

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
 Data File : VD080362.D
 Acq On : 16 May 2025 11:03
 Operator : RP/MD
 Sample : VD0516SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
 Supervised By :Semsettin Yesilyurt 05/19/2025

Quant Time: May 17 01:16:20 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	69189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	113744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	159822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	60838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	43279	48.371	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.740%		
35) Dibromofluoromethane	7.805	113	42206	55.363	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.720%		
50) Toluene-d8	10.270	98	159724	53.175	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.340%		
62) 4-Bromofluorobenzene	12.570	95	50338	52.212	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	18990	28.690	ug/l	98
3) Chloromethane	2.147	50	37892	29.874	ug/l	91
4) Vinyl Chloride	2.288	62	42912	23.857	ug/l	96
5) Bromomethane	2.694	94	36955	28.543	ug/l	98
6) Chloroethane	2.841	64	33694	26.494	ug/l	95
7) Trichlorofluoromethane	3.176	101	41316	29.956	ug/l	89
8) Diethyl Ether	3.594	74	12723	29.884	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.970	101	19811	23.313	ug/l	98
10) Methyl Iodide	4.164	142	17225	19.885	ug/l	96
11) Tert butyl alcohol	5.052	59	4467	82.275	ug/l #	89
12) 1,1-Dichloroethene	3.941	96	18780	22.417	ug/l	90
13) Acrolein	3.800	56	5983	62.631	ug/l	96
14) Allyl chloride	4.564	41	22403	17.003	ug/l	94
15) Acrylonitrile	5.258	53	17368	84.854	ug/l	95
16) Acetone	4.023	43	13575	88.158	ug/l	96
17) Carbon Disulfide	4.276	76	54643	18.783	ug/l	98
18) Methyl Acetate	4.564	43	9968	17.217	ug/l	95
19) Methyl tert-butyl Ether	5.329	73	33591	18.251	ug/l	99
20) Methylene Chloride	4.805	84	21948	20.729	ug/l	92
21) trans-1,2-Dichloroethene	5.311	96	18126	19.916	ug/l	92
22) Diisopropyl ether	6.223	45	50558	18.628	ug/l	97
23) Vinyl Acetate	6.158	43	132390	83.750	ug/l	97
24) 1,1-Dichloroethane	6.111	63	33950	19.878	ug/l	98
25) 2-Butanone	7.082	43	25301	102.774	ug/l	90
26) 2,2-Dichloropropane	7.076	77	32555	23.955	ug/l	98
27) cis-1,2-Dichloroethene	7.082	96	24713	24.508	ug/l	98
28) Bromochloromethane	7.429	49	17976	22.605	ug/l #	99
29) Tetrahydrofuran	7.441	42	16840	104.913	ug/l	98
30) Chloroform	7.594	83	43219	25.375	ug/l	99
31) Cyclohexane	7.882	56	23567	16.213	ug/l #	93
32) 1,1,1-Trichloroethane	7.793	97	29476	21.213	ug/l	99
36) 1,1-Dichloropropene	8.011	75	22717	19.938	ug/l	99
37) Ethyl Acetate	7.170	43	13403	22.496	ug/l	98
38) Carbon Tetrachloride	7.988	117	25329	21.317	ug/l	93
39) Methylcyclohexane	9.270	83	23242	17.580	ug/l	96
40) Benzene	8.252	78	72324	20.259	ug/l	97

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 Supervised By :Semsettin Yesilyurt 05/19/2025

Quant Time: May 17 01:16:20 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)
41) Methacrylonitrile	7.405	41	6528	19.800	ug/l	91
42) 1,2-Dichloroethane	8.329	62	20404	19.724	ug/l	97
43) Isopropyl Acetate	8.364	43	18331	16.967	ug/l #	85
44) Trichloroethene	9.029	130	17587	21.222	ug/l	99
45) 1,2-Dichloropropane	9.305	63	18779	20.510	ug/l #	86
46) Dibromomethane	9.388	93	10658	21.380	ug/l	100
47) Bromodichloromethane	9.588	83	26872	21.238	ug/l #	96
48) Methyl methacrylate	9.382	41	8836	17.213	ug/l #	93
49) 1,4-Dioxane	9.388	88	1889	318.730	ug/l #	80
51) 4-Methyl-2-Pentanone	10.158	43	47900	86.050	ug/l	99
52) Toluene	10.335	92	45401	21.110	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	23525	20.395	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	26724	19.993	ug/l	95
55) 1,1,2-Trichloroethane	10.735	97	13706	20.786	ug/l	96
56) Ethyl methacrylate	10.599	69	14205	17.778	ug/l	95
57) 1,3-Dichloropropane	10.882	76	28392	25.908	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.870	63	30244	92.492	ug/l	100
59) 2-Hexanone	10.923	43	41149	107.460	ug/l	95
60) Dibromochloromethane	11.070	129	24464	29.605	ug/l	98
61) 1,2-Dibromoethane	11.176	107	15452	25.272	ug/l	90
64) Tetrachloroethene	10.805	164	17649	16.307	ug/l	95
65) Chlorobenzene	11.605	112	73754	20.438	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.682	131	25600	20.648	ug/l	94
67) Ethyl Benzene	11.682	91	111431	18.478	ug/l	92
68) m/p-Xylenes	11.793	106	81224	34.688	ug/l	99
69) o-Xylene	12.123	106	35244	16.471	ug/l	95
70) Styrene	12.134	104	66077	17.198	ug/l	99
71) Bromoform	12.299	173	10649	14.457	ug/l #	98
73) Isopropylbenzene	12.417	105	71215	18.045	ug/l	98
74) N-amyl acetate	12.234	43	18585	16.408	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.670	83	16275	18.753	ug/l	100
76) 1,2,3-Trichloropropane	12.717	75	10488m	17.862	ug/l	
77) Bromobenzene	12.699	156	19294	18.848	ug/l	95
78) n-propylbenzene	12.764	91	91805	18.537	ug/l	99
79) 2-Chlorotoluene	12.846	91	55119	19.134	ug/l	100
80) 1,3,5-Trimethylbenzene	12.905	105	63117	18.751	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.470	75	5207	16.833	ug/l	92
82) 4-Chlorotoluene	12.946	91	60880	19.578	ug/l	98
83) tert-Butylbenzene	13.164	119	51617	18.377	ug/l	97
84) 1,2,4-Trimethylbenzene	13.211	105	66292	19.249	ug/l	99
85) sec-Butylbenzene	13.340	105	80451	18.573	ug/l	100
86) p-Isopropyltoluene	13.458	119	66920	18.383	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	41955	19.653	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	41385	19.229	ug/l	96
89) n-Butylbenzene	13.787	91	63139	17.867	ug/l	98
90) Hexachloroethane	14.052	117	16175	20.081	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	36777	19.831	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	2812	20.331	ug/l	90
93) 1,2,4-Trichlorobenzene	15.093	180	20918	17.936	ug/l	98
94) Hexachlorobutadiene	15.199	225	11399	18.787	ug/l	95
95) Naphthalene	15.323	128	34394	15.706	ug/l	96
96) 1,2,3-Trichlorobenzene	15.517	180	19073	18.285	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

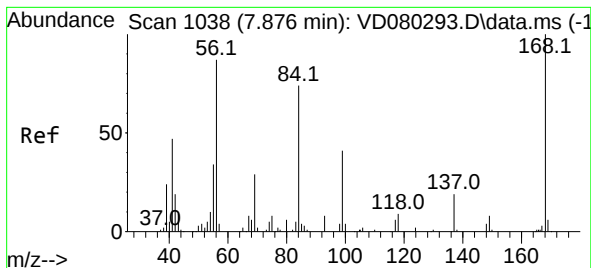
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

Quant Time: May 17 01:16:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

Tgt Ion:168 Resp: 69189

Ion Ratio Lower Upper

168 100

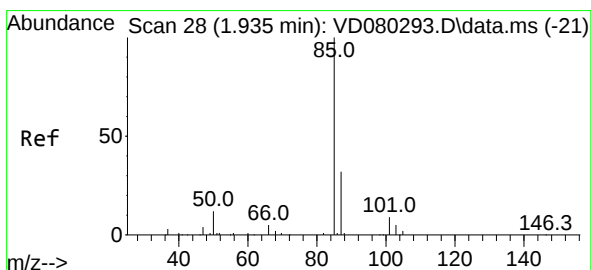
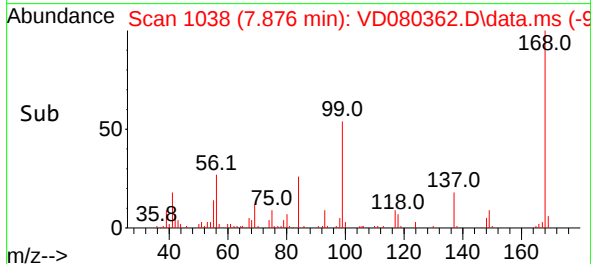
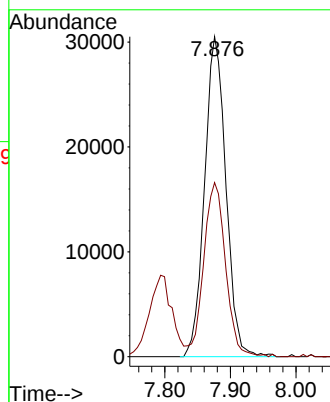
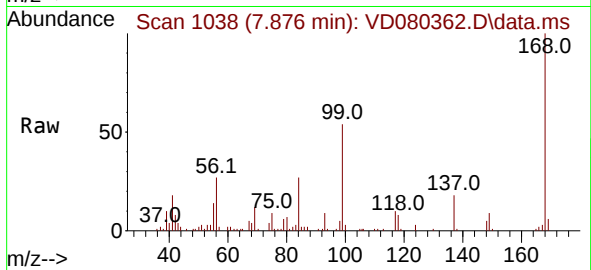
99 54.4 46.0 69.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#2

Dichlorodifluoromethane

Concen: 28.690 ug/l

RT: 1.935 min Scan# 28

Delta R.T. 0.001 min

Lab File: VD080362.D

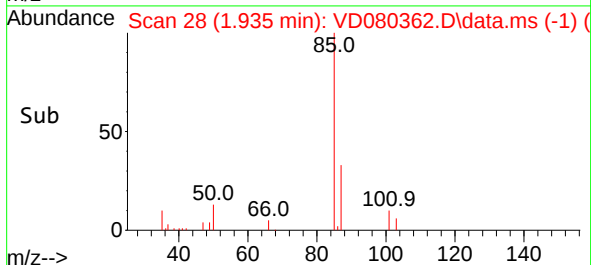
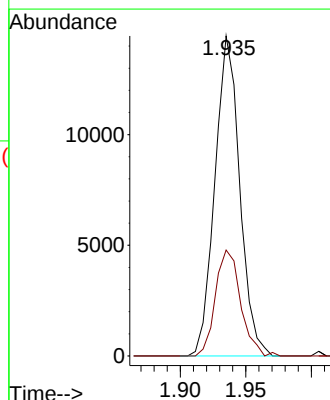
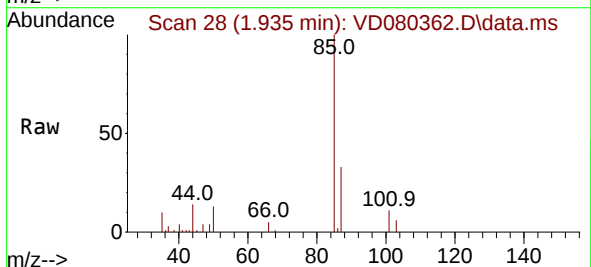
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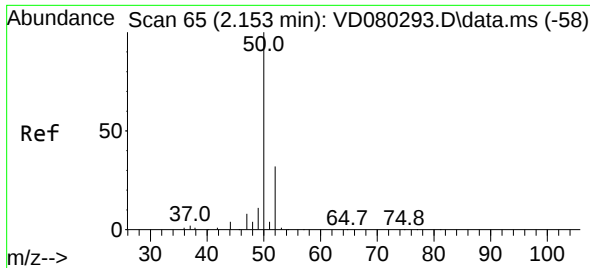
Tgt Ion: 85 Resp: 18990

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2





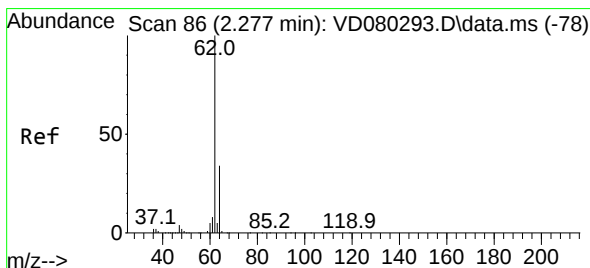
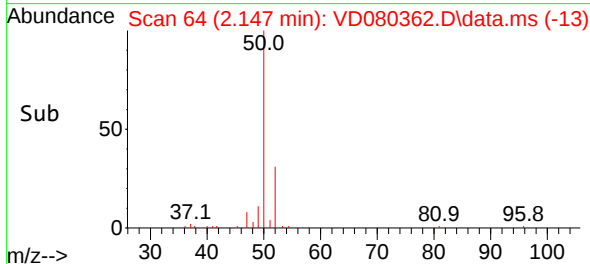
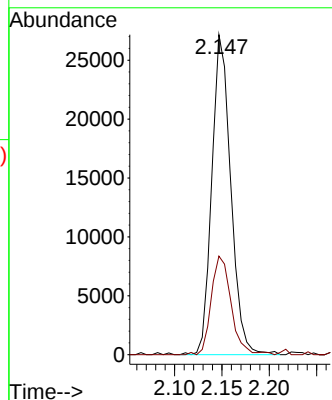
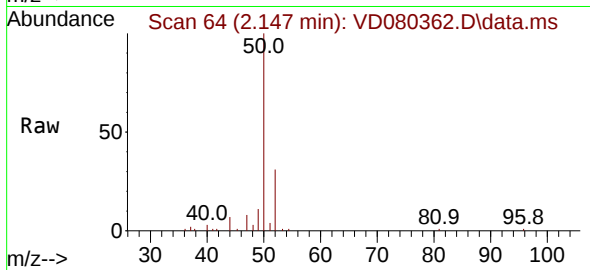
#3
Chloromethane
Concen: 29.874 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion: 50 Resp: 37892
Ion Ratio Lower Upper
50 100
52 30.8 28.8 43.2

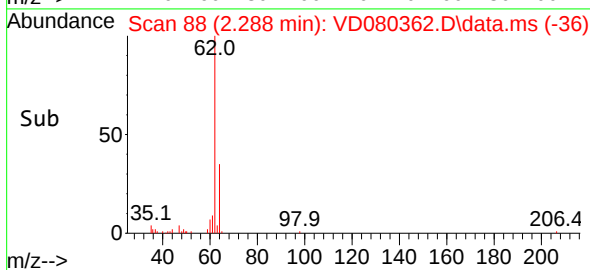
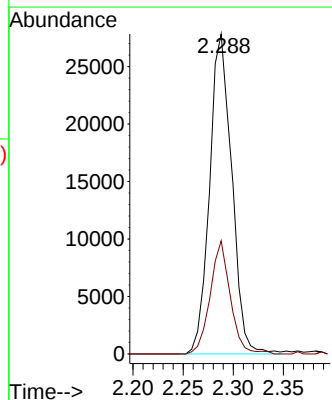
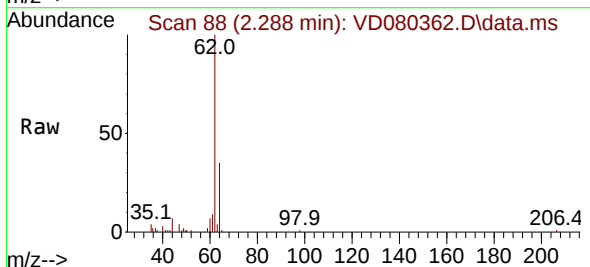
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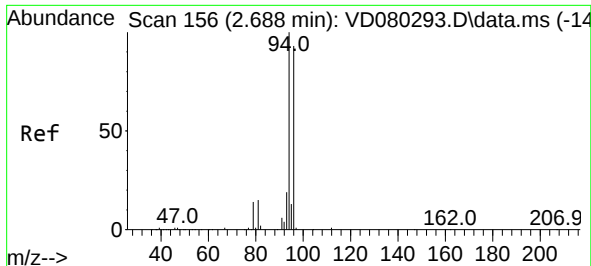
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#4
Vinyl Chloride
Concen: 23.857 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

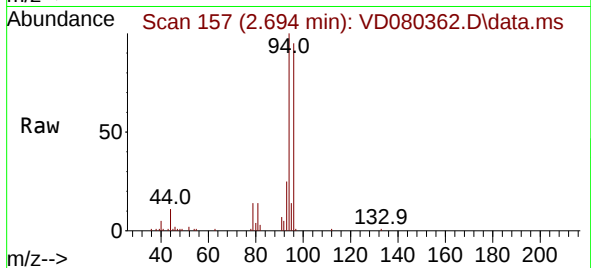
Tgt Ion: 62 Resp: 42912
Ion Ratio Lower Upper
62 100
64 35.3 26.5 39.7





#5
Bromomethane
Concen: 28.543 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

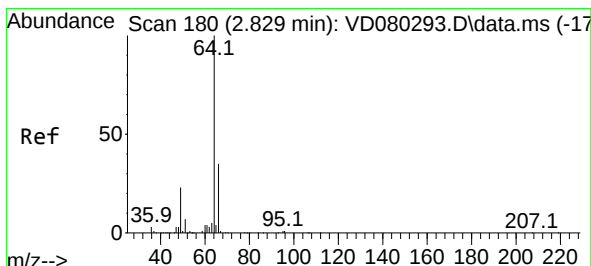
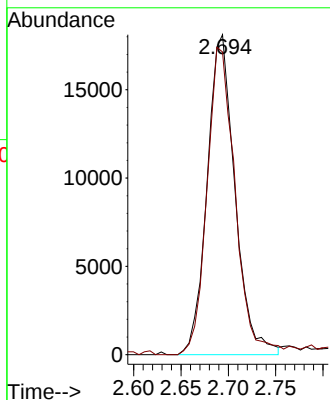
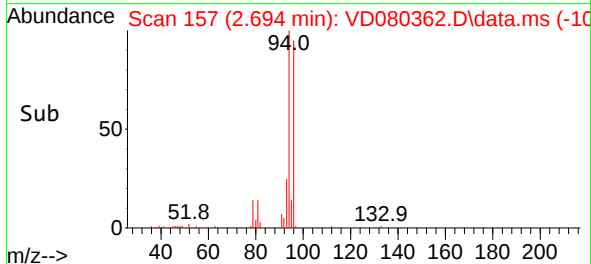
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



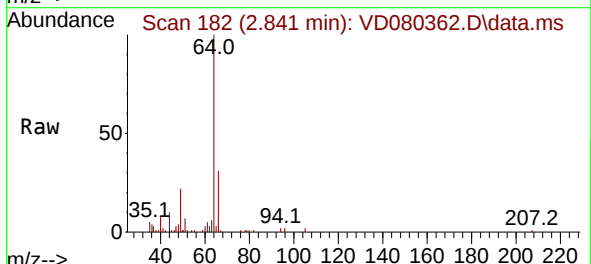
Tgt Ion: 94 Resp: 3695
Ion Ratio Lower Upper
94 100
96 97.0 76.2 114.2

Manual Integrations
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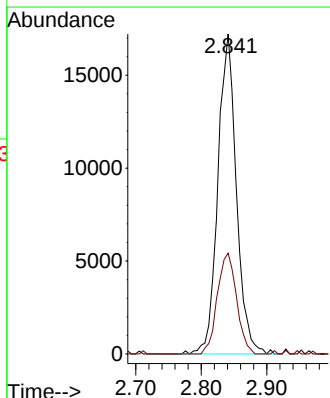
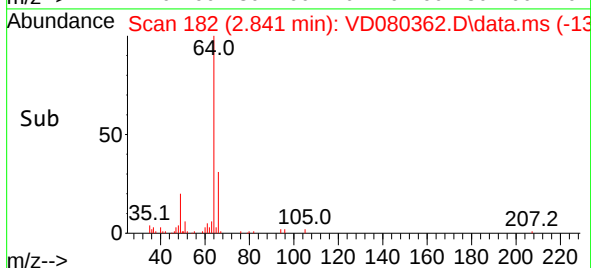
Reviewed By :Mahesh Dadoda 05/19/2025
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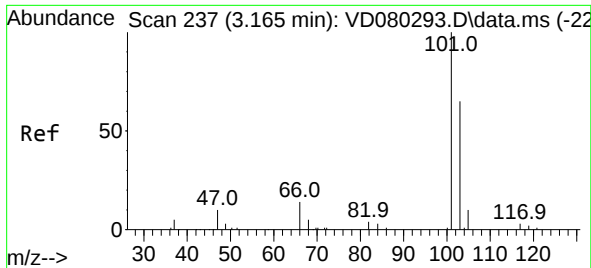


#6
Chloroethane
Concen: 26.494 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03



Tgt Ion: 64 Resp: 33694
Ion Ratio Lower Upper
64 100
66 31.5 27.6 41.4





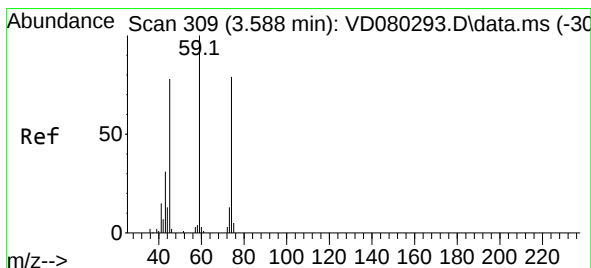
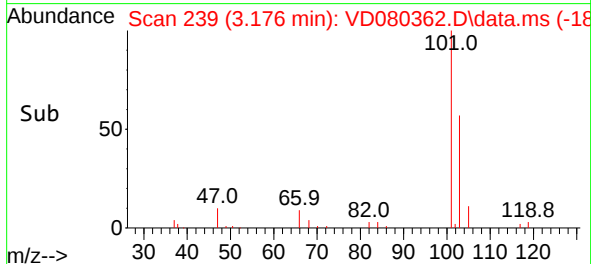
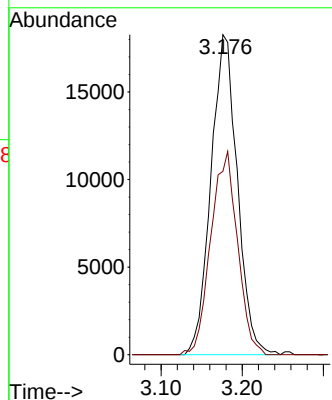
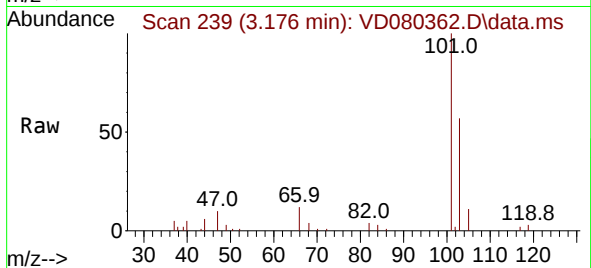
#7
 Trichlorofluoromethane
 Concen: 29.956 ug/l
 RT: 3.176 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Tgt Ion:101 Resp: 41310
 Ion Ratio Lower Upper
 101 100
 103 57.3 53.0 79.6

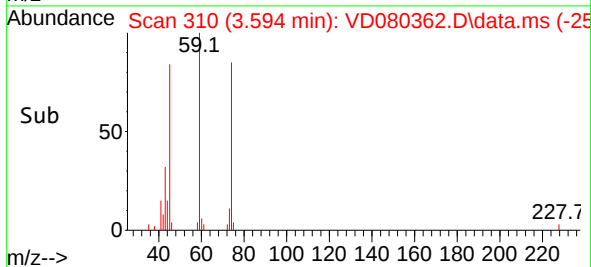
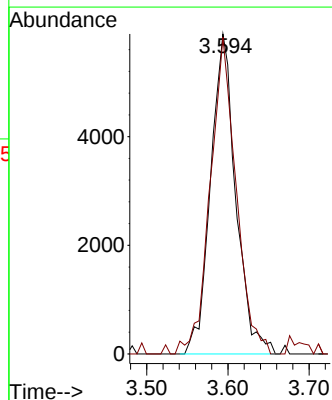
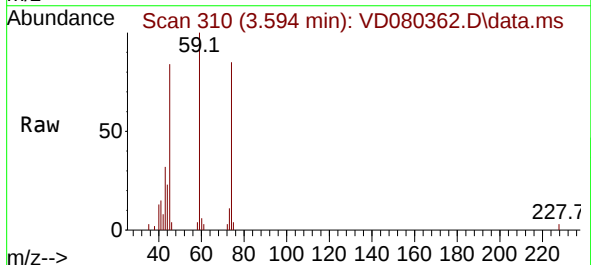
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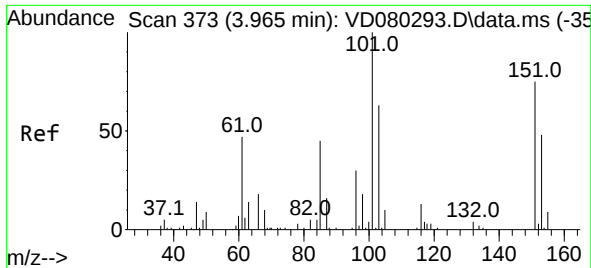
Reviewed By :Mahesh Dadoda 05/19/2025
 Supervised By :Semsettin Yesilyurt 05/19/2025



#8
 Diethyl Ether
 Concen: 29.884 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.001 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

Tgt Ion: 74 Resp: 12723
 Ion Ratio Lower Upper
 74 100
 45 101.9 47.8 143.3





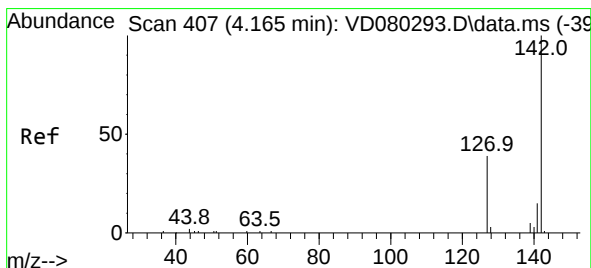
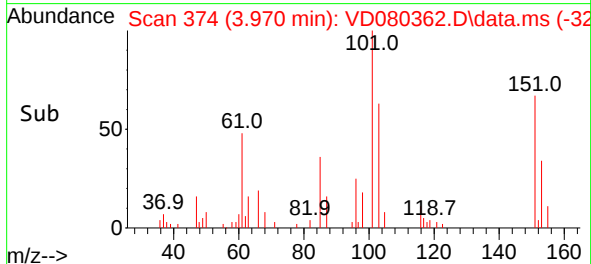
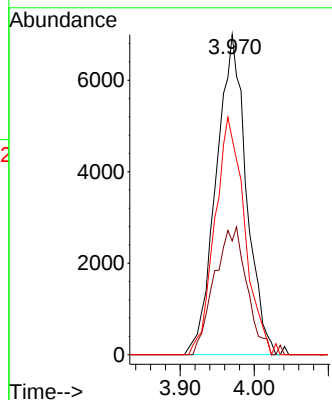
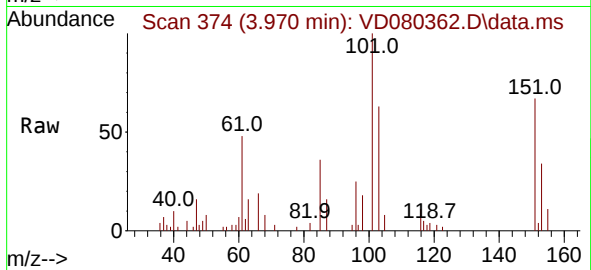
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.313 ug/l
RT: 3.970 min Scan# 373
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion:101 Resp: 1981
Ion Ratio Lower Upper
101 100
85 42.8 35.3 52.9
151 73.2 60.3 90.5

