

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111825\
 Data File : VD080531.D
 Acq On : 18 Nov 2025 08:57
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 08:19:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111725S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 18 00:45:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	314436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	513722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	420002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	186899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	118920	45.043	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.080%		
35) Dibromofluoromethane	7.805	113	141598	46.819	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.640%		
50) Toluene-d8	10.270	98	582721	47.628	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.260%		
62) 4-Bromofluorobenzene	12.570	95	164132	46.663	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	116403	49.674	ug/l	97
3) Chloromethane	2.147	50	174211	46.047	ug/l	97
4) Vinyl Chloride	2.288	62	215907	48.166	ug/l	97
5) Bromomethane	2.700	94	163413	49.167	ug/l	100
6) Chloroethane	2.847	64	146337	47.557	ug/l	98
7) Trichlorofluoromethane	3.182	101	253691	49.733	ug/l	95
8) Diethyl Ether	3.594	74	60861	43.291	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.970	101	160080	49.655	ug/l	98
10) Methyl Iodide	4.170	142	214929	51.851	ug/l	99
11) Tert butyl alcohol	5.047	59	23656	192.389	ug/l #	95
12) 1,1-Dichloroethene	3.947	96	164194	48.392	ug/l	97
13) Acrolein	3.794	56	38175	178.470	ug/l	96
14) Allyl chloride	4.564	41	244687	46.181	ug/l	95
15) Acrylonitrile	5.253	53	119520	210.627	ug/l	98
16) Acetone	4.017	43	80172	207.710	ug/l	95
17) Carbon Disulfide	4.276	76	521745	47.787	ug/l	97
18) Methyl Acetate	4.559	43	50215	42.303	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	264104	43.910	ug/l	100
20) Methylene Chloride	4.800	84	178987	45.935	ug/l	97
21) trans-1,2-Dichloroethene	5.317	96	181234	47.900	ug/l	99
22) Diisopropyl ether	6.217	45	428133	44.716	ug/l	99
23) Vinyl Acetate	6.153	43	1080402	216.693	ug/l	100
24) 1,1-Dichloroethane	6.111	63	306367	46.800	ug/l	97
25) 2-Butanone	7.082	43	125922	208.065	ug/l	99
26) 2,2-Dichloropropane	7.076	77	275333	48.903	ug/l	98
27) cis-1,2-Dichloroethene	7.082	96	207895	47.159	ug/l	98
28) Bromochloromethane	7.429	49	107486	44.866	ug/l	95
29) Tetrahydrofuran	7.441	42	80592	199.881	ug/l	97
30) Chloroform	7.594	83	303534	47.283	ug/l	93
31) Cyclohexane	7.876	56	287219	45.803	ug/l	99
32) 1,1,1-Trichloroethane	7.794	97	282347	50.067	ug/l	100
36) 1,1-Dichloropropene	8.011	75	234366	50.130	ug/l	99
37) Ethyl Acetate	7.164	43	58564	41.412	ug/l #	95
38) Carbon Tetrachloride	7.994	117	244822	52.110	ug/l	92
39) Methylcyclohexane	9.270	83	312523	50.663	ug/l	98
40) Benzene	8.252	78	709029	48.977	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	42853	46.387	ug/l	92
42) 1,2-Dichloroethane	8.329	62	144645	47.876	ug/l	100
43) Isopropyl Acetate	8.358	43	120929	43.595	ug/l	98
44) Trichloroethene	9.029	130	184187	50.329	ug/l	96
45) 1,2-Dichloropropane	9.305	63	160170	48.325	ug/l	97
46) Dibromomethane	9.394	93	77306	47.285	ug/l	99
47) Bromodichloromethane	9.582	83	215833	48.884	ug/l	97
48) Methyl methacrylate	9.382	41	61187	44.435	ug/l	96
49) 1,4-Dioxane	9.382	88	13826	907.214	ug/l #	94
51) 4-Methyl-2-Pentanone	10.158	43	274637	213.379	ug/l	99
52) Toluene	10.335	92	447142	48.840	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	181328	46.346	ug/l	96
54) cis-1,3-Dichloropropene	10.017	75	242951	48.147	ug/l	96
55) 1,1,2-Trichloroethane	10.729	97	96891	46.326	ug/l	96
56) Ethyl methacrylate	10.593	69	109702	45.457	ug/l	98
57) 1,3-Dichloropropane	10.876	76	167737	45.990	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	313950	231.857	ug/l	97
59) 2-Hexanone	10.917	43	194056	215.674	ug/l	98
60) Dibromochloromethane	11.070	129	134307	48.326	ug/l	98
61) 1,2-Dibromoethane	11.182	107	92292	45.877	ug/l	98
64) Tetrachloroethene	10.811	164	156326	51.744	ug/l	98
65) Chlorobenzene	11.605	112	470100	50.264	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.682	131	149840	51.227	ug/l	99
67) Ethyl Benzene	11.682	91	855945	50.492	ug/l	100
68) m/p-Xylenes	11.793	106	665170	102.599	ug/l	100
69) o-Xylene	12.117	106	306683	51.165	ug/l	97
70) Styrene	12.135	104	497161	50.254	ug/l	100
71) Bromoform	12.293	173	67646	49.506	ug/l #	100
73) Isopropylbenzene	12.417	105	814875	51.363	ug/l	99
74) N-amyl acetate	12.229	43	108818	44.249	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	90464	45.465	ug/l	100
76) 1,2,3-Trichloropropane	12.723	75	71997m	49.457	ug/l	
77) Bromobenzene	12.699	156	169869	50.443	ug/l	97
78) n-propylbenzene	12.764	91	978664	51.420	ug/l	99
79) 2-Chlorotoluene	12.846	91	523124	49.962	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	650143	51.839	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.470	75	33514	43.965	ug/l	97
82) 4-Chlorotoluene	12.946	91	538265	50.566	ug/l	99
83) tert-Butylbenzene	13.164	119	578470	51.296	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	631687	51.188	ug/l	100
85) sec-Butylbenzene	13.340	105	870852	52.160	ug/l	99
86) p-Isopropyltoluene	13.458	119	718048	51.863	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	344320	51.463	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	326615	49.923	ug/l	99
89) n-Butylbenzene	13.782	91	682932	51.728	ug/l	99
90) Hexachloroethane	14.052	117	135354	50.116	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	274180	49.585	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.446	75	11631	42.456	ug/l	94
93) 1,2,4-Trichlorobenzene	15.099	180	170143	49.827	ug/l	99
94) Hexachlorobutadiene	15.199	225	98891	52.010	ug/l	100
95) Naphthalene	15.329	128	257879	46.408	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	132247	47.806	ug/l	97

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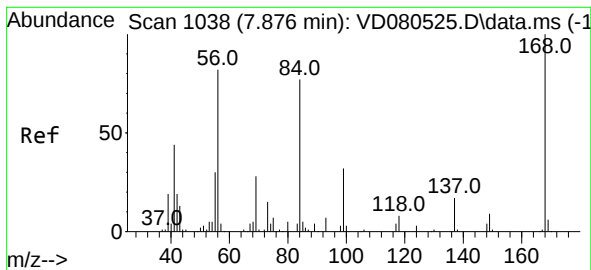
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/19/2025

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Quant Title : SW846 8260
QLast Update : Tue Nov 18 00:45:54 2025
Response via : Initial Calibration

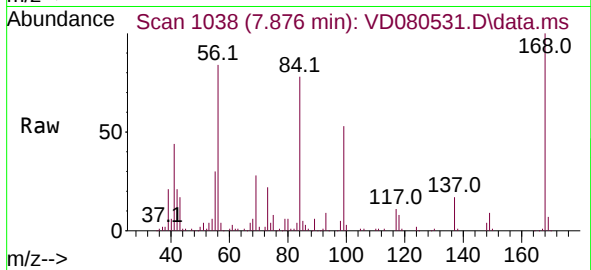
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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: VD080531.D
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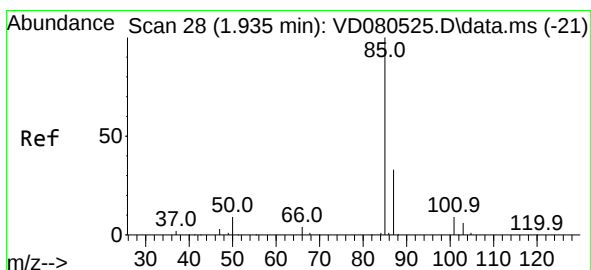
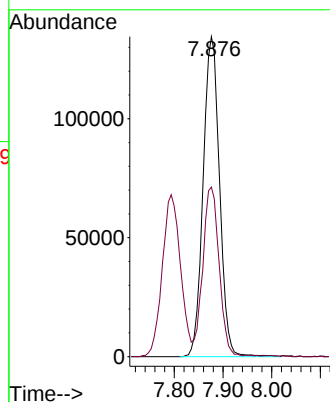
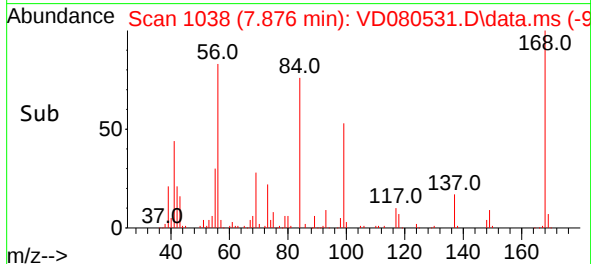
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 314436
Ion Ratio Lower Upper
168 100
99 52.7 42.5 63.7

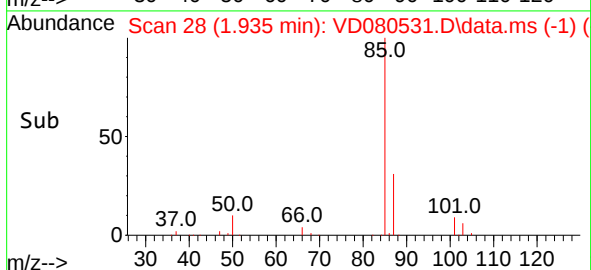
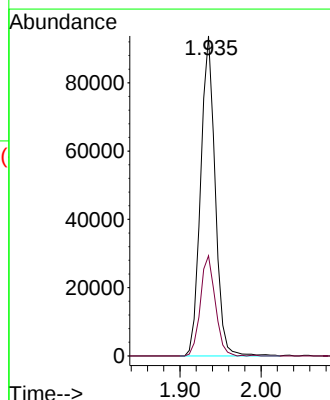
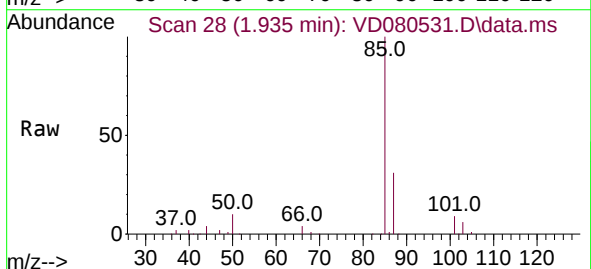
Manual Integrations
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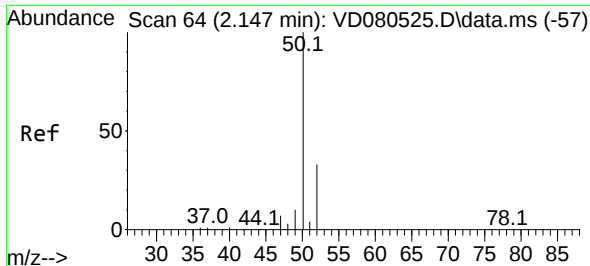
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#2
Dichlorodifluoromethane
Concen: 49.674 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

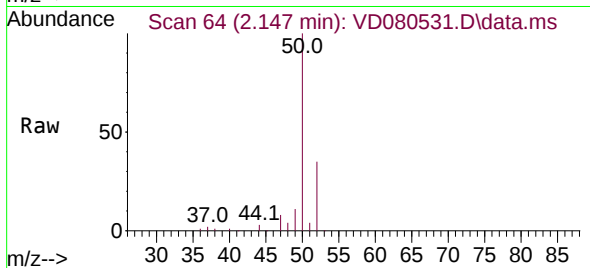
Tgt Ion: 85 Resp: 116403
Ion Ratio Lower Upper
85 100
87 31.3 16.5 49.5





