

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111925\
 Data File : VD080542.D
 Acq On : 19 Nov 2025 10:20
 Operator : RP/MD
 Sample : VD1119SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Quant Time: Nov 20 04:04:13 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

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	277340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	453883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	374827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	169553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	103384	44.396	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.800%		
35) Dibromofluoromethane	7.806	113	125186	46.849	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.700%		
50) Toluene-d8	10.270	98	506737	46.878	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.760%		
62) 4-Bromofluorobenzene	12.570	95	143027	46.024	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	41851	20.248	ug/l	99
3) Chloromethane	2.147	50	66285	19.864	ug/l	96
4) Vinyl Chloride	2.288	62	78455	19.843	ug/l	100
5) Bromomethane	2.694	94	60937	20.787	ug/l	98
6) Chloroethane	2.841	64	55409	20.415	ug/l	96
7) Trichlorofluoromethane	3.182	101	89224	19.831	ug/l	96
8) Diethyl Ether	3.594	74	20922	16.873	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.965	101	56690	19.937	ug/l	99
10) Methyl Iodide	4.165	142	68106	18.628	ug/l	99
11) Tert butyl alcohol	5.041	59	10279	94.779	ug/l #	83
12) 1,1-Dichloroethene	3.947	96	58130	19.424	ug/l	97
13) Acrolein	3.800	56	16253	86.147	ug/l	99
14) Allyl chloride	4.564	41	80795	17.289	ug/l	92
15) Acrylonitrile	5.259	53	42392	84.699	ug/l	99
16) Acetone	4.029	43	25542	75.025	ug/l	97
17) Carbon Disulfide	4.276	76	182858	18.988	ug/l	99
18) Methyl Acetate	4.564	43	15894	15.181	ug/l	96
19) Methyl tert-butyl Ether	5.312	73	89957	16.957	ug/l	100
20) Methylene Chloride	4.806	84	66217	19.267	ug/l #	92
21) trans-1,2-Dichloroethene	5.317	96	64159	19.225	ug/l	96
22) Diisopropyl ether	6.211	45	143248	16.963	ug/l	96
23) Vinyl Acetate	6.159	43	372065	84.605	ug/l	99
24) 1,1-Dichloroethane	6.117	63	108419	18.777	ug/l	97
25) 2-Butanone	7.082	43	43545	81.575	ug/l	97
26) 2,2-Dichloropropane	7.076	77	96649	19.463	ug/l	100
27) cis-1,2-Dichloroethene	7.076	96	72545	18.657	ug/l	98
28) Bromochloromethane	7.423	49	37862	17.918	ug/l	91
29) Tetrahydrofuran	7.447	42	28059	78.899	ug/l	95
30) Chloroform	7.600	83	109751	19.383	ug/l	91
31) Cyclohexane	7.876	56	102231	18.483	ug/l	94
32) 1,1,1-Trichloroethane	7.800	97	99565	20.017	ug/l	98
36) 1,1-Dichloropropene	8.011	75	84687	20.502	ug/l	97
37) Ethyl Acetate	7.164	43	20466	16.380	ug/l #	77
38) Carbon Tetrachloride	7.994	117	86676	20.881	ug/l	94
39) Methylcyclohexane	9.276	83	109044	20.008	ug/l	97
40) Benzene	8.253	78	248087	19.396	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	14213	17.413	ug/l	94
42) 1,2-Dichloroethane	8.323	62	53204	19.931	ug/l	99
43) Isopropyl Acetate	8.358	43	42082	17.171	ug/l #	87
44) Trichloroethene	9.029	130	66161	20.462	ug/l	97
45) 1,2-Dichloropropane	9.305	63	54382	18.571	ug/l	97
46) Dibromomethane	9.394	93	27143	18.791	ug/l	96
47) Bromodichloromethane	9.582	83	77381	19.836	ug/l	98
48) Methyl methacrylate	9.382	41	21440	17.623	ug/l	95
49) 1,4-Dioxane	9.382	88	4576	339.847	ug/l	95
51) 4-Methyl-2-Pentanone	10.158	43	96303	84.687	ug/l	100
52) Toluene	10.335	92	156767	19.381	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	64442	18.642	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	82518	18.509	ug/l	97
55) 1,1,2-Trichloroethane	10.729	97	34354	18.591	ug/l	96
56) Ethyl methacrylate	10.594	69	36382	17.063	ug/l	98
57) 1,3-Dichloropropane	10.876	76	60356	18.730	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	111160	92.917	ug/l	100
59) 2-Hexanone	10.917	43	66310	83.413	ug/l	99
60) Dibromochloromethane	11.070	129	46645	18.997	ug/l	99
61) 1,2-Dibromoethane	11.176	107	32781	18.443	ug/l	99
64) Tetrachloroethene	10.811	164	56134	20.820	ug/l	98
65) Chlorobenzene	11.605	112	168582	20.198	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.676	131	49796	19.076	ug/l	97
67) Ethyl Benzene	11.682	91	301682	19.941	ug/l	98
68) m/p-Xylenes	11.794	106	230547	39.847	ug/l	99
69) o-Xylene	12.117	106	106817	19.968	ug/l	98
70) Styrene	12.135	104	174806	19.799	ug/l	98
71) Bromoform	12.294	173	23601	19.354	ug/l #	99
73) Isopropylbenzene	12.417	105	287561	19.980	ug/l	98
74) N-amyl acetate	12.229	43	36327	16.283	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.670	83	31776	17.604	ug/l	100
76) 1,2,3-Trichloropropane	12.723	75	23128m	17.513	ug/l	
77) Bromobenzene	12.699	156	58806	19.249	ug/l	98
78) n-propylbenzene	12.764	91	341818	19.797	ug/l	99
79) 2-Chlorotoluene	12.846	91	185959	19.577	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	223936	19.682	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	10688	15.455	ug/l	94
82) 4-Chlorotoluene	12.946	91	183423	18.994	ug/l	97
83) tert-Butylbenzene	13.164	119	203332	19.875	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	217392	19.418	ug/l	100
85) sec-Butylbenzene	13.341	105	302935	20.001	ug/l	100
86) p-Isopropyltoluene	13.458	119	252967	20.140	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	119184	19.636	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	118056	19.891	ug/l	99
89) n-Butylbenzene	13.782	91	235528	19.665	ug/l	98
90) Hexachloroethane	14.052	117	48291	19.710	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	95724	19.083	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	4396	17.688	ug/l	93
93) 1,2,4-Trichlorobenzene	15.093	180	57605	18.596	ug/l	99
94) Hexachlorobutadiene	15.199	225	35713	20.704	ug/l	97
95) Naphthalene	15.329	128	86306	17.121	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	44753	17.833	ug/l	99

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ClientSampleId :
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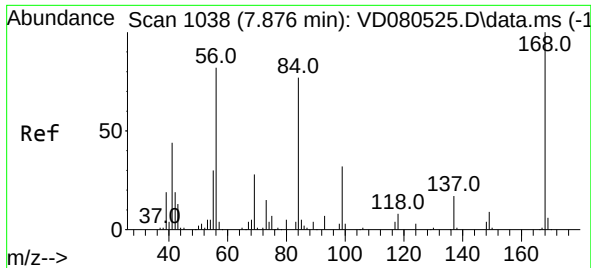
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

Quant Time: Nov 20 04:04:13 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

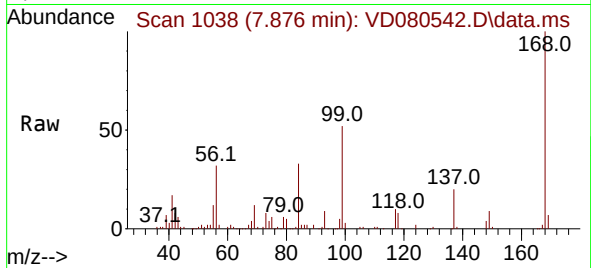
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080542.D
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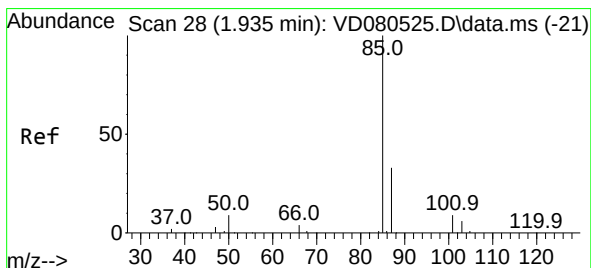
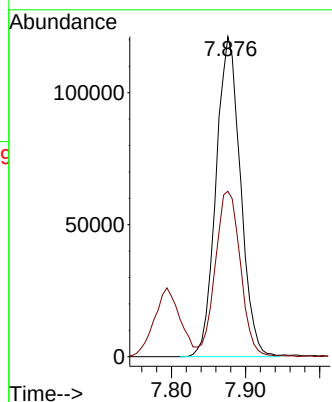
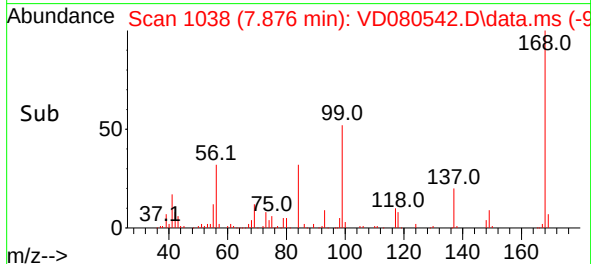
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



Tgt Ion:168 Resp: 277340
Ion Ratio Lower Upper
168 100
99 51.4 42.5 63.7

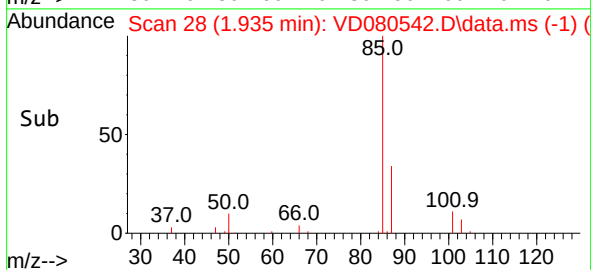
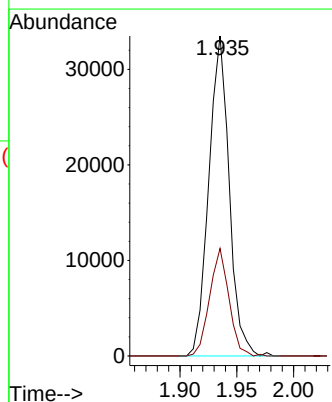
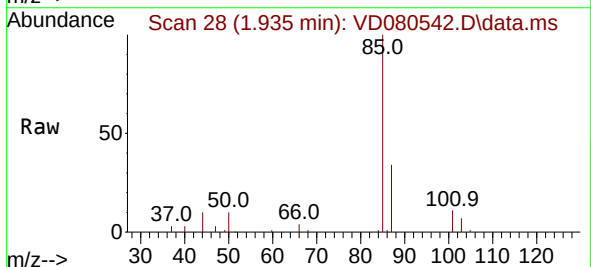
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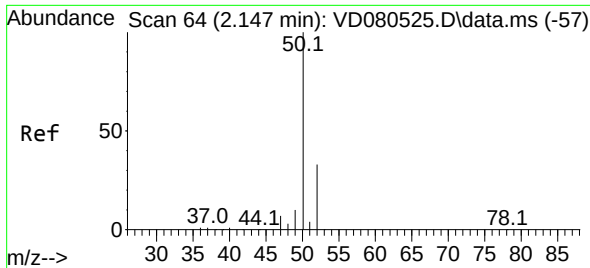
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#2
Dichlorodifluoromethane
Concen: 20.248 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

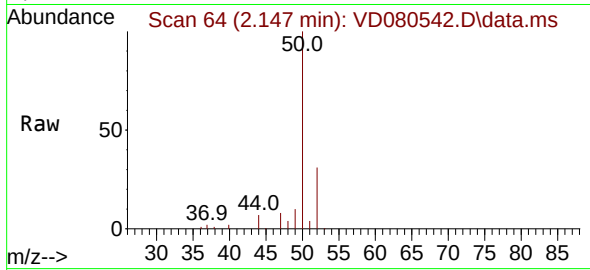
Tgt Ion: 85 Resp: 41851
Ion Ratio Lower Upper
85 100
87 33.6 16.5 49.5





#3
Chloromethane
Concen: 19.864 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

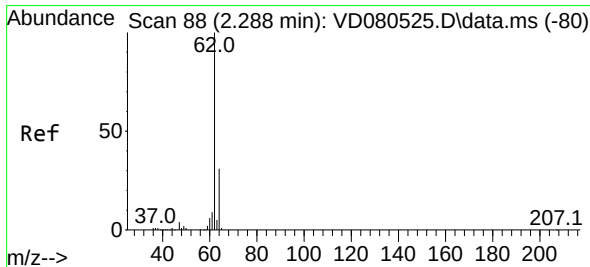
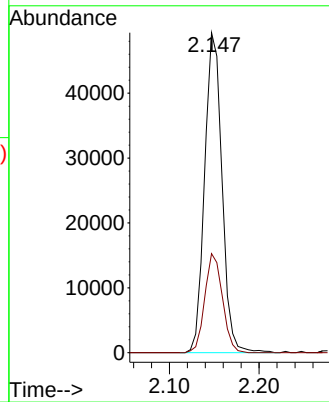
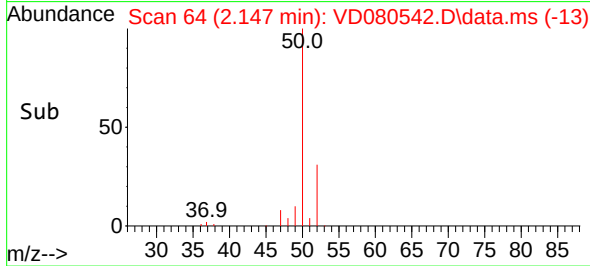
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



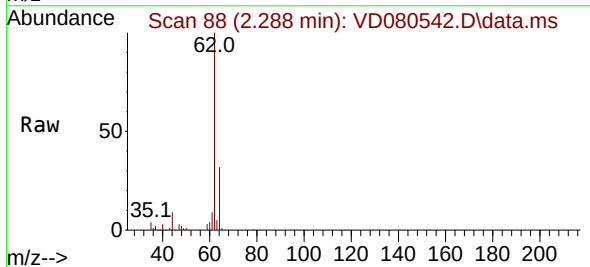
Tgt Ion: 50 Resp: 6628
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7

Manual Integrations
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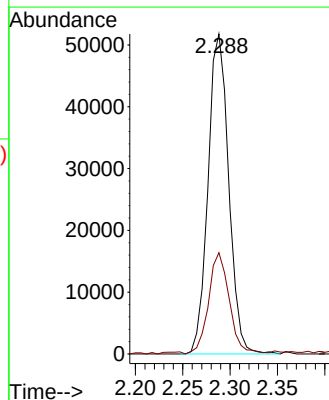
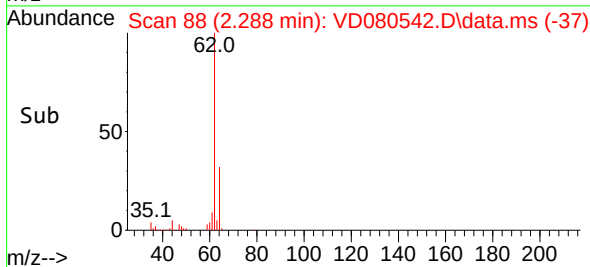
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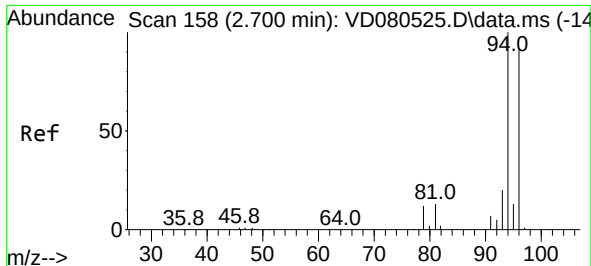


#4
Vinyl Chloride
Concen: 19.843 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



Tgt Ion: 62 Resp: 78455
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.6





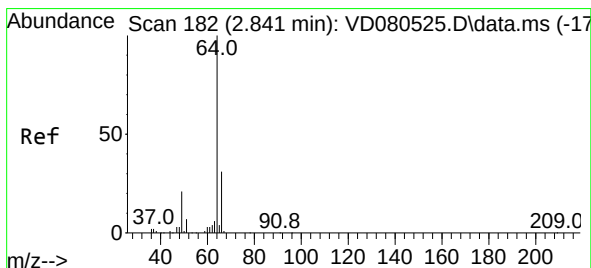
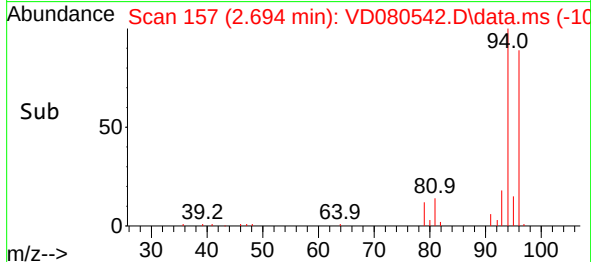
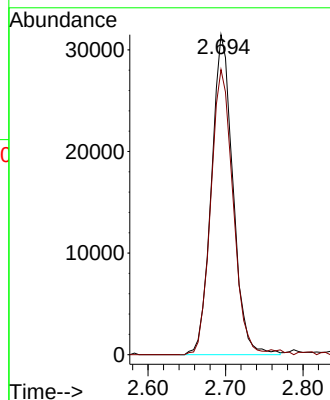
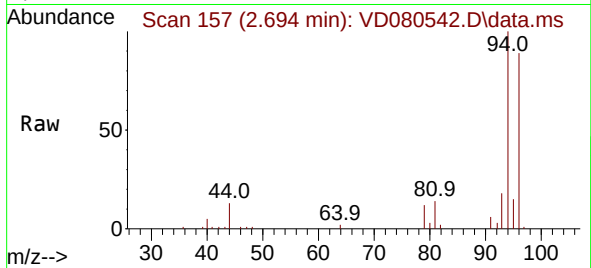
#5
Bromomethane
Concen: 20.787 ug/l
RT: 2.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 94 Resp: 6093
Ion Ratio Lower Upper
94 100
96 91.8 74.6 112.0

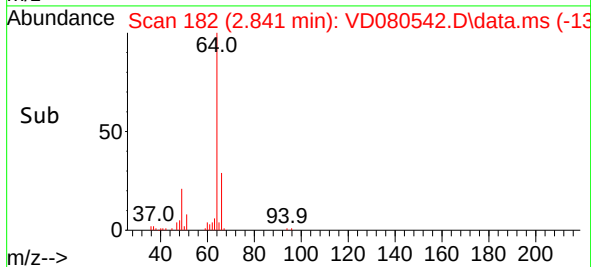
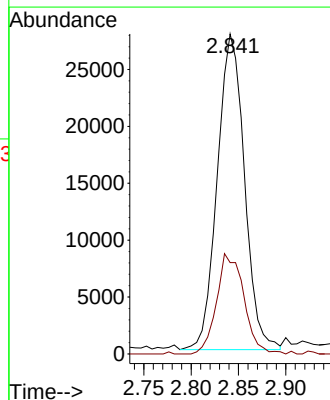
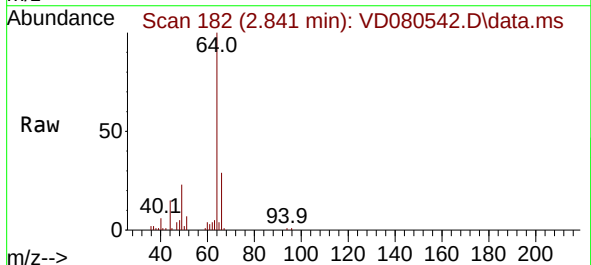
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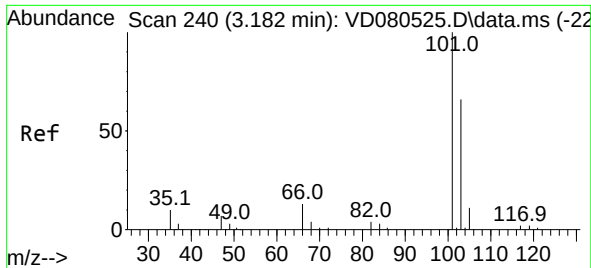
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#6
Chloroethane
Concen: 20.415 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion: 64 Resp: 55409
Ion Ratio Lower Upper
64 100
66 28.9 25.0 37.6





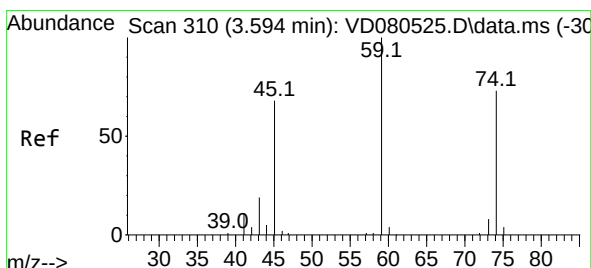
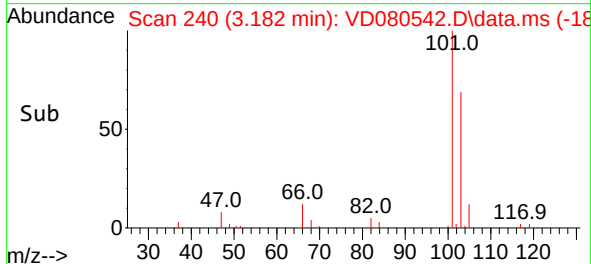
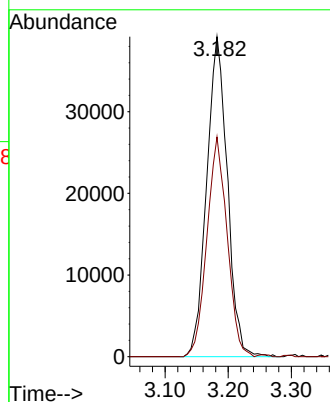
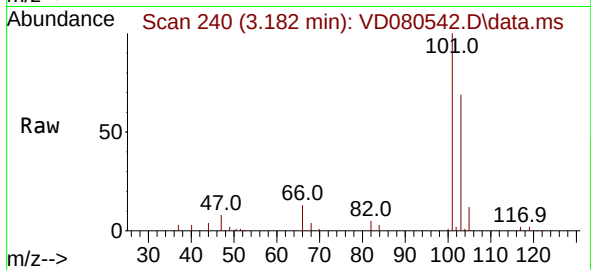
#7
Trichlorofluoromethane
Concen: 19.831 ug/l
RT: 3.182 min Scan# 240
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion:101 Resp: 89224
Ion Ratio Lower Upper
101 100
103 68.6 52.6 78.8

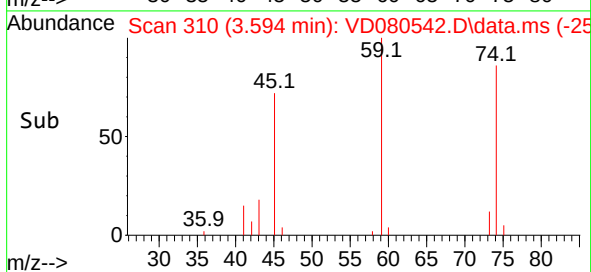
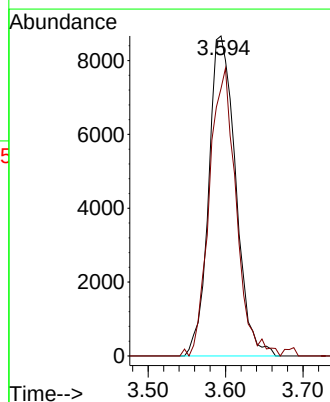
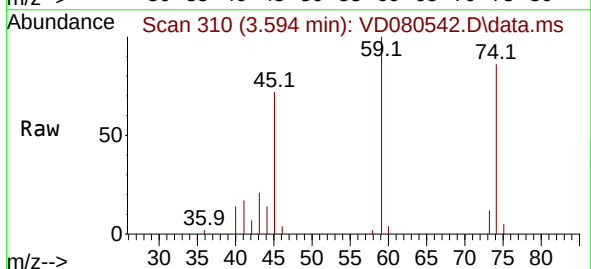
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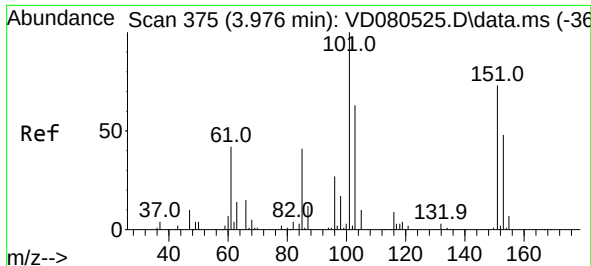
Reviewed By :Amit Patel 11/20/2025
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#8
Diethyl Ether
Concen: 16.873 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion: 74 Resp: 20922
Ion Ratio Lower Upper
74 100
45 89.3 46.9 140.7





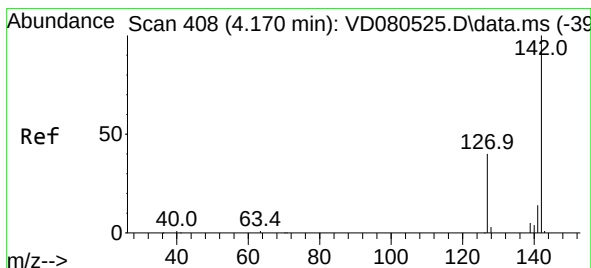
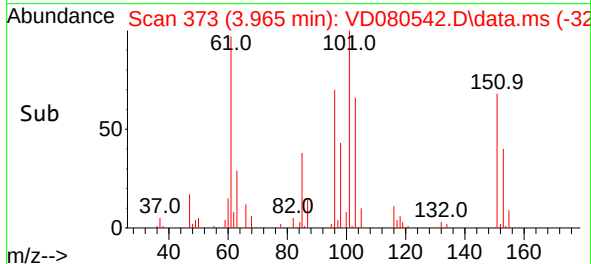
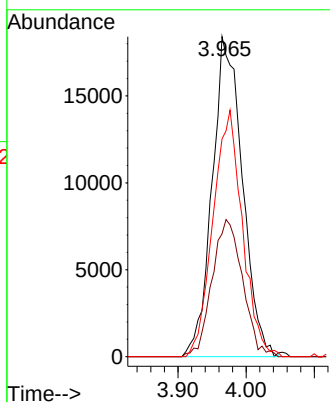
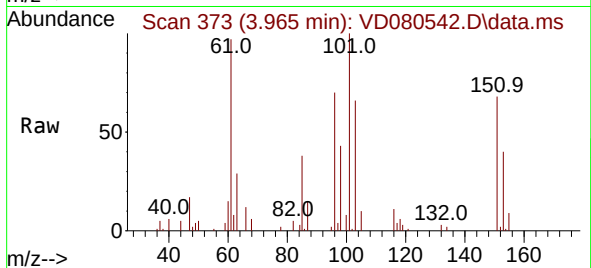
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.937 ug/l
RT: 3.965 min Scan# 311
Delta R.T. -0.012 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion:101 Resp: 56690
Ion Ratio Lower Upper
101 100
85 43.4 33.8 50.6
151 75.0 59.6 89.4