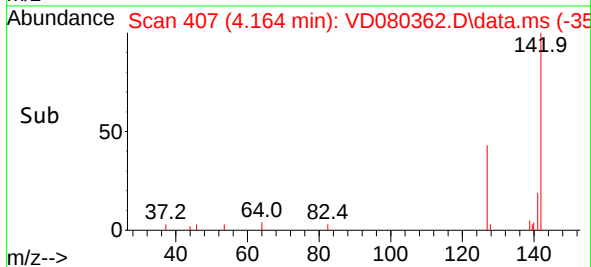
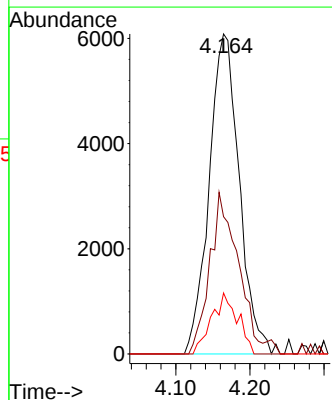
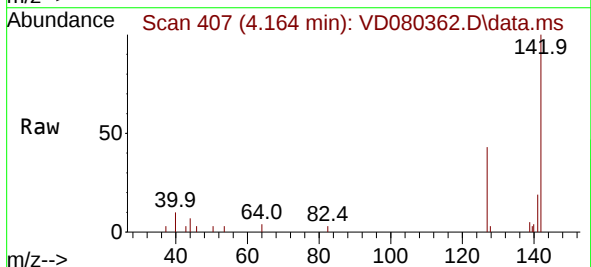
Manual Integrations
APPROVED

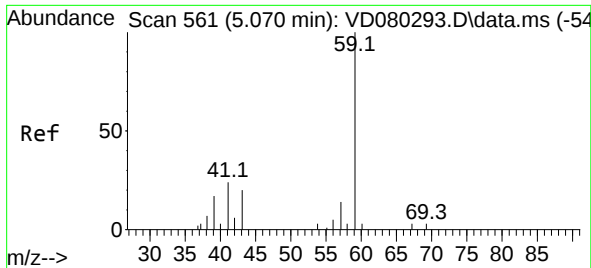
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#10
Methyl Iodide
Concen: 19.885 ug/l
RT: 4.164 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion:142 Resp: 17225
Ion Ratio Lower Upper
142 100
127 47.4 35.3 52.9
141 16.4 12.2 18.2





#11

Tert butyl alcohol

Concen: 82.275 ug/l

RT: 5.052 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

Tgt Ion: 59 Resp: 446

Ion Ratio Lower Upper

59 100

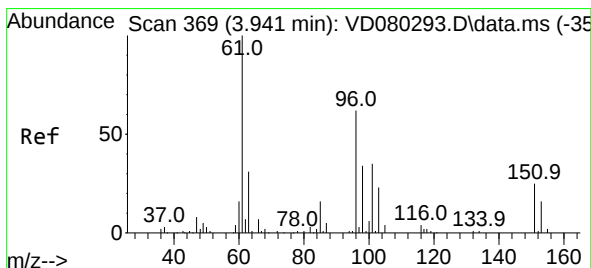
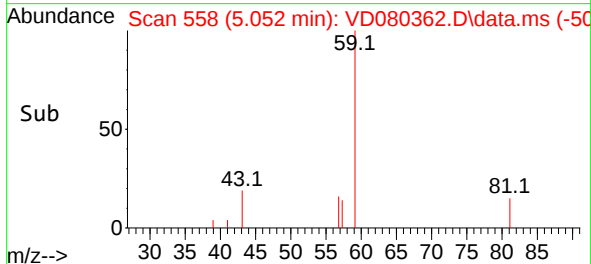
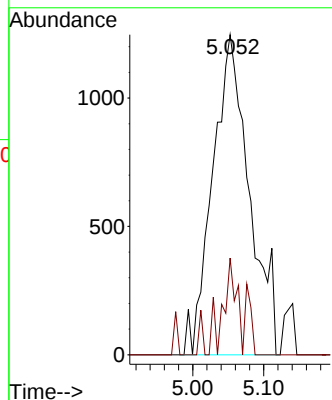
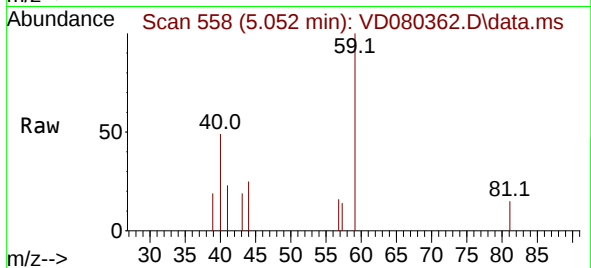
57 9.6 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#12

1,1-Dichloroethene

Concen: 22.417 ug/l

RT: 3.941 min Scan# 369

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

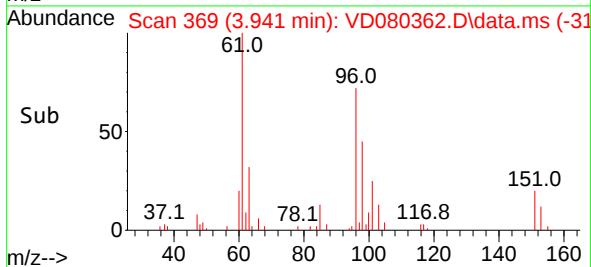
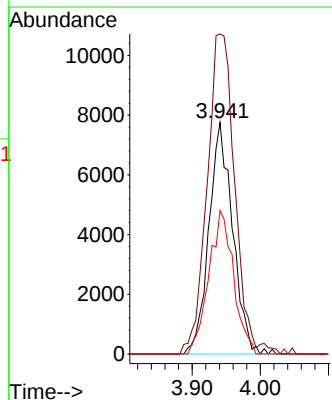
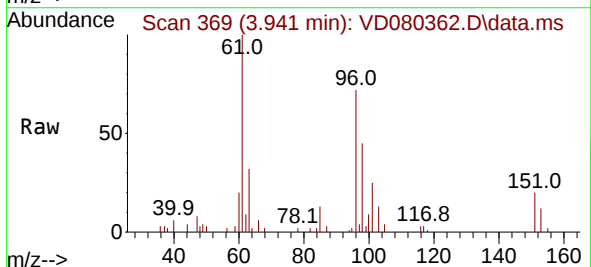
Tgt Ion: 96 Resp: 18780

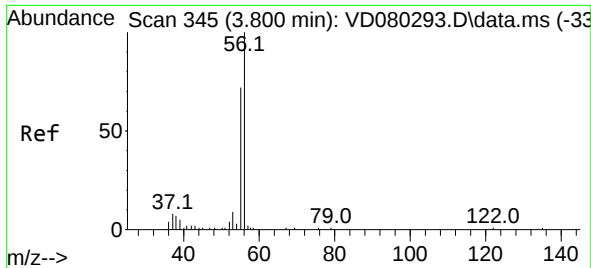
Ion Ratio Lower Upper

96 100

61 138.3 122.6 184.0

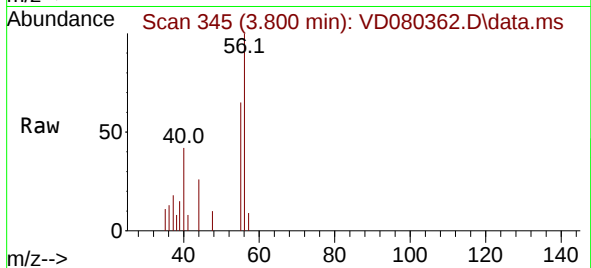
98 62.0 47.1 70.7





#13
Acrolein
Concen: 62.631 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

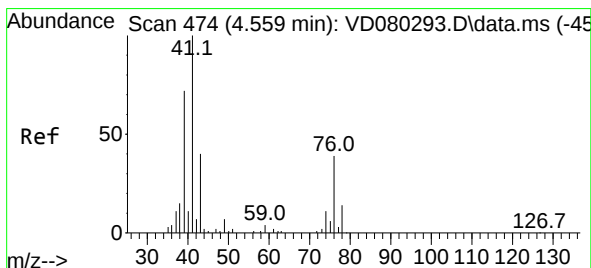
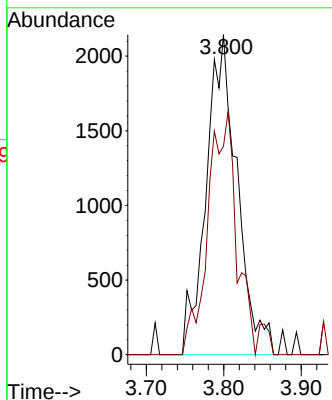
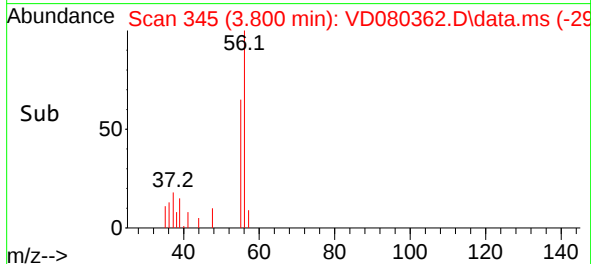
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



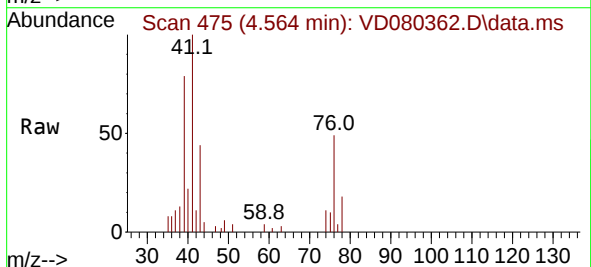
Tgt Ion: 56 Resp: 598
Ion Ratio Lower Upper
56 100
55 69.4 58.2 87.2

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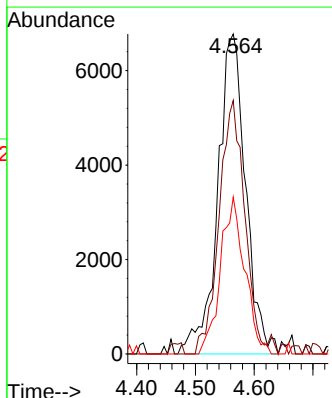
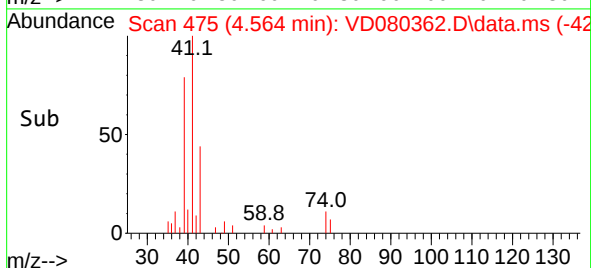
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

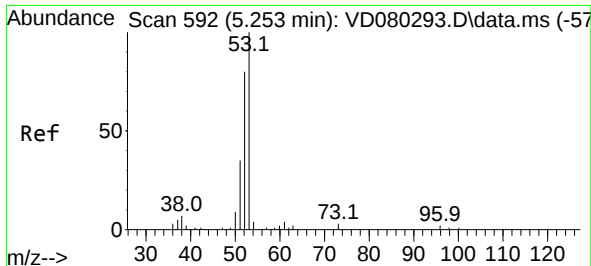


#14
Allyl chloride
Concen: 17.003 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03



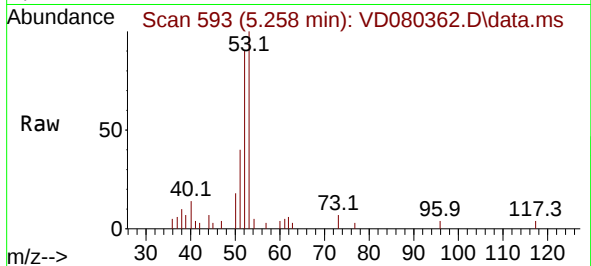
Tgt Ion: 41 Resp: 22403
Ion Ratio Lower Upper
41 100
39 72.1 53.3 79.9
76 42.6 32.0 48.0





#15
Acrylonitrile
Concen: 84.854 ug/l
RT: 5.258 min Scan# 592
Delta R.T. 0.006 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

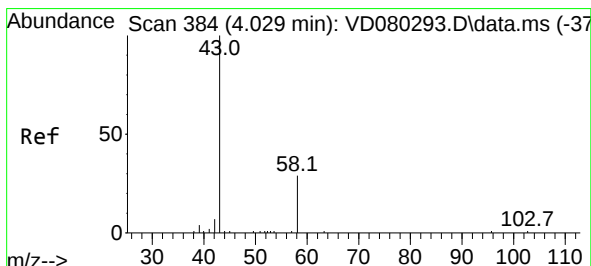
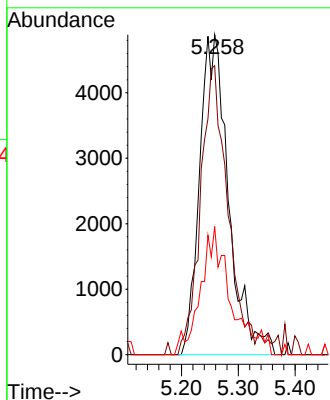
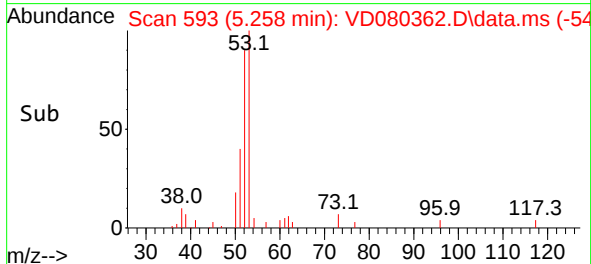
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



Tgt Ion: 53 Resp: 17368
Ion Ratio Lower Upper
53 100
52 86.1 66.2 99.4
51 33.1 30.3 45.5

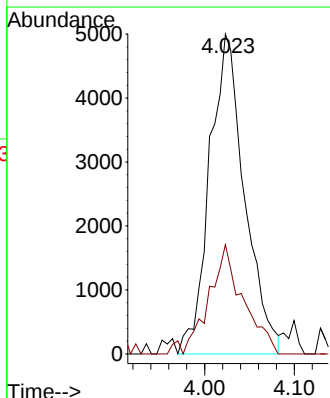
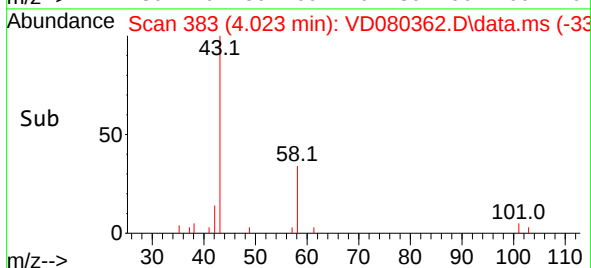
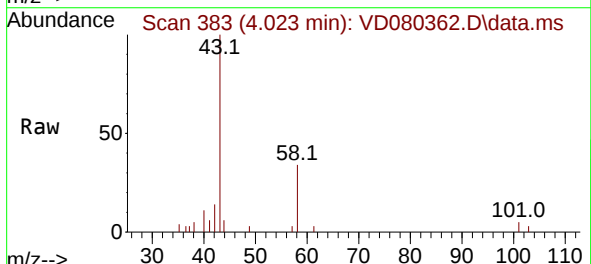
Manual Integrations
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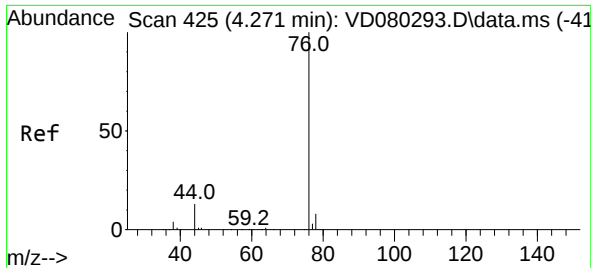
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#16
Acetone
Concen: 88.158 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 43 Resp: 13575
Ion Ratio Lower Upper
43 100
58 34.1 25.4 38.2





#17

Carbon Disulfide

Concen: 18.783 ug/l

RT: 4.276 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

Tgt Ion: 76 Resp: 5464

Ion Ratio Lower Upper

76 100

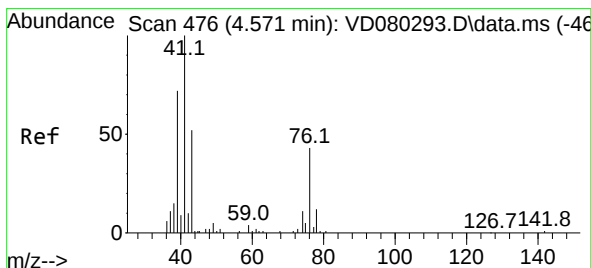
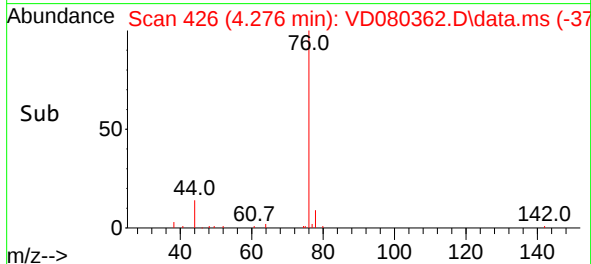
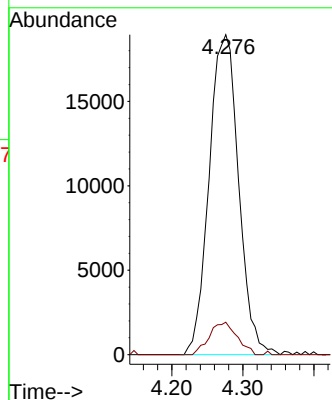
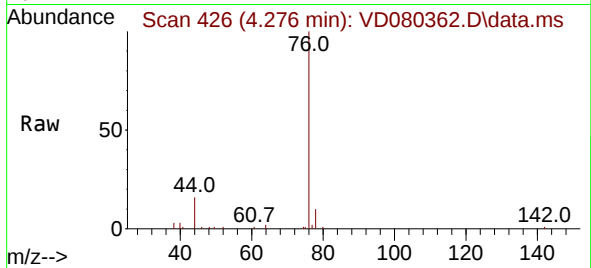
78 10.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#18

Methyl Acetate

Concen: 17.217 ug/l

RT: 4.564 min Scan# 475

Delta R.T. 0.000 min

Lab File: VD080362.D

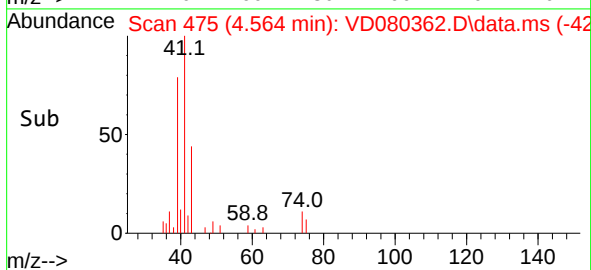
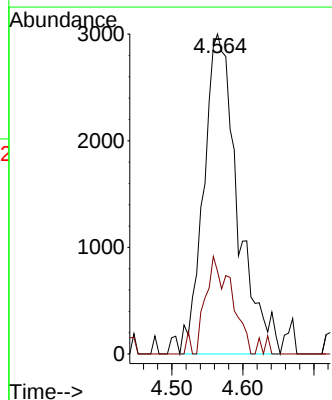
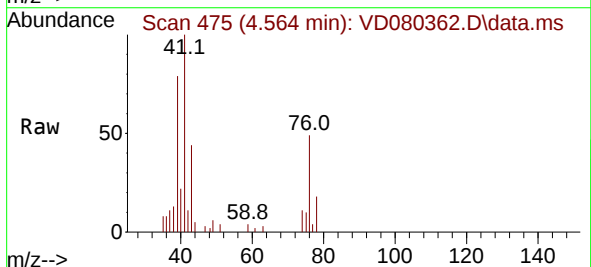
Acq: 16 May 2025 11:03

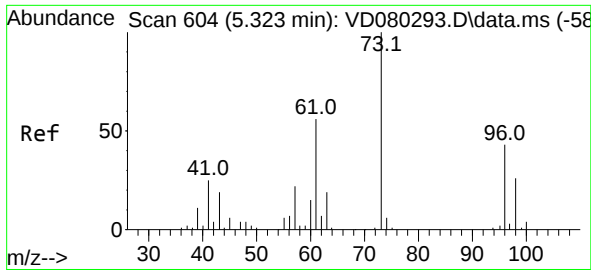
Tgt Ion: 43 Resp: 9968

Ion Ratio Lower Upper

43 100

74 23.1 20.5 30.7





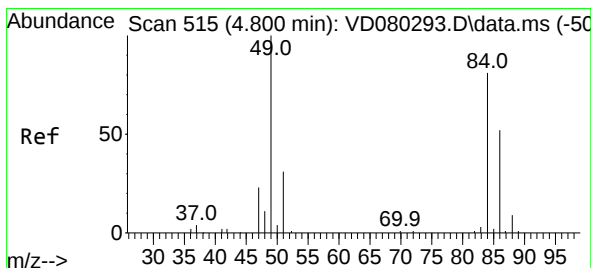
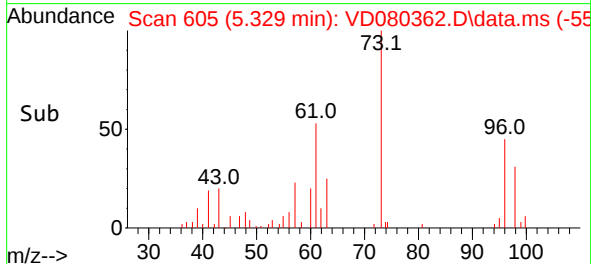
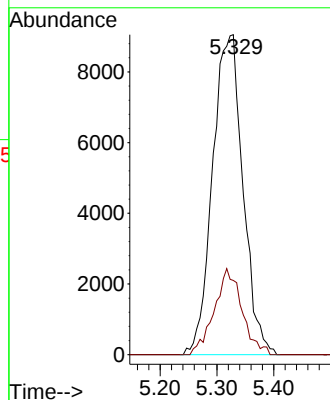
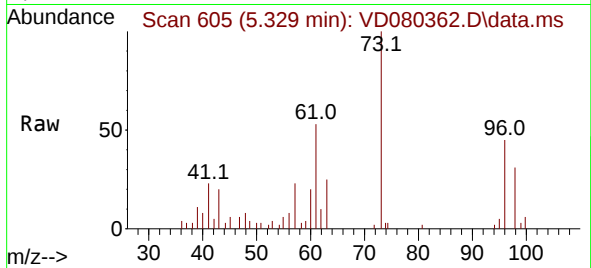
#19
Methyl tert-butyl Ether
Concen: 18.251 ug/l
RT: 5.329 min Scan# 604
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion: 73 Resp: 3359
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2

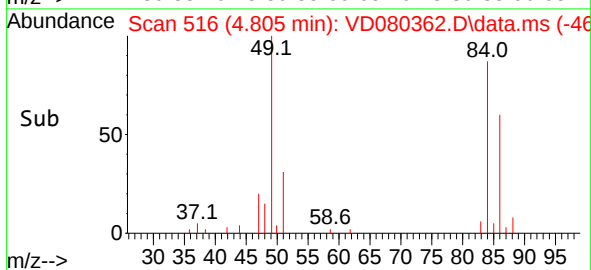
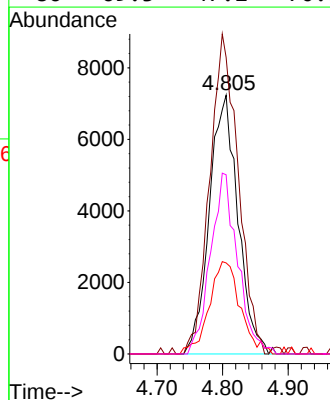
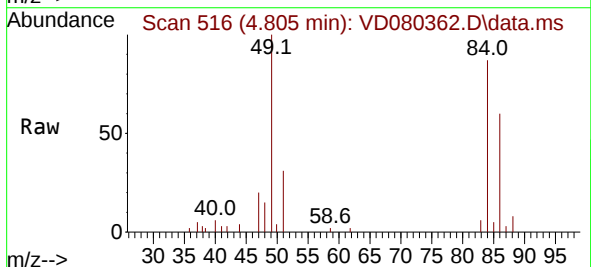
Manual Integrations
APPROVED

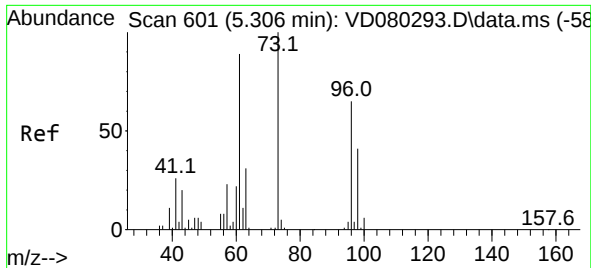
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#20
Methylene Chloride
Concen: 20.729 ug/l
RT: 4.805 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

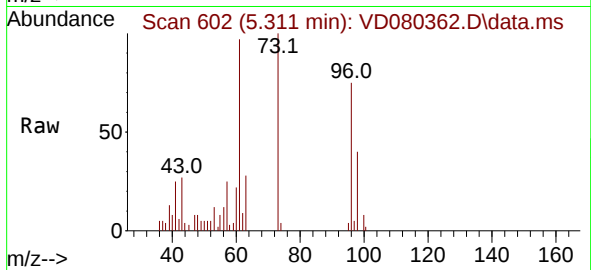
Tgt Ion: 84 Resp: 21948
Ion Ratio Lower Upper
84 100
49 114.7 86.5 129.7
51 35.2 26.9 40.3
86 69.3 47.2 70.8





#21
trans-1,2-Dichloroethene
Concen: 19.916 ug/l
RT: 5.311 min Scan# 601
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

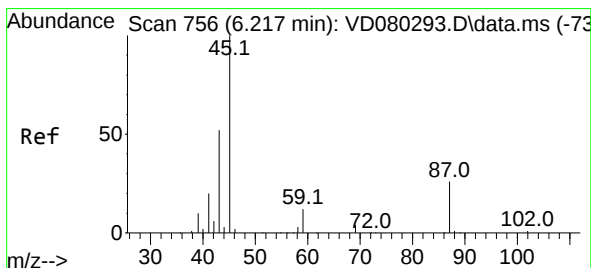
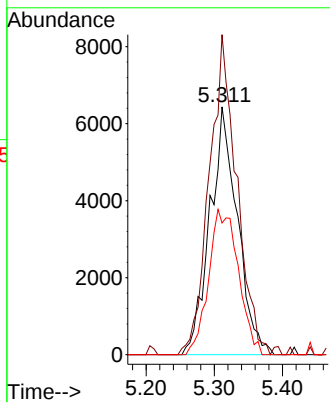
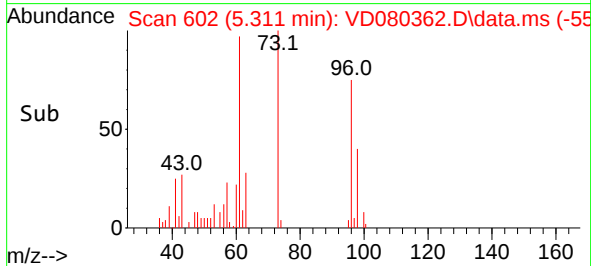
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



Tgt Ion: 96 Resp: 18120
Ion Ratio Lower Upper
96 100
61 129.1 109.4 164.0
98 53.1 49.8 74.8

