

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111825\
 Data File : VD080533.D
 Acq On : 18 Nov 2025 11:04
 Operator : RP/MD
 Sample : VD1118SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

Quant Time: Nov 18 11:33:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111725S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 18 00:45:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	297980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	489109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	402970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	177229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	109622	43.814	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.620%		
35) Dibromofluoromethane	7.805	113	133734	46.444	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.880%		
50) Toluene-d8	10.270	98	556082	47.738	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.480%		
62) 4-Bromofluorobenzene	12.570	95	154400	46.105	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	46687	21.023	ug/l	92
3) Chloromethane	2.147	50	70555	19.679	ug/l	99
4) Vinyl Chloride	2.288	62	82307	19.376	ug/l	100
5) Bromomethane	2.700	94	66689	21.173	ug/l	97
6) Chloroethane	2.841	64	57353	19.668	ug/l	96
7) Trichlorofluoromethane	3.182	101	98122	20.298	ug/l	98
8) Diethyl Ether	3.594	74	22534	16.914	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.976	101	60463	19.791	ug/l	95
10) Methyl Iodide	4.170	142	72178	18.374	ug/l	98
11) Tert butyl alcohol	5.041	59	11118	95.414	ug/l #	83
12) 1,1-Dichloroethene	3.947	96	62391	19.404	ug/l	92
13) Acrolein	3.800	56	18832	92.903	ug/l	97
14) Allyl chloride	4.564	41	90959	18.115	ug/l	94
15) Acrylonitrile	5.258	53	42990	79.944	ug/l	97
16) Acetone	4.023	43	28260	77.259	ug/l	98
17) Carbon Disulfide	4.276	76	197700	19.108	ug/l	99
18) Methyl Acetate	4.570	43	18452	16.403	ug/l	96
19) Methyl tert-butyl Ether	5.323	73	99671	17.486	ug/l	94
20) Methylene Chloride	4.805	84	77810	21.072	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	70838	19.756	ug/l	93
22) Diisopropyl ether	6.217	45	160267	17.663	ug/l	98
23) Vinyl Acetate	6.158	43	404236	85.554	ug/l	99
24) 1,1-Dichloroethane	6.111	63	118748	19.141	ug/l	96
25) 2-Butanone	7.082	43	47421	82.682	ug/l	90
26) 2,2-Dichloropropane	7.076	77	105960	19.860	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	78495	18.789	ug/l	98
28) Bromochloromethane	7.429	49	41249	18.169	ug/l	96
29) Tetrahydrofuran	7.452	42	30316	79.341	ug/l	97
30) Chloroform	7.599	83	116319	19.120	ug/l	97
31) Cyclohexane	7.882	56	112585	18.945	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	104512	19.556	ug/l	96
36) 1,1-Dichloropropene	8.005	75	92142	20.700	ug/l	98
37) Ethyl Acetate	7.170	43	22654	16.825	ug/l #	78
38) Carbon Tetrachloride	7.994	117	92391	20.655	ug/l	99
39) Methylcyclohexane	9.276	83	118724	20.215	ug/l	94
40) Benzene	8.252	78	275982	20.023	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15547	17.676	ug/l	91
42) 1,2-Dichloroethane	8.329	62	56568	19.665	ug/l	98
43) Isopropyl Acetate	8.364	43	45528	17.239	ug/l	98
44) Trichloroethene	9.029	130	71496	20.519	ug/l	97
45) 1,2-Dichloropropane	9.305	63	59523	18.863	ug/l	98
46) Dibromomethane	9.393	93	29905	19.212	ug/l	97
47) Bromodichloromethane	9.582	83	80395	19.125	ug/l	99
48) Methyl methacrylate	9.382	41	23471	17.903	ug/l	94
49) 1,4-Dioxane	9.376	88	5103	351.691	ug/l #	90
51) 4-Methyl-2-Pentanone	10.158	43	105238	85.879	ug/l	98
52) Toluene	10.335	92	173386	19.892	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	69236	18.587	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	91696	19.086	ug/l	98
55) 1,1,2-Trichloroethane	10.735	97	37348	18.756	ug/l	98
56) Ethyl methacrylate	10.593	69	39191	17.057	ug/l	96
57) 1,3-Dichloropropane	10.876	76	63641	18.327	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	121517	94.258	ug/l	100
59) 2-Hexanone	10.917	43	72097	84.161	ug/l	98
60) Dibromochloromethane	11.076	129	48995	18.517	ug/l	95
61) 1,2-Dibromoethane	11.176	107	35686	18.632	ug/l	98
64) Tetrachloroethene	10.805	164	60080	20.727	ug/l	97
65) Chlorobenzene	11.605	112	181920	20.273	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.676	131	54914	19.567	ug/l	98
67) Ethyl Benzene	11.682	91	327400	20.130	ug/l	99
68) m/p-Xylenes	11.793	106	253039	40.680	ug/l	100
69) o-Xylene	12.117	106	113951	19.814	ug/l	98
70) Styrene	12.135	104	187278	19.731	ug/l	99
71) Bromoform	12.293	173	25713	19.613	ug/l #	98
73) Isopropylbenzene	12.417	105	315325	20.960	ug/l	99
74) N-amyl acetate	12.229	43	39436	16.911	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	34241	18.148	ug/l	99
76) 1,2,3-Trichloropropane	12.717	75	26507m	19.202	ug/l	
77) Bromobenzene	12.699	156	66265	20.751	ug/l	95
78) n-propylbenzene	12.758	91	381180	21.121	ug/l	100
79) 2-Chlorotoluene	12.846	91	203826	20.529	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	248183	20.869	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	12288	17.000	ug/l	92
82) 4-Chlorotoluene	12.946	91	204366	20.246	ug/l	100
83) tert-Butylbenzene	13.164	119	224770	21.019	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	241808	20.664	ug/l	99
85) sec-Butylbenzene	13.340	105	332495	21.002	ug/l	100
86) p-Isopropyltoluene	13.458	119	281346	21.430	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	129912	20.476	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	126047	20.317	ug/l	99
89) n-Butylbenzene	13.781	91	265698	21.223	ug/l	99
90) Hexachloroethane	14.052	117	53468	20.877	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	103475	19.734	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	4622	17.792	ug/l	98
93) 1,2,4-Trichlorobenzene	15.093	180	64695	19.980	ug/l	99
94) Hexachlorobutadiene	15.205	225	39284	21.788	ug/l	98
95) Naphthalene	15.328	128	97319	18.469	ug/l	96
96) 1,2,3-Trichlorobenzene	15.517	180	50228	19.148	ug/l	99

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

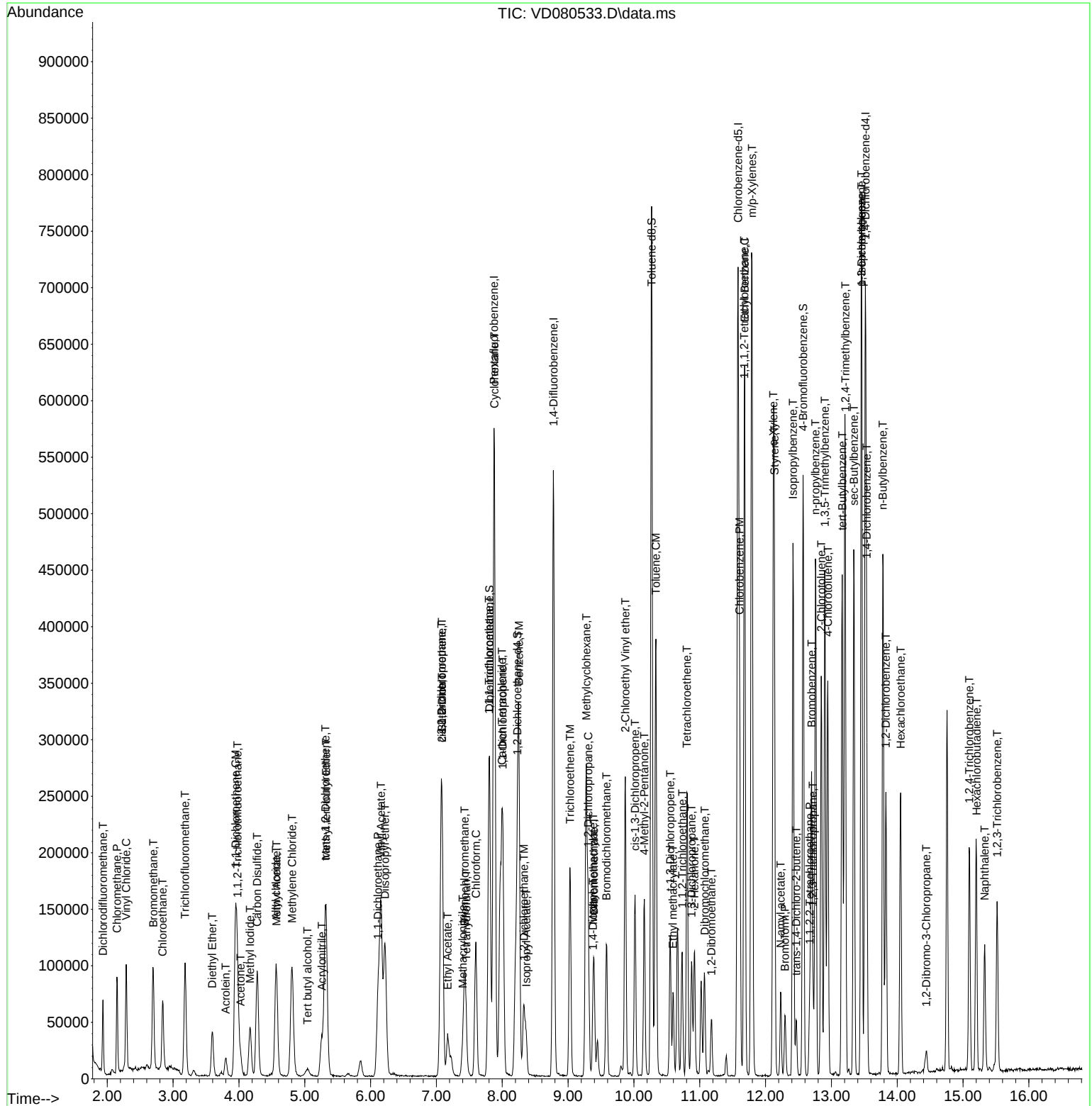
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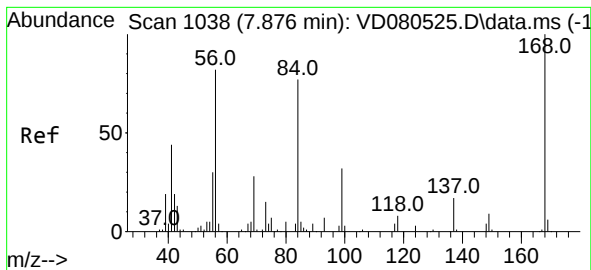
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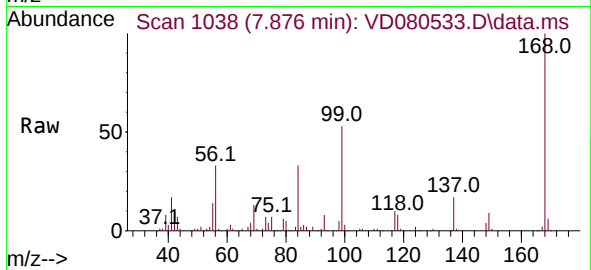
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

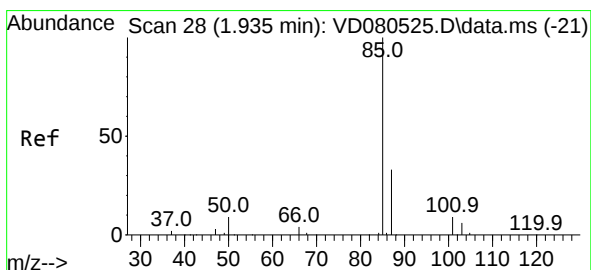
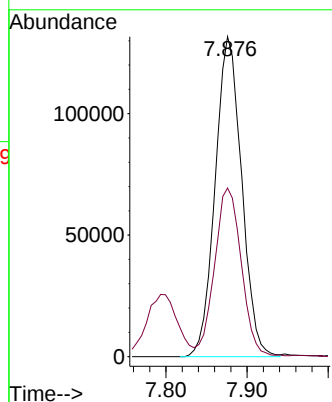
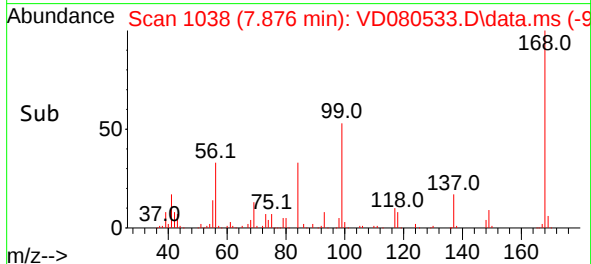
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MSVOA_D
ClientSampleId :
VD1118SBS01



Tgt Ion:168 Resp: 297980
Ion Ratio Lower Upper
168 100
99 52.2 42.5 63.7

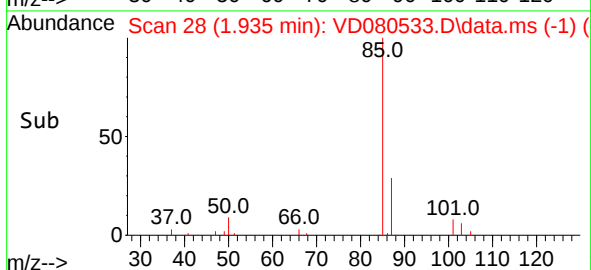
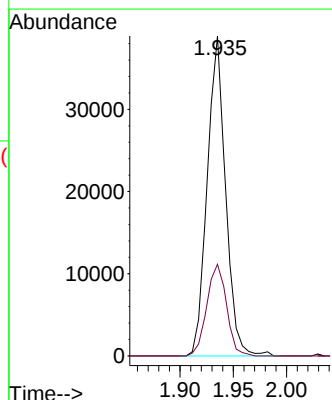
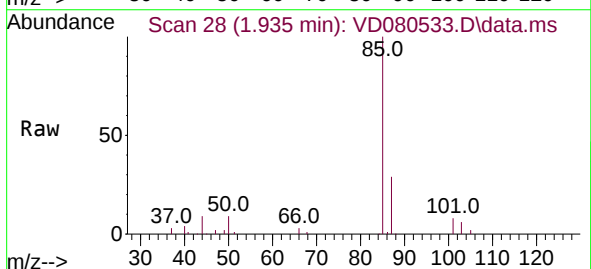
Manual Integrations
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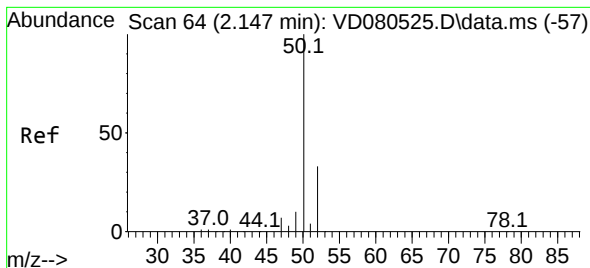
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#2
Dichlorodifluoromethane
Concen: 21.023 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

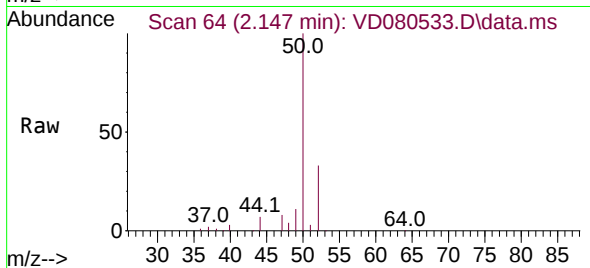
Tgt Ion: 85 Resp: 46687
Ion Ratio Lower Upper
85 100
87 28.6 16.5 49.5





#3
Chloromethane
Concen: 19.679 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

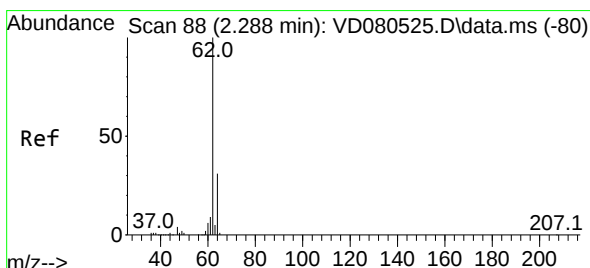
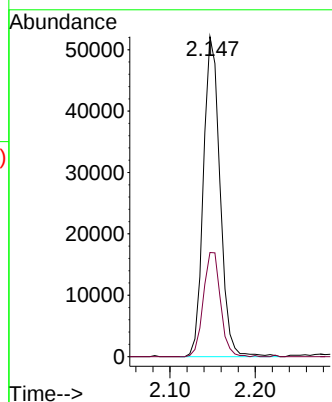
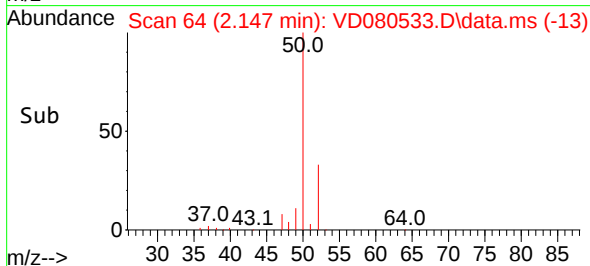
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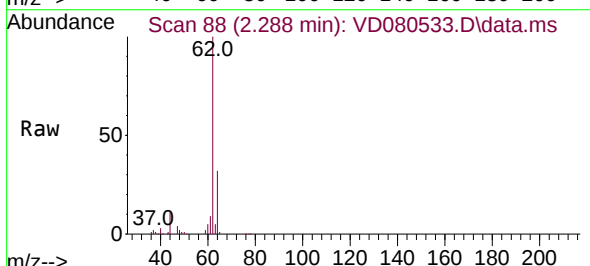
Tgt Ion: 50 Resp: 7055
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

Manual Integrations
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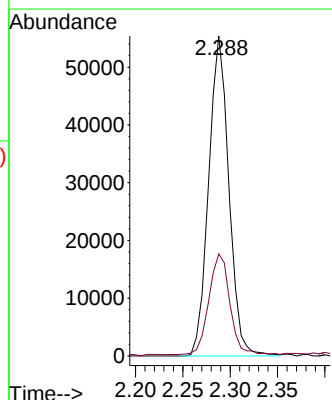
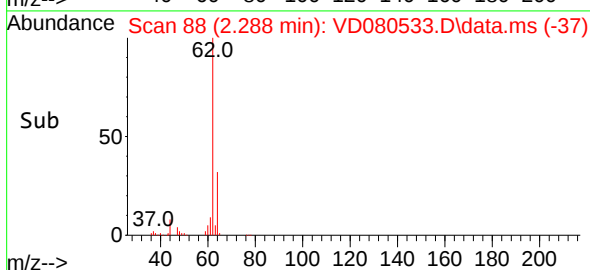
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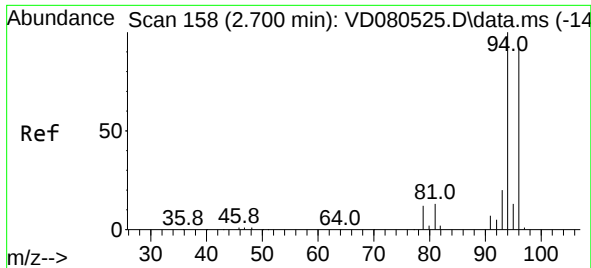


#4
Vinyl Chloride
Concen: 19.376 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04



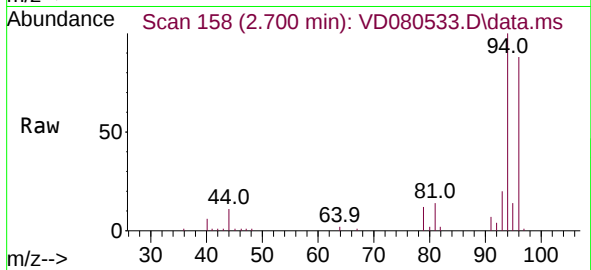
Tgt Ion: 62 Resp: 82307
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.6





#5
Bromomethane
Concen: 21.173 ug/l
RT: 2.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

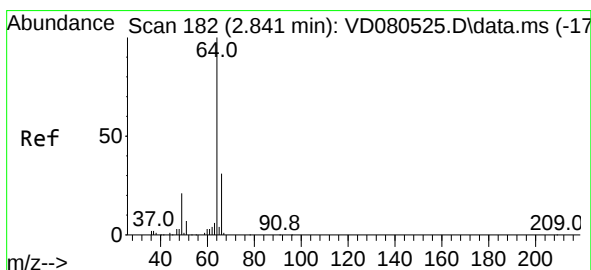
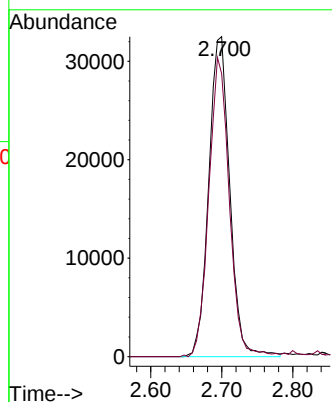
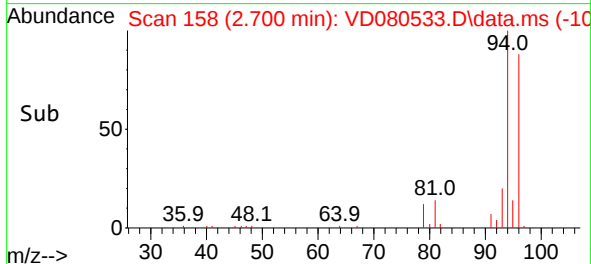
Instrument :
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Tgt Ion: 94 Resp: 66689
Ion Ratio Lower Upper
94 100
96 90.9 74.6 112.0

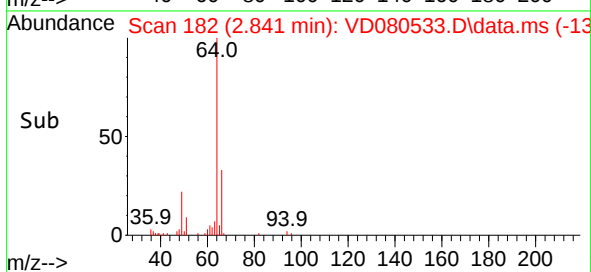
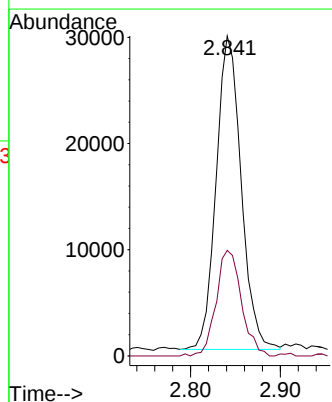
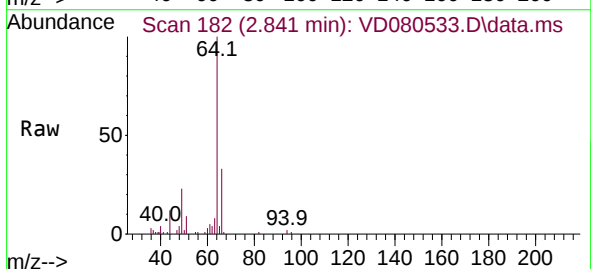
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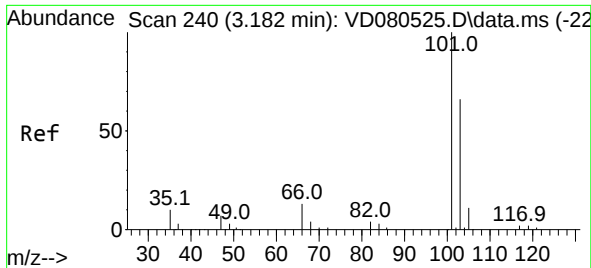
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#6
Chloroethane
Concen: 19.668 ug/l
RT: 2.841 min Scan# 182
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion: 64 Resp: 57353
Ion Ratio Lower Upper
64 100
66 33.7 25.0 37.6





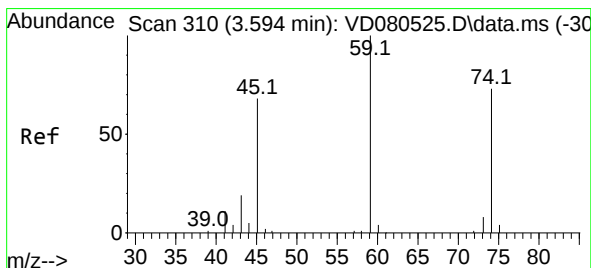
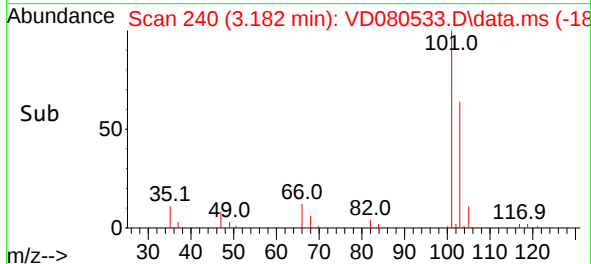
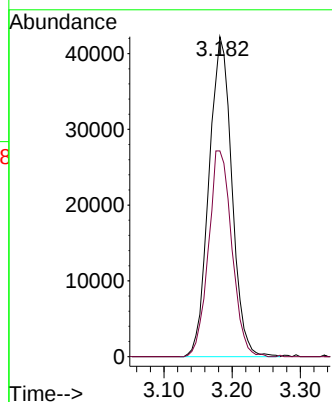
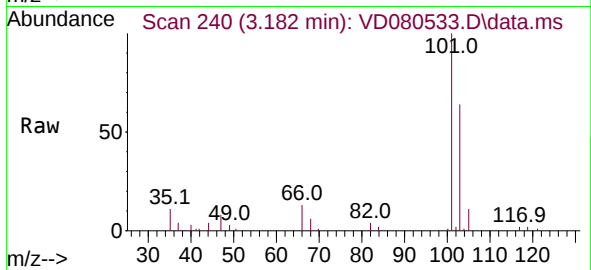
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 Trichlorofluoromethane
 Concen: 20.298 ug/l
 RT: 3.182 min Scan# 240
 Delta R.T. -0.000 min
 Lab File: VD080533.D
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Instrument :
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Tgt Ion:101 Resp: 9812
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.6 78.8

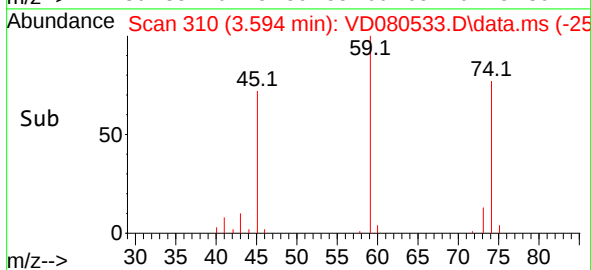
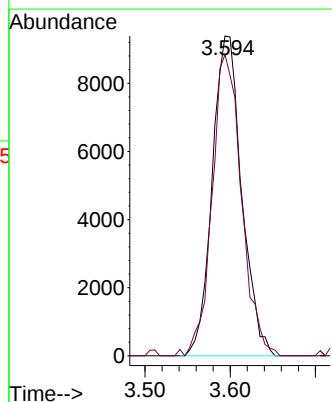
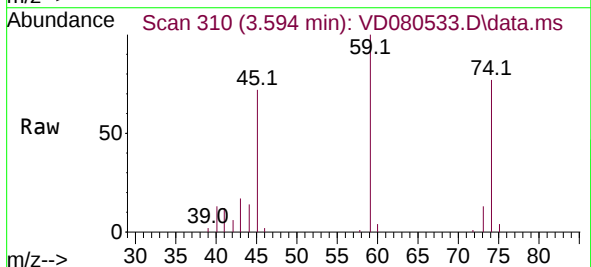
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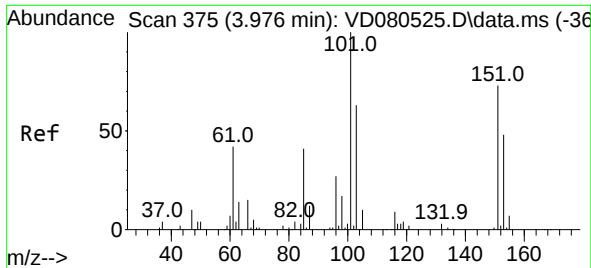
Reviewed By :Amit Patel 11/19/2025
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#8
 Diethyl Ether
 Concen: 16.914 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VD080533.D
 Acq: 18 Nov 2025 11:04