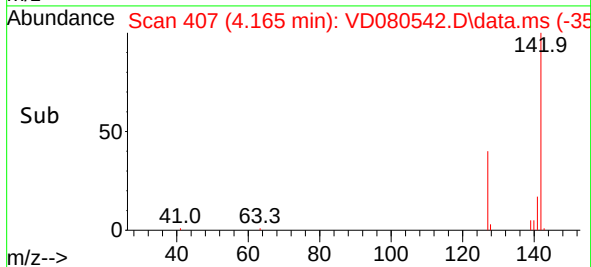
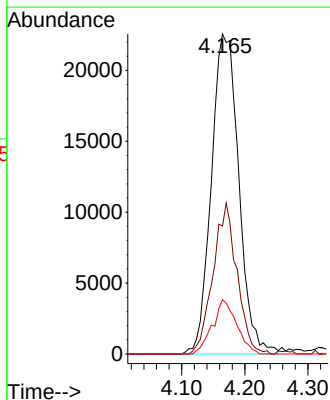
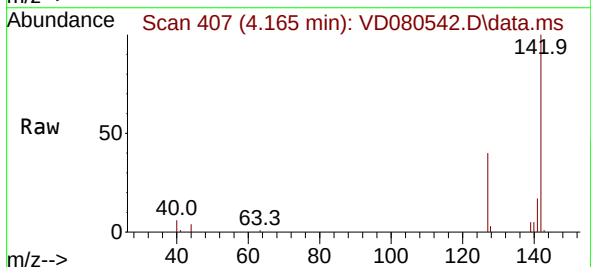
Manual Integrations
APPROVED

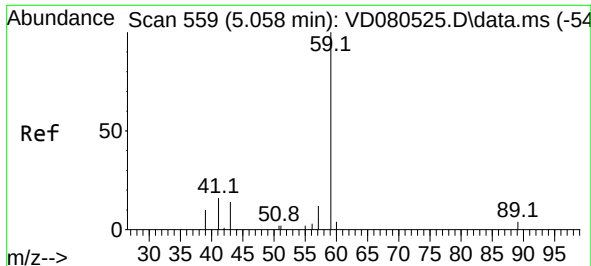
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#10
Methyl Iodide
Concen: 18.628 ug/l
RT: 4.165 min Scan# 407
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

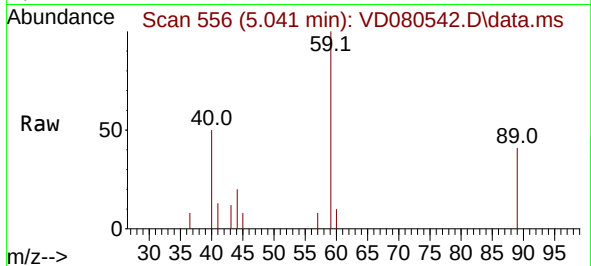
Tgt Ion:142 Resp: 68106
Ion Ratio Lower Upper
142 100
127 41.0 32.6 49.0
141 14.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 94.779 ug/l
RT: 5.041 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

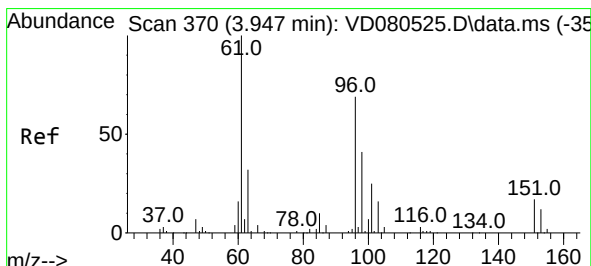
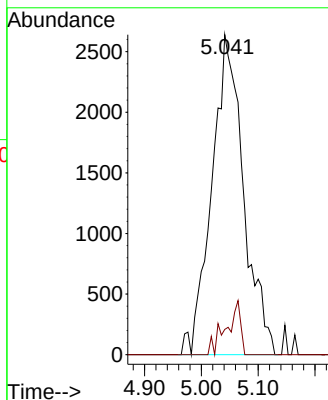
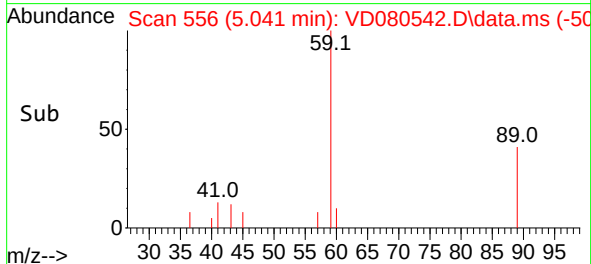
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



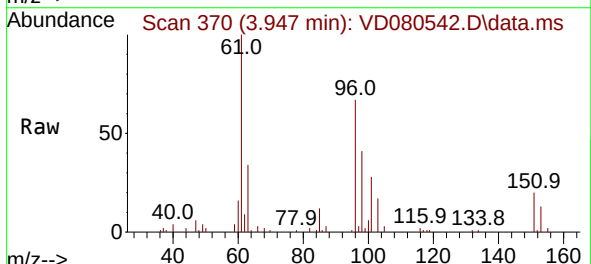
Tgt Ion: 59 Resp: 10279
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7

Manual Integrations
APPROVED

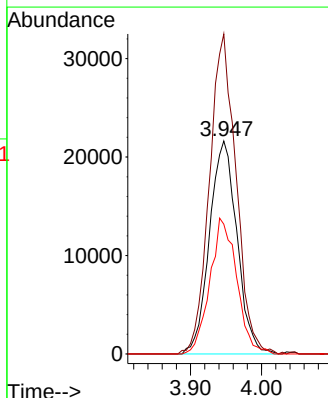
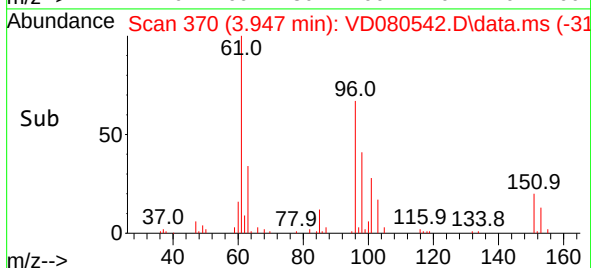
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

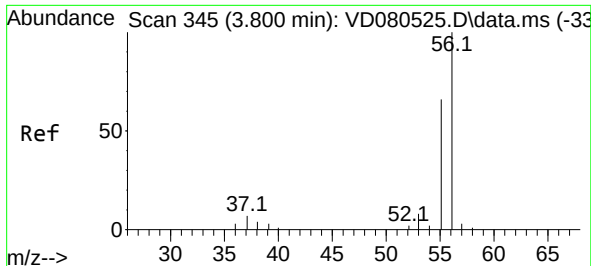


#12
1,1-Dichloroethene
Concen: 19.424 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



Tgt Ion: 96 Resp: 58130
Ion Ratio Lower Upper
96 100
61 150.3 116.2 174.2
98 60.9 47.6 71.4





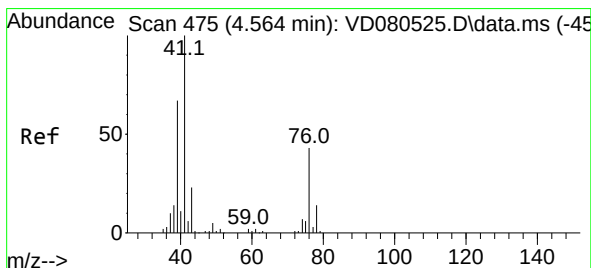
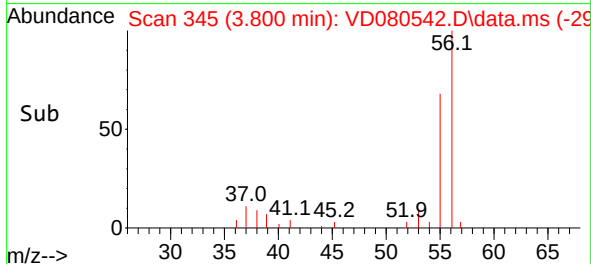
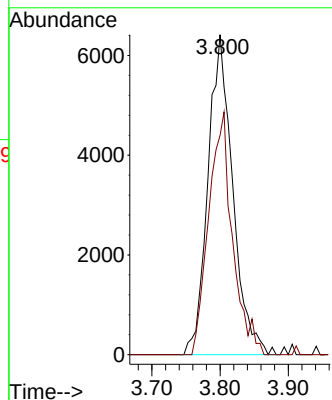
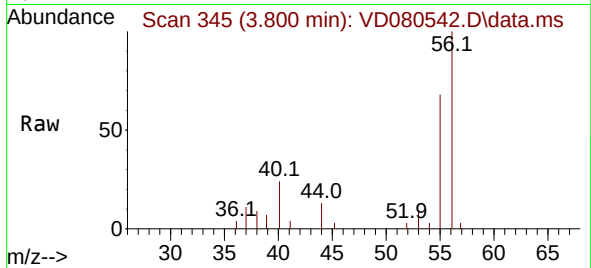
#13
Acrolein
Concen: 86.147 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 56 Resp: 1625
Ion Ratio Lower Upper
56 100
55 72.6 57.2 85.8

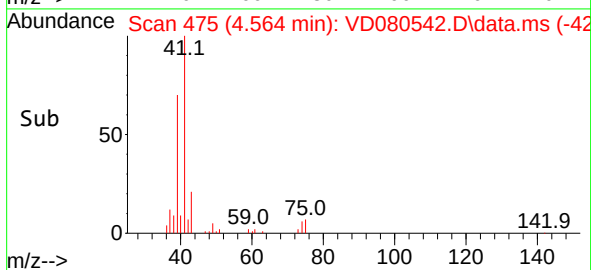
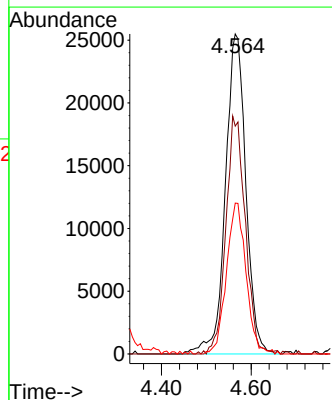
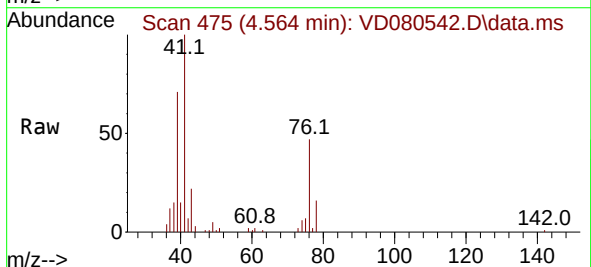
Manual Integrations
APPROVED

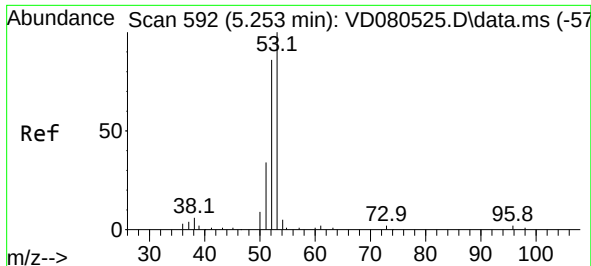
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#14
Allyl chloride
Concen: 17.289 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

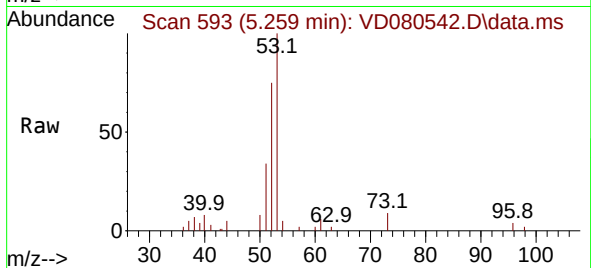
Tgt Ion: 41 Resp: 80795
Ion Ratio Lower Upper
41 100
39 70.3 51.4 77.2
76 45.4 32.6 48.8





#15
Acrylonitrile
Concen: 84.699 ug/l
RT: 5.259 min Scan# 593
Delta R.T. 0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

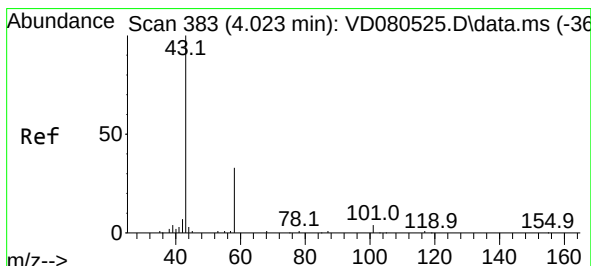
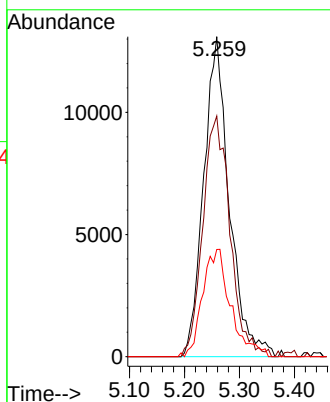
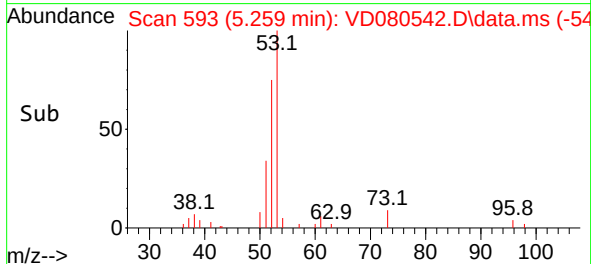
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



Tgt Ion: 53 Resp: 42392
Ion Ratio Lower Upper
53 100
52 79.8 64.9 97.3
51 36.7 28.8 43.2

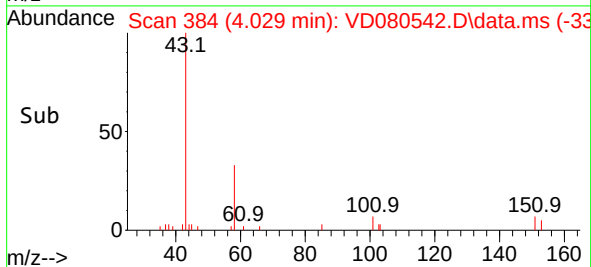
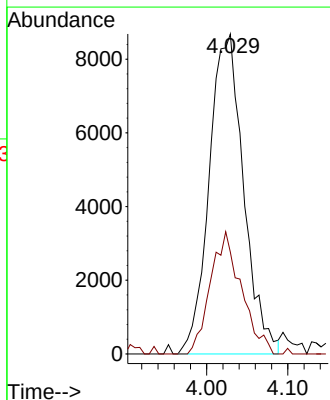
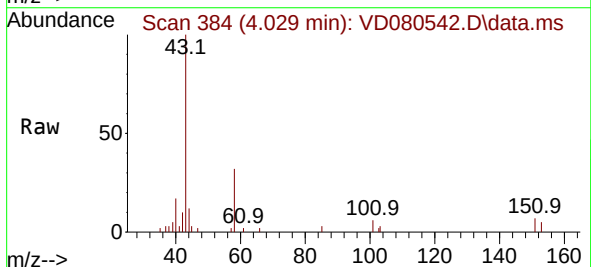
Manual Integrations
APPROVED

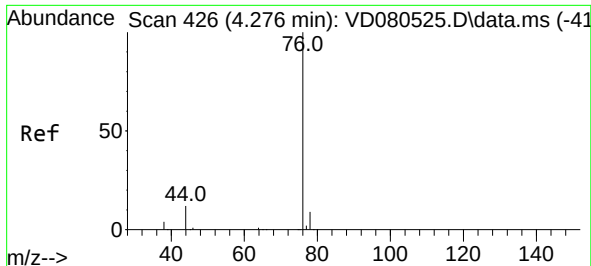
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#16
Acetone
Concen: 75.025 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

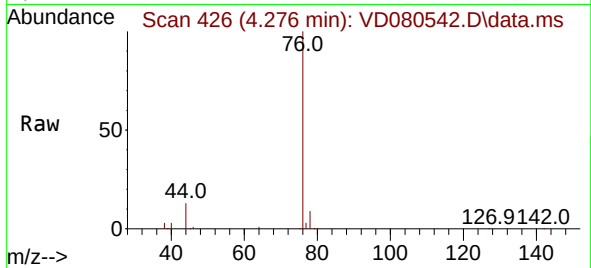
Tgt Ion: 43 Resp: 25542
Ion Ratio Lower Upper
43 100
58 31.8 26.6 40.0





#17
Carbon Disulfide
Concen: 18.988 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

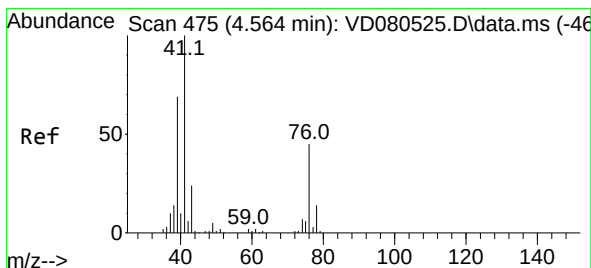
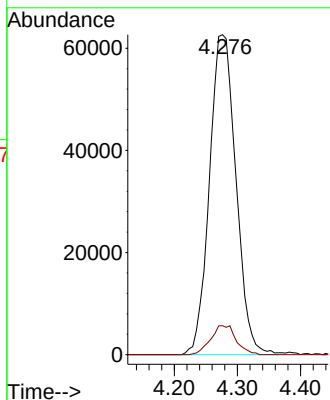
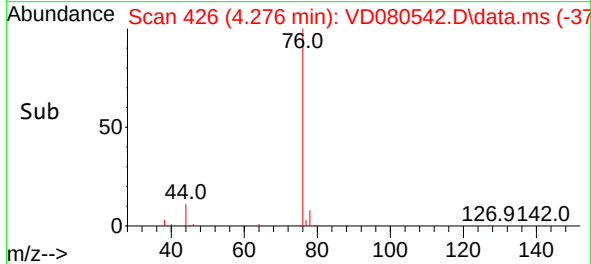
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



Tgt Ion: 76 Resp: 18285
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

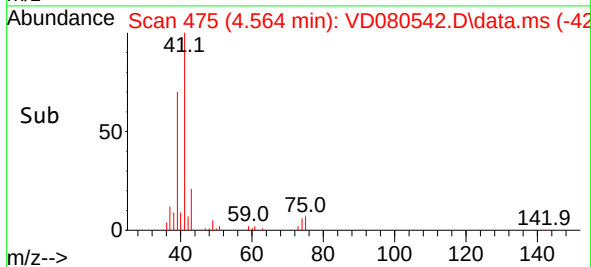
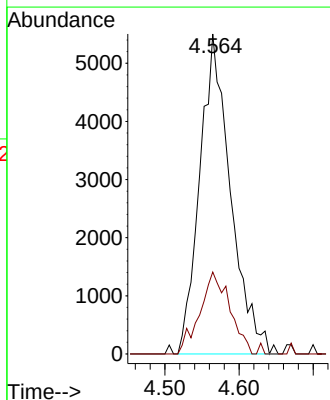
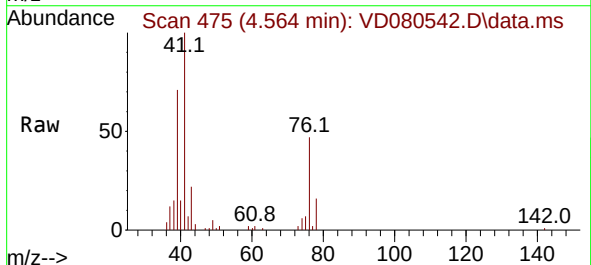
Manual Integrations
APPROVED

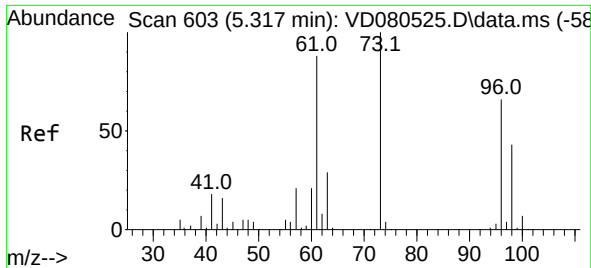
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#18
Methyl Acetate
Concen: 15.181 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

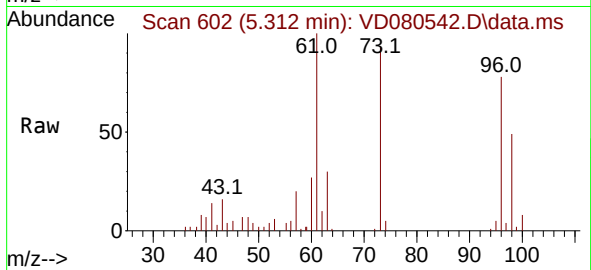
Tgt Ion: 43 Resp: 15894
Ion Ratio Lower Upper
43 100
74 24.9 21.7 32.5





#19
Methyl tert-butyl Ether
Concen: 16.957 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

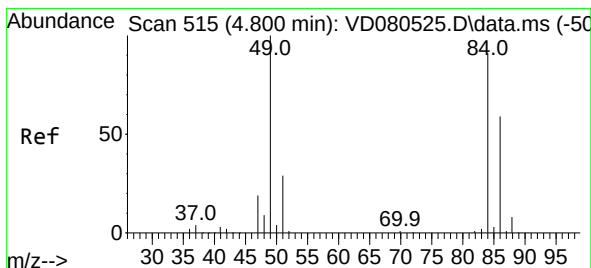
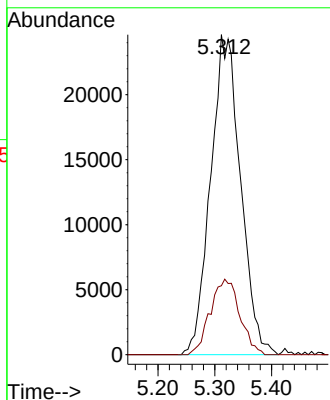
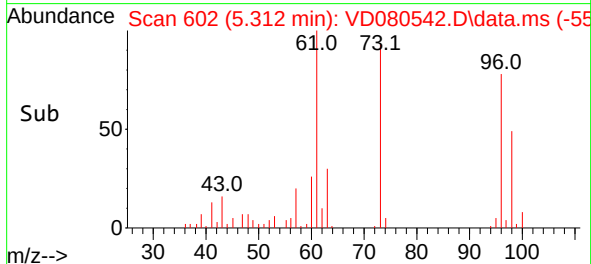
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



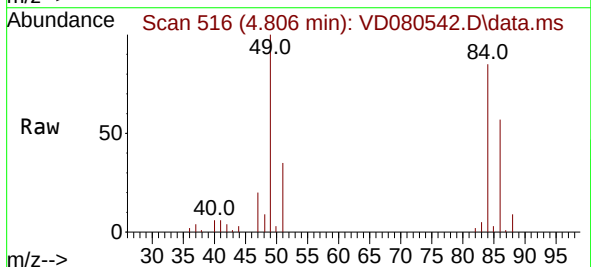
Tgt Ion: 73 Resp: 8995
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7

Manual Integrations
APPROVED

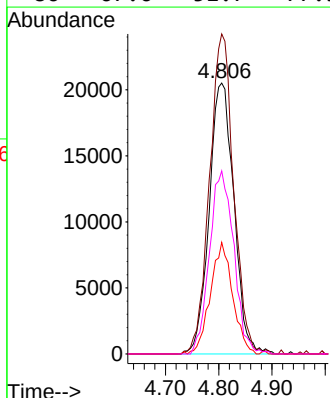
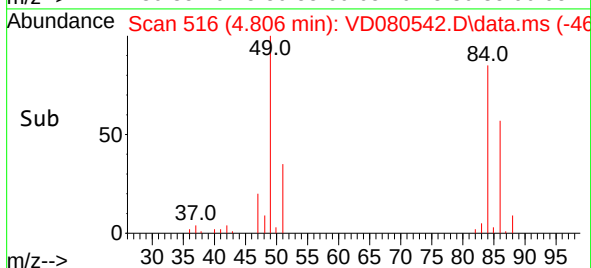
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

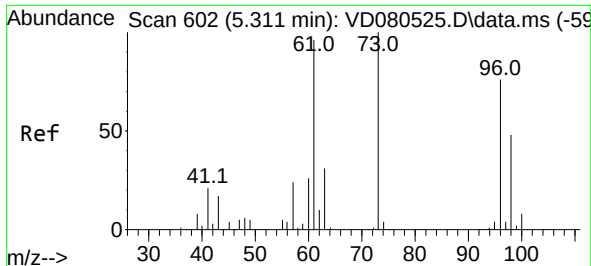


#20
Methylene Chloride
Concen: 19.267 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



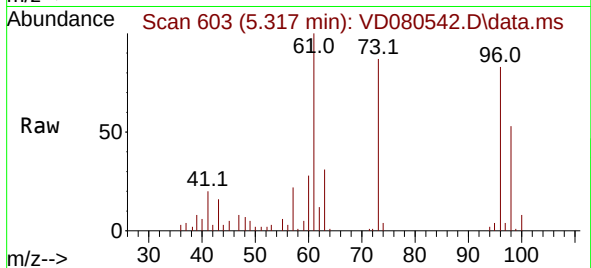
Tgt Ion: 84 Resp: 66217
Ion Ratio Lower Upper
84 100
49 118.1 87.9 131.9
51 41.2 25.4 38.2#
86 67.6 51.7 77.5





#21
trans-1,2-Dichloroethene
Concen: 19.225 ug/l
RT: 5.317 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

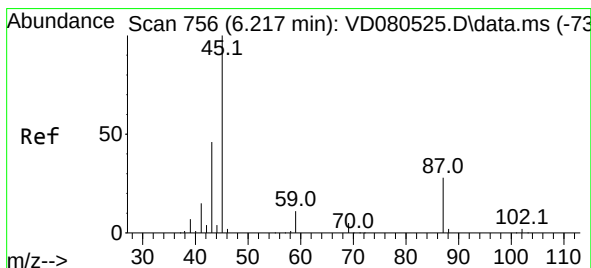
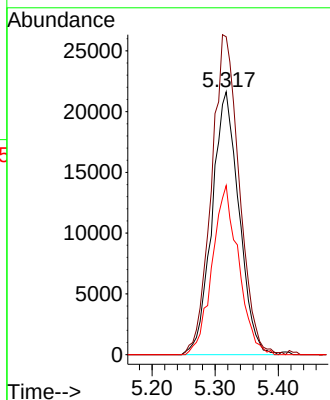
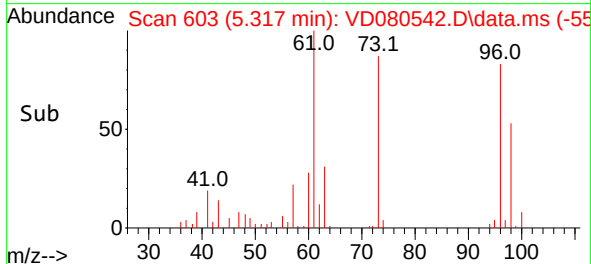
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



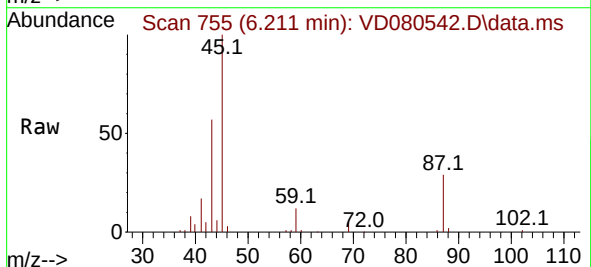
Tgt Ion: 96 Resp: 64159
Ion Ratio Lower Upper
96 100
61 120.9 102.0 153.0
98 64.3 50.5 75.7

Manual Integrations
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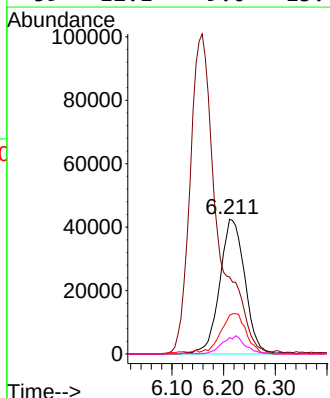
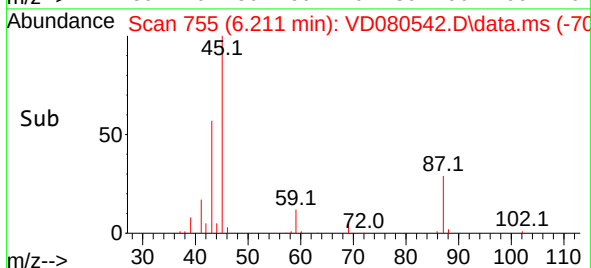
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