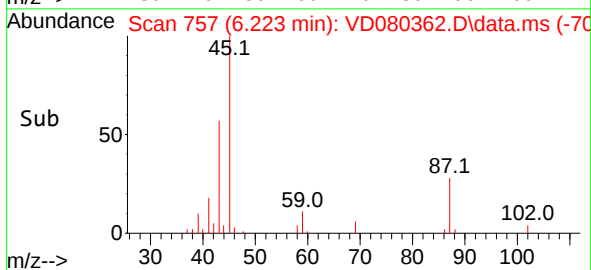
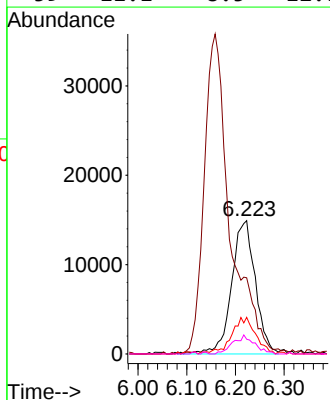
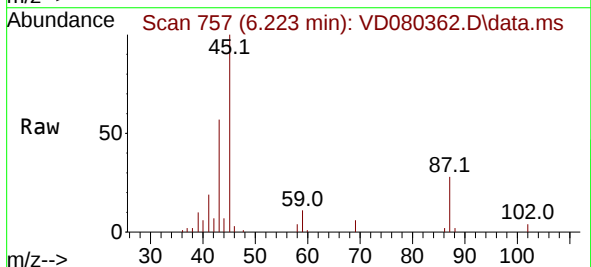
Manual Integrations
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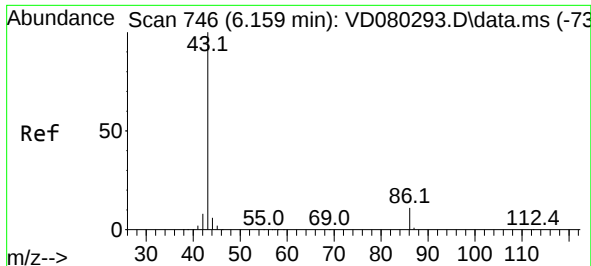
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#22
Diisopropyl ether
Concen: 18.628 ug/l
RT: 6.223 min Scan# 757
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

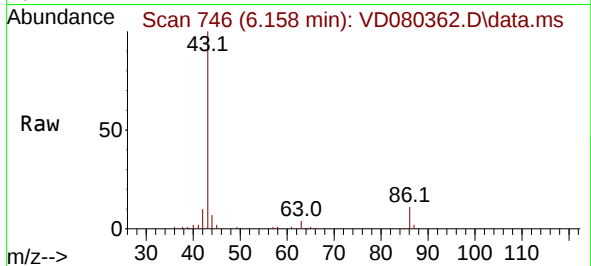
Tgt Ion: 45 Resp: 50558
Ion Ratio Lower Upper
45 100
43 55.6 42.6 63.8
87 26.3 22.7 34.1
59 11.1 8.5 12.7





#23
 Vinyl Acetate
 Concen: 83.750 ug/l
 RT: 6.158 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

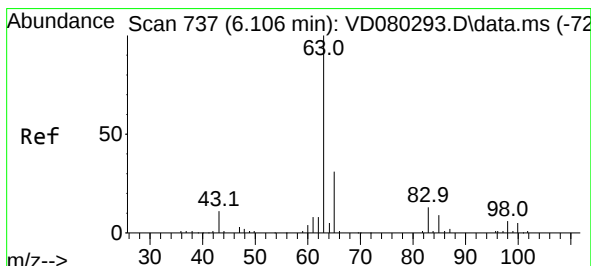
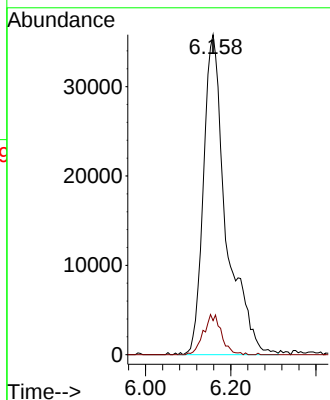
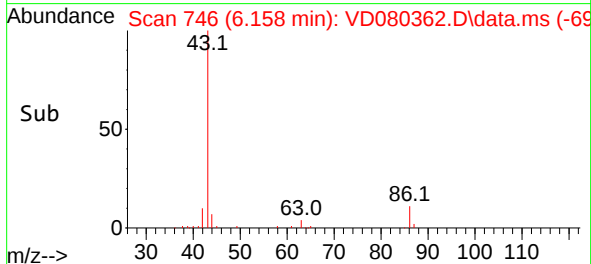
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01



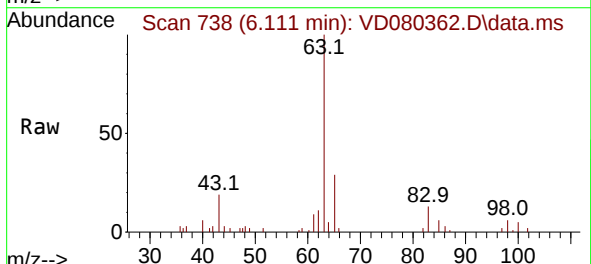
Tgt Ion: 43 Resp: 132390
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.4 14.0

Manual Integrations
 APPROVED

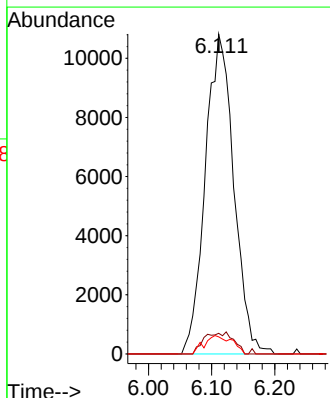
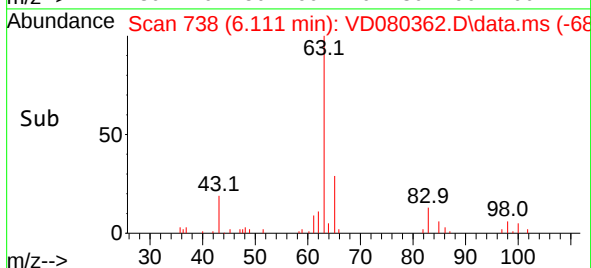
Reviewed By :Mahesh Dadoda 05/19/2025
 Supervised By :Semsettin Yesilyurt 05/19/2025

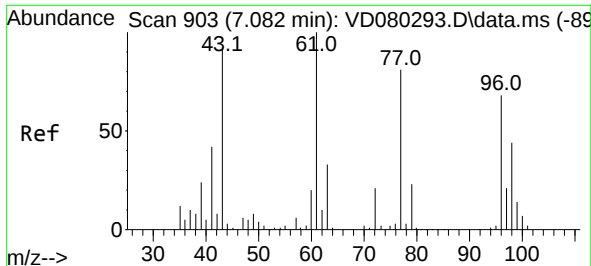


#24
 1,1-Dichloroethane
 Concen: 19.878 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03



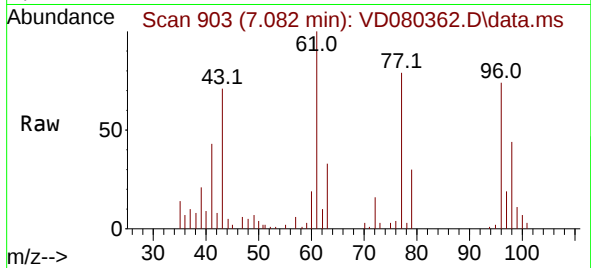
Tgt Ion: 63 Resp: 33950
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 5.4 2.1 6.5





#25
2-Butanone
Concen: 102.774 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.005 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

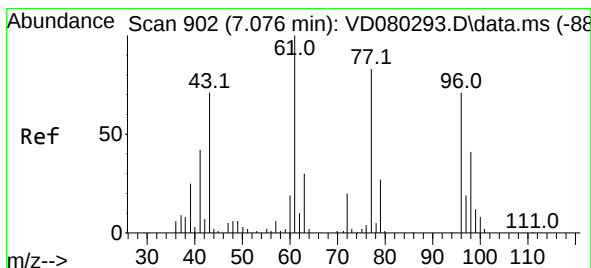
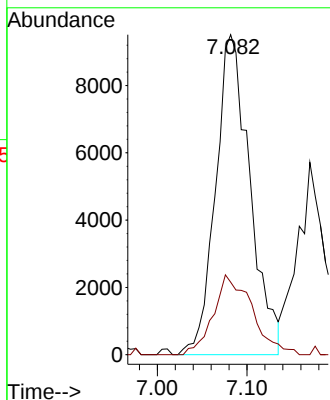
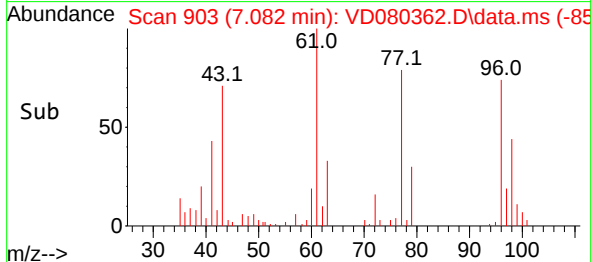
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



Tgt Ion: 43 Resp: 2530
Ion Ratio Lower Upper
43 100
72 22.7 22.3 33.5

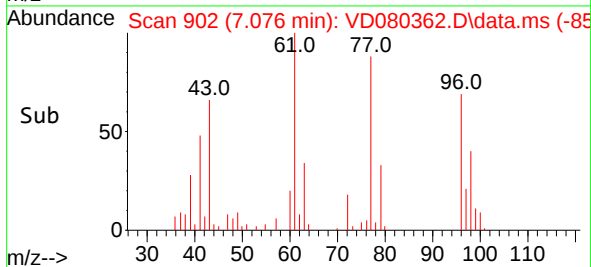
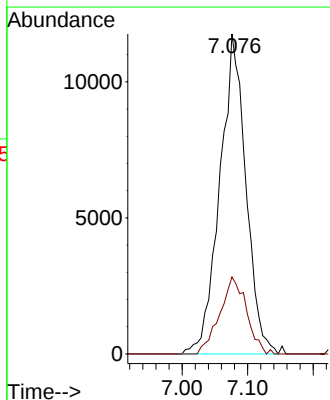
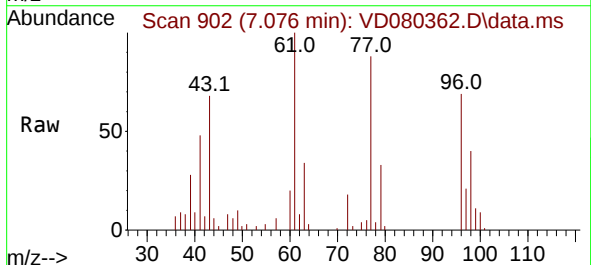
Manual Integrations
APPROVED

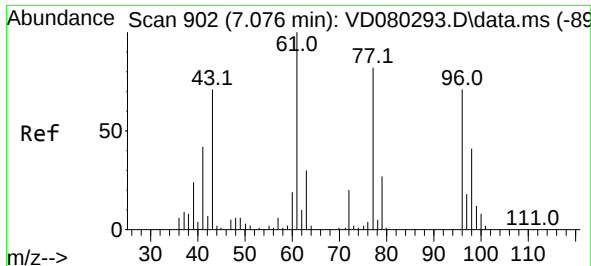
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#26
2,2-Dichloropropane
Concen: 23.955 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

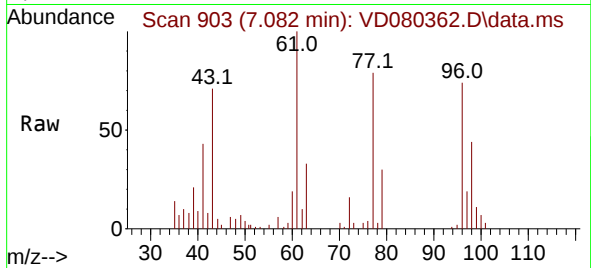
Tgt Ion: 77 Resp: 32555
Ion Ratio Lower Upper
77 100
97 24.7 11.9 35.9





#27
 cis-1,2-Dichloroethene
 Concen: 24.508 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.001 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

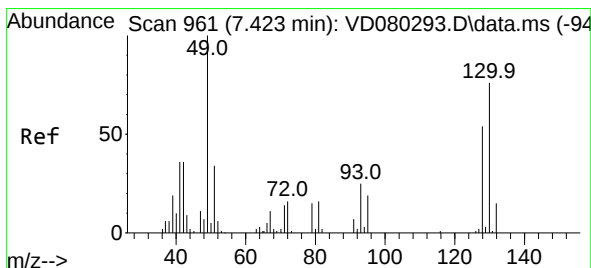
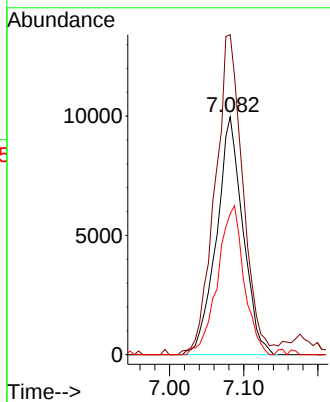
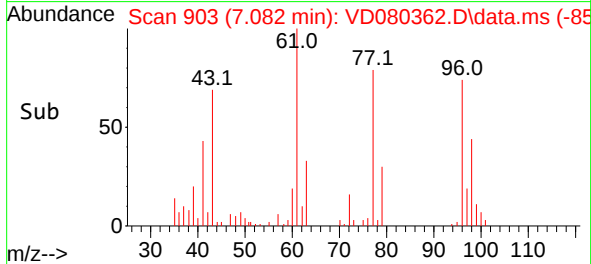
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01



Tgt Ion: 96 Resp: 24711
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 278.2
 98 62.7 0.0 127.8

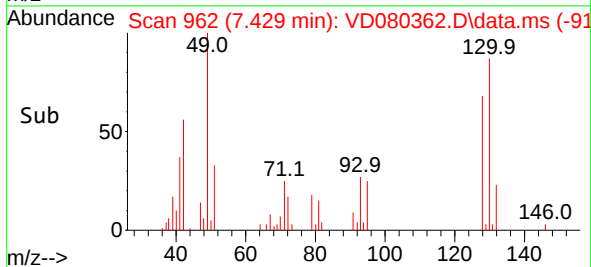
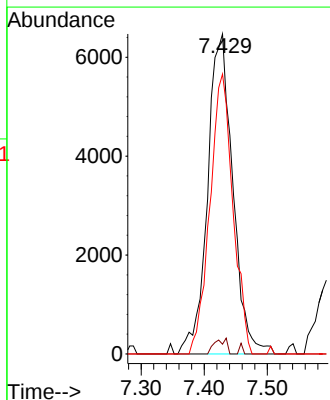
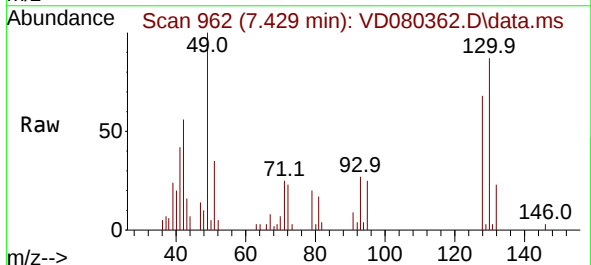
Manual Integrations
 APPROVED

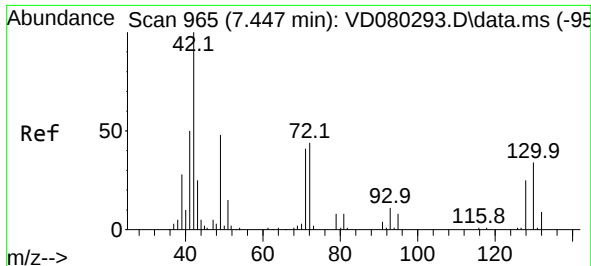
Reviewed By :Mahesh Dadoda 05/19/2025
 Supervised By :Semsettin Yesilyurt 05/19/2025



#28
 Bromochloromethane
 Concen: 22.605 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.001 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

Tgt Ion: 49 Resp: 17976
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.2#
 130 79.6 64.6 97.0





#29

Tetrahydrofuran

Concen: 104.913 ug/l

RT: 7.441 min Scan# 90

Delta R.T. -0.005 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

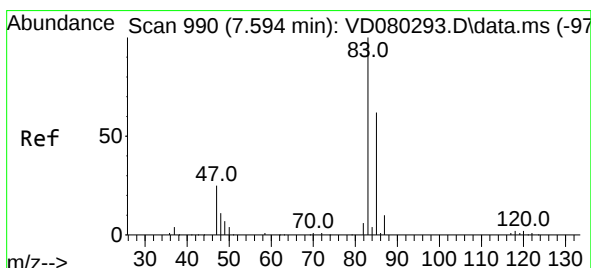
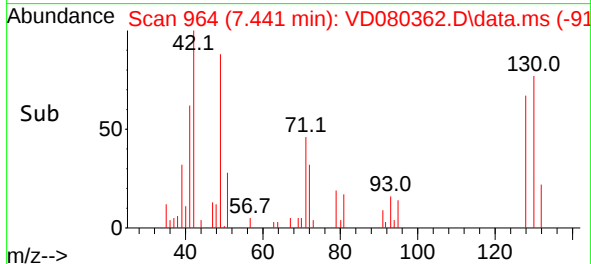
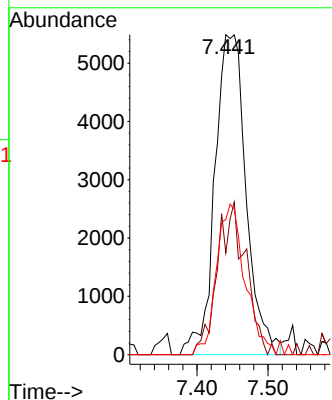
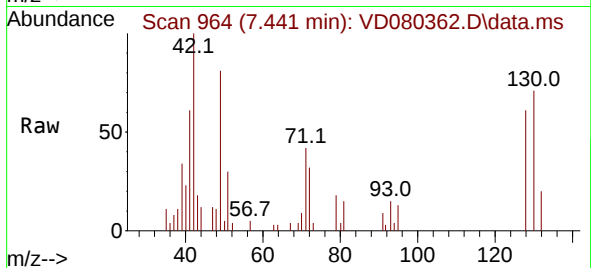
VD0516SBS01

Tgt Ion:	42	Resp:	16840
Ion	Ratio	Lower	Upper
42	100		
72	43.3	36.7	55.1
71	42.8	34.4	51.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#30

Chloroform

Concen: 25.375 ug/l

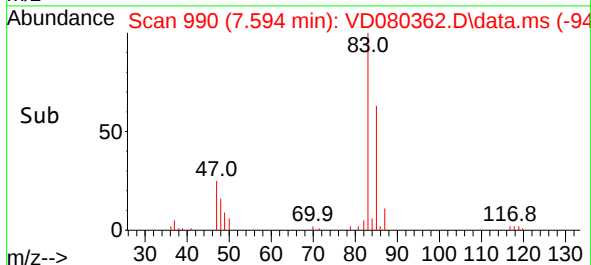
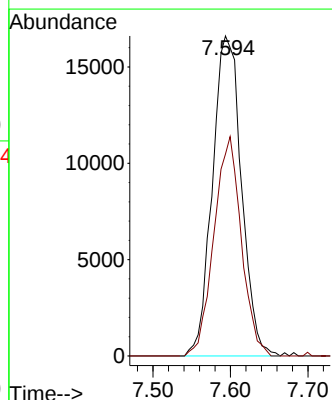
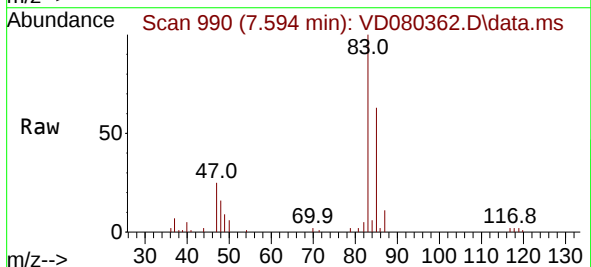
RT: 7.594 min Scan# 990

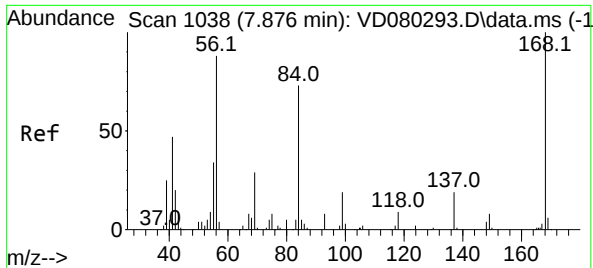
Delta R.T. -0.005 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

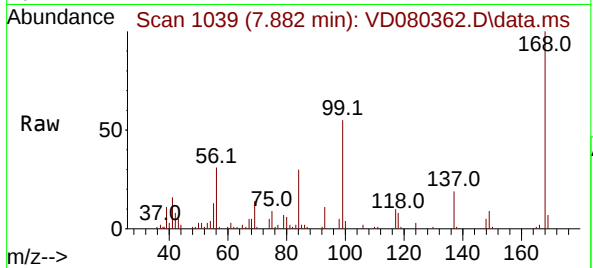
Tgt Ion:	83	Resp:	43219
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.8	76.2





#31
Cyclohexane
Concen: 16.213 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

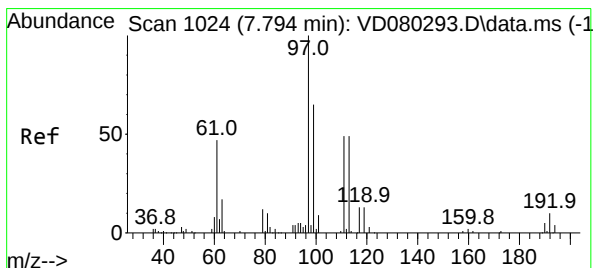
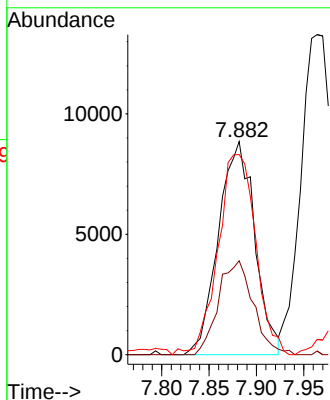
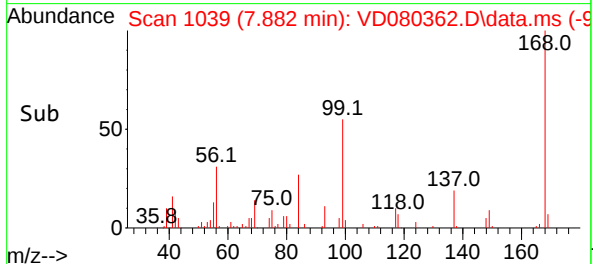
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



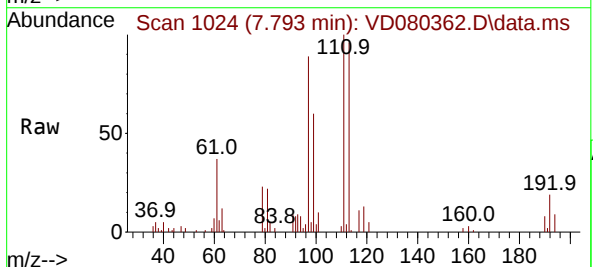
Tgt Ion: 56 Resp: 2356
Ion Ratio Lower Upper
56 100
69 44.0 27.3 40.9
84 91.2 70.2 105.4

Manual Integrations
APPROVED

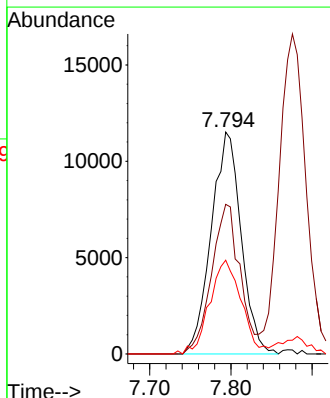
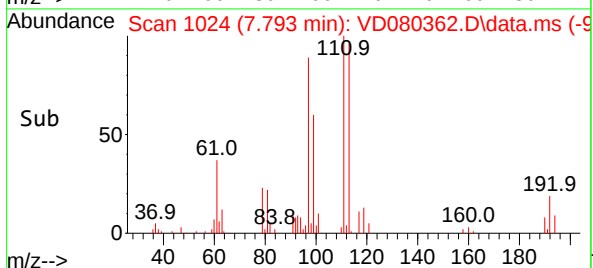
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

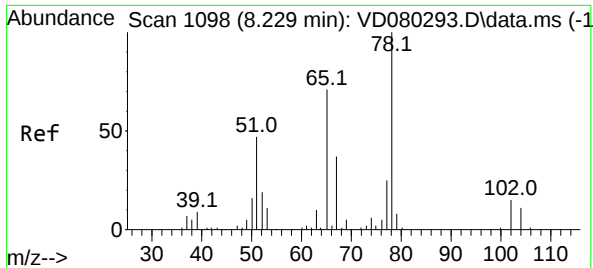


#32
1,1,1-Trichloroethane
Concen: 21.213 ug/l
RT: 7.793 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03



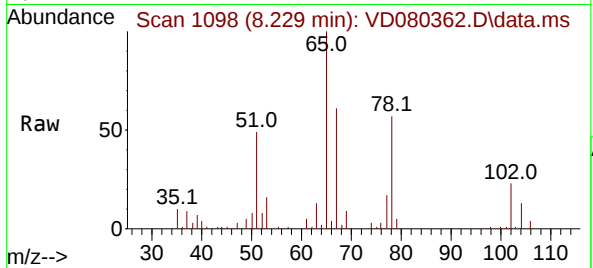
Tgt Ion: 97 Resp: 29476
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 44.8 34.2 51.2





#33
 1,2-Dichloroethane-d4
 Concen: 48.371 ug/l
 RT: 8.229 min Scan# 1098
 Delta R.T. 0.001 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

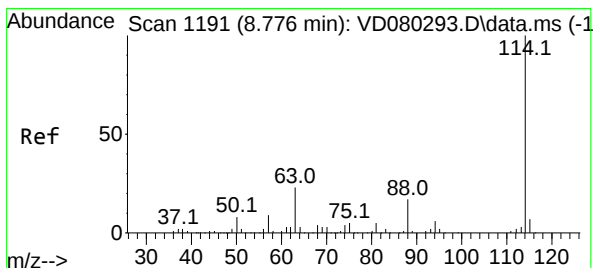
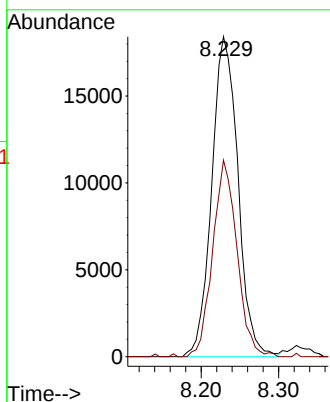
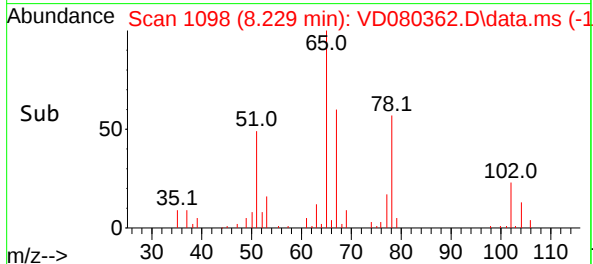
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01



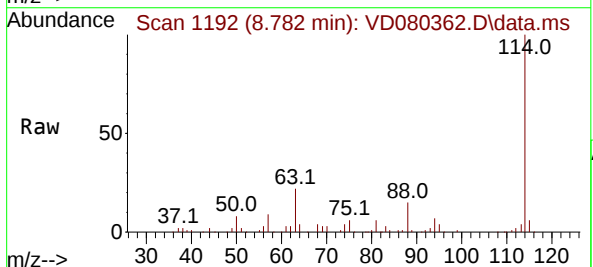
Tgt Ion: 65 Resp: 43279
 Ion Ratio Lower Upper
 65 100
 67 57.0 0.0 109.2

Manual Integrations
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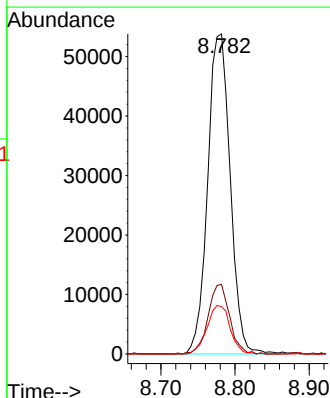
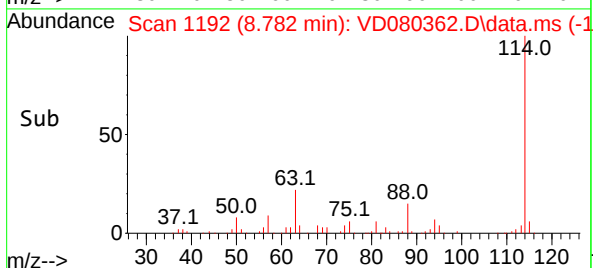
Reviewed By :Mahesh Dadoda 05/19/2025
 Supervised By :Semsettin Yesilyurt 05/19/2025

