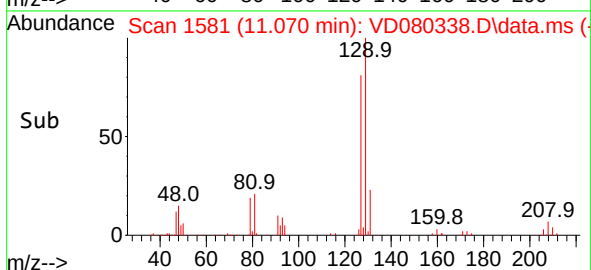
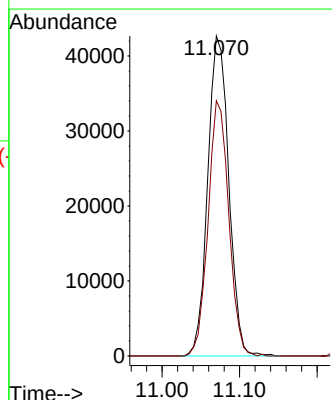
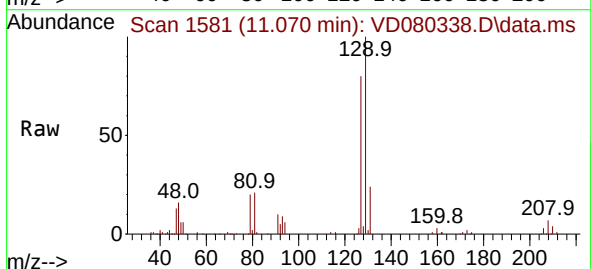
Manual Integrations
APPROVED

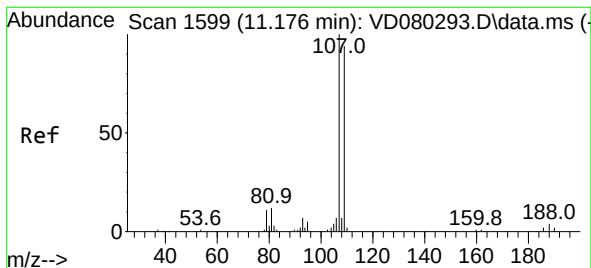
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60
Dibromochloromethane
Concen: 54.618 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Tgt Ion:129 Resp: 80459
Ion Ratio Lower Upper
129 100
127 78.3 38.4 115.2





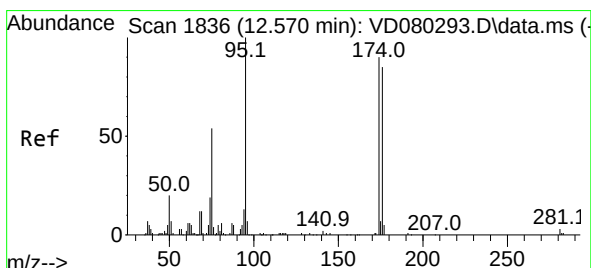
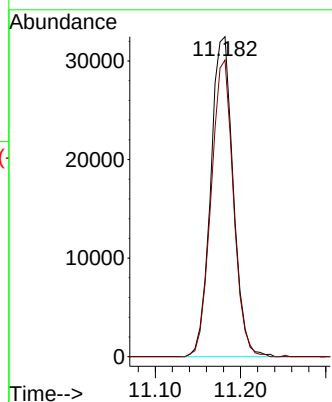
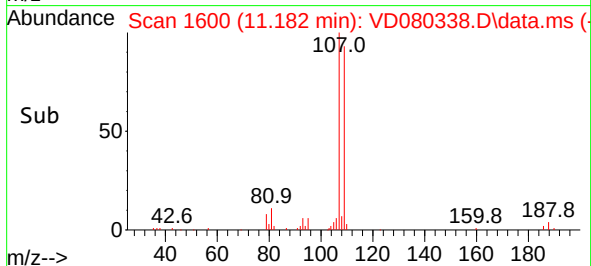
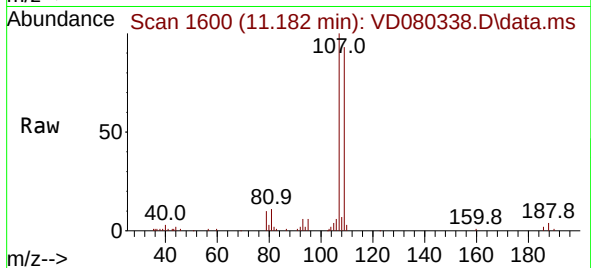
#61
1,2-Dibromoethane
Concen: 54.619 ug/l
RT: 11.182 min Scan# 1109
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 5953
Ion Ratio Lower Upper
107 100
109 91.6 73.9 110.9

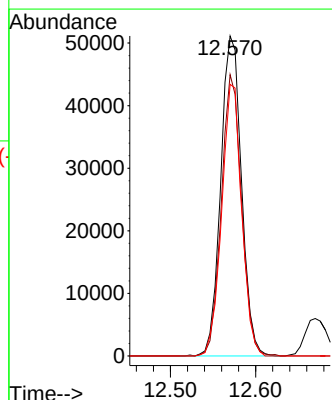
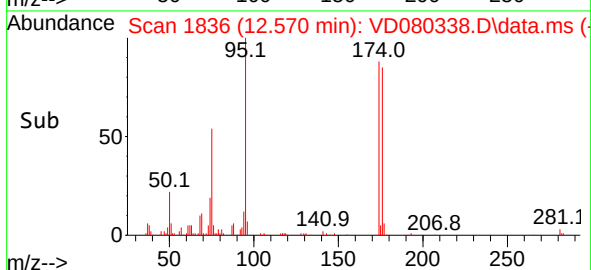
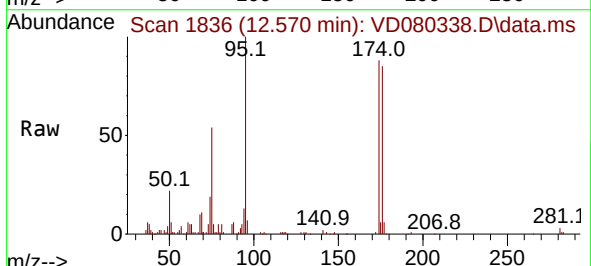
Manual Integrations
APPROVED

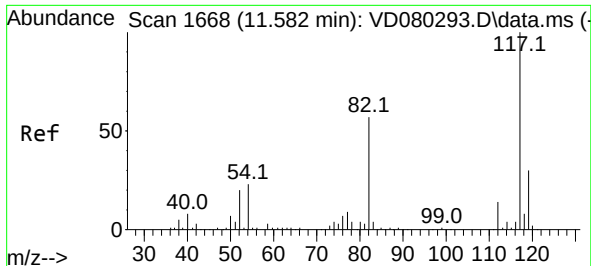
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#62
4-Bromofluorobenzene
Concen: 50.439 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

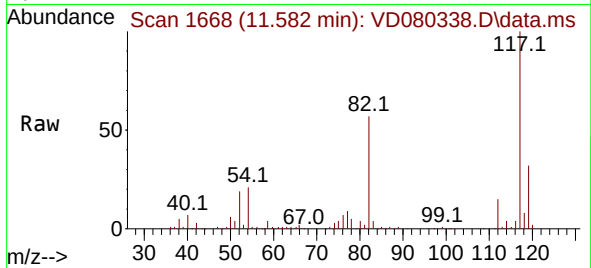
Tgt Ion: 95 Resp: 86690
Ion Ratio Lower Upper
95 100
174 85.4 0.0 173.4
176 81.7 0.0 166.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

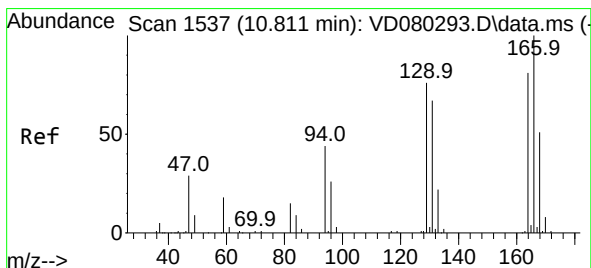
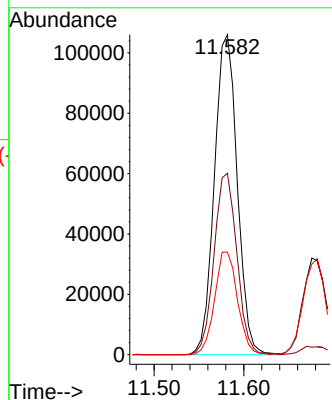
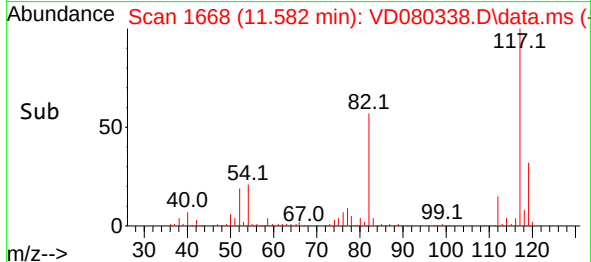
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



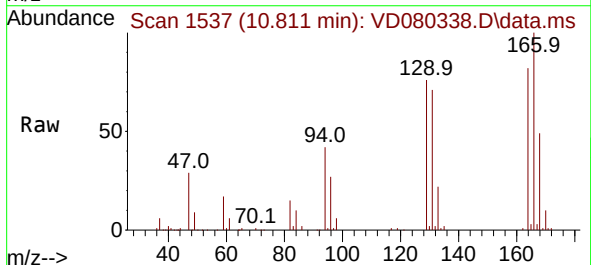
Tgt Ion:117 Resp: 187678
Ion Ratio Lower Upper
117 100
82 56.7 45.8 68.6
119 32.0 26.2 39.2