#3
Chloromethane
Concen: 46.047 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

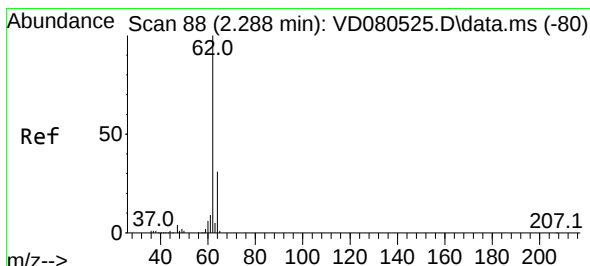
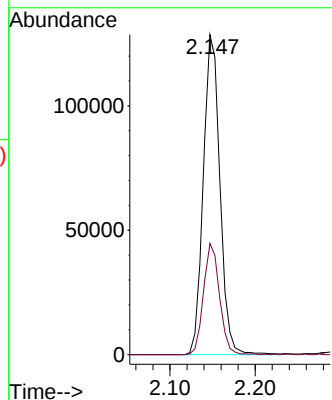
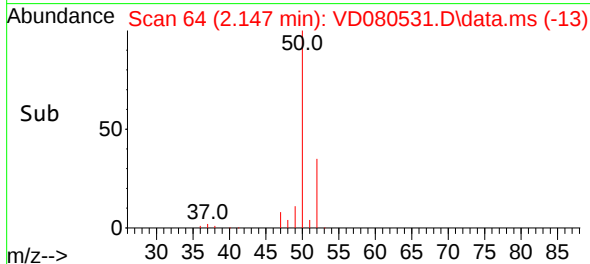
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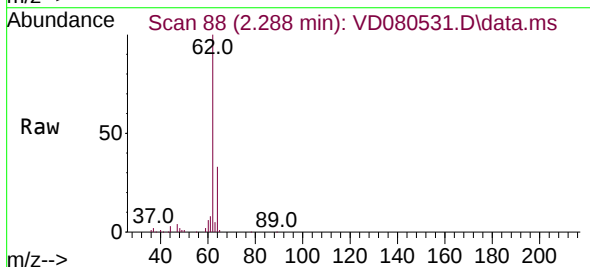
Tgt Ion: 50 Resp: 17421
Ion Ratio Lower Upper
50 100
52 34.7 26.5 39.7

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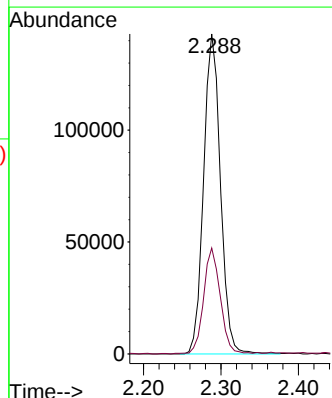
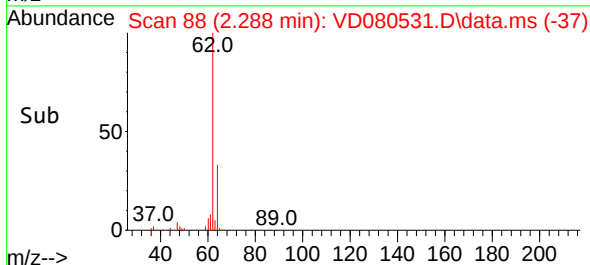
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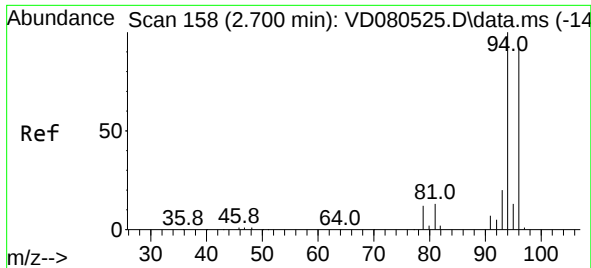


#4
Vinyl Chloride
Concen: 48.166 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



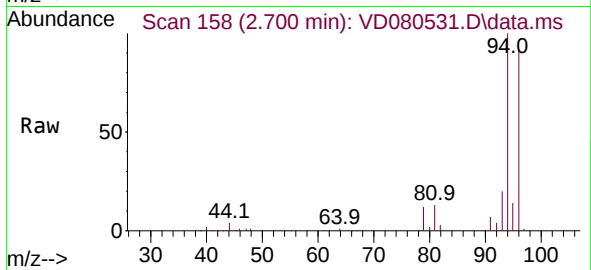
Tgt Ion: 62 Resp: 215907
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.6





#5
Bromomethane
Concen: 49.167 ug/l
RT: 2.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

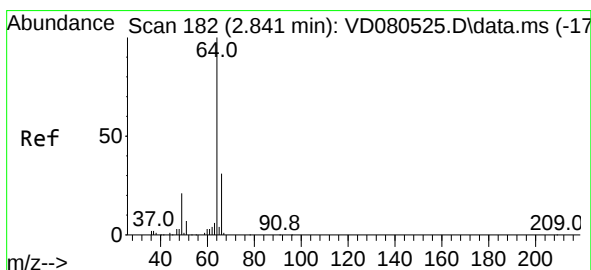
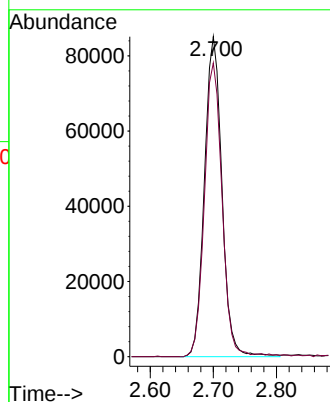
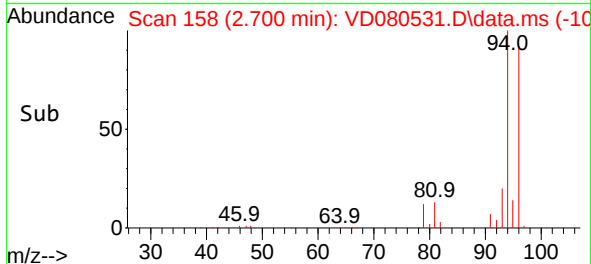
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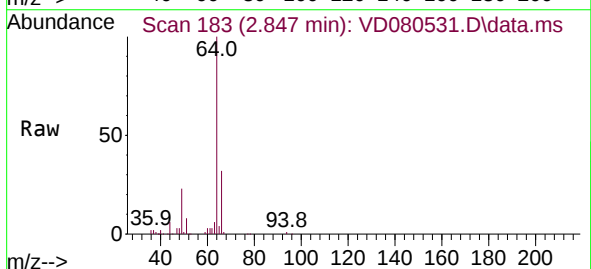
Tgt Ion: 94 Resp: 163413
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0

Manual Integrations
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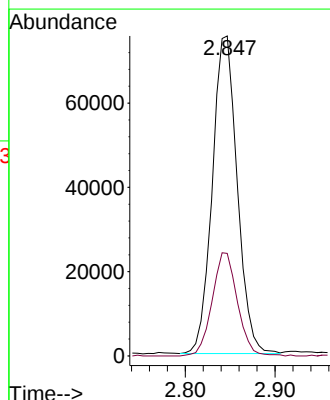
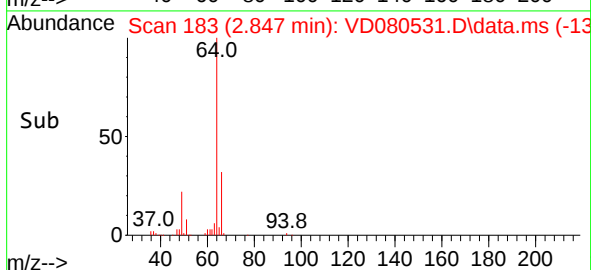
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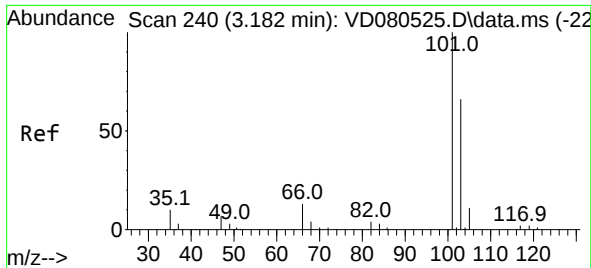


#6
Chloroethane
Concen: 47.557 ug/l
RT: 2.847 min Scan# 183
Delta R.T. 0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



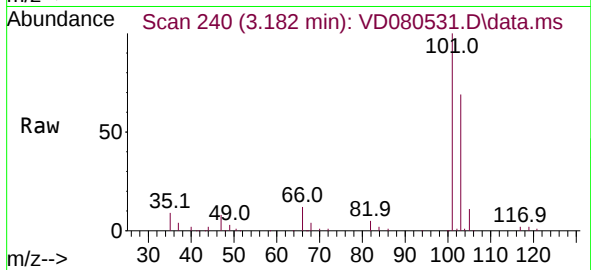
Tgt Ion: 64 Resp: 146337
Ion Ratio Lower Upper
64 100
66 32.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 49.733 ug/l
 RT: 3.182 min Scan# 240
 Delta R.T. 0.000 min
 Lab File: VD080531.D
 Acq: 18 Nov 2025 08:57

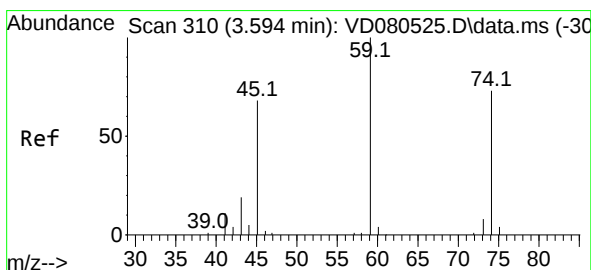
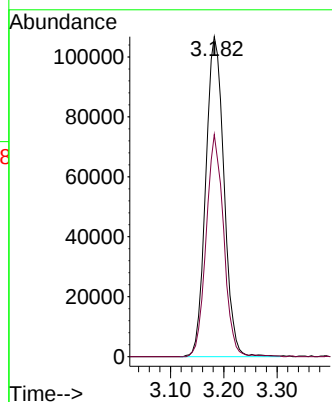
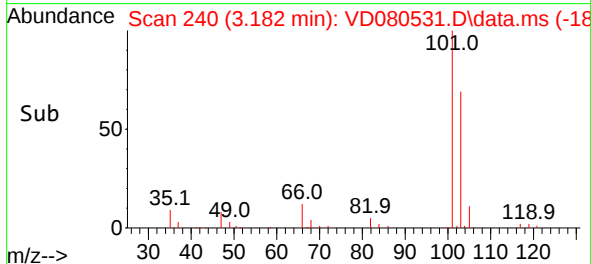
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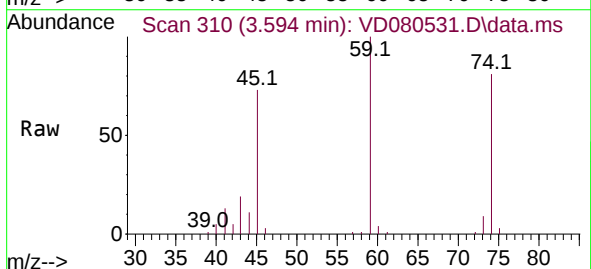
Tgt Ion:101 Resp: 253691
 Ion Ratio Lower Upper
 101 100
 103 69.4 52.6 78.8

Manual Integrations
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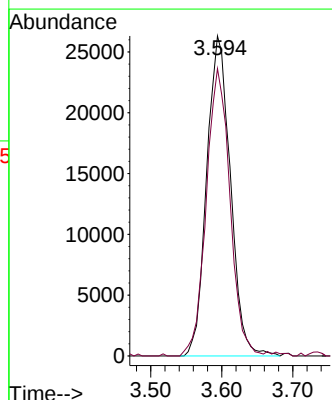
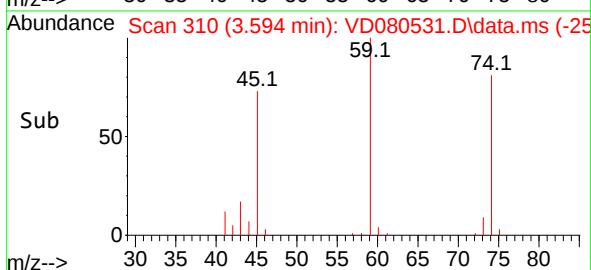
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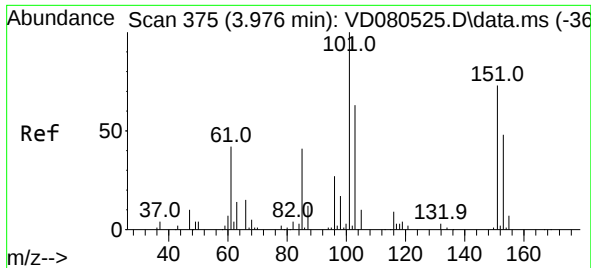