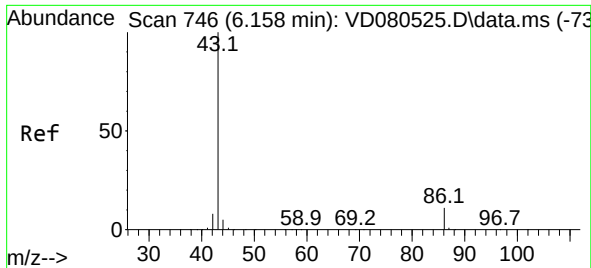


#22
Diisopropyl ether
Concen: 16.963 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



Tgt Ion: 45 Resp: 143248
Ion Ratio Lower Upper
45 100
43 54.7 40.6 60.8
87 28.8 23.0 34.6
59 12.1 9.0 13.4





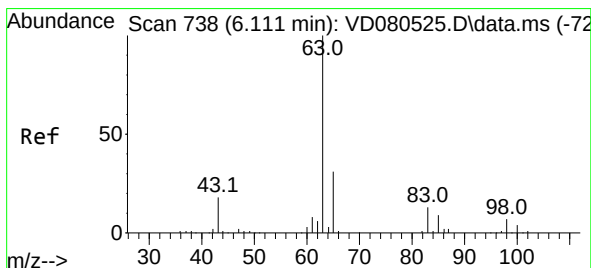
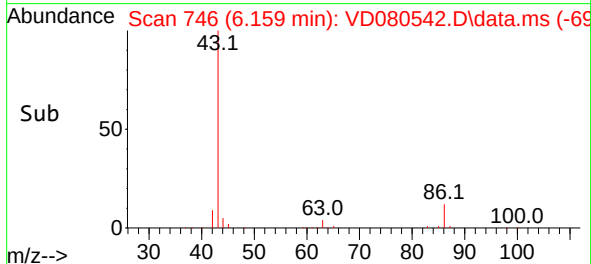
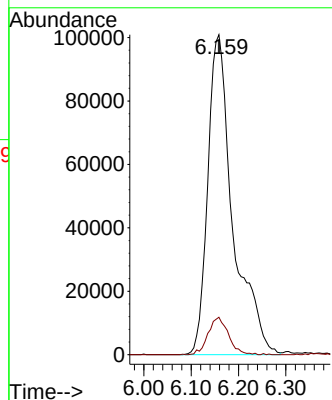
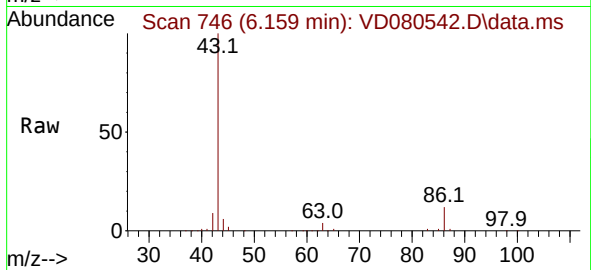
#23
 Vinyl Acetate
 Concen: 84.605 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080542.D
 Acq: 19 Nov 2025 10:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tgt Ion: 43 Resp: 37206
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.1 13.7

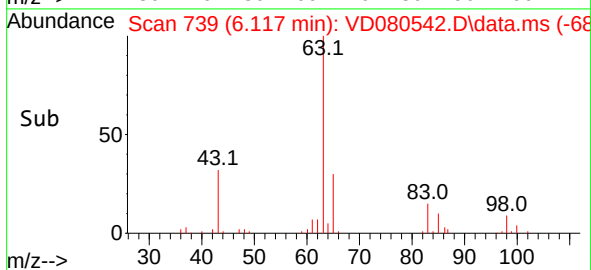
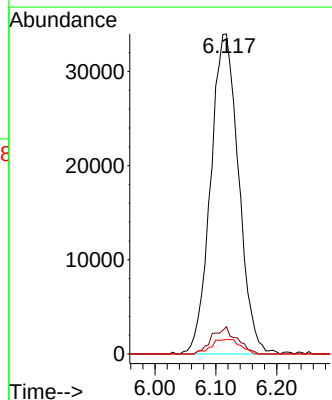
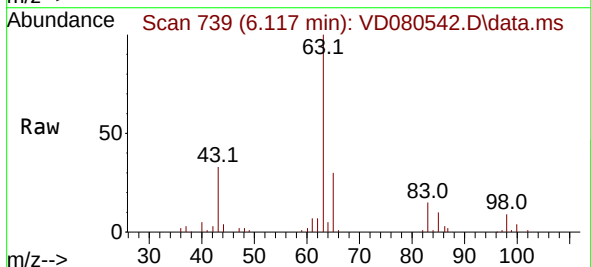
Manual Integrations
 APPROVED

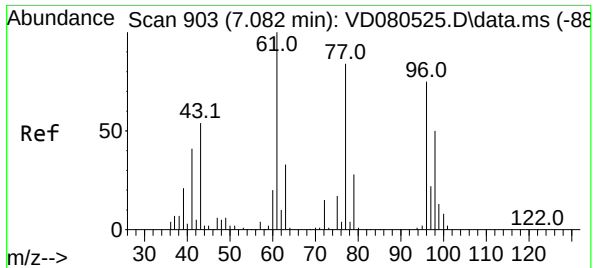
Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#24
 1,1-Dichloroethane
 Concen: 18.777 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD080542.D
 Acq: 19 Nov 2025 10:20

Tgt Ion: 63 Resp: 108419
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.5 10.4
 100 4.5 2.0 6.0





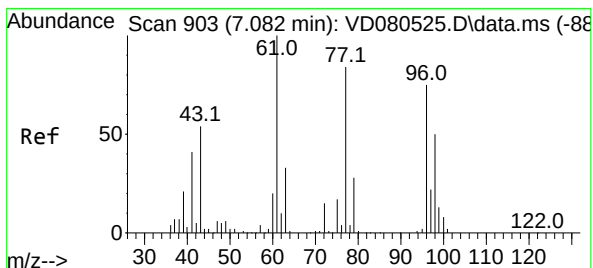
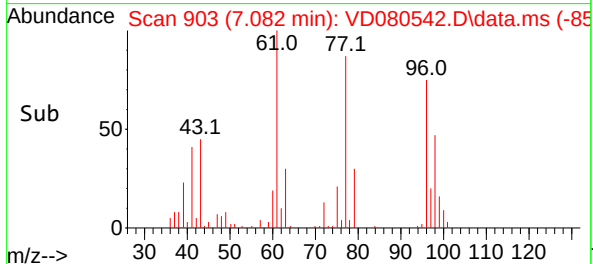
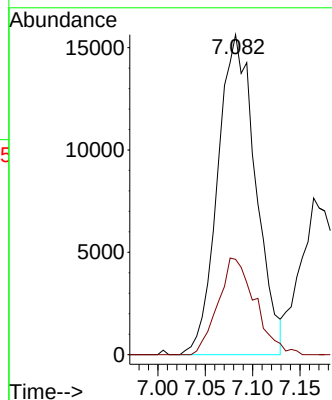
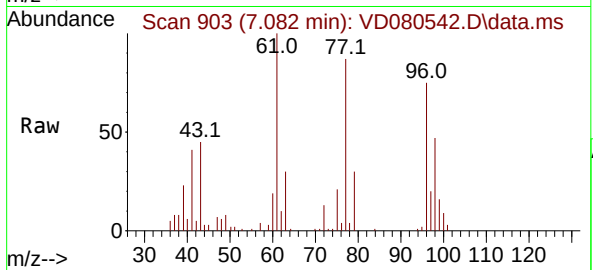
#25
2-Butanone
Concen: 81.575 ug/l
RT: 7.082 min Scan# 901
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 43 Resp: 4354
Ion Ratio Lower Upper
43 100
72 29.8 22.6 34.0

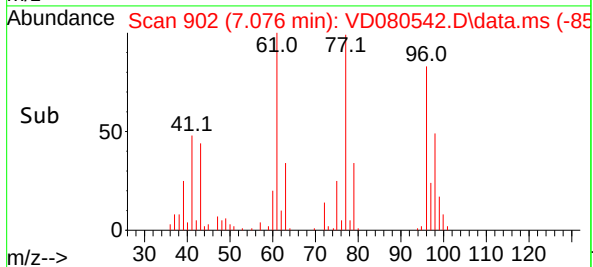
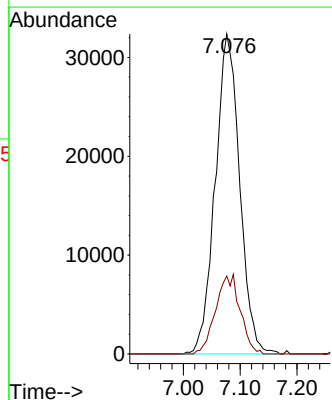
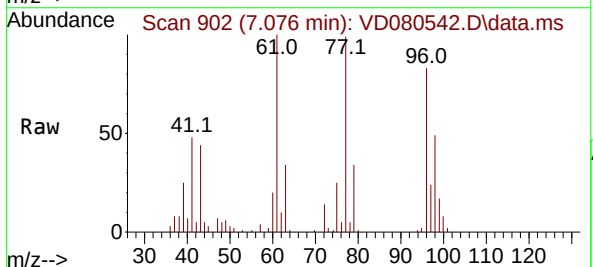
Manual Integrations
APPROVED

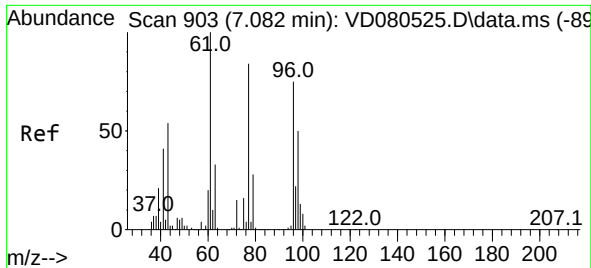
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#26
2,2-Dichloropropane
Concen: 19.463 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion: 77 Resp: 96649
Ion Ratio Lower Upper
77 100
97 24.8 12.4 37.4





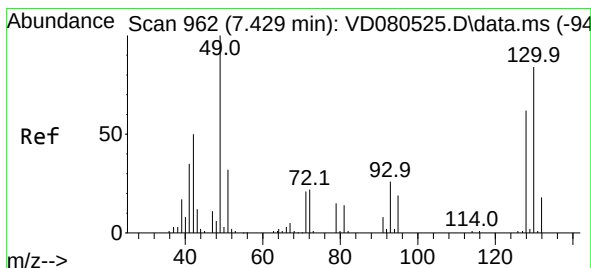
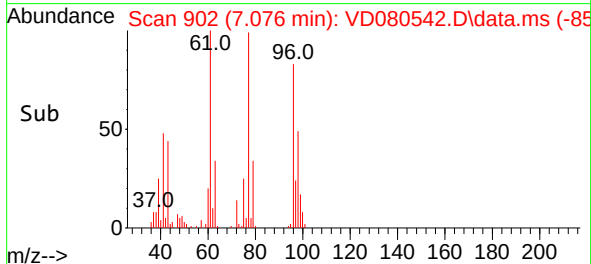
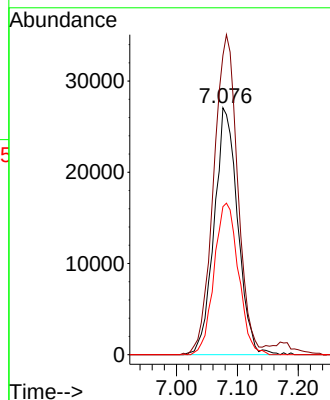
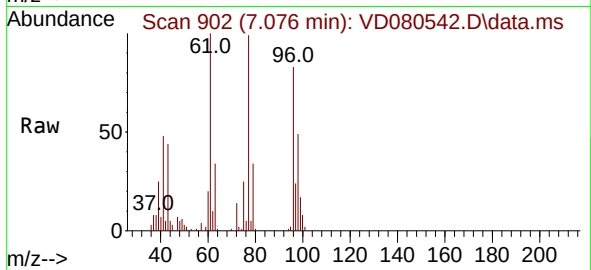
#27
 cis-1,2-Dichloroethene
 Concen: 18.657 ug/l
 RT: 7.076 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VD080542.D
 Acq: 19 Nov 2025 10:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tgt Ion: 96 Resp: 72549
 Ion Ratio Lower Upper
 96 100
 61 132.8 0.0 271.8
 98 63.6 0.0 130.6

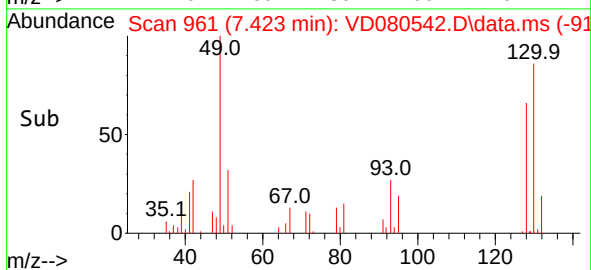
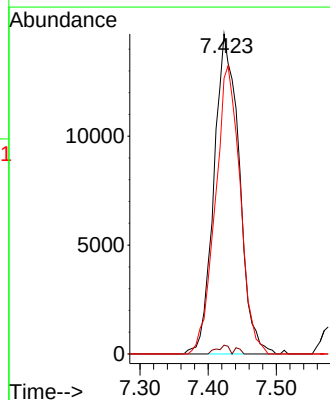
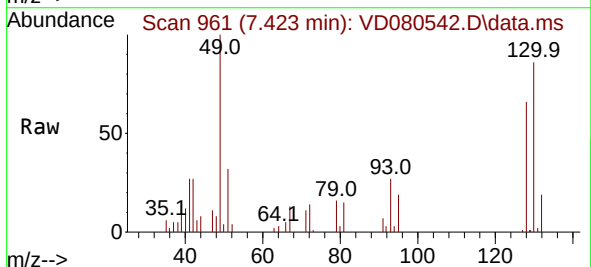
Manual Integrations
 APPROVED

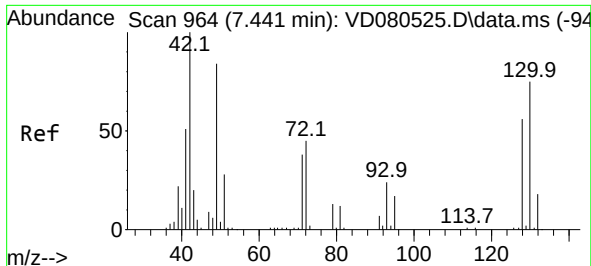
Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#28
 Bromochloromethane
 Concen: 17.918 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.006 min
 Lab File: VD080542.D
 Acq: 19 Nov 2025 10:20

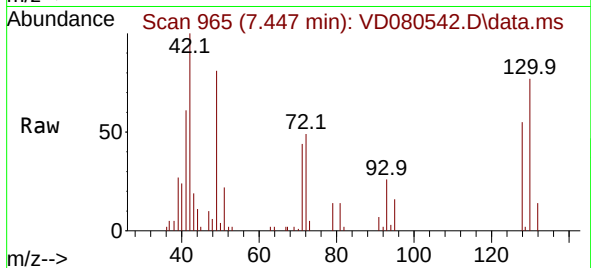
Tgt Ion: 49 Resp: 37862
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.4
 130 88.5 64.3 96.5





#29
Tetrahydrofuran
Concen: 78.899 ug/l
RT: 7.447 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

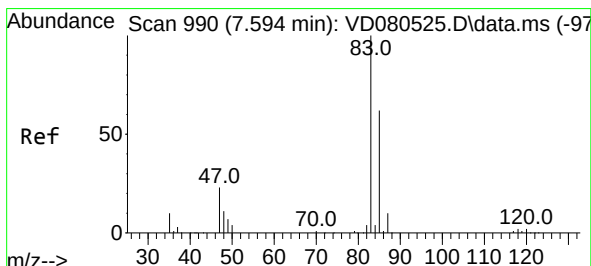
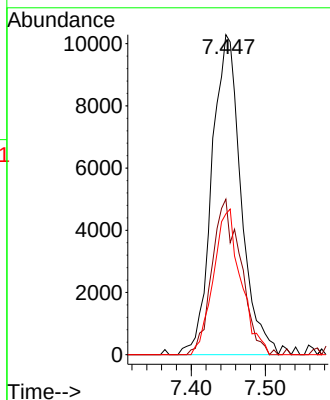
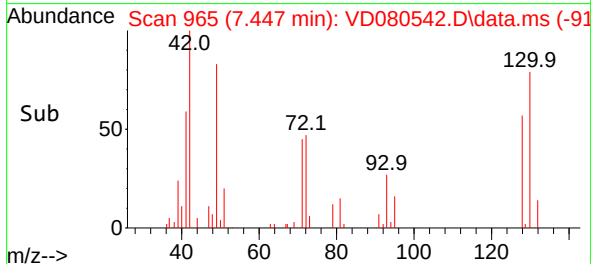
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



Tgt Ion: 42 Resp: 28059
Ion Ratio Lower Upper
42 100
72 48.1 35.4 53.2
71 43.1 32.2 48.4

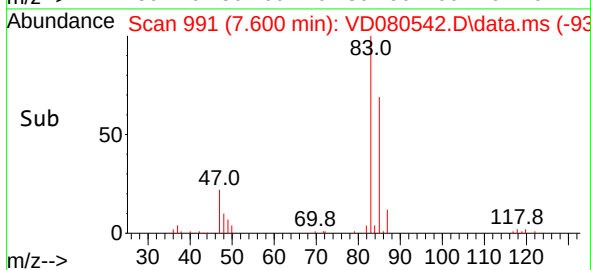
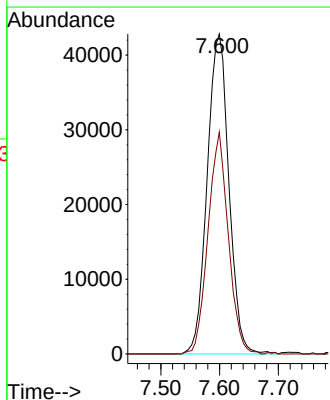
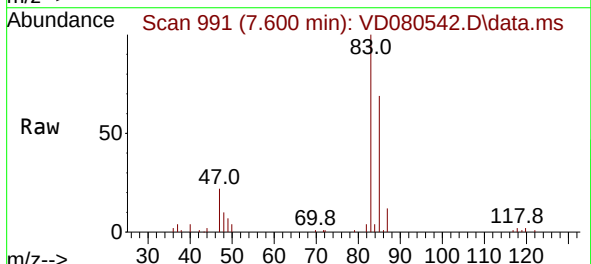
Manual Integrations
APPROVED

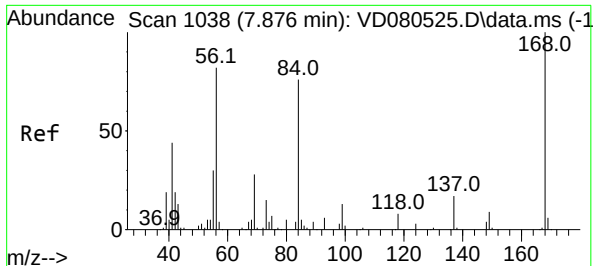
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#30
Chloroform
Concen: 19.383 ug/l
RT: 7.600 min Scan# 991
Delta R.T. 0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

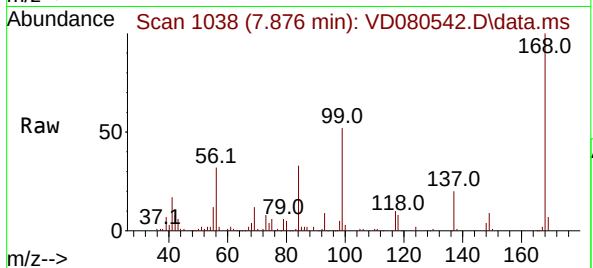
Tgt Ion: 83 Resp: 109751
Ion Ratio Lower Upper
83 100
85 69.4 49.8 74.8





#31
Cyclohexane
Concen: 18.483 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

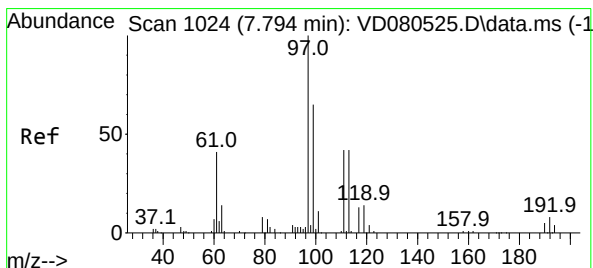
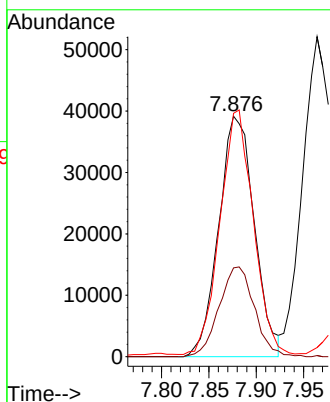
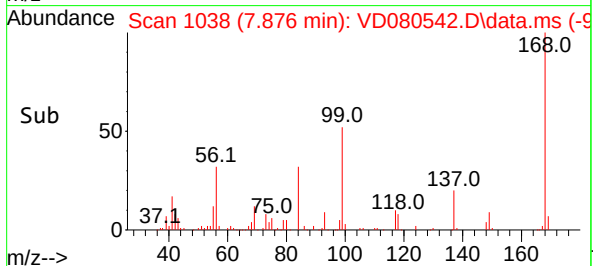
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



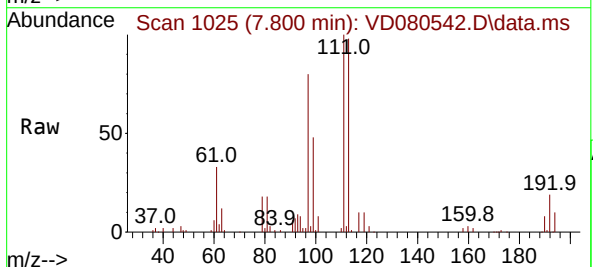
Tgt Ion: 56 Resp: 10223
Ion Ratio Lower Upper
56 100
69 36.9 27.6 41.4
84 100.3 74.6 111.8

Manual Integrations
APPROVED

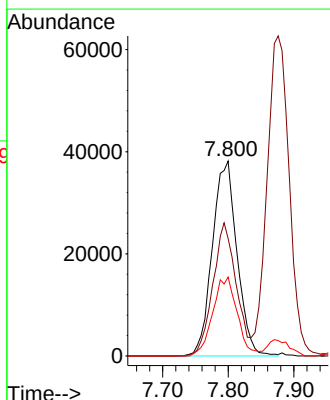
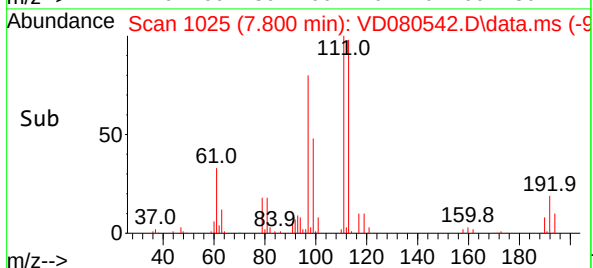
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

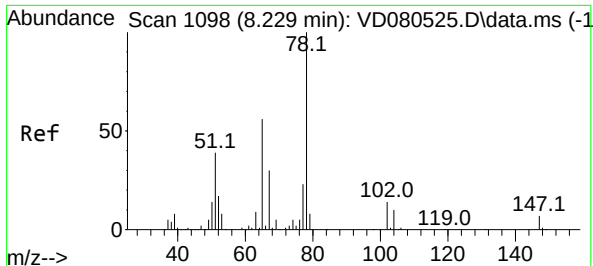


#32
1,1,1-Trichloroethane
Concen: 20.017 ug/l
RT: 7.800 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



Tgt Ion: 97 Resp: 99565
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 40.1 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 44.396 ug/l

RT: 8.235 min Scan# 1098

Delta R.T. 0.006 min

Lab File: VD080542.D

Acq: 19 Nov 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tgt Ion: 65 Resp: 103384

Ion Ratio Lower Upper

65 100

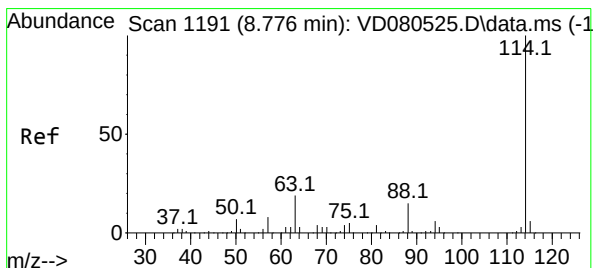
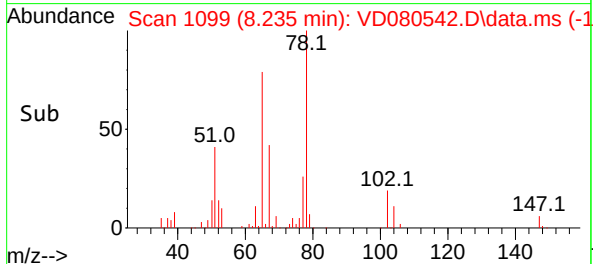
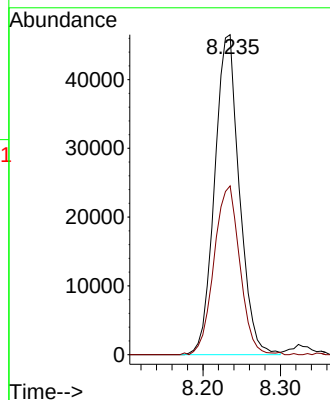
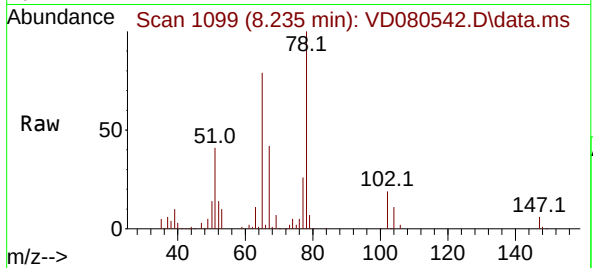
67 55.1 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080542.D

Acq: 19 Nov 2025 10:20

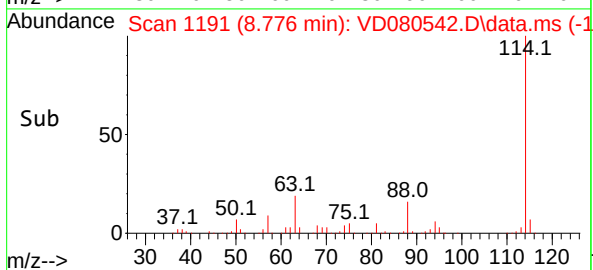
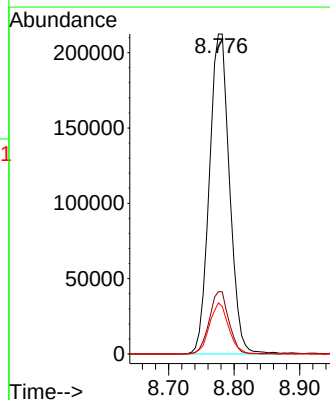
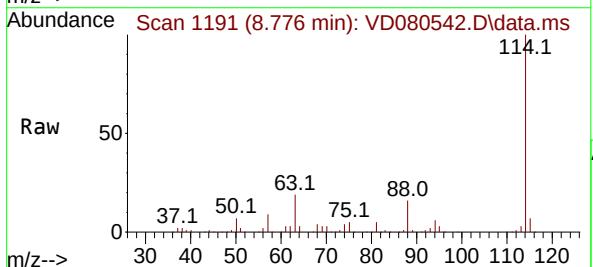
Tgt Ion:114 Resp: 453883