Tgt Ion: 74 Resp: 22534
 Ion Ratio Lower Upper
 74 100
 45 94.0 46.9 140.7





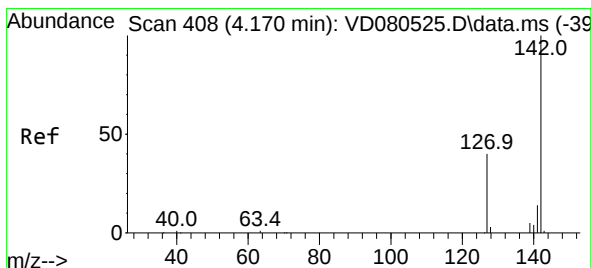
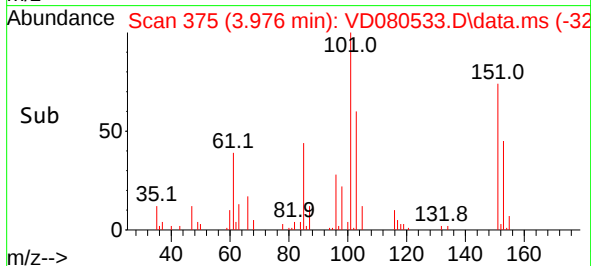
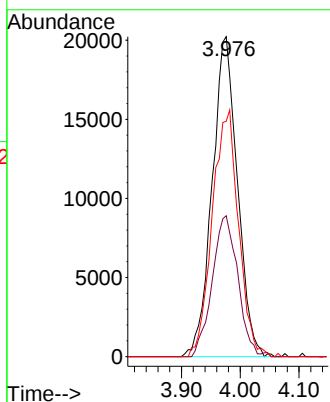
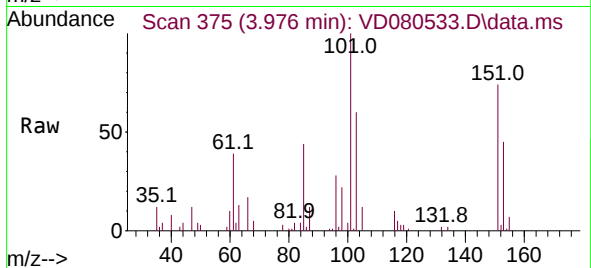
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.791 ug/l
RT: 3.976 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion:101 Resp: 60463
Ion Ratio Lower Upper
101 100
85 44.4 33.8 50.6
151 79.8 59.6 89.4

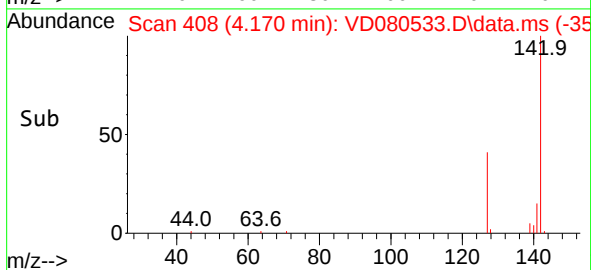
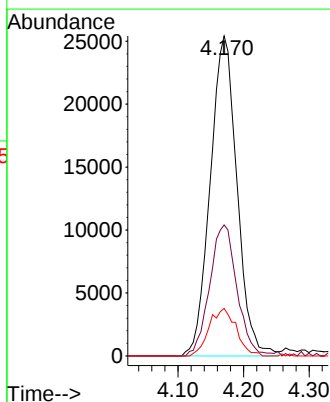
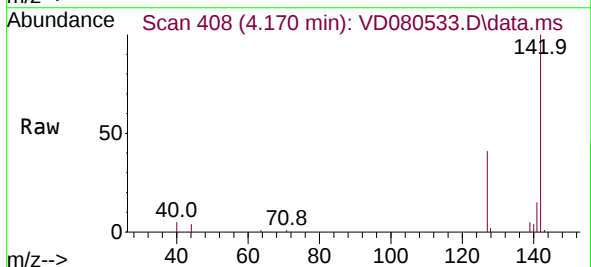
Manual Integrations
APPROVED

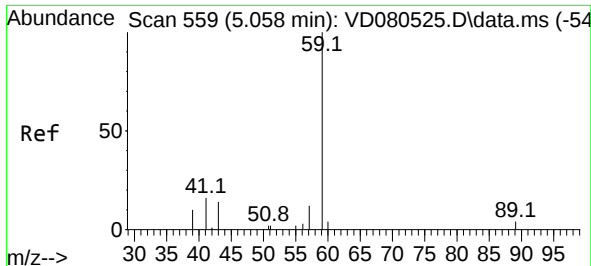
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#10
Methyl Iodide
Concen: 18.374 ug/l
RT: 4.170 min Scan# 408
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion:142 Resp: 72178
Ion Ratio Lower Upper
142 100
127 41.9 32.6 49.0
141 15.0 11.4 17.2





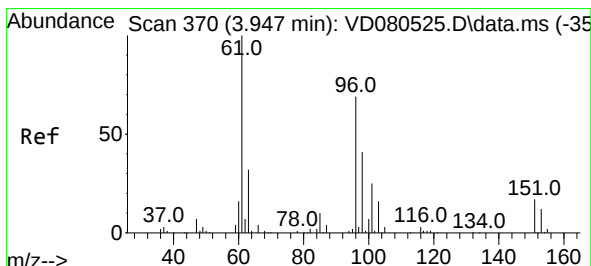
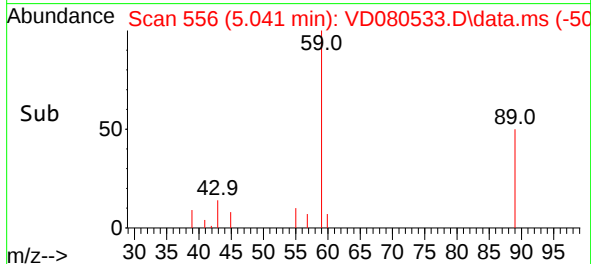
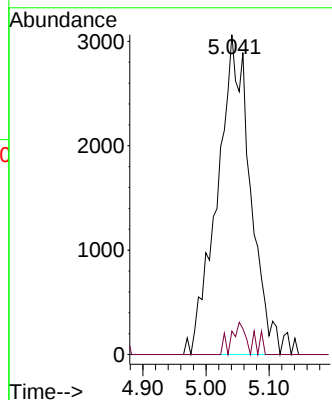
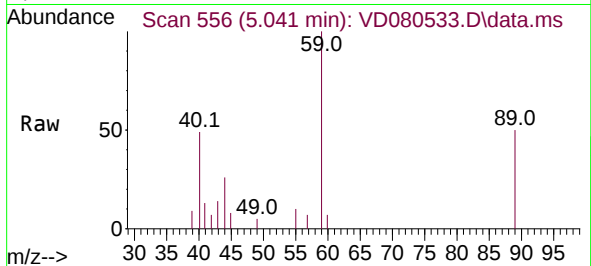
#11
Tert butyl alcohol
Concen: 95.414 ug/l
RT: 5.041 min Scan# 511
Delta R.T. -0.018 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 59 Resp: 11118
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7

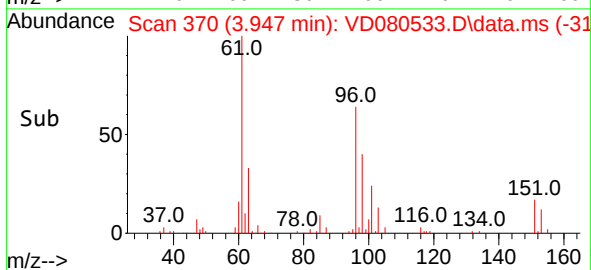
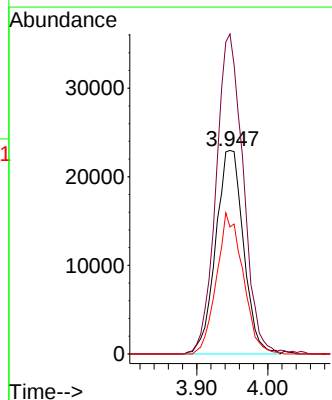
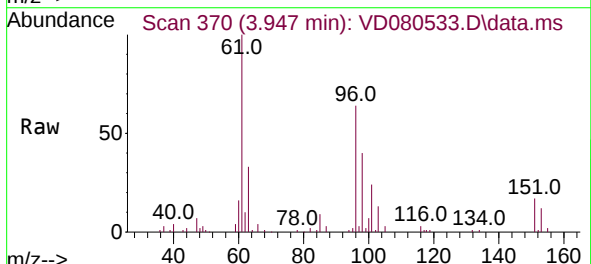
Manual Integrations
APPROVED

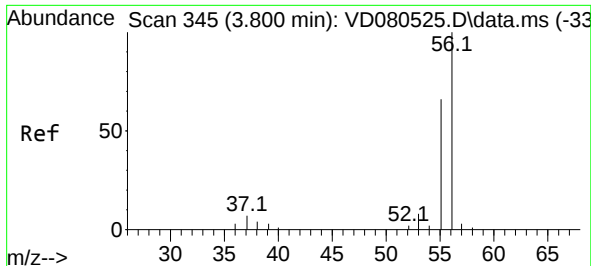
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#12
1,1-Dichloroethene
Concen: 19.404 ug/l
RT: 3.947 min Scan# 370
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

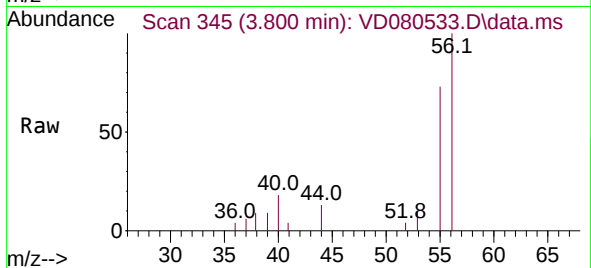
Tgt Ion: 96 Resp: 62391
Ion Ratio Lower Upper
96 100
61 157.3 116.2 174.2
98 62.4 47.6 71.4





#13
Acrolein
Concen: 92.903 ug/l
RT: 3.800 min Scan# 345
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

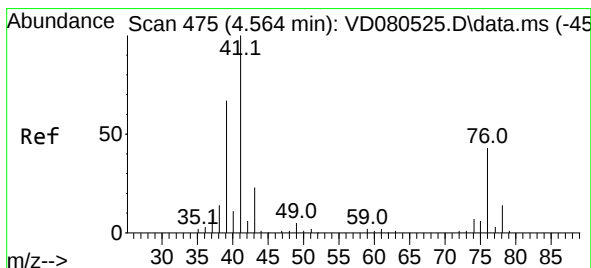
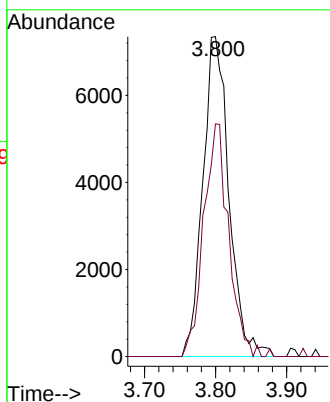
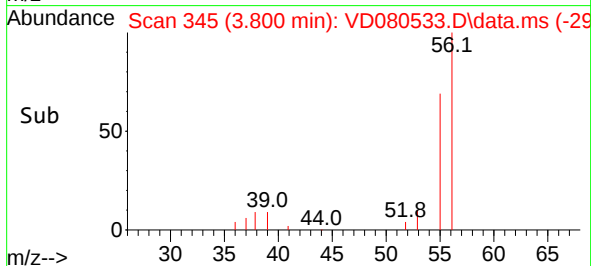
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



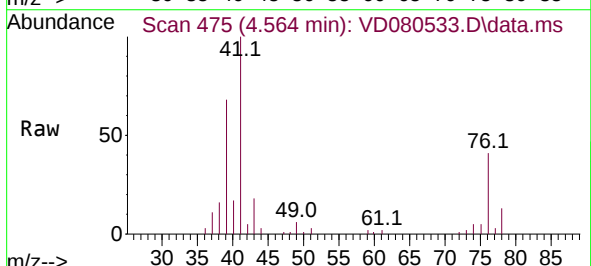
Tgt Ion: 56 Resp: 18832
Ion Ratio Lower Upper
56 100
55 69.2 57.2 85.8

Manual Integrations
APPROVED

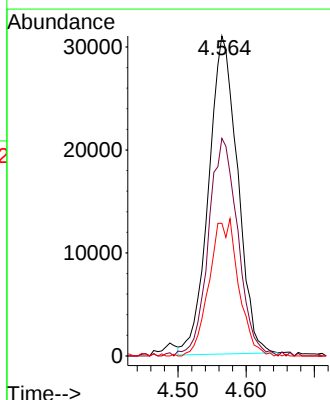
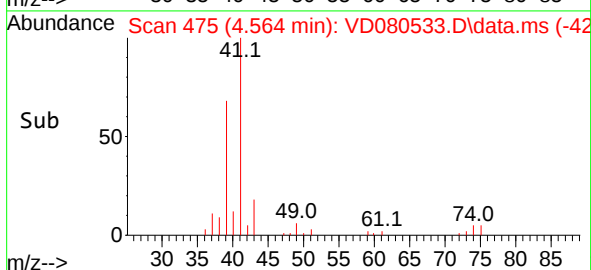
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

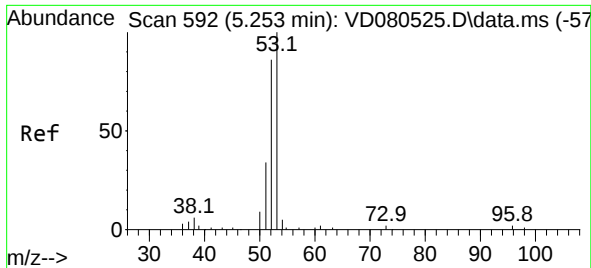


#14
Allyl chloride
Concen: 18.115 ug/l
RT: 4.564 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04



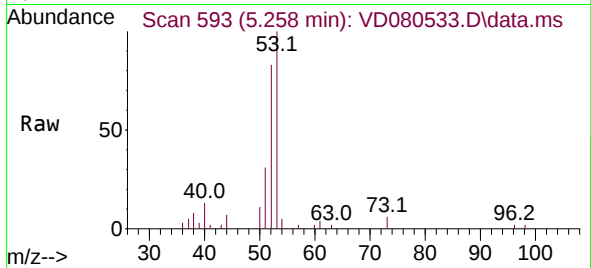
Tgt Ion: 41 Resp: 90959
Ion Ratio Lower Upper
41 100
39 69.5 51.4 77.2
76 43.6 32.6 48.8





#15
Acrylonitrile
Concen: 79.944 ug/l
RT: 5.258 min Scan# 592
Delta R.T. 0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

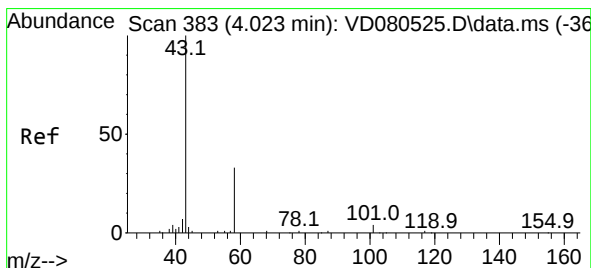
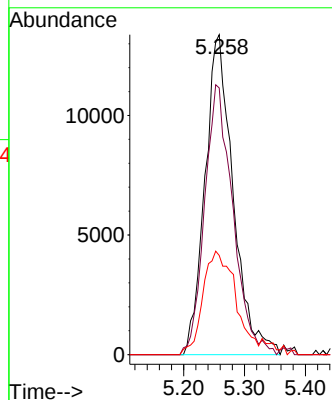
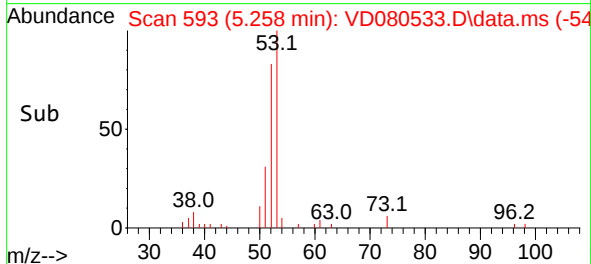
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



Tgt Ion: 53 Resp: 42990
Ion Ratio Lower Upper
53 100
52 84.4 64.9 97.3
51 37.4 28.8 43.2

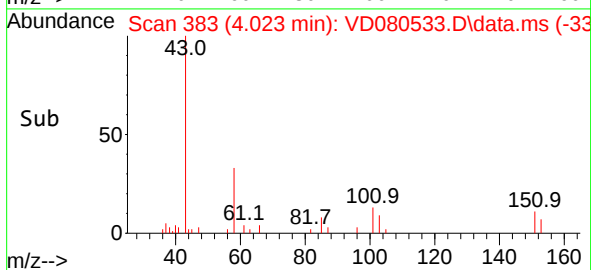
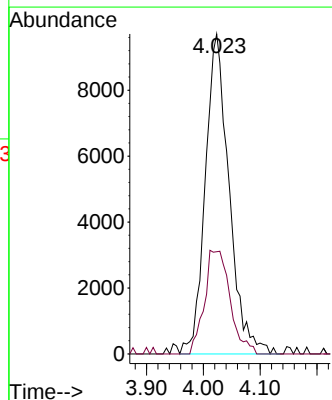
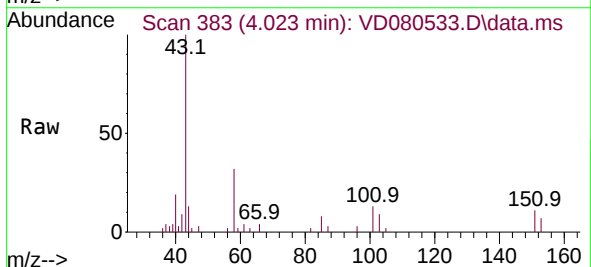
Manual Integrations
APPROVED

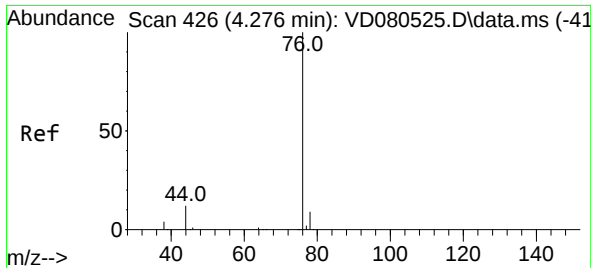
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#16
Acetone
Concen: 77.259 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

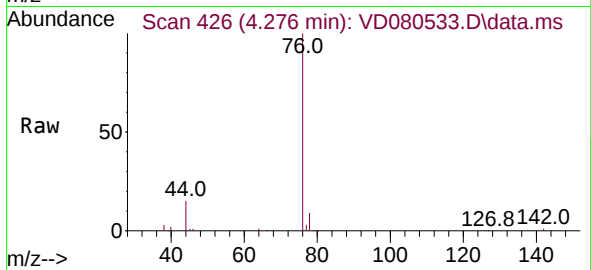
Tgt Ion: 43 Resp: 28260
Ion Ratio Lower Upper
43 100
58 31.9 26.6 40.0





#17
Carbon Disulfide
Concen: 19.108 ug/l
RT: 4.276 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

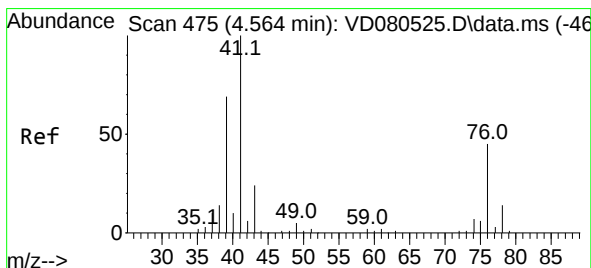
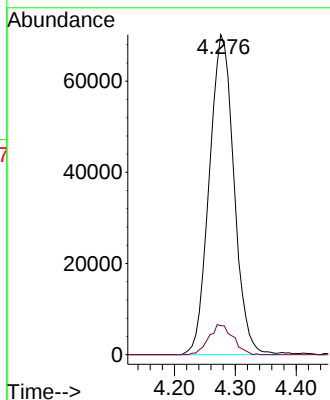
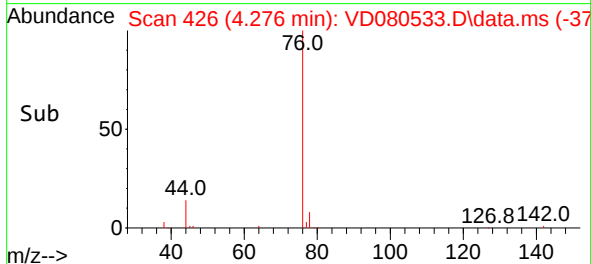
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



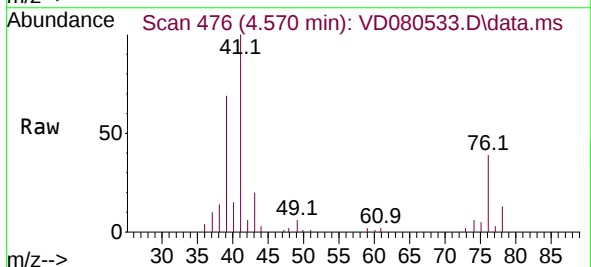
Tgt Ion: 76 Resp: 197700
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

Manual Integrations
APPROVED

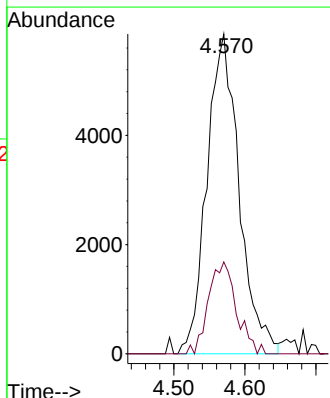
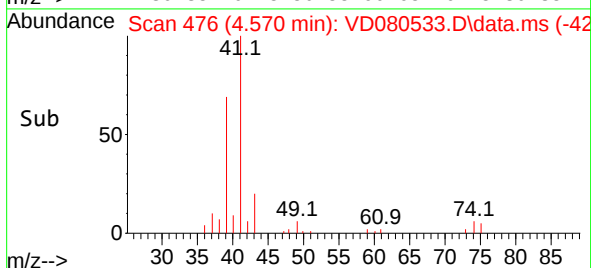
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

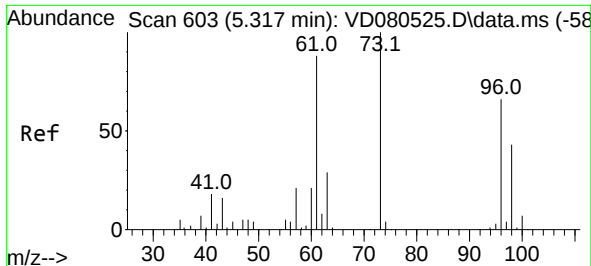


#18
Methyl Acetate
Concen: 16.403 ug/l
RT: 4.570 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04



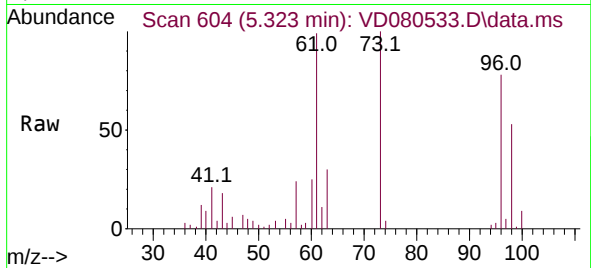
Tgt Ion: 43 Resp: 18452
Ion Ratio Lower Upper
43 100
74 24.9 21.7 32.5





#19
Methyl tert-butyl Ether
Concen: 17.486 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

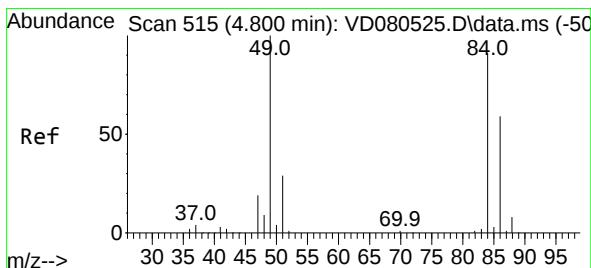
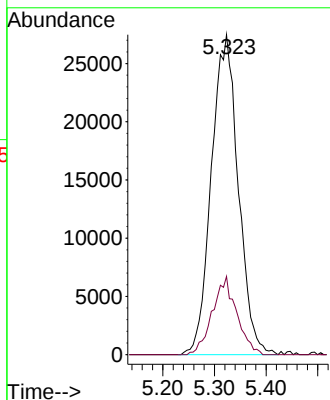
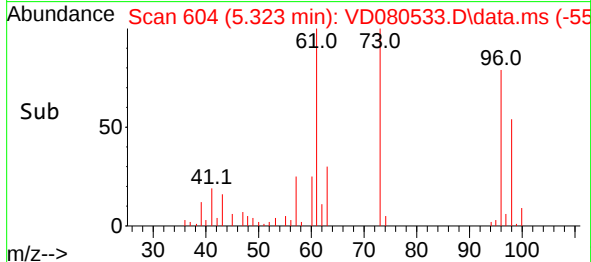
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



Tgt Ion: 73 Resp: 9967
Ion Ratio Lower Upper
73 100
57 24.4 17.1 25.7

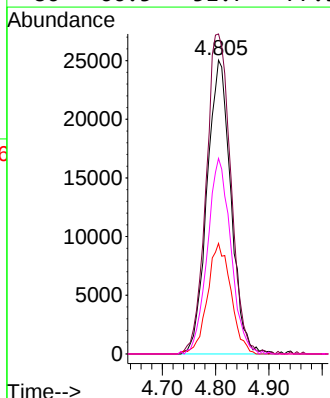
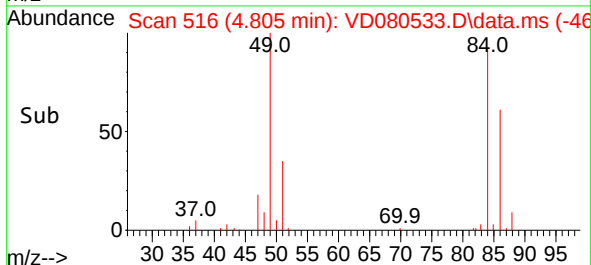
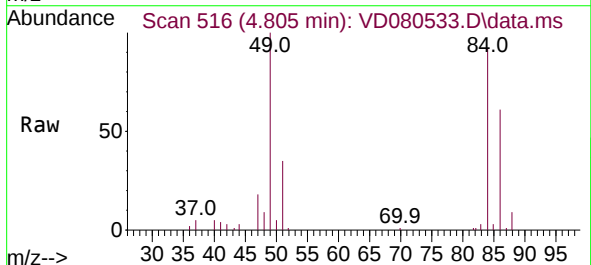
Manual Integrations
APPROVED

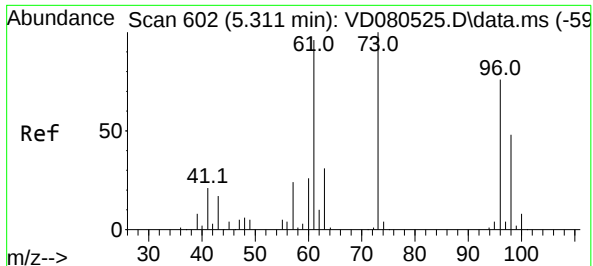
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#20
Methylene Chloride
Concen: 21.072 ug/l
RT: 4.805 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion: 84 Resp: 77810
Ion Ratio Lower Upper
84 100
49 108.9 87.9 131.9
51 37.6 25.4 38.2
86 66.5 51.7 77.5