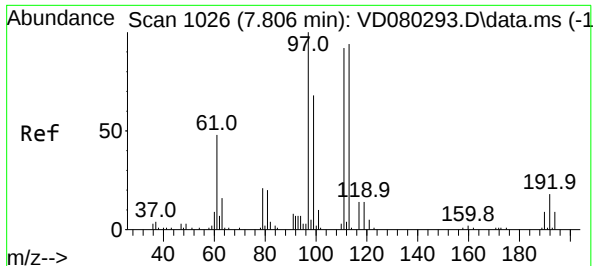


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.782 min Scan# 1192
 Delta R.T. 0.007 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03



Tgt Ion:114 Resp: 113744
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 38.8
 88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.363 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

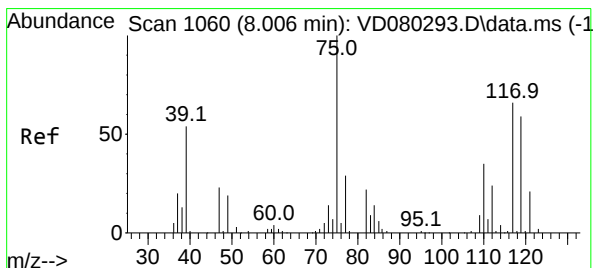
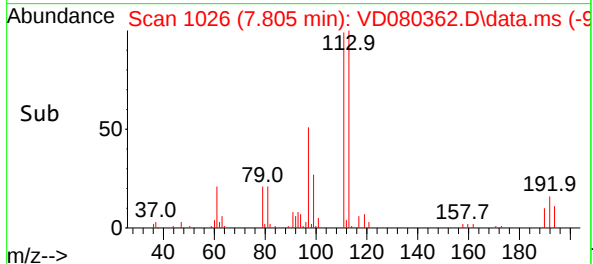
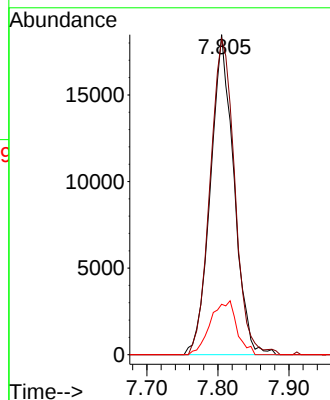
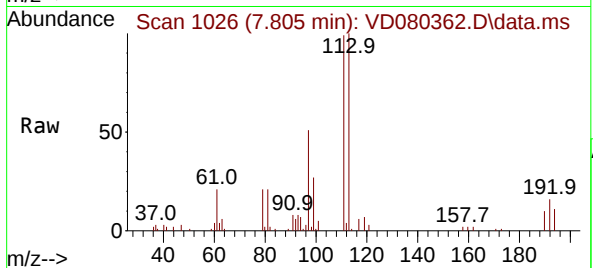
VD0516SBS01

Tgt Ion:	113	Resp:	42200
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.5	123.7
192	18.9	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#36

1,1-Dichloropropene

Concen: 19.938 ug/l

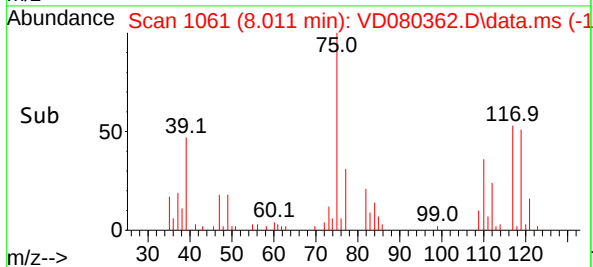
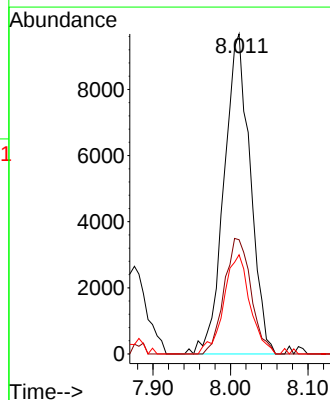
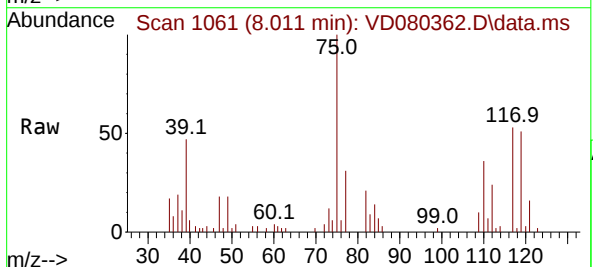
RT: 8.011 min Scan# 1061

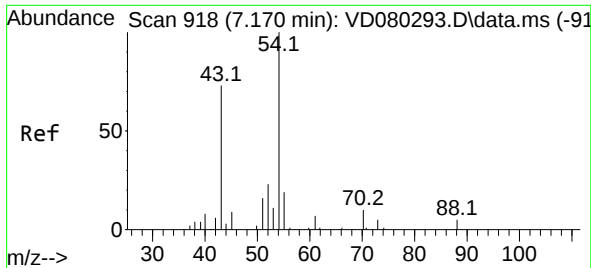
Delta R.T. 0.006 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Tgt Ion:	75	Resp:	22717
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.4	55.0
77	31.2	25.6	38.4





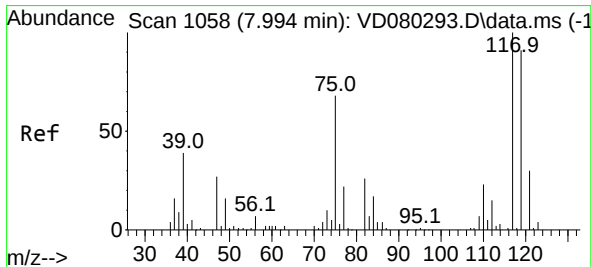
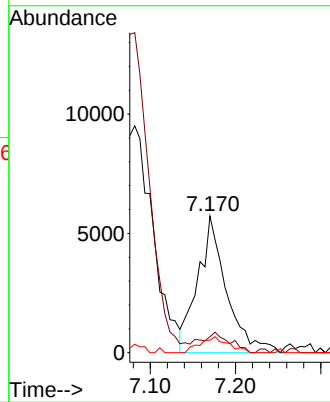
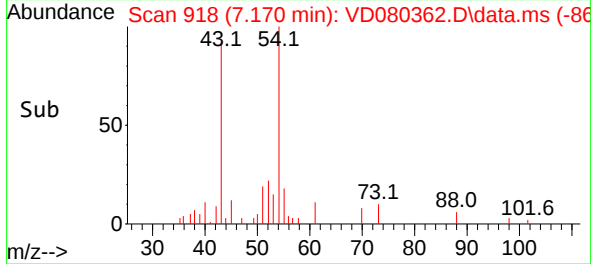
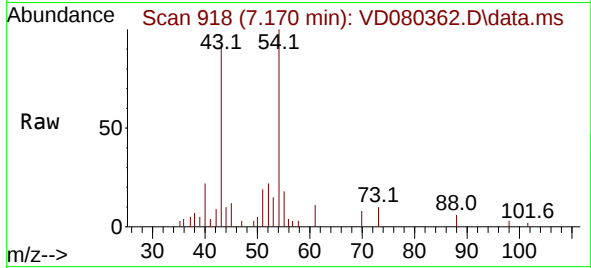
#37
Ethyl Acetate
Concen: 22.496 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
61 14.8 11.0 16.4
70 11.4 9.4 14.2

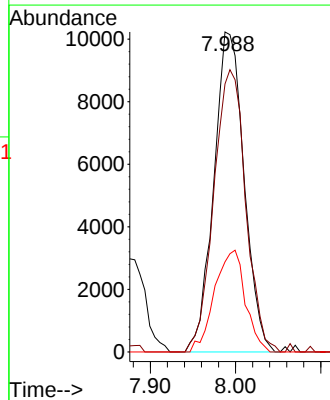
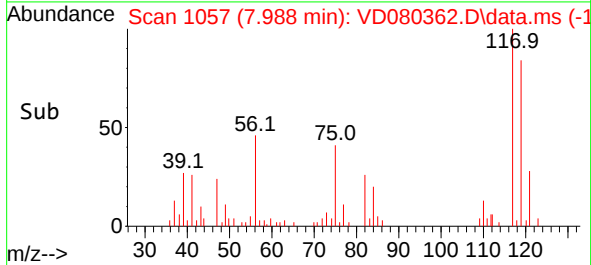
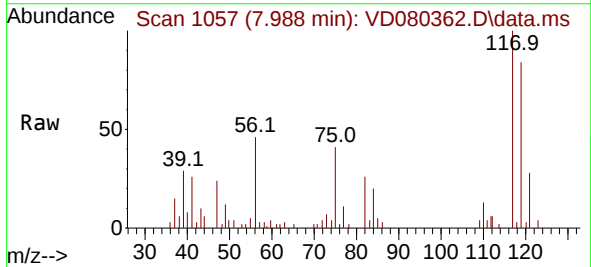
Manual Integrations
APPROVED

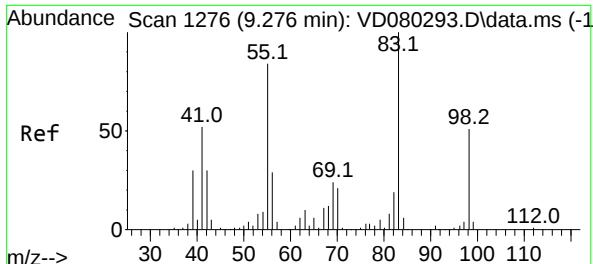
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#38
Carbon Tetrachloride
Concen: 21.317 ug/l
RT: 7.988 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion:117 Resp: 25329
Ion Ratio Lower Upper
117 100
119 83.8 73.4 110.0
121 28.2 24.5 36.7





#39

Methylcyclohexane

Concen: 17.580 ug/l

RT: 9.270 min Scan# 1102

Delta R.T. -0.005 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

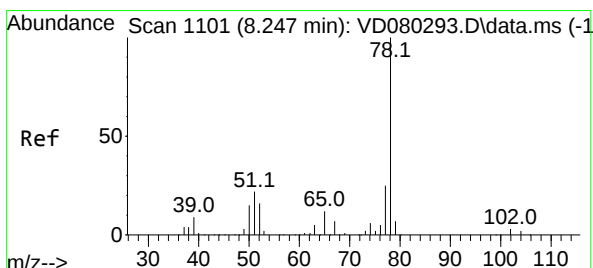
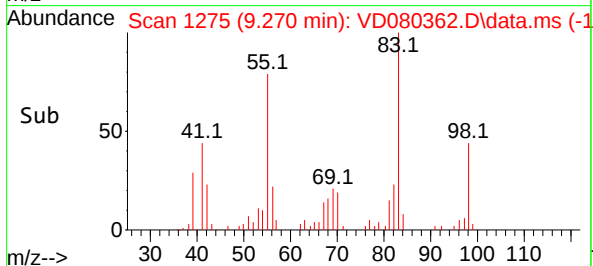
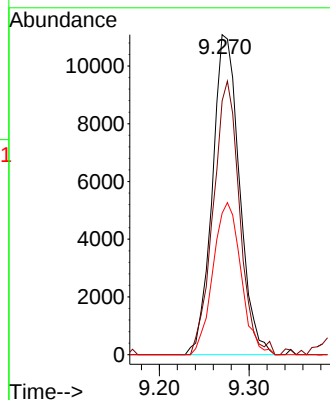
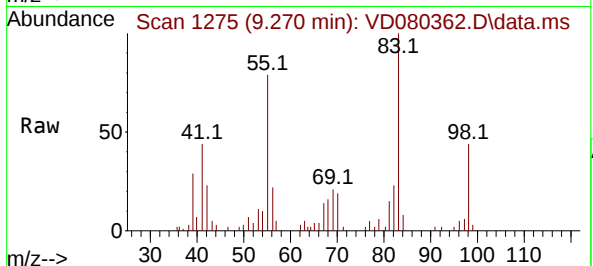
VD0516SBS01

Tgt Ion: 83	Resp: 2324
Ion Ratio	Lower Upper
83	100
55	79.3 62.0 93.0
98	44.2 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#40

Benzene

Concen: 20.259 ug/l

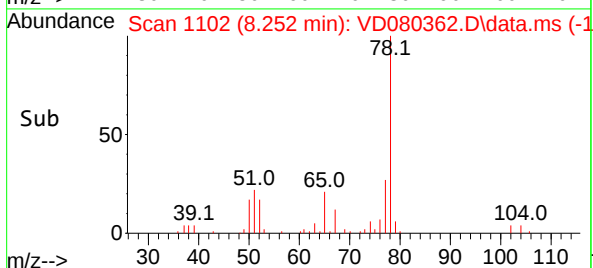
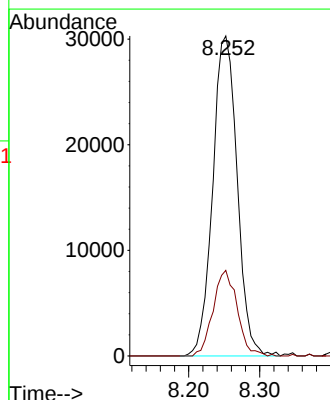
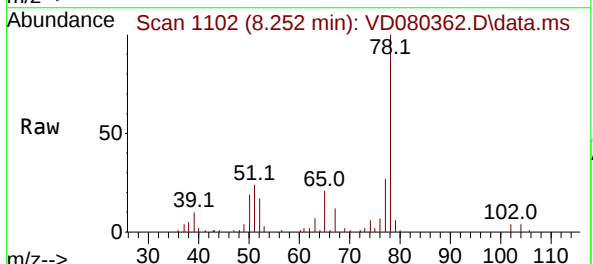
RT: 8.252 min Scan# 1102

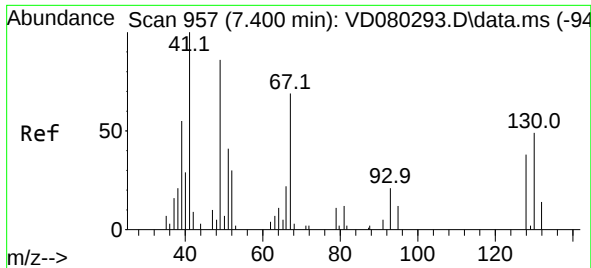
Delta R.T. 0.000 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

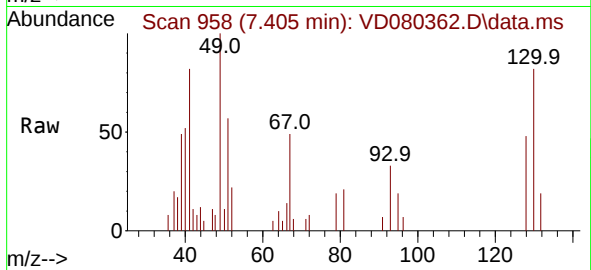
Tgt Ion: 78	Resp: 72324
Ion Ratio	Lower Upper
78	100
77	26.8 20.2 30.4





#41
Methacrylonitrile
Concen: 19.800 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

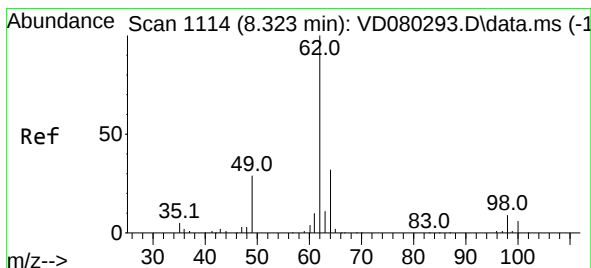
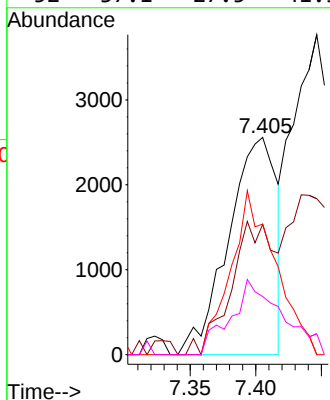
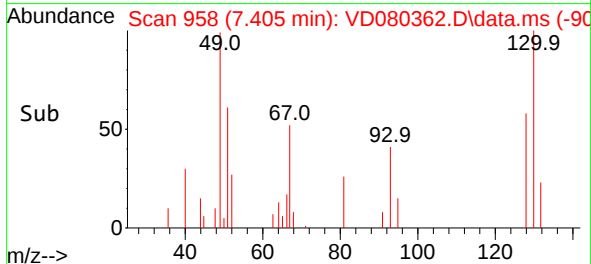
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



Tgt Ion: 41 Resp: 652
Ion Ratio Lower Upper
41 100
39 55.5 47.8 71.8
67 70.0 64.9 97.3
52 37.1 27.5 41.3

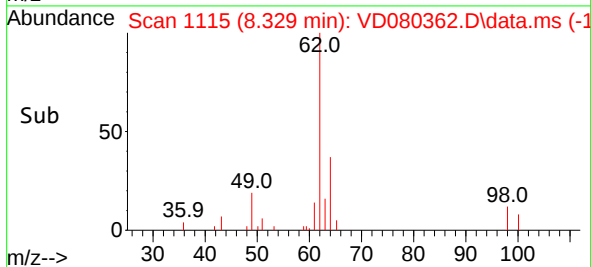
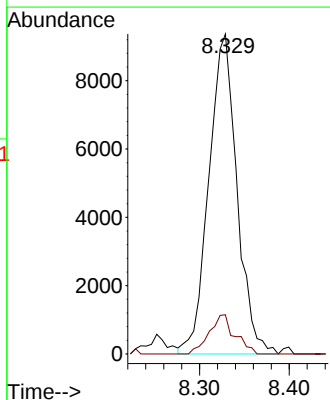
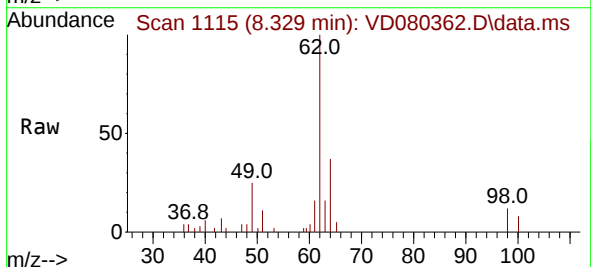
Manual Integrations
APPROVED

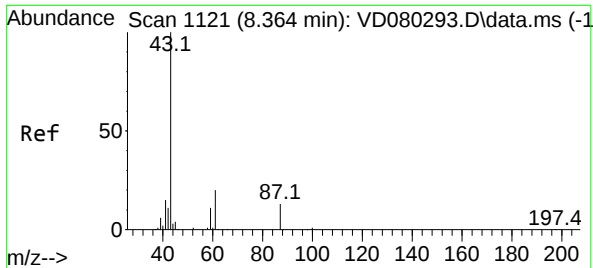
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#42
1,2-Dichloroethane
Concen: 19.724 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

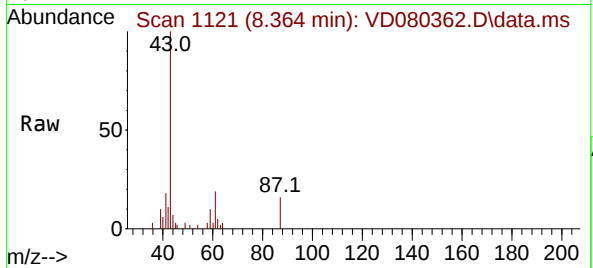
Tgt Ion: 62 Resp: 20404
Ion Ratio Lower Upper
62 100
98 11.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 16.967 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

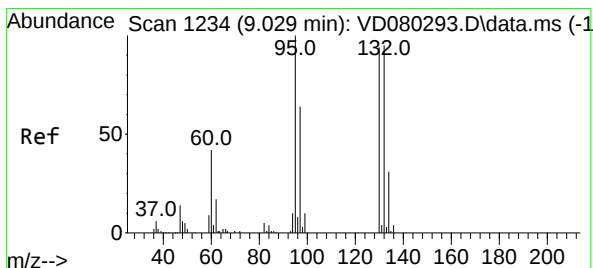
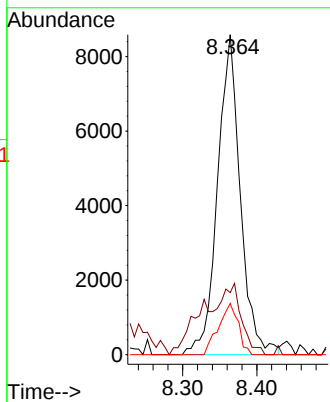
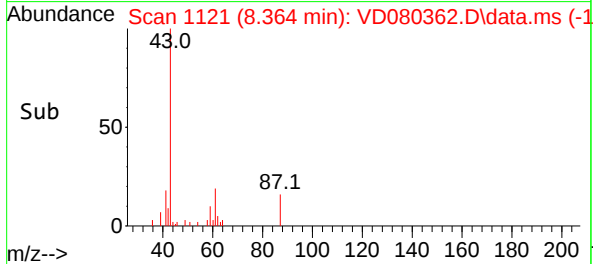
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



Tgt Ion: 43 Resp: 1833
Ion Ratio Lower Upper
43 100
61 21.3 26.2 39.2
87 13.9 11.8 17.8

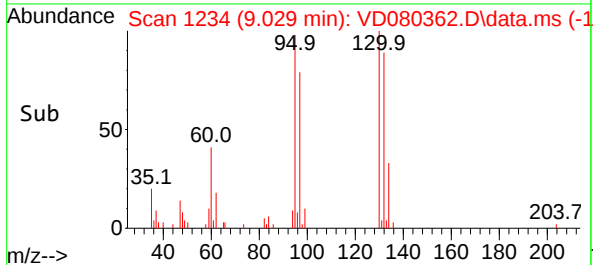
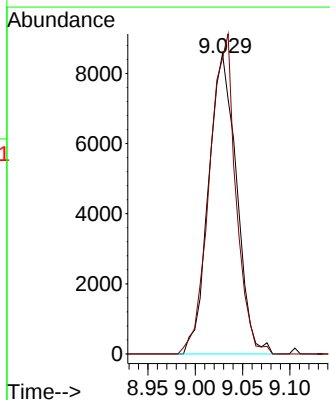
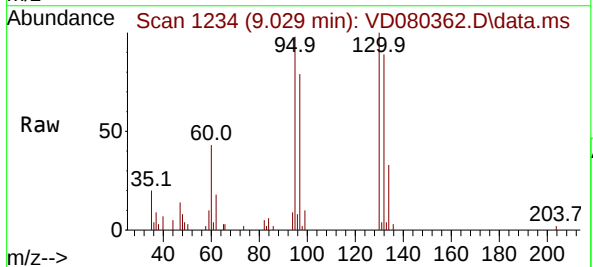
Manual Integrations
APPROVED

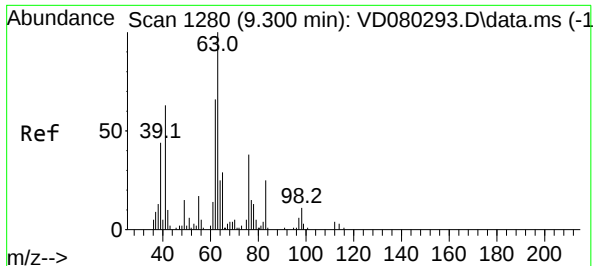
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#44
Trichloroethene
Concen: 21.222 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion:130 Resp: 17587
Ion Ratio Lower Upper
130 100
95 98.4 0.0 194.6





#45

1,2-Dichloropropane

Concen: 20.510 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

Tgt Ion: 63 Resp: 18779

Ion Ratio Lower Upper

63 100

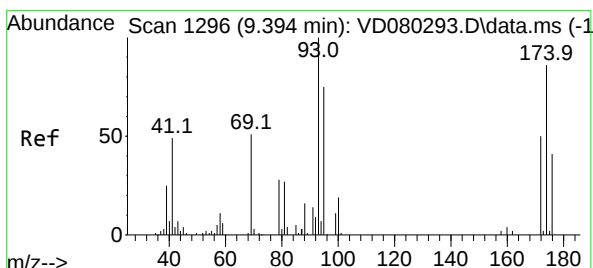
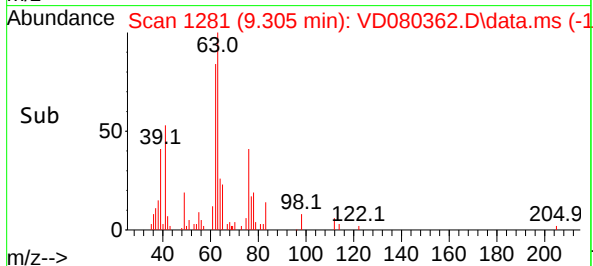
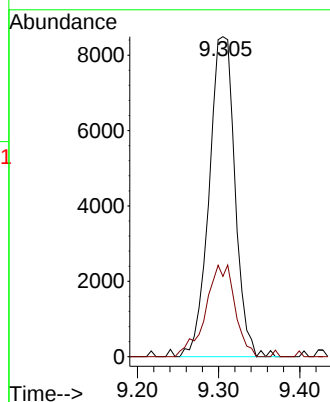
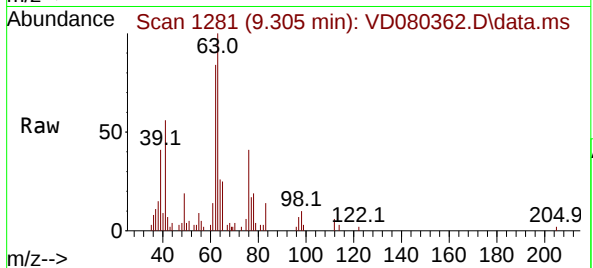
65 25.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#46

Dibromomethane

Concen: 21.380 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. -0.005 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

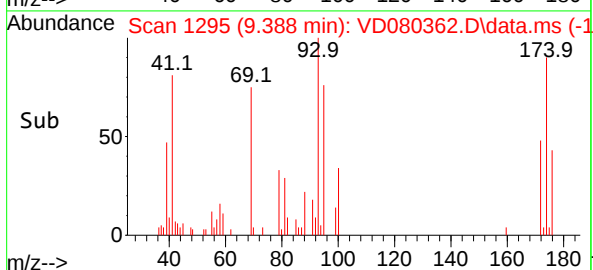
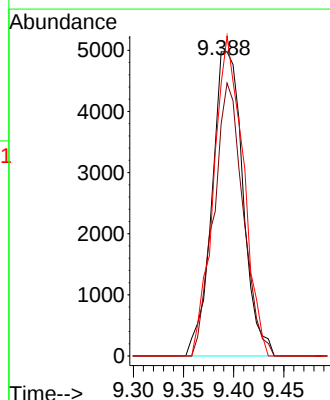
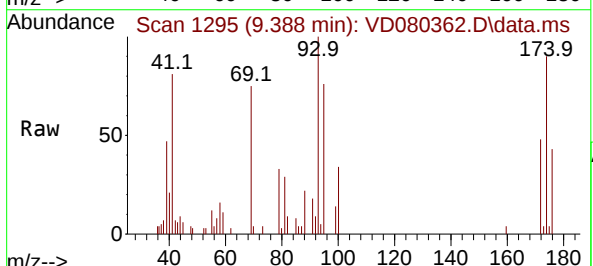
Tgt Ion: 93 Resp: 10658