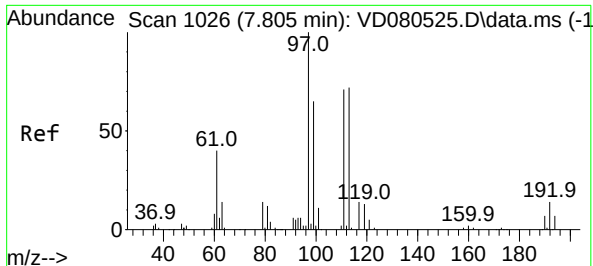
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.2

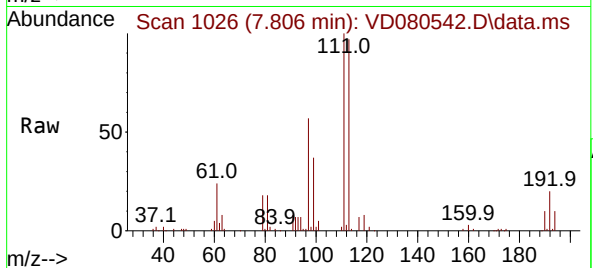
88 15.9 0.0 29.6





#35
Dibromofluoromethane
Concen: 46.849 ug/l
RT: 7.806 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

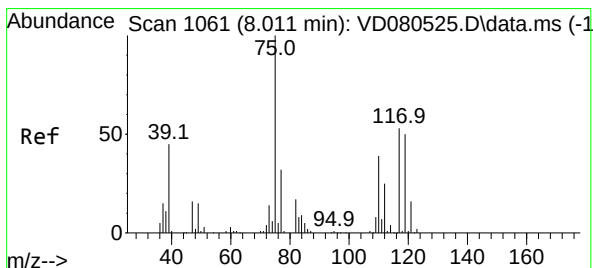
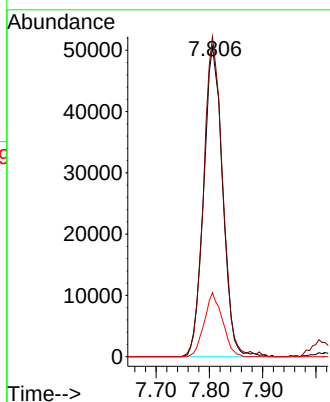
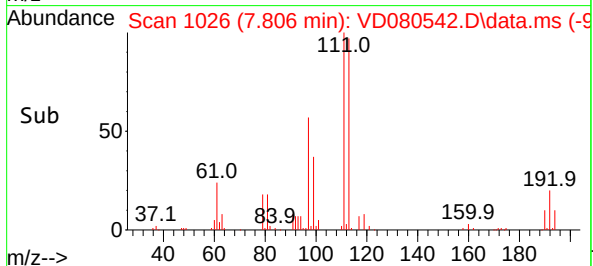
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



Tgt Ion:113 Resp: 125180
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.9 16.0 24.0

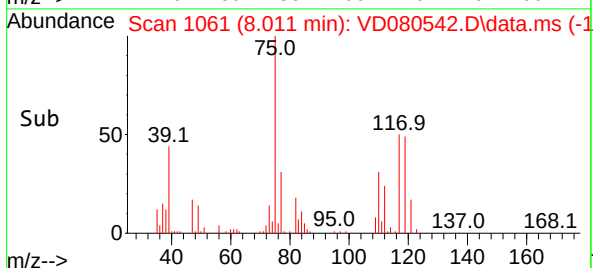
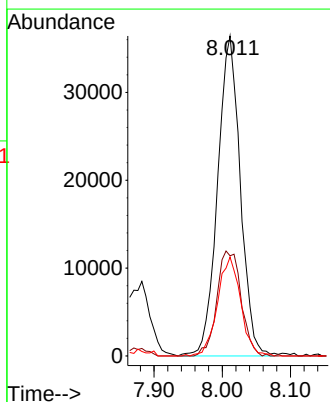
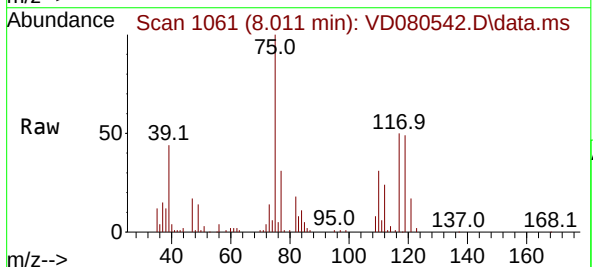
Manual Integrations
APPROVED

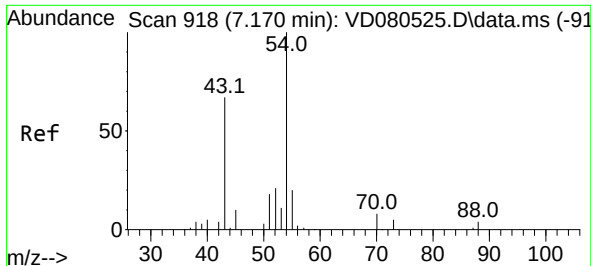
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#36
1,1-Dichloropropene
Concen: 20.502 ug/l
RT: 8.011 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion: 75 Resp: 84687
Ion Ratio Lower Upper
75 100
110 34.9 18.9 56.5
77 31.5 25.8 38.8





#37

Ethyl Acetate

Concen: 16.380 ug/l

RT: 7.164 min Scan# 917

Delta R.T. -0.006 min

Lab File: VD080542.D

Acq: 19 Nov 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tgt Ion: 43 Resp: 20460

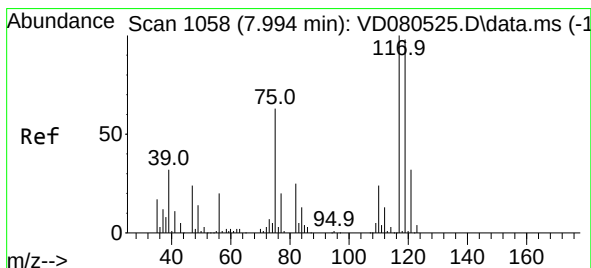
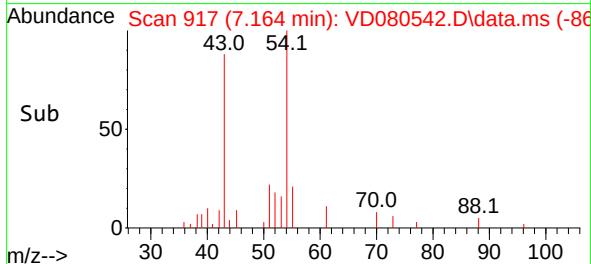
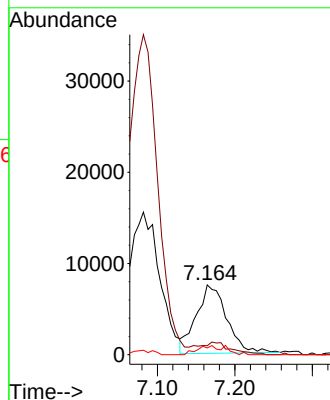
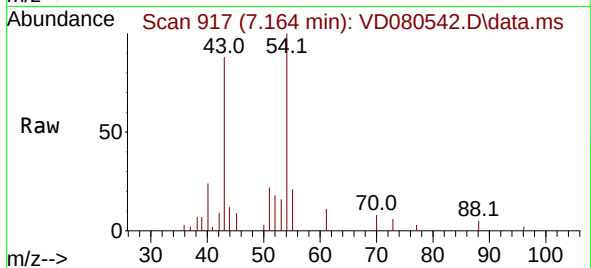
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.9	17.9
70	8.8	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#38

Carbon Tetrachloride

Concen: 20.881 ug/l

RT: 7.994 min Scan# 1058

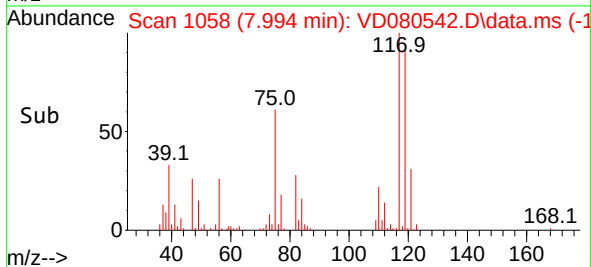
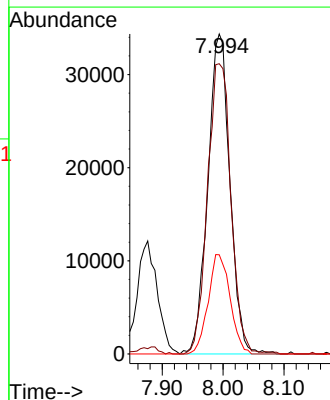
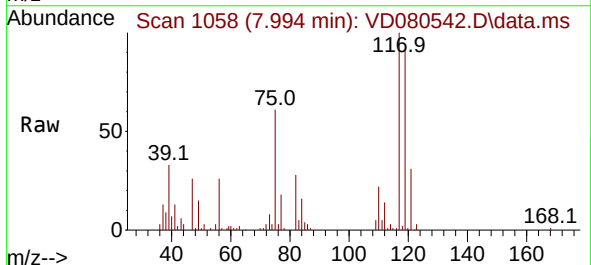
Delta R.T. 0.000 min

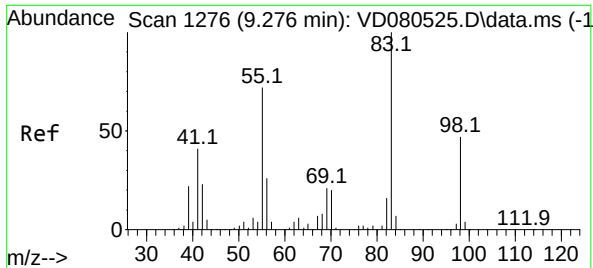
Lab File: VD080542.D

Acq: 19 Nov 2025 10:20

Tgt Ion:117 Resp: 86676

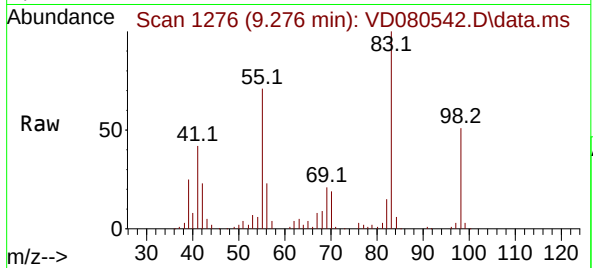
Ion	Ratio	Lower	Upper
117	100		
119	90.7	78.2	117.4
121	31.0	25.8	38.6





#39
Methylcyclohexane
Concen: 20.008 ug/l
RT: 9.276 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

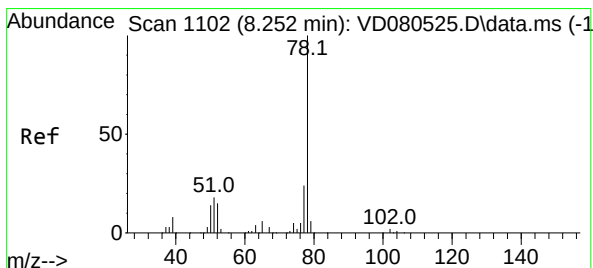
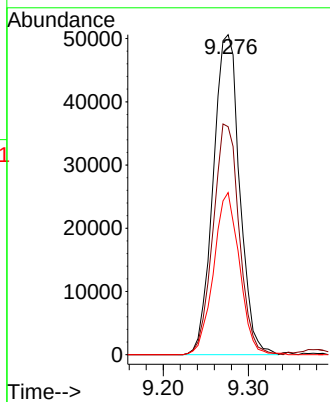
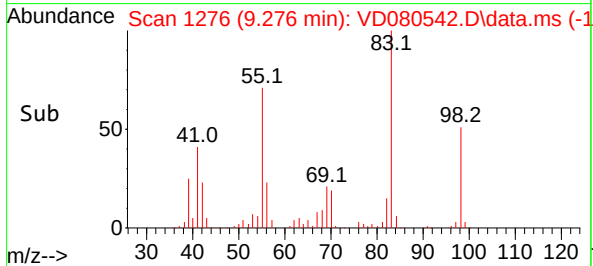
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



Tgt Ion: 83 Resp: 109044
Ion Ratio Lower Upper
83 100
55 71.3 57.8 86.8
98 50.7 37.8 56.8

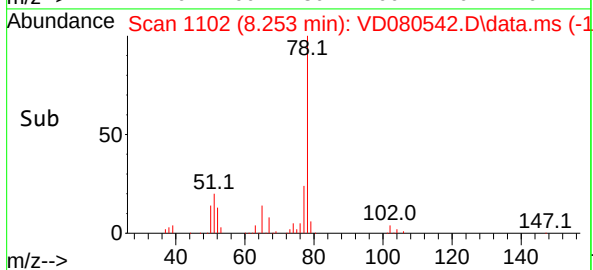
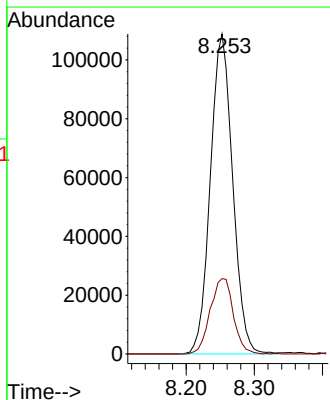
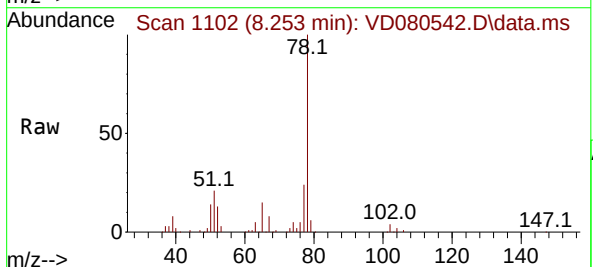
Manual Integrations
APPROVED

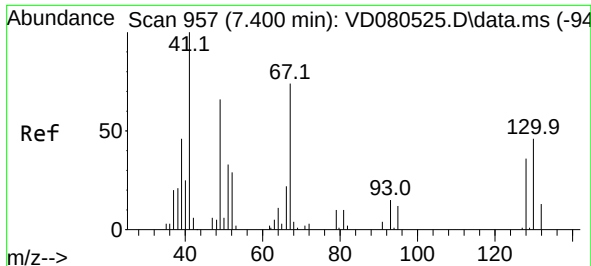
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#40
Benzene
Concen: 19.396 ug/l
RT: 8.253 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion: 78 Resp: 248087
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





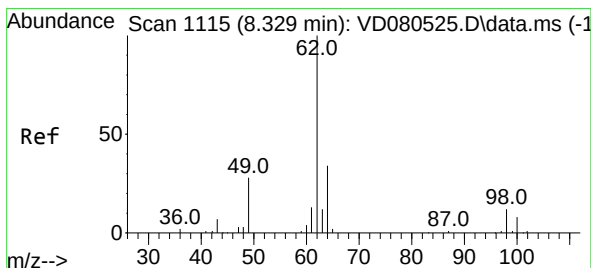
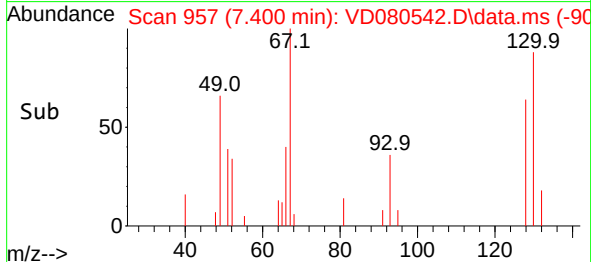
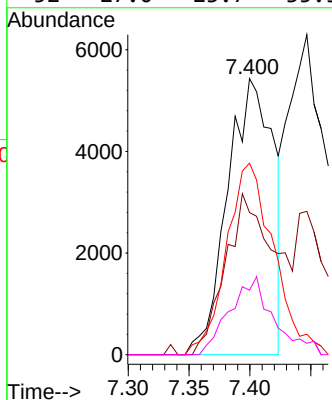
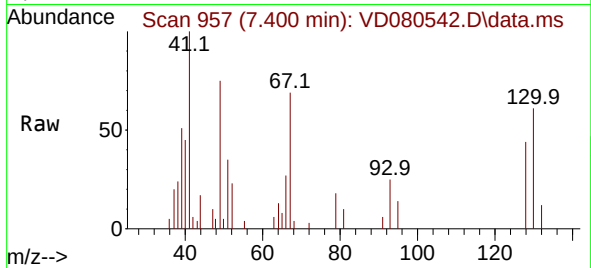
#41
Methacrylonitrile
Concen: 17.413 ug/l
RT: 7.400 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 41 Resp: 1421
Ion Ratio Lower Upper
41 100
39 55.5 44.3 66.5
67 71.6 64.0 96.0
52 27.0 23.7 35.5

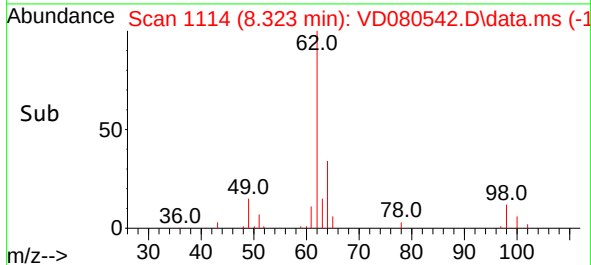
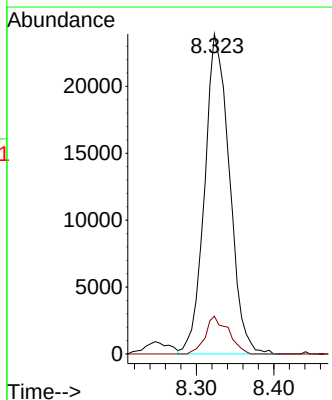
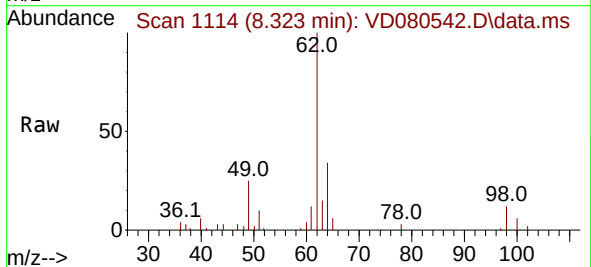
Manual Integrations
APPROVED

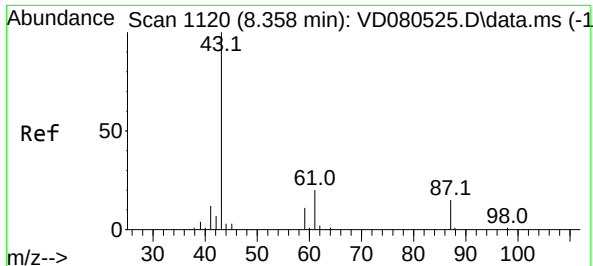
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#42
1,2-Dichloroethane
Concen: 19.931 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion: 62 Resp: 53204
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.8





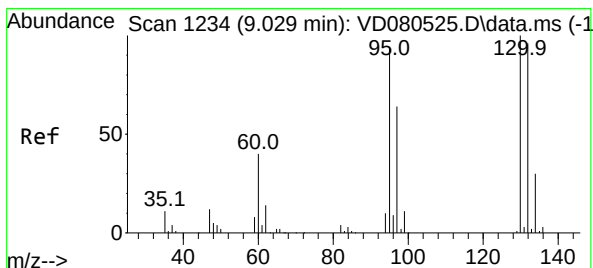
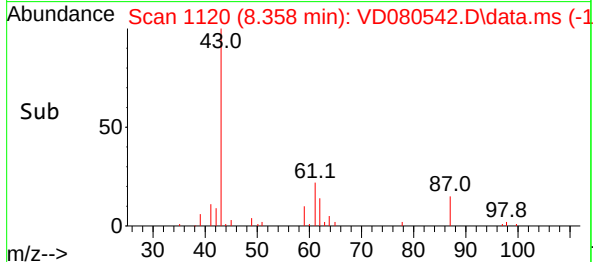
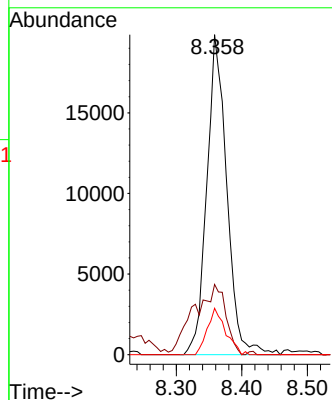
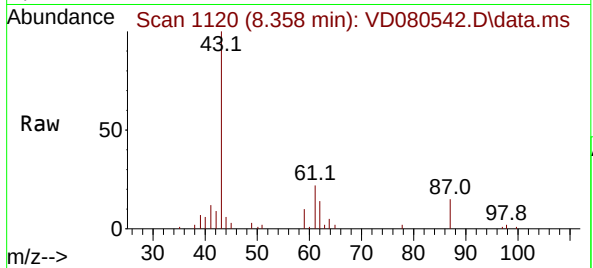
#43
Isopropyl Acetate
Concen: 17.171 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 43 Resp: 4208
Ion Ratio Lower Upper
43 100
61 22.6 26.3 39.5
87 13.3 11.1 16.7

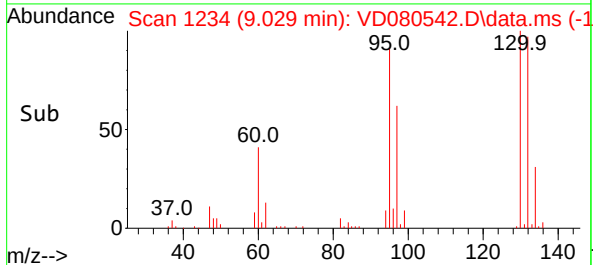
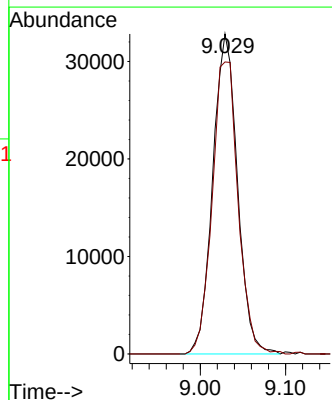
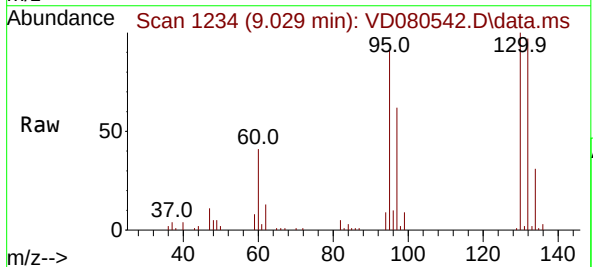
Manual Integrations
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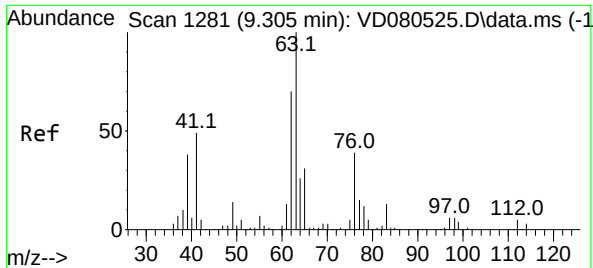
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#44
Trichloroethene
Concen: 20.462 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion:130 Resp: 66161
Ion Ratio Lower Upper
130 100
95 91.3 0.0 188.2





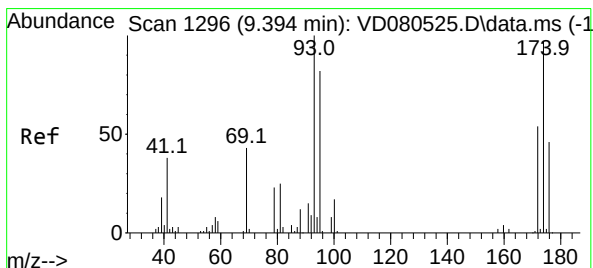
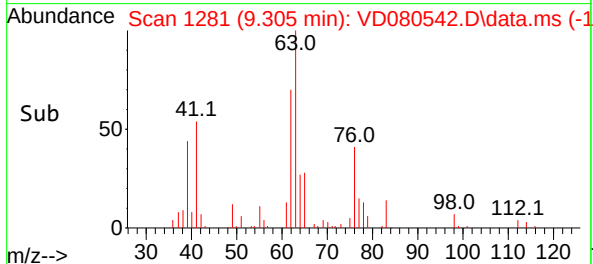
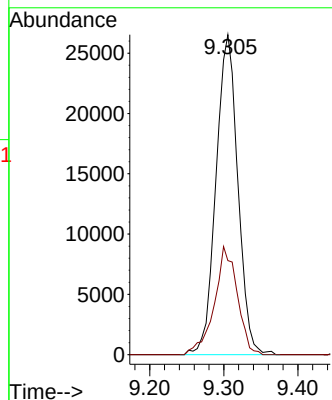
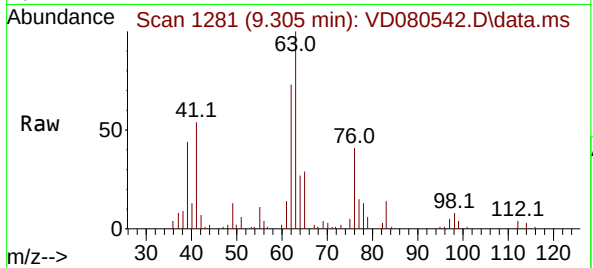
#45
1,2-Dichloropropane
Concen: 18.571 ug/l
RT: 9.305 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 63 Resp: 5438
Ion Ratio Lower Upper
63 100
65 29.4 24.9 37.3

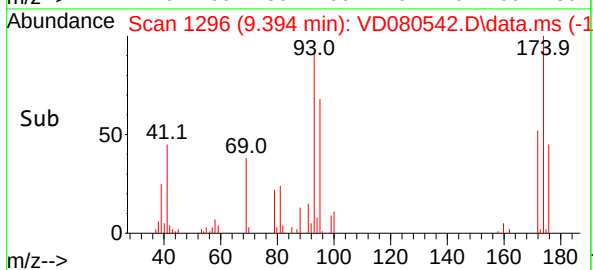
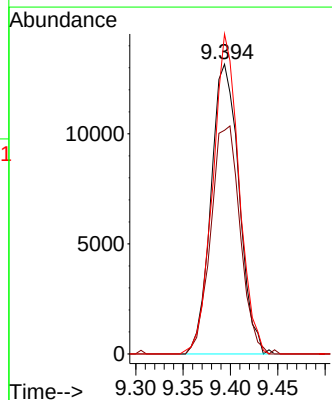
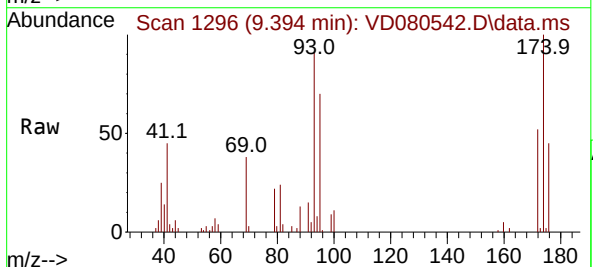
Manual Integrations
APPROVED