Manual Integrations
APPROVED

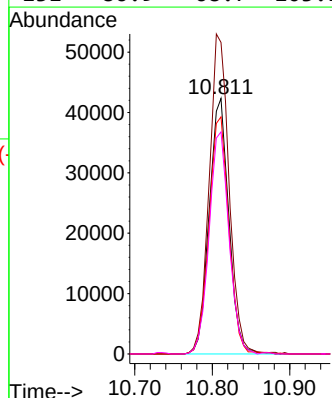
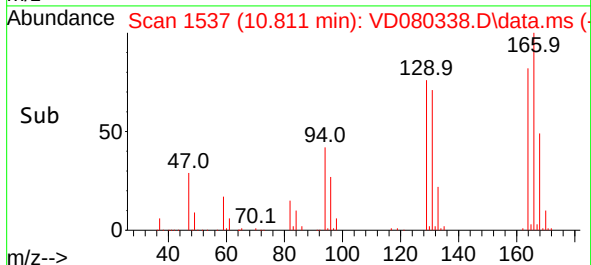
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

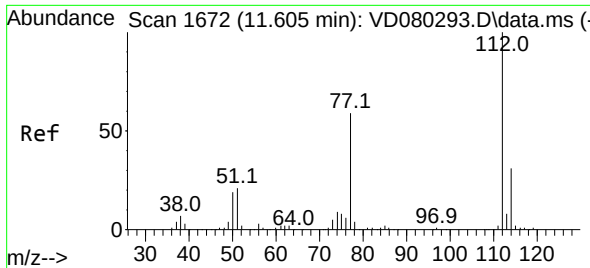


#64
Tetrachloroethene
Concen: 58.506 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21



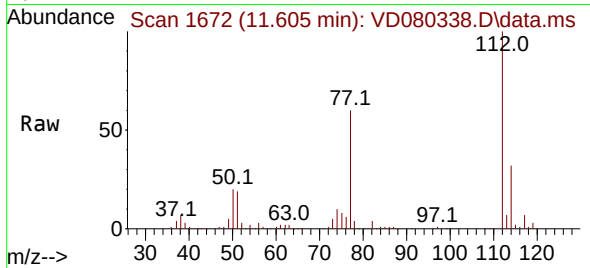
Tgt Ion:164 Resp: 74356
Ion Ratio Lower Upper
164 100
166 121.9 97.5 146.3
129 92.8 70.6 106.0
131 86.9 68.7 103.1





#65
Chlorobenzene
Concen: 54.909 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

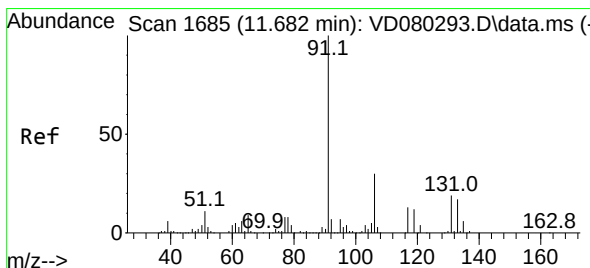
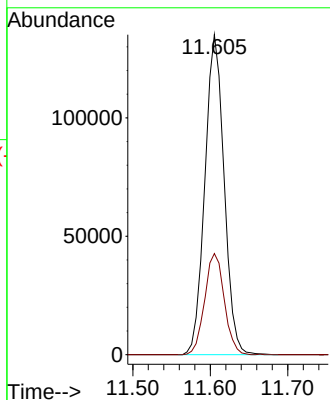
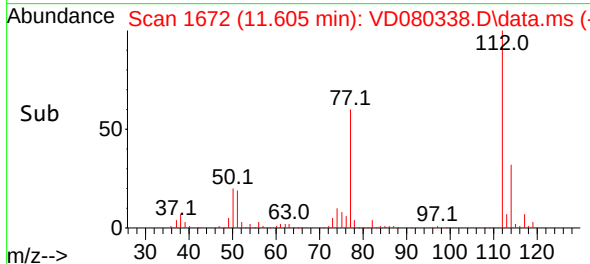
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 232680
Ion Ratio Lower Upper
112 100
114 31.6 24.6 37.0

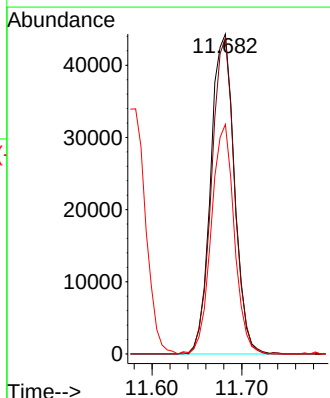
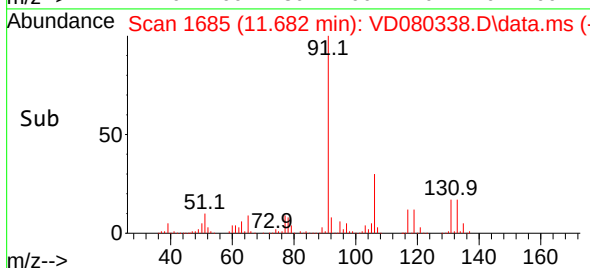
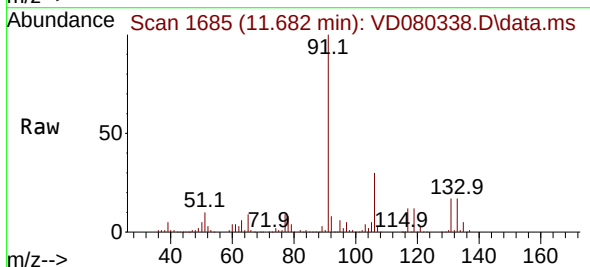
Manual Integrations
APPROVED

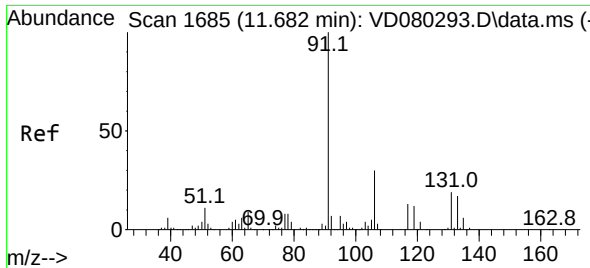
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.732 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Tgt Ion:131 Resp: 81141
Ion Ratio Lower Upper
131 100
133 95.4 48.8 146.4
119 69.6 34.8 104.3





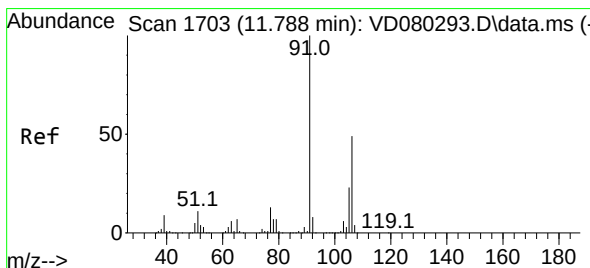
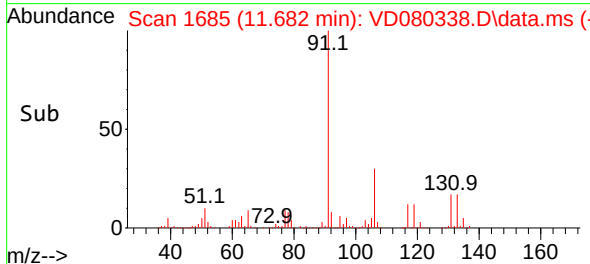
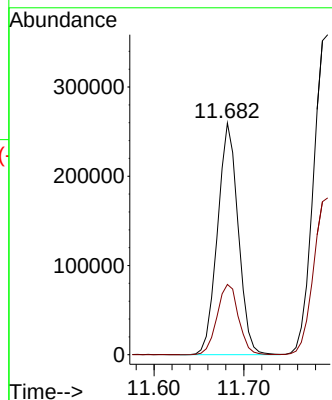
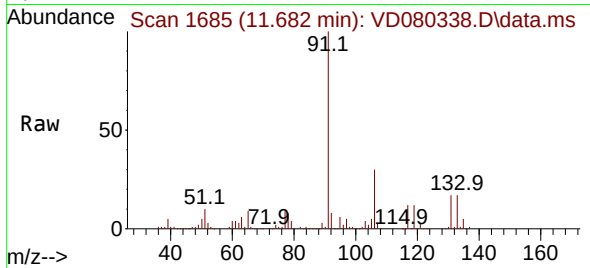
#67
Ethyl Benzene
Concen: 58.613 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 415083
Ion Ratio Lower Upper
91 100
106 30.3 23.6 35.4

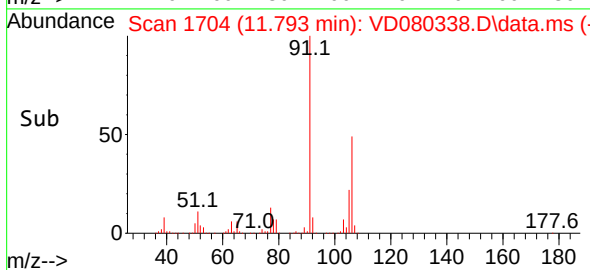
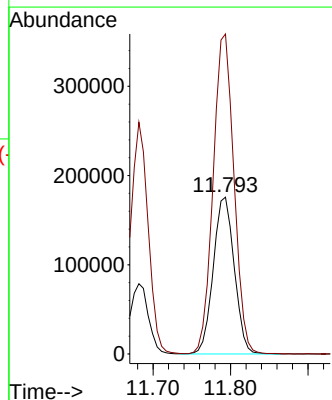
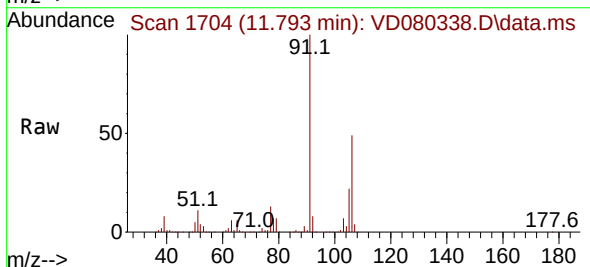
Manual Integrations
APPROVED

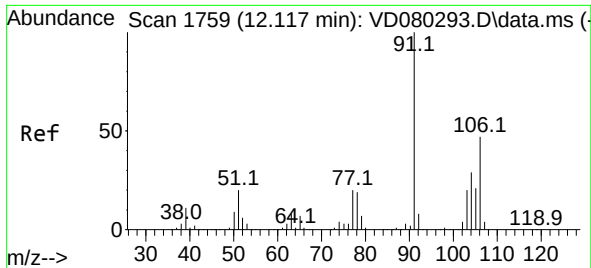
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#68
m/p-Xylenes
Concen: 120.312 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Tgt Ion:106 Resp: 330823
Ion Ratio Lower Upper
106 100
91 202.4 162.6 244.0