#8
 Diethyl Ether
 Concen: 43.291 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VD080531.D
 Acq: 18 Nov 2025 08:57



Tgt Ion: 74 Resp: 60861
 Ion Ratio Lower Upper
 74 100
 45 89.8 46.9 140.7





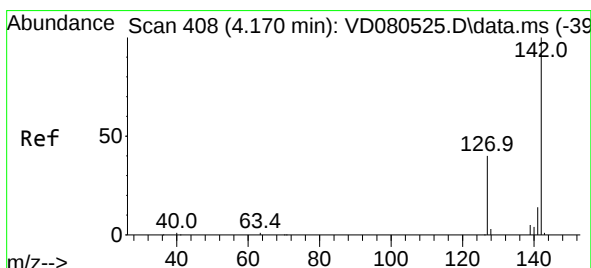
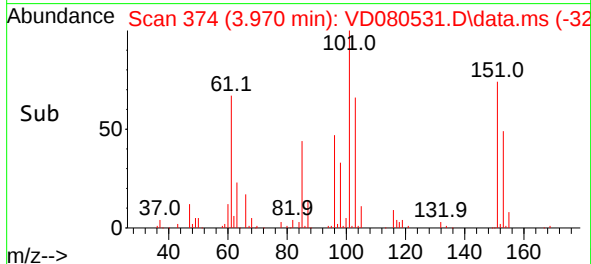
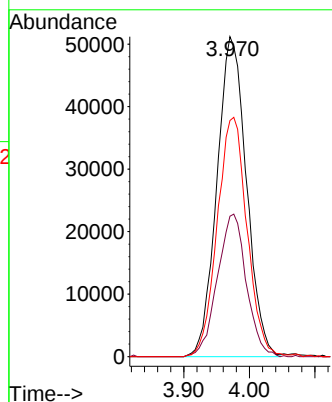
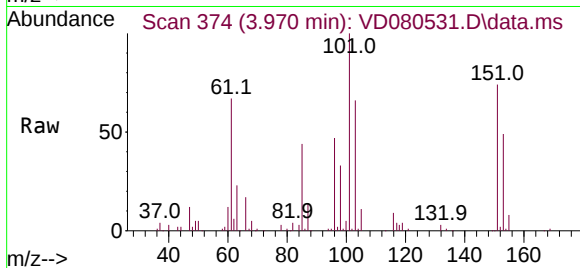
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.655 ug/l
RT: 3.970 min Scan# 375
Delta R.T. -0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 160080
Ion Ratio Lower Upper
101 100
85 43.7 33.8 50.6
151 75.5 59.6 89.4

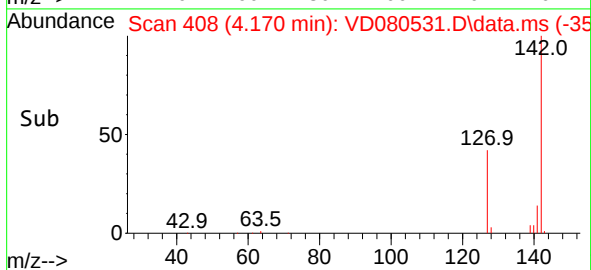
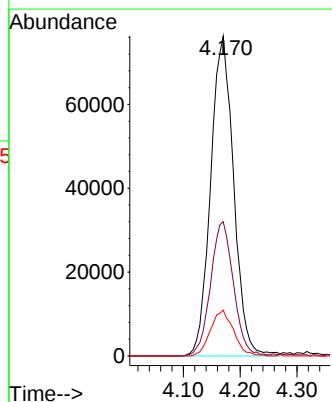
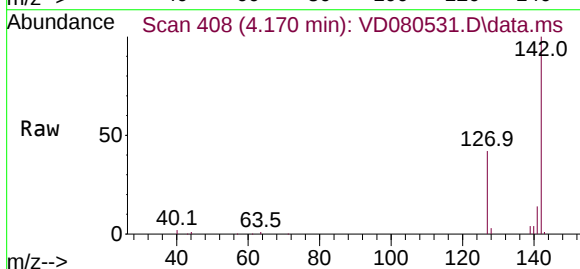
Manual Integrations
APPROVED

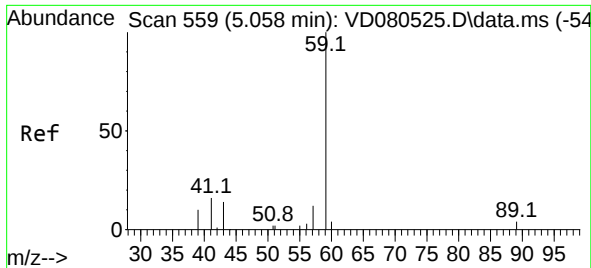
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#10
Methyl Iodide
Concen: 51.851 ug/l
RT: 4.170 min Scan# 408
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion:142 Resp: 214929
Ion Ratio Lower Upper
142 100
127 41.7 32.6 49.0
141 14.3 11.4 17.2





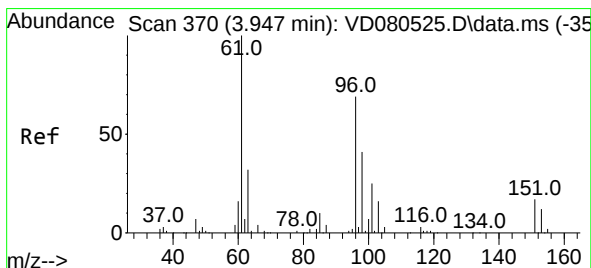
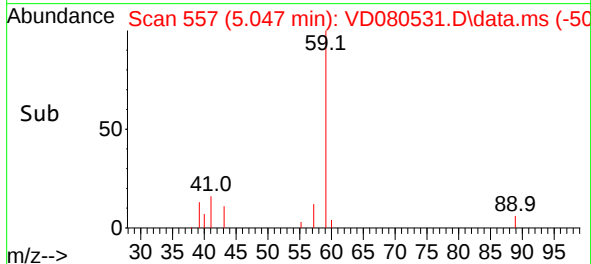
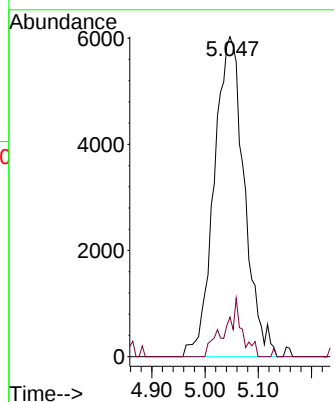
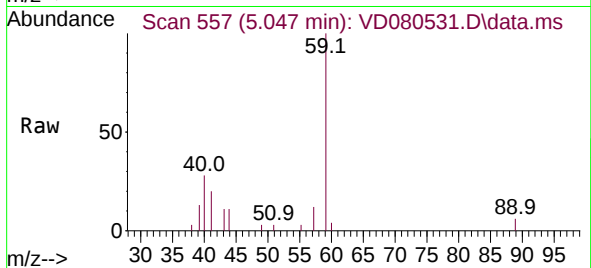
#11
Tert butyl alcohol
Concen: 192.389 ug/l
RT: 5.047 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 23656
Ion Ratio Lower Upper
59 100
57 7.4 4.5 6.7

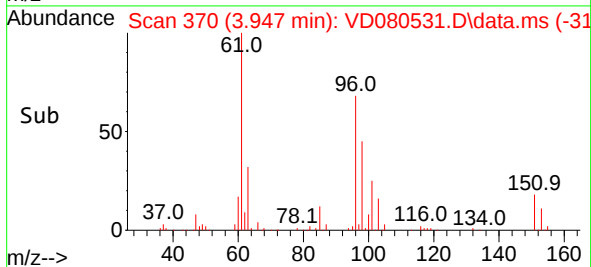
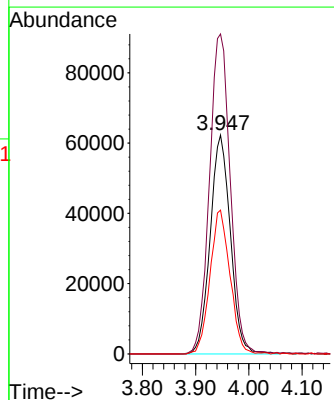
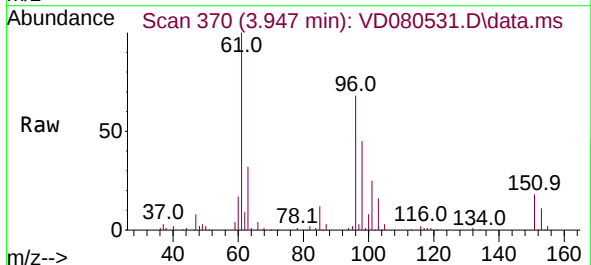
Manual Integrations
APPROVED

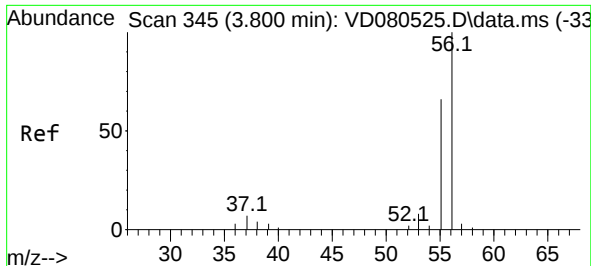
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#12
1,1-Dichloroethene
Concen: 48.392 ug/l
RT: 3.947 min Scan# 370
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

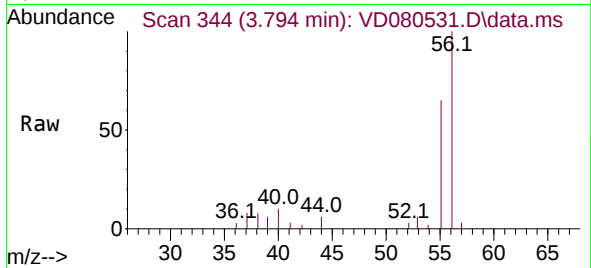
Tgt Ion: 96 Resp: 164194
Ion Ratio Lower Upper
96 100
61 146.3 116.2 174.2
98 65.7 47.6 71.4





#13
Acrolein
Concen: 178.470 ug/l
RT: 3.794 min Scan# 345
Delta R.T. -0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

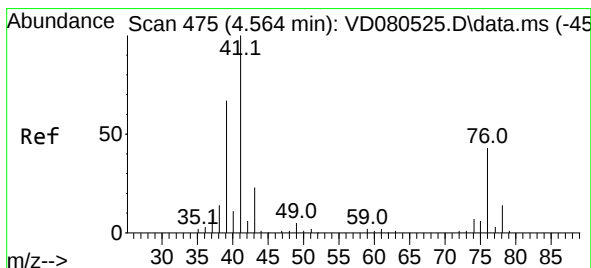
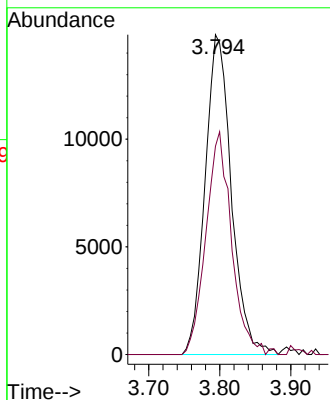
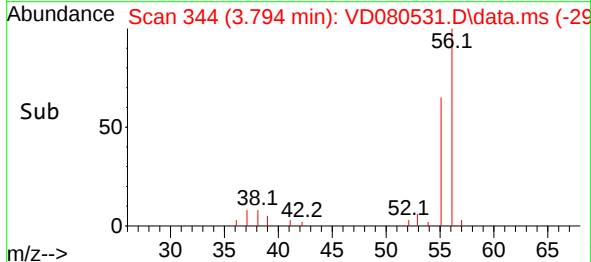
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