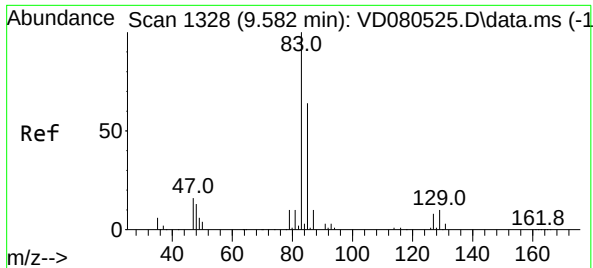
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#46
Dibromomethane
Concen: 18.791 ug/l
RT: 9.394 min Scan# 1296
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion: 93 Resp: 27143
Ion Ratio Lower Upper
93 100
95 82.1 68.2 102.2
174 103.5 79.5 119.3





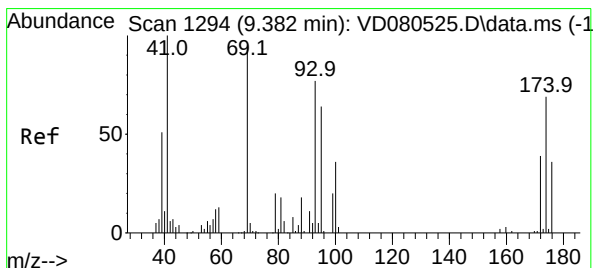
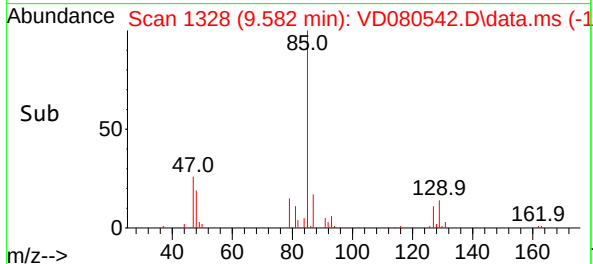
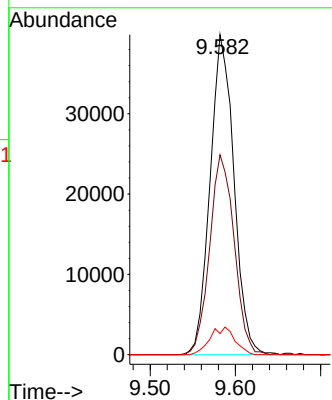
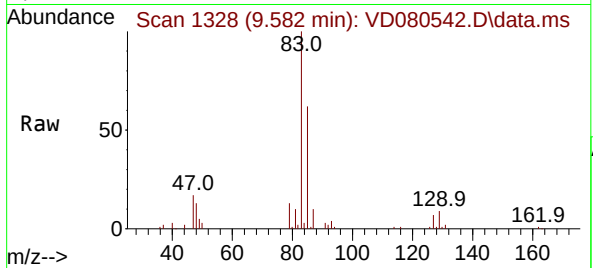
#47
Bromodichloromethane
Concen: 19.836 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 83 Resp: 7738
Ion Ratio Lower Upper
83 100
85 62.5 51.0 76.6
127 6.6 6.5 9.7

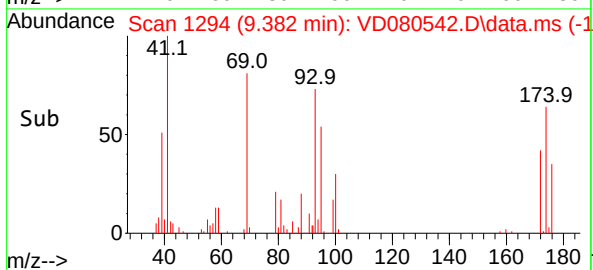
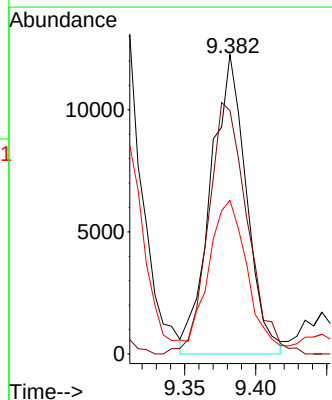
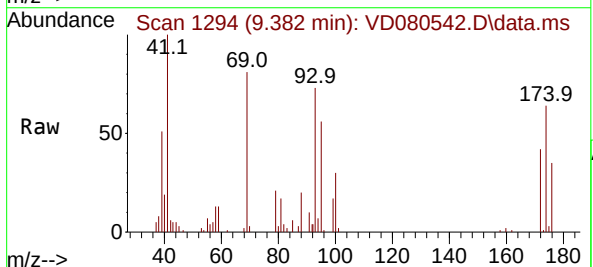
Manual Integrations
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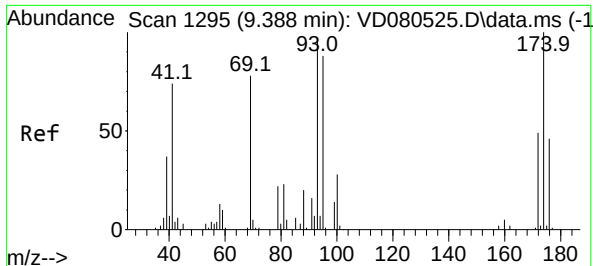
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#48
Methyl methacrylate
Concen: 17.623 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion: 41 Resp: 21440
Ion Ratio Lower Upper
41 100
69 91.6 74.5 111.7
39 57.8 40.6 61.0





#49

1,4-Dioxane

Concen: 339.847 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080542.D

Acq: 19 Nov 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tgt Ion: 88 Resp: 4570

Ion Ratio Lower Upper

88 100

43 29.5 28.0 42.0

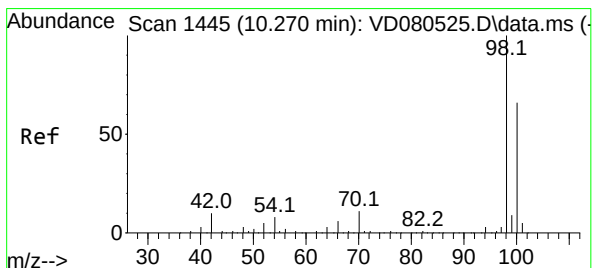
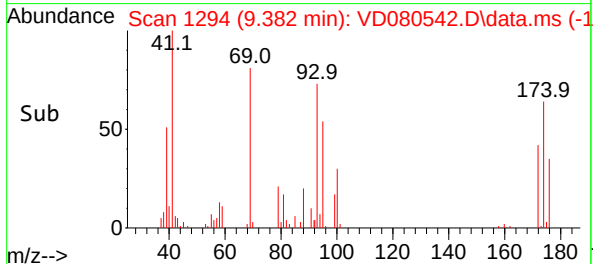
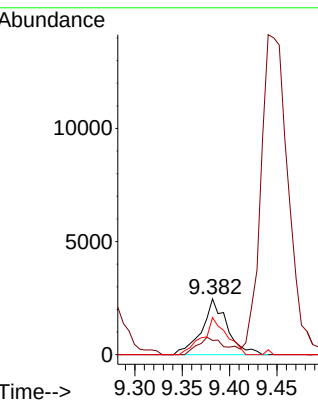
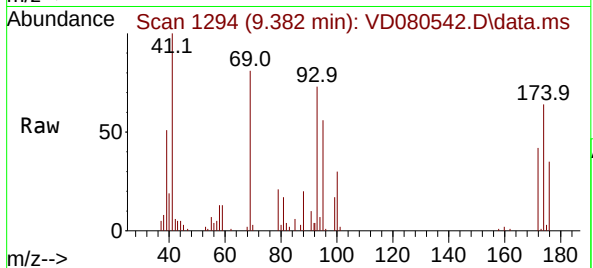
58 63.5 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#50

Toluene-d8

Concen: 46.878 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080542.D

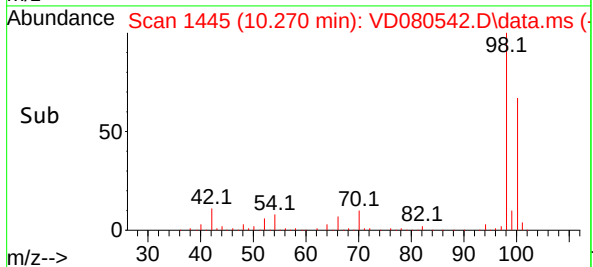
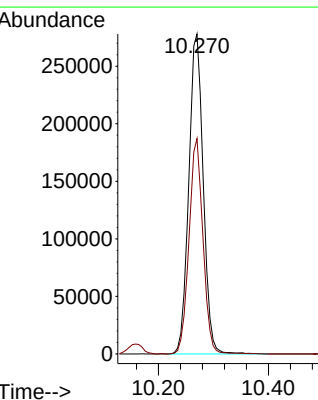
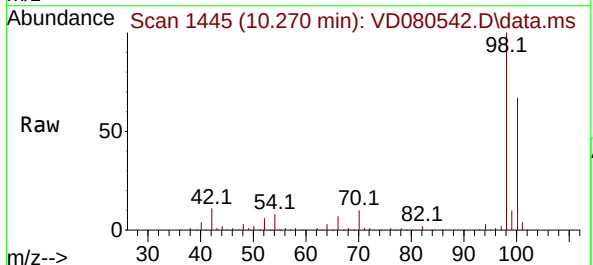
Acq: 19 Nov 2025 10:20

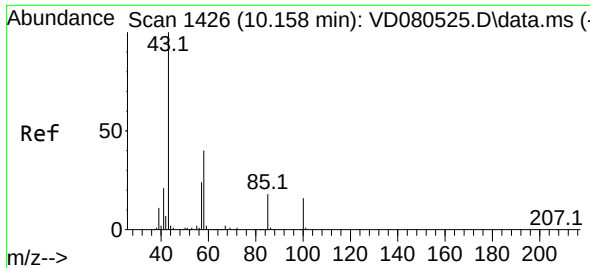
Tgt Ion: 98 Resp: 506737

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0





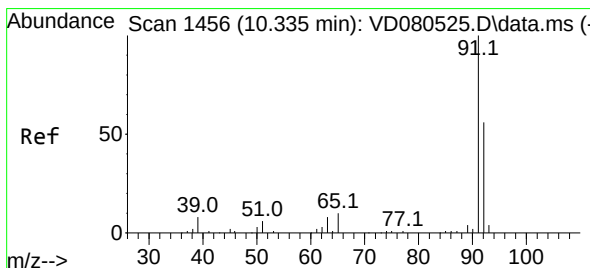
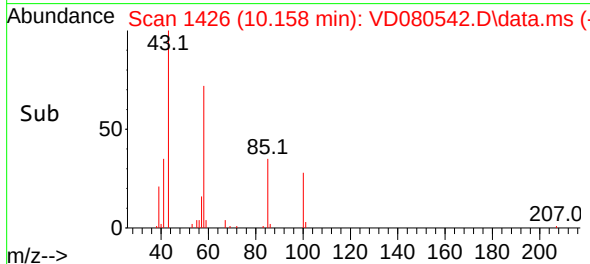
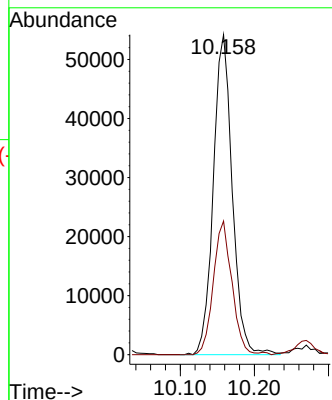
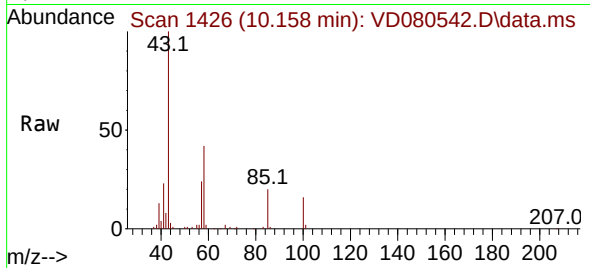
#51
4-Methyl-2-Pentanone
Concen: 84.687 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 43 Resp: 9630
Ion Ratio Lower Upper
43 100
58 41.1 32.8 49.2

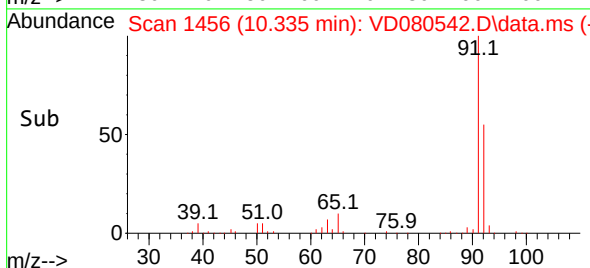
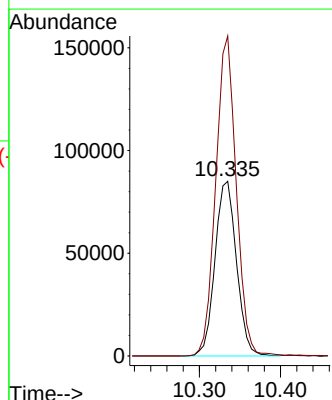
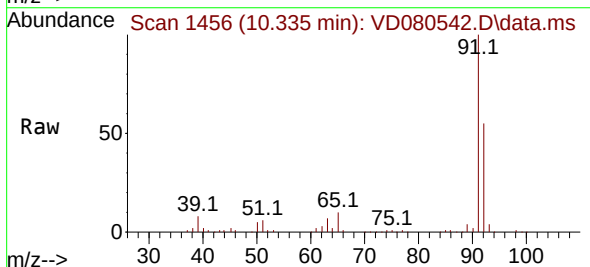
Manual Integrations
APPROVED

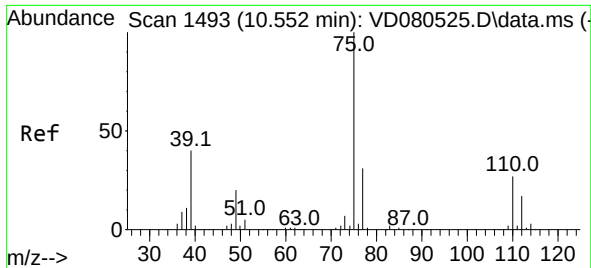
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#52
Toluene
Concen: 19.381 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

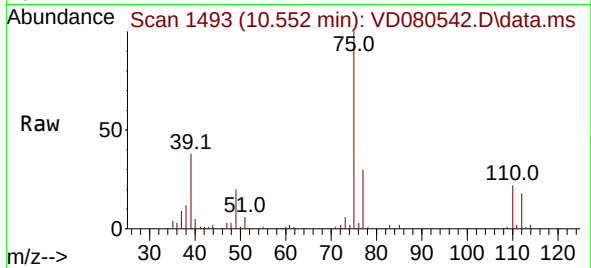
Tgt Ion: 92 Resp: 156767
Ion Ratio Lower Upper
92 100
91 174.7 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 18.642 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

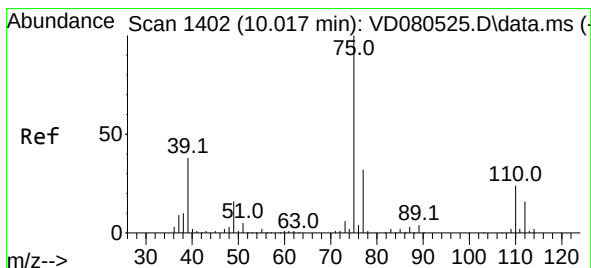
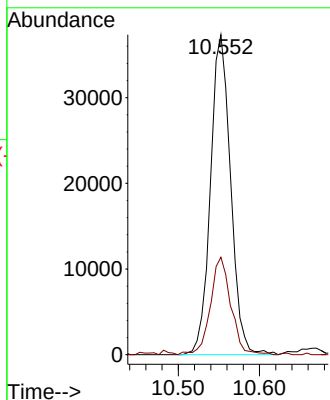
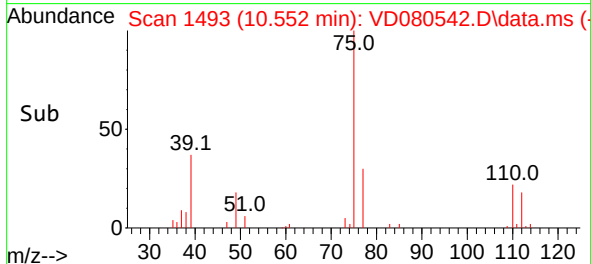
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



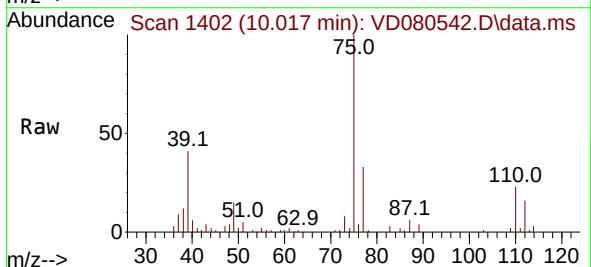
Tgt Ion: 75 Resp: 6444
Ion Ratio Lower Upper
75 100
77 30.5 24.7 37.1

Manual Integrations
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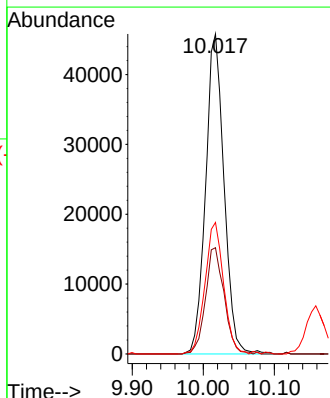
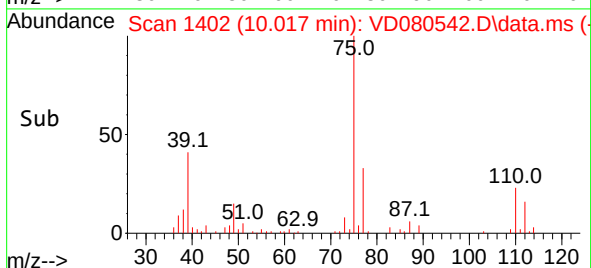
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

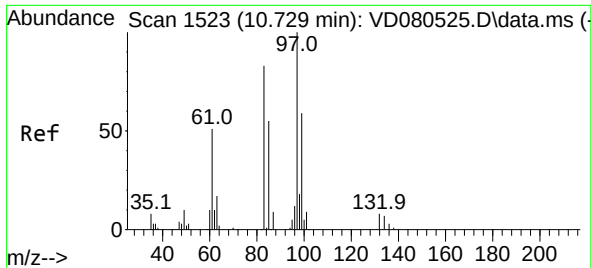


#54
cis-1,3-Dichloropropene
Concen: 18.509 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



Tgt Ion: 75 Resp: 82518
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.6
39 41.1 30.7 46.1





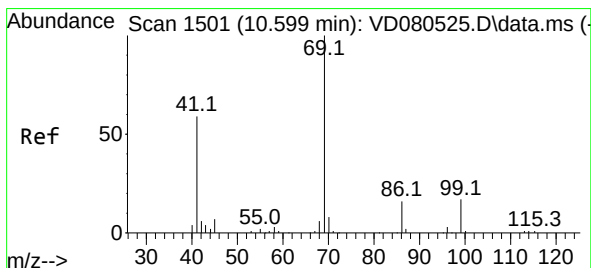
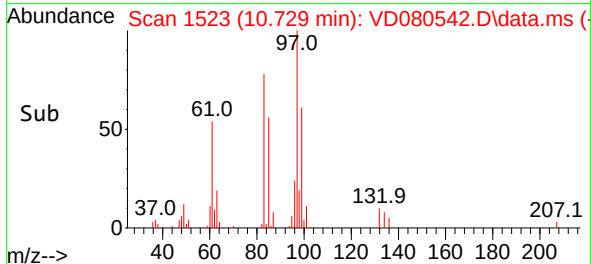
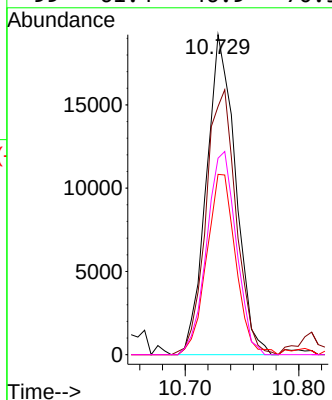
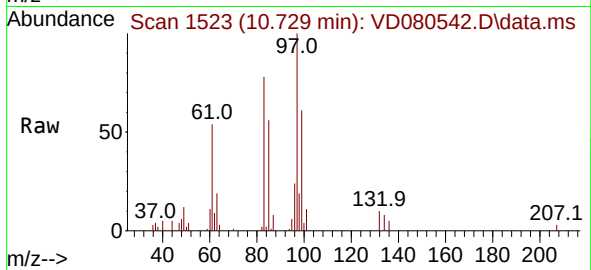
#55
1,1,2-Trichloroethane
Concen: 18.591 ug/l
RT: 10.729 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 97	Resp: 34354
Ion Ratio	Lower Upper
97 100	
83 77.5	66.3 99.5
85 56.4	43.8 65.8
99 61.4	46.9 70.3

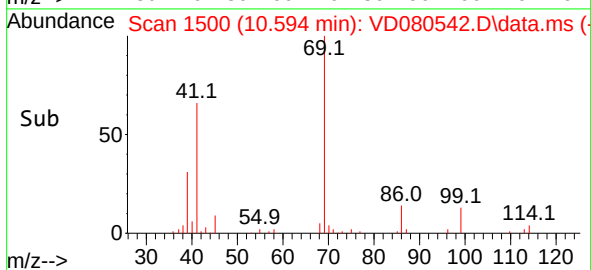
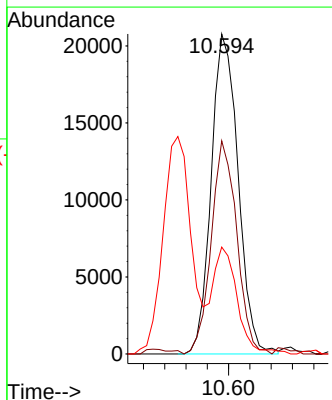
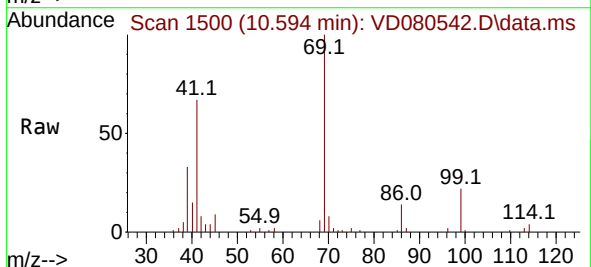
Manual Integrations
APPROVED

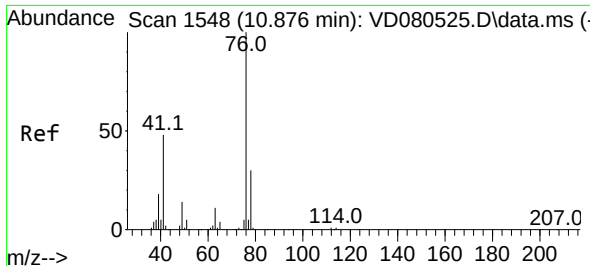
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#56
Ethyl methacrylate
Concen: 17.063 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

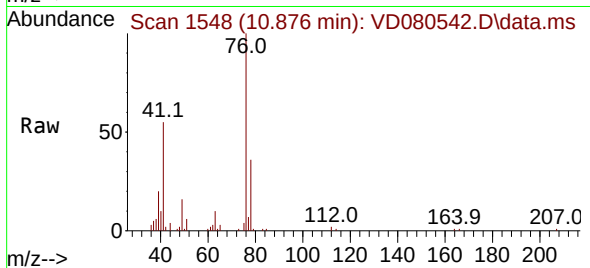
Tgt Ion: 69	Resp: 36382
Ion Ratio	Lower Upper
69 100	
41 63.3	49.6 74.4
39 31.1	23.5 35.3





#57
1,3-Dichloropropane
Concen: 18.730 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

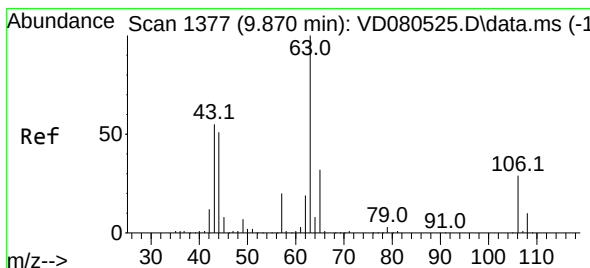
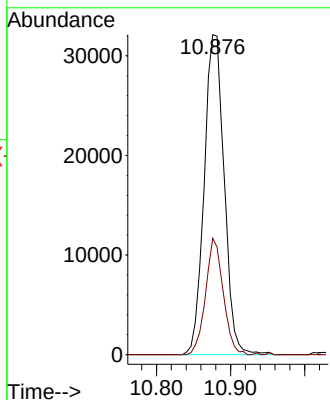
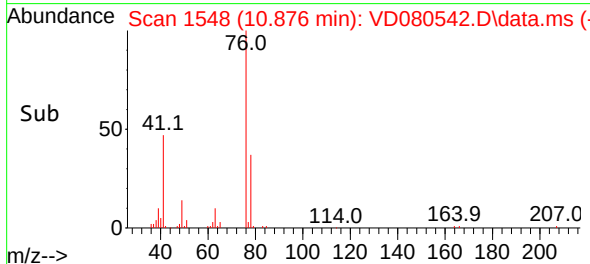
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



Tgt Ion: 76 Resp: 60350
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.8

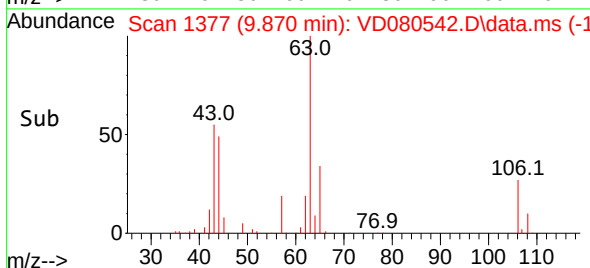
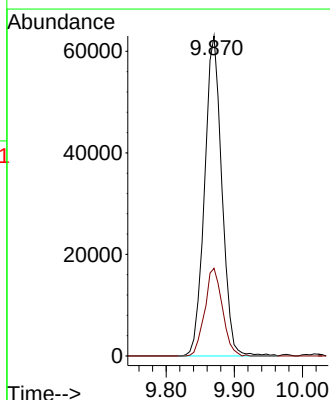
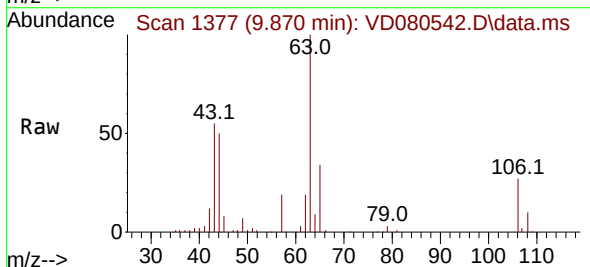
Manual Integrations
APPROVED

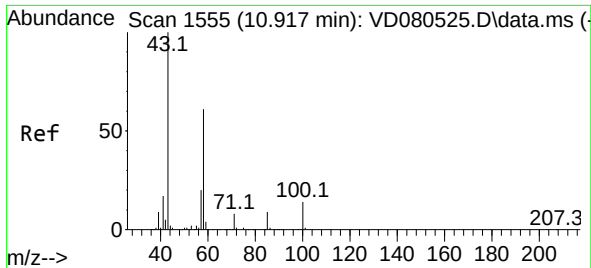
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#58
2-Chloroethyl Vinyl ether
Concen: 92.917 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion: 63 Resp: 111160
Ion Ratio Lower Upper
63 100
106 27.9 22.6 33.8