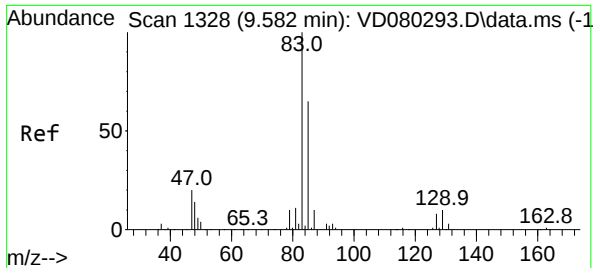
Ion Ratio Lower Upper

93 100

95 85.3 67.9 101.9

174 100.8 80.5 120.7





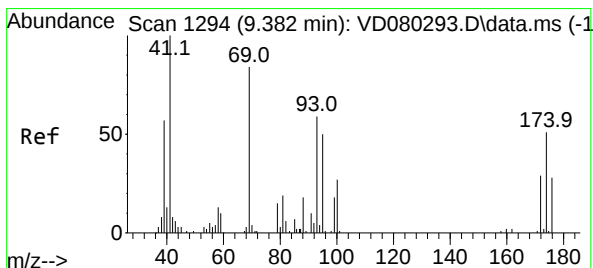
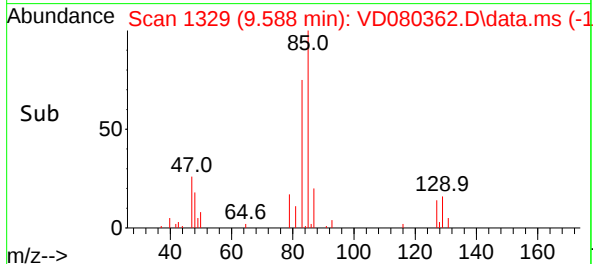
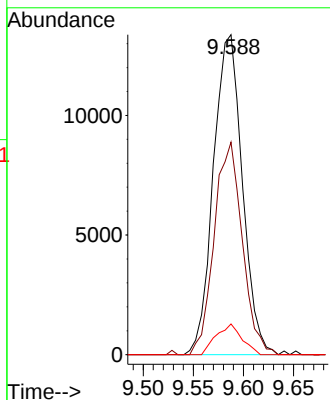
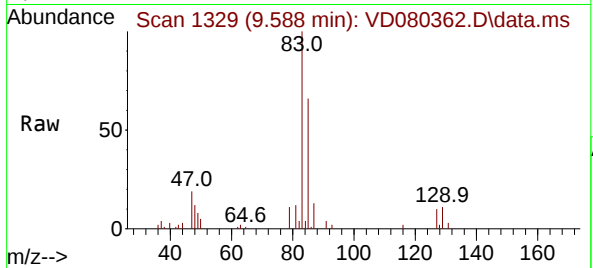
#47
Bromodichloromethane
Concen: 21.238 ug/l
RT: 9.588 min Scan# 1328
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion: 83 Resp: 2687
Ion Ratio Lower Upper
83 100
85 66.4 50.6 75.8
127 9.6 6.1 9.1

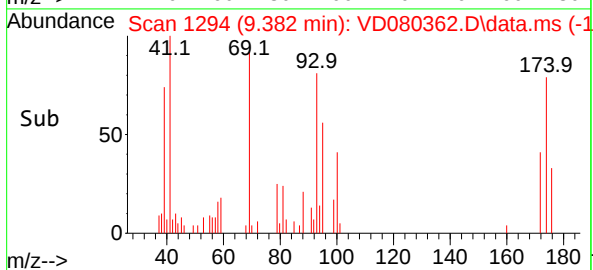
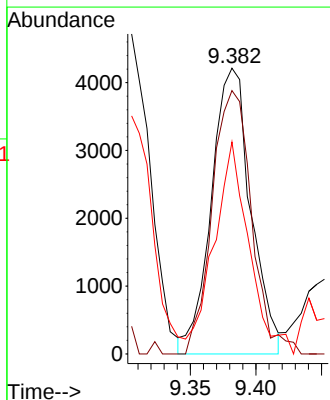
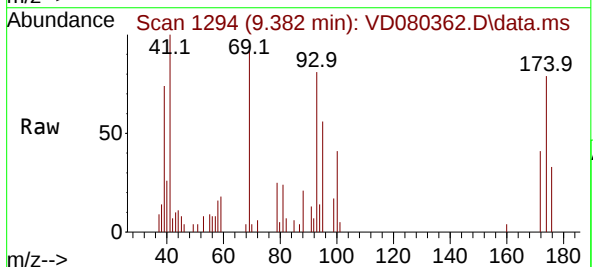
Manual Integrations
APPROVED

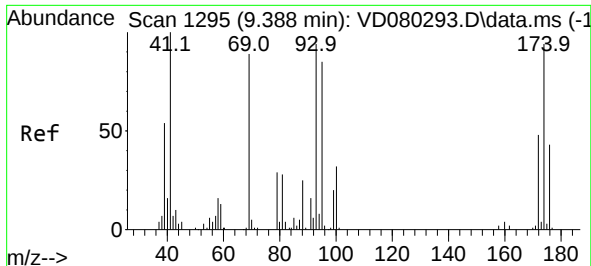
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#48
Methyl methacrylate
Concen: 17.213 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 41 Resp: 8836
Ion Ratio Lower Upper
41 100
69 92.0 74.0 111.0
39 65.3 41.9 62.9





#49

1,4-Dioxane

Concen: 318.730 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

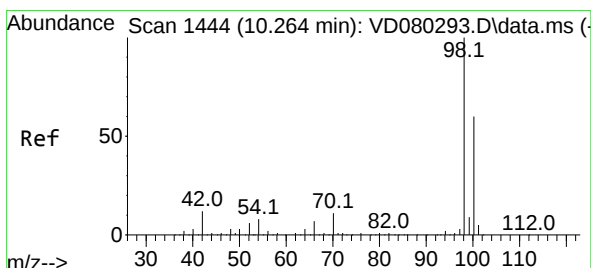
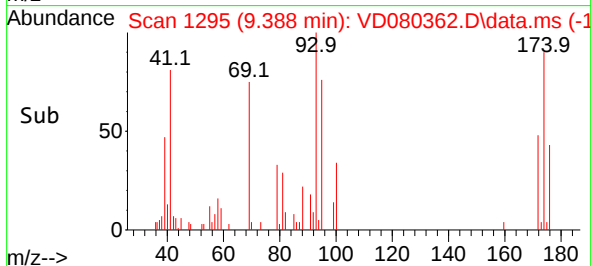
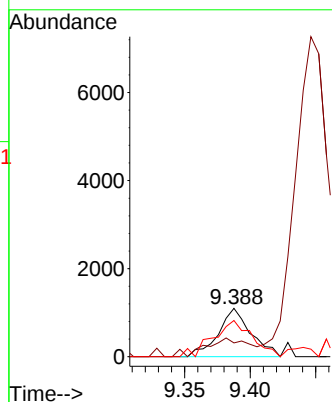
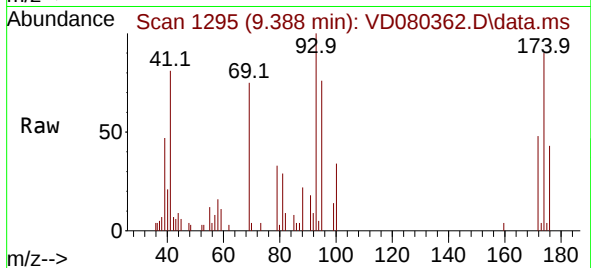
VD0516SBS01

Tgt Ion: 88 Resp: 1889
 Ion Ratio Lower Upper
 88 100
 43 51.3 29.1 43.7
 58 89.7 59.9 89.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
 Supervised By :Semsettin Yesilyurt 05/19/2025



#50

Toluene-d8

Concen: 53.175 ug/l

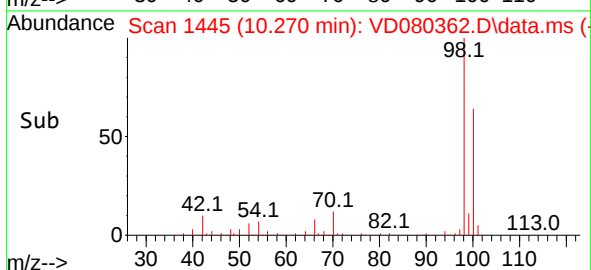
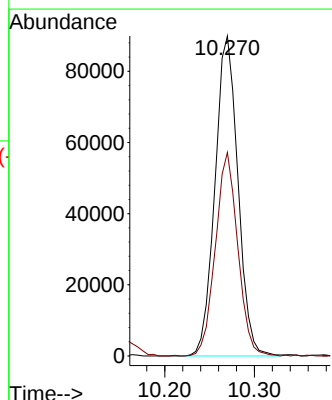
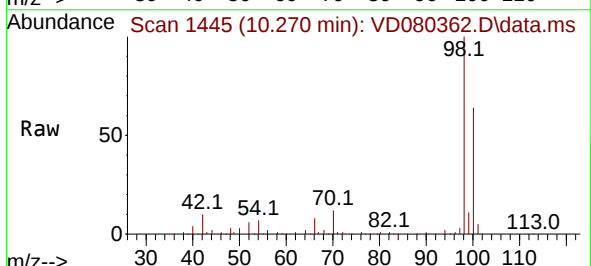
RT: 10.270 min Scan# 1445

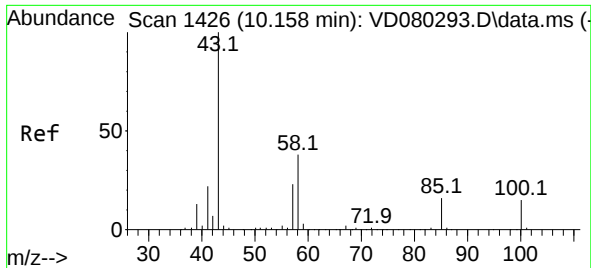
Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Tgt Ion: 98 Resp: 159724
 Ion Ratio Lower Upper
 98 100
 100 61.9 50.2 75.4





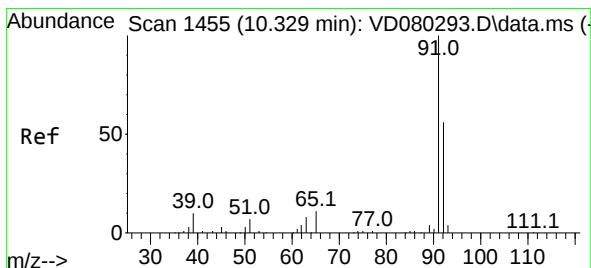
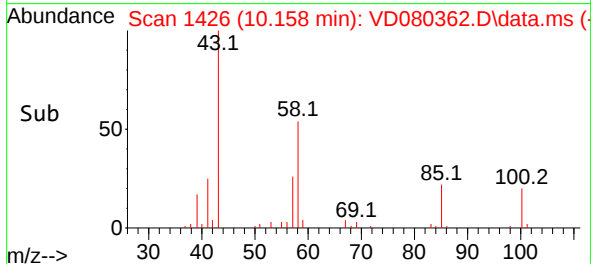
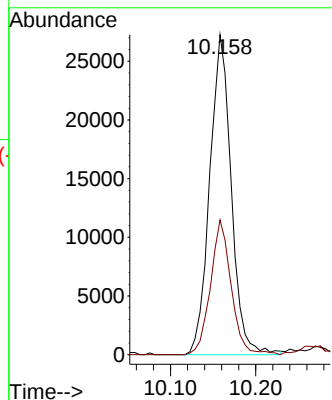
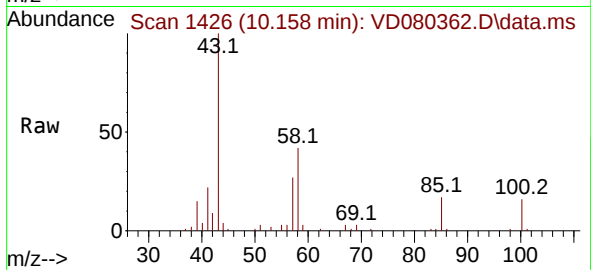
#51
4-Methyl-2-Pentanone
Concen: 86.050 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion: 43 Resp: 47900
Ion Ratio Lower Upper
43 100
58 40.4 32.8 49.2

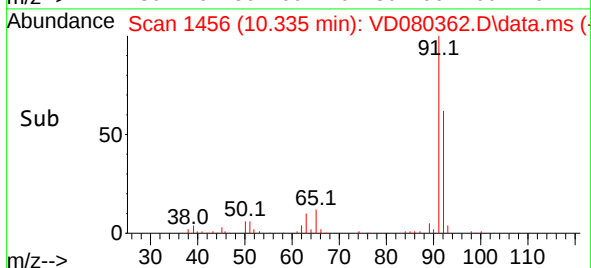
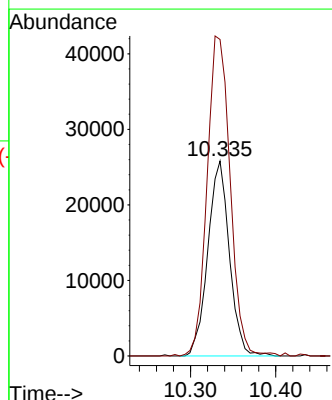
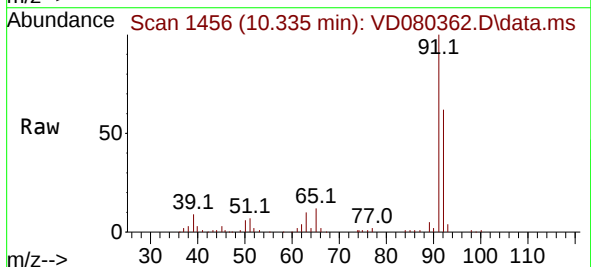
Manual Integrations
APPROVED

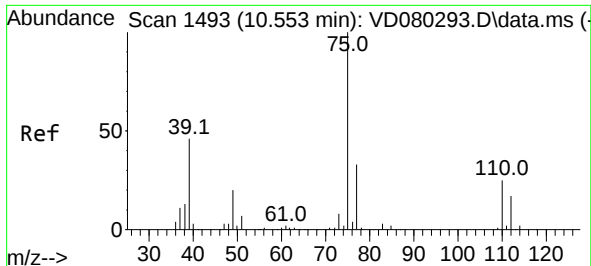
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#52
Toluene
Concen: 21.110 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 92 Resp: 45401
Ion Ratio Lower Upper
92 100
91 175.4 139.3 208.9





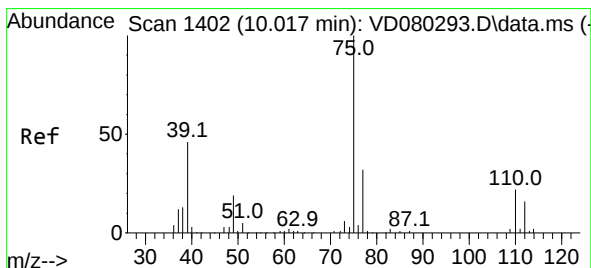
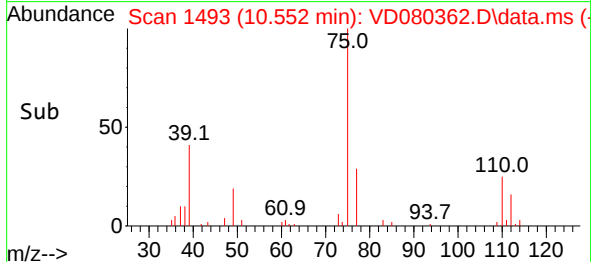
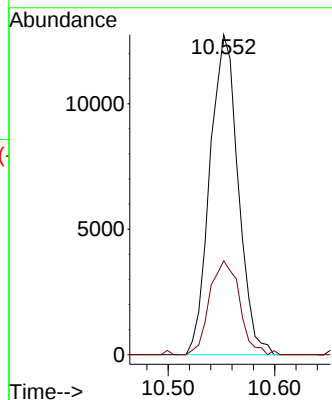
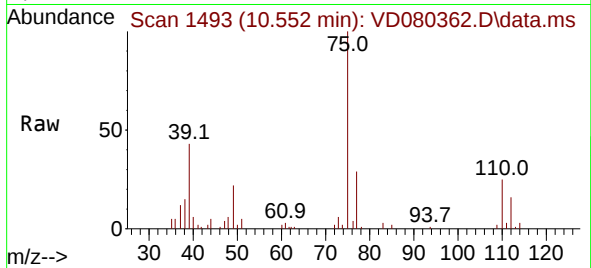
#53
t-1,3-Dichloropropene
Concen: 20.395 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion: 75 Resp: 2352
Ion Ratio Lower Upper
75 100
77 29.4 24.1 36.1

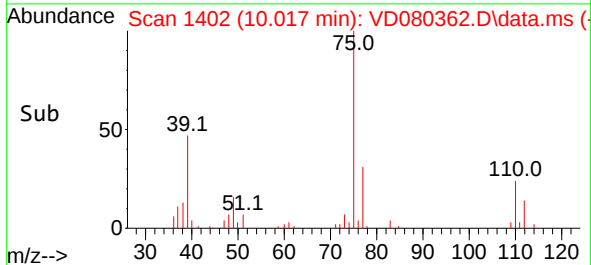
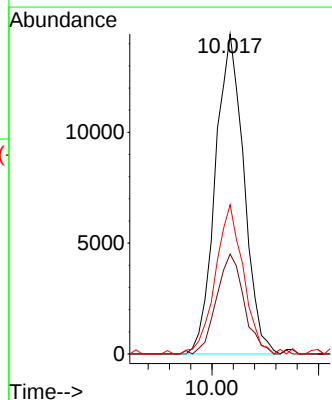
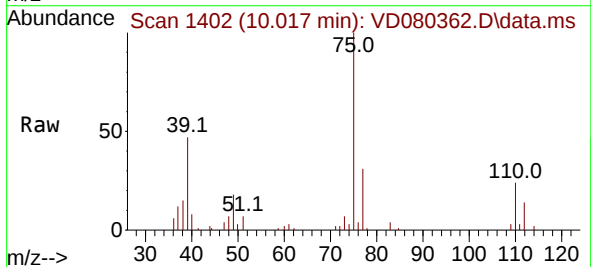
Manual Integrations
APPROVED

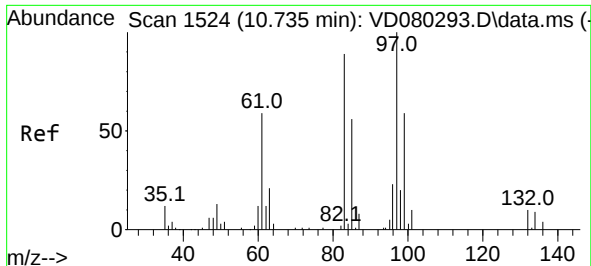
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#54
cis-1,3-Dichloropropene
Concen: 19.993 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

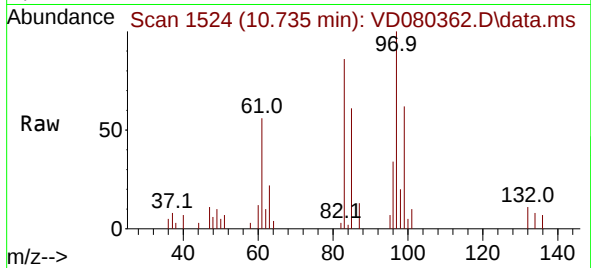
Tgt Ion: 75 Resp: 26724
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 46.7 33.2 49.8





#55
1,1,2-Trichloroethane
Concen: 20.786 ug/l
RT: 10.735 min Scan# 1524
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

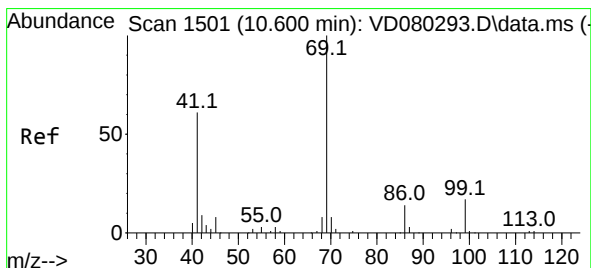
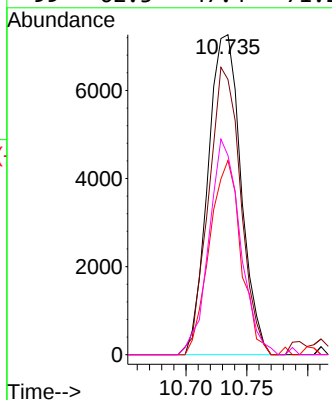
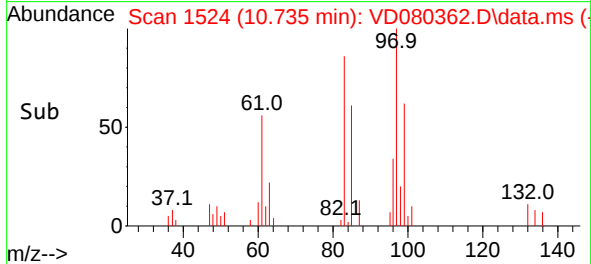
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



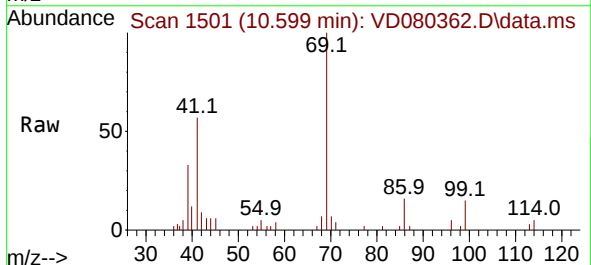
Tgt Ion: 97 Resp: 13700
Ion Ratio Lower Upper
97 100
83 86.0 69.2 103.8
85 60.7 43.0 64.6
99 62.3 47.4 71.2

Manual Integrations
APPROVED

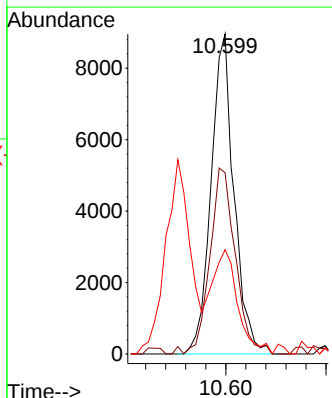
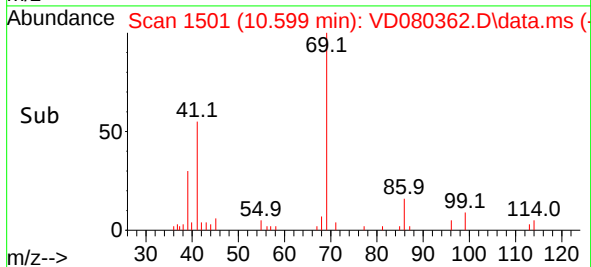
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

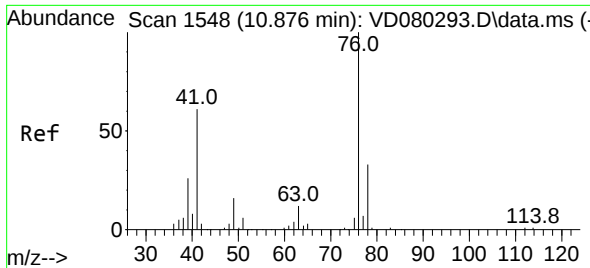


#56
Ethyl methacrylate
Concen: 17.778 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03



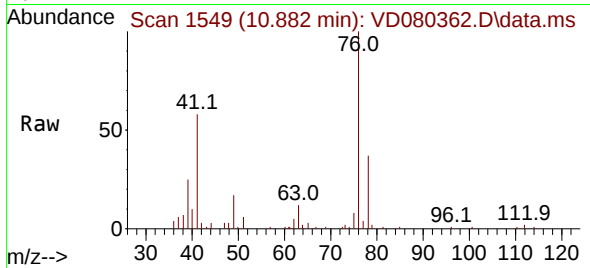
Tgt Ion: 69 Resp: 14205
Ion Ratio Lower Upper
69 100
41 64.8 50.4 75.6
39 37.8 26.0 39.0





#57
1,3-Dichloropropane
Concen: 25.908 ug/l
RT: 10.882 min Scan# 1549
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

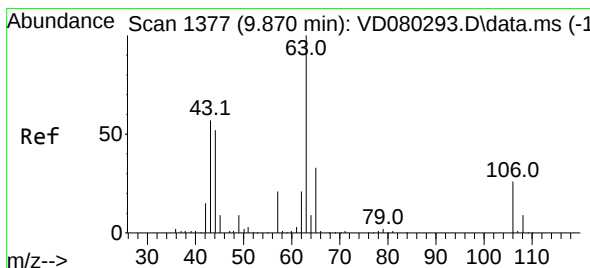
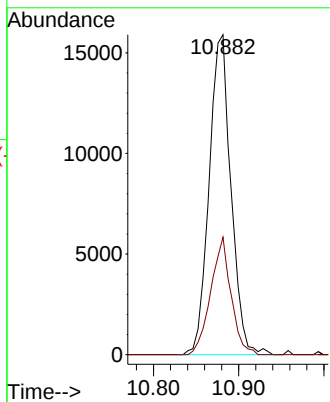
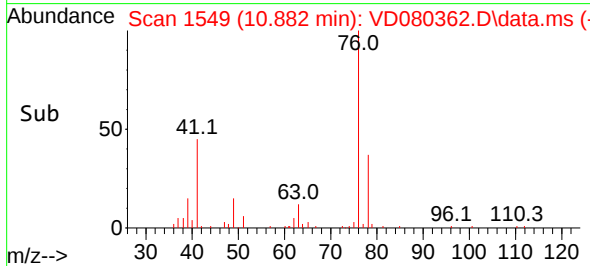
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



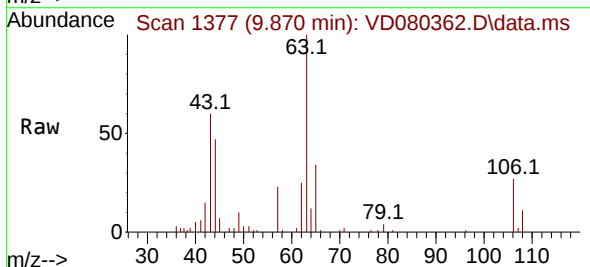
Tgt Ion: 76 Resp: 28392
Ion Ratio Lower Upper
76 100
78 34.2 25.4 38.2

Manual Integrations
APPROVED

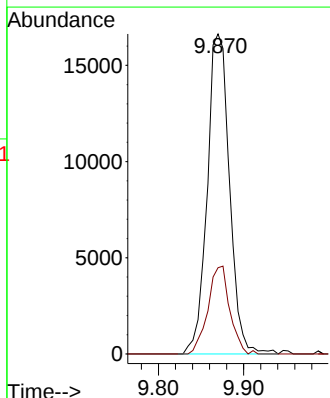
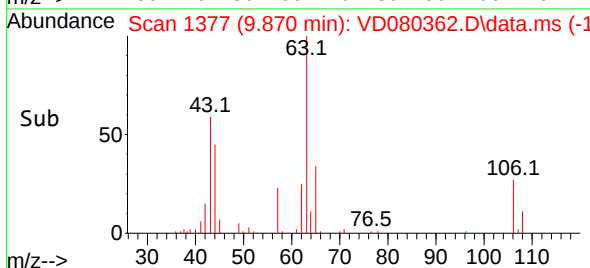
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

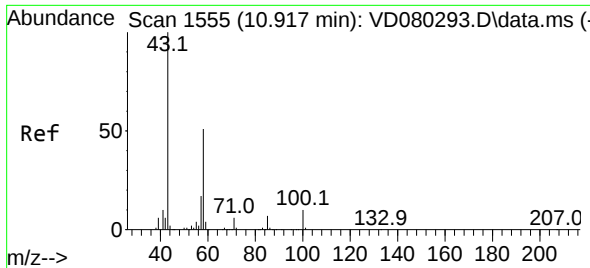


#58
2-Chloroethyl Vinyl ether
Concen: 92.492 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03



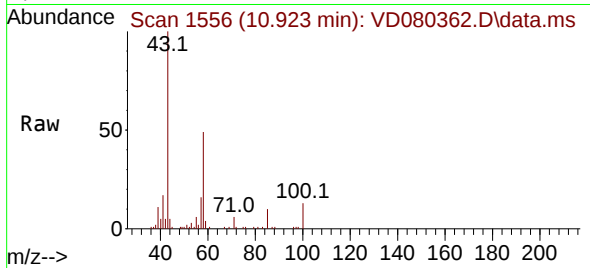
Tgt Ion: 63 Resp: 30244
Ion Ratio Lower Upper
63 100
106 27.0 21.8 32.6