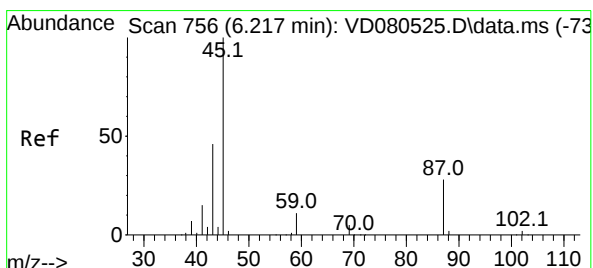
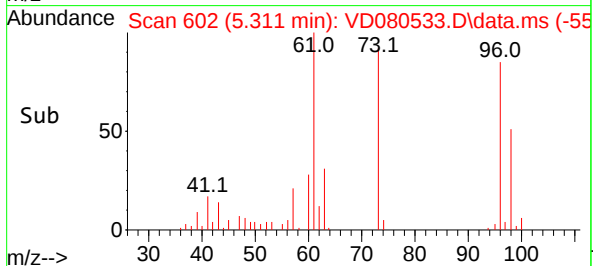
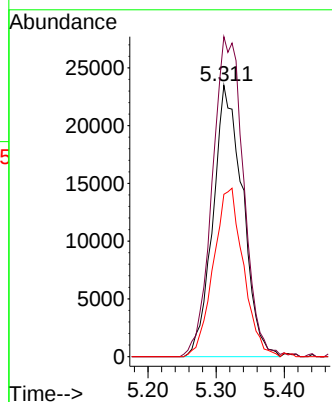
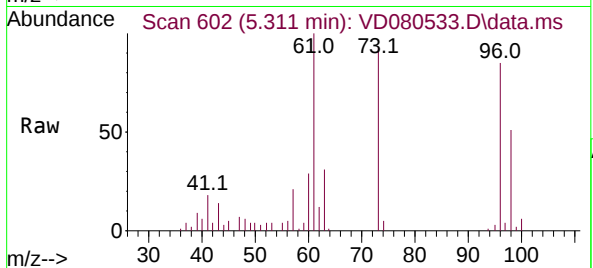
#21
trans-1,2-Dichloroethene
Concen: 19.756 ug/l
RT: 5.311 min Scan# 602
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 96 Resp: 70838
Ion Ratio Lower Upper
96 100
61 117.9 102.0 153.0
98 59.8 50.5 75.7

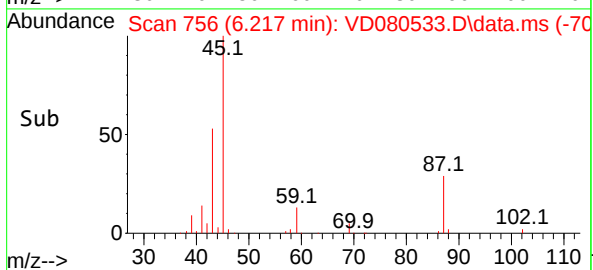
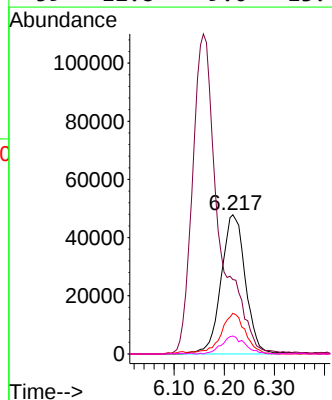
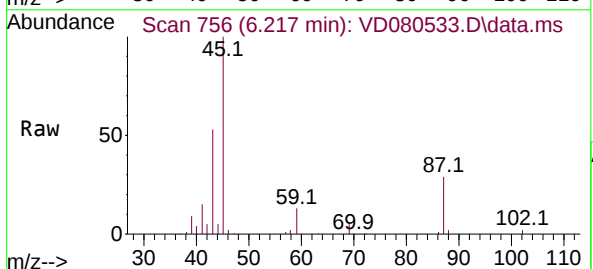
Manual Integrations
APPROVED

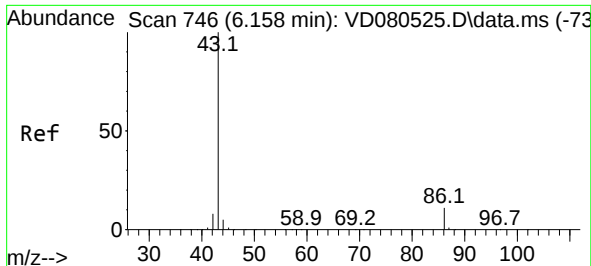
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#22
Diisopropyl ether
Concen: 17.663 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion: 45 Resp: 160267
Ion Ratio Lower Upper
45 100
43 52.2 40.6 60.8
87 29.1 23.0 34.6
59 12.8 9.0 13.4





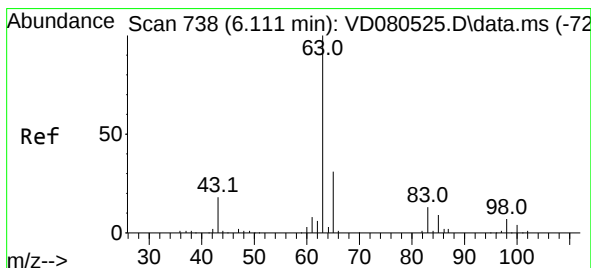
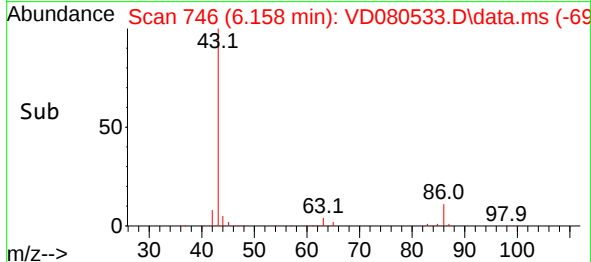
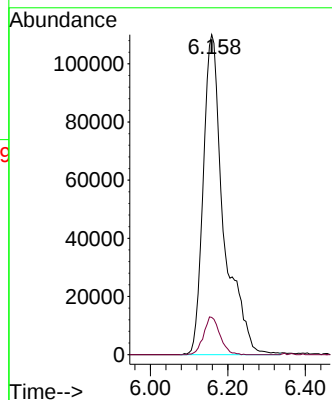
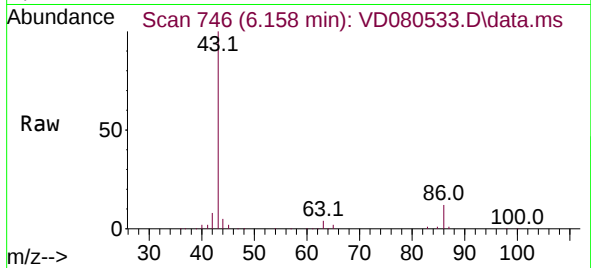
#23
 Vinyl Acetate
 Concen: 85.554 ug/l
 RT: 6.158 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD080533.D
 Acq: 18 Nov 2025 11:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBS01

Tgt Ion: 43 Resp: 404236
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.1 13.7

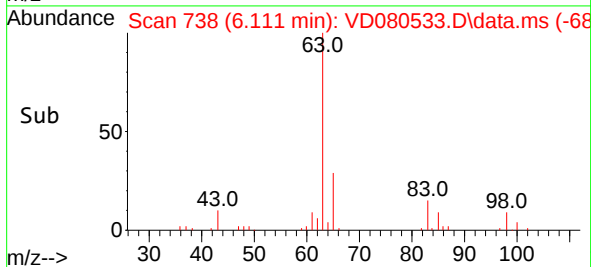
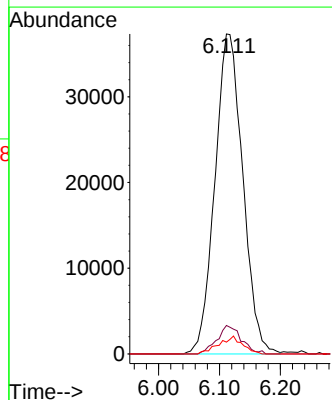
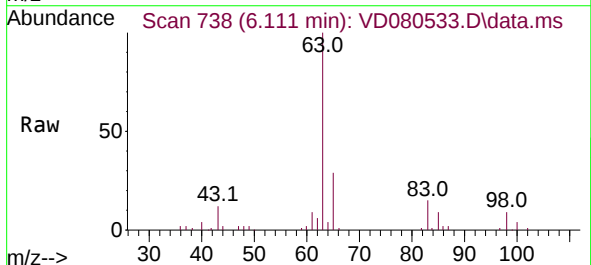
Manual Integrations
 APPROVED

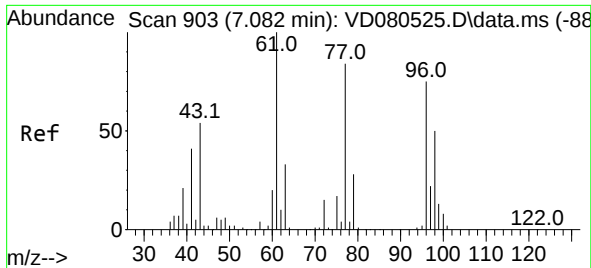
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#24
 1,1-Dichloroethane
 Concen: 19.141 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD080533.D
 Acq: 18 Nov 2025 11:04

Tgt Ion: 63 Resp: 118748
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.5 10.4
 100 3.7 2.0 6.0





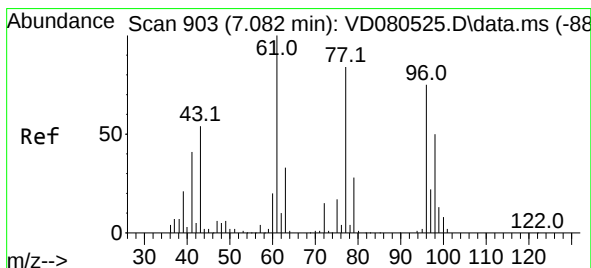
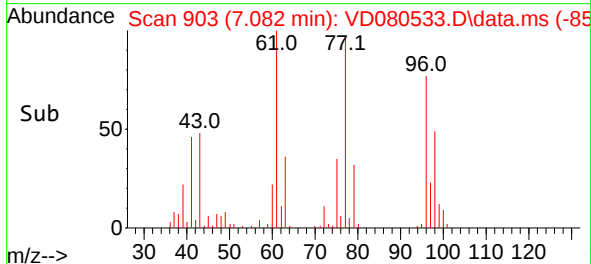
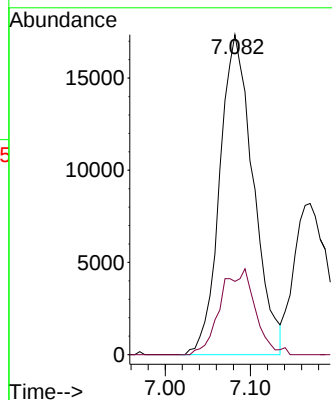
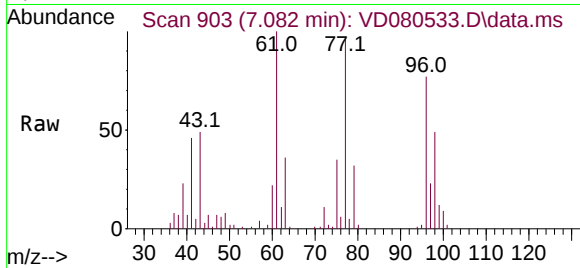
#25
2-Butanone
Concen: 82.682 ug/l
RT: 7.082 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 43 Resp: 4742
Ion Ratio Lower Upper
43 100
72 22.9 22.6 34.0

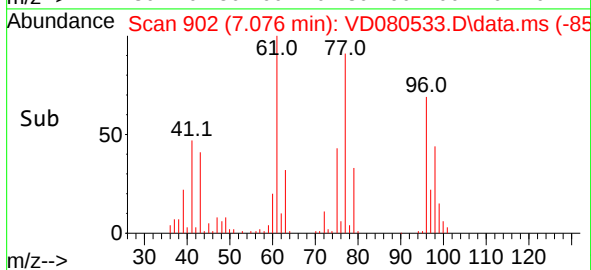
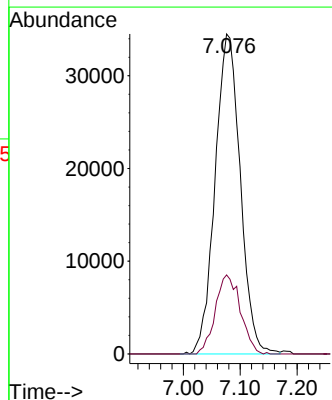
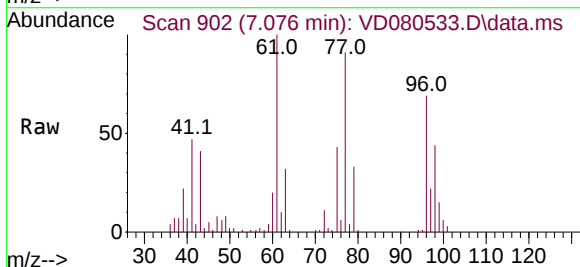
Manual Integrations
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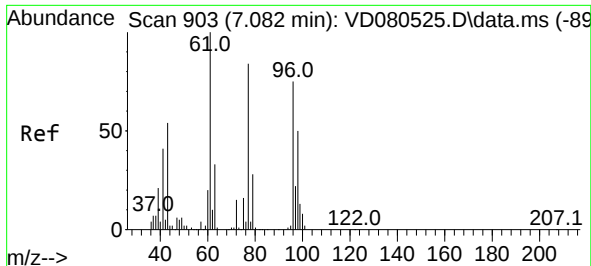
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#26
2,2-Dichloropropane
Concen: 19.860 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

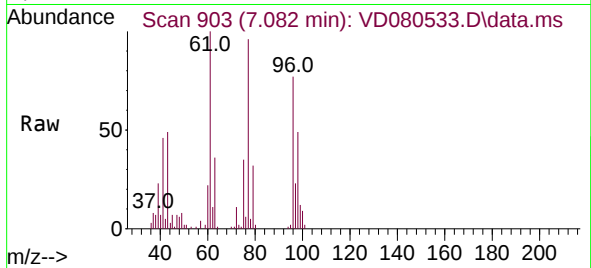
Tgt Ion: 77 Resp: 105960
Ion Ratio Lower Upper
77 100
97 24.5 12.4 37.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.789 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VD080533.D
 Acq: 18 Nov 2025 11:04

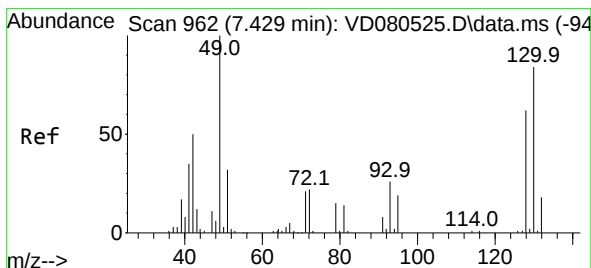
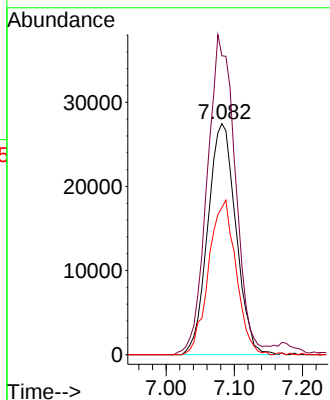
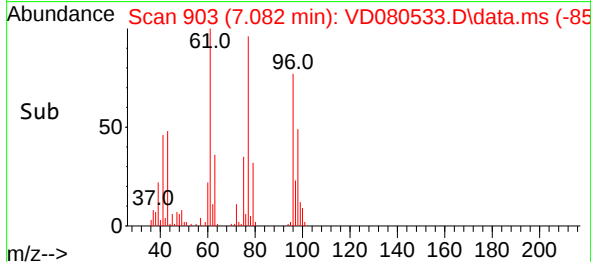
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBS01



Tgt Ion: 96 Resp: 78495
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 271.8
 98 65.0 0.0 130.6

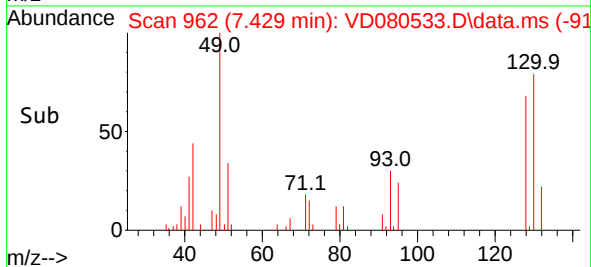
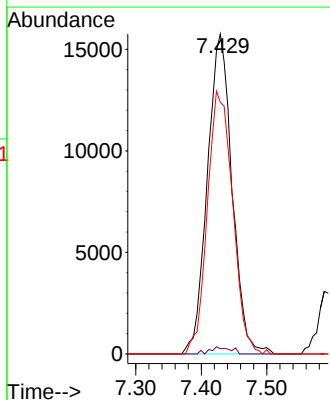
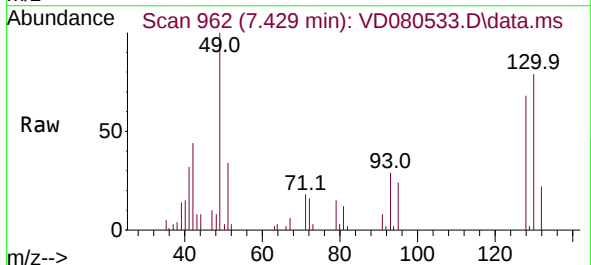
Manual Integrations
 APPROVED

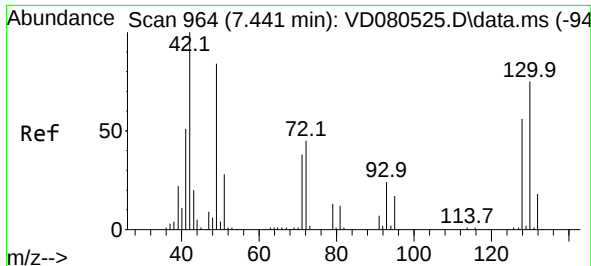
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#28
 Bromochloromethane
 Concen: 18.169 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. -0.000 min
 Lab File: VD080533.D
 Acq: 18 Nov 2025 11:04

Tgt Ion: 49 Resp: 41249
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.4
 130 84.0 64.3 96.5





#29

Tetrahydrofuran

Concen: 79.341 ug/l

RT: 7.452 min Scan# 90

Delta R.T. 0.012 min

Lab File: VD080533.D

Acq: 18 Nov 2025 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

Tgt Ion: 42 Resp: 30316

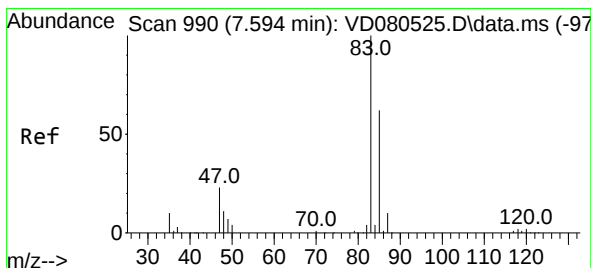
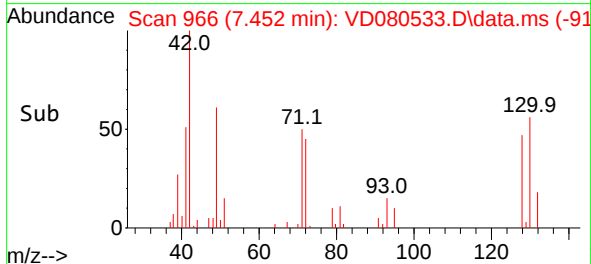
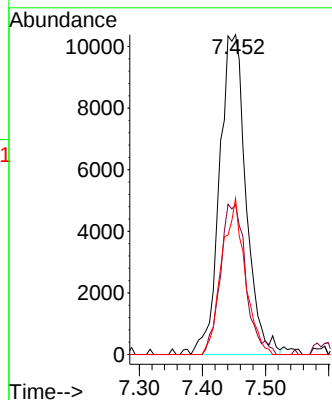
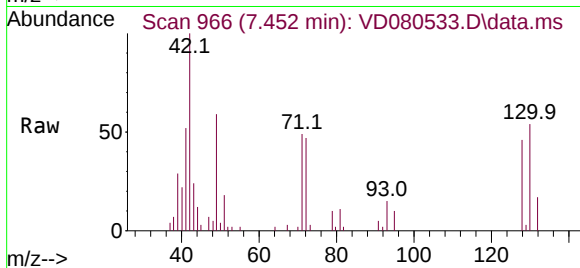
Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.4	53.2
71	43.0	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#30

Chloroform

Concen: 19.120 ug/l

RT: 7.599 min Scan# 991

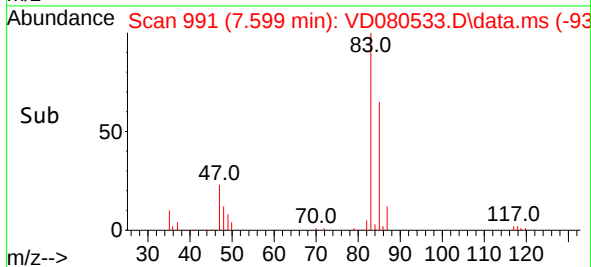
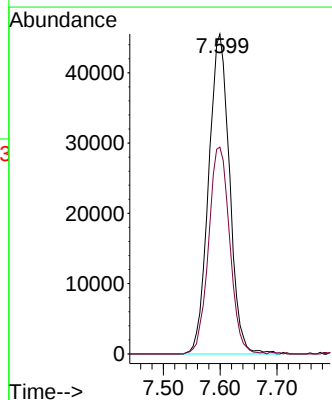
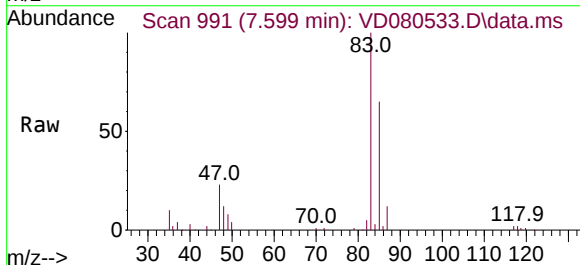
Delta R.T. 0.006 min

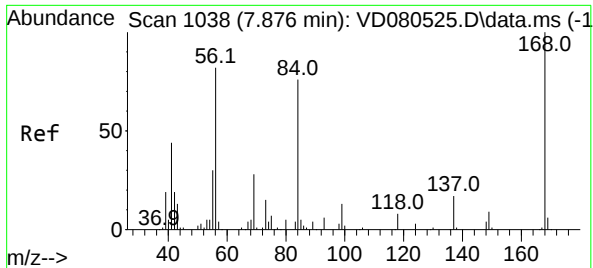
Lab File: VD080533.D

Acq: 18 Nov 2025 11:04

Tgt Ion: 83 Resp: 116319

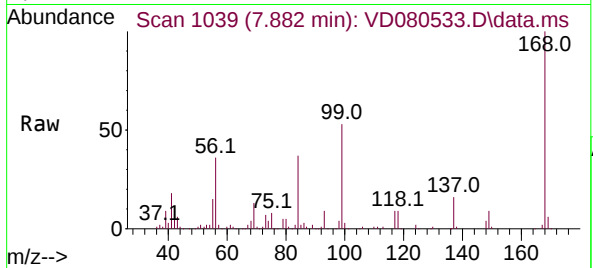
Ion	Ratio	Lower	Upper
83	100		
85	64.6	49.8	74.8





#31
Cyclohexane
Concen: 18.945 ug/l
RT: 7.882 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

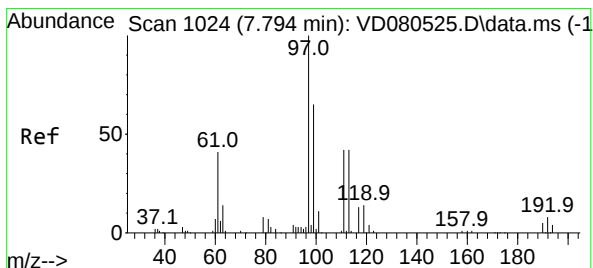
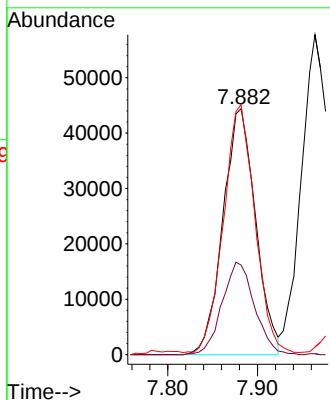
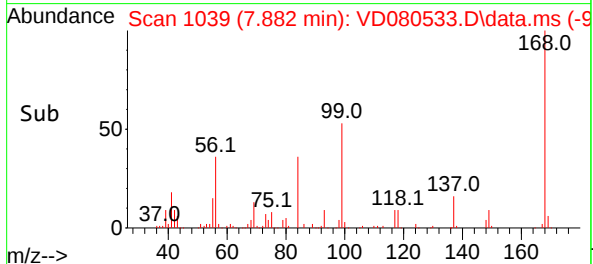
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



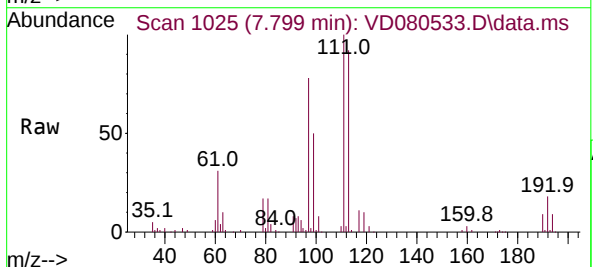
Tgt Ion: 56 Resp: 112585
Ion Ratio Lower Upper
56 100
69 35.9 27.6 41.4
84 100.5 74.6 111.8

Manual Integrations
APPROVED

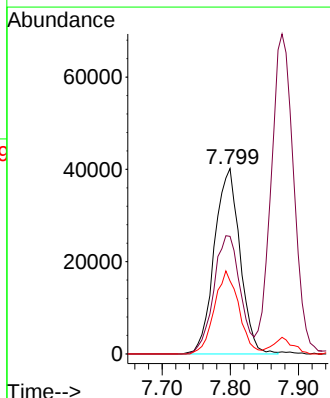
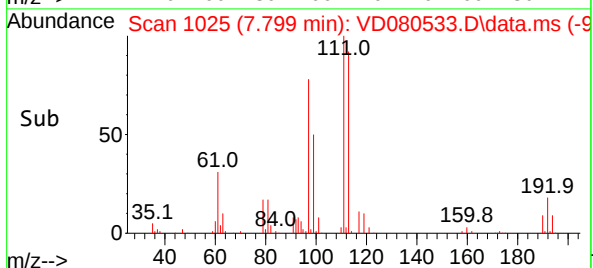
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

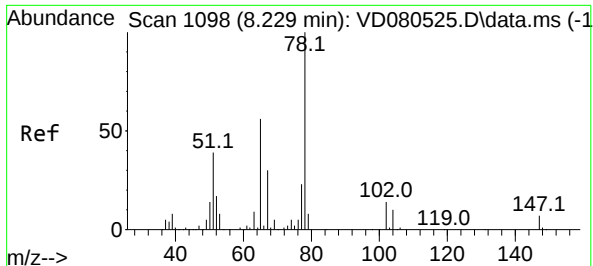


#32
1,1,1-Trichloroethane
Concen: 19.556 ug/l
RT: 7.799 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04



Tgt Ion: 97 Resp: 104512
Ion Ratio Lower Upper
97 100
99 66.0 50.4 75.6
61 42.8 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 43.814 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VD080533.D

Acq: 18 Nov 2025 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

Tgt Ion: 65 Resp: 109622

Ion Ratio Lower Upper

65 100

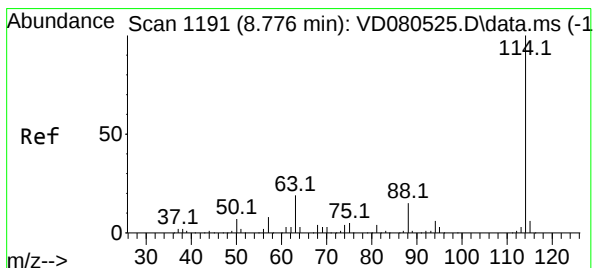
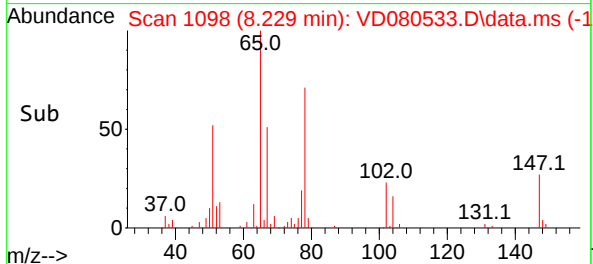
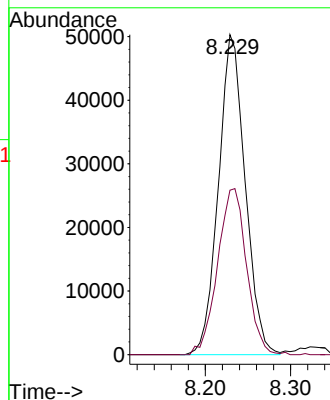
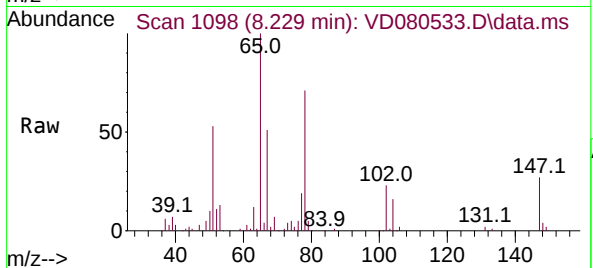
67 56.1 0.0 109.6