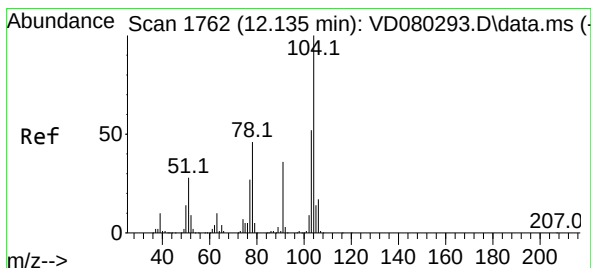
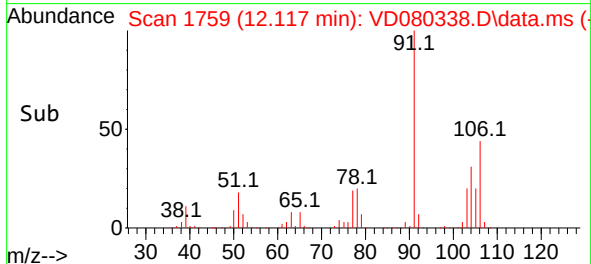
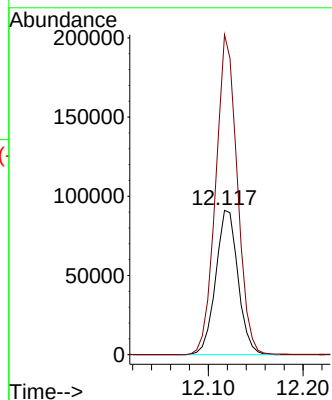
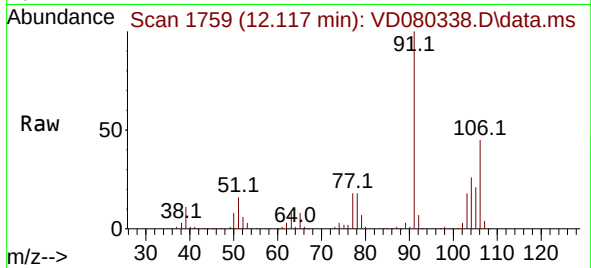
#69
o-Xylene
Concen: 59.427 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 149320
Ion Ratio Lower Upper
106 100
91 214.7 110.5 331.5

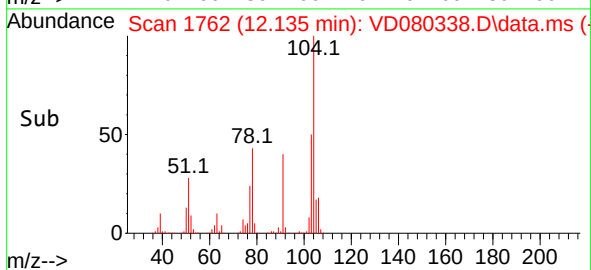
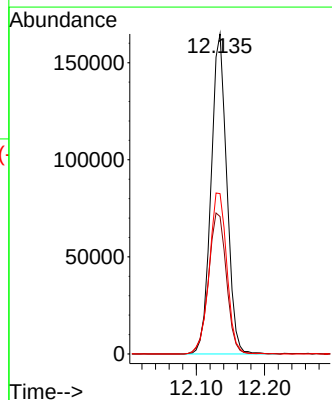
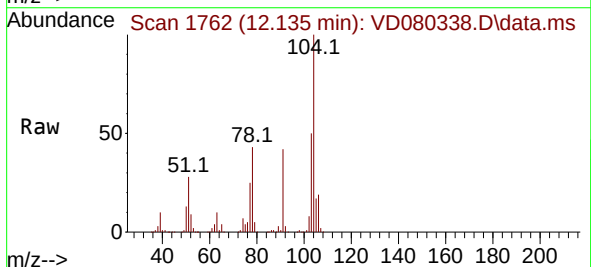
Manual Integrations
APPROVED

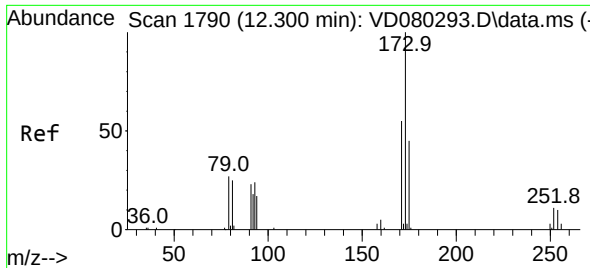
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 58.870 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

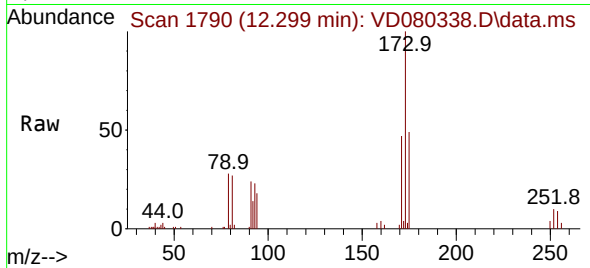
Tgt Ion:104 Resp: 265611
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.8
103 56.1 45.2 67.8





#71
Bromoform
Concen: 53.977 ug/l
RT: 12.299 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

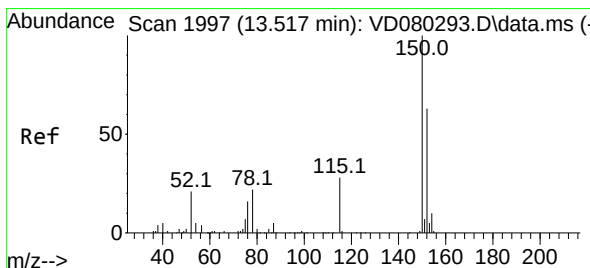
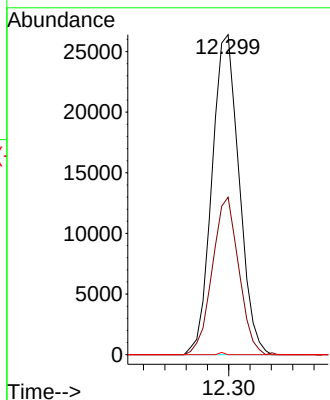
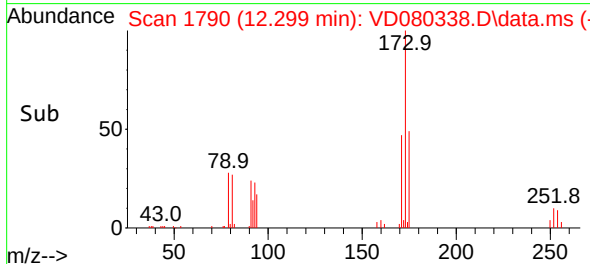
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 46690
Ion Ratio Lower Upper
173 100
175 48.0 24.8 74.3
254 0.1 0.0 0.0

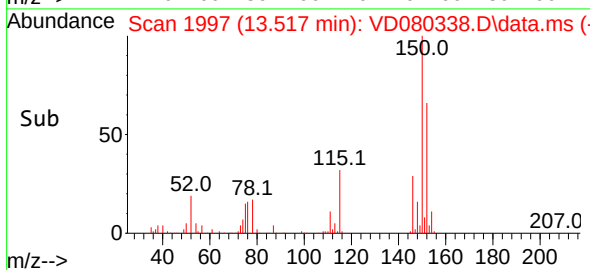
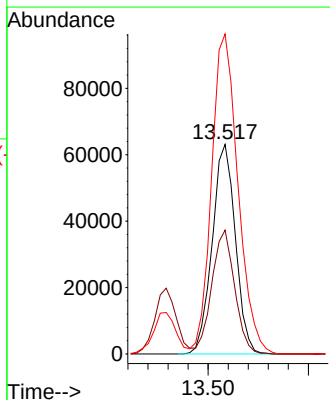
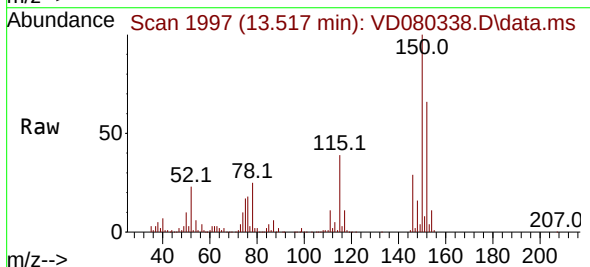
Manual Integrations
APPROVED

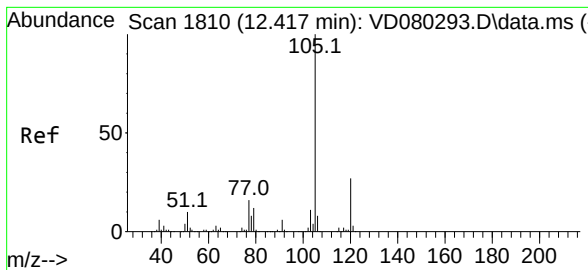
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

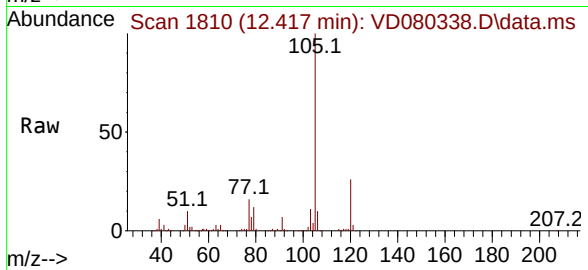
Tgt Ion:152 Resp: 101416
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 173.3 0.0 354.8





#73
Isopropylbenzene
Concen: 59.188 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