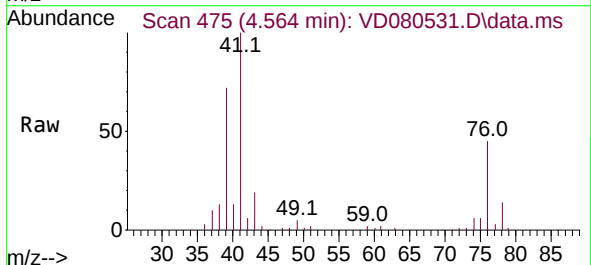
Tgt Ion: 56 Resp: 38175
Ion Ratio Lower Upper
56 100
55 68.2 57.2 85.8

Manual Integrations
APPROVED

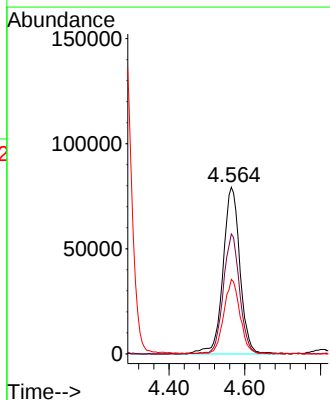
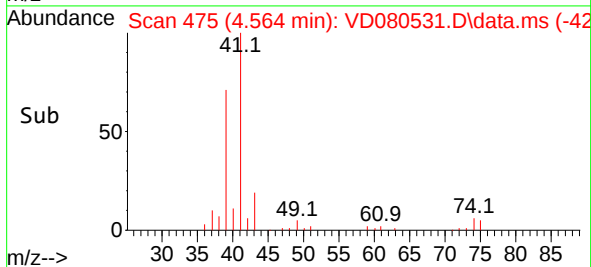
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

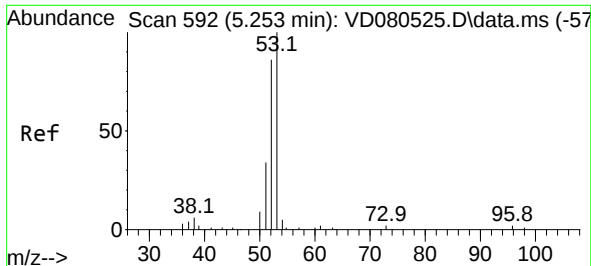


#14
Allyl chloride
Concen: 46.181 ug/l
RT: 4.564 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



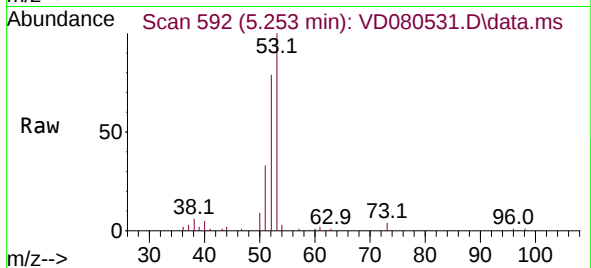
Tgt Ion: 41 Resp: 244687
Ion Ratio Lower Upper
41 100
39 69.6 51.4 77.2
76 41.5 32.6 48.8





#15
Acrylonitrile
Concen: 210.627 ug/l
RT: 5.253 min Scan# 592
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

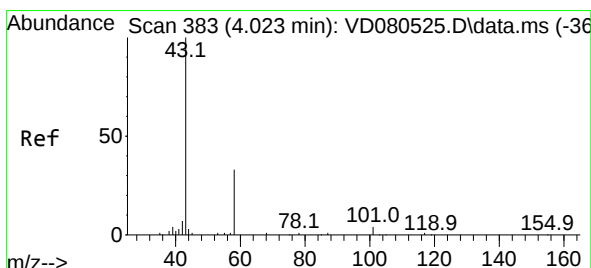
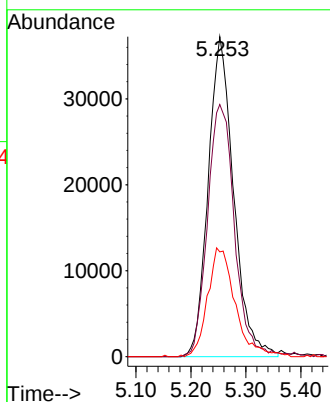
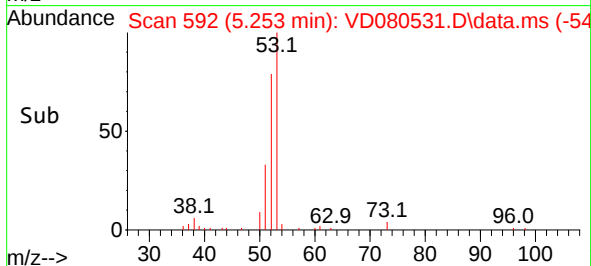
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 119520
Ion Ratio Lower Upper
53 100
52 83.6 64.9 97.3
51 36.8 28.8 43.2

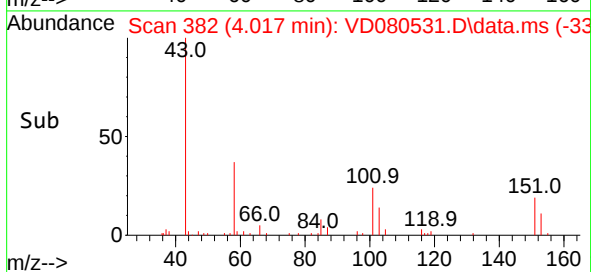
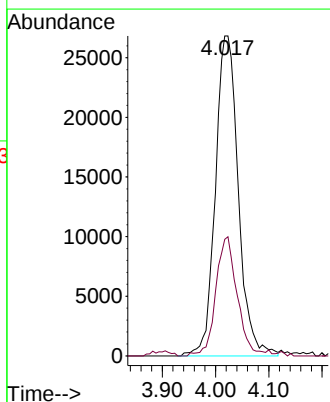
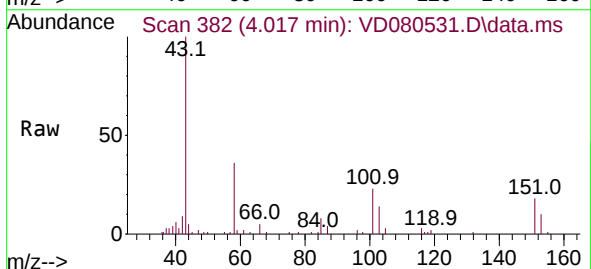
Manual Integrations
APPROVED

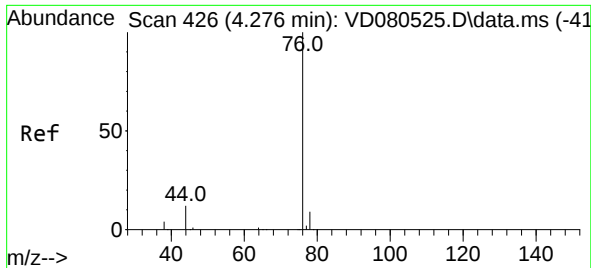
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#16
Acetone
Concen: 207.710 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

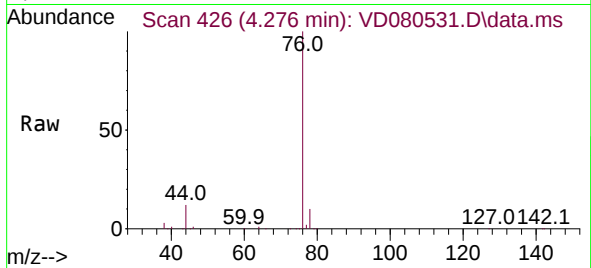
Tgt Ion: 43 Resp: 80172
Ion Ratio Lower Upper
43 100
58 36.4 26.6 40.0





#17
Carbon Disulfide
Concen: 47.787 ug/l
RT: 4.276 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

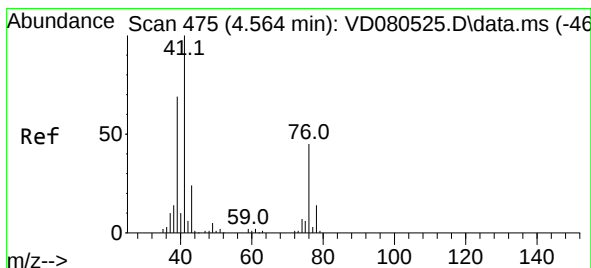
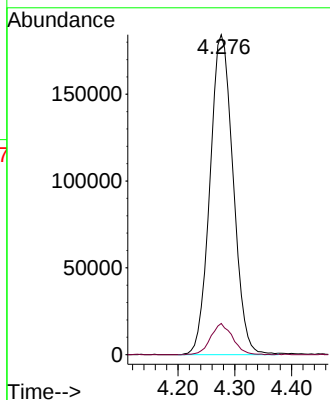
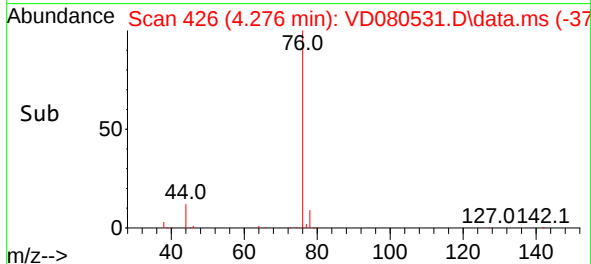
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



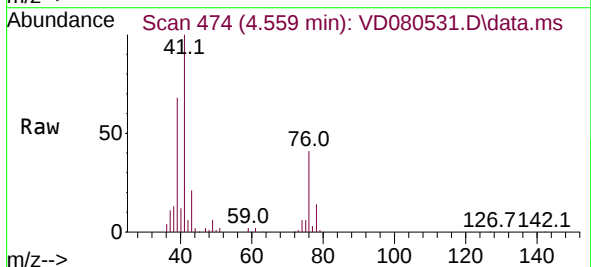
Tgt Ion: 76 Resp: 521745
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

Manual Integrations
APPROVED

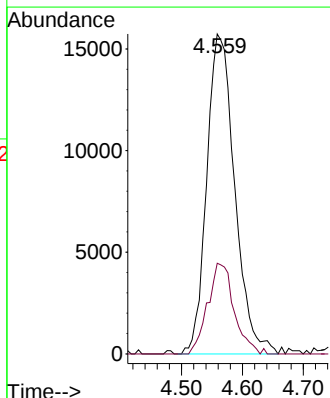
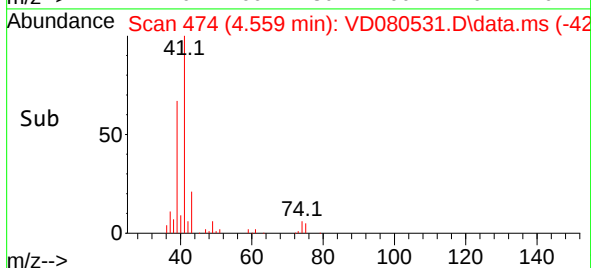
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

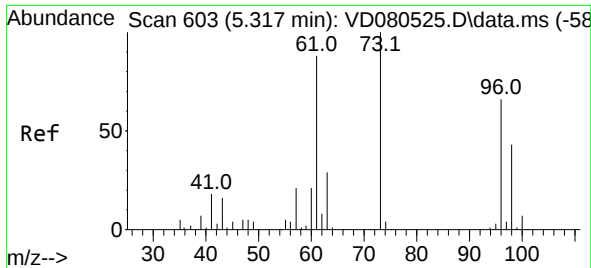


#18
Methyl Acetate
Concen: 42.303 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



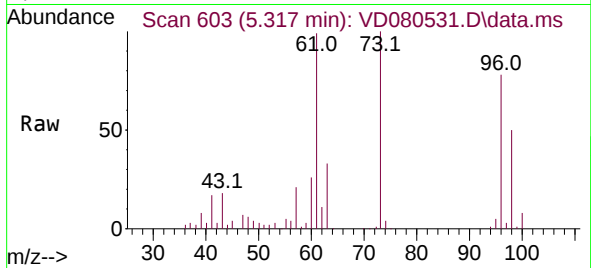
Tgt Ion: 43 Resp: 50215
Ion Ratio Lower Upper
43 100
74 26.7 21.7 32.5