Manual Integrations

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Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VD080533.D

Acq: 18 Nov 2025 11:04

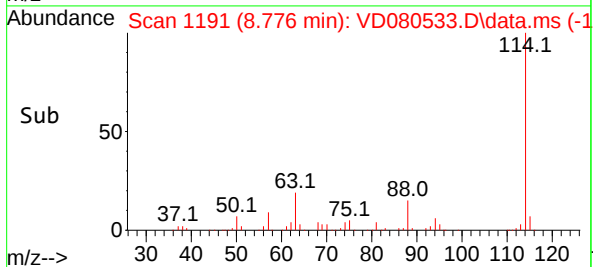
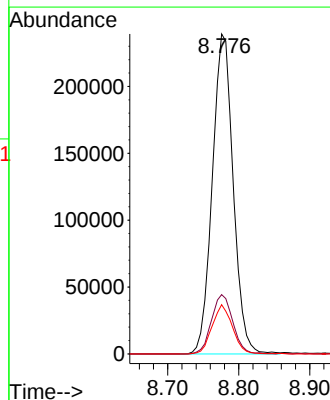
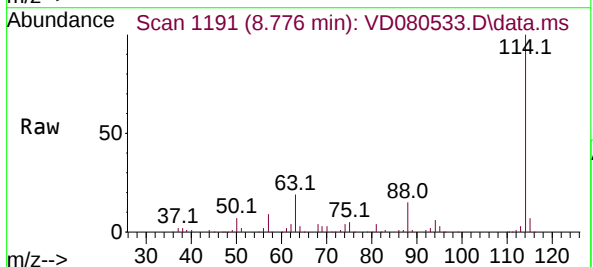
Tgt Ion:114 Resp: 489109

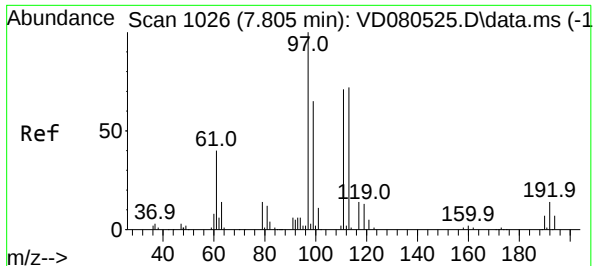
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.2

88 15.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 46.444 ug/l

RT: 7.805 min Scan# 10

Delta R.T. -0.000 min

Lab File: VD080533.D

Acq: 18 Nov 2025 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

Tgt Ion: 113 Resp: 133734

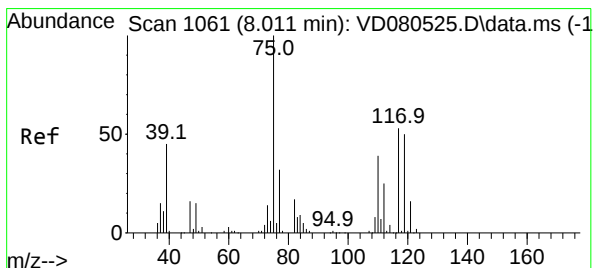
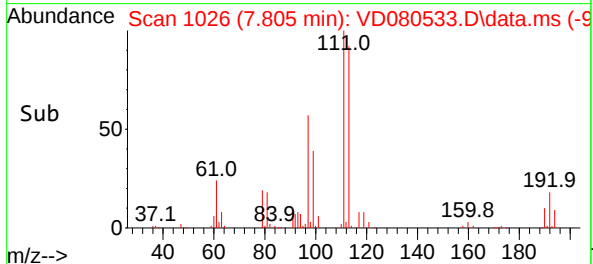
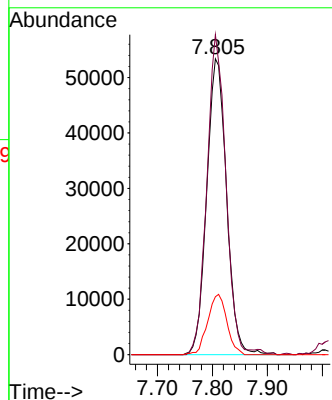
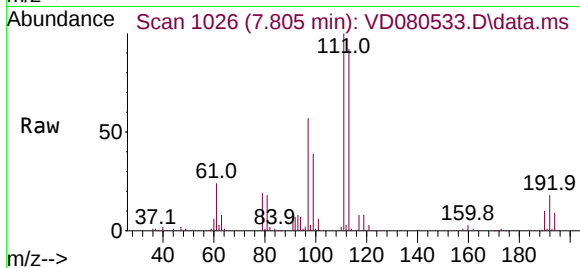
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	19.7	16.0	24.0

Manual Integrations

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Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#36

1,1-Dichloropropene

Concen: 20.700 ug/l

RT: 8.005 min Scan# 1060

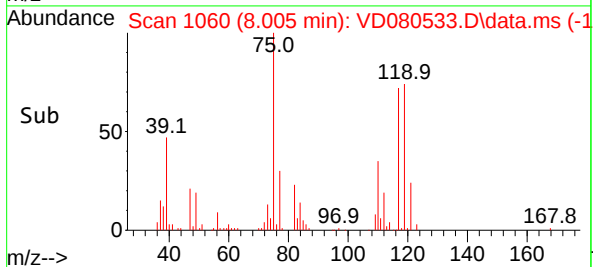
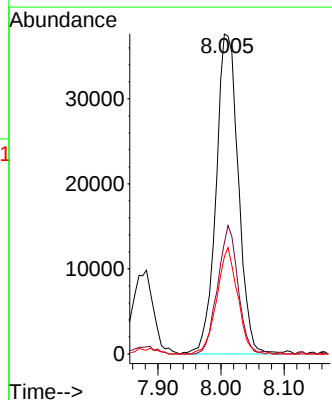
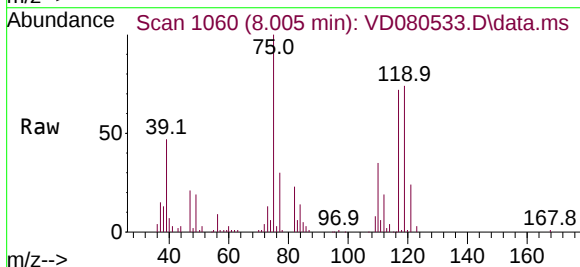
Delta R.T. -0.006 min

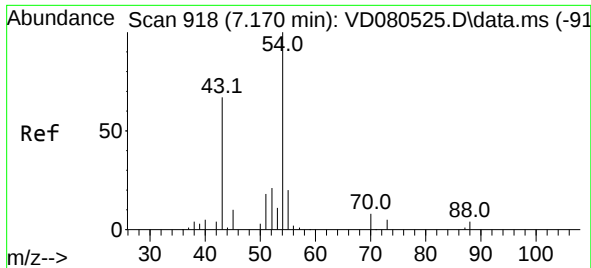
Lab File: VD080533.D

Acq: 18 Nov 2025 11:04

Tgt Ion: 75 Resp: 92142

Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.9	56.5
77	31.0	25.8	38.8





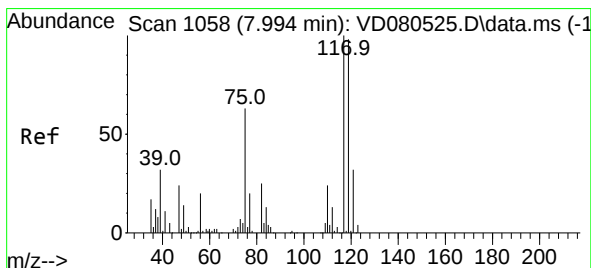
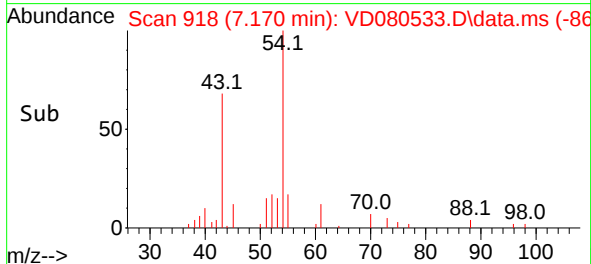
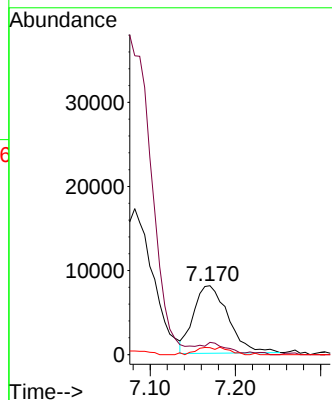
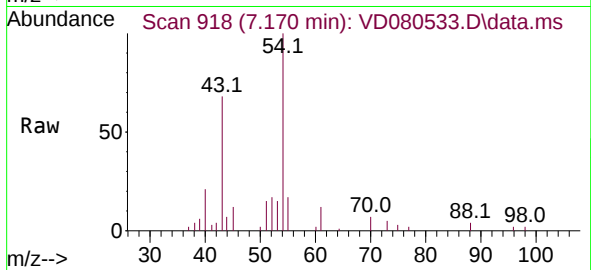
#37
Ethyl Acetate
Concen: 16.825 ug/l
RT: 7.170 min Scan# 918
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 43 Resp: 22654
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9
70 9.9 8.2 12.2

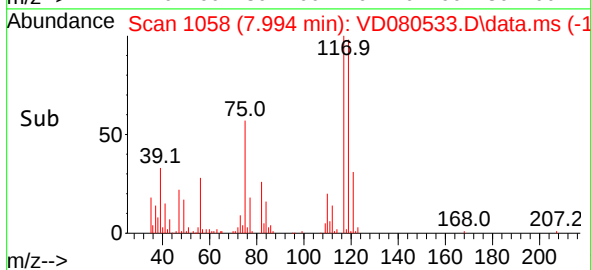
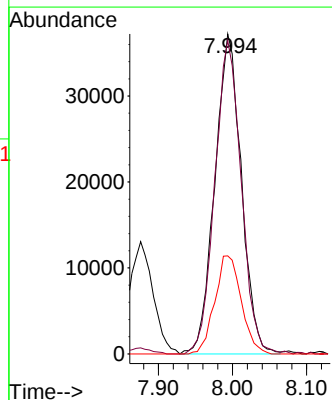
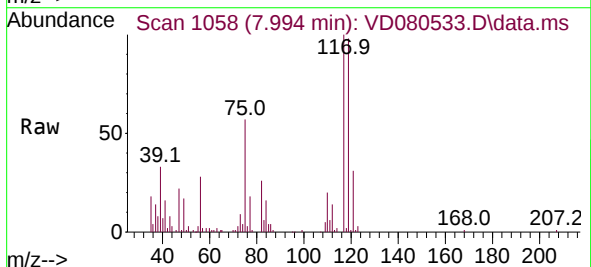
Manual Integrations
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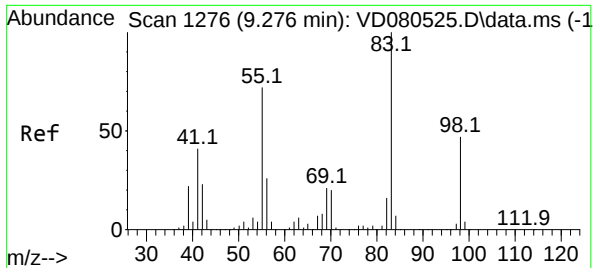
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#38
Carbon Tetrachloride
Concen: 20.655 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

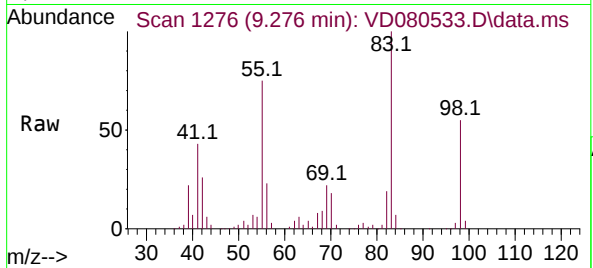
Tgt Ion:117 Resp: 92391
Ion Ratio Lower Upper
117 100
119 97.9 78.2 117.4
121 30.6 25.8 38.6





#39
Methylcyclohexane
Concen: 20.215 ug/l
RT: 9.276 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

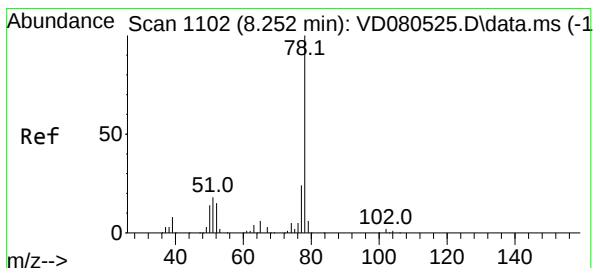
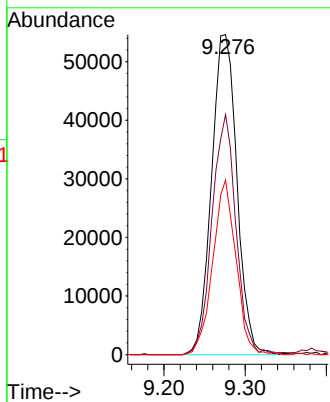
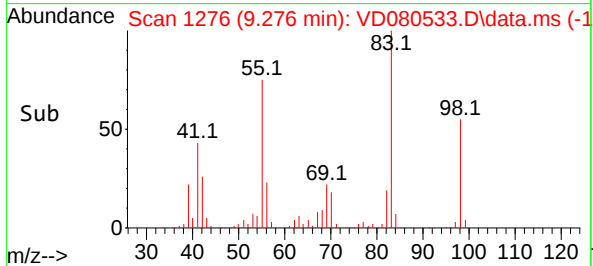
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



Tgt Ion: 83 Resp: 118724
Ion Ratio Lower Upper
83 100
55 75.0 57.8 86.8
98 54.6 37.8 56.8

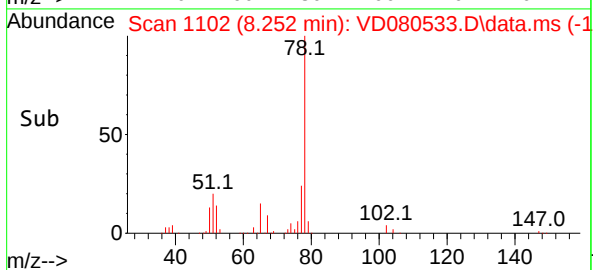
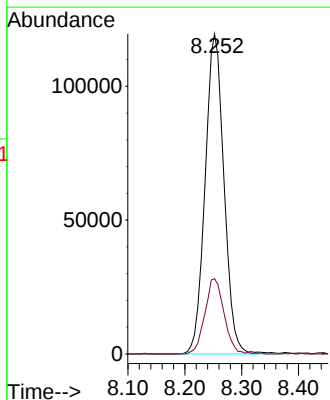
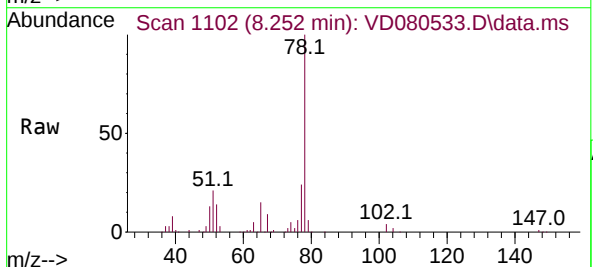
Manual Integrations
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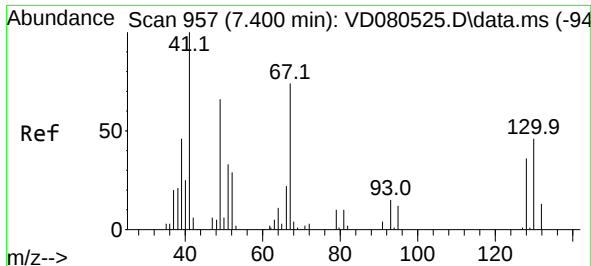
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#40
Benzene
Concen: 20.023 ug/l
RT: 8.252 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

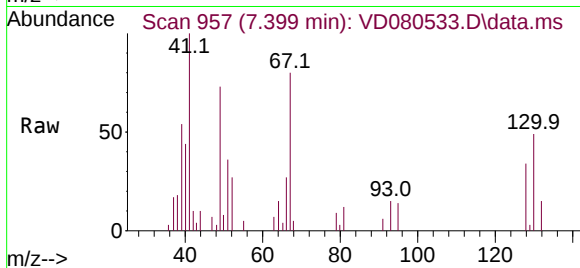
Tgt Ion: 78 Resp: 275982
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 17.676 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

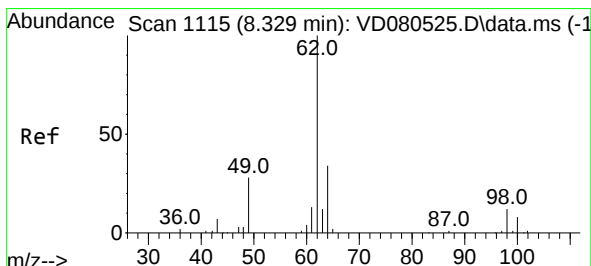
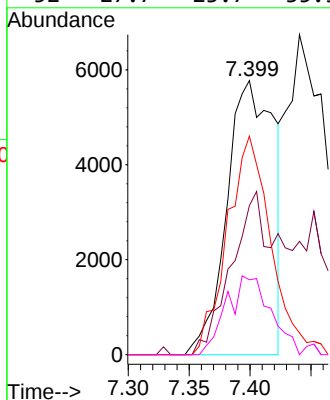
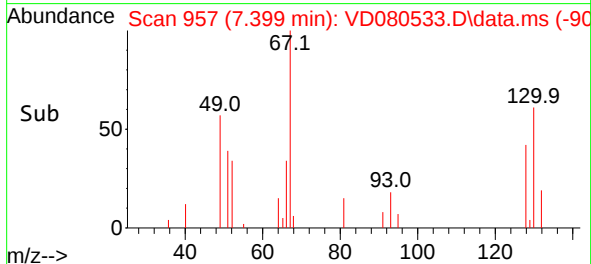
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



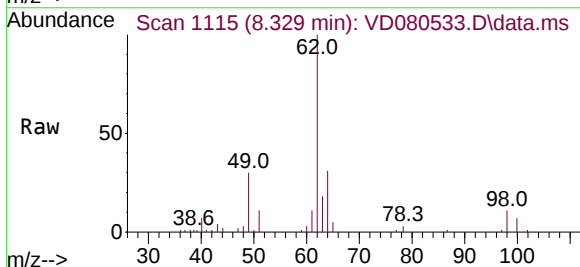
Tgt Ion: 41 Resp: 1554
Ion Ratio Lower Upper
41 100
39 45.2 44.3 66.5
67 74.1 64.0 96.0
52 27.7 23.7 35.5

Manual Integrations
APPROVED

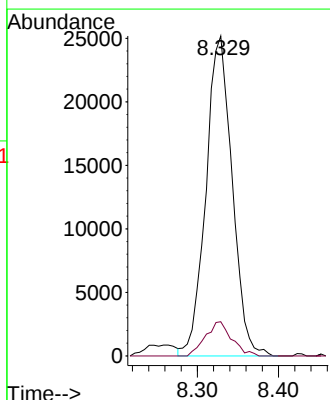
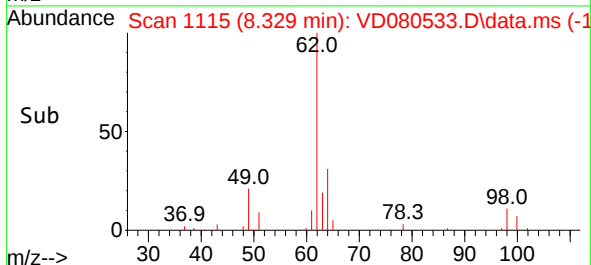
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

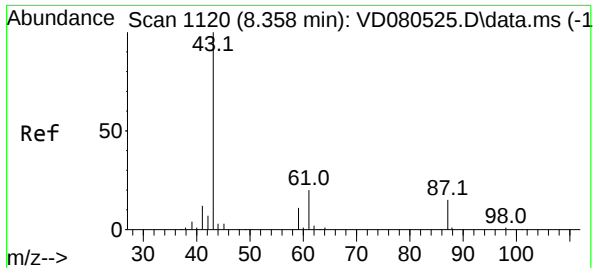


#42
1,2-Dichloroethane
Concen: 19.665 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04



Tgt Ion: 62 Resp: 56568
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.8





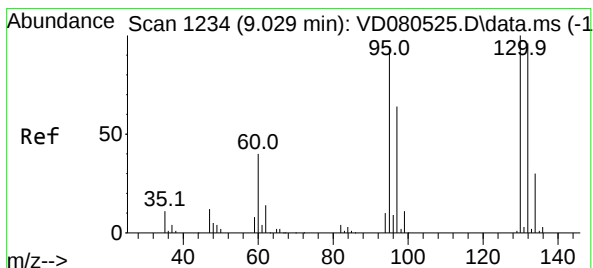
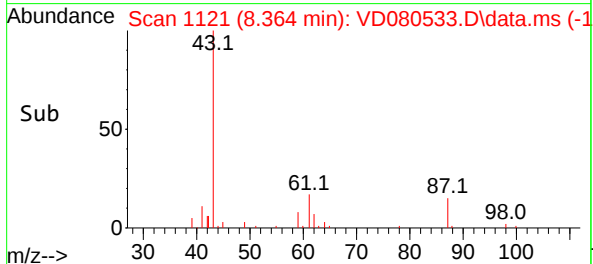
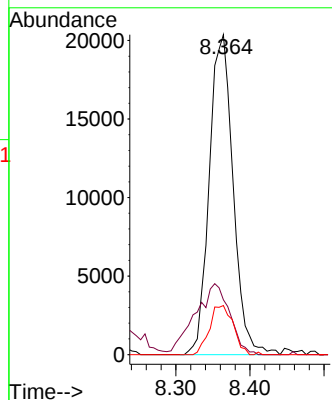
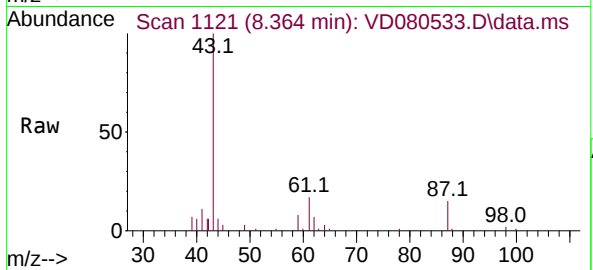
#43
Isopropyl Acetate
Concen: 17.239 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 43 Resp: 45528
Ion Ratio Lower Upper
43 100
61 32.2 26.3 39.5
87 15.2 11.1 16.7

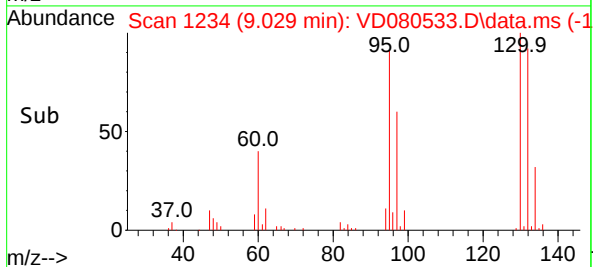
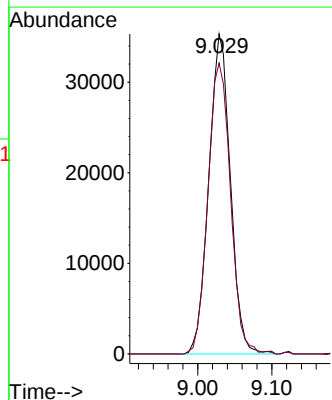
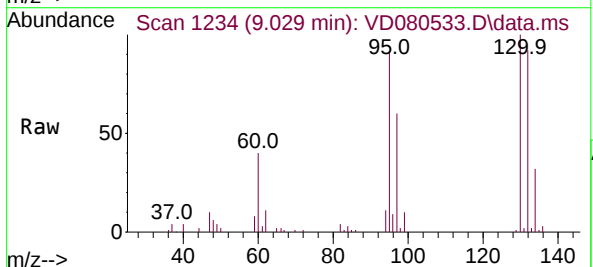
Manual Integrations
APPROVED

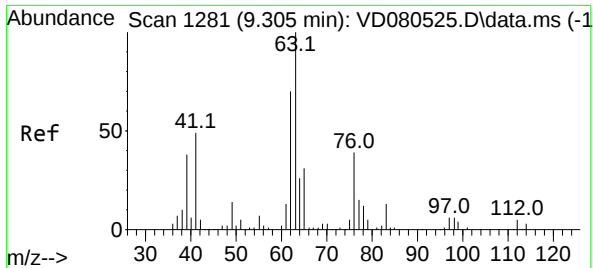
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#44
Trichloroethene
Concen: 20.519 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion:130 Resp: 71496
Ion Ratio Lower Upper
130 100
95 90.9 0.0 188.2





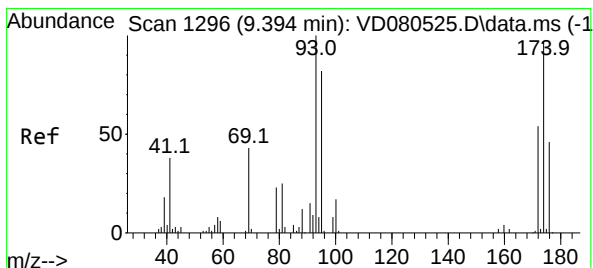
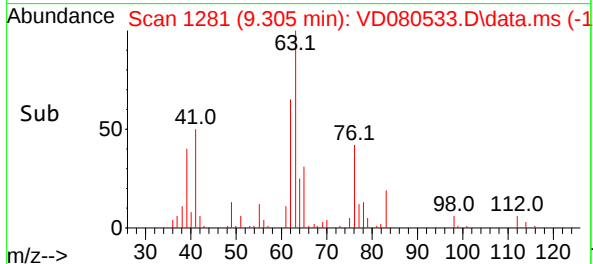
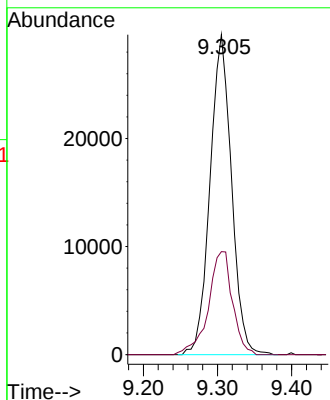
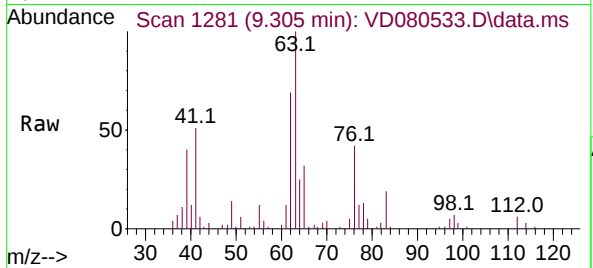
#45
1,2-Dichloropropane
Concen: 18.863 ug/l
RT: 9.305 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 63 Resp: 59523
Ion Ratio Lower Upper
63 100
65 32.2 24.9 37.3