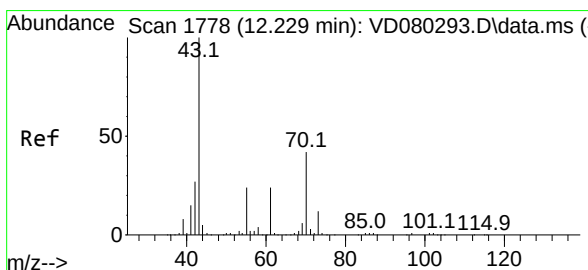
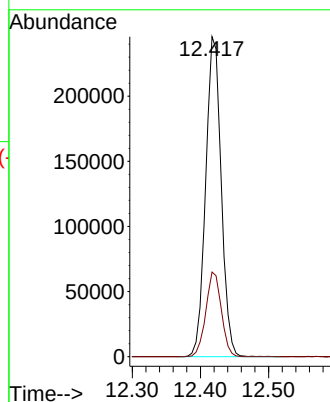
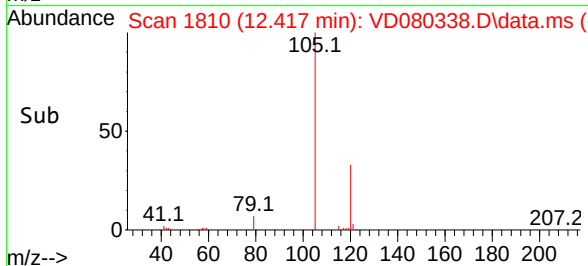
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



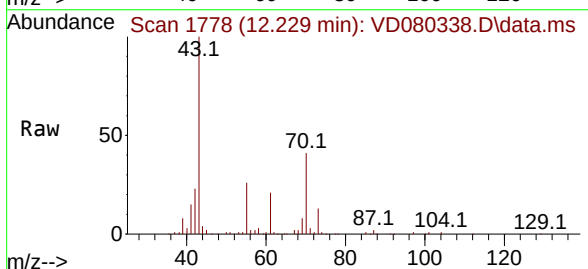
Tgt Ion:105 Resp: 389378
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations
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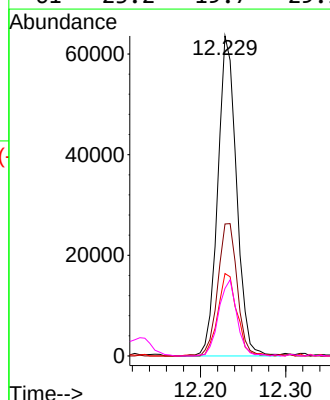
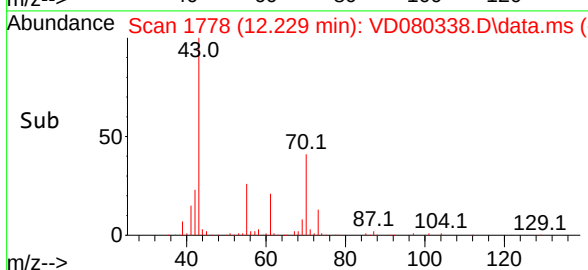
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

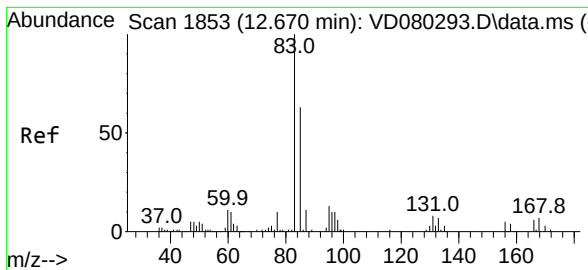


#74
N-ethyl acetate
Concen: 51.479 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21



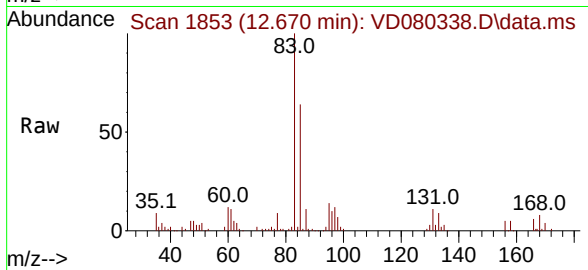
Tgt Ion: 43 Resp: 97199
Ion Ratio Lower Upper
43 100
70 42.6 36.3 54.5
55 26.4 20.3 30.5
61 23.2 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 49.341 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

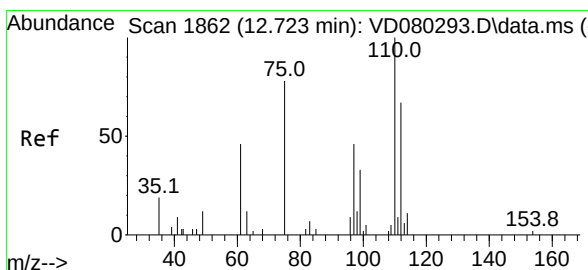
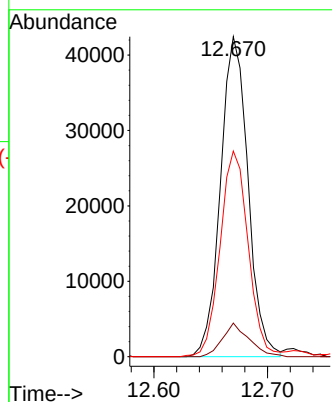
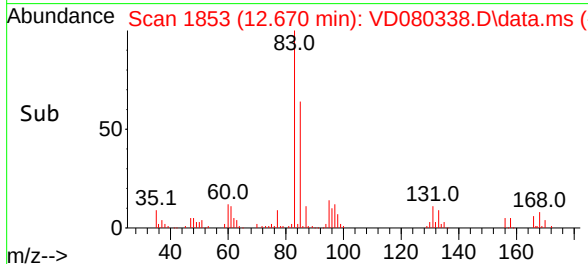
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050



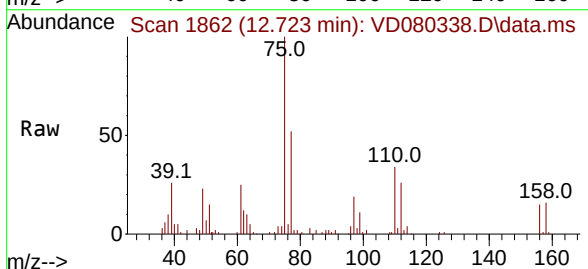
Tgt Ion: 83 Resp: 7138
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 65.5 32.9 98.6

Manual Integrations
APPROVED

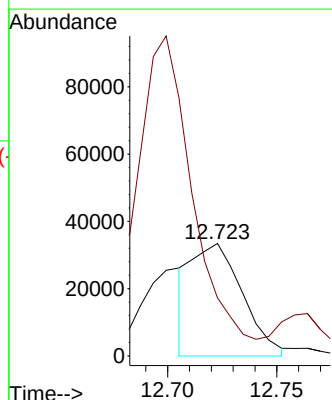
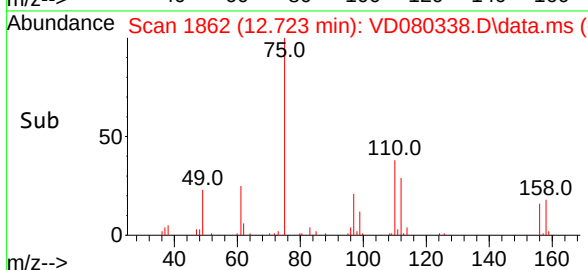
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

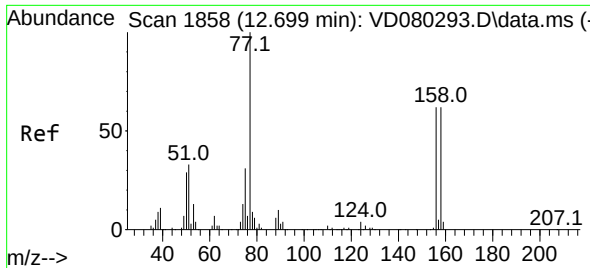


#76
1,2,3-Trichloropropane
Concen: 55.811 ug/l m
RT: 12.723 min Scan# 1862
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21



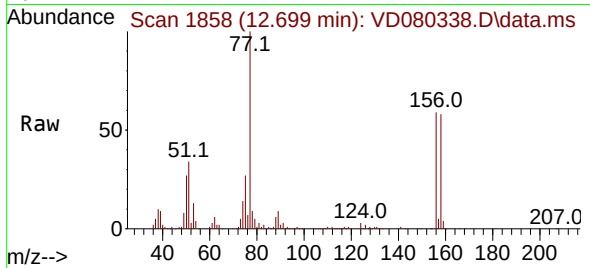
Tgt Ion: 75 Resp: 54628
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 53.918 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

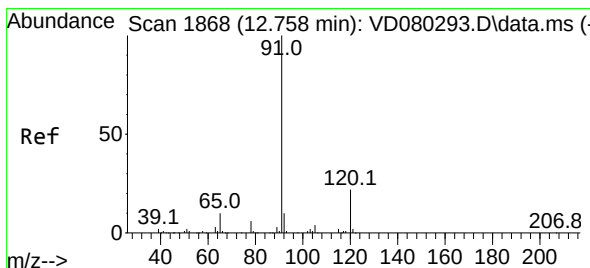
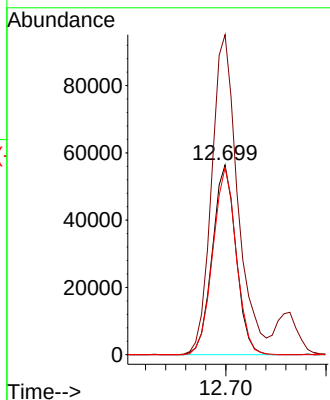
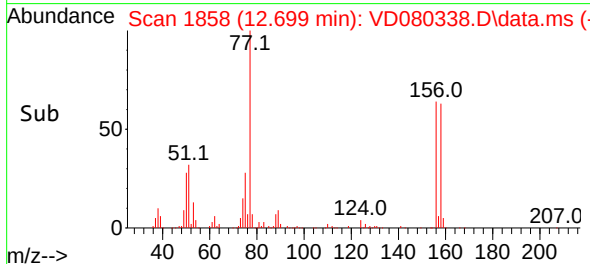
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



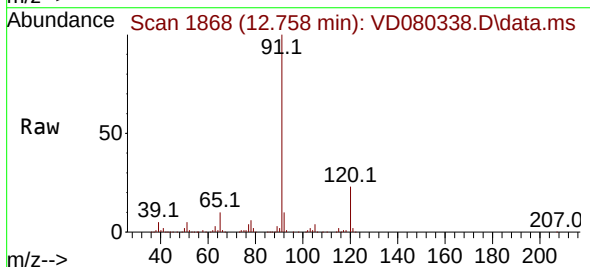
Tgt Ion:156 Resp: 92008
Ion Ratio Lower Upper
156 100
77 186.4 89.8 269.6
158 98.3 47.9 143.8