#19
Methyl tert-butyl Ether
Concen: 43.910 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

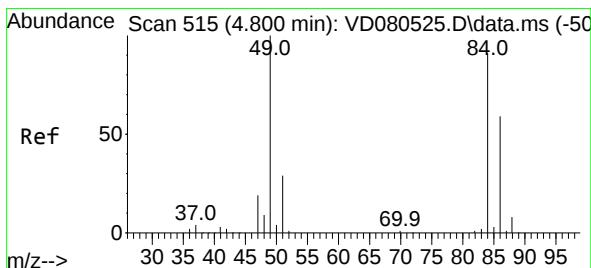
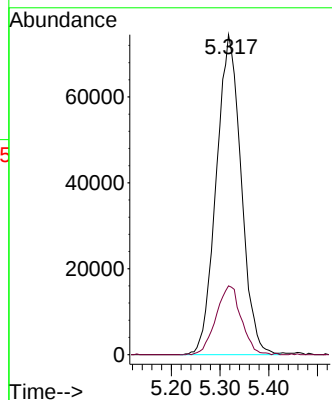
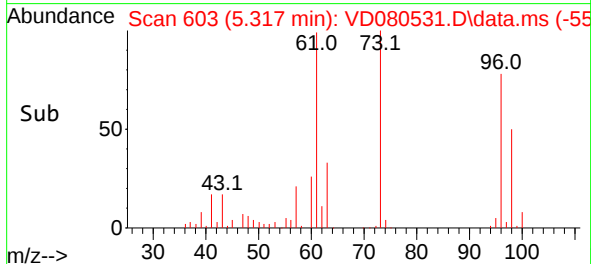
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



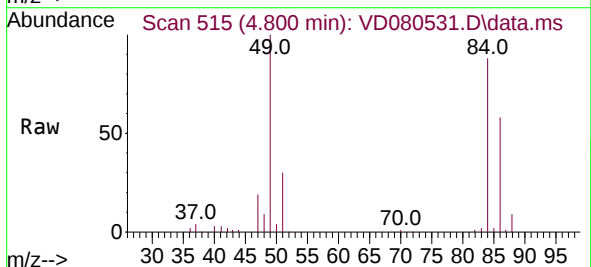
Tgt Ion: 73 Resp: 264104
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7

Manual Integrations
APPROVED

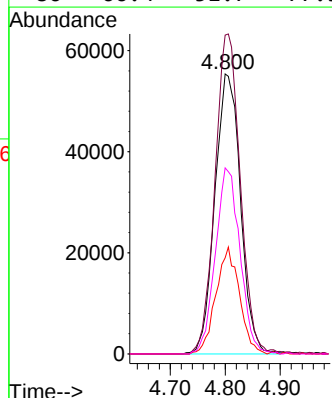
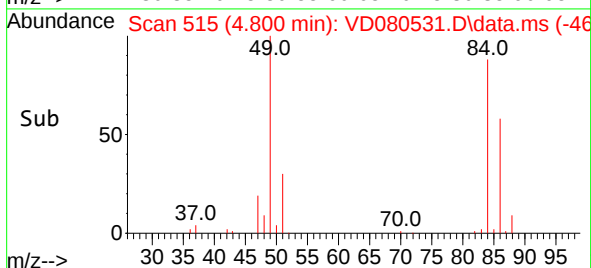
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

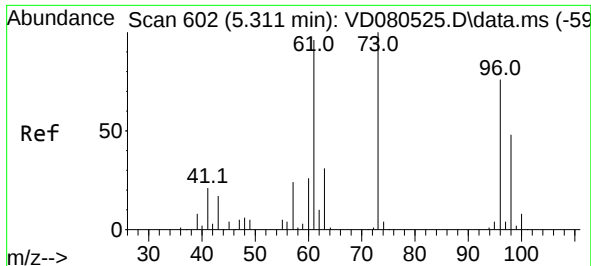


#20
Methylene Chloride
Concen: 45.935 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



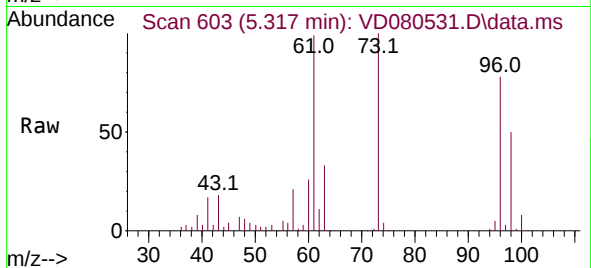
Tgt Ion: 84 Resp: 178987
Ion Ratio Lower Upper
84 100
49 113.9 87.9 131.9
51 34.4 25.4 38.2
86 66.4 51.7 77.5





#21
trans-1,2-Dichloroethene
Concen: 47.900 ug/l
RT: 5.317 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

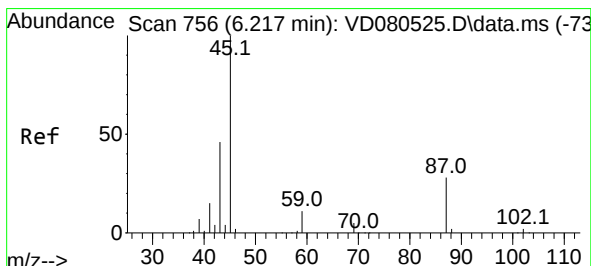
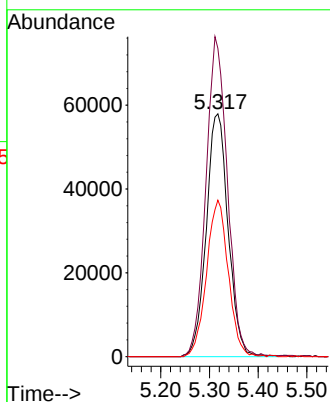
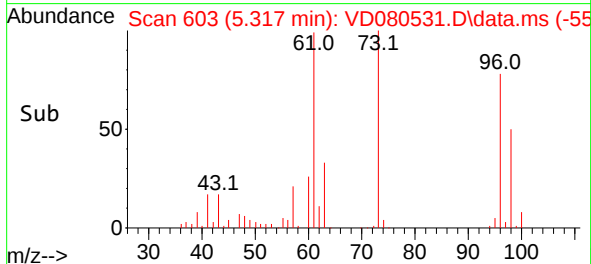
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



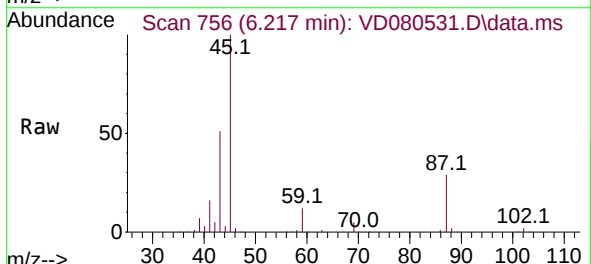
Tgt Ion: 96 Resp: 181234
Ion Ratio Lower Upper
96 100
61 127.0 102.0 153.0
98 64.4 50.5 75.7

Manual Integrations
APPROVED

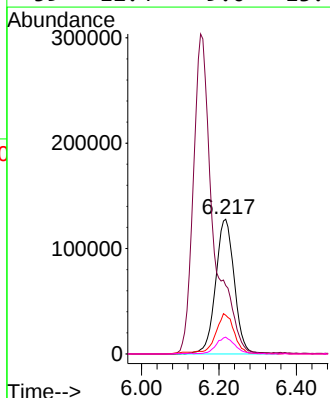
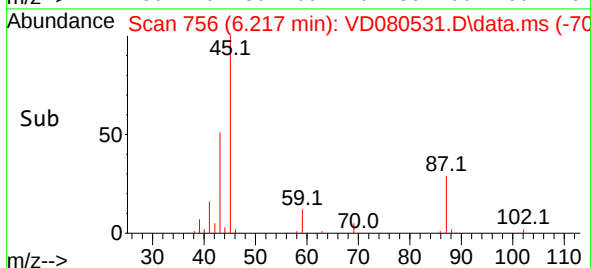
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

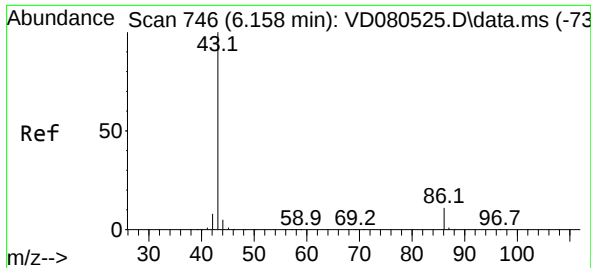


#22
Diisopropyl ether
Concen: 44.716 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



Tgt Ion: 45 Resp: 428133
Ion Ratio Lower Upper
45 100
43 49.8 40.6 60.8
87 28.6 23.0 34.6
59 12.4 9.0 13.4





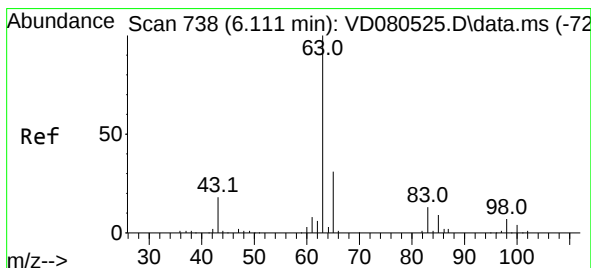
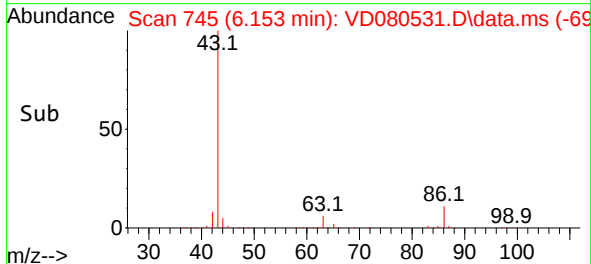
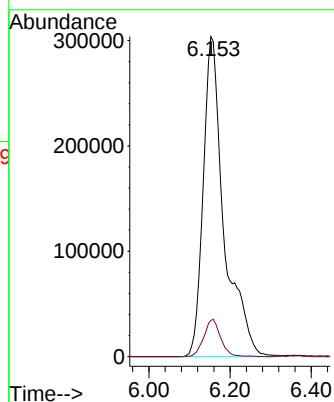
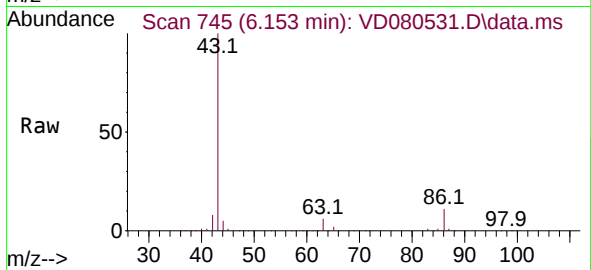
#23
 Vinyl Acetate
 Concen: 216.693 ug/l
 RT: 6.153 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD080531.D
 Acq: 18 Nov 2025 08:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 108040
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.1 13.7

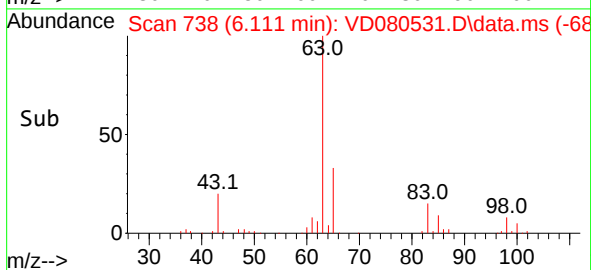
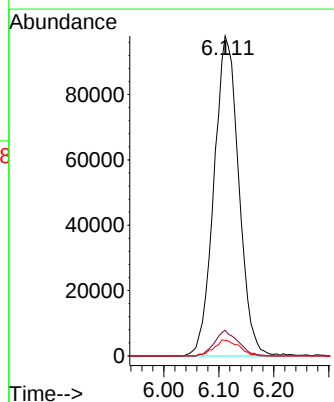
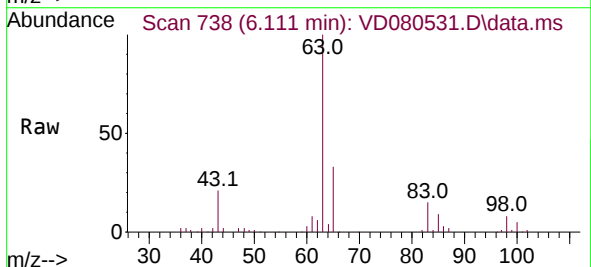
Manual Integrations
 APPROVED