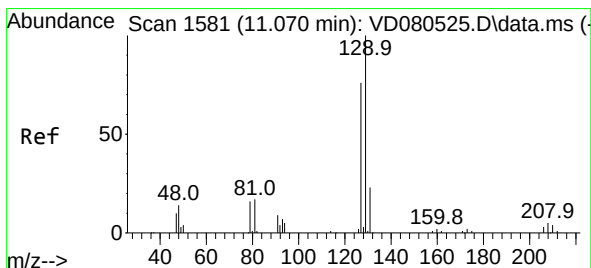
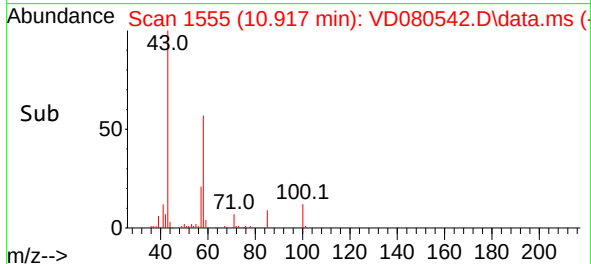
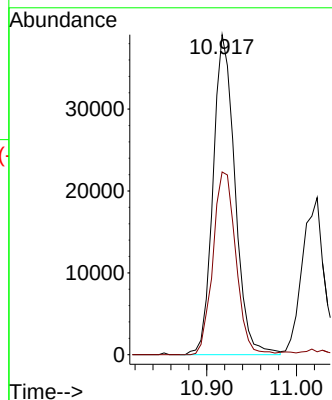
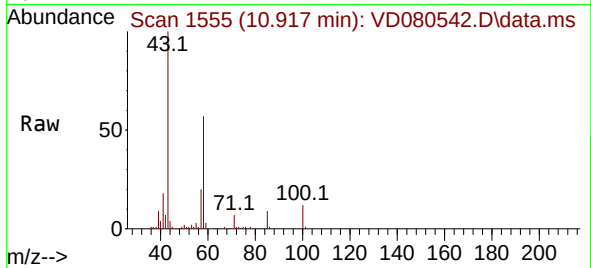
#59
2-Hexanone
Concen: 83.413 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 43 Resp: 66310
Ion Ratio Lower Upper
43 100
58 59.7 29.6 88.9

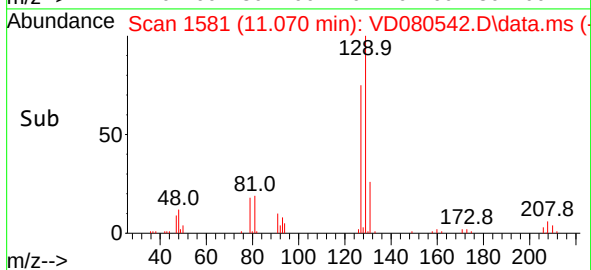
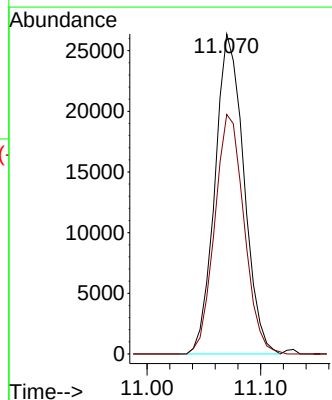
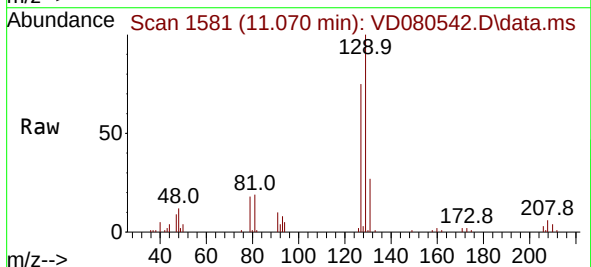
Manual Integrations
APPROVED

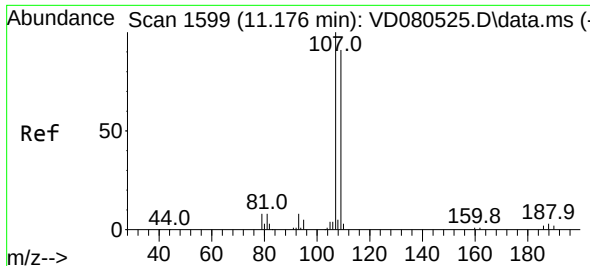
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#60
Dibromochloromethane
Concen: 18.997 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion:129 Resp: 46645
Ion Ratio Lower Upper
129 100
127 76.1 38.3 114.9





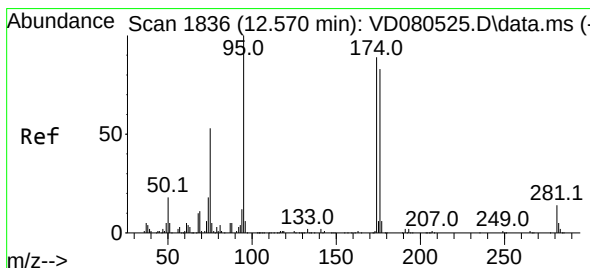
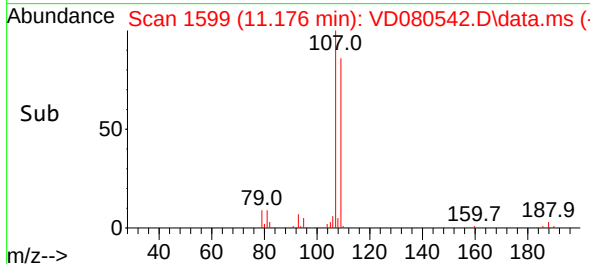
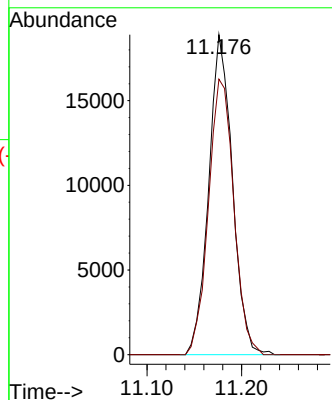
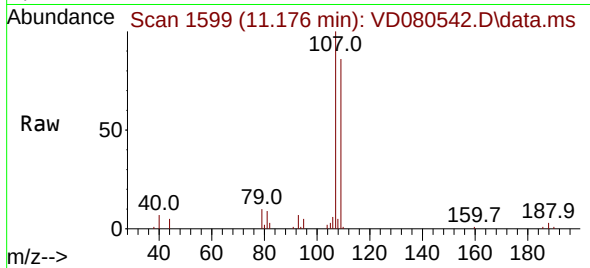
#61
1,2-Dibromoethane
Concen: 18.443 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion:107 Resp: 3278
Ion Ratio Lower Upper
107 100
109 92.1 74.2 111.4

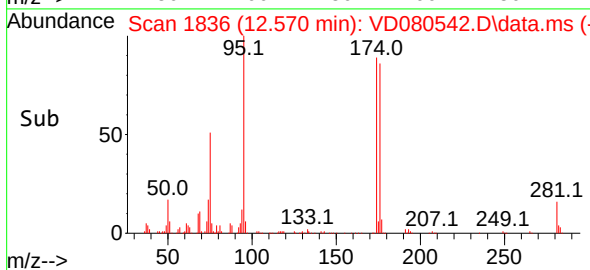
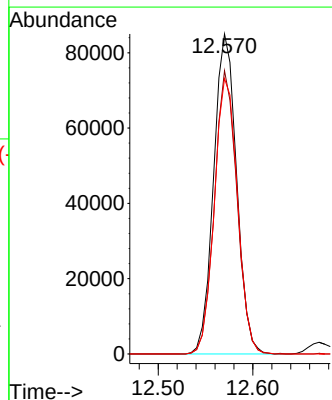
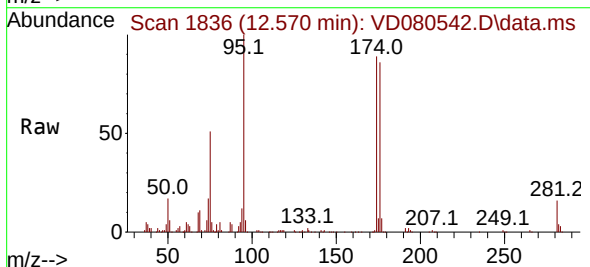
Manual Integrations
APPROVED

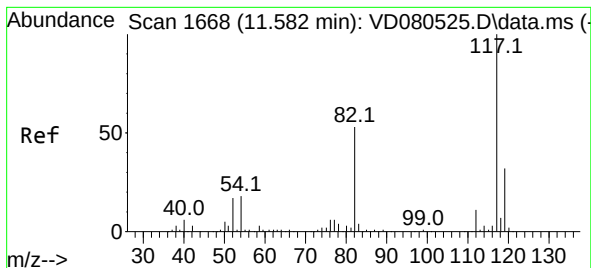
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#62
4-Bromofluorobenzene
Concen: 46.024 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

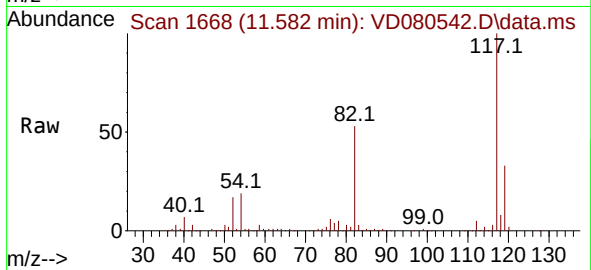
Tgt Ion: 95 Resp: 143027
Ion Ratio Lower Upper
95 100
174 86.8 0.0 179.4
176 86.9 0.0 168.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

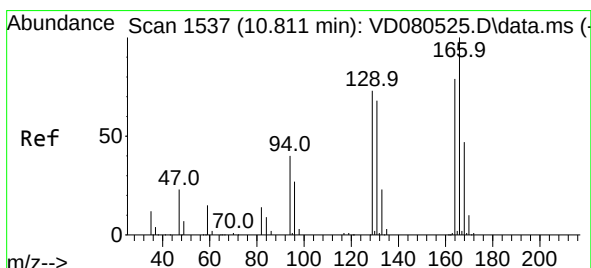
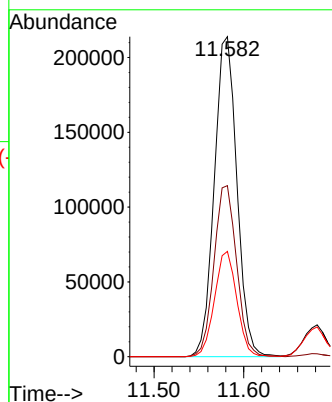
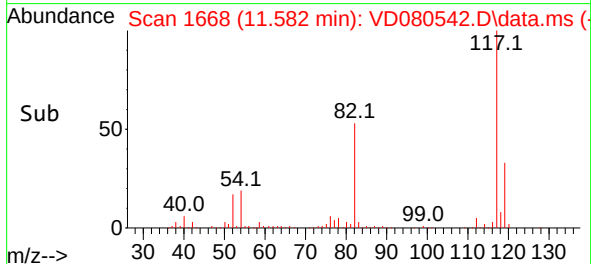
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



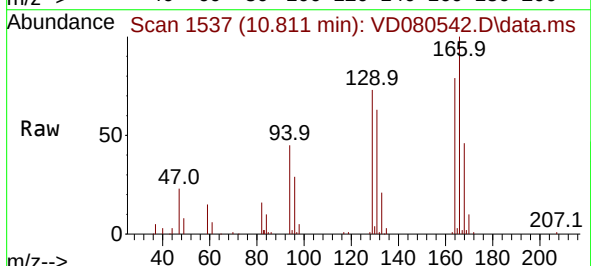
Tgt Ion:117 Resp: 37482
Ion Ratio Lower Upper
117 100
82 53.4 42.1 63.1
119 32.9 25.4 38.2

Manual Integrations
APPROVED

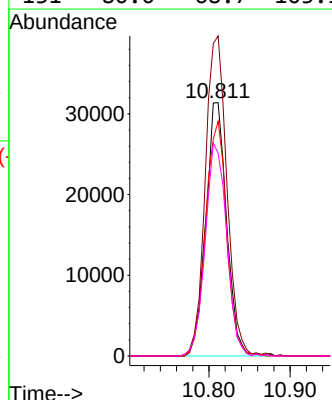
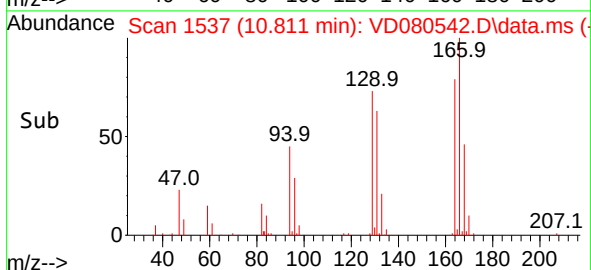
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

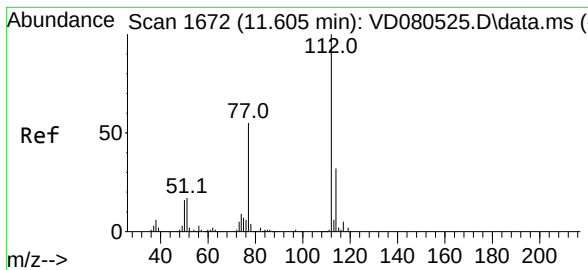


#64
Tetrachloroethene
Concen: 20.820 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



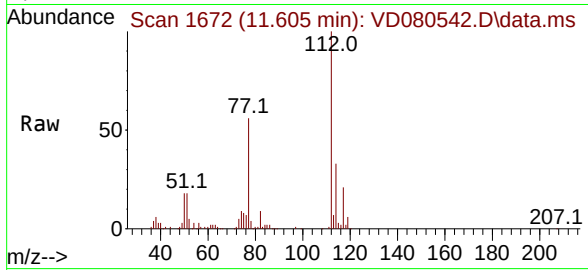
Tgt Ion:164 Resp: 56134
Ion Ratio Lower Upper
164 100
166 126.3 101.2 151.8
129 92.7 74.0 111.0
131 80.0 68.7 103.1





#65
Chlorobenzene
Concen: 20.198 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

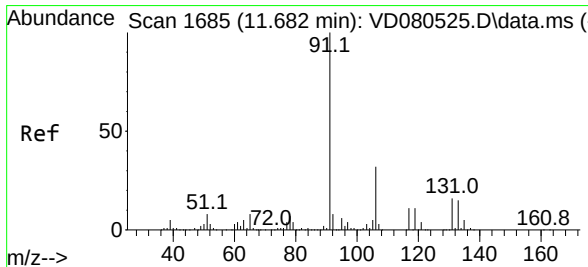
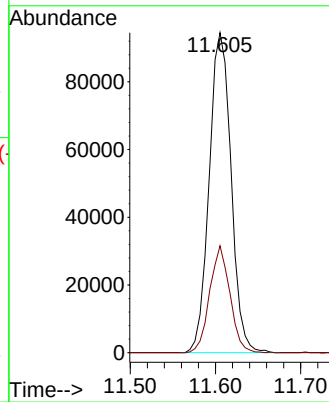
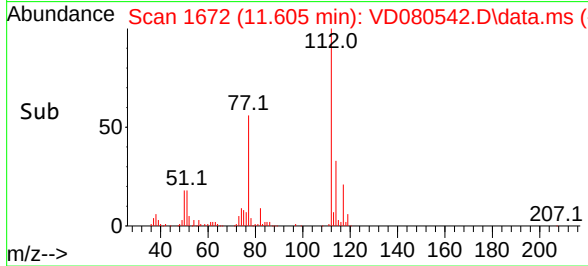
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



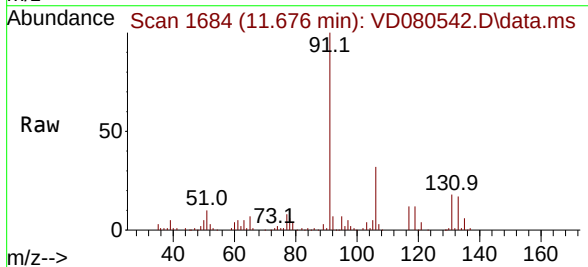
Tgt Ion:112 Resp: 16858
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.0

Manual Integrations
APPROVED

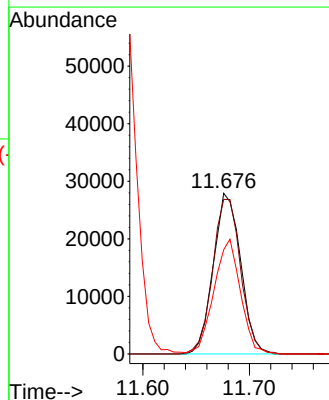
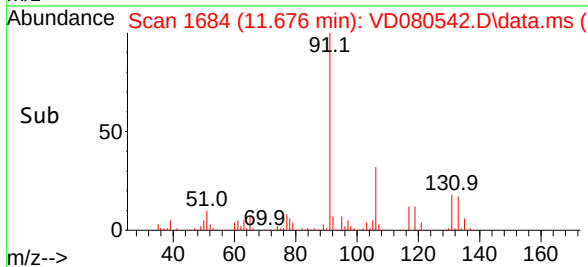
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

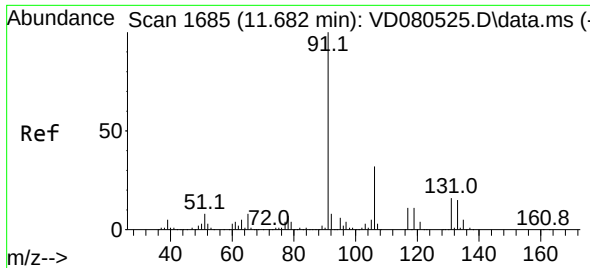


#66
1,1,1,2-Tetrachloroethane
Concen: 19.076 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



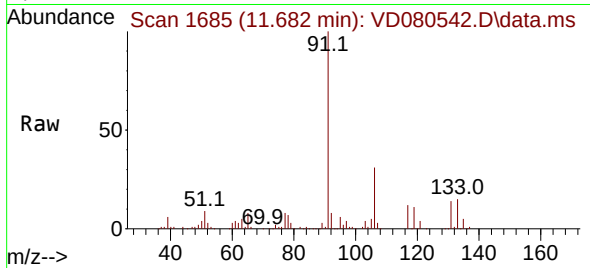
Tgt Ion:131 Resp: 49796
Ion Ratio Lower Upper
131 100
133 99.0 47.3 141.8
119 69.2 34.4 103.2





#67
Ethyl Benzene
Concen: 19.941 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

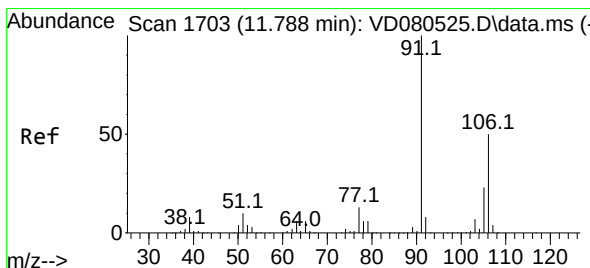
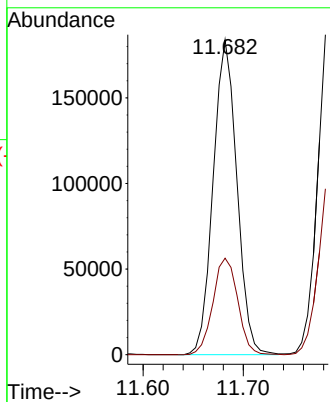
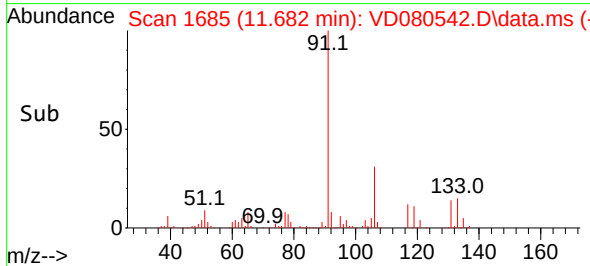
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



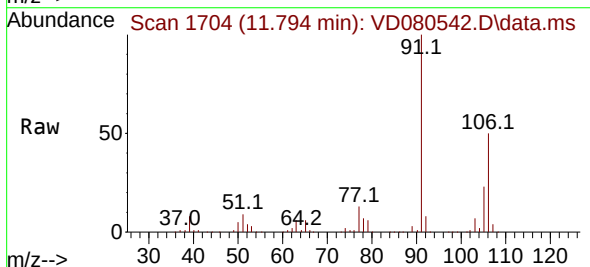
Tgt Ion: 91 Resp: 301682
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0

Manual Integrations
APPROVED

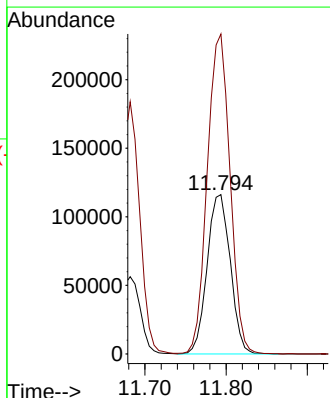
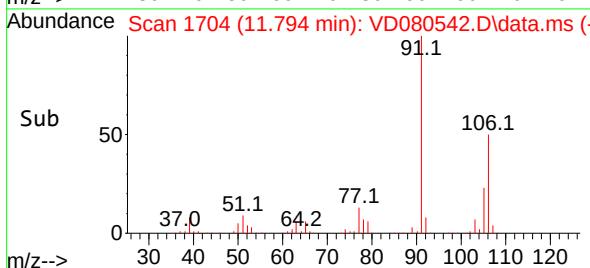
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

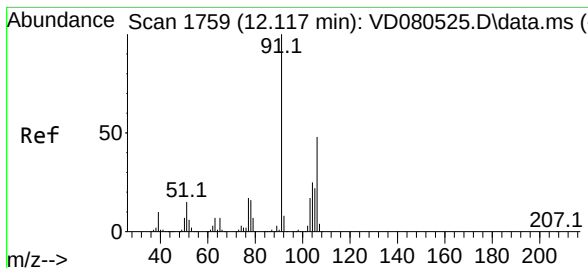


#68
m/p-Xylenes
Concen: 39.847 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



Tgt Ion:106 Resp: 230547
Ion Ratio Lower Upper
106 100
91 197.5 158.7 238.1





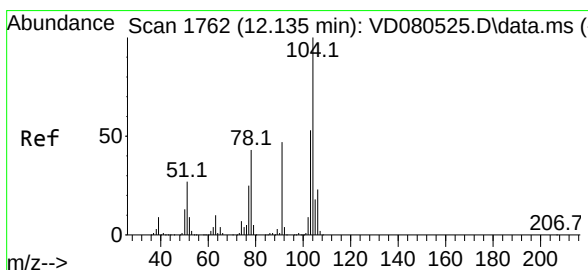
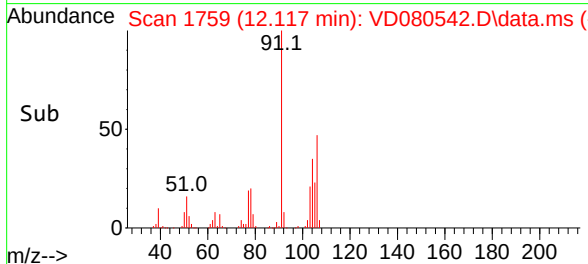
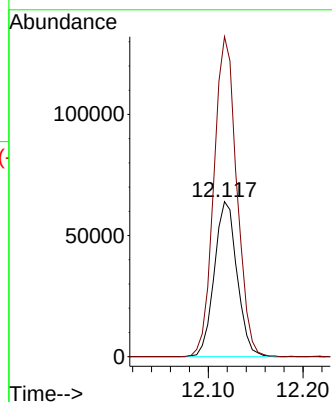
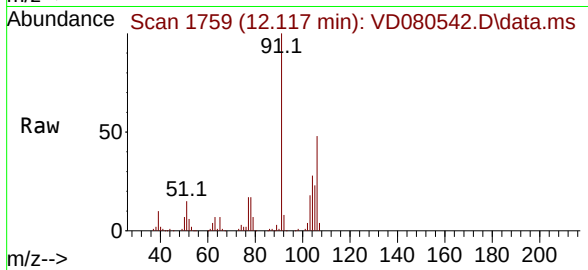
#69
o-Xylene
Concen: 19.968 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion:106 Resp: 10681
Ion Ratio Lower Upper
106 100
91 208.1 105.8 317.3

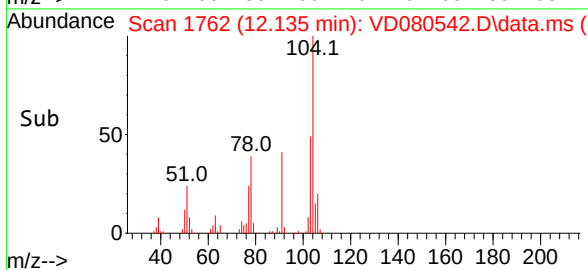
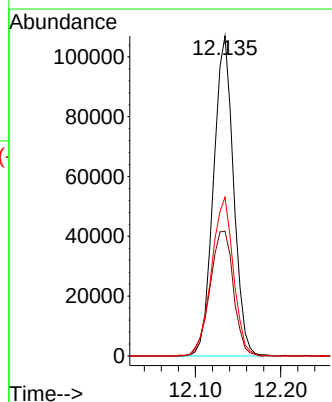
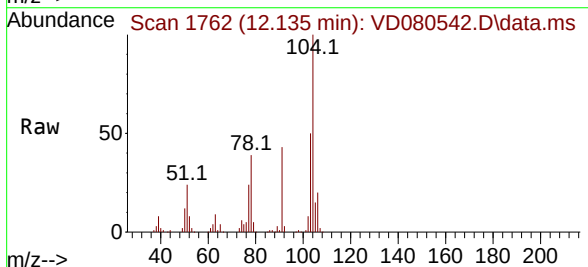
Manual Integrations
APPROVED

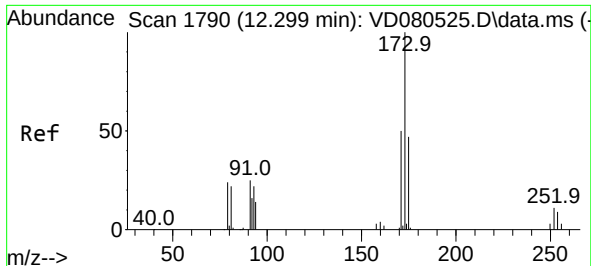
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#70
Styrene
Concen: 19.799 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

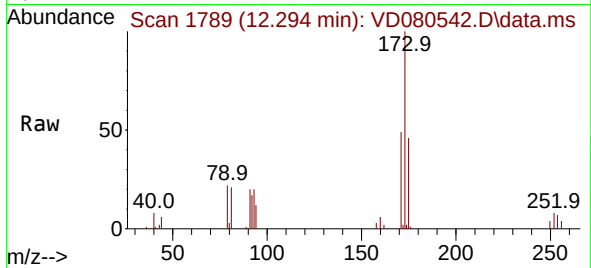
Tgt Ion:104 Resp: 174806
Ion Ratio Lower Upper
104 100
78 45.6 37.8 56.8
103 54.1 43.8 65.8





#71
Bromoform
Concen: 19.354 ug/l
RT: 12.294 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