Manual Integrations
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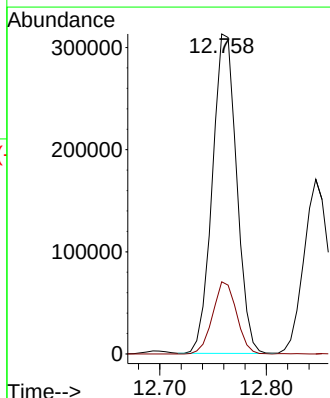
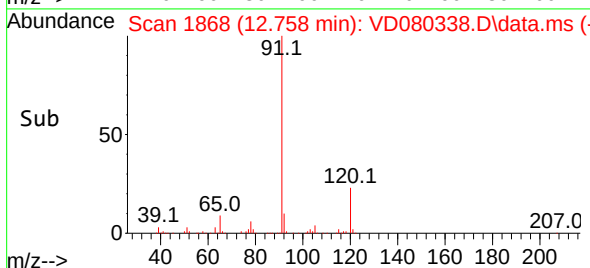
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

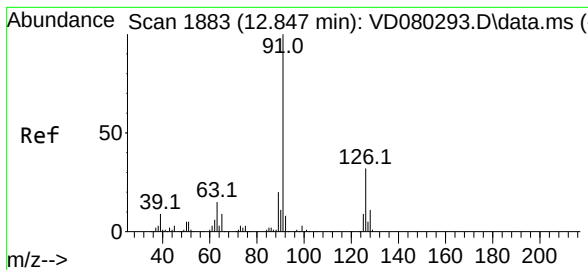


#78
n-propylbenzene
Concen: 59.945 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21



Tgt Ion: 91 Resp: 494888
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5





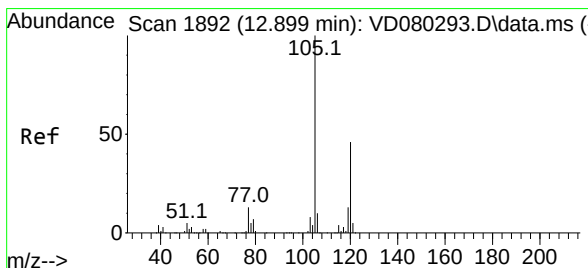
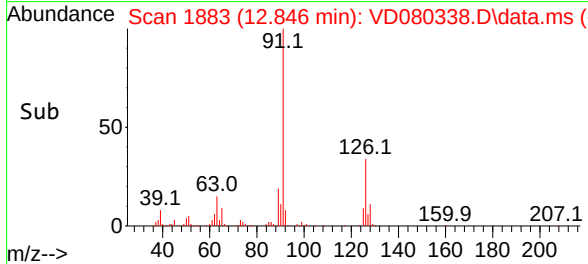
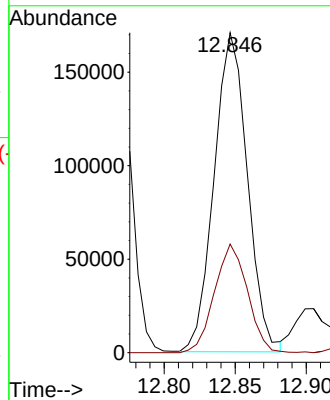
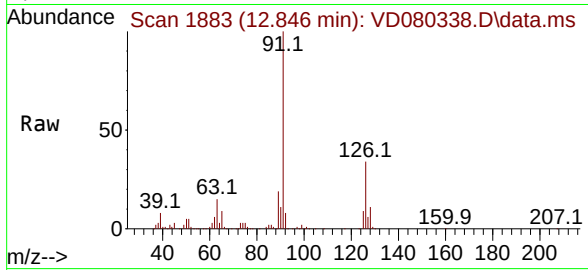
#79
2-Chlorotoluene
Concen: 57.978 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 27841
Ion Ratio Lower Upper
91 100
126 33.6 17.2 51.5

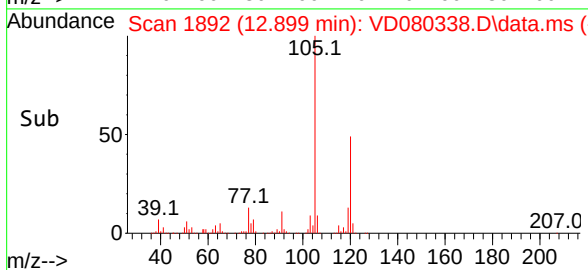
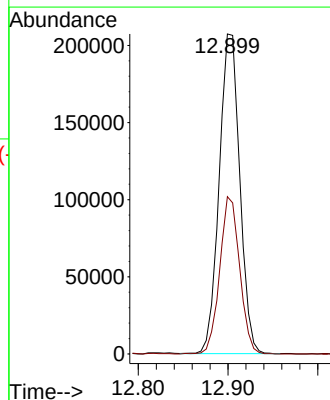
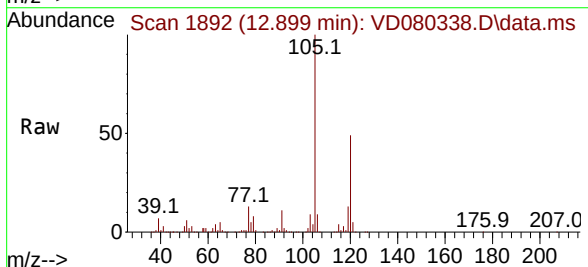
Manual Integrations
APPROVED

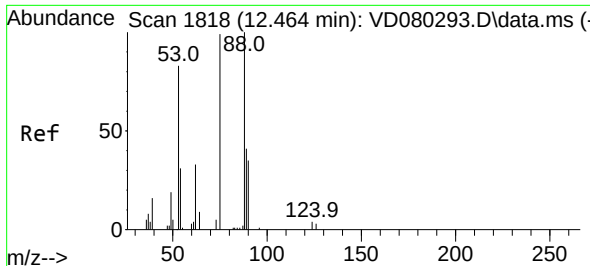
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 58.898 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

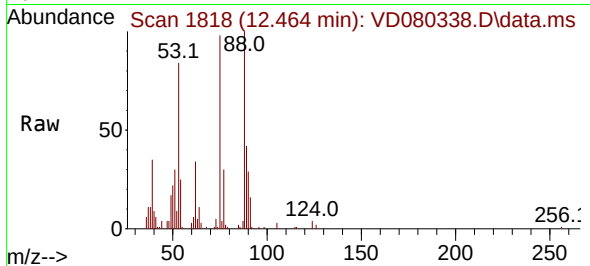
Tgt Ion:105 Resp: 330481
Ion Ratio Lower Upper
105 100
120 47.6 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 53.487 ug/l
RT: 12.464 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

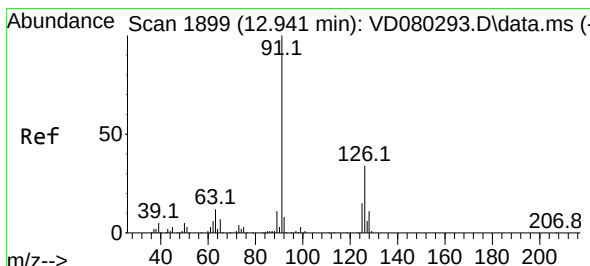
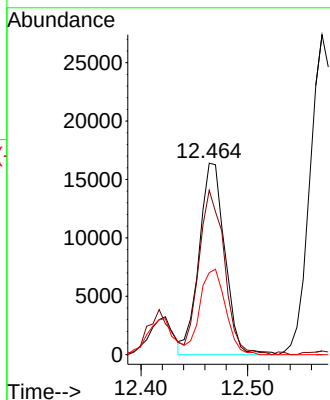
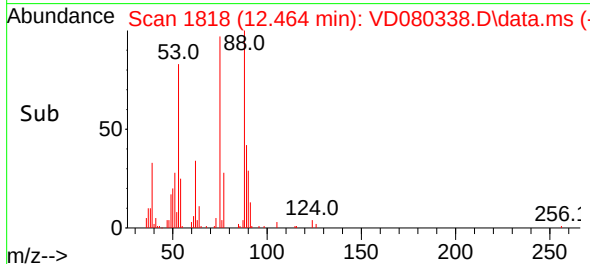
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2758
Ion Ratio Lower Upper
75 100
53 84.6 68.7 103.1
89 44.5 36.1 54.1

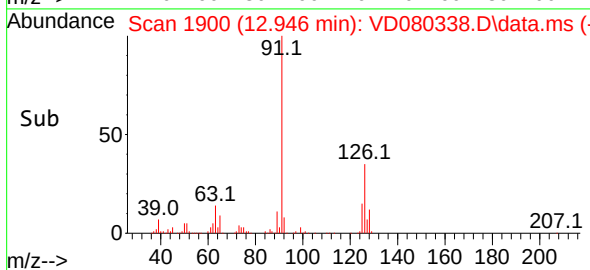
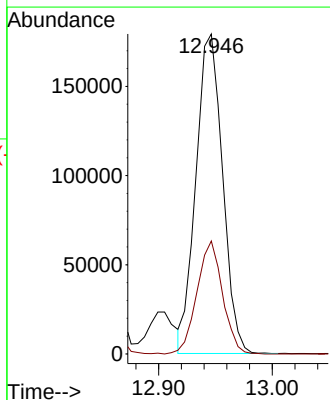
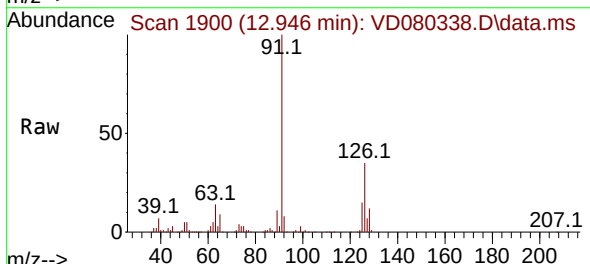
Manual Integrations
APPROVED