#59
2-Hexanone
Concen: 107.460 ug/l
RT: 10.923 min Scan# 1555
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

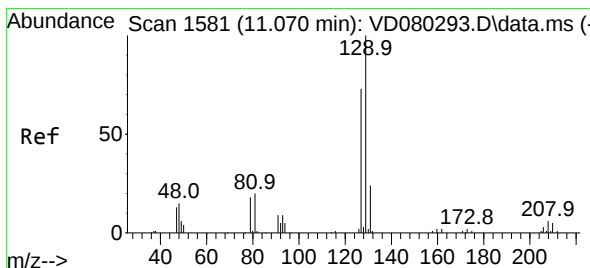
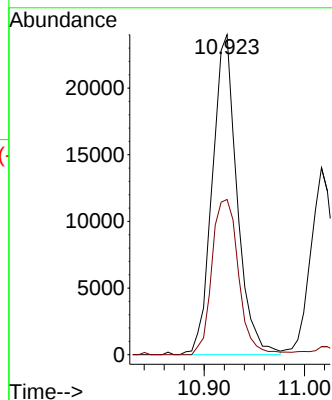
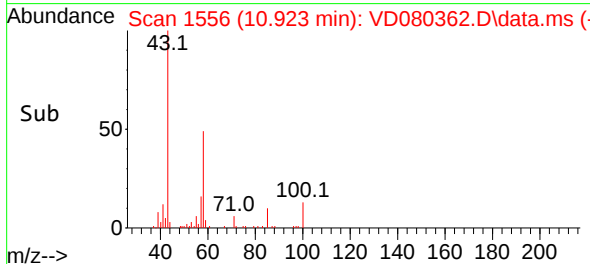
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



Tgt Ion: 43 Resp: 41149
Ion Ratio Lower Upper
43 100
58 52.3 27.8 83.4

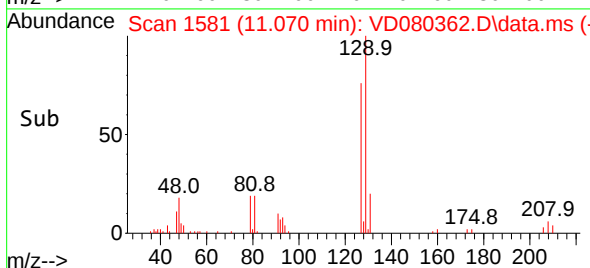
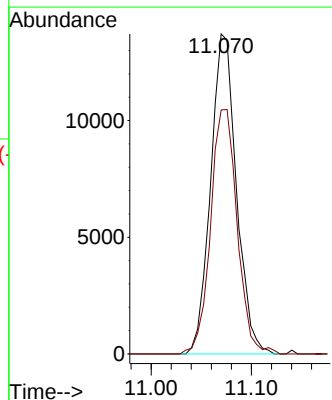
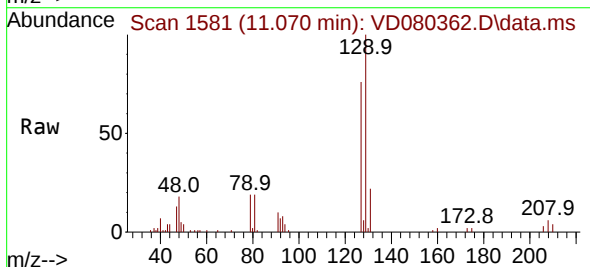
Manual Integrations
APPROVED

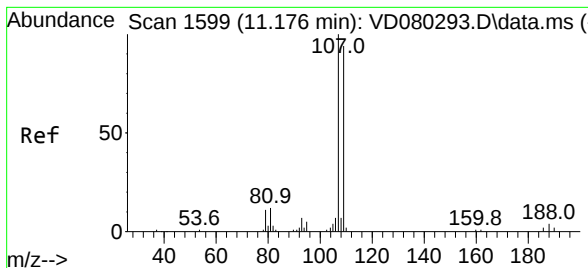
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#60
Dibromochloromethane
Concen: 29.605 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

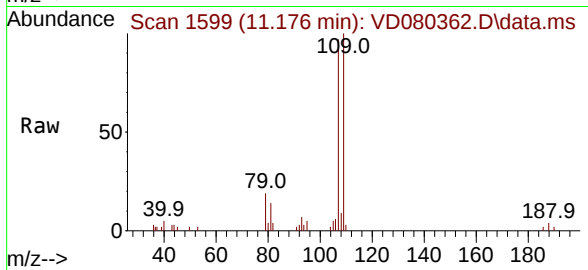
Tgt Ion:129 Resp: 24464
Ion Ratio Lower Upper
129 100
127 78.6 38.4 115.2





#61
1,2-Dibromoethane
Concen: 25.272 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

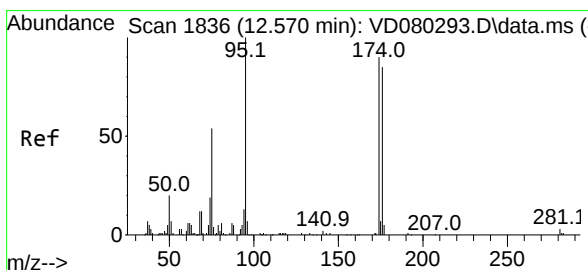
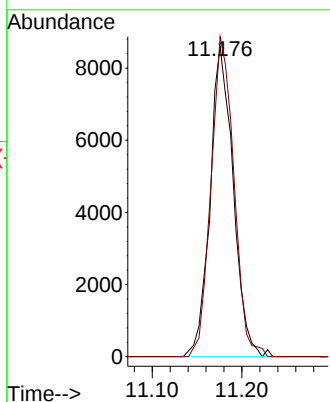
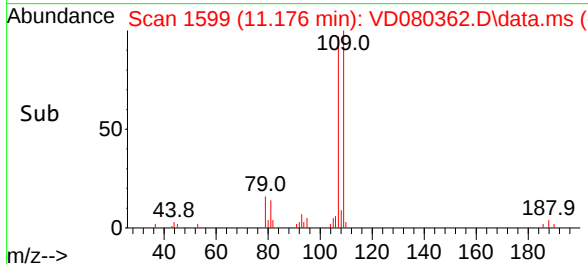
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



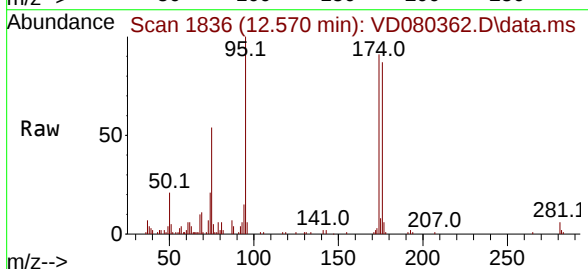
Tgt Ion:107 Resp: 15452
Ion Ratio Lower Upper
107 100
109 101.7 73.9 110.9

Manual Integrations
APPROVED

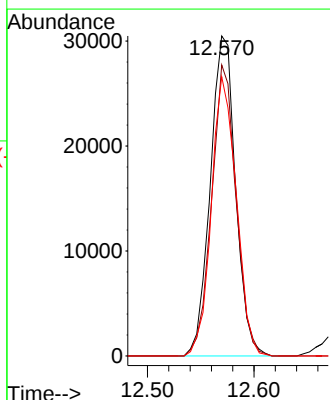
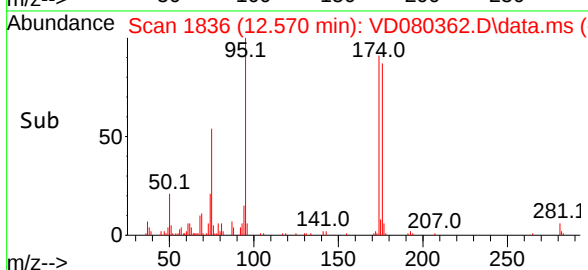
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

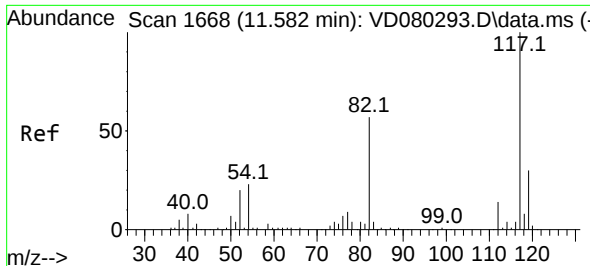


#62
4-Bromofluorobenzene
Concen: 52.212 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03



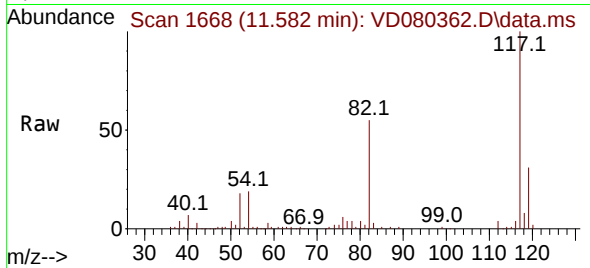
Tgt Ion: 95 Resp: 50338
Ion Ratio Lower Upper
95 100
174 87.8 0.0 173.4
176 86.0 0.0 166.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1158
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

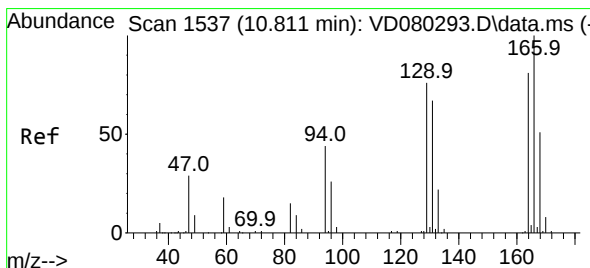
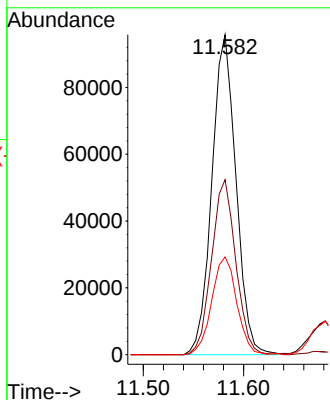
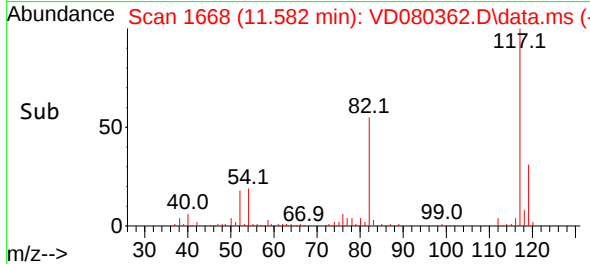
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



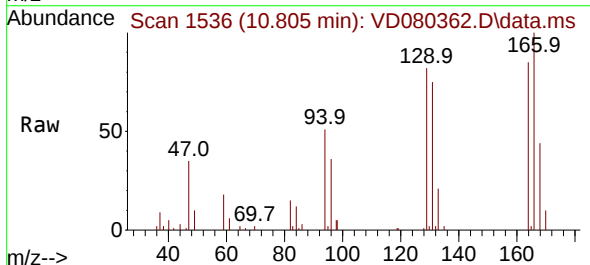
Tgt Ion:117 Resp: 15982
Ion Ratio Lower Upper
117 100
82 54.7 45.8 68.6
119 30.6 26.2 39.2

Manual Integrations
APPROVED

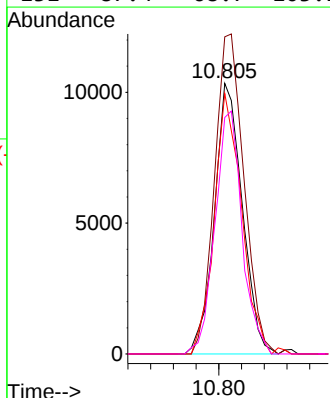
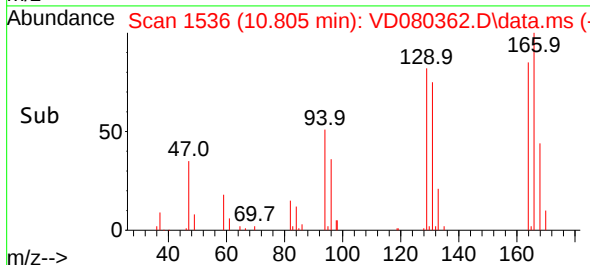
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

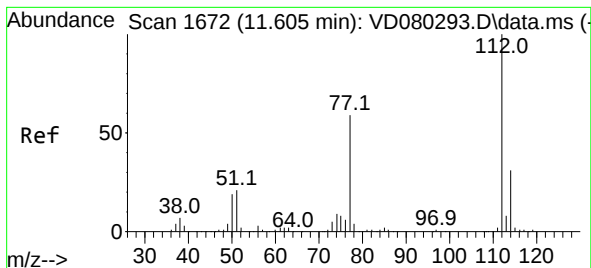


#64
Tetrachloroethene
Concen: 16.307 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.005 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03



Tgt Ion:164 Resp: 17649
Ion Ratio Lower Upper
164 100
166 117.2 97.5 146.3
129 96.3 70.6 106.0
131 87.4 68.7 103.1





#65

Chlorobenzene

Concen: 20.438 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

Tgt Ion:112 Resp: 73754

Ion Ratio Lower Upper

112 100

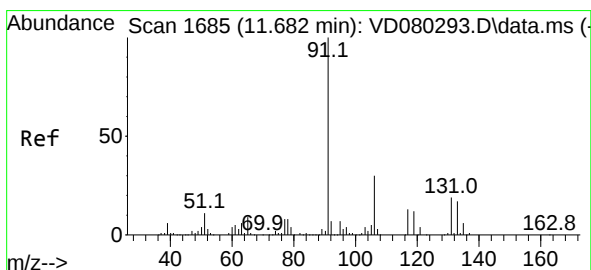
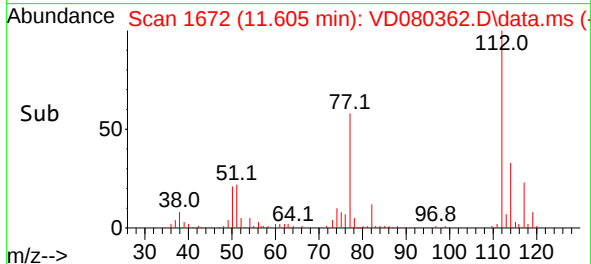
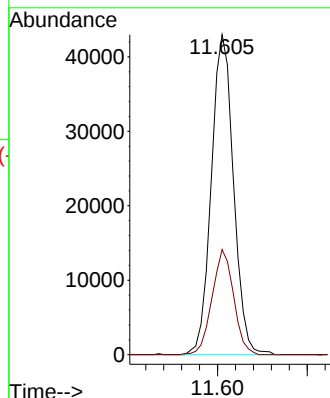
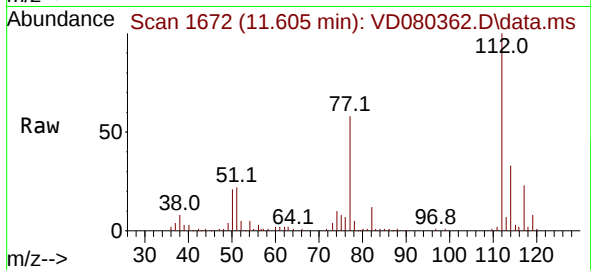
114 32.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 20.648 ug/l

RT: 11.682 min Scan# 1685

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

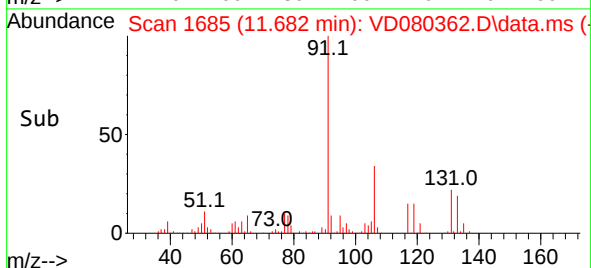
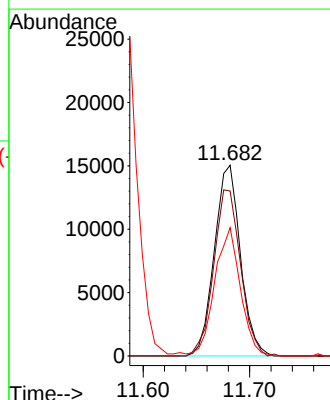
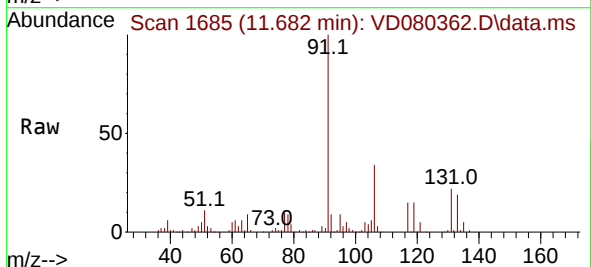
Tgt Ion:131 Resp: 25600

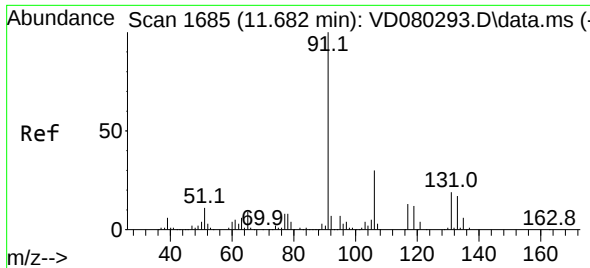
Ion Ratio Lower Upper

131 100

133 89.8 48.8 146.4

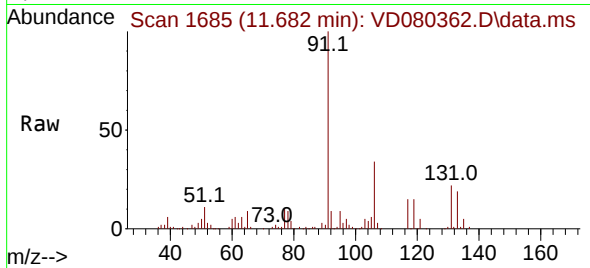
119 66.8 34.8 104.3





#67
Ethyl Benzene
Concen: 18.478 ug/l
RT: 11.682 min Scan# 11143
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

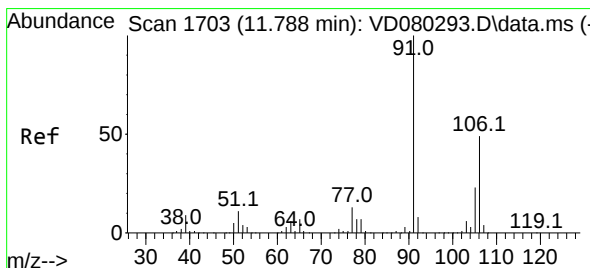
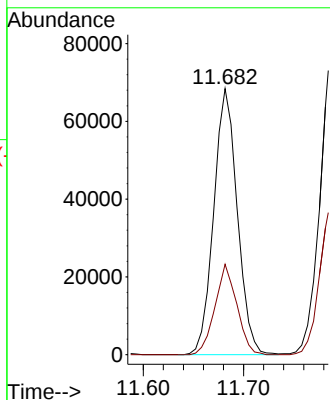
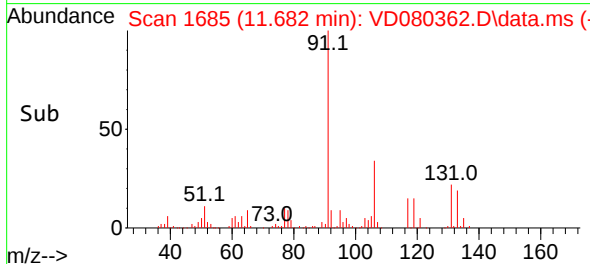
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



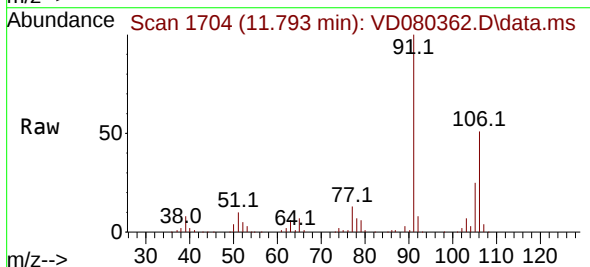
Tgt Ion: 91 Resp: 11143
Ion Ratio Lower Upper
91 100
106 34.0 23.6 35.4

Manual Integrations
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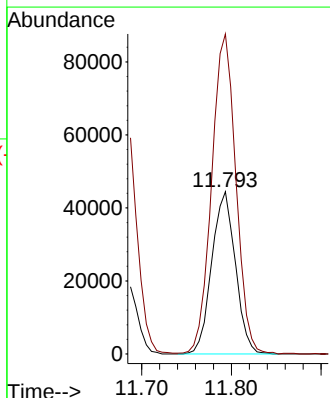
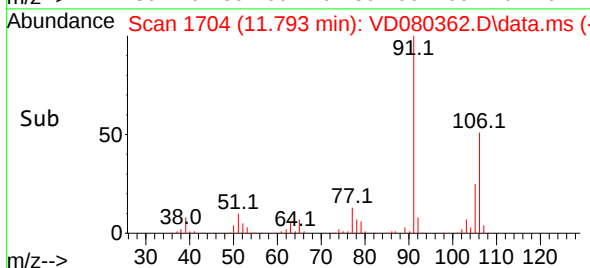
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

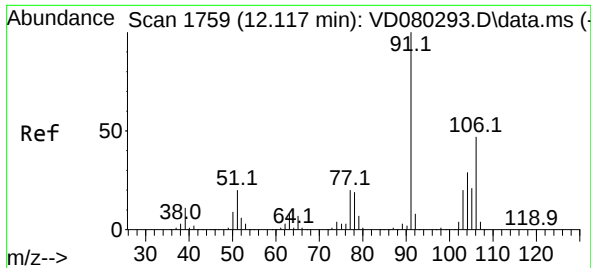


#68
m/p-Xylenes
Concen: 34.688 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03



Tgt Ion:106 Resp: 81224
Ion Ratio Lower Upper
106 100
91 201.4 162.6 244.0





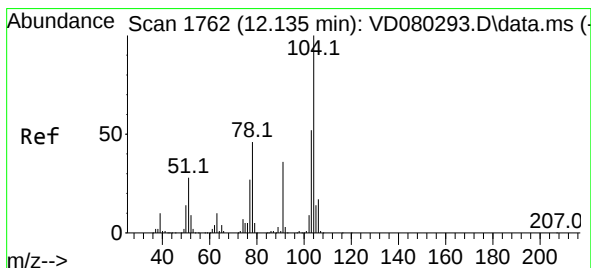
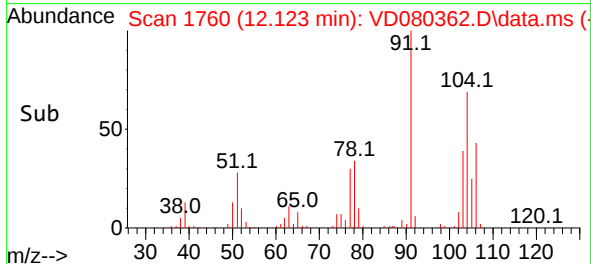
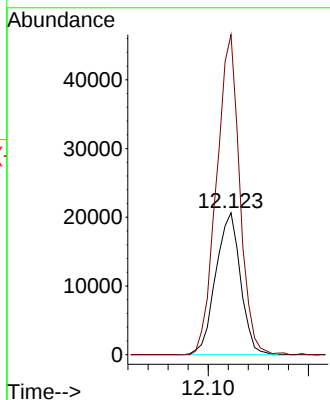
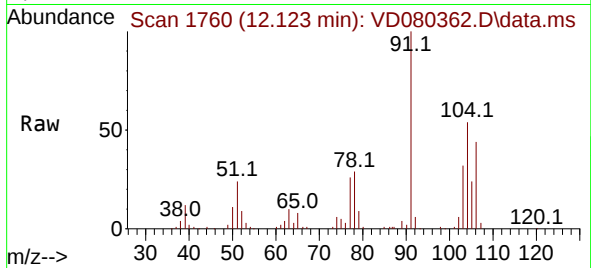
#69
o-Xylene
Concen: 16.471 ug/l
RT: 12.123 min Scan# 1760
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion:106 Resp: 3524
Ion Ratio Lower Upper
106 100
91 212.3 110.5 331.5

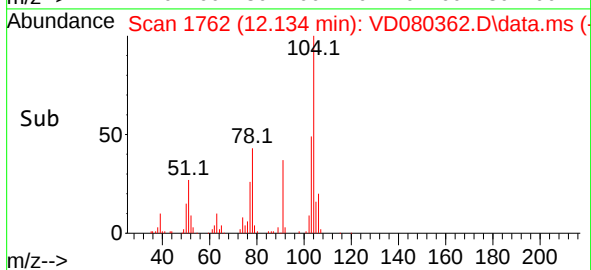
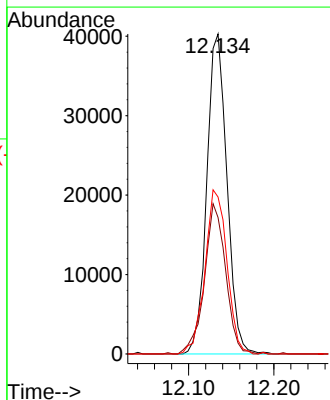
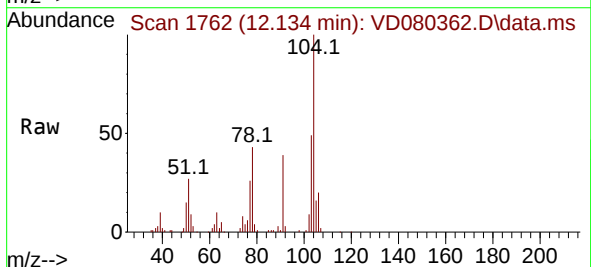
Manual Integrations
APPROVED

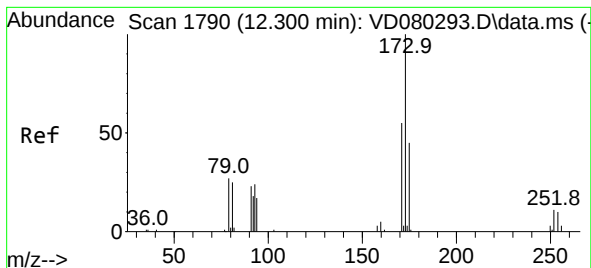
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#70
Styrene
Concen: 17.198 ug/l
RT: 12.134 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion:104 Resp: 66077
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.8
103 56.1 45.2 67.8





#71

Bromoform

Concen: 14.457 ug/l

RT: 12.299 min Scan# 1790

Delta R.T. 0.006 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

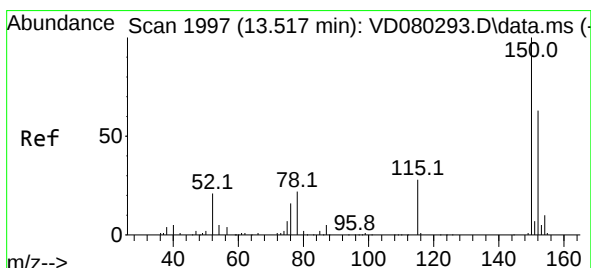
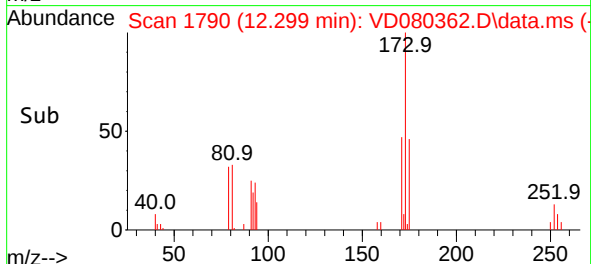
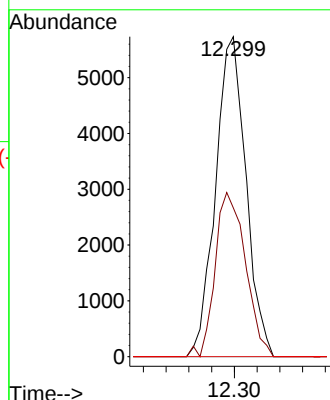
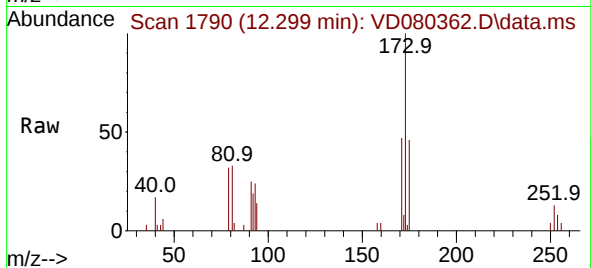
VD0516SBS01