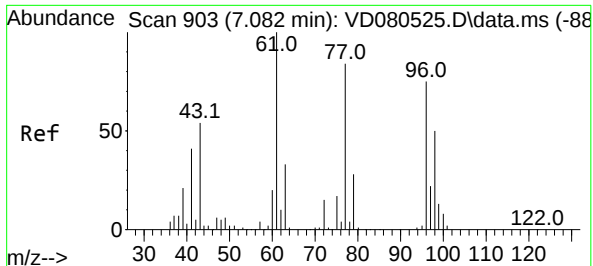
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#24
 1,1-Dichloroethane
 Concen: 46.800 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD080531.D
 Acq: 18 Nov 2025 08:57

Tgt Ion: 63 Resp: 306367
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.9 2.0 6.0





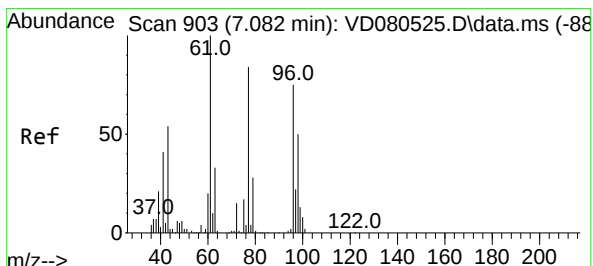
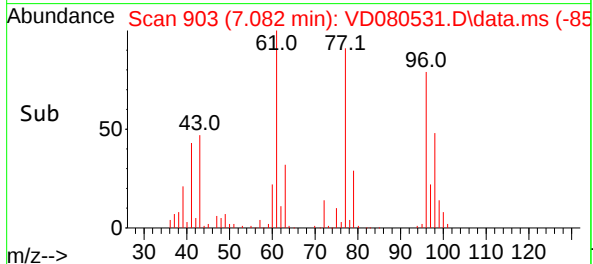
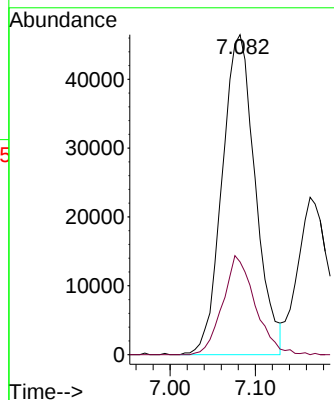
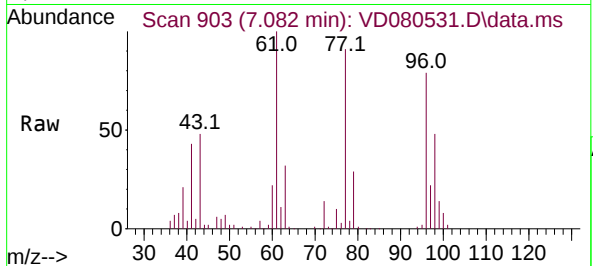
#25
2-Butanone
Concen: 208.065 ug/l
RT: 7.082 min Scan# 901
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 125922
Ion Ratio Lower Upper
43 100
72 29.0 22.6 34.0

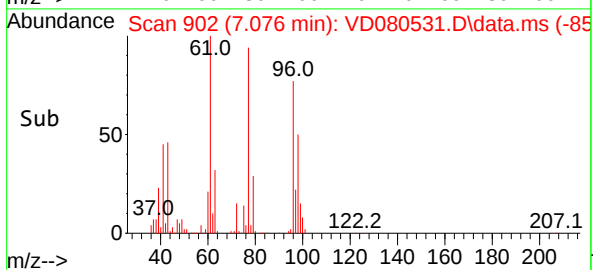
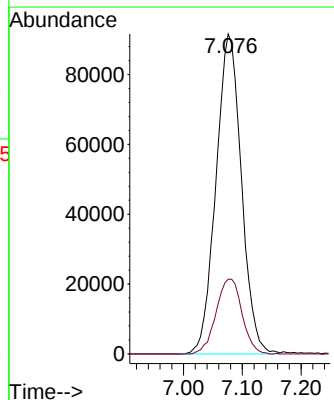
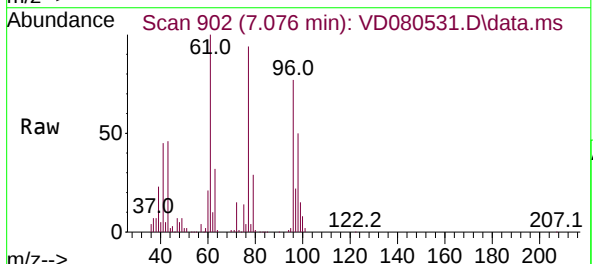
Manual Integrations
APPROVED

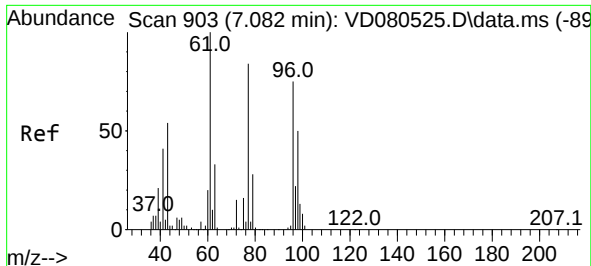
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#26
2,2-Dichloropropane
Concen: 48.903 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

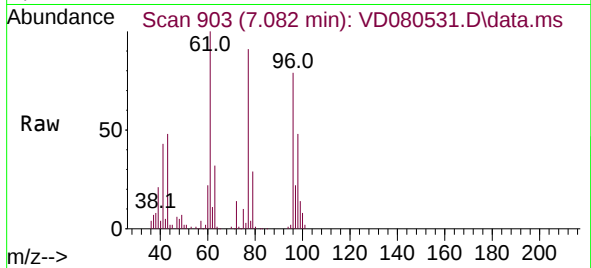
Tgt Ion: 77 Resp: 275333
Ion Ratio Lower Upper
77 100
97 23.8 12.4 37.4





#27
cis-1,2-Dichloroethene
Concen: 47.159 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

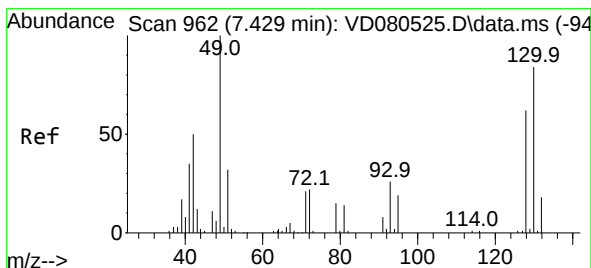
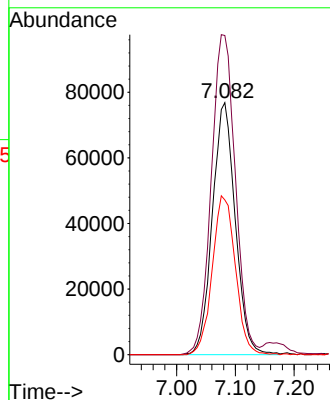
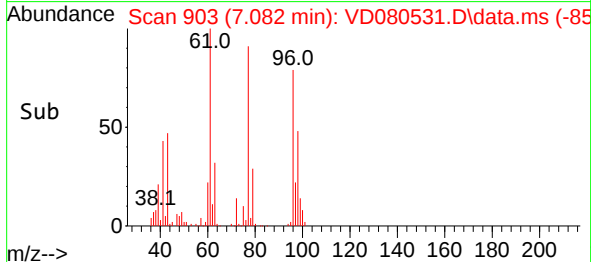
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 207895
Ion Ratio Lower Upper
96 100
61 133.6 0.0 271.8
98 63.6 0.0 130.6

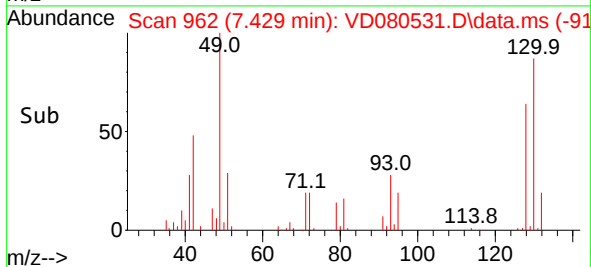
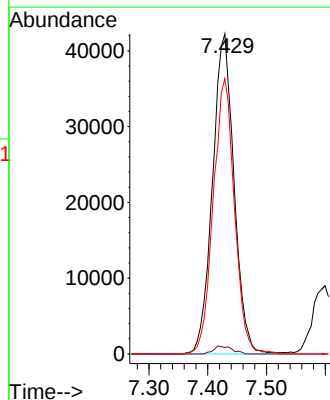
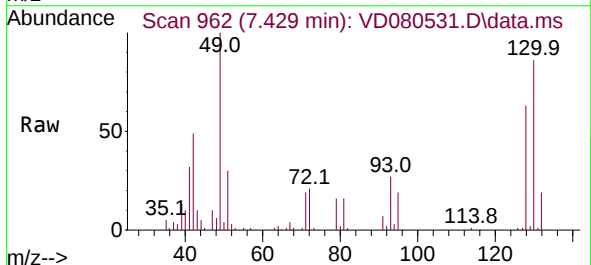
Manual Integrations
APPROVED

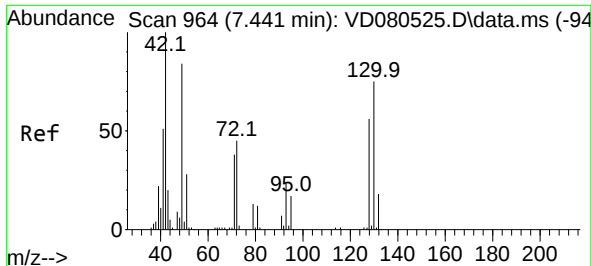
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#28
Bromochloromethane
Concen: 44.866 ug/l
RT: 7.429 min Scan# 962
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion: 49 Resp: 107486
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.4
130 84.9 64.3 96.5





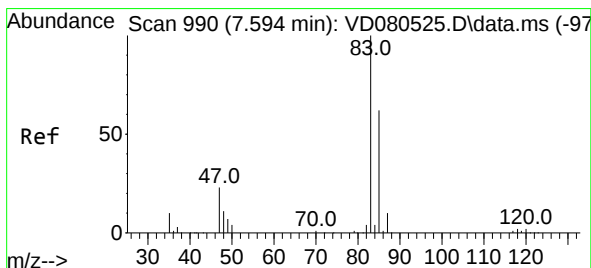
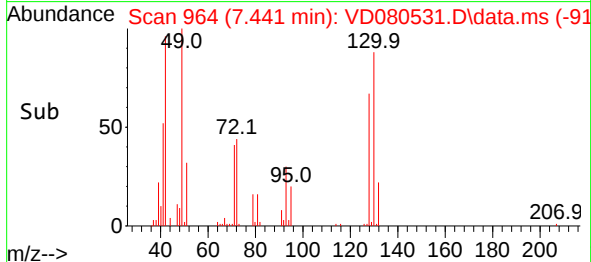
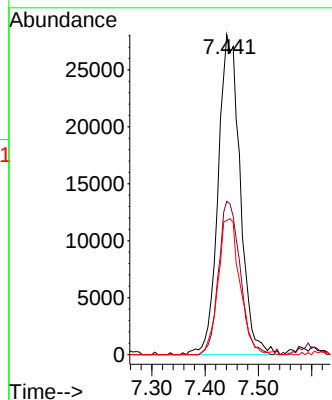
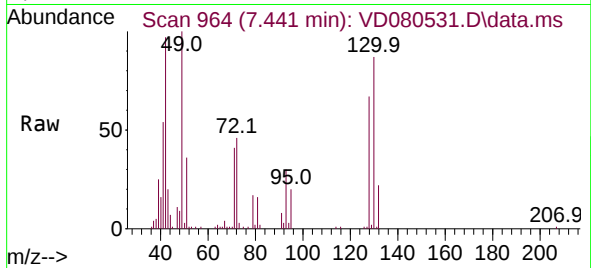
#29
Tetrahydrofuran
Concen: 199.881 ug/l
RT: 7.441 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 80592
Ion Ratio Lower Upper
42 100
72 46.6 35.4 53.2
71 42.2 32.2 48.4