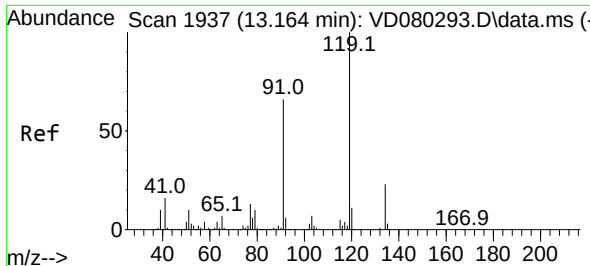
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 56.313 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

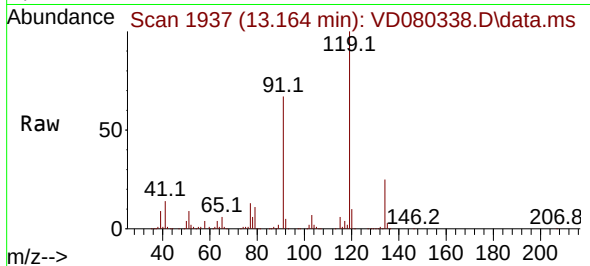
Tgt Ion: 91 Resp: 291908
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.3





#83
 tert-Butylbenzene
 Concen: 59.243 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.001 min
 Lab File: VD080338.D
 Acq: 15 May 2025 10:21

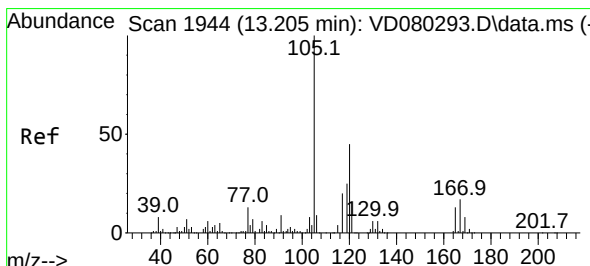
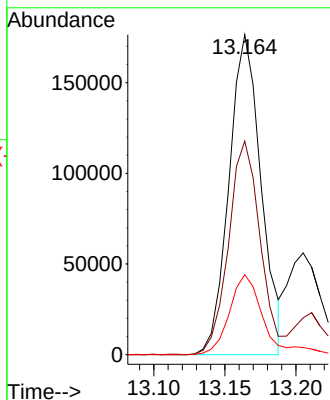
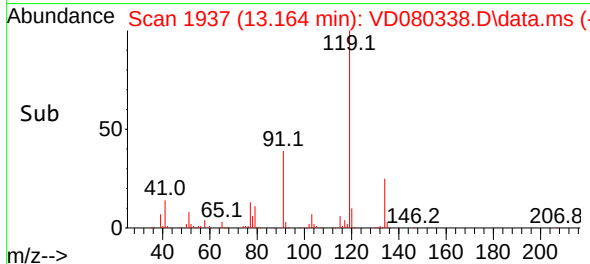
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



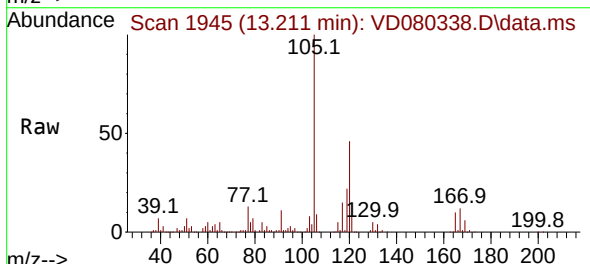
Tgt Ion:119 Resp: 277397
 Ion Ratio Lower Upper
 119 100
 91 66.5 33.3 99.9
 134 26.5 13.5 40.5

Manual Integrations
 APPROVED

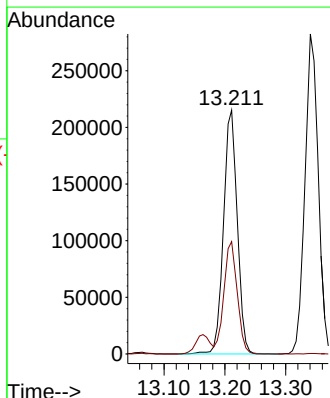
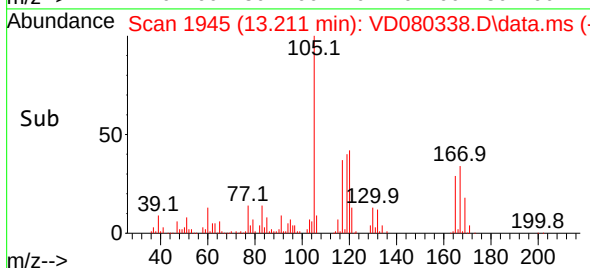
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

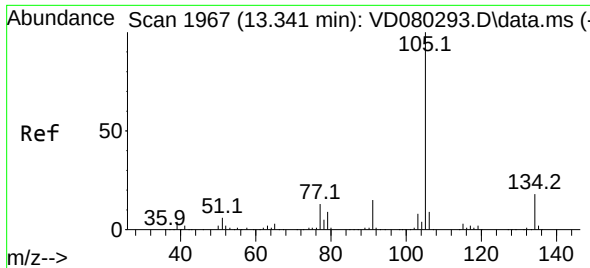


#84
 1,2,4-Trimethylbenzene
 Concen: 58.796 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.001 min
 Lab File: VD080338.D
 Acq: 15 May 2025 10:21



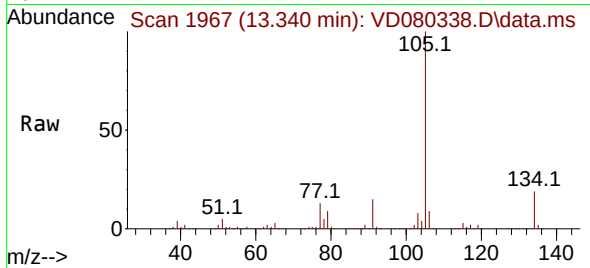
Tgt Ion:105 Resp: 337550
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 59.298 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080338.D
 Acq: 15 May 2025 10:21

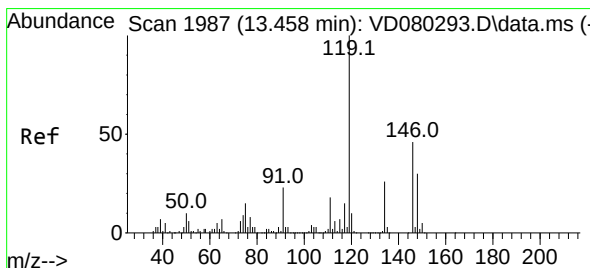
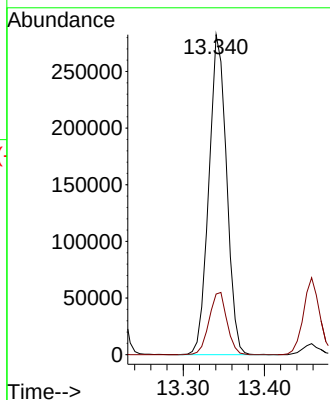
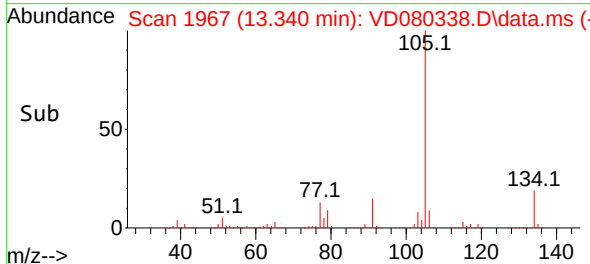
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



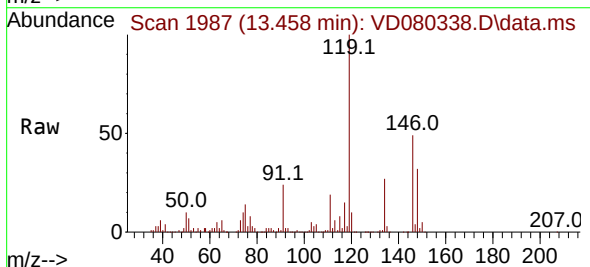
Tgt Ion:105 Resp: 428165
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

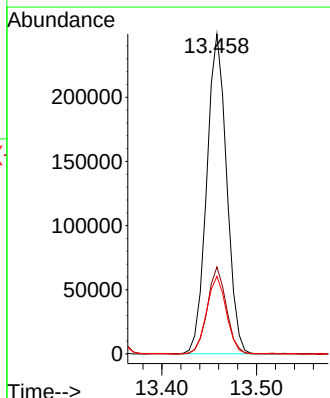
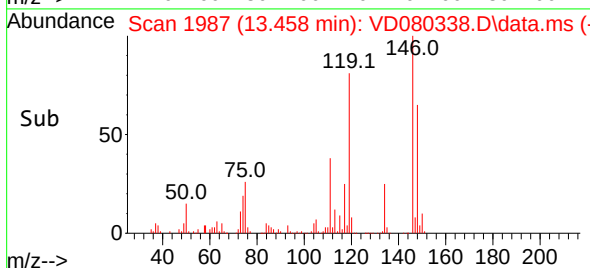
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

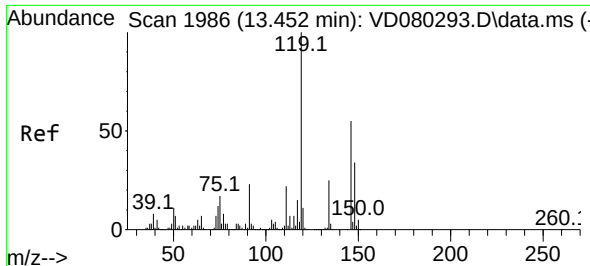


#86
 p-Isopropyltoluene
 Concen: 59.828 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.001 min
 Lab File: VD080338.D
 Acq: 15 May 2025 10:21



Tgt Ion:119 Resp: 363065
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 24.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 54.717 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA_D

ClientSampleId :