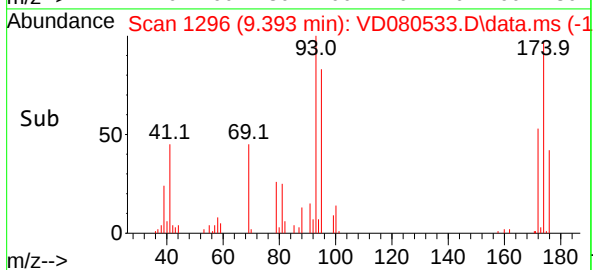
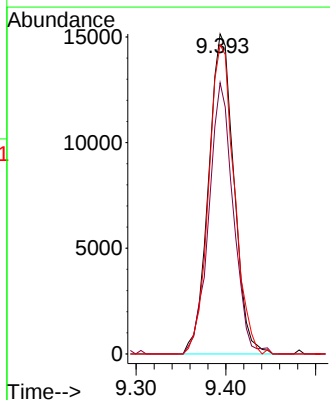
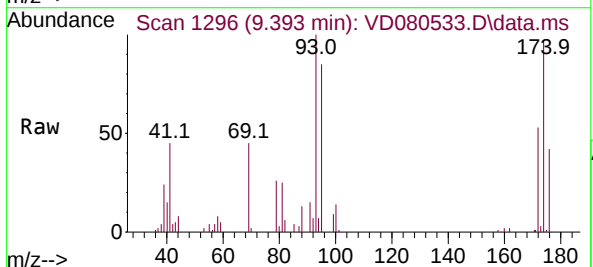
Manual Integrations
APPROVED

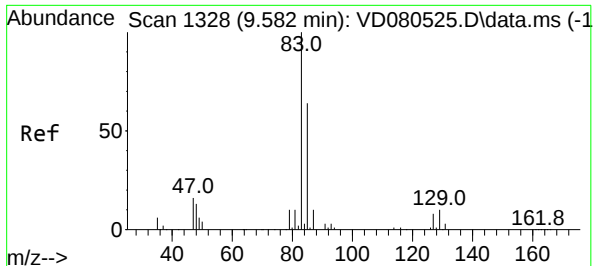
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#46
Dibromomethane
Concen: 19.212 ug/l
RT: 9.393 min Scan# 1296
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion: 93 Resp: 29905
Ion Ratio Lower Upper
93 100
95 81.3 68.2 102.2
174 97.5 79.5 119.3





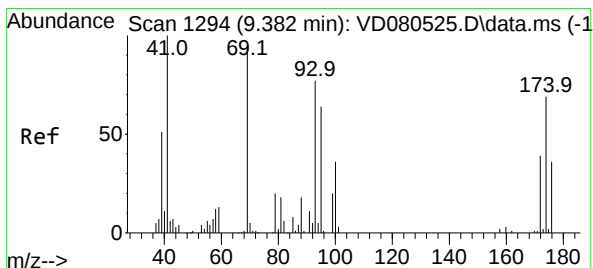
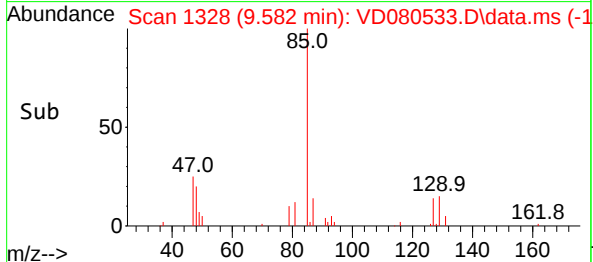
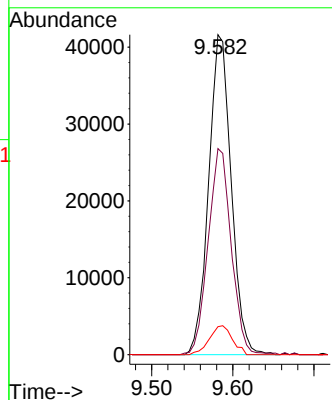
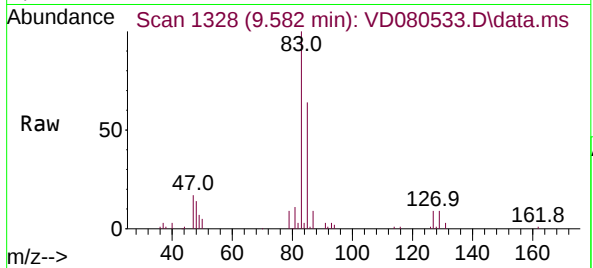
#47
Bromodichloromethane
Concen: 19.125 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 83 Resp: 80395
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.6
127 8.7 6.5 9.7

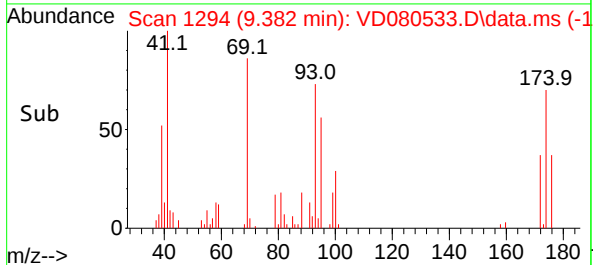
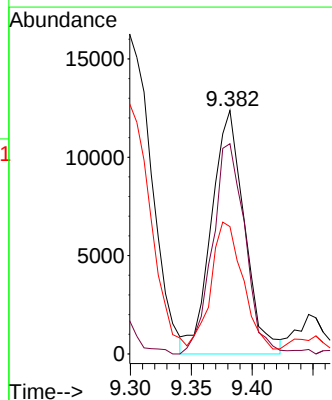
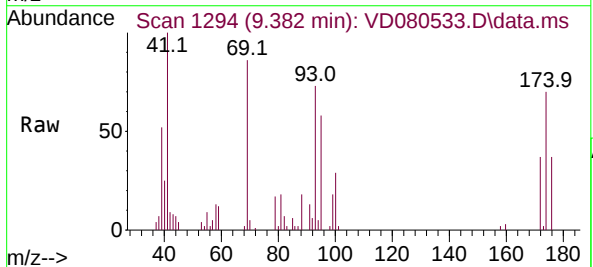
Manual Integrations
APPROVED

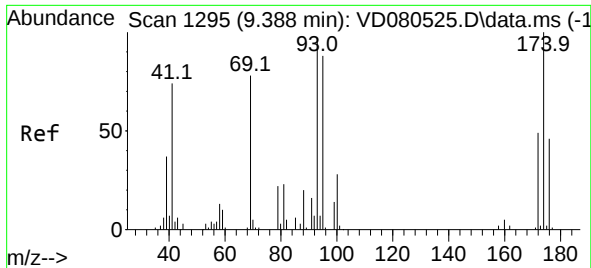
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#48
Methyl methacrylate
Concen: 17.903 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

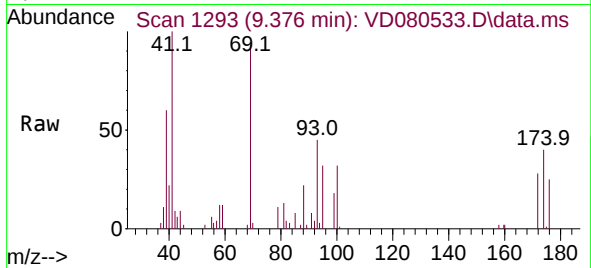
Tgt Ion: 41 Resp: 23471
Ion Ratio Lower Upper
41 100
69 85.0 74.5 111.7
39 49.9 40.6 61.0





#49
1,4-Dioxane
Concen: 351.691 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.012 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

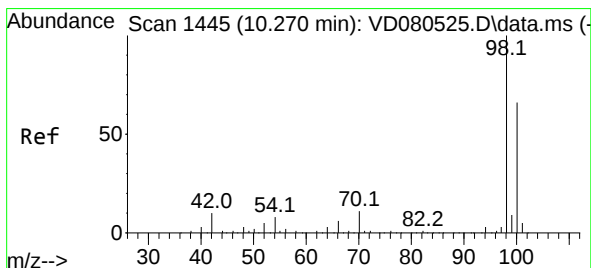
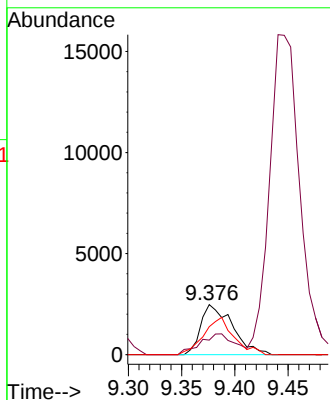
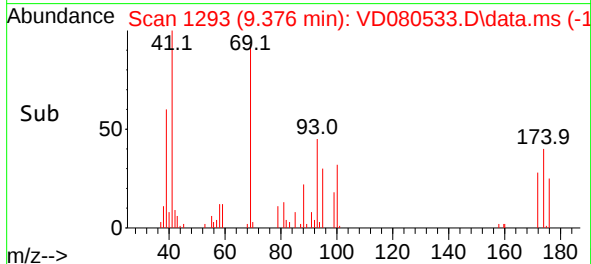
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



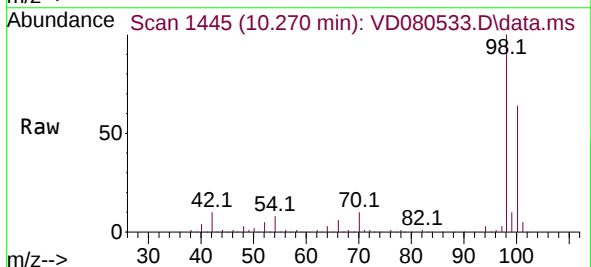
Tgt Ion: 88 Resp: 5103
Ion Ratio Lower Upper
88 100
43 44.7 28.0 42.0
58 70.5 52.7 79.1

Manual Integrations
APPROVED

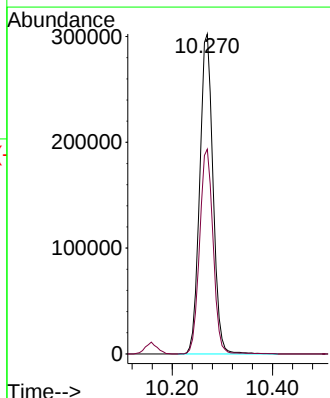
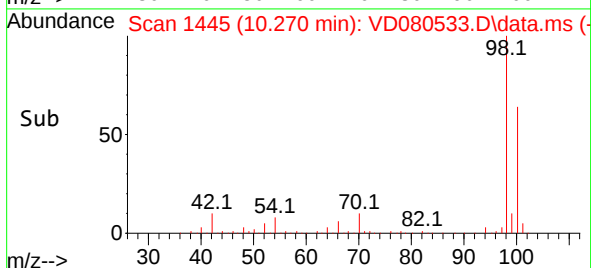
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

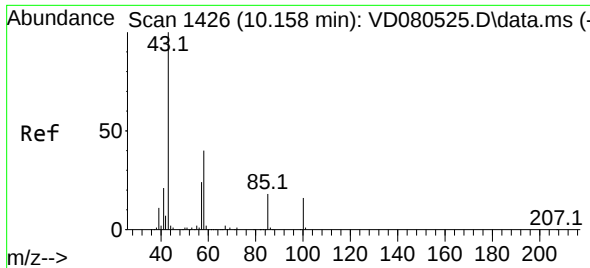


#50
Toluene-d8
Concen: 47.738 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04



Tgt Ion: 98 Resp: 556082
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





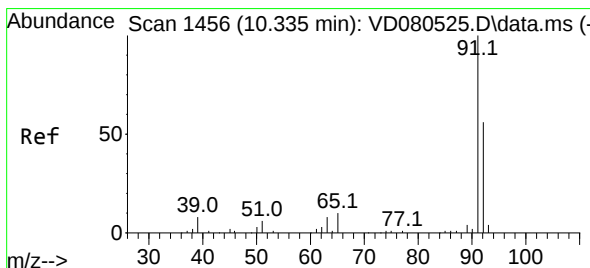
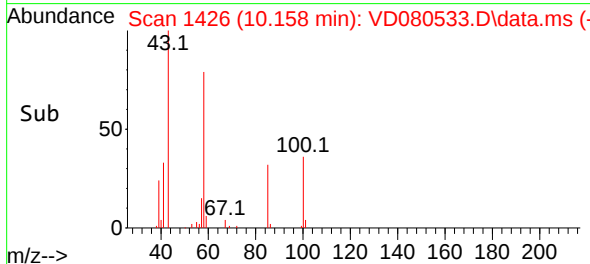
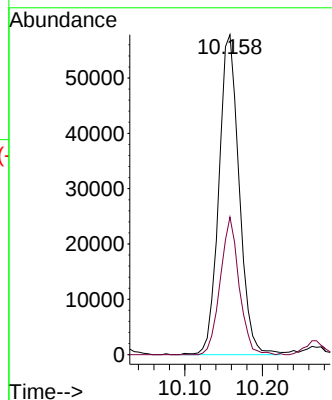
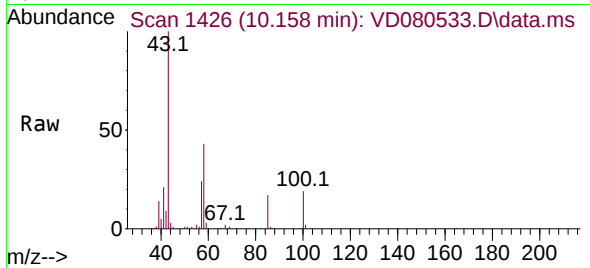
#51
4-Methyl-2-Pentanone
Concen: 85.879 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 43 Resp: 105238
Ion Ratio Lower Upper
43 100
58 39.9 32.8 49.2

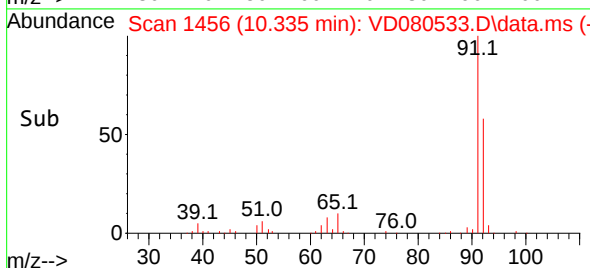
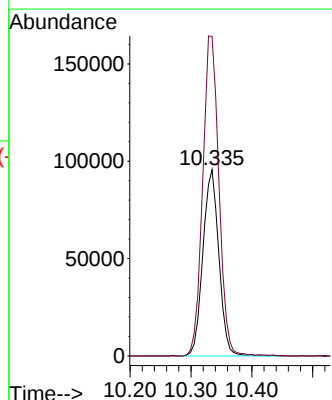
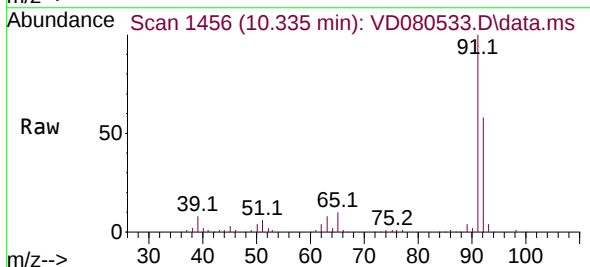
Manual Integrations
APPROVED

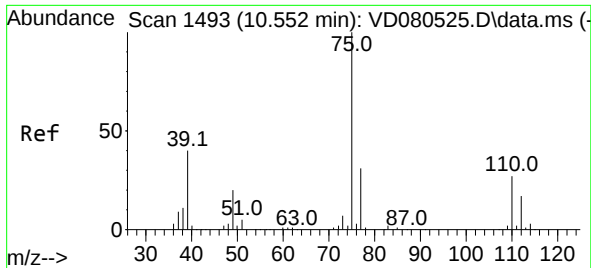
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#52
Toluene
Concen: 19.892 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion: 92 Resp: 173386
Ion Ratio Lower Upper
92 100
91 175.7 137.0 205.6





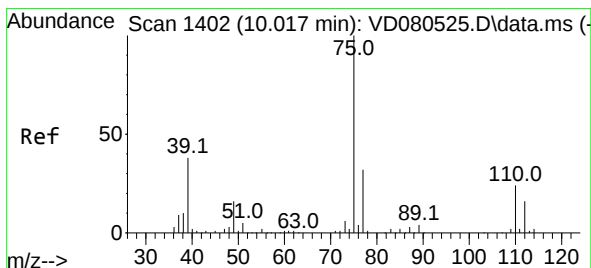
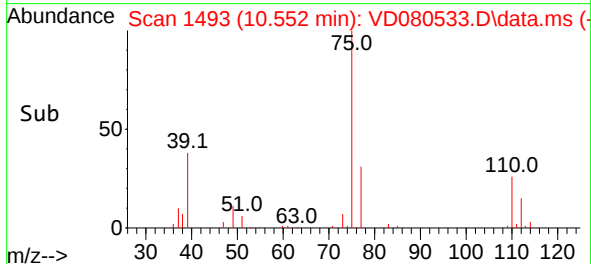
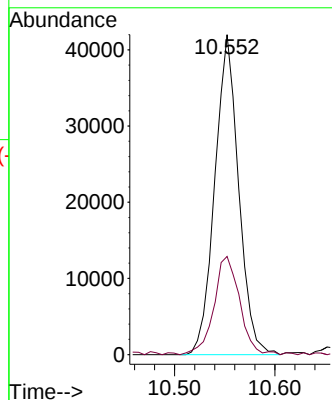
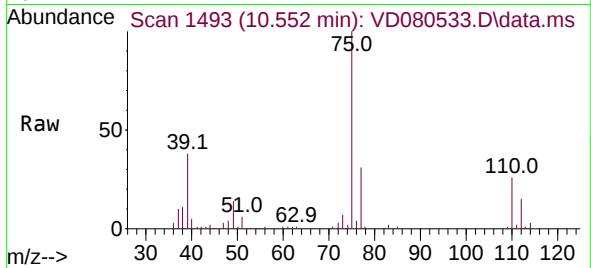
#53
t-1,3-Dichloropropene
Concen: 18.587 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 75 Resp: 69236
Ion Ratio Lower Upper
75 100
77 30.7 24.7 37.1

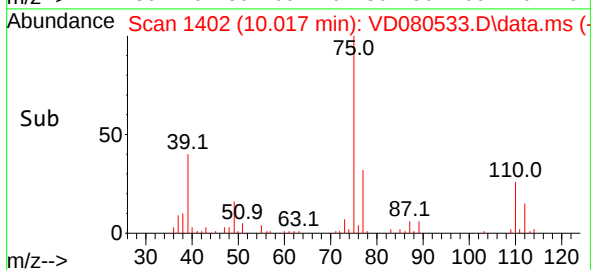
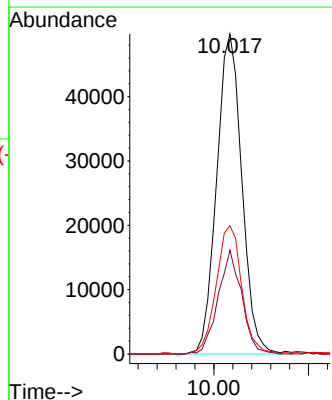
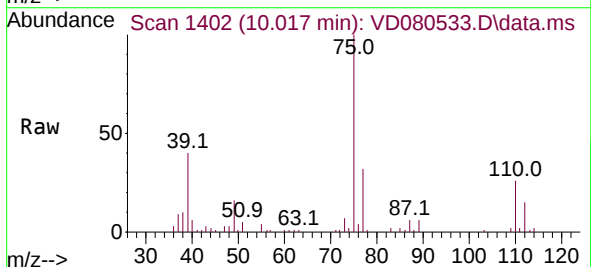
Manual Integrations
APPROVED

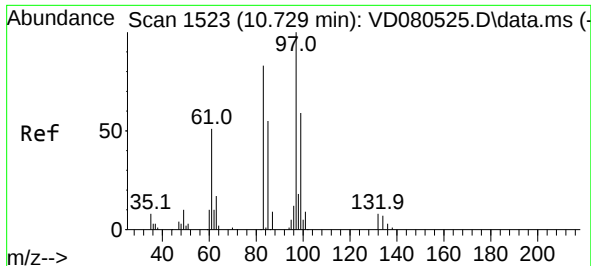
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#54
cis-1,3-Dichloropropene
Concen: 19.086 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion: 75 Resp: 91696
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
39 40.0 30.7 46.1





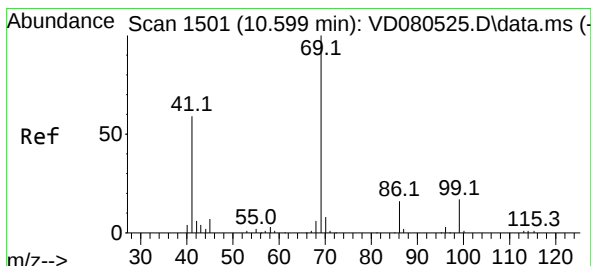
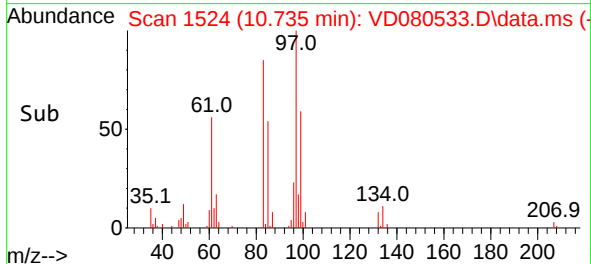
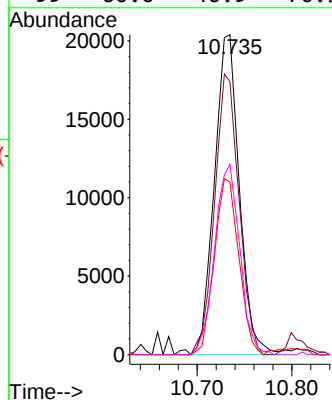
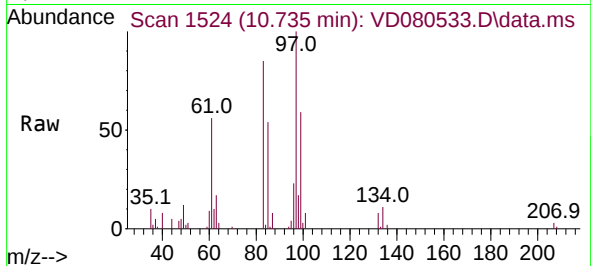
#55
1,1,2-Trichloroethane
Concen: 18.756 ug/l
RT: 10.735 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 97	Resp: 37348
Ion Ratio	Lower Upper
97 100	
83 86.1	66.3 99.5
85 54.4	43.8 65.8
99 60.0	46.9 70.3

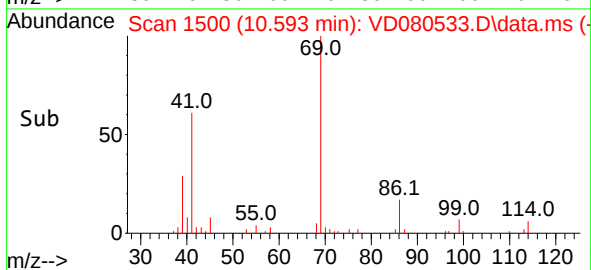
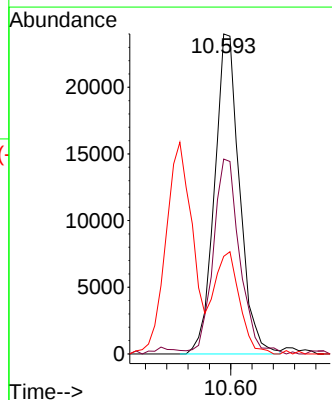
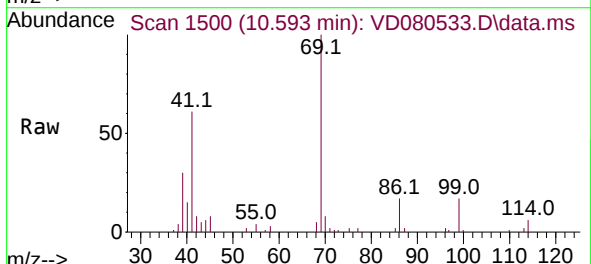
Manual Integrations
APPROVED

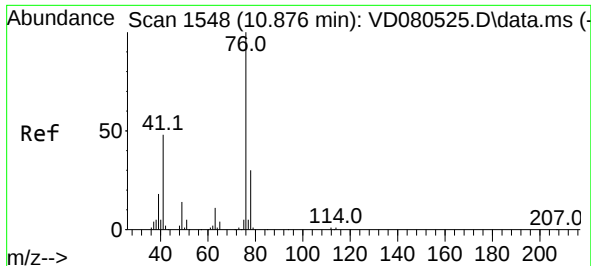
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#56
Ethyl methacrylate
Concen: 17.057 ug/l
RT: 10.593 min Scan# 1500
Delta R.T. -0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

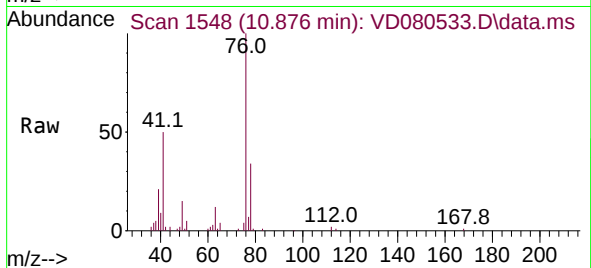
Tgt Ion: 69	Resp: 39191
Ion Ratio	Lower Upper
69 100	
41 64.4	49.6 74.4
39 32.3	23.5 35.3





#57
1,3-Dichloropropane
Concen: 18.327 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

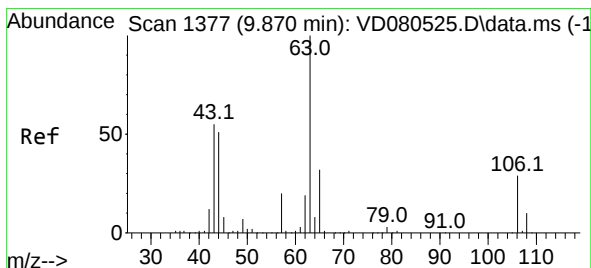
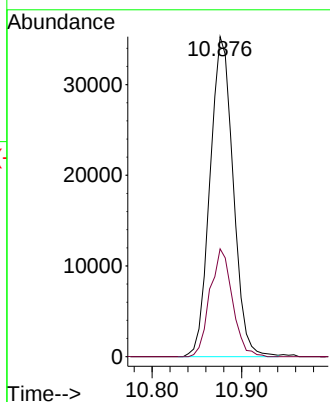
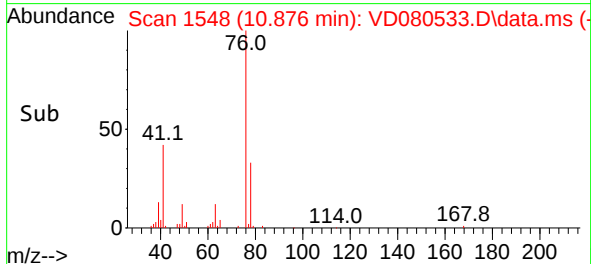
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



Tgt Ion: 76 Resp: 6364
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8

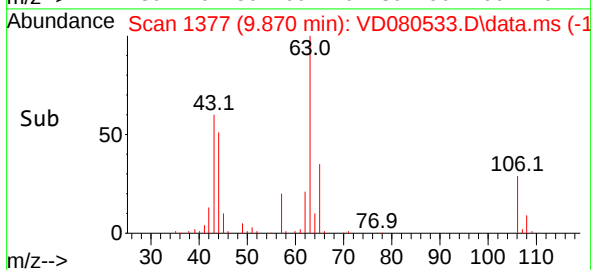
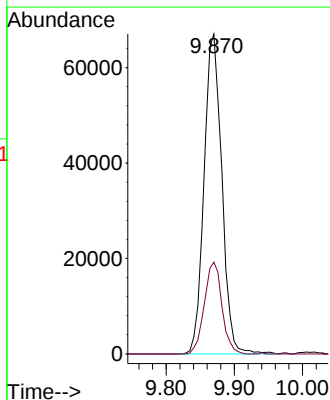
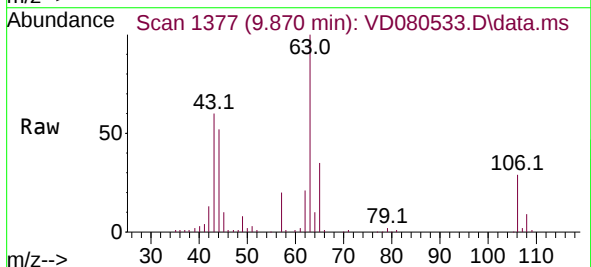
Manual Integrations
APPROVED