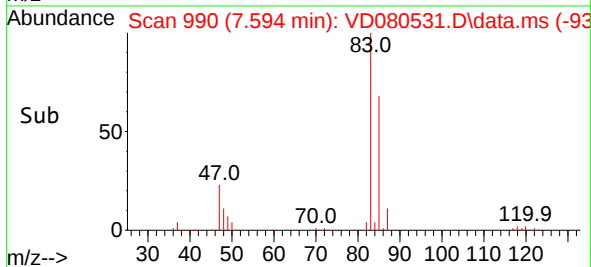
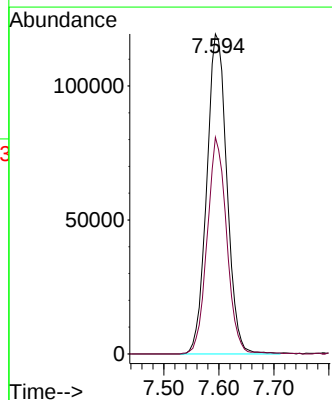
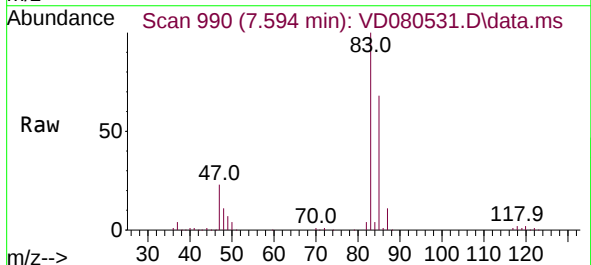
Manual Integrations
APPROVED

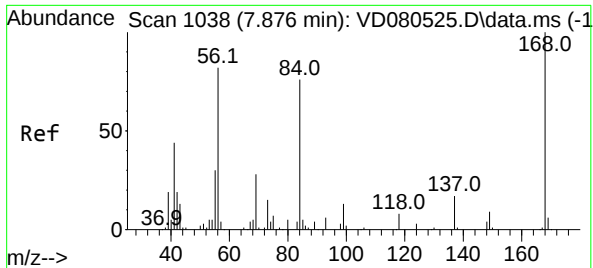
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#30
Chloroform
Concen: 47.283 ug/l
RT: 7.594 min Scan# 990
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

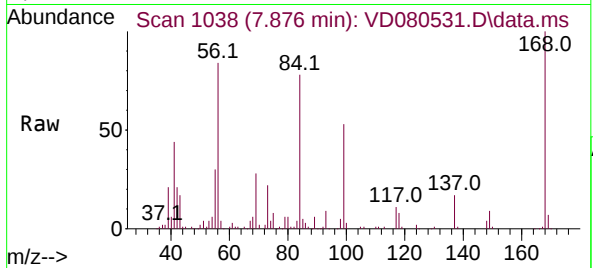
Tgt Ion: 83 Resp: 303534
Ion Ratio Lower Upper
83 100
85 67.7 49.8 74.8





#31
Cyclohexane
Concen: 45.803 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

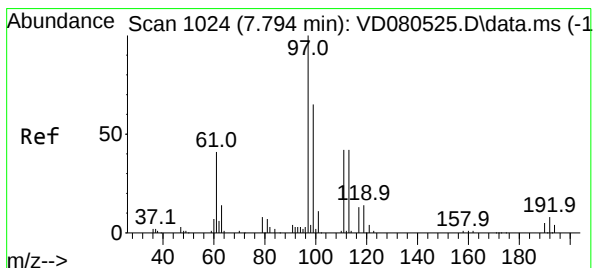
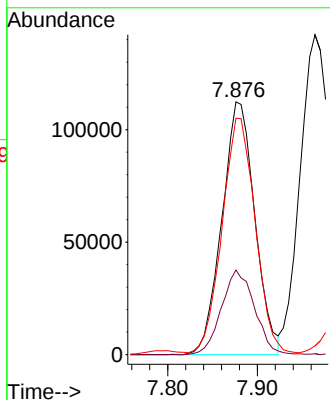
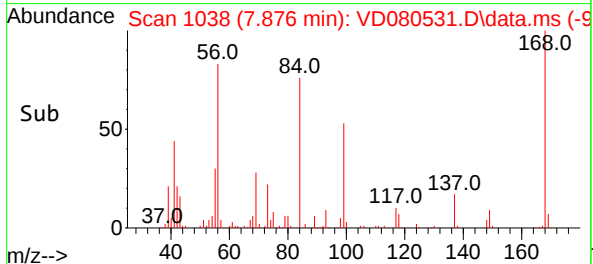
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



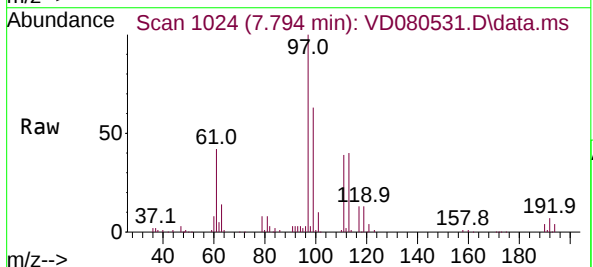
Tgt Ion: 56 Resp: 287219
Ion Ratio Lower Upper
56 100
69 33.5 27.6 41.4
84 92.5 74.6 111.8

Manual Integrations
APPROVED

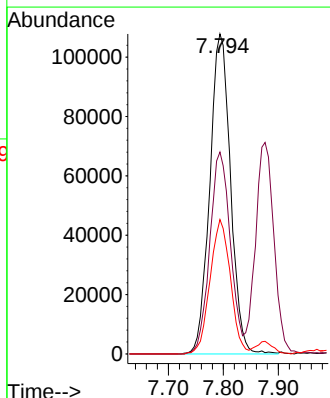
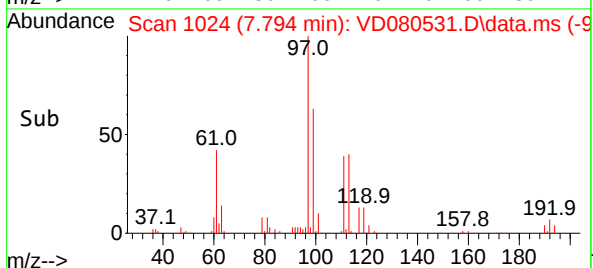
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

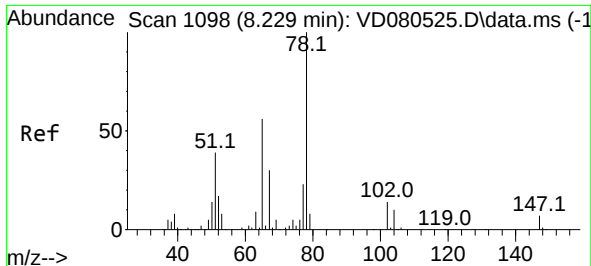


#32
1,1,1-Trichloroethane
Concen: 50.067 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



Tgt Ion: 97 Resp: 282347
Ion Ratio Lower Upper
97 100
99 62.5 50.4 75.6
61 41.2 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 45.043 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VD080531.D

Acq: 18 Nov 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 118920

Ion Ratio Lower Upper

65 100

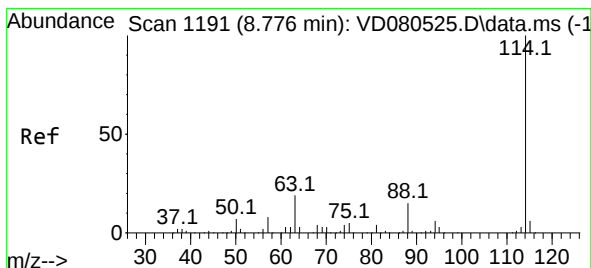
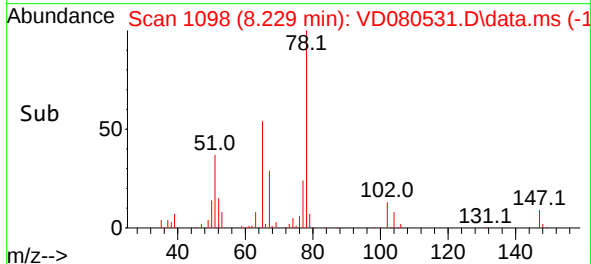
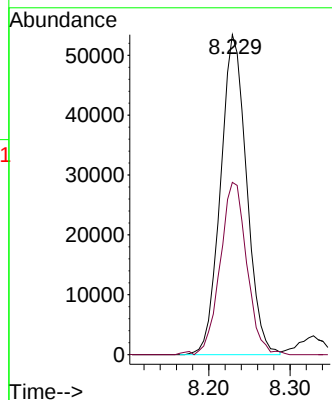
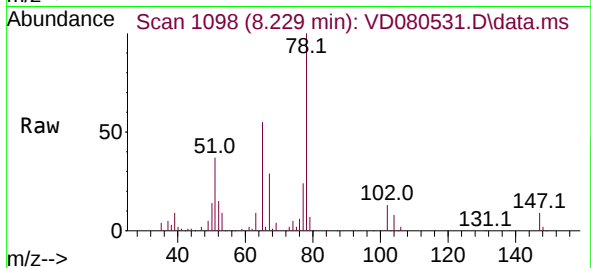
67 55.2 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080531.D

Acq: 18 Nov 2025 08:57

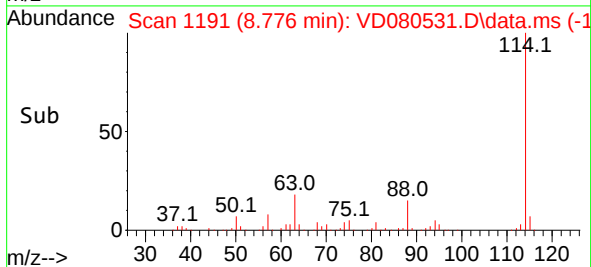
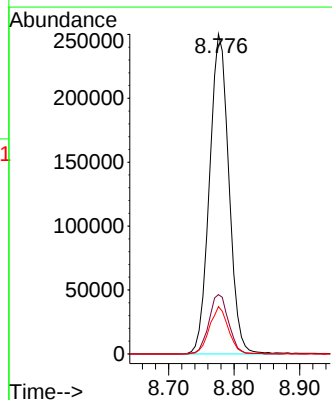
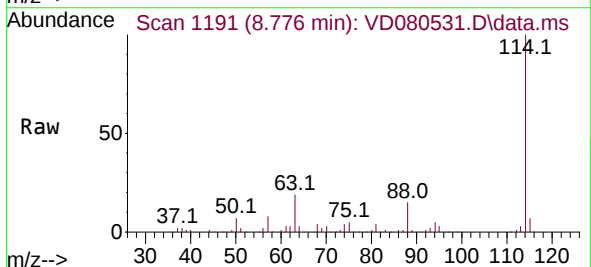
Tgt Ion:114 Resp: 513722

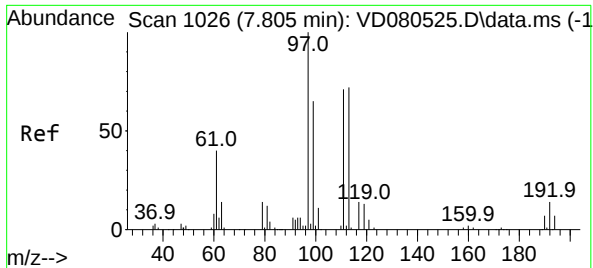
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.2

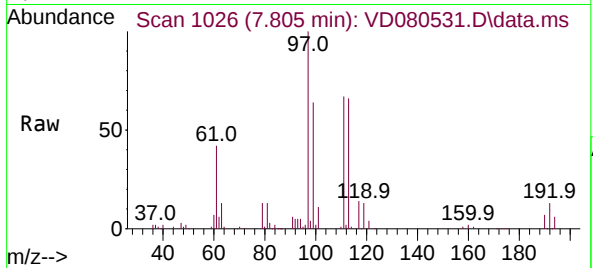
88 14.8 0.0 29.6





#35
Dibromofluoromethane
Concen: 46.819 ug/l
RT: 7.805 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