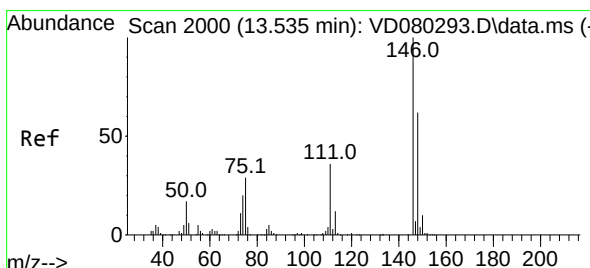
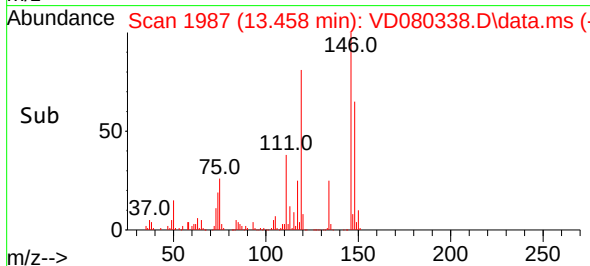
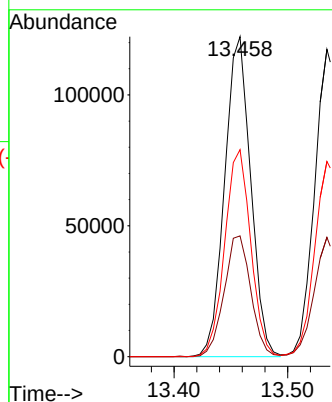
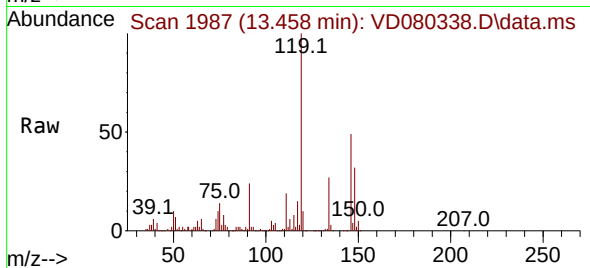
VSTDCCC050

Tgt Ion:146	Resp: 19472
Ion Ratio	Lower Upper
146	100
111	38.8 20.0 59.9
148	64.7 31.9 95.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 52.622 ug/l

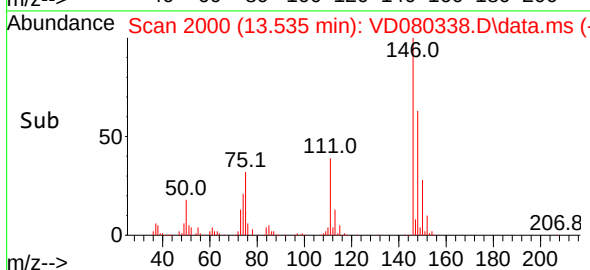
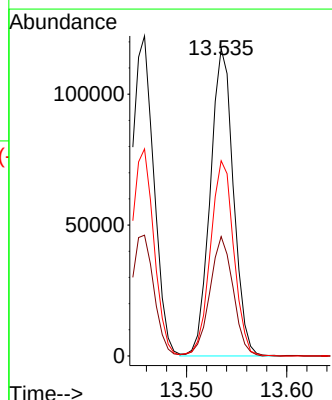
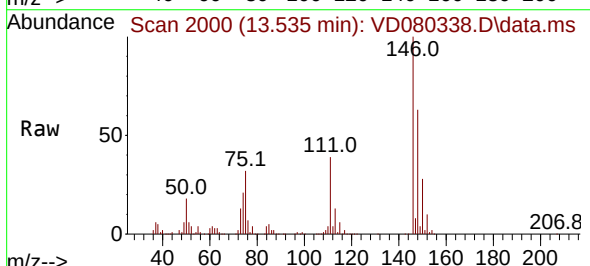
RT: 13.535 min Scan# 2000

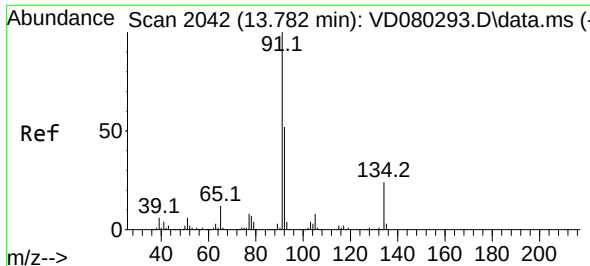
Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Tgt Ion:146	Resp: 188790
Ion Ratio	Lower Upper
146	100
111	39.1 19.3 57.8
148	64.1 32.9 98.7





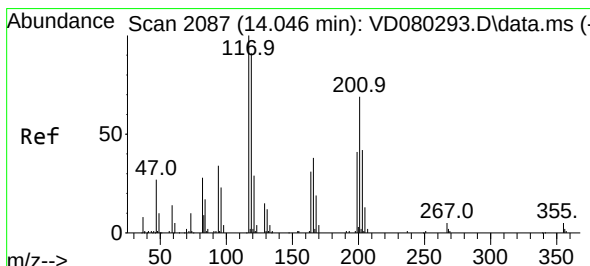
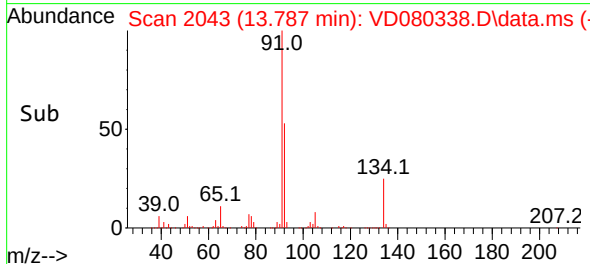
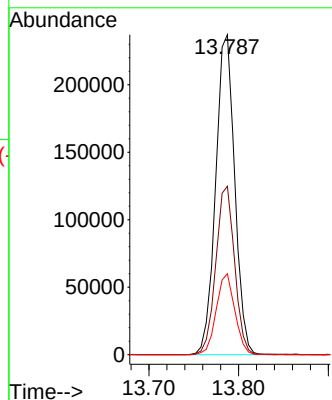
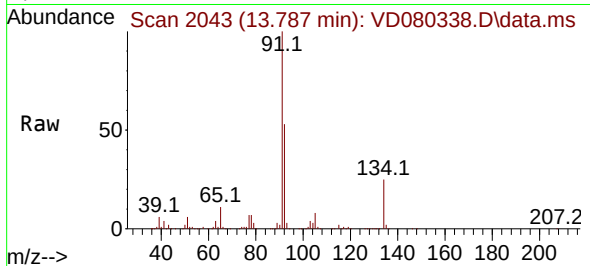
#89
n-Butylbenzene
Concen: 59.348 ug/l
RT: 13.787 min Scan# 2043
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 349615
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.9
134 24.7 12.3 36.8

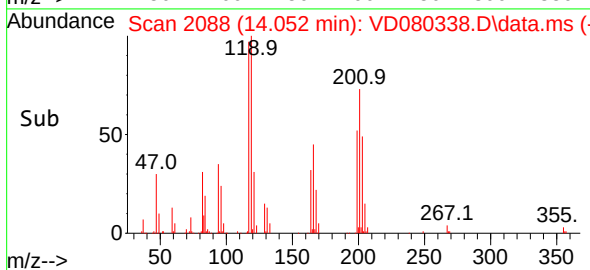
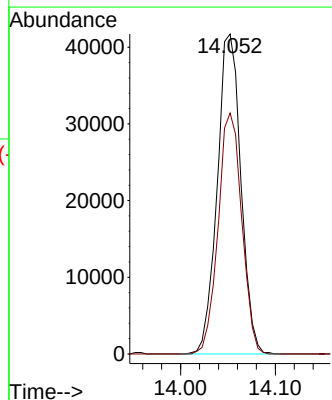
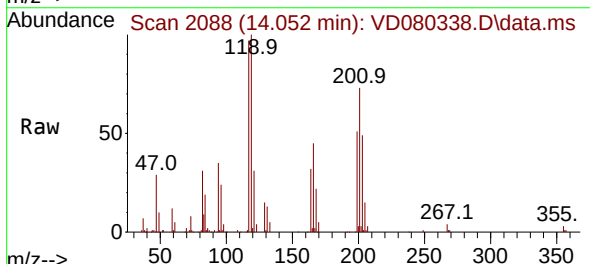
Manual Integrations
APPROVED

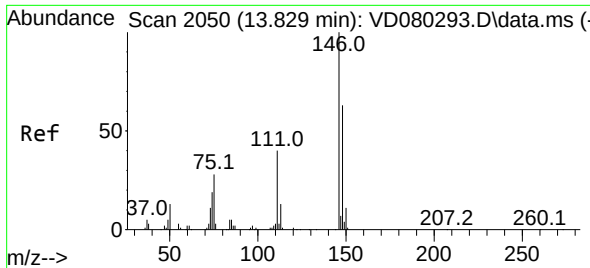
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90
Hexachloroethane
Concen: 53.882 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

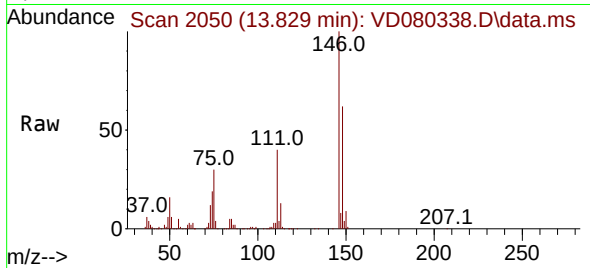
Tgt Ion:117 Resp: 72348
Ion Ratio Lower Upper
117 100
201 75.2 37.5 112.5





#91
1,2-Dichlorobenzene
Concen: 54.404 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

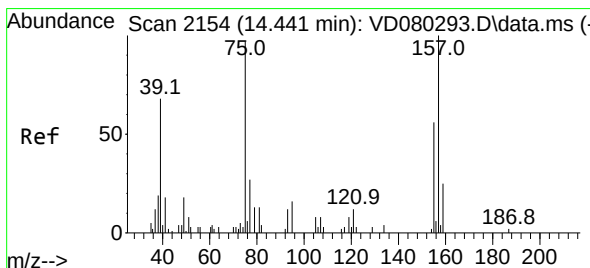
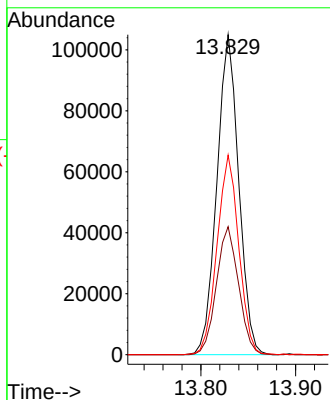
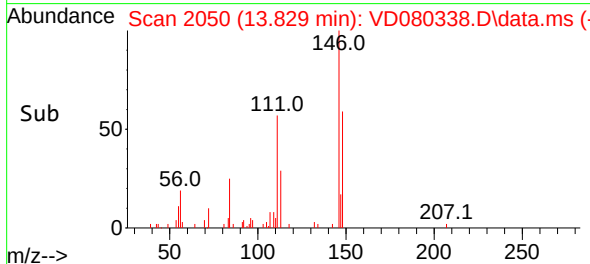
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