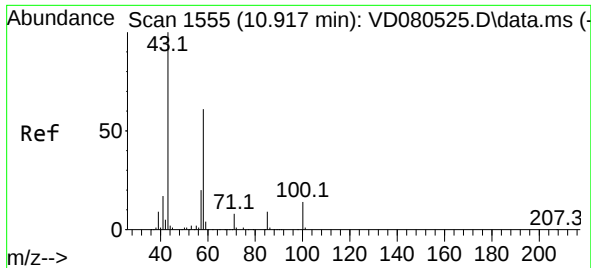
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 94.258 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion: 63 Resp: 121517
Ion Ratio Lower Upper
63 100
106 28.3 22.6 33.8





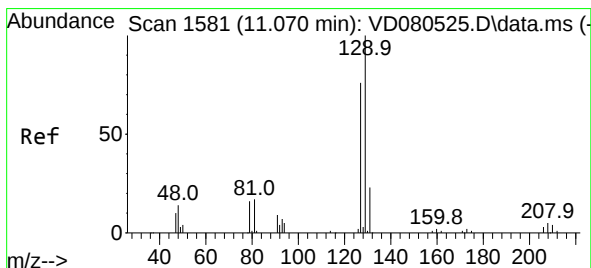
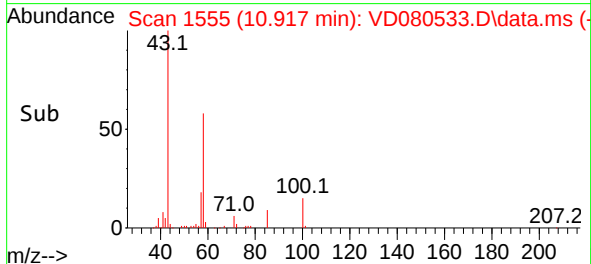
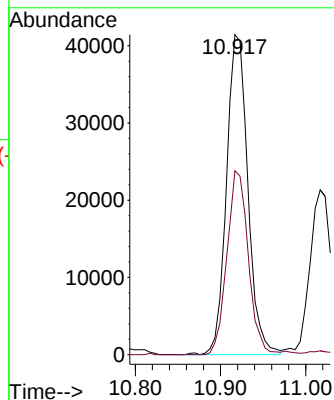
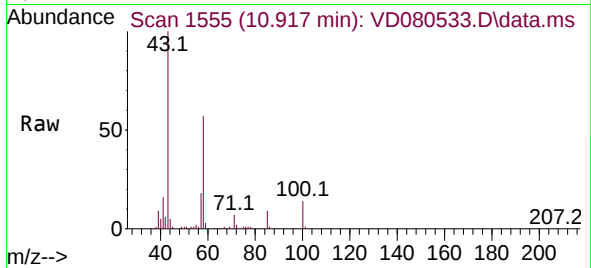
#59
2-Hexanone
Concen: 84.161 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 43 Resp: 72097
Ion Ratio Lower Upper
43 100
58 57.5 29.6 88.9

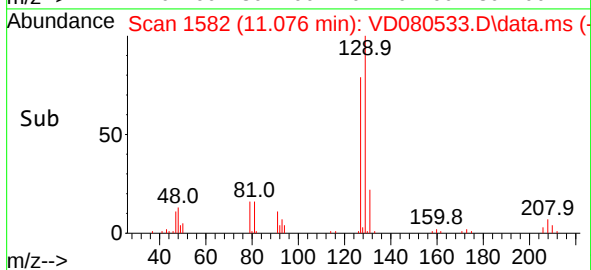
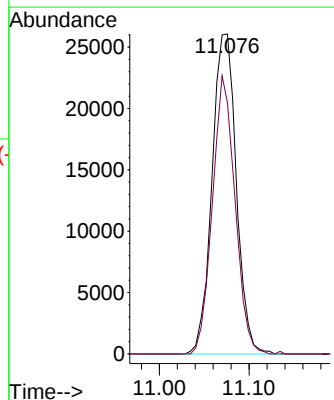
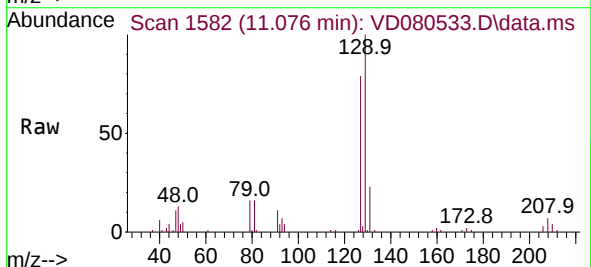
Manual Integrations
APPROVED

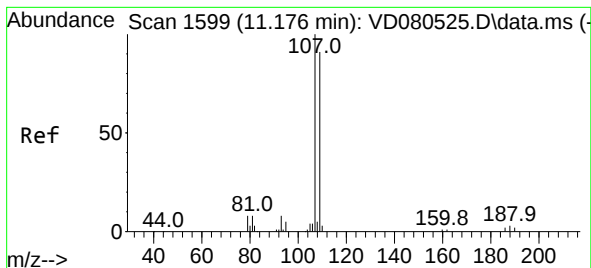
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#60
Dibromochloromethane
Concen: 18.517 ug/l
RT: 11.076 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion:129 Resp: 48995
Ion Ratio Lower Upper
129 100
127 80.9 38.3 114.9





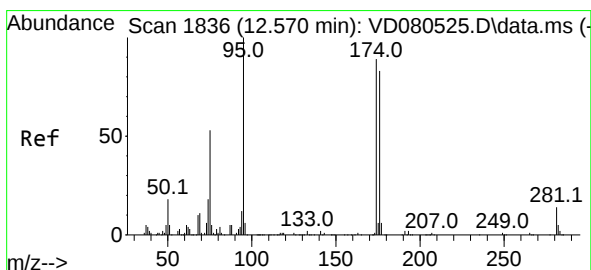
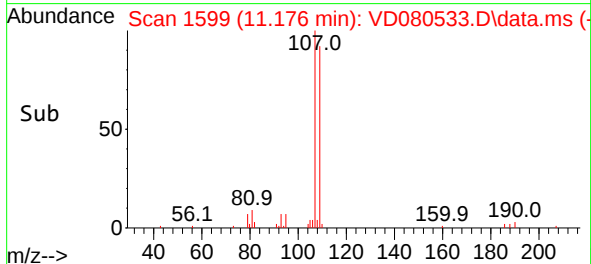
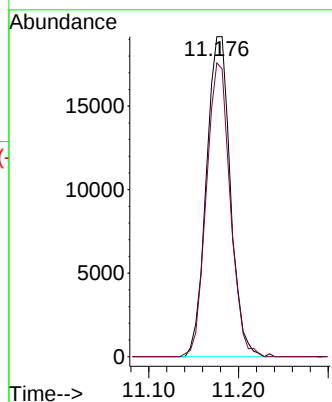
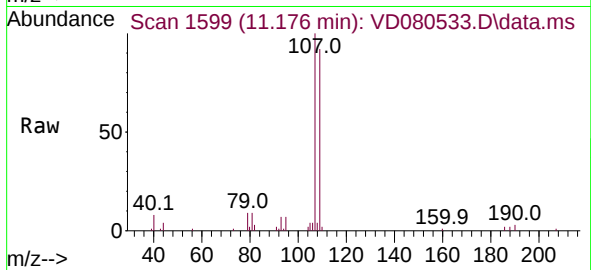
#61
1,2-Dibromoethane
Concen: 18.632 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion:107 Resp: 35686
Ion Ratio Lower Upper
107 100
109 90.9 74.2 111.4

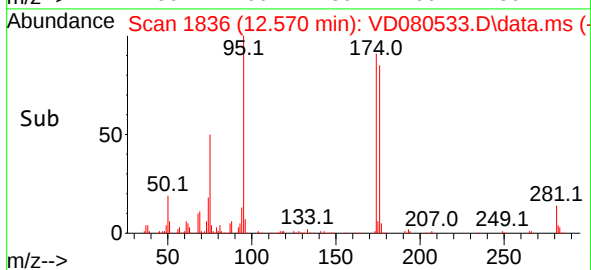
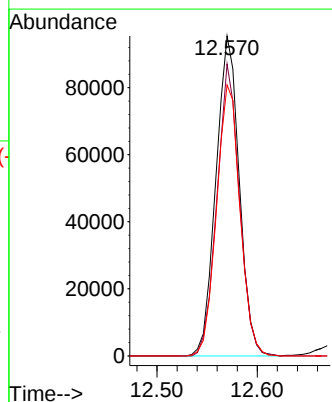
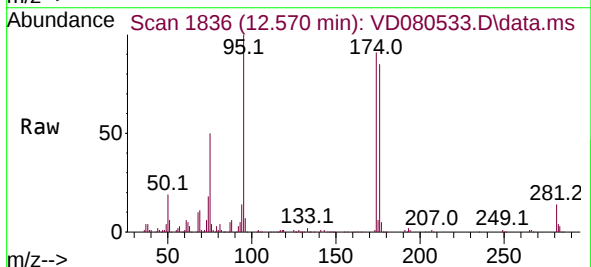
Manual Integrations
APPROVED

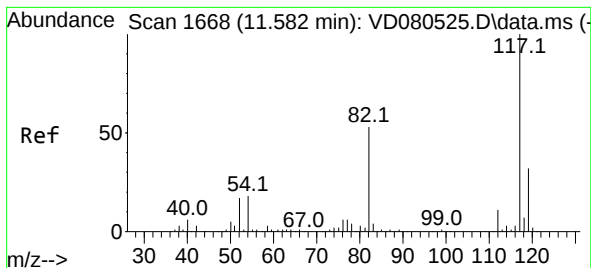
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#62
4-Bromofluorobenzene
Concen: 46.105 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

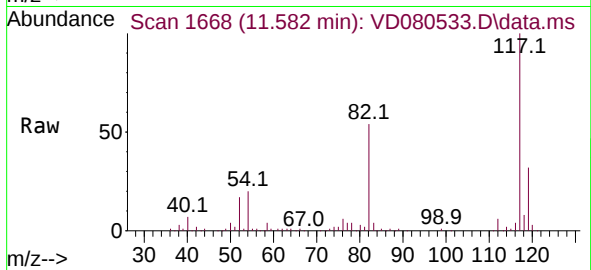
Tgt Ion: 95 Resp: 154400
Ion Ratio Lower Upper
95 100
174 87.7 0.0 179.4
176 85.1 0.0 168.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

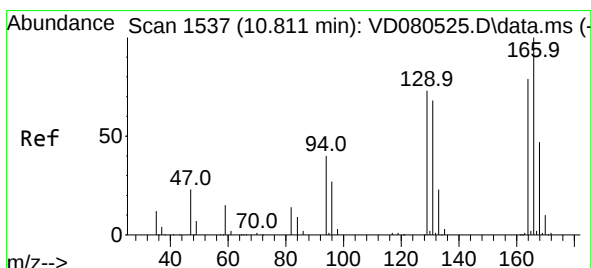
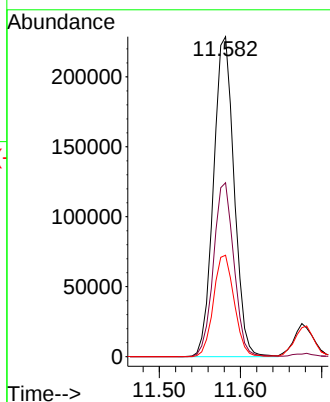
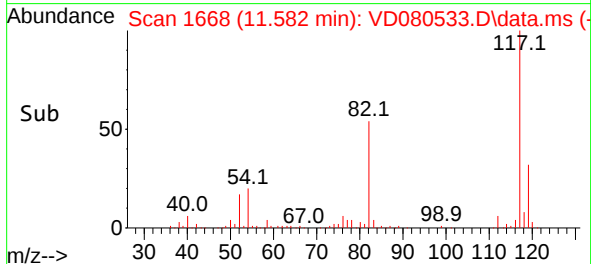
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



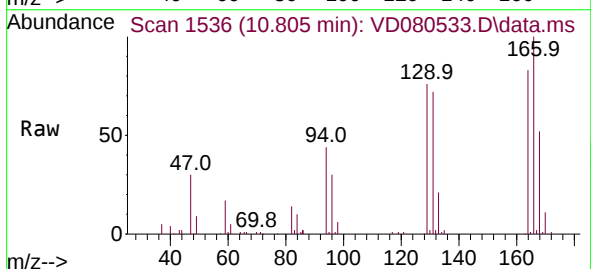
Tgt Ion:117 Resp: 402976
Ion Ratio Lower Upper
117 100
82 54.3 42.1 63.1
119 31.7 25.4 38.2

Manual Integrations
APPROVED

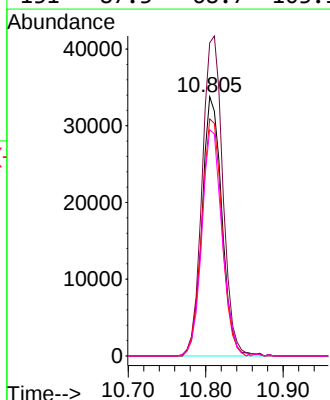
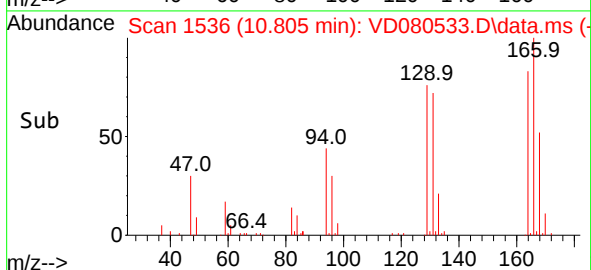
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

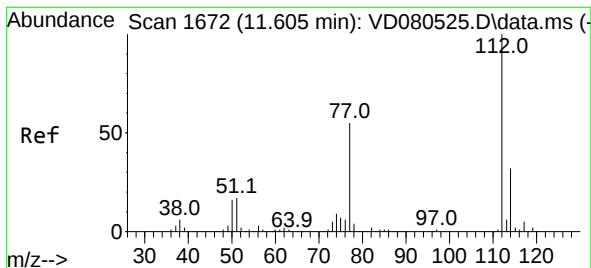


#64
Tetrachloroethene
Concen: 20.727 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04



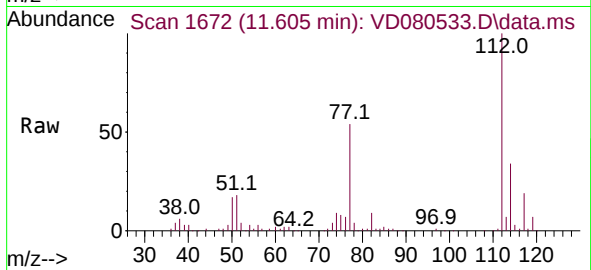
Tgt Ion:164 Resp: 60080
Ion Ratio Lower Upper
164 100
166 120.8 101.2 151.8
129 91.4 74.0 111.0
131 87.3 68.7 103.1





#65
Chlorobenzene
Concen: 20.273 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

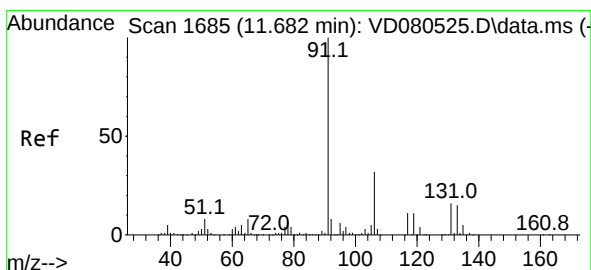
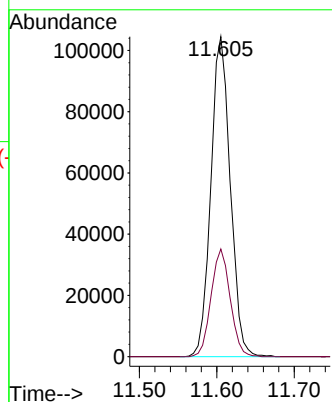
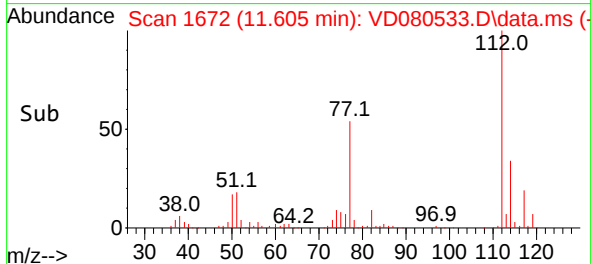
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



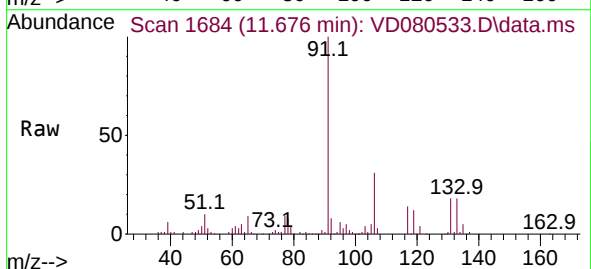
Tgt Ion:112 Resp: 181920
Ion Ratio Lower Upper
112 100
114 33.6 25.4 38.0

Manual Integrations
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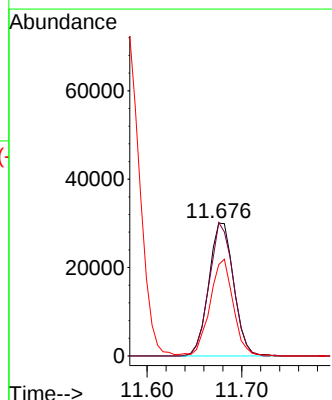
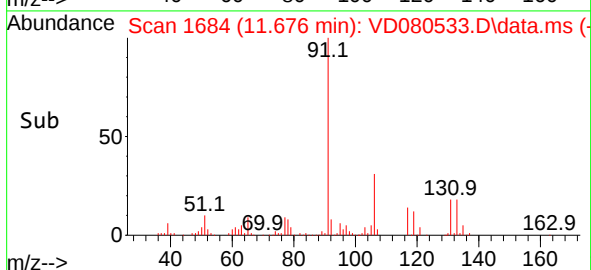
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

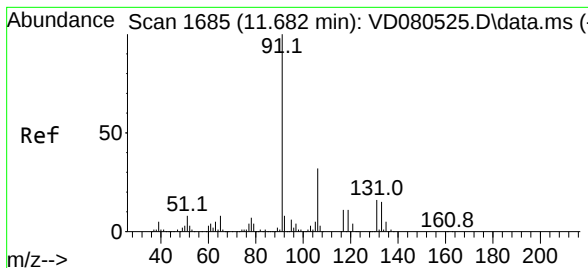


#66
1,1,1,2-Tetrachloroethane
Concen: 19.567 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04



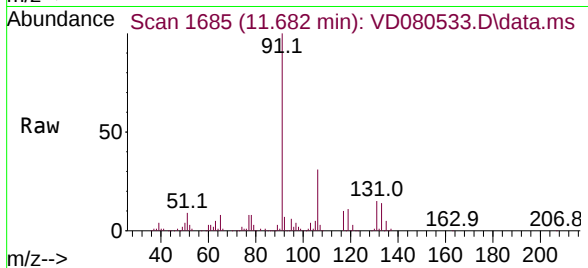
Tgt Ion:131 Resp: 54914
Ion Ratio Lower Upper
131 100
133 97.2 47.3 141.8
119 68.2 34.4 103.2





#67
Ethyl Benzene
Concen: 20.130 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

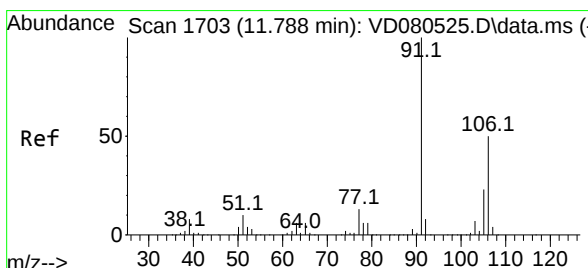
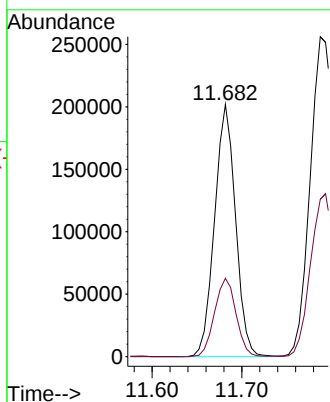
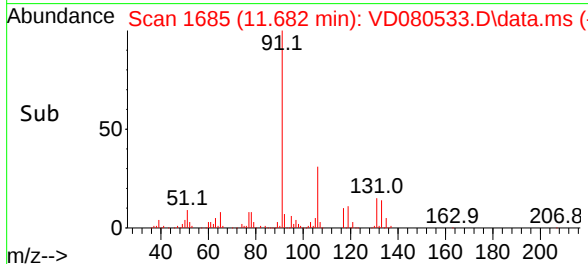
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



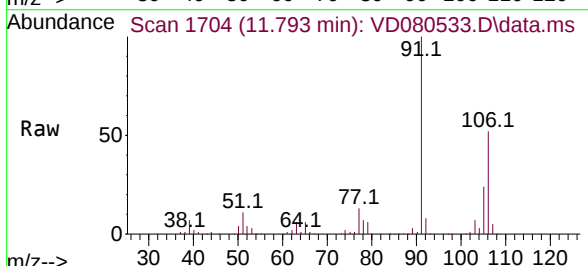
Tgt Ion: 91 Resp: 327400
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

Manual Integrations
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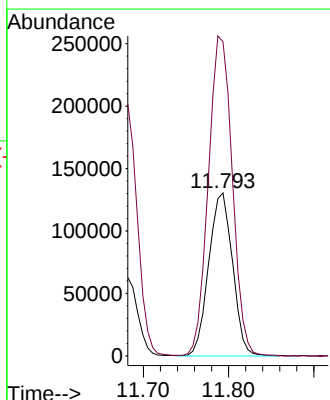
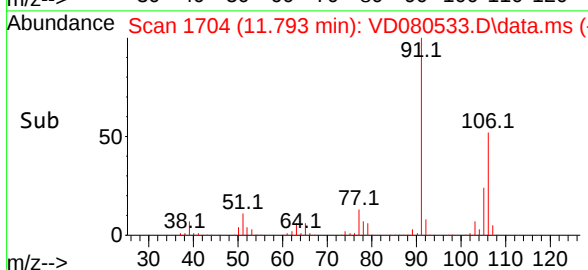
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

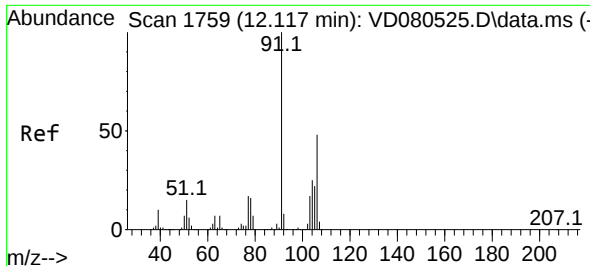


#68
m/p-Xylenes
Concen: 40.680 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04



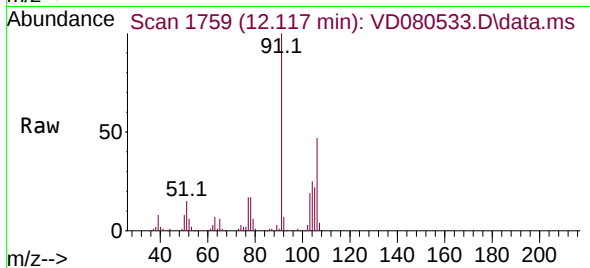
Tgt Ion:106 Resp: 253039
Ion Ratio Lower Upper
106 100
91 197.8 158.7 238.1





#69
o-Xylene
Concen: 19.814 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

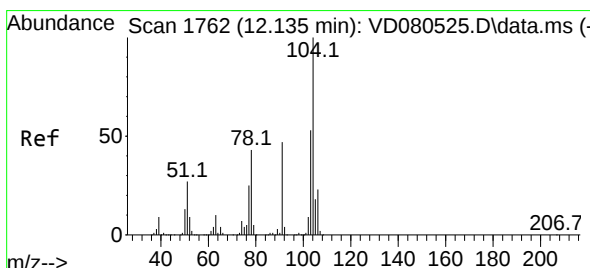
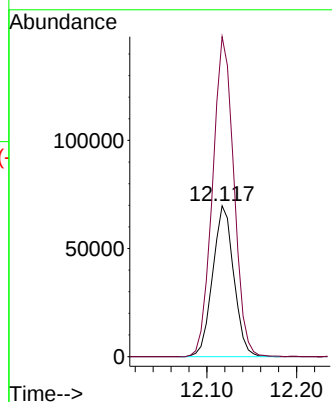
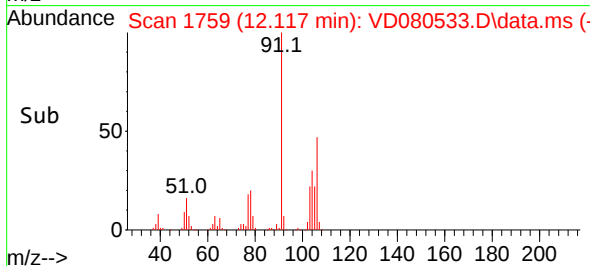
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



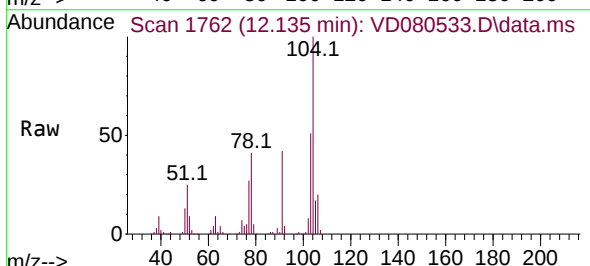
Tgt Ion:106 Resp: 113953
Ion Ratio Lower Upper
106 100
91 214.5 105.8 317.3

Manual Integrations
APPROVED

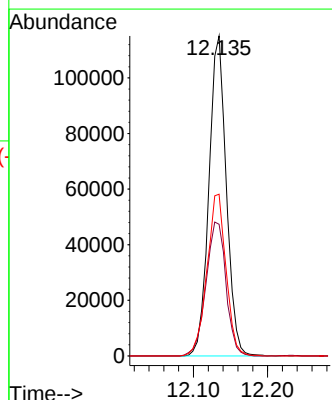
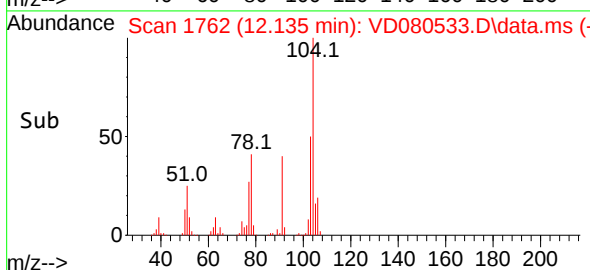
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

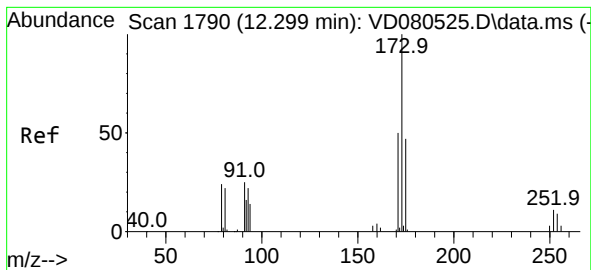


#70
Styrene
Concen: 19.731 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04



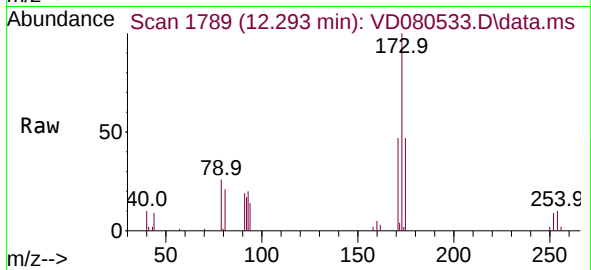
Tgt Ion:104 Resp: 187278
Ion Ratio Lower Upper
104 100
78 48.1 37.8 56.8
103 55.4 43.8 65.8





#71
Bromoform
Concen: 19.613 ug/l
RT: 12.293 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