Tgt Ion:173	Resp: 10649
Ion Ratio	Lower Upper
173 100	
175 51.2	24.8 74.3
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

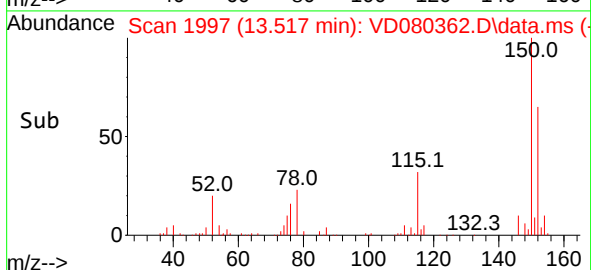
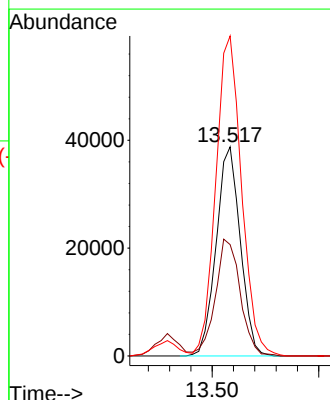
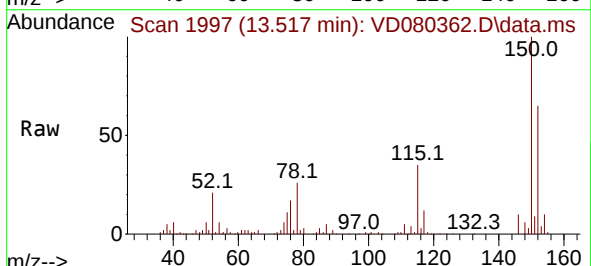
RT: 13.517 min Scan# 1997

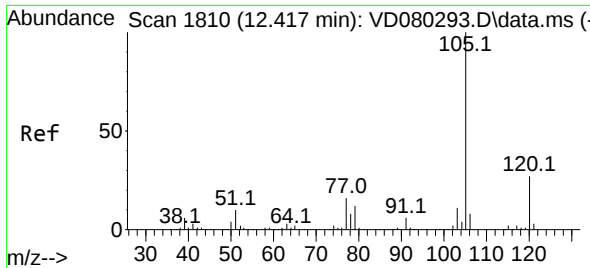
Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Tgt Ion:152	Resp: 60838
Ion Ratio	Lower Upper
152 100	
115 57.6	28.9 86.8
150 163.5	0.0 354.8





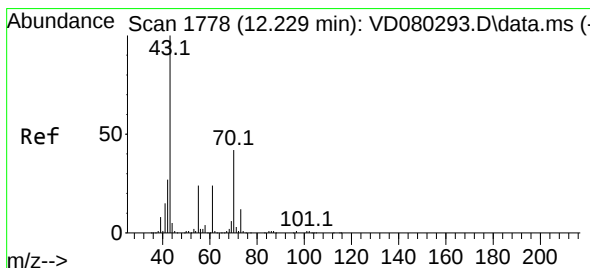
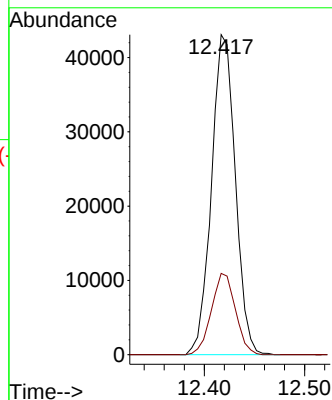
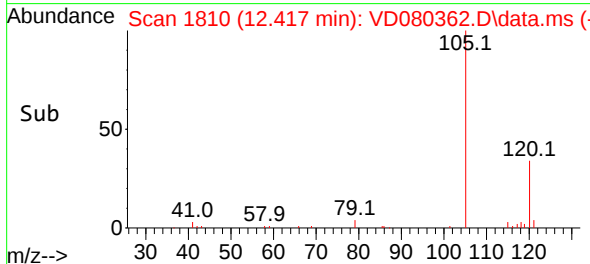
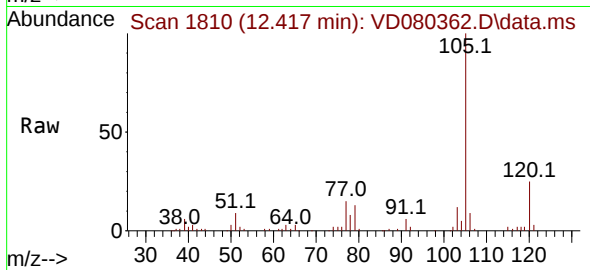
#73
Isopropylbenzene
Concen: 18.045 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion:105 Resp: 71215
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.9

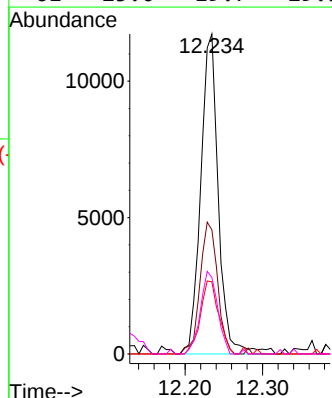
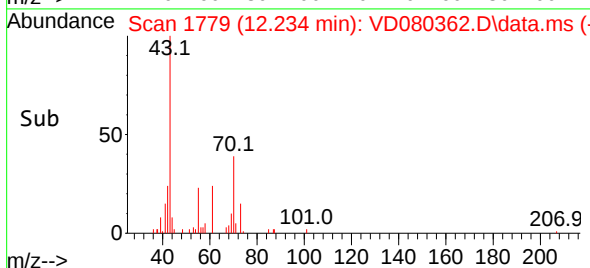
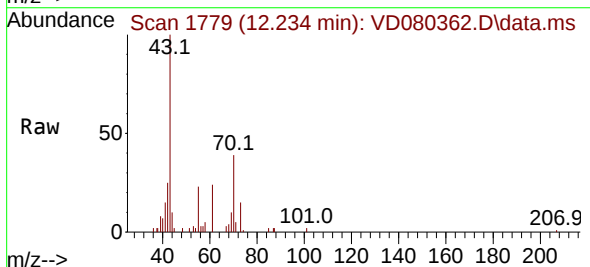
Manual Integrations
APPROVED

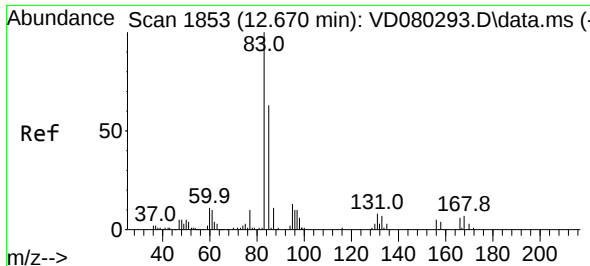
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#74
N-ethyl acetate
Concen: 16.408 ug/l
RT: 12.234 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 43 Resp: 18585
Ion Ratio Lower Upper
43 100
70 40.7 36.3 54.5
55 23.8 20.3 30.5
61 25.0 19.7 29.5





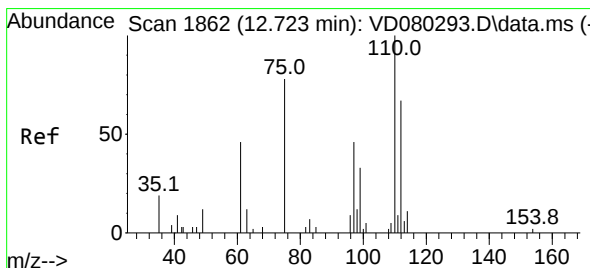
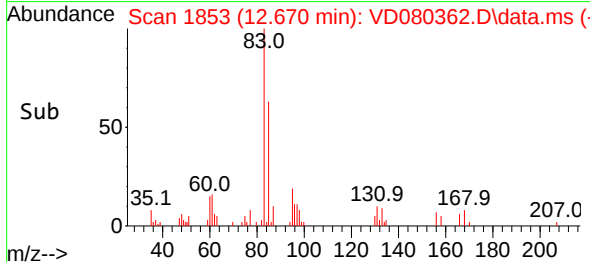
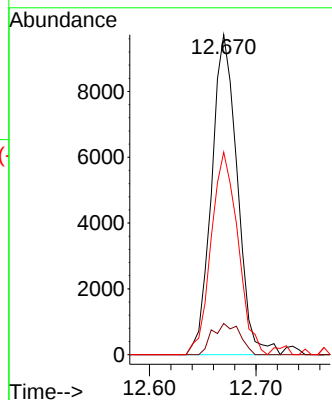
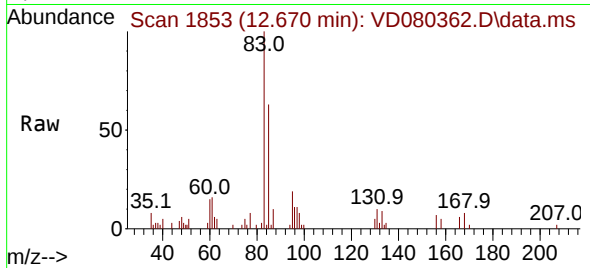
#75
1,1,2,2-Tetrachloroethane
Concen: 18.753 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion: 83 Resp: 16275
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 65.9 32.9 98.6

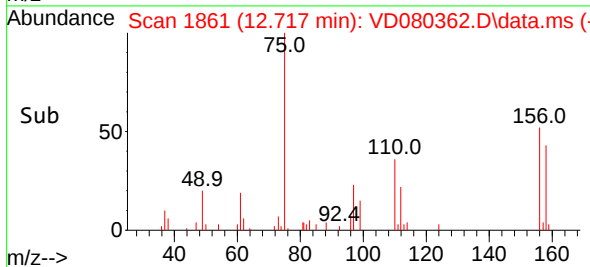
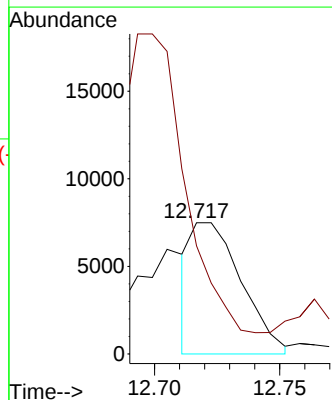
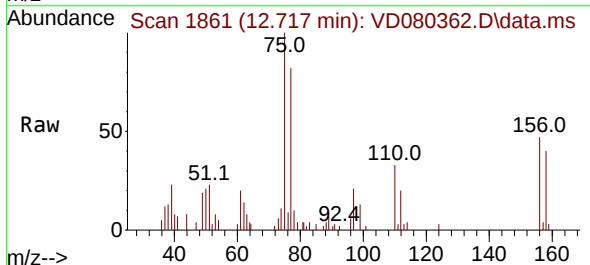
Manual Integrations
APPROVED

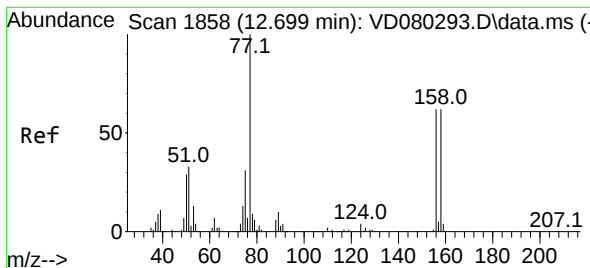
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#76
1,2,3-Trichloropropane
Concen: 17.862 ug/l m
RT: 12.717 min Scan# 1861
Delta R.T. -0.005 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 75 Resp: 10488
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.848 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

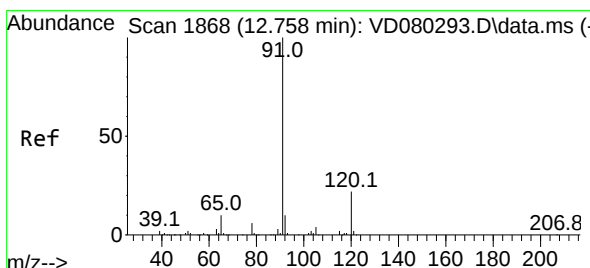
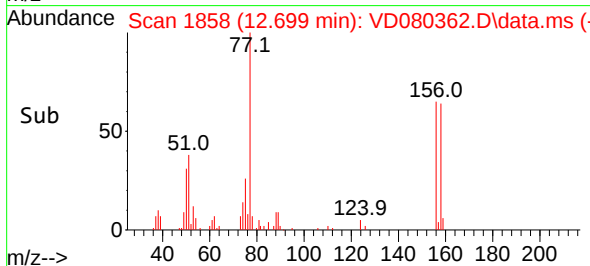
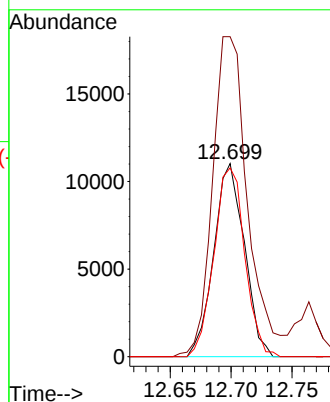
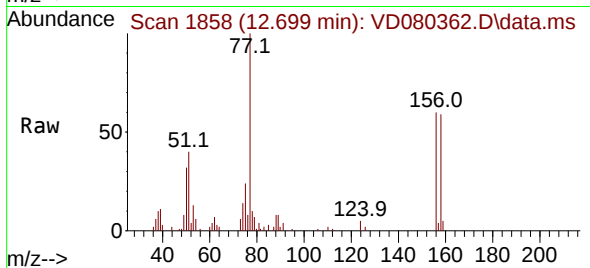
VD0516SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	188.3	89.8	269.6
158	98.7	47.9	143.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#78

n-propylbenzene

Concen: 18.537 ug/l

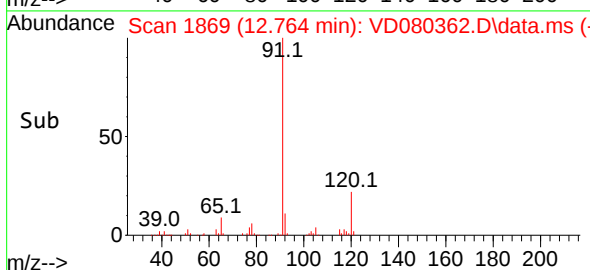
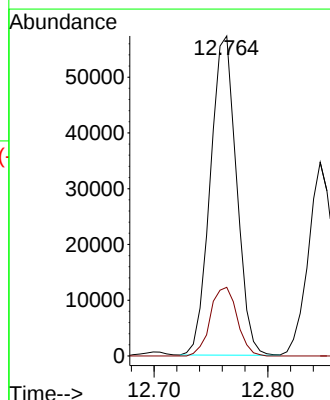
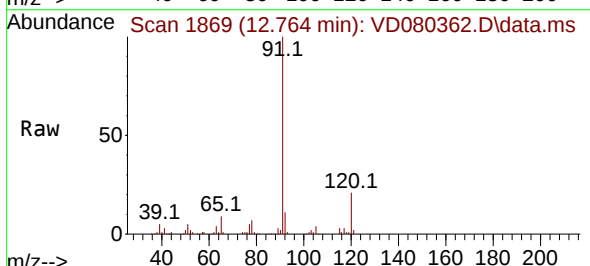
RT: 12.764 min Scan# 1869

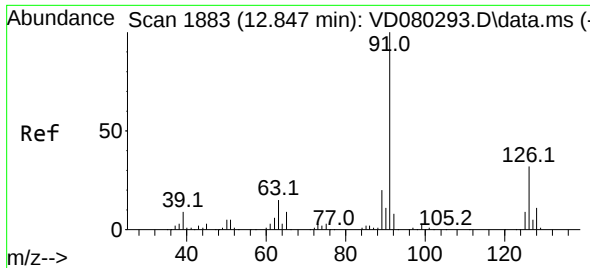
Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.2	33.5





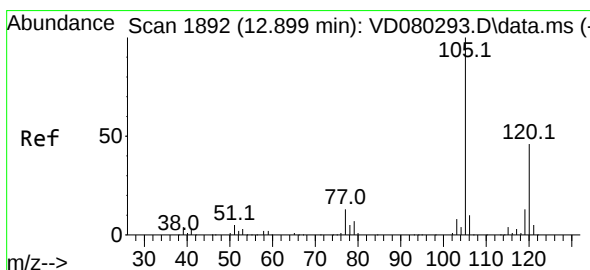
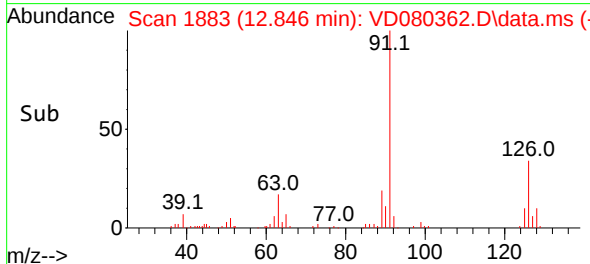
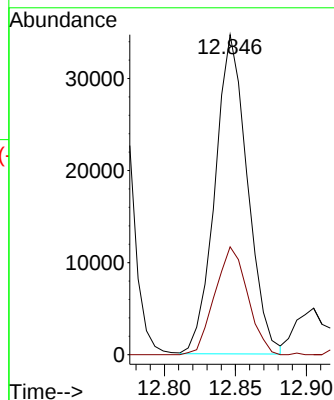
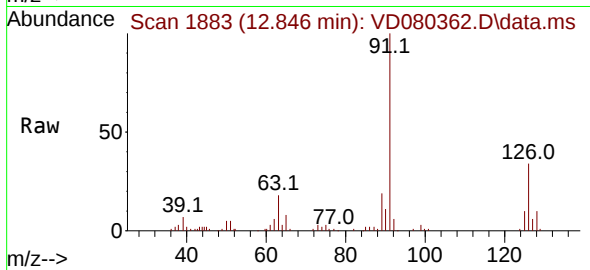
#79
2-Chlorotoluene
Concen: 19.134 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion: 91 Resp: 55119
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.5

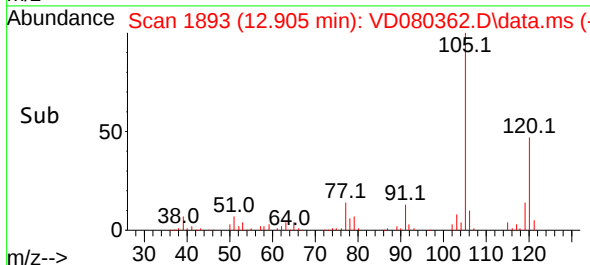
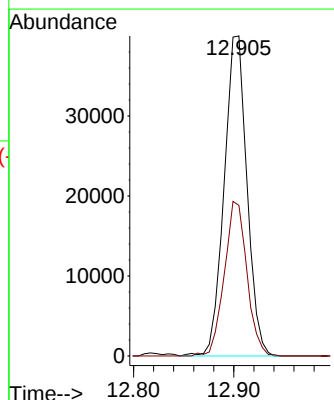
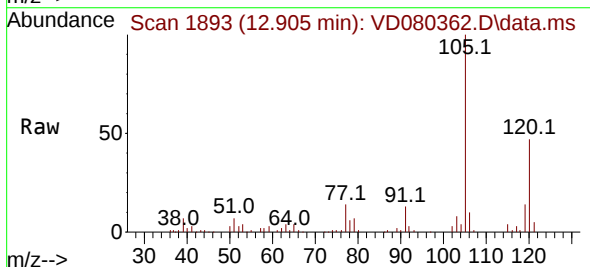
Manual Integrations
APPROVED

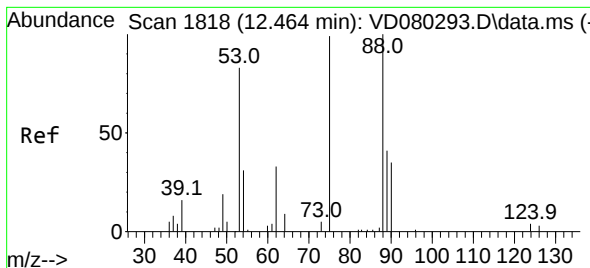
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.751 ug/l
RT: 12.905 min Scan# 1893
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion:105 Resp: 63117
Ion Ratio Lower Upper
105 100
120 47.9 25.0 75.0





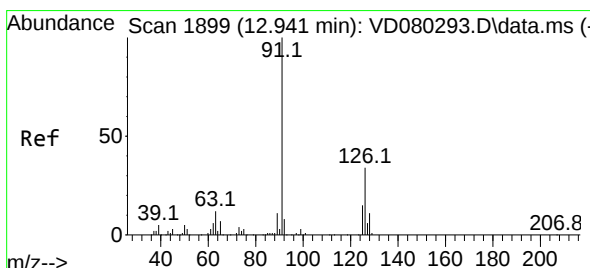
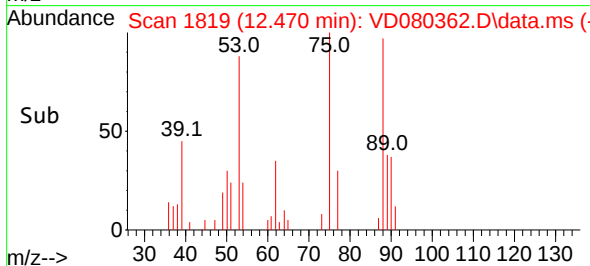
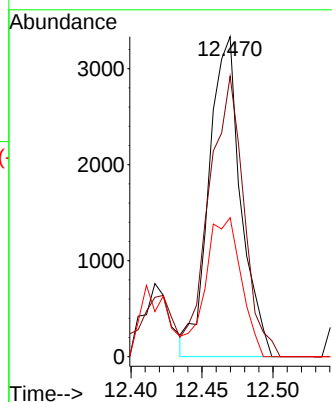
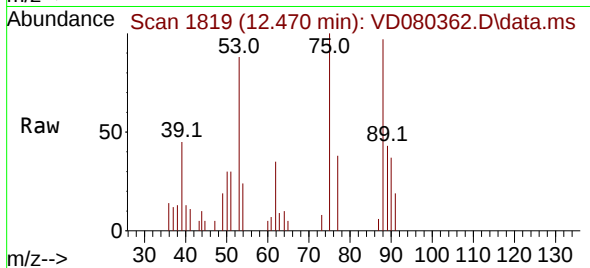
#81
trans-1,4-Dichloro-2-butene
Concen: 16.833 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion: 75 Resp: 520
Ion Ratio Lower Upper
75 100
53 95.0 68.7 103.1
89 48.8 36.1 54.1

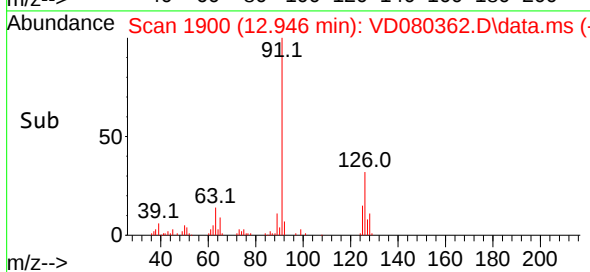
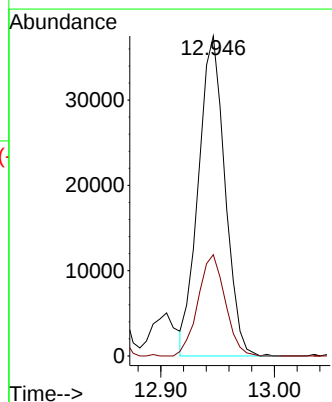
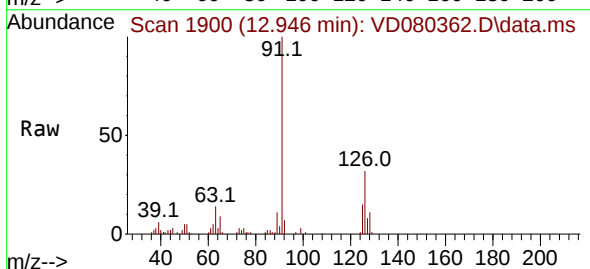
Manual Integrations
APPROVED

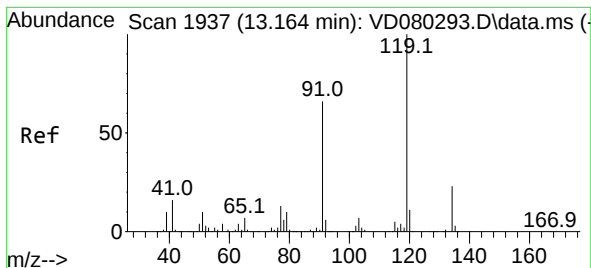
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#82
4-Chlorotoluene
Concen: 19.578 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

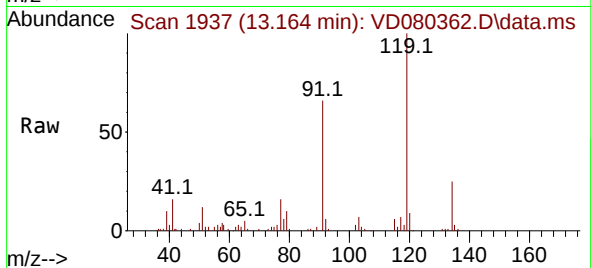
Tgt Ion: 91 Resp: 60880
Ion Ratio Lower Upper
91 100
126 32.2 16.8 50.3





#83
tert-Butylbenzene
Concen: 18.377 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

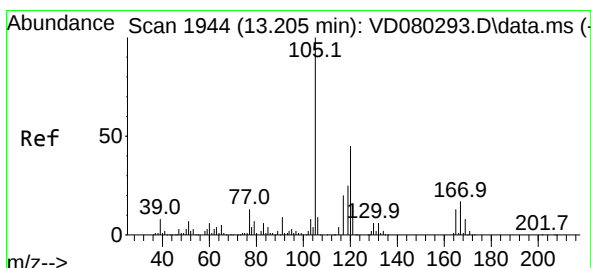
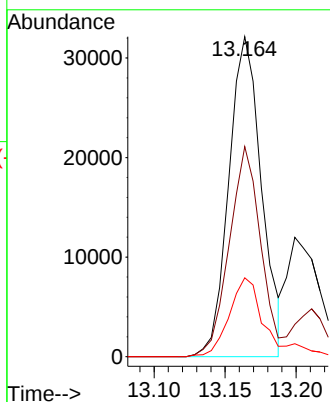
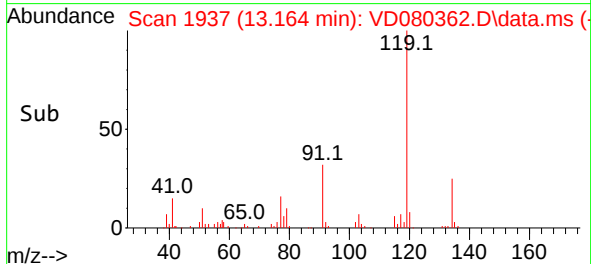
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



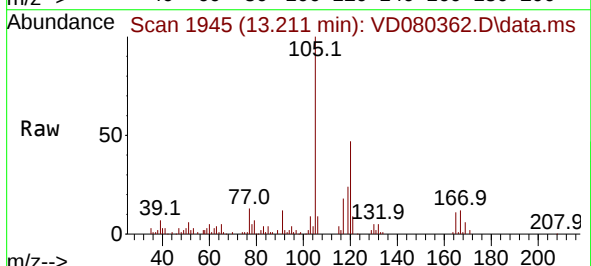
Tgt Ion:119 Resp: 5161
Ion Ratio Lower Upper
119 100
91 63.9 33.3 99.9
134 27.3 13.5 40.5