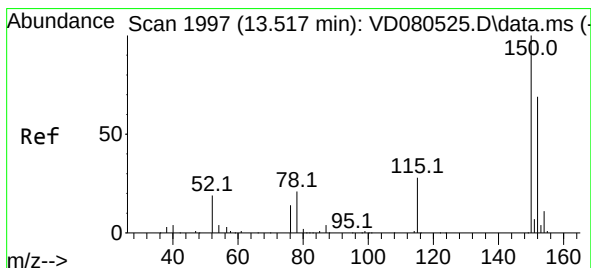
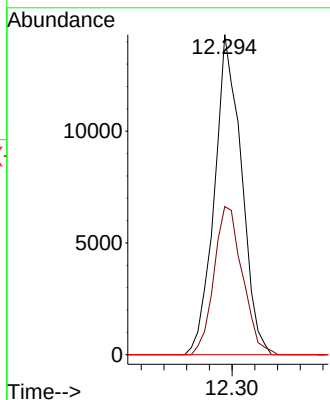
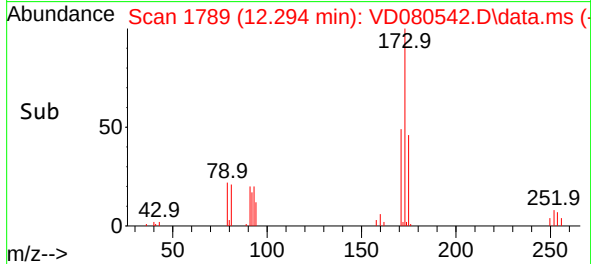
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



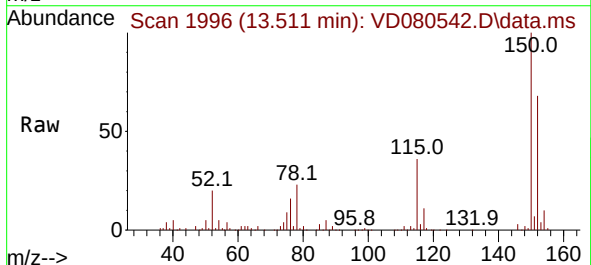
Tgt Ion:173 Resp: 2360
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

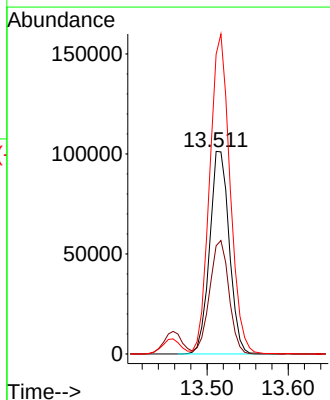
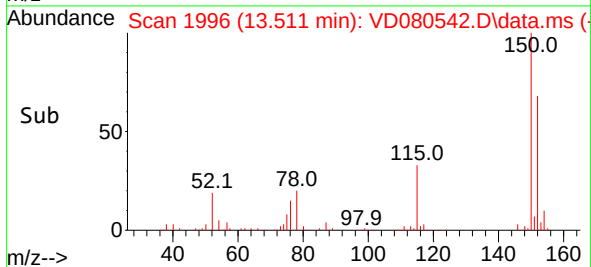
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

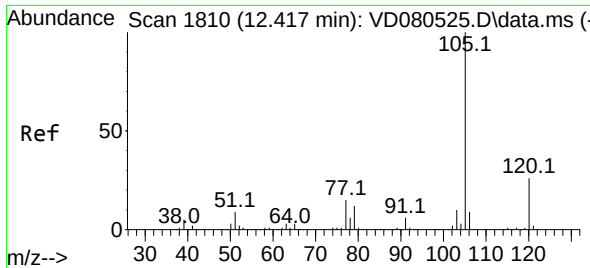


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.511 min Scan# 1996
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



Tgt Ion:152 Resp: 169553
Ion Ratio Lower Upper
152 100
115 55.3 28.1 84.3
150 164.0 0.0 345.6





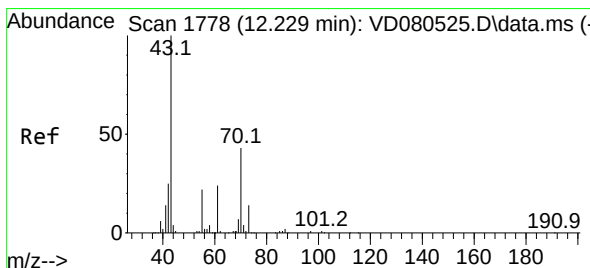
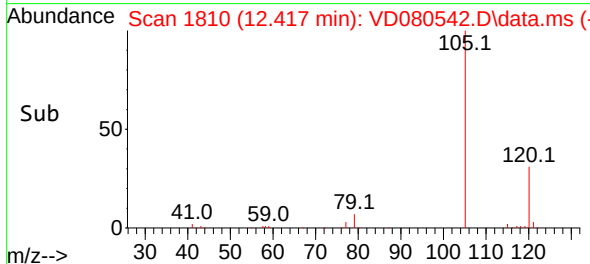
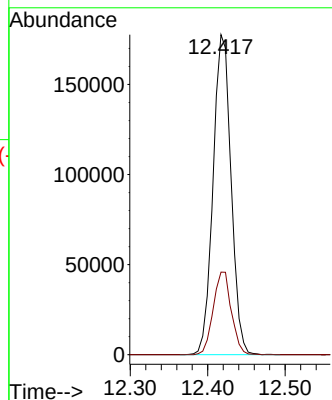
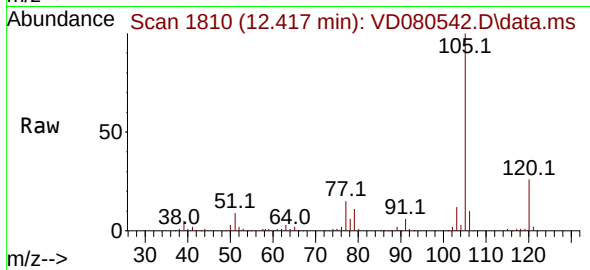
#73
Isopropylbenzene
Concen: 19.980 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion:105 Resp: 28756
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2

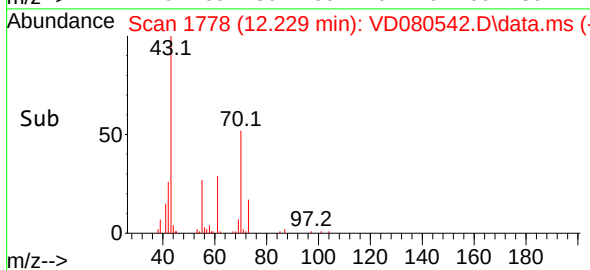
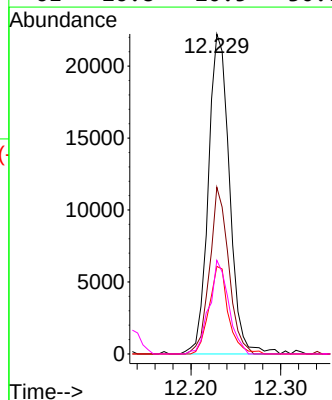
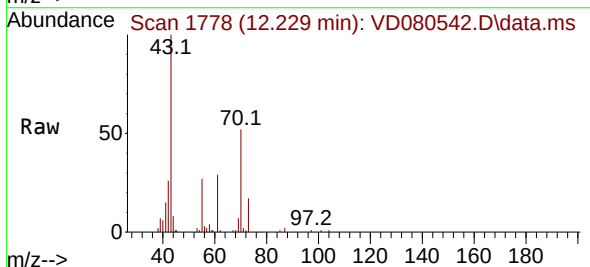
Manual Integrations
APPROVED

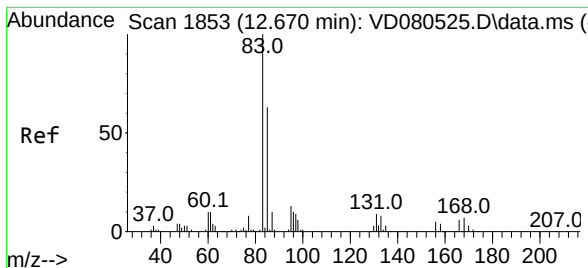
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#74
N-ethyl acetate
Concen: 16.283 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

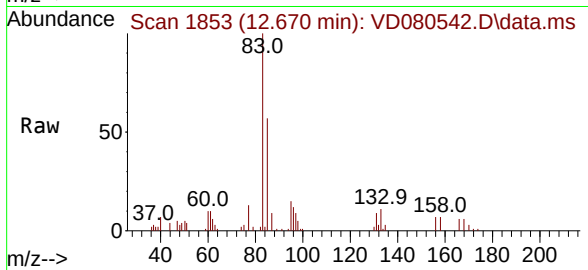
Tgt Ion: 43 Resp: 36327
Ion Ratio Lower Upper
43 100
70 47.0 35.2 52.8
55 25.0 18.4 27.6
61 26.8 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.604 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

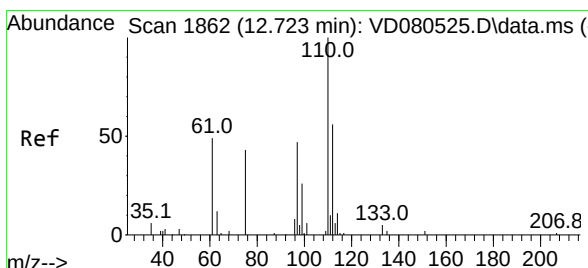
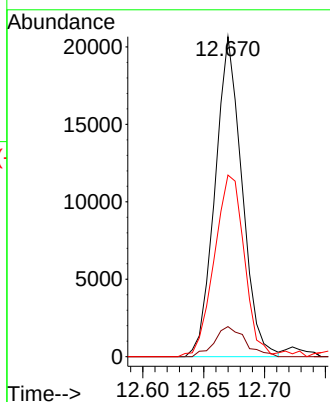
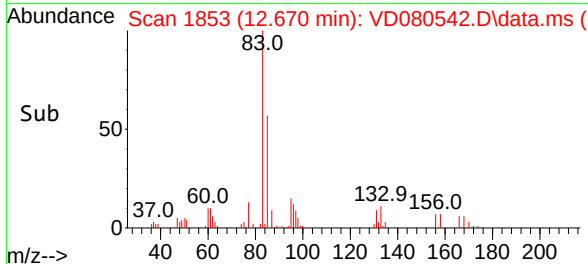
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



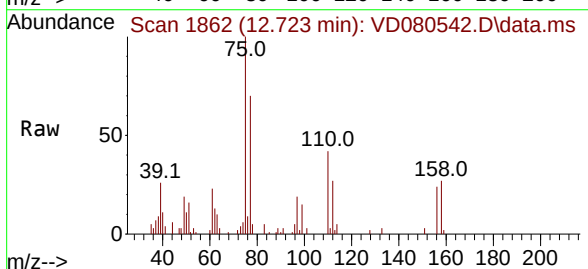
Tgt Ion: 83 Resp: 31770
Ion Ratio Lower Upper
83 100
131 10.8 4.9 14.6
85 63.4 31.8 95.3

Manual Integrations
APPROVED

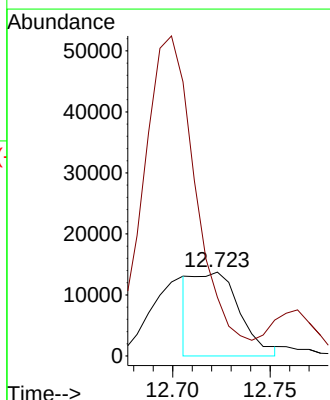
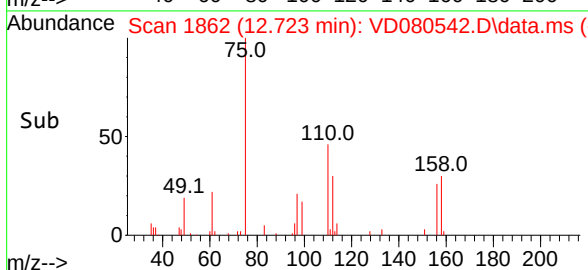
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

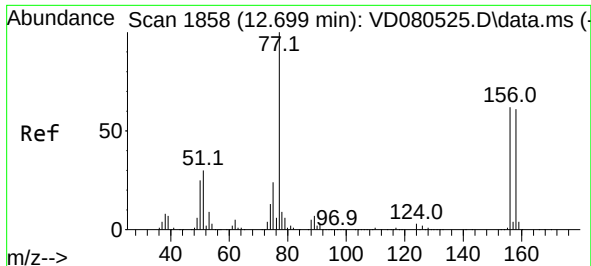


#76
1,2,3-Trichloropropane
Concen: 17.513 ug/l m
RT: 12.723 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



Tgt Ion: 75 Resp: 23128
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





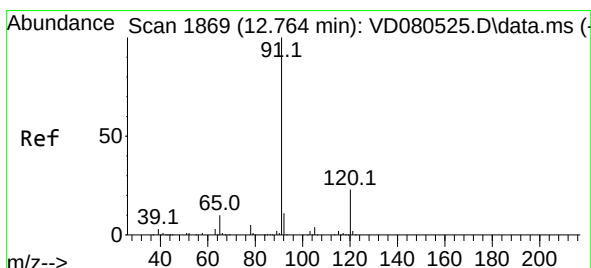
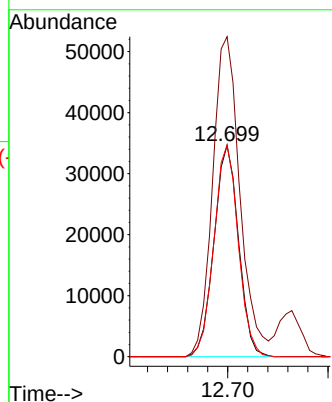
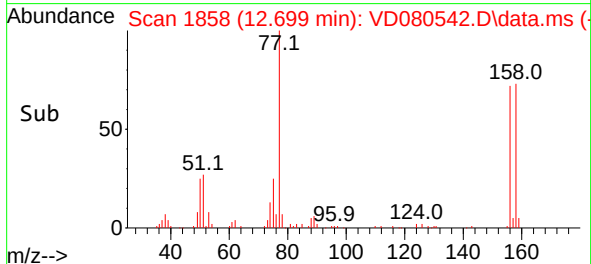
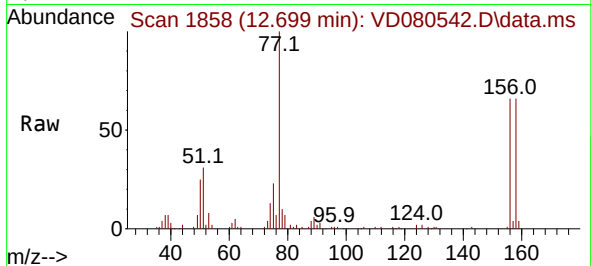
#77
Bromobenzene
Concen: 19.249 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion:156 Resp: 58800
Ion Ratio Lower Upper
156 100
77 168.8 85.3 255.9
158 99.5 48.4 145.0

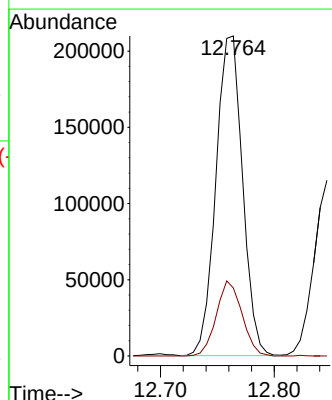
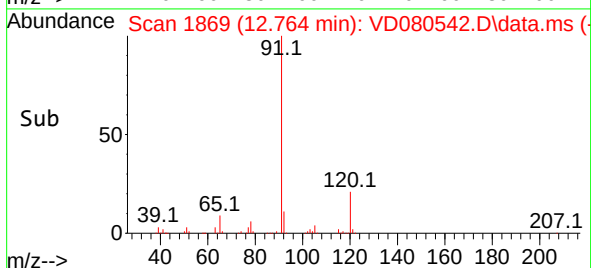
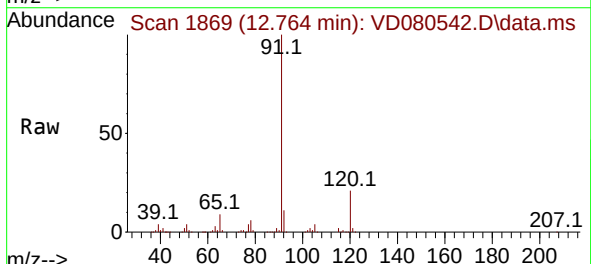
Manual Integrations
APPROVED

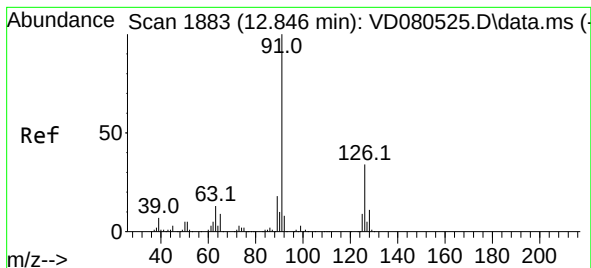
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#78
n-propylbenzene
Concen: 19.797 ug/l
RT: 12.764 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion: 91 Resp: 341818
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.2





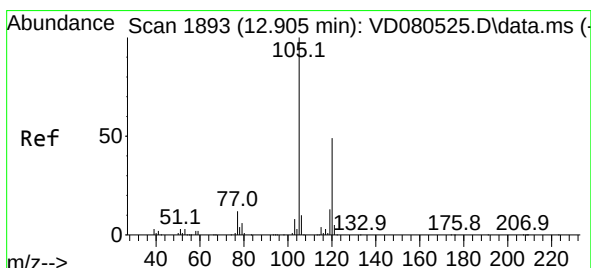
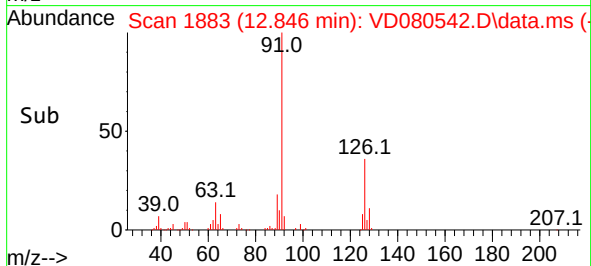
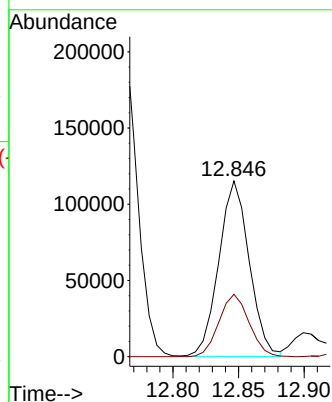
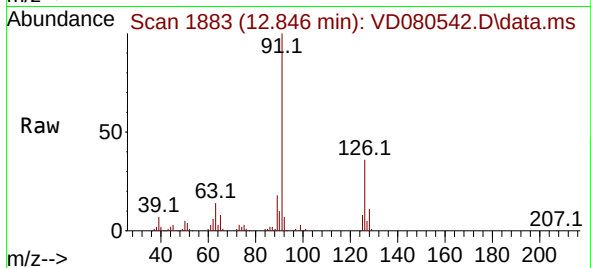
#79
2-Chlorotoluene
Concen: 19.577 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 91 Resp: 185959
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.2

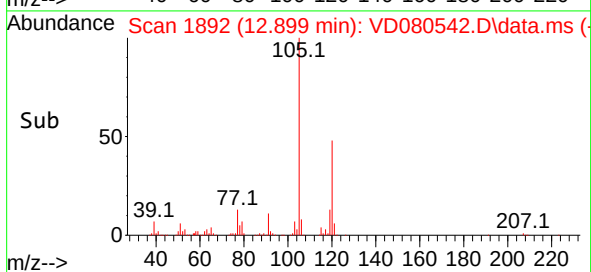
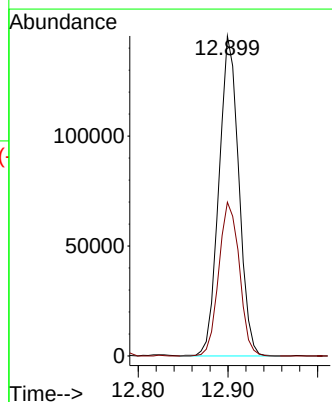
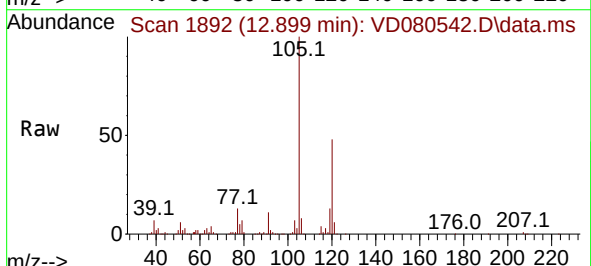
Manual Integrations
APPROVED

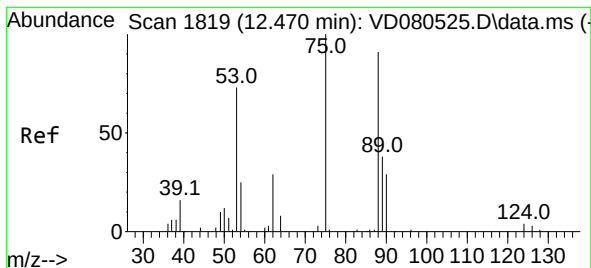
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.682 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion:105 Resp: 223936
Ion Ratio Lower Upper
105 100
120 49.7 24.6 74.0





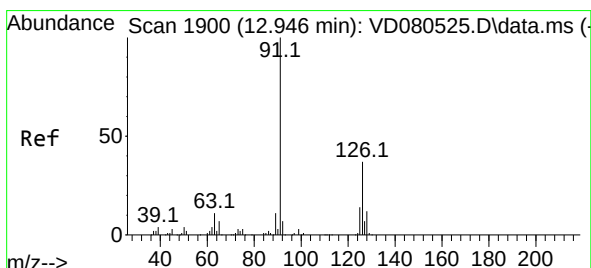
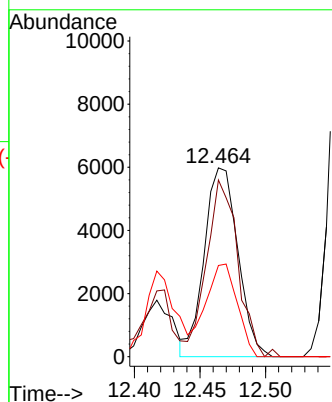
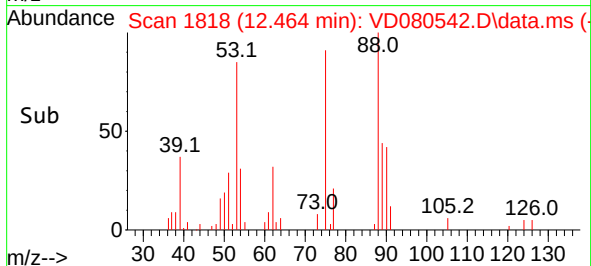
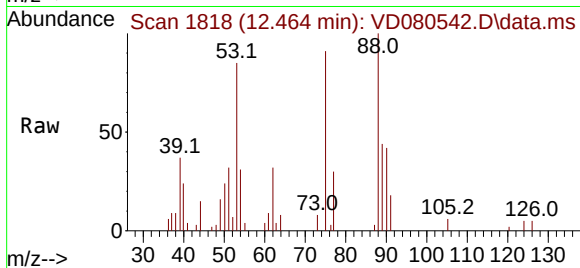
#81
trans-1,4-Dichloro-2-butene
Concen: 15.455 ug/l
RT: 12.464 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 75 Resp: 10688
Ion Ratio Lower Upper
75 100
53 86.2 62.8 94.2
89 46.6 36.6 54.8

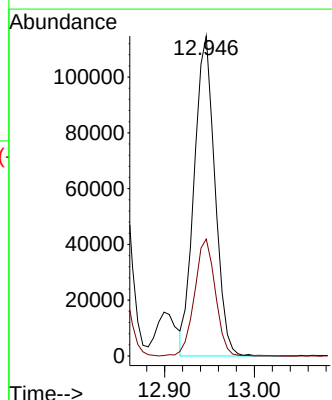
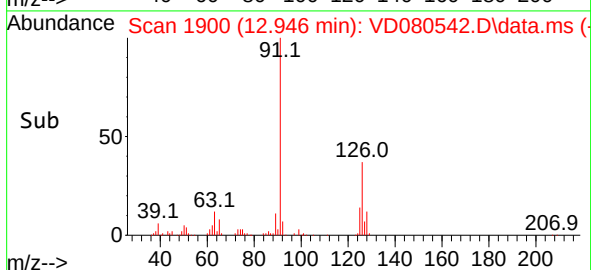
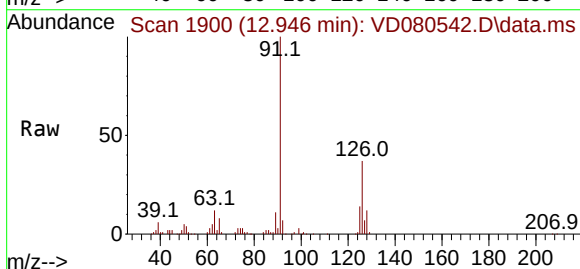
Manual Integrations
APPROVED

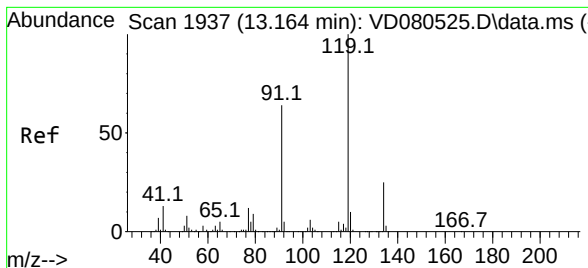
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#82
4-Chlorotoluene
Concen: 18.994 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion: 91 Resp: 183423
Ion Ratio Lower Upper
91 100
126 36.7 17.4 52.2





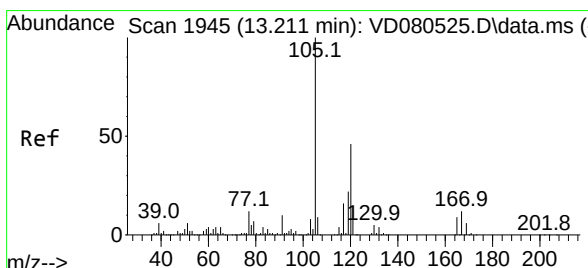
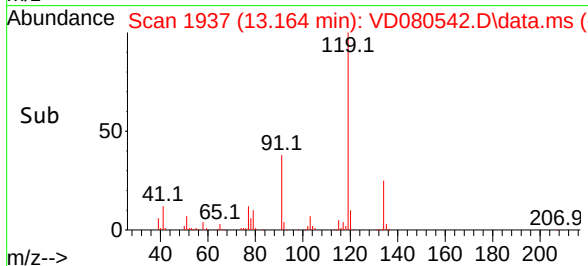
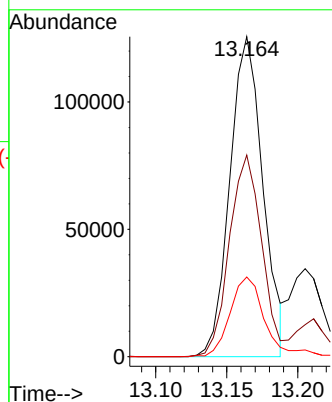
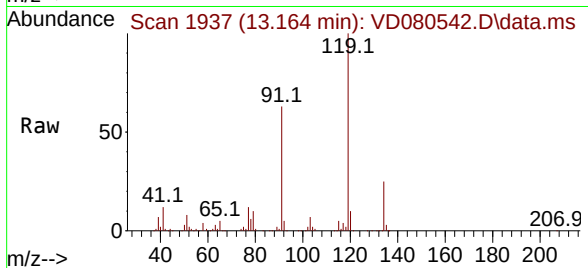
#83
tert-Butylbenzene
Concen: 19.875 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion:119 Resp: 203332
Ion Ratio Lower Upper
119 100
91 62.5 30.4 91.3
134 26.3 13.1 39.3