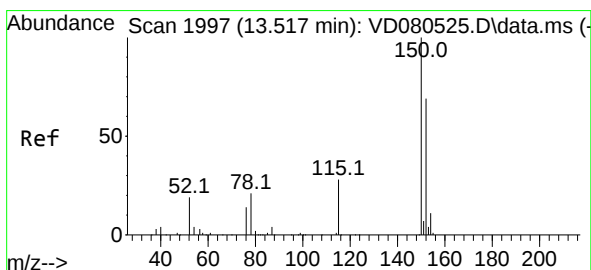
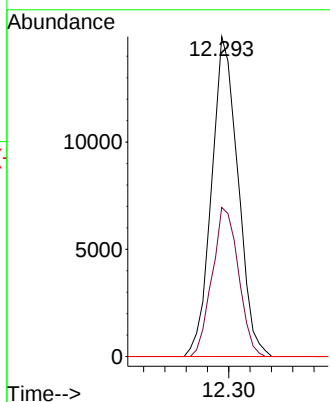
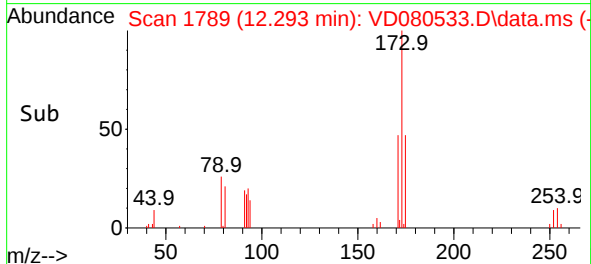
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



Tgt Ion:173 Resp: 25713
Ion Ratio Lower Upper
173 100
175 46.4 24.1 72.2
254 0.0 0.0 0.0

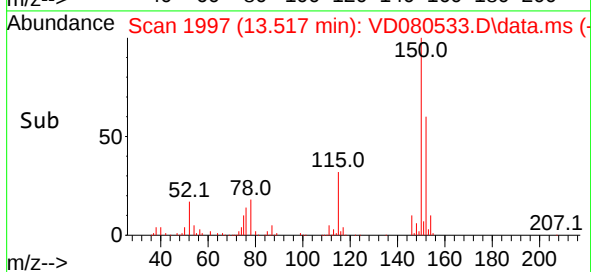
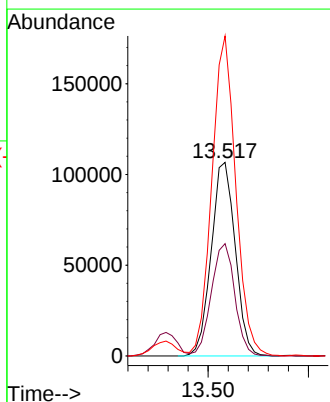
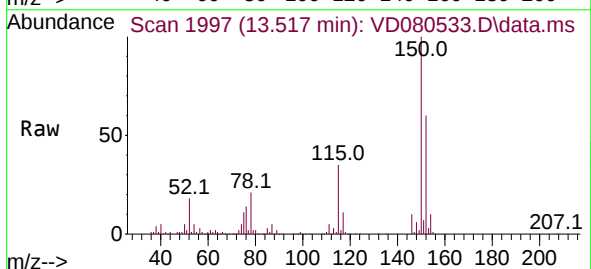
Manual Integrations
APPROVED

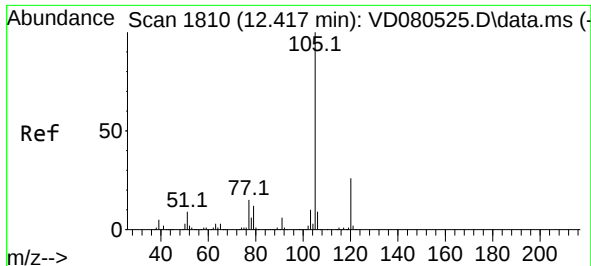
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

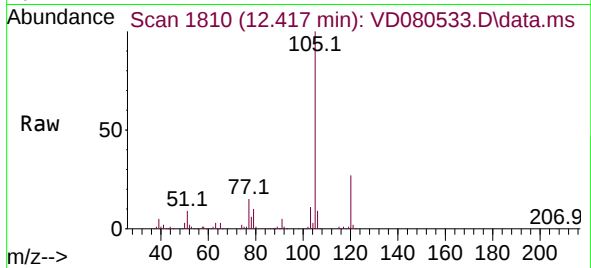
Tgt Ion:152 Resp: 177229
Ion Ratio Lower Upper
152 100
115 56.7 28.1 84.3
150 164.5 0.0 345.6





#73
Isopropylbenzene
Concen: 20.960 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

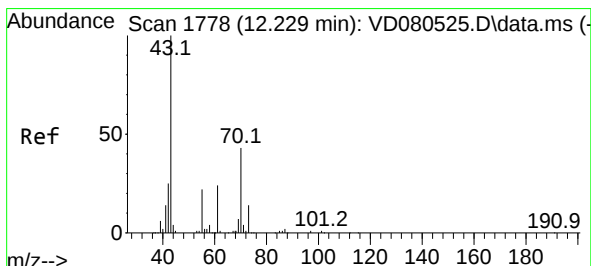
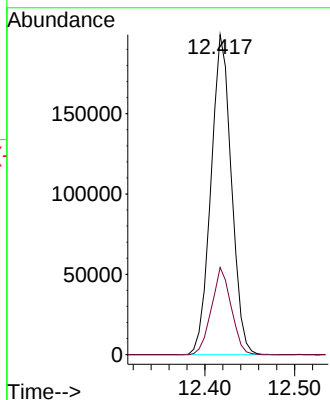
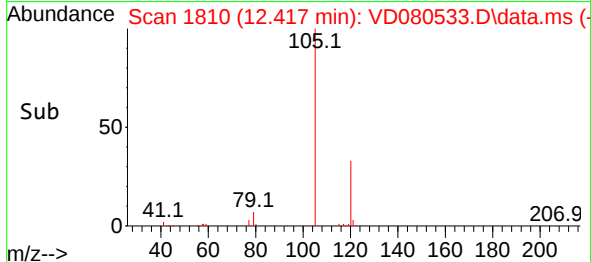
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



Tgt Ion: 105 Resp: 315325
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2

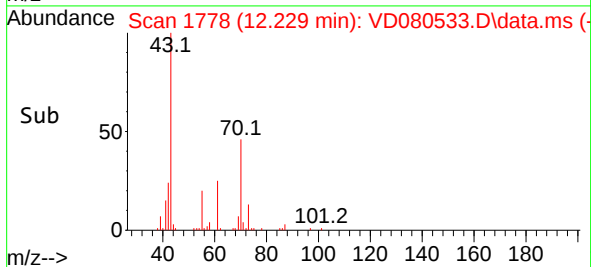
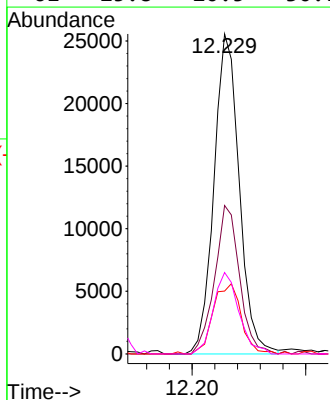
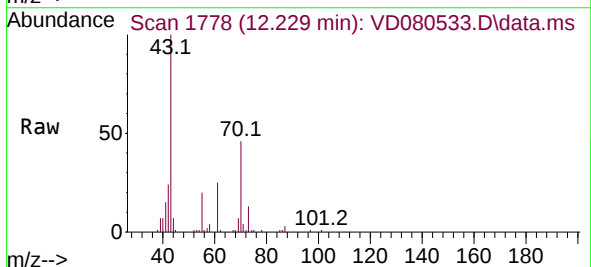
Manual Integrations
APPROVED

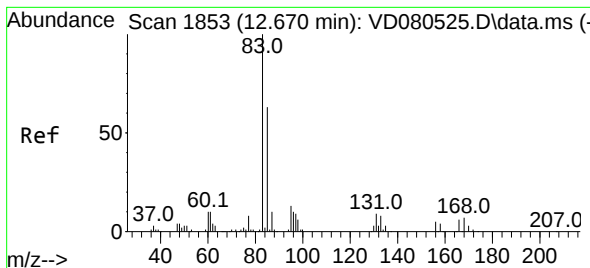
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#74
N-ethyl acetate
Concen: 16.911 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion: 43 Resp: 39436
Ion Ratio Lower Upper
43 100
70 45.6 35.2 52.8
55 24.5 18.4 27.6
61 25.8 20.5 30.7





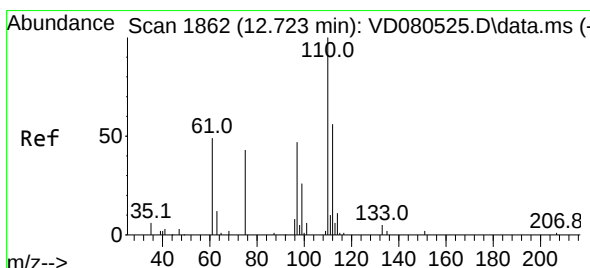
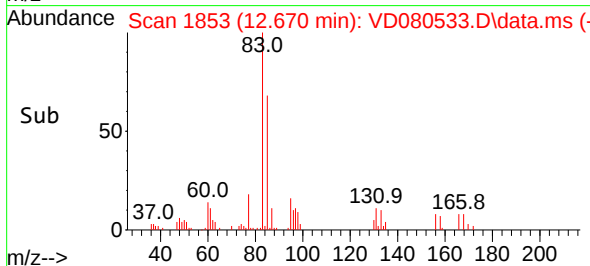
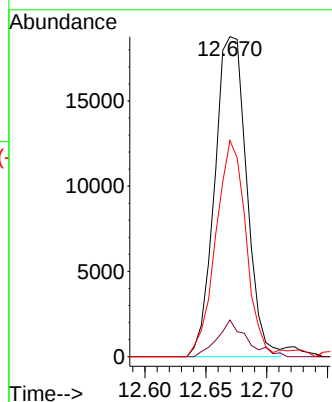
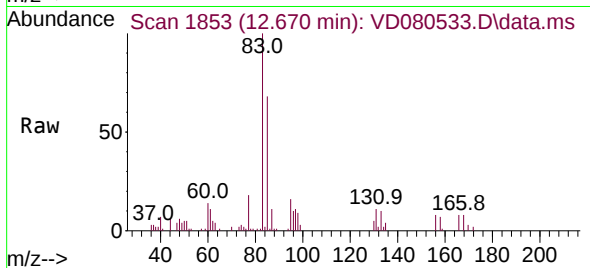
#75
1,1,2,2-Tetrachloroethane
Concen: 18.148 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument : MSVOA_D
ClientSampleId : VD1118SBS01

Tgt Ion: 83 Resp: 3424
Ion Ratio Lower Upper
83 100
131 10.6 4.9 14.6
85 64.4 31.8 95.3

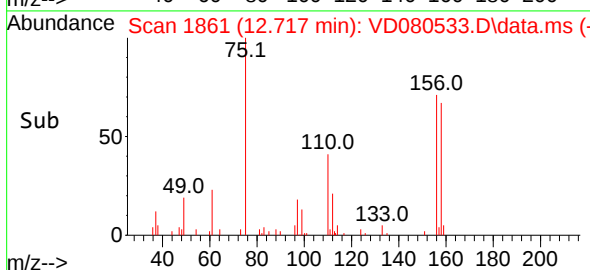
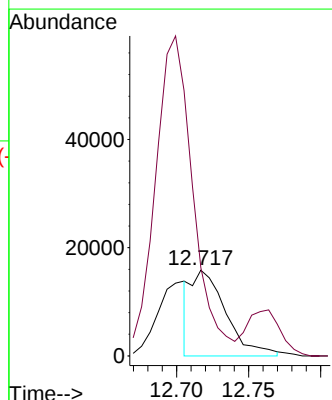
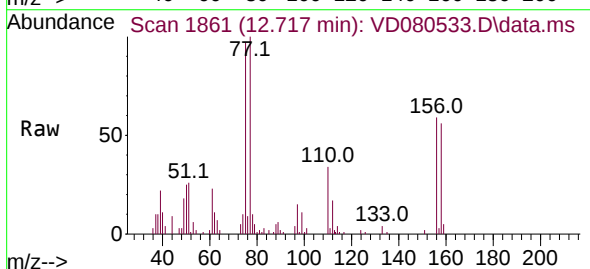
Manual Integrations
APPROVED

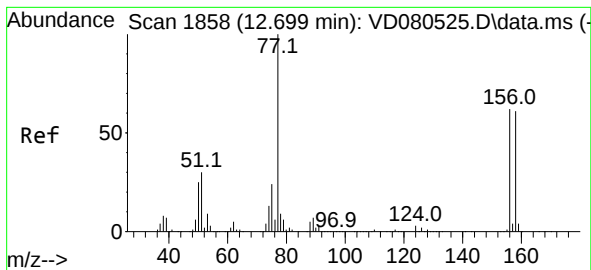
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#76
1,2,3-Trichloropropane
Concen: 19.202 ug/l m
RT: 12.717 min Scan# 1861
Delta R.T. -0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion: 75 Resp: 26507
Ion Ratio Lower Upper
75 100
77 407.6 0.0 0.0#





#77

Bromobenzene

Concen: 20.751 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VD080533.D

Acq: 18 Nov 2025 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

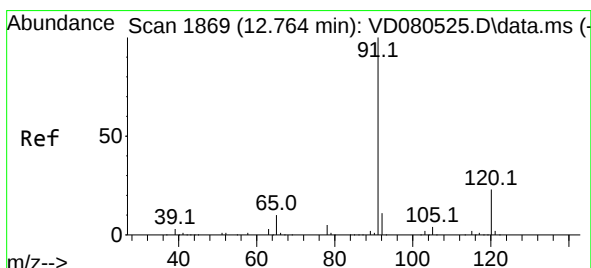
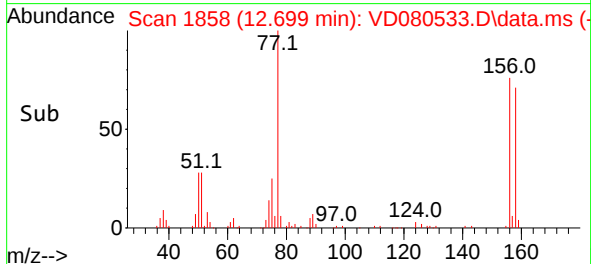
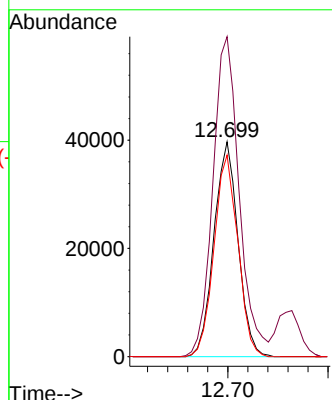
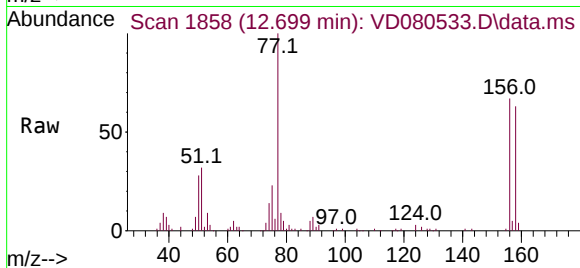
Tgt Ion:	156	Resp:	66265
Ion Ratio	Lower	Upper	
156	100		
77	163.1	85.3	255.9
158	92.9	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#78

n-propylbenzene

Concen: 21.121 ug/l

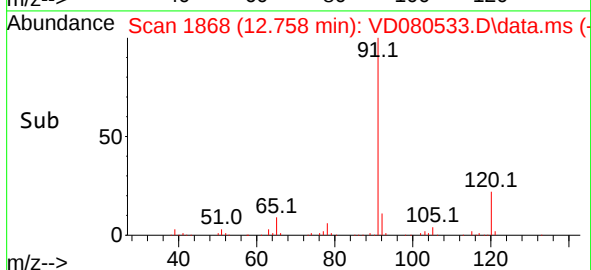
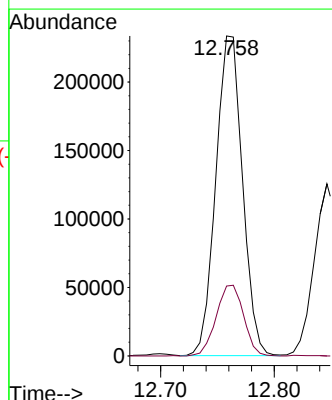
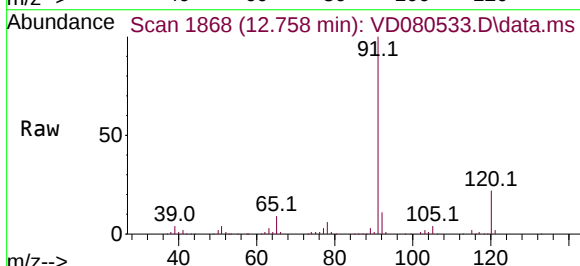
RT: 12.758 min Scan# 1868

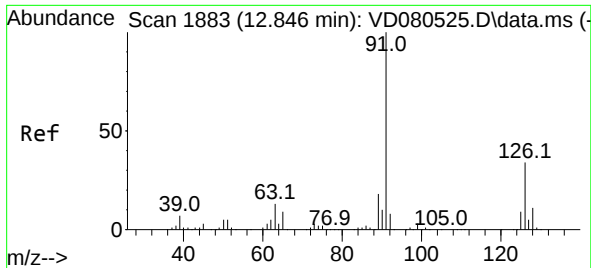
Delta R.T. -0.006 min

Lab File: VD080533.D

Acq: 18 Nov 2025 11:04

Tgt Ion:	91	Resp:	381180
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.4	34.2





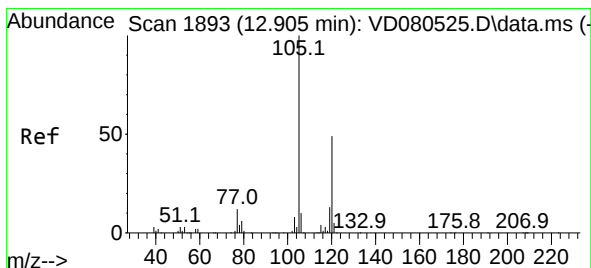
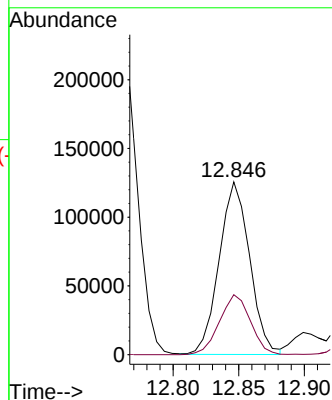
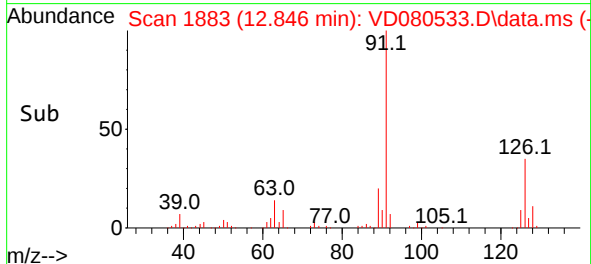
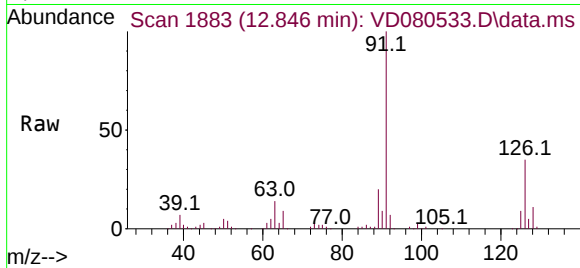
#79
2-Chlorotoluene
Concen: 20.529 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 91 Resp: 203826
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.2

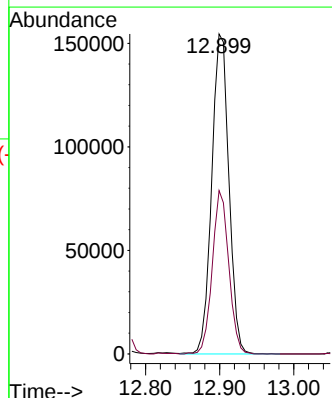
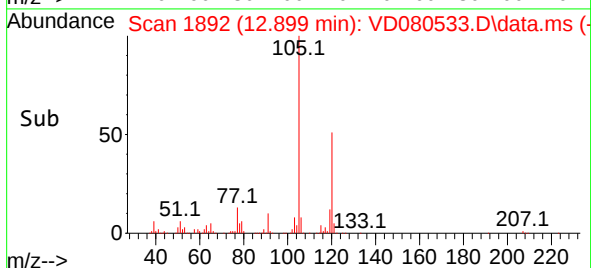
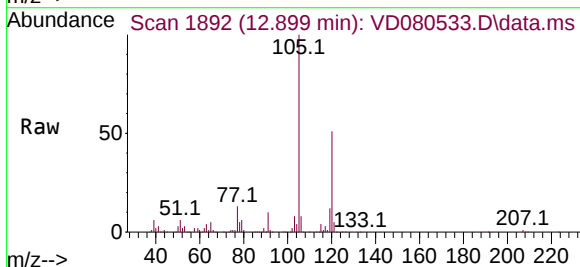
Manual Integrations
APPROVED

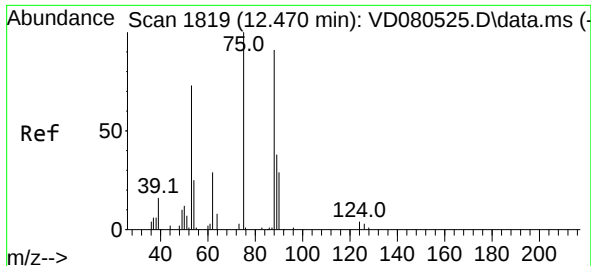
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.869 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion:105 Resp: 248183
Ion Ratio Lower Upper
105 100
120 49.0 24.6 74.0





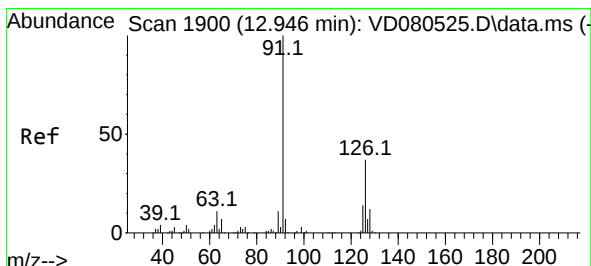
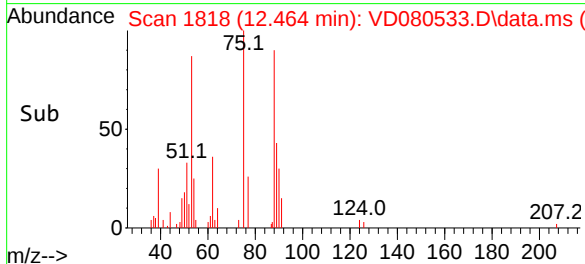
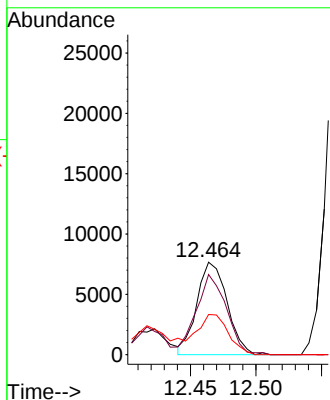
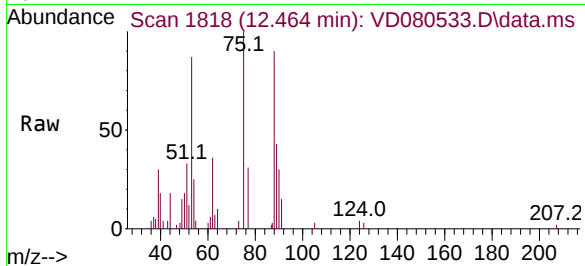
#81
trans-1,4-Dichloro-2-butene
Concen: 17.000 ug/l
RT: 12.464 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 75 Resp: 12288
Ion Ratio Lower Upper
75 100
53 87.9 62.8 94.2
89 43.6 36.6 54.8

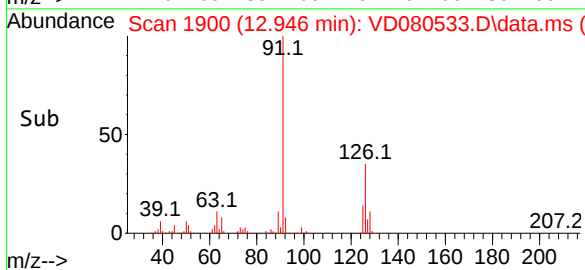
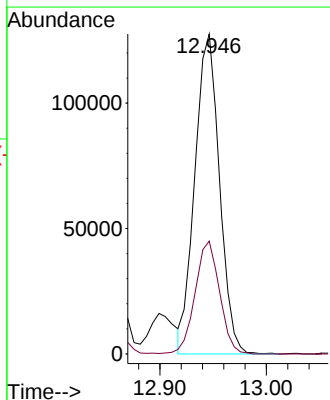
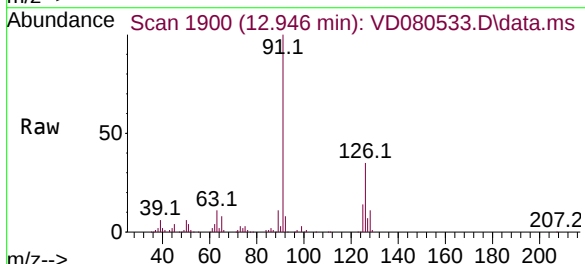
Manual Integrations
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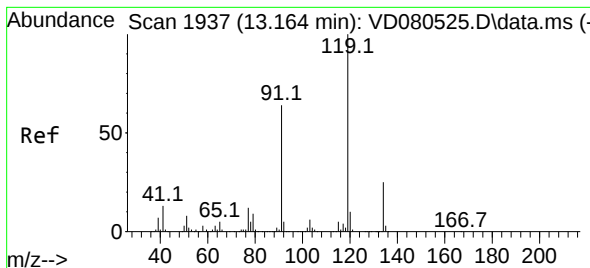
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#82
4-Chlorotoluene
Concen: 20.246 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion: 91 Resp: 204366
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.2





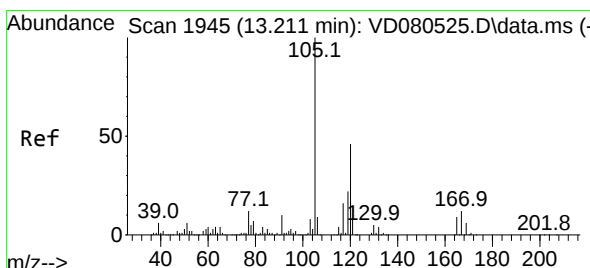
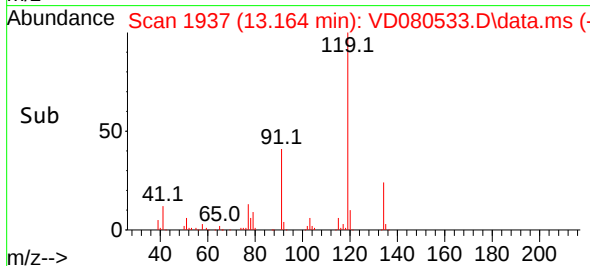
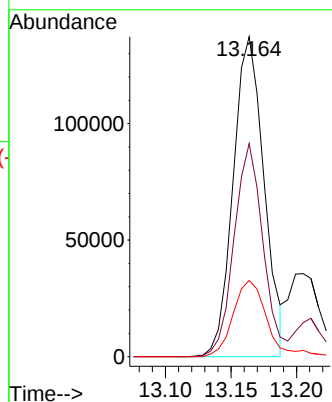
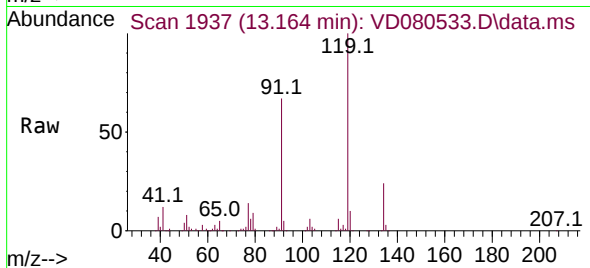
#83
tert-Butylbenzene
Concen: 21.019 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion:119 Resp: 224776
Ion Ratio Lower Upper
119 100
91 62.8 30.4 91.3
134 26.0 13.1 39.3