Manual Integrations
APPROVED

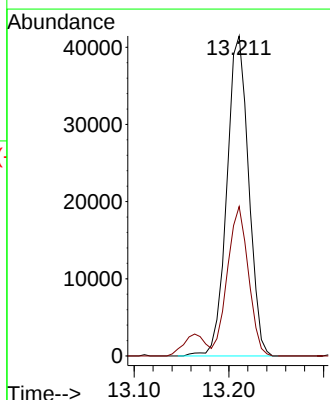
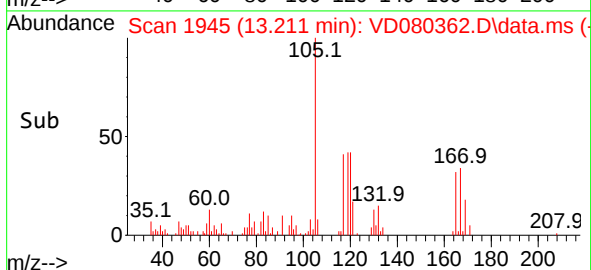
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

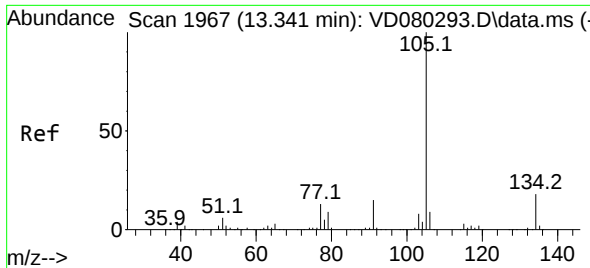


#84
1,2,4-Trimethylbenzene
Concen: 19.249 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03



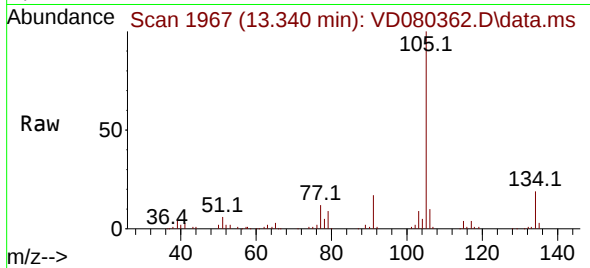
Tgt Ion:105 Resp: 66292
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 18.573 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

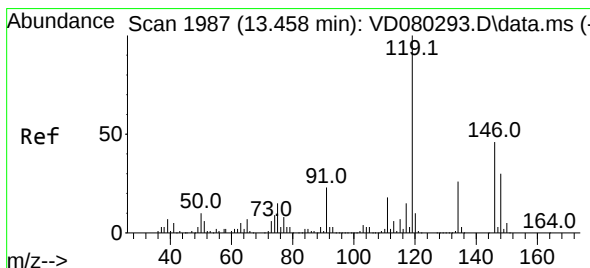
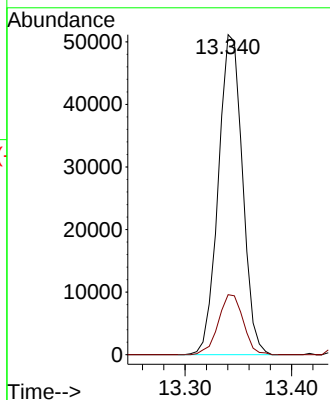
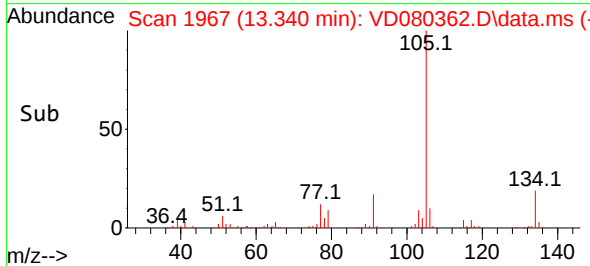
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01



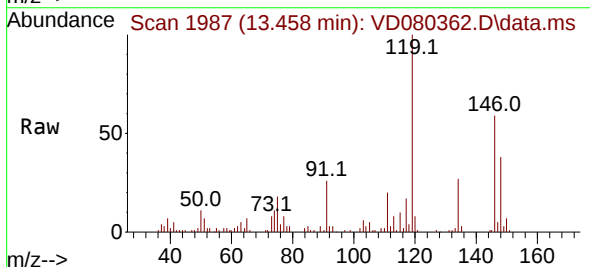
Tgt Ion:105 Resp: 8045
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
 APPROVED

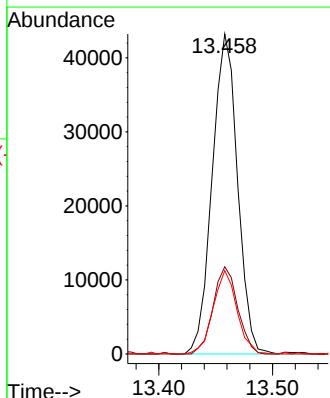
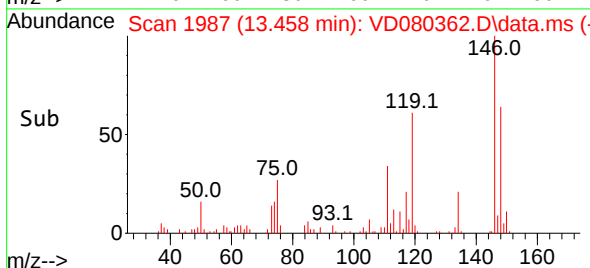
Reviewed By :Mahesh Dadoda 05/19/2025
 Supervised By :Semsettin Yesilyurt 05/19/2025

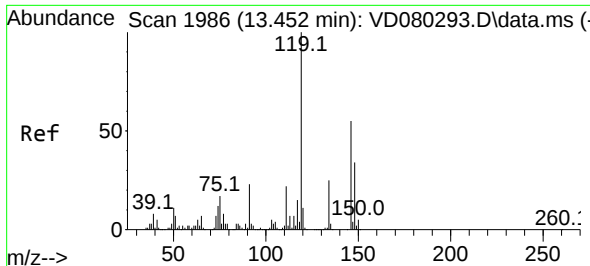


#86
 p-Isopropyltoluene
 Concen: 18.383 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.001 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03



Tgt Ion:119 Resp: 66920
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.653 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

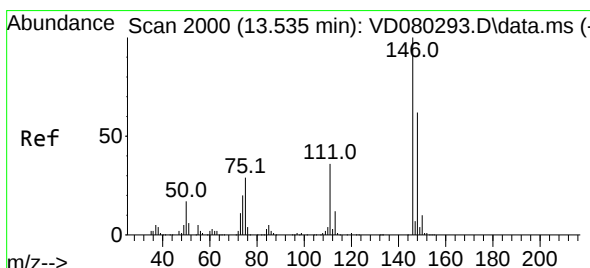
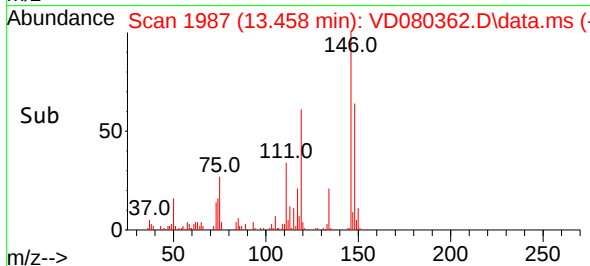
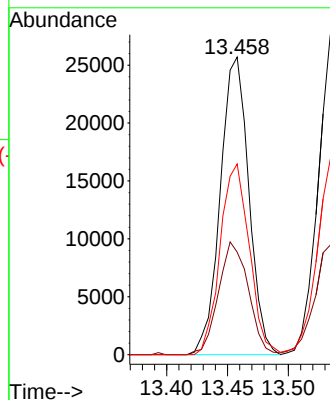
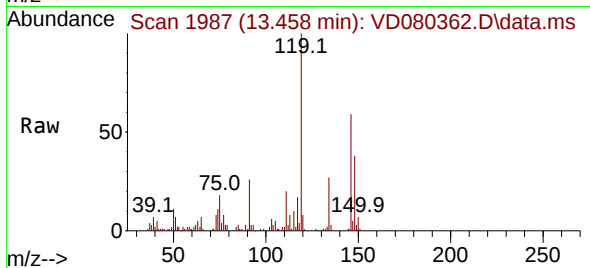
Tgt Ion:146	Resp:	4195
Ion Ratio	Lower	Upper
146	100	
111	39.7	20.0 59.9
148	65.4	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#88

1,4-Dichlorobenzene

Concen: 19.229 ug/l

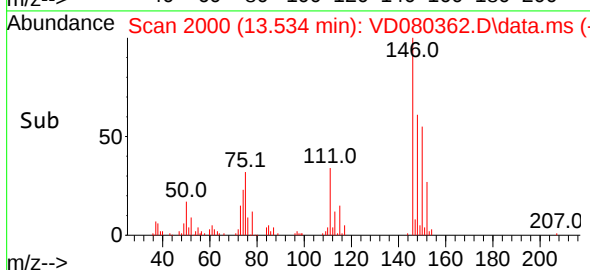
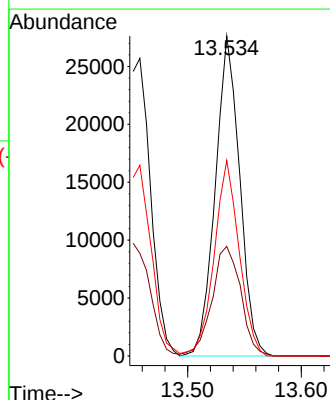
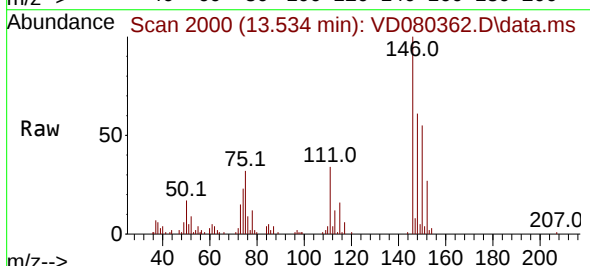
RT: 13.534 min Scan# 2000

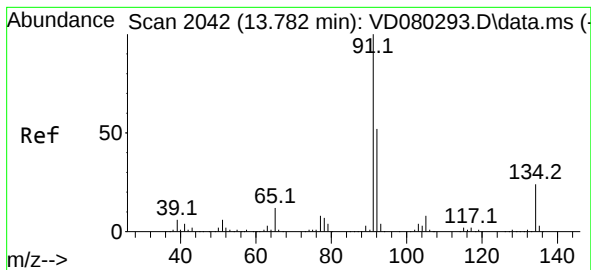
Delta R.T. 0.000 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Tgt Ion:146	Resp:	41385
Ion Ratio	Lower	Upper
146	100	
111	40.2	19.3 57.8
148	62.3	32.9 98.7





#89

n-Butylbenzene

Concen: 17.867 ug/l

RT: 13.787 min Scan# 2042

Delta R.T. 0.000 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

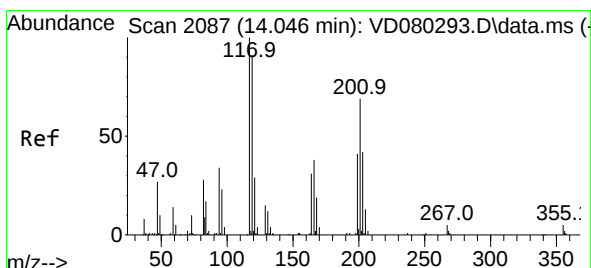
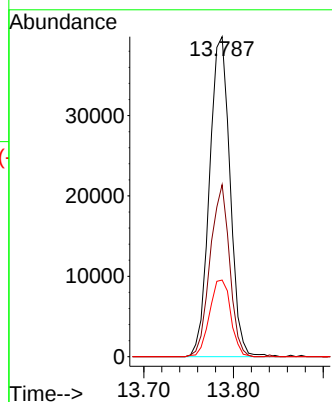
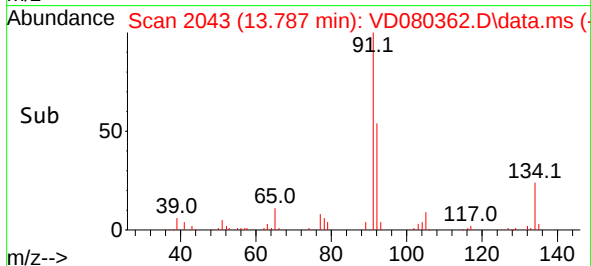
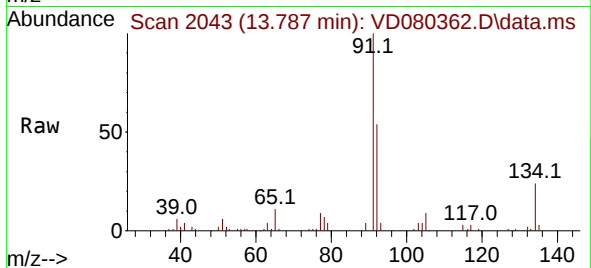
Tgt Ion: 91 Resp: 63139

Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.3	78.9
134	24.8	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#90

Hexachloroethane

Concen: 20.081 ug/l

RT: 14.052 min Scan# 2088

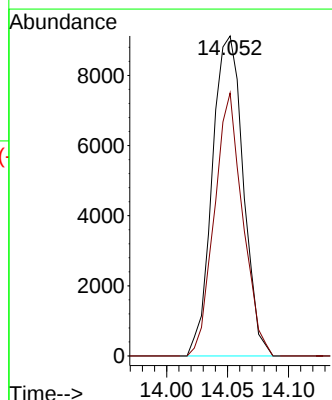
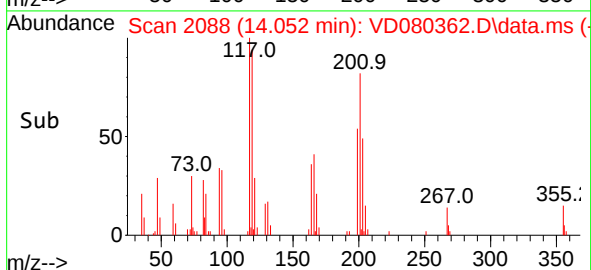
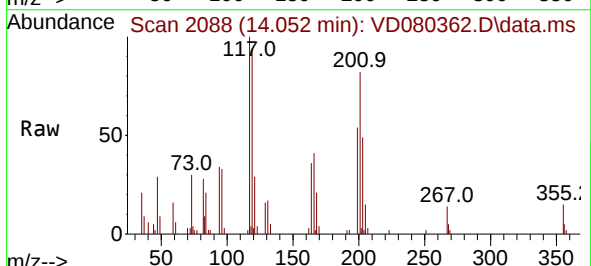
Delta R.T. 0.001 min

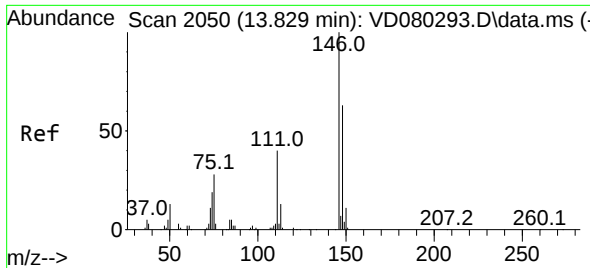
Lab File: VD080362.D

Acq: 16 May 2025 11:03

Tgt Ion:117 Resp: 16175

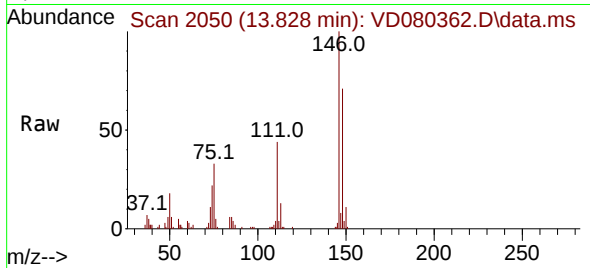
Ion	Ratio	Lower	Upper
117	100		
201	75.3	37.5	112.5





#91
1,2-Dichlorobenzene
Concen: 19.831 ug/l
RT: 13.828 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

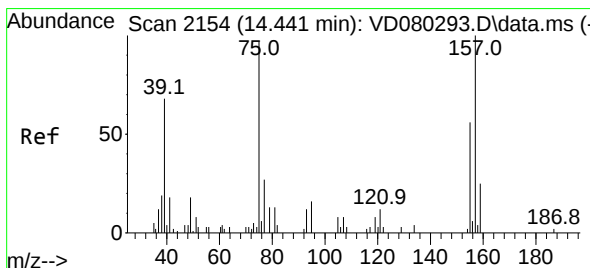
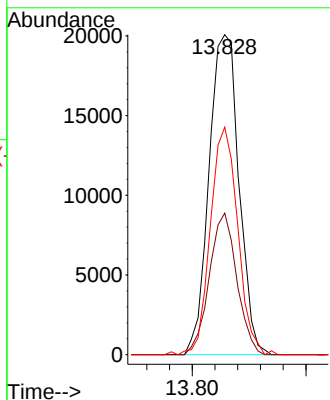
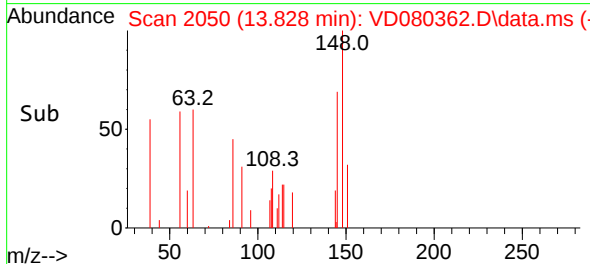
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



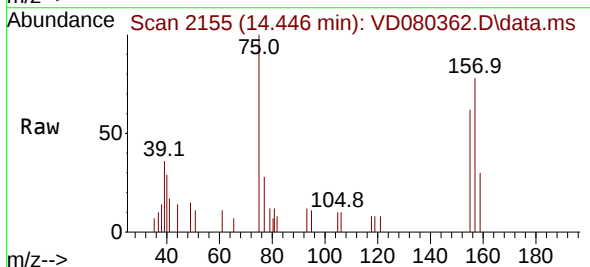
Tgt Ion:146 Resp: 3677
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 65.2 32.7 98.1

Manual Integrations
APPROVED

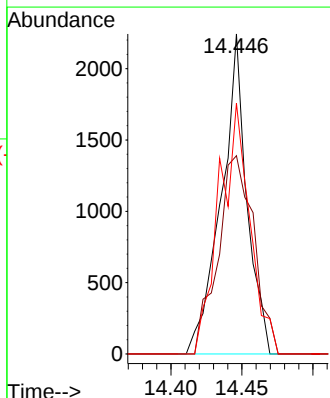
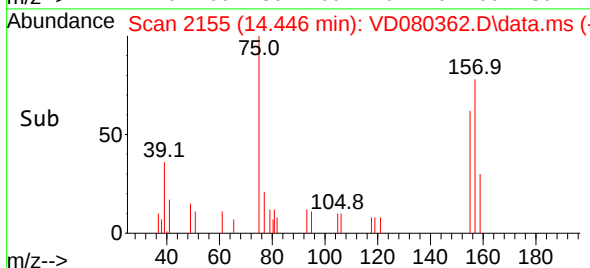
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

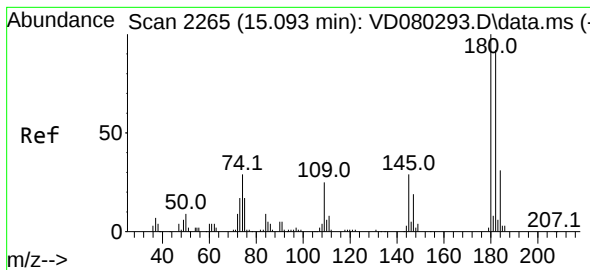


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.331 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.006 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03



Tgt Ion: 75 Resp: 2812
Ion Ratio Lower Upper
75 100
155 86.6 40.6 122.0
157 93.9 53.3 159.9





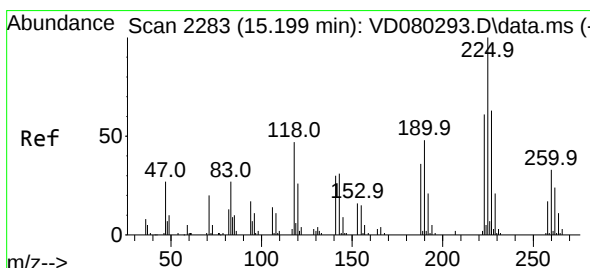
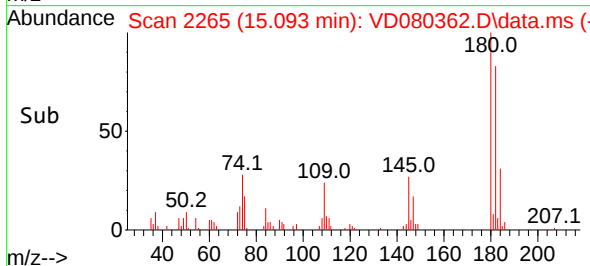
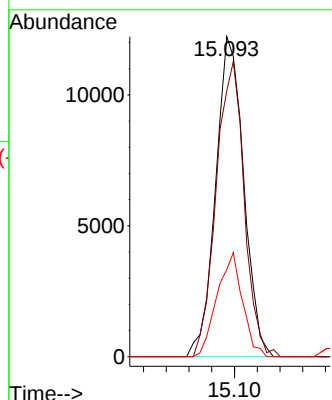
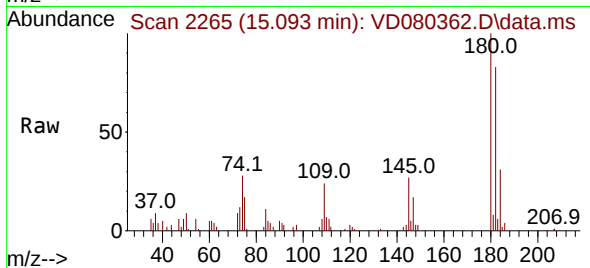
#93
 1,2,4-Trichlorobenzene
 Concen: 17.936 ug/l
 RT: 15.093 min Scan# 2265
 Delta R.T. -0.005 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Tgt Ion:180 Resp: 20918
 Ion Ratio Lower Upper
 180 100
 182 92.1 47.4 142.2
 145 29.5 14.7 44.1

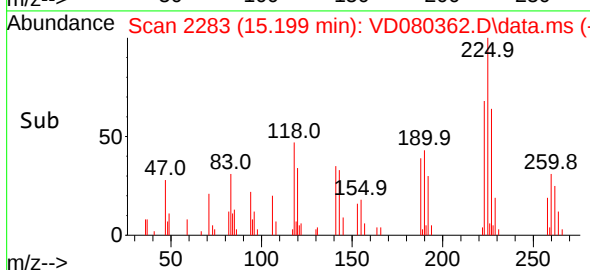
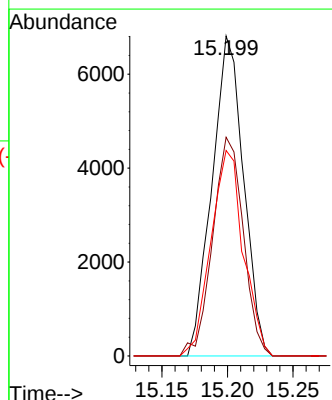
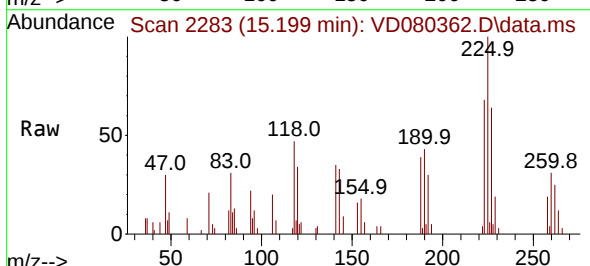
Manual Integrations
 APPROVED

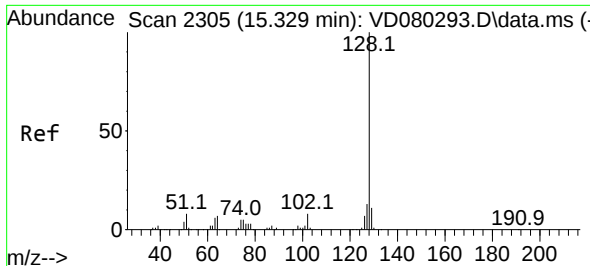
Reviewed By :Mahesh Dadoda 05/19/2025
 Supervised By :Semsettin Yesilyurt 05/19/2025



#94
 Hexachlorobutadiene
 Concen: 18.787 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.001 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

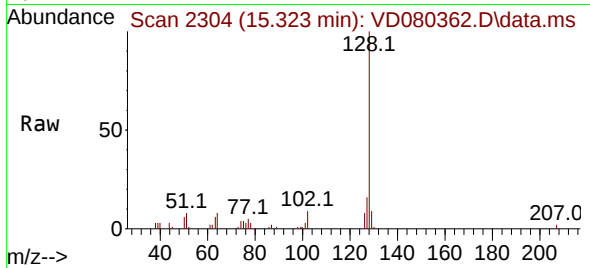
Tgt Ion:225 Resp: 11399
 Ion Ratio Lower Upper
 225 100
 223 66.3 31.5 94.5
 227 66.0 30.9 92.5





#95
Naphthalene
Concen: 15.706 ug/l
RT: 15.323 min Scan# 2304
Delta R.T. -0.005 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

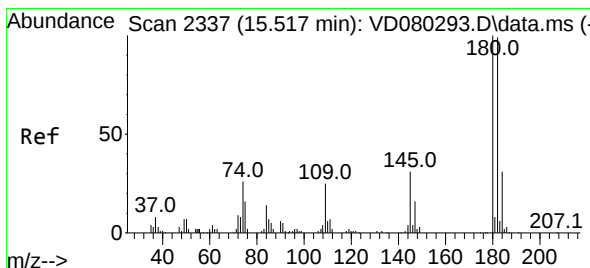
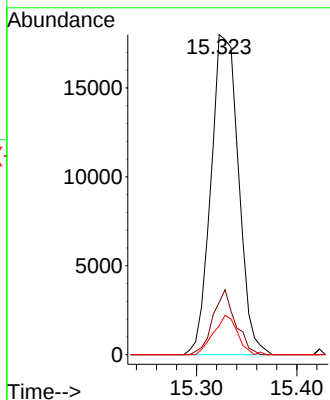
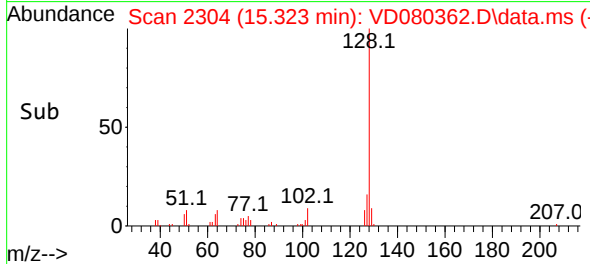
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



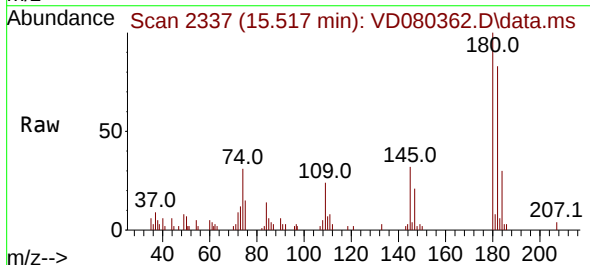
Tgt Ion:128 Resp: 34394
Ion Ratio Lower Upper
128 100
127 16.3 11.8 17.8
129 9.0 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.285 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03



Tgt Ion:180 Resp: 19073
Ion Ratio Lower Upper
180 100
182 92.8 47.5 142.6
145 30.7 15.7 47.0