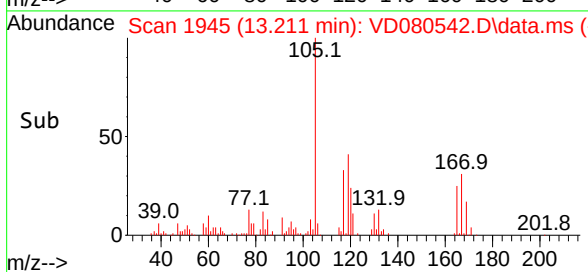
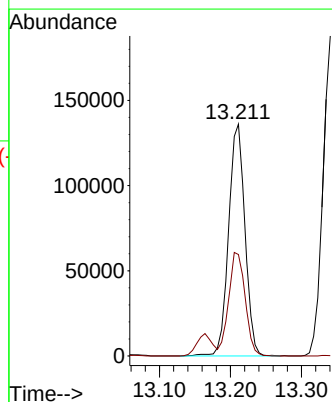
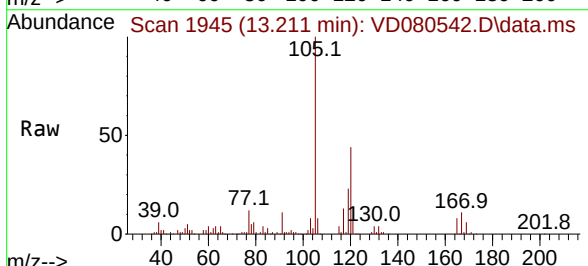
Manual Integrations
APPROVED

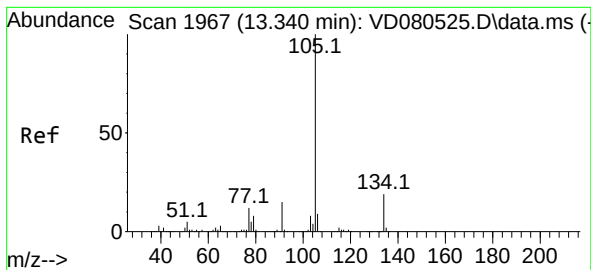
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.418 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

Tgt Ion:105 Resp: 217392
Ion Ratio Lower Upper
105 100
120 45.2 22.7 68.1





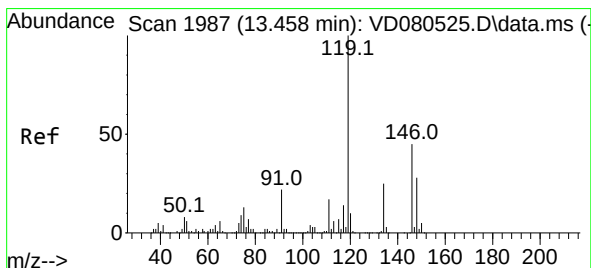
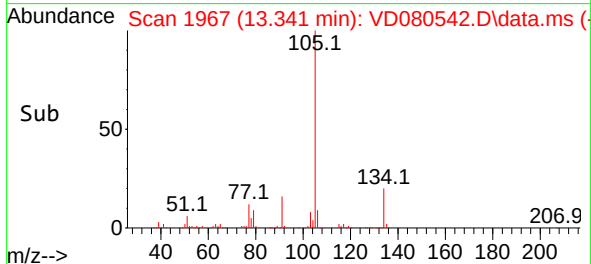
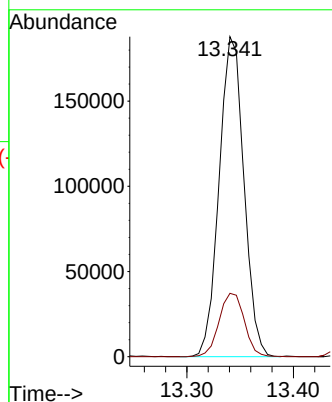
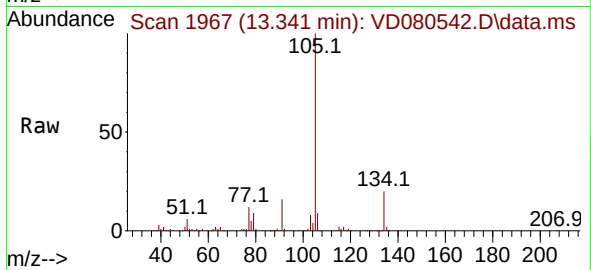
#85
 sec-Butylbenzene
 Concen: 20.001 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080542.D
 Acq: 19 Nov 2025 10:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tgt Ion:105 Resp: 302935
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0

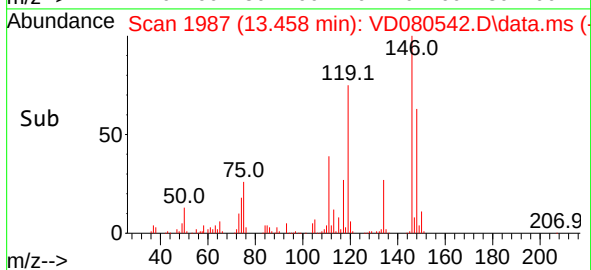
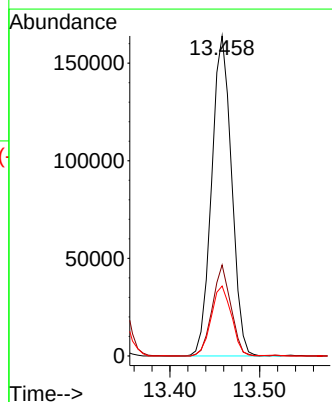
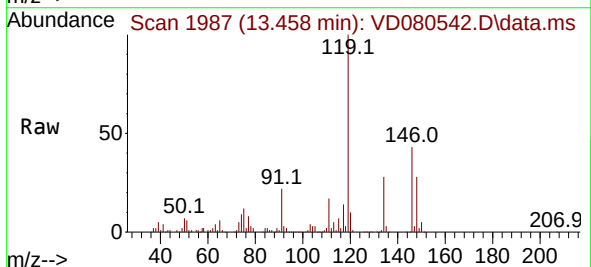
Manual Integrations
 APPROVED

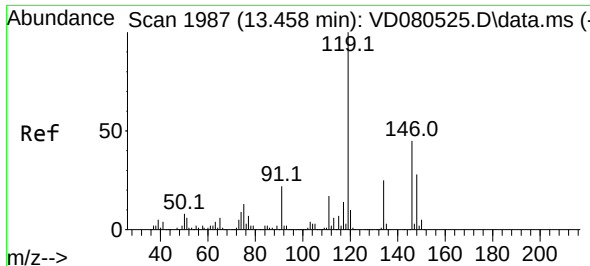
Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#86
 p-Isopropyltoluene
 Concen: 20.140 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080542.D
 Acq: 19 Nov 2025 10:20

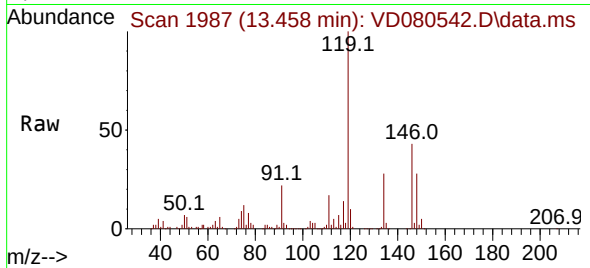
Tgt Ion:119 Resp: 252967
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.4
 91 22.3 11.1 33.1





#87
1,3-Dichlorobenzene
Concen: 19.636 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

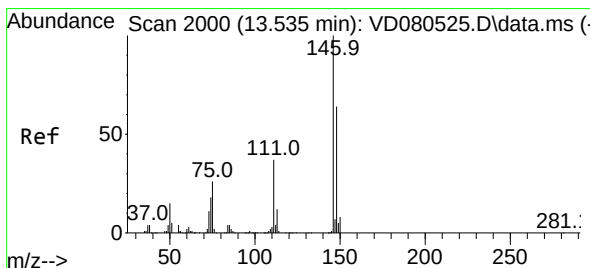
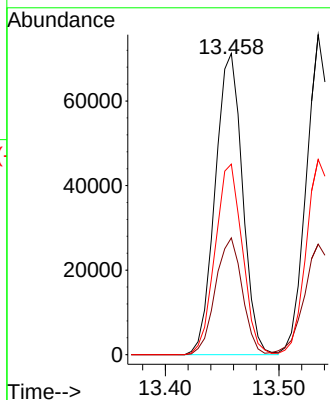
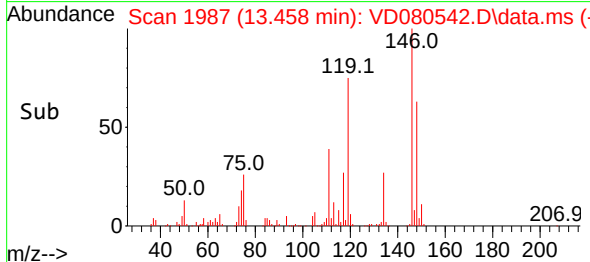
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



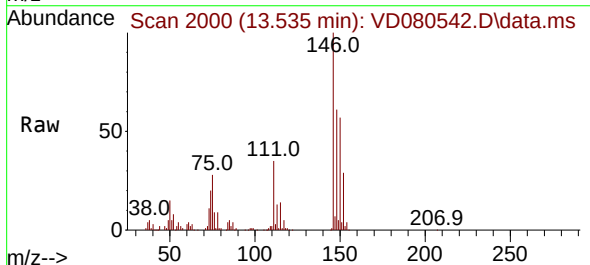
Tgt Ion:146 Resp: 119184
Ion Ratio Lower Upper
146 100
111 38.0 19.4 58.2
148 63.0 31.4 94.0

Manual Integrations
APPROVED

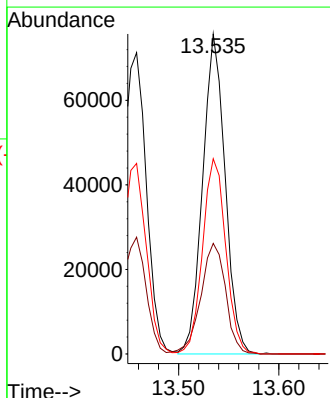
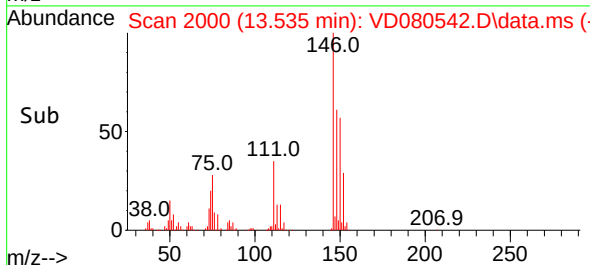
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

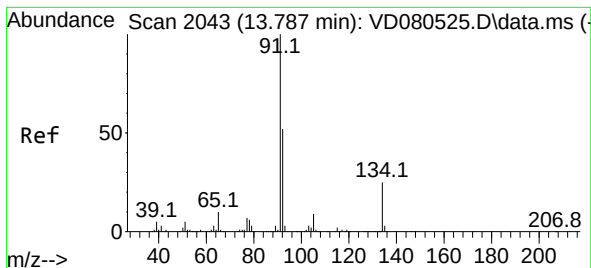


#88
1,4-Dichlorobenzene
Concen: 19.891 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



Tgt Ion:146 Resp: 118056
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.9
148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 19.665 ug/l

RT: 13.782 min Scan# 2043

Delta R.T. -0.006 min

Lab File: VD080542.D

Acq: 19 Nov 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

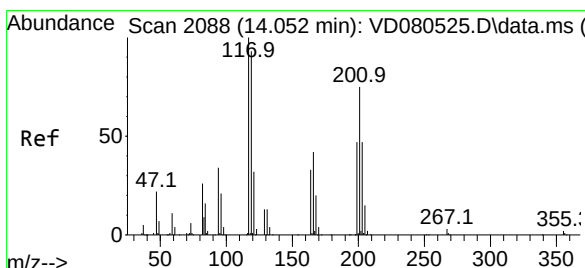
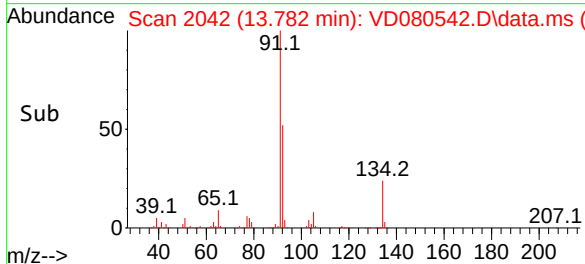
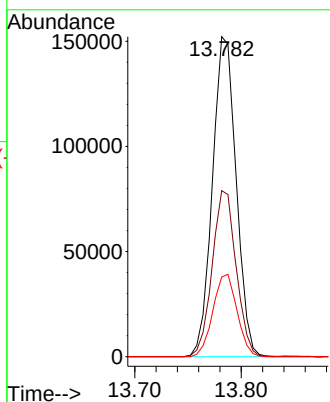
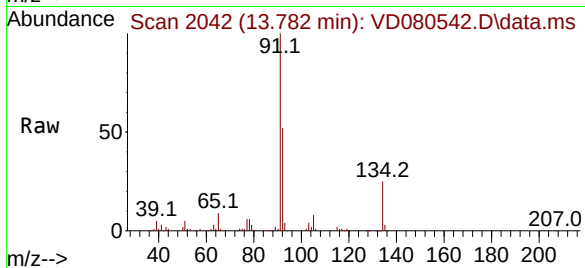
Tgt Ion: 91 Resp: 235528
 Ion Ratio Lower Upper
 91 100
 92 52.4 26.7 80.1
 134 26.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#90

Hexachloroethane

Concen: 19.710 ug/l

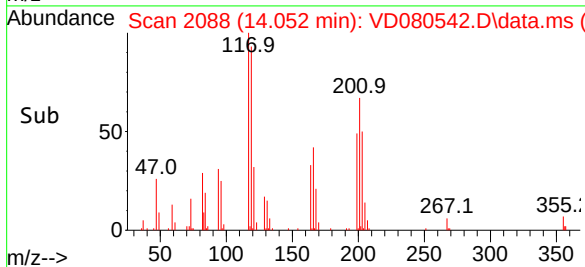
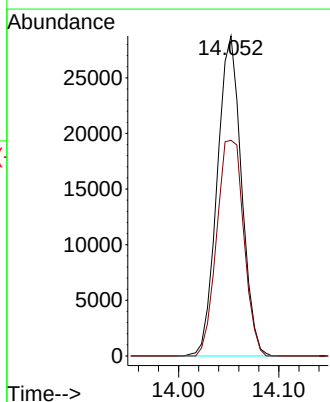
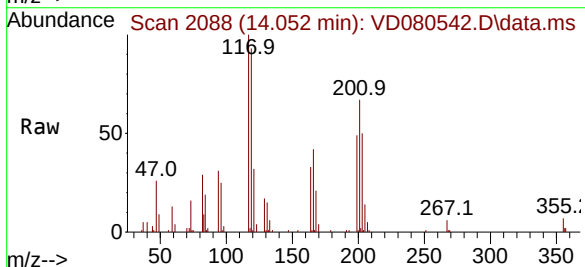
RT: 14.052 min Scan# 2088

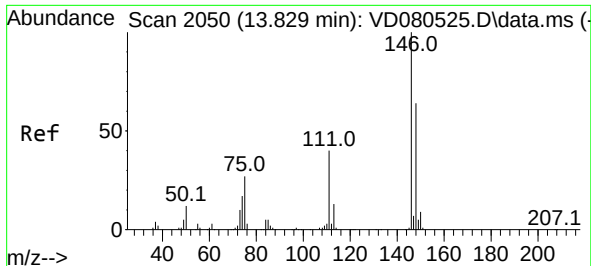
Delta R.T. 0.000 min

Lab File: VD080542.D

Acq: 19 Nov 2025 10:20

Tgt Ion:117 Resp: 48291
 Ion Ratio Lower Upper
 117 100
 201 75.0 36.7 110.1





#91

1,2-Dichlorobenzene

Concen: 19.083 ug/l

RT: 13.829 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VD080542.D

Acq: 19 Nov 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

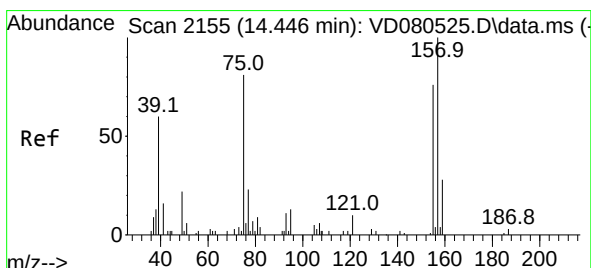
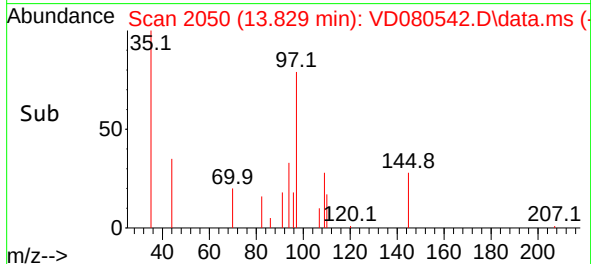
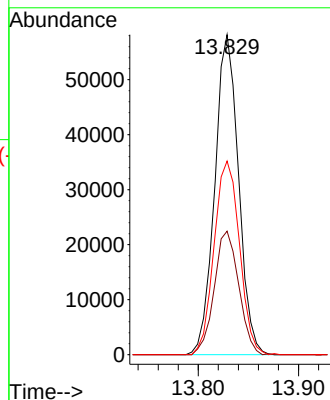
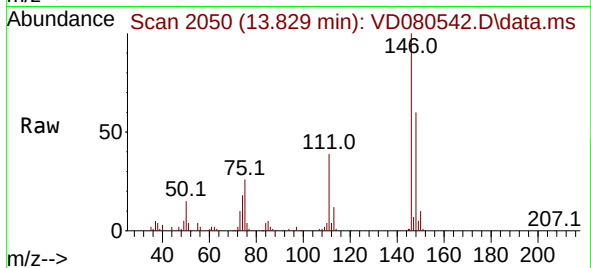
Tgt Ion:	146	Resp:	95724
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.3	60.8
148	64.7	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.688 ug/l

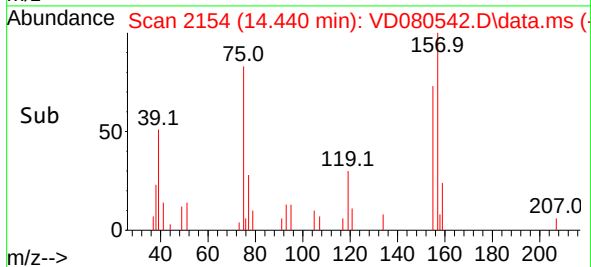
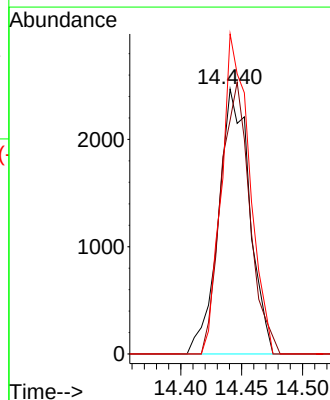
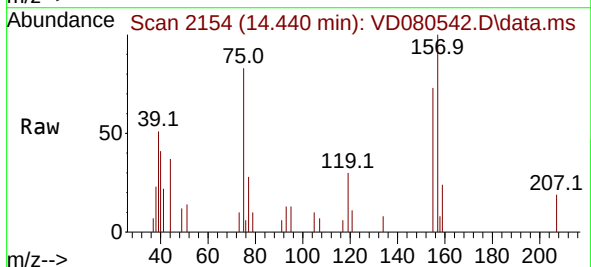
RT: 14.440 min Scan# 2154

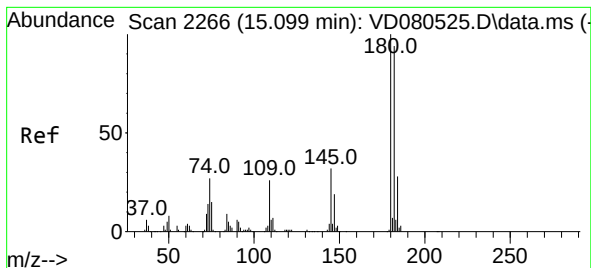
Delta R.T. -0.006 min

Lab File: VD080542.D

Acq: 19 Nov 2025 10:20

Tgt Ion:	75	Resp:	4396
Ion Ratio	Lower	Upper	
75	100		
155	95.3	46.4	139.2
157	108.4	59.6	178.7





#93

1,2,4-Trichlorobenzene

Concen: 18.596 ug/l

RT: 15.093 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD080542.D

Acq: 19 Nov 2025 10:20

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tgt Ion:180 Resp: 5760

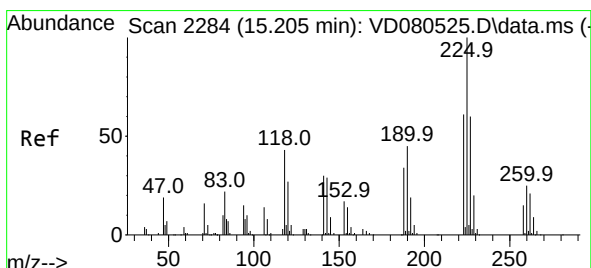
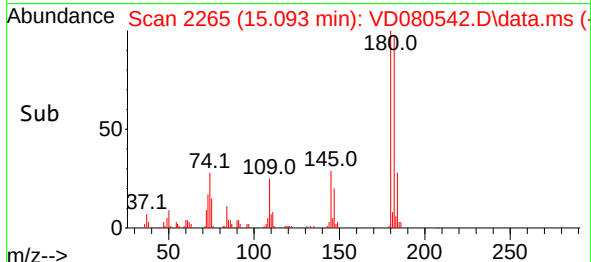
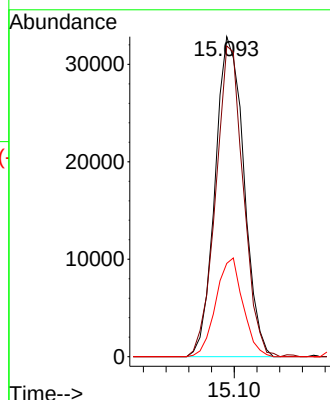
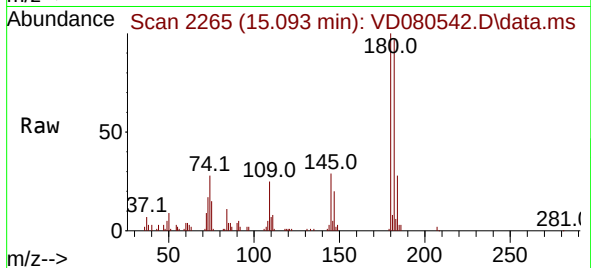
Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.1	141.4
145	29.1	14.7	44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#94

Hexachlorobutadiene

Concen: 20.704 ug/l

RT: 15.199 min Scan# 2283

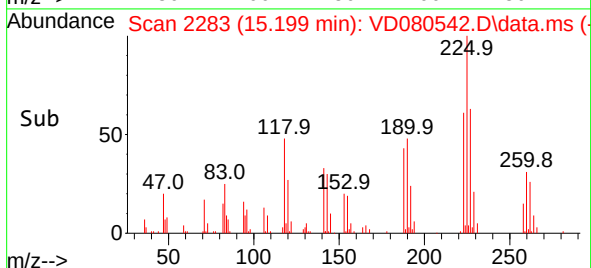
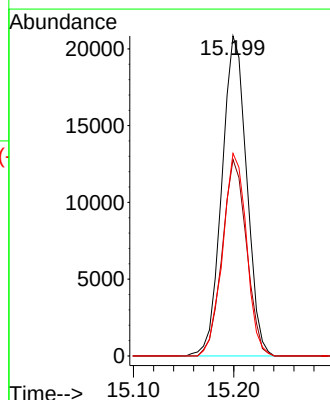
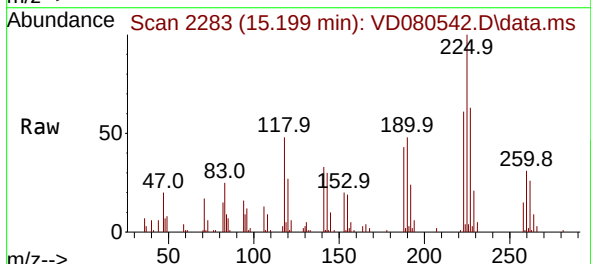
Delta R.T. -0.006 min

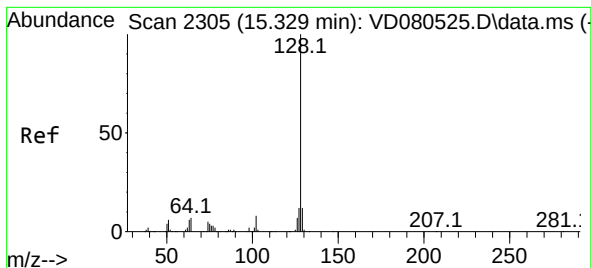
Lab File: VD080542.D

Acq: 19 Nov 2025 10:20

Tgt Ion:225 Resp: 35713

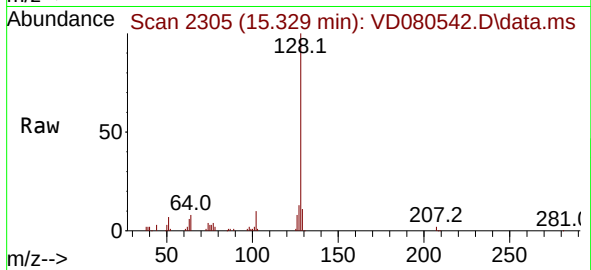
Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.4	94.0
227	60.8	31.9	95.5





#95
Naphthalene
Concen: 17.121 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20

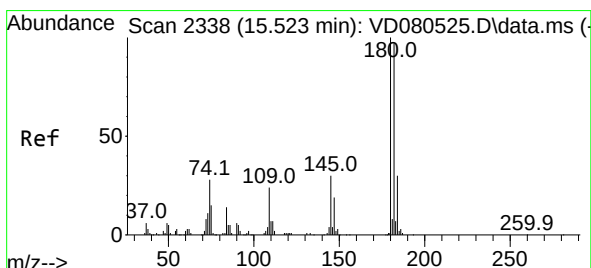
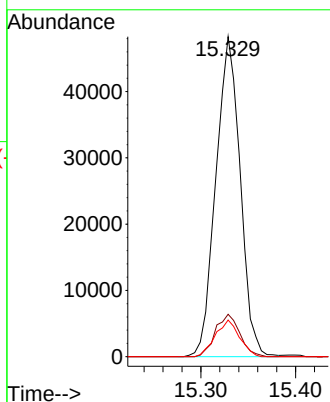
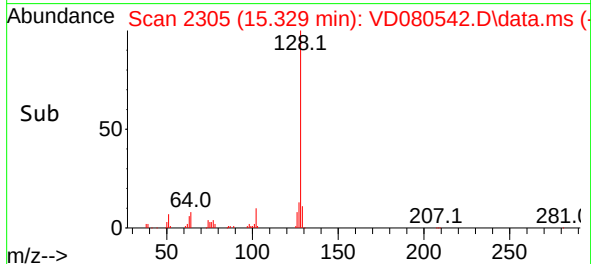
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



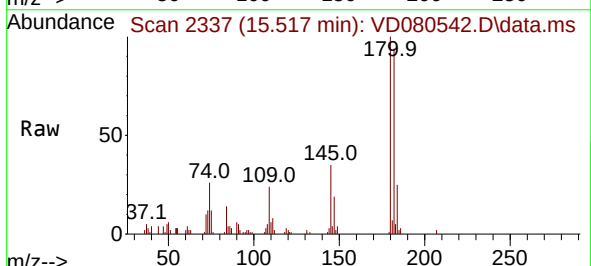
Tgt Ion:128 Resp: 86300
Ion Ratio Lower Upper
128 100
127 13.3 9.8 14.6
129 11.5 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.833 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD080542.D
Acq: 19 Nov 2025 10:20



Tgt Ion:180 Resp: 44753
Ion Ratio Lower Upper
180 100
182 96.7 48.4 145.2
145 34.1 15.9 47.6