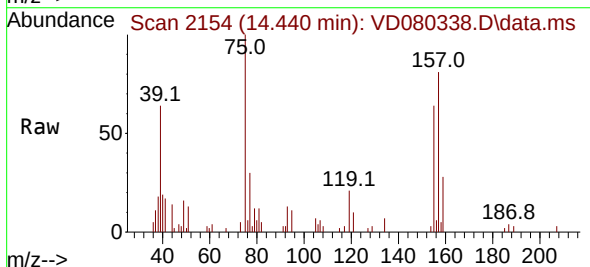
Tgt Ion:146 Resp: 16818
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 62.1 32.7 98.1

Manual Integrations
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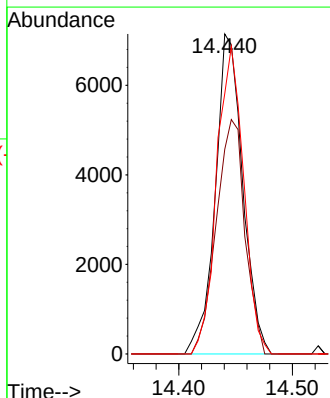
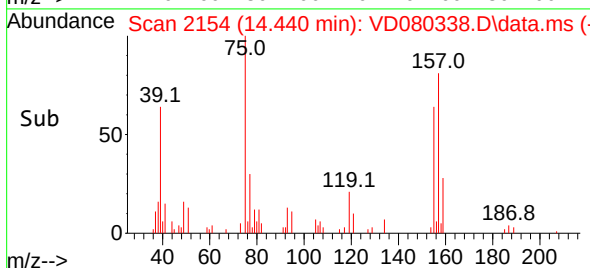
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

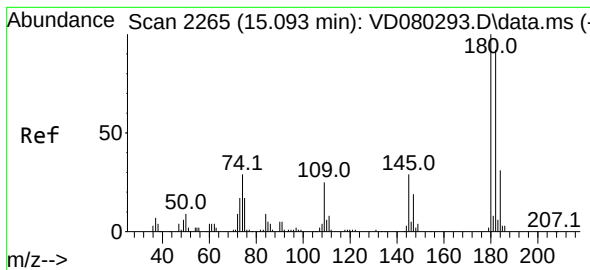


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.928 ug/l
RT: 14.440 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21



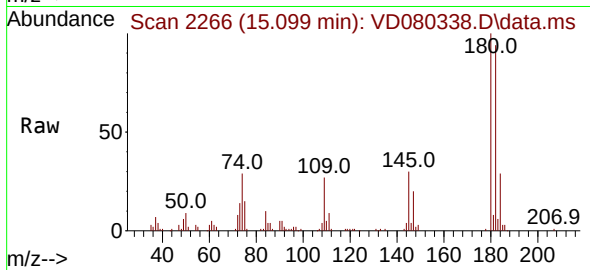
Tgt Ion: 75 Resp: 11973
Ion Ratio Lower Upper
75 100
155 76.7 40.6 122.0
157 94.3 53.3 159.9





#93
1,2,4-Trichlorobenzene
Concen: 53.819 ug/l
RT: 15.099 min Scan# 2265
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21

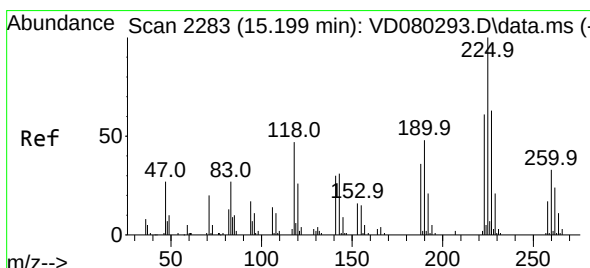
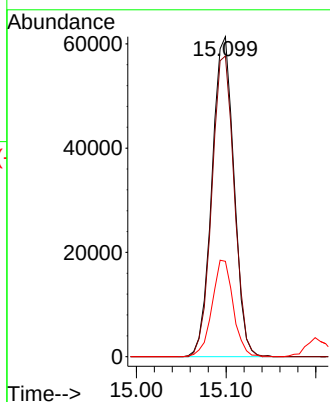
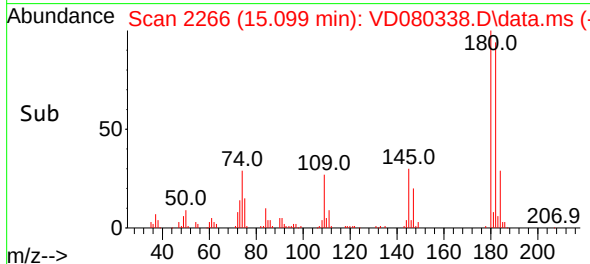
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



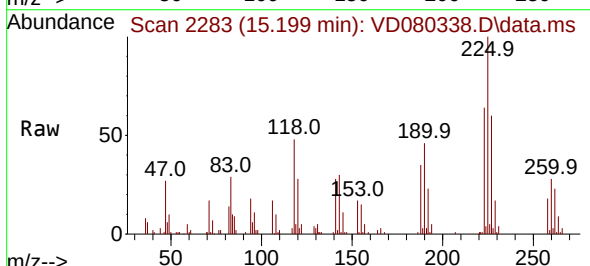
Tgt Ion:180 Resp: 104633
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 29.0 14.7 44.1

Manual Integrations
APPROVED

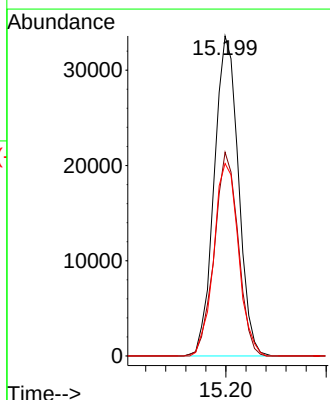
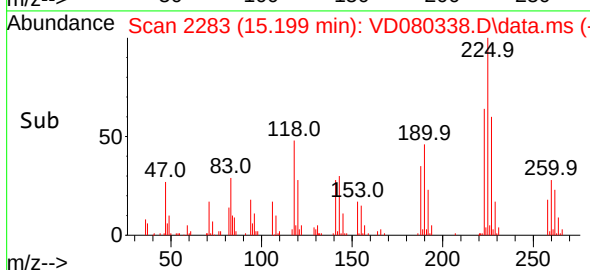
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

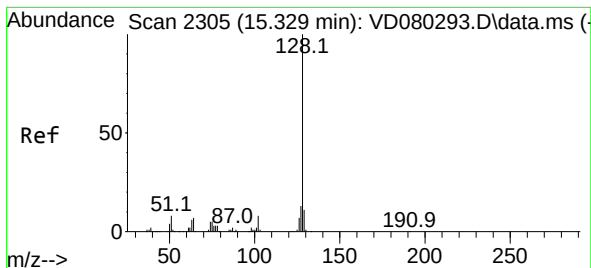


#94
Hexachlorobutadiene
Concen: 55.602 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. 0.001 min
Lab File: VD080338.D
Acq: 15 May 2025 10:21



Tgt Ion:225 Resp: 56239
Ion Ratio Lower Upper
225 100
223 62.5 31.5 94.5
227 61.5 30.9 92.5





#95

Naphthalene

Concen: 52.553 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA_D

ClientSampleId :

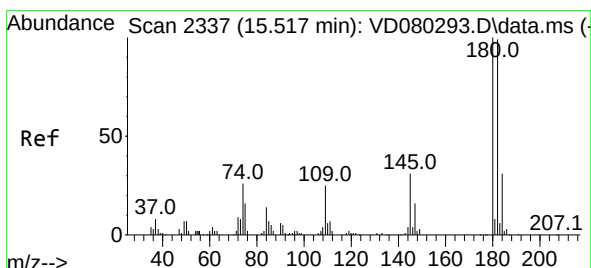
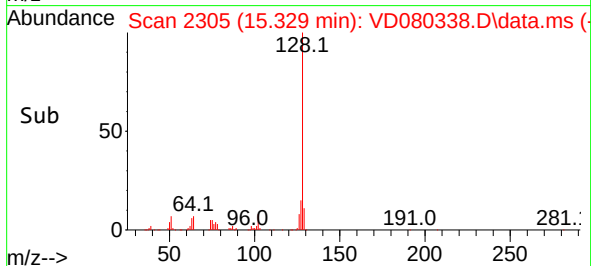
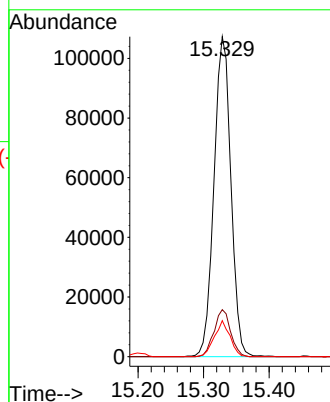
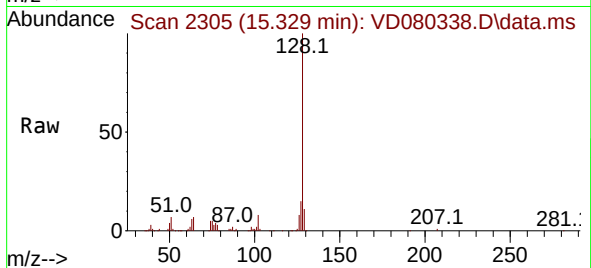
VSTDCCC050

Tgt Ion:128	Resp: 191844
Ion Ratio	Lower Upper
128 100	
127 14.7	11.8 17.8
129 11.3	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 53.806 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Tgt Ion:180	Resp: 93558
Ion Ratio	Lower Upper
180 100	
182 94.3	47.5 142.6
145 31.2	15.7 47.0