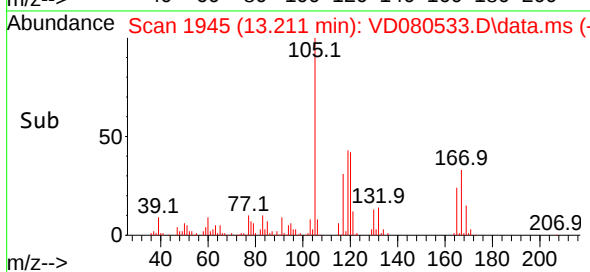
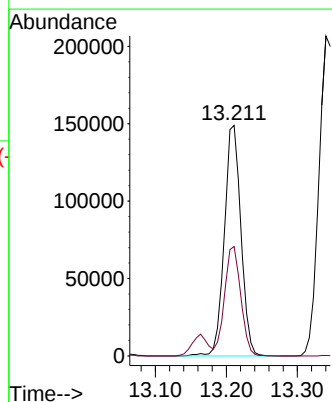
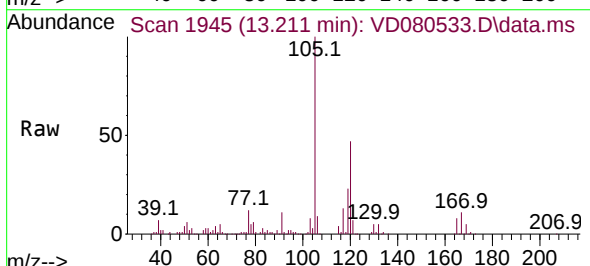
Manual Integrations
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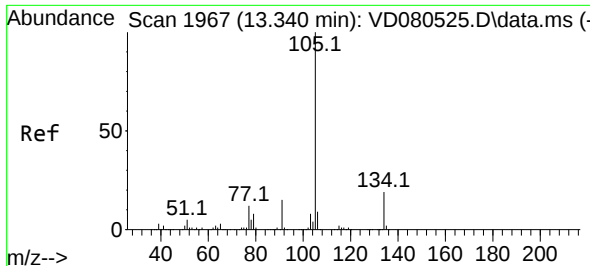
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.664 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion:105 Resp: 241808
Ion Ratio Lower Upper
105 100
120 46.4 22.7 68.1





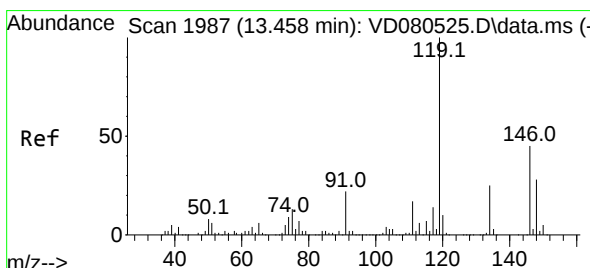
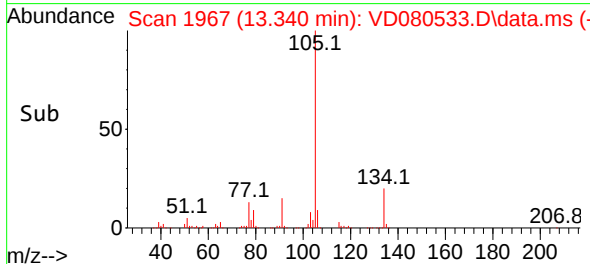
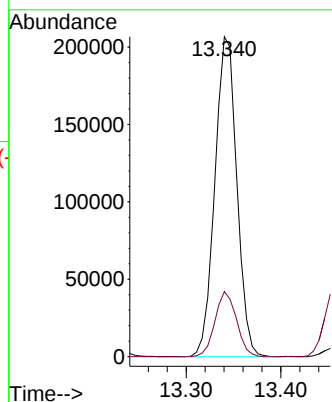
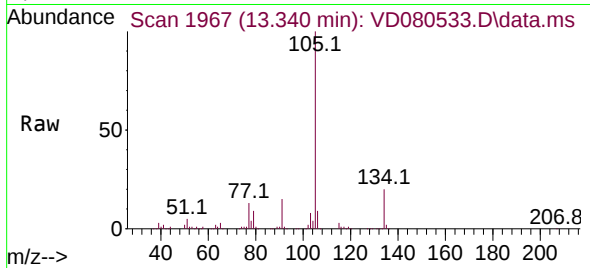
#85
 sec-Butylbenzene
 Concen: 21.002 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080533.D
 Acq: 18 Nov 2025 11:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBS01

Tgt Ion:105 Resp: 332495
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 30.0

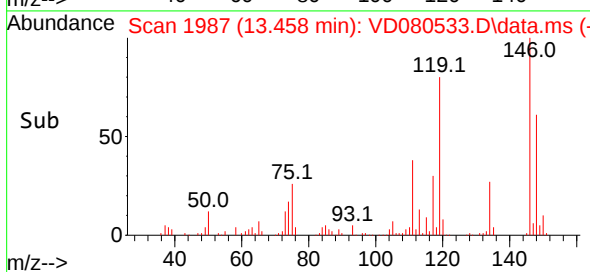
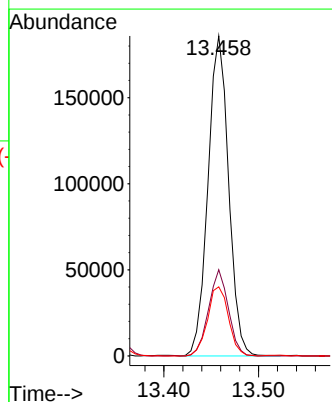
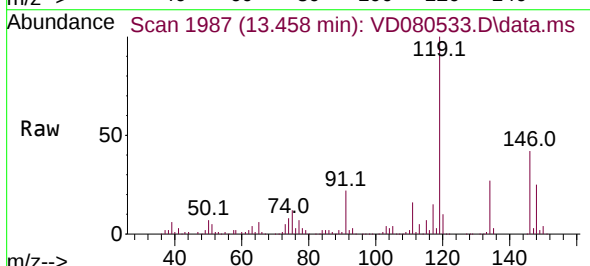
Manual Integrations
 APPROVED

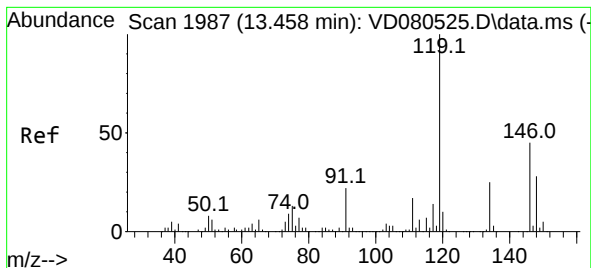
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#86
 p-Isopropyltoluene
 Concen: 21.430 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080533.D
 Acq: 18 Nov 2025 11:04

Tgt Ion:119 Resp: 281346
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 22.0 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 20.476 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. -0.000 min

Lab File: VD080533.D

Acq: 18 Nov 2025 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

Tgt Ion:146 Resp: 129912

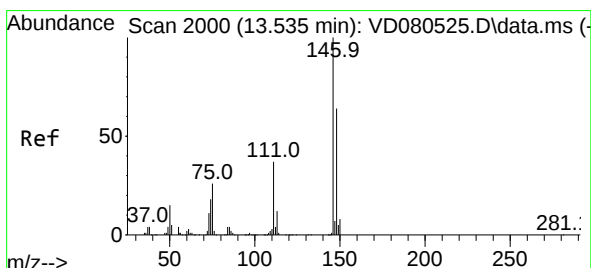
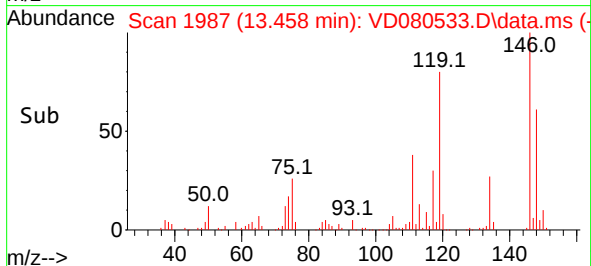
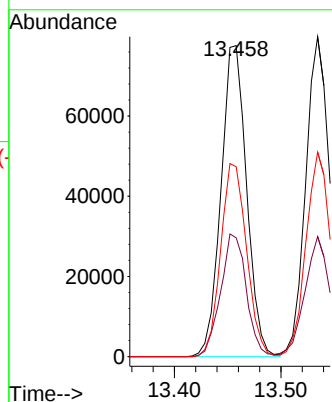
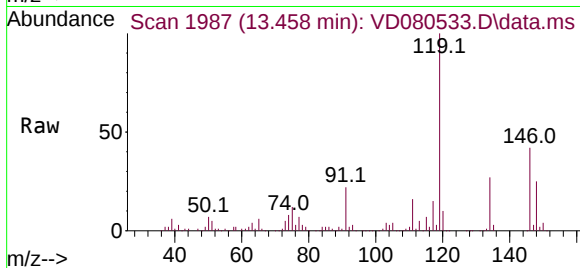
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	62.6	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#88

1,4-Dichlorobenzene

Concen: 20.317 ug/l

RT: 13.534 min Scan# 2000

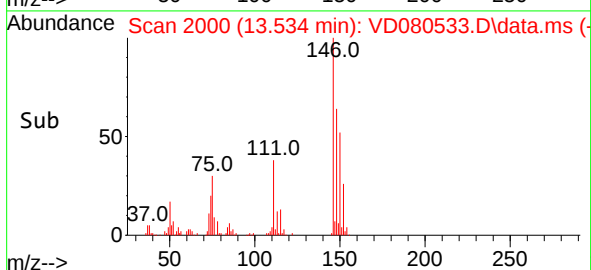
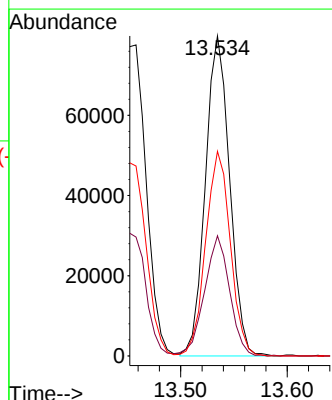
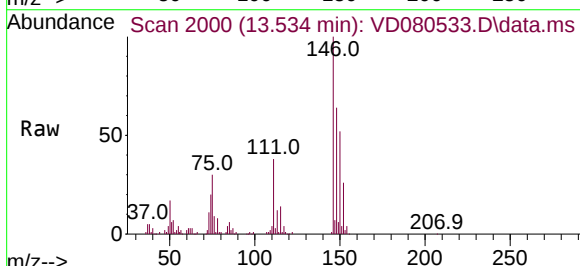
Delta R.T. -0.000 min

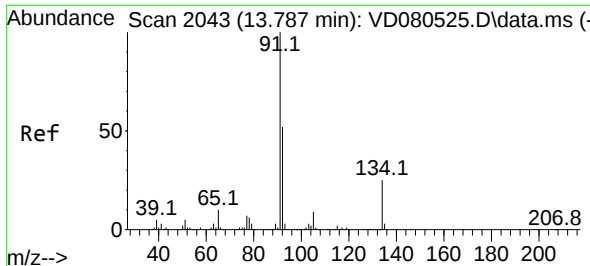
Lab File: VD080533.D

Acq: 18 Nov 2025 11:04

Tgt Ion:146 Resp: 126047

Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.9	56.9
148	65.3	32.1	96.5





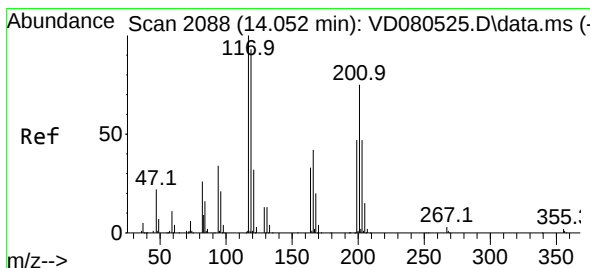
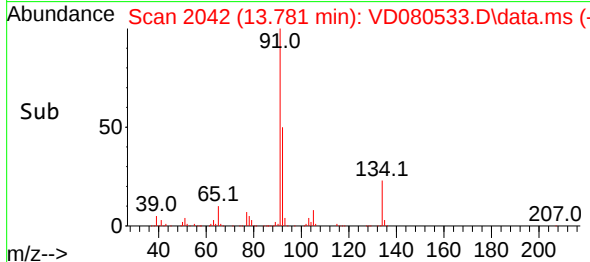
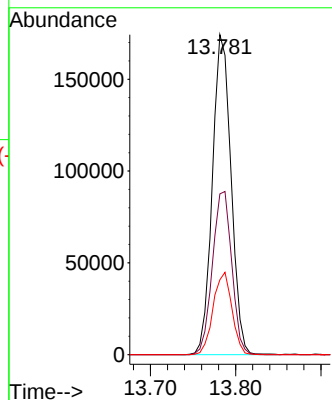
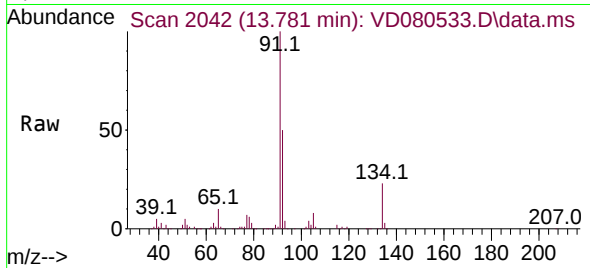
#89
n-Butylbenzene
Concen: 21.223 ug/l
RT: 13.781 min Scan# 2043
Delta R.T. -0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 91 Resp: 265698
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.1
134 25.8 12.6 37.8

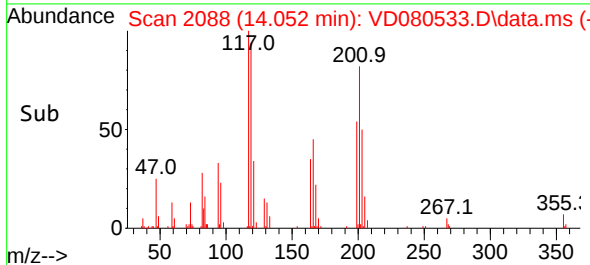
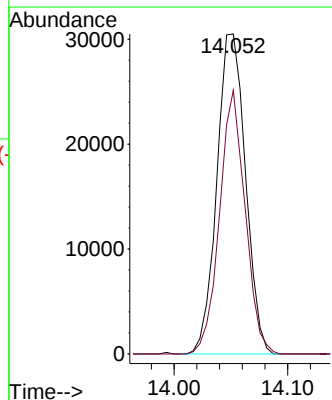
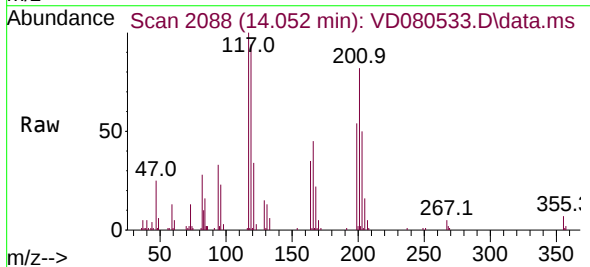
Manual Integrations
APPROVED

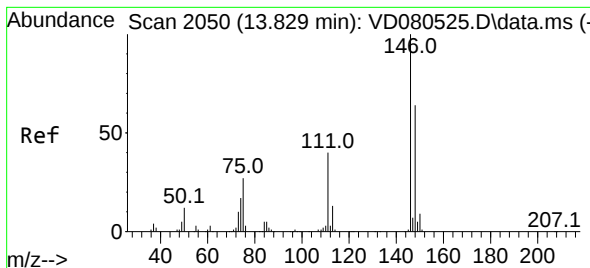
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#90
Hexachloroethane
Concen: 20.877 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion:117 Resp: 53468
Ion Ratio Lower Upper
117 100
201 73.6 36.7 110.1





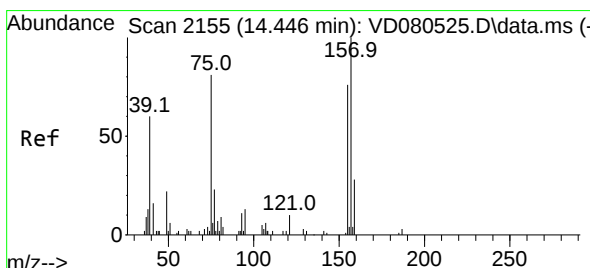
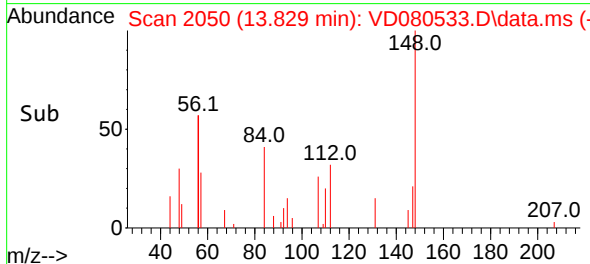
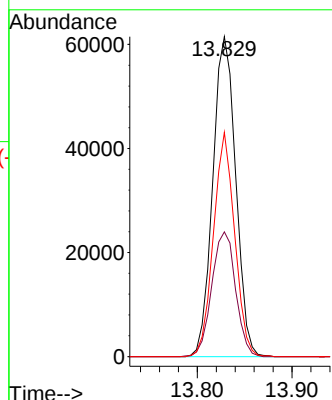
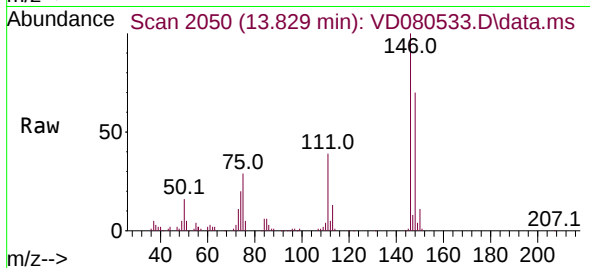
#91
1,2-Dichlorobenzene
Concen: 19.734 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion:146 Resp: 103475
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 64.7 32.2 96.6

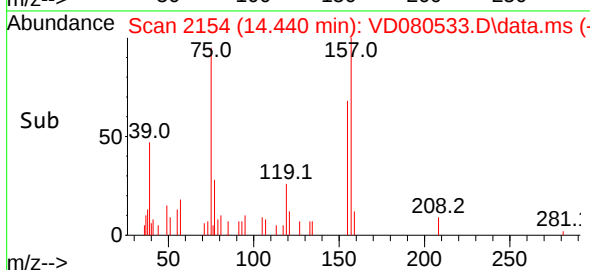
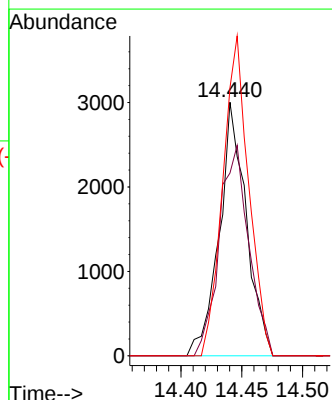
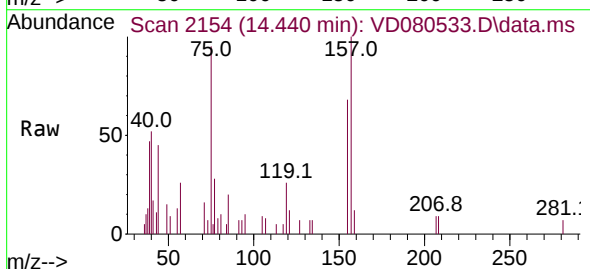
Manual Integrations
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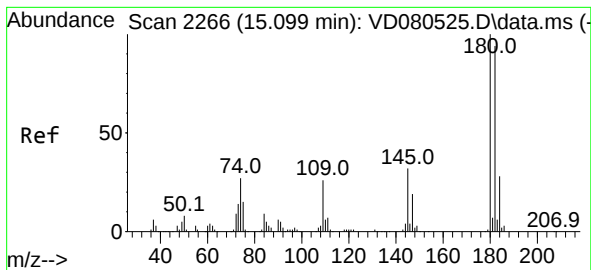
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.792 ug/l
RT: 14.440 min Scan# 2154
Delta R.T. -0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

Tgt Ion: 75 Resp: 4622
Ion Ratio Lower Upper
75 100
155 91.3 46.4 139.2
157 121.5 59.6 178.7





#93

1,2,4-Trichlorobenzene

Concen: 19.980 ug/l

RT: 15.093 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD080533.D

Acq: 18 Nov 2025 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

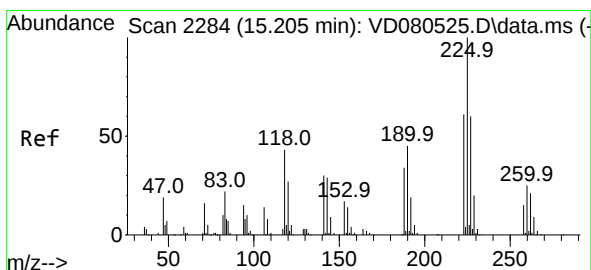
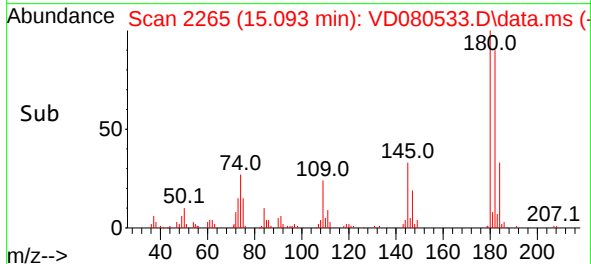
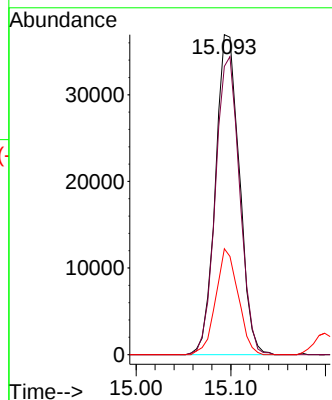
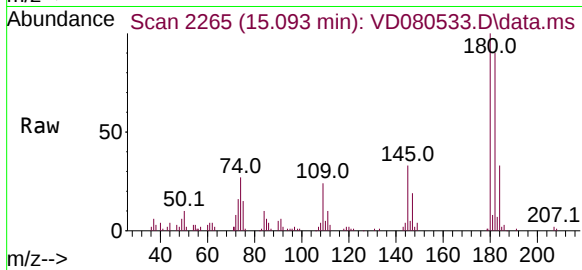
Tgt Ion:180	Resp: 64695
Ion Ratio	Lower Upper
180 100	
182 94.1	47.1 141.4
145 31.1	14.7 44.1

Manual Integrations

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Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#94

Hexachlorobutadiene

Concen: 21.788 ug/l

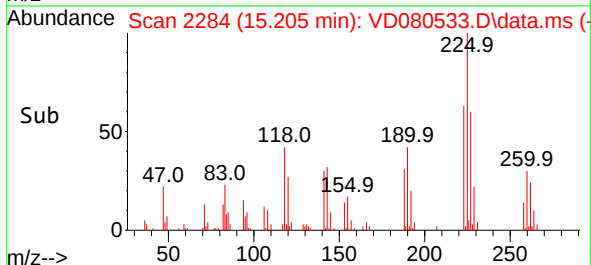
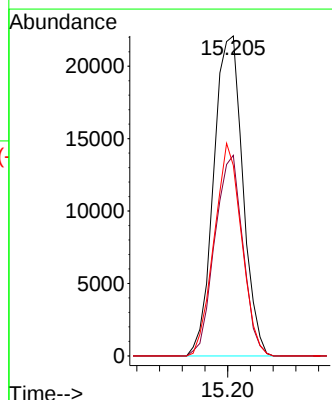
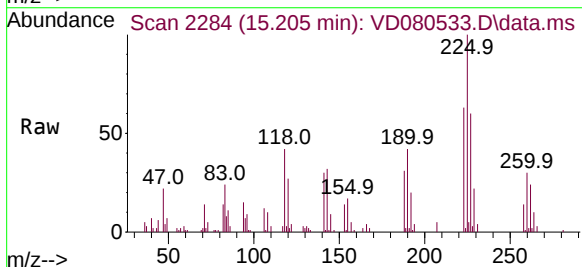
RT: 15.205 min Scan# 2284

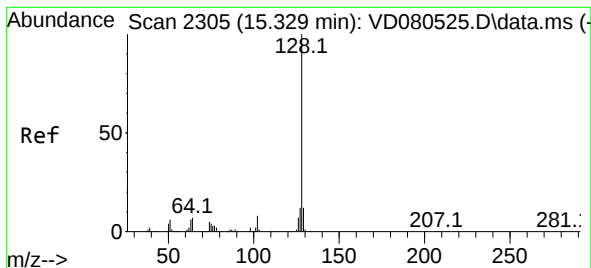
Delta R.T. -0.000 min

Lab File: VD080533.D

Acq: 18 Nov 2025 11:04

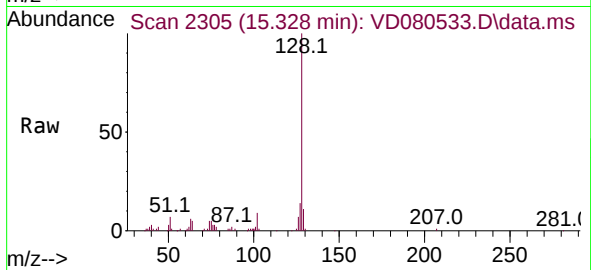
Tgt Ion:225	Resp: 39284
Ion Ratio	Lower Upper
225 100	
223 60.6	31.4 94.0
227 62.7	31.9 95.5





#95
Naphthalene
Concen: 18.469 ug/l
RT: 15.328 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04

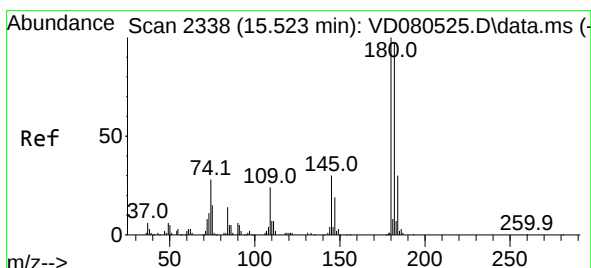
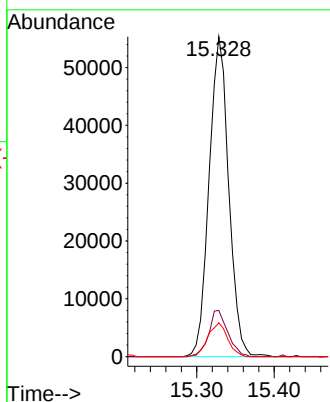
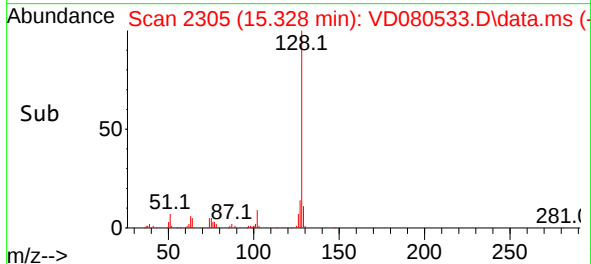
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



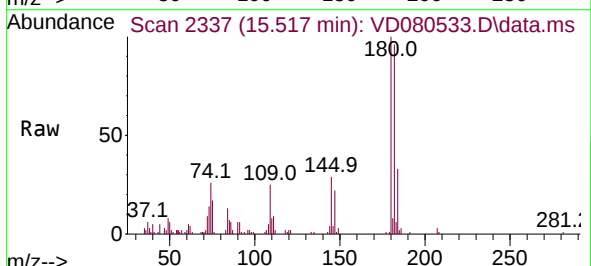
Tgt Ion:128 Resp: 97319
Ion Ratio Lower Upper
128 100
127 14.4 9.8 14.6
129 10.6 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.148 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD080533.D
Acq: 18 Nov 2025 11:04



Tgt Ion:180 Resp: 50228
Ion Ratio Lower Upper
180 100
182 96.8 48.4 145.2
145 32.9 15.9 47.6