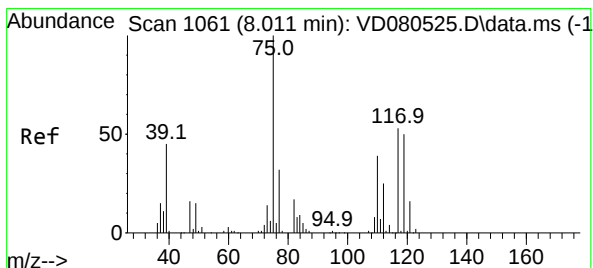
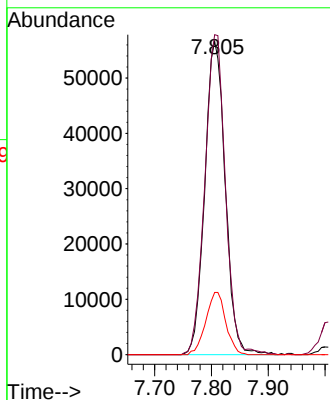
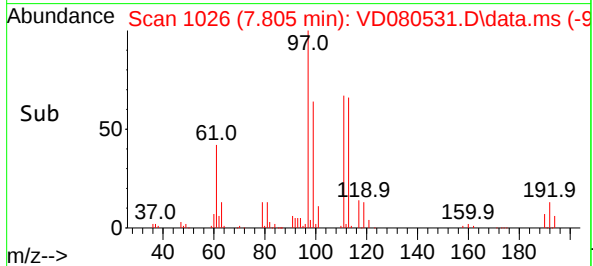
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 141598
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.3 16.0 24.0

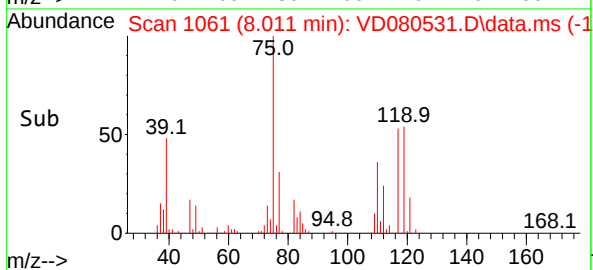
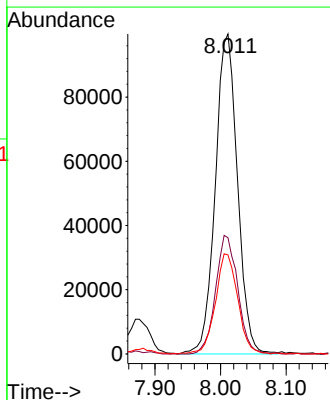
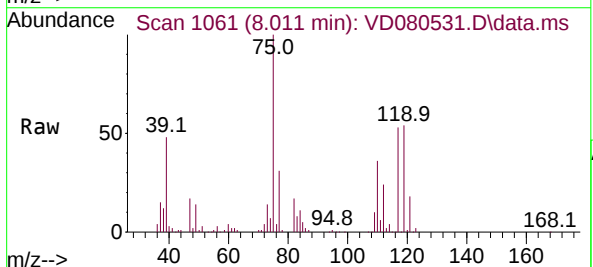
Manual Integrations
APPROVED

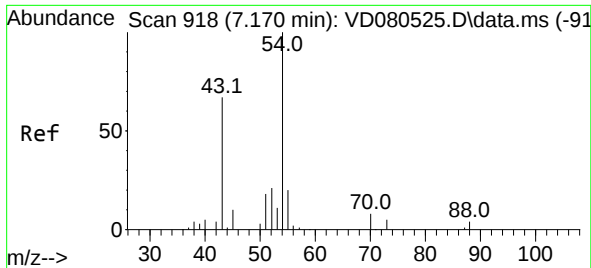
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#36
1,1-Dichloropropene
Concen: 50.130 ug/l
RT: 8.011 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion: 75 Resp: 234366
Ion Ratio Lower Upper
75 100
110 37.0 18.9 56.5
77 31.5 25.8 38.8





#37

Ethyl Acetate

Concen: 41.412 ug/l

RT: 7.164 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD080531.D

Acq: 18 Nov 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

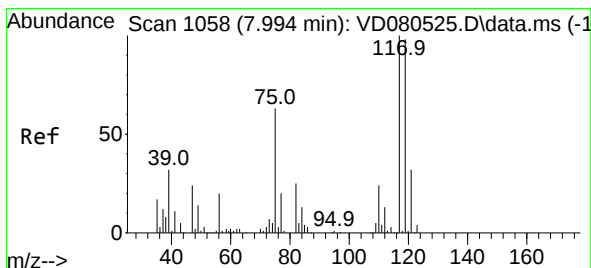
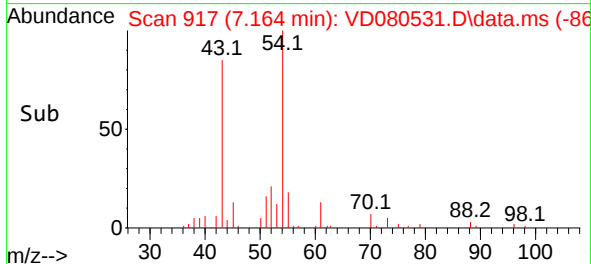
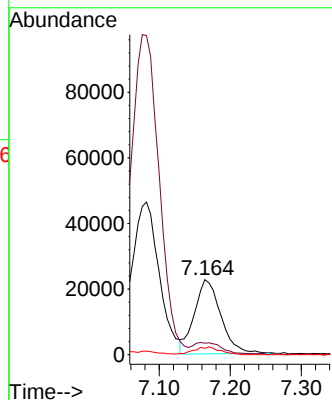
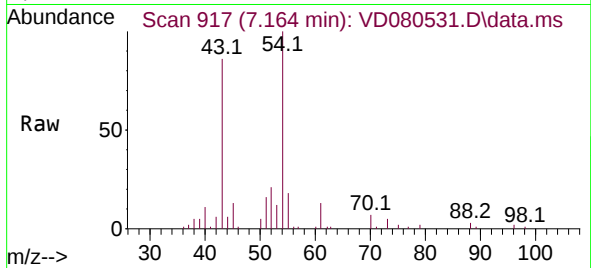
Tgt Ion:	43	Resp:	58564
Ion Ratio	Lower	Upper	
43	100		
61	18.5	11.9	17.9
70	10.1	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#38

Carbon Tetrachloride

Concen: 52.110 ug/l

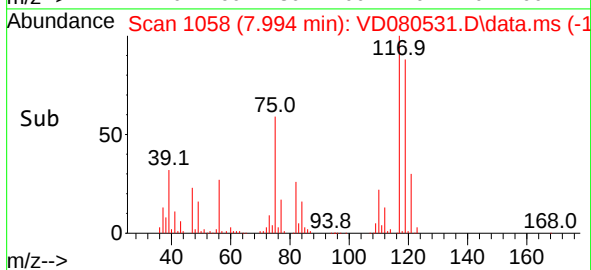
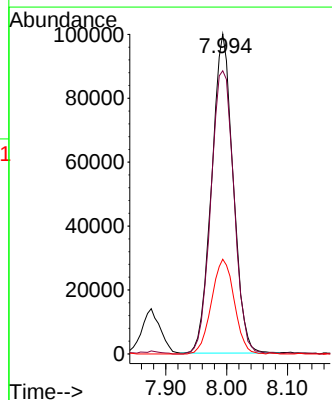
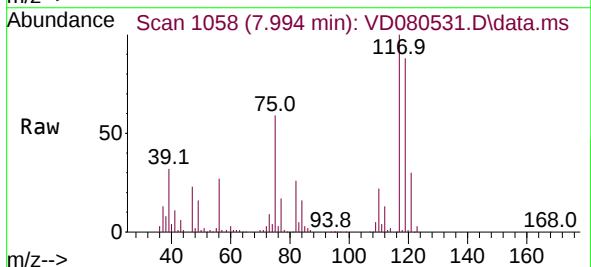
RT: 7.994 min Scan# 1058

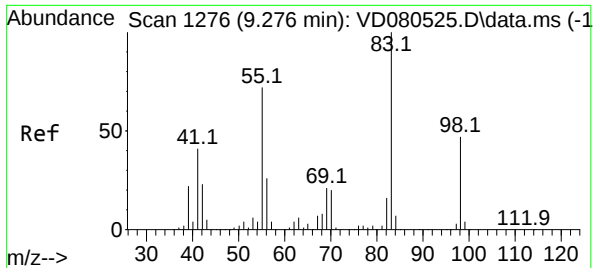
Delta R.T. -0.000 min

Lab File: VD080531.D

Acq: 18 Nov 2025 08:57

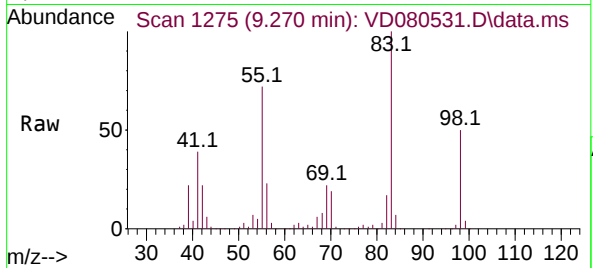
Tgt Ion:	117	Resp:	244822
Ion Ratio	Lower	Upper	
117	100		
119	88.8	78.2	117.4
121	29.7	25.8	38.6





#39
Methylcyclohexane
Concen: 50.663 ug/l
RT: 9.270 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

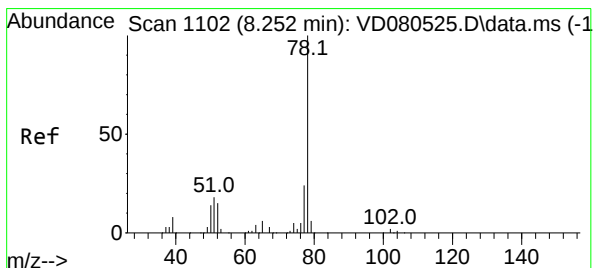
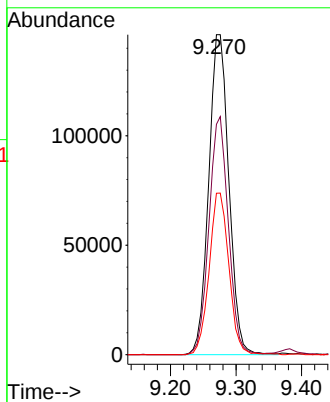
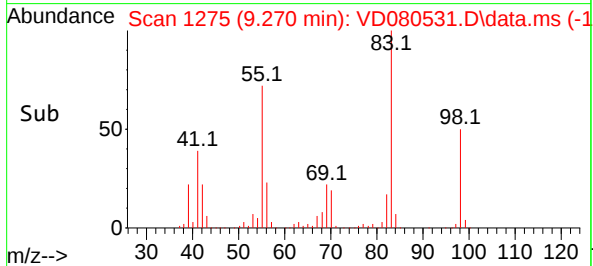
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



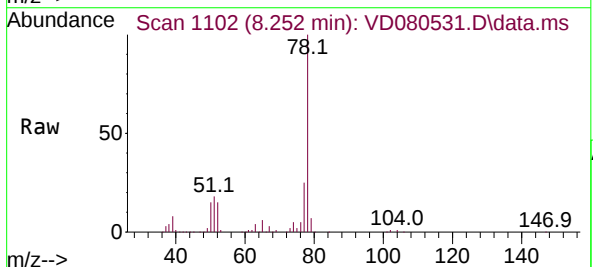
Tgt Ion: 83 Resp: 312523
Ion Ratio Lower Upper
83 100
55 72.0 57.8 86.8
98 50.4 37.8 56.8

Manual Integrations
APPROVED

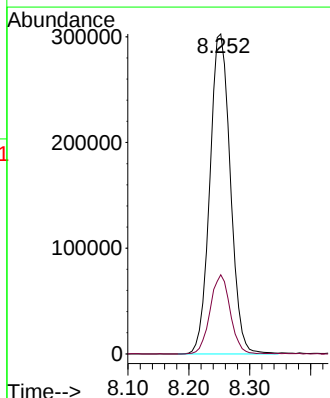
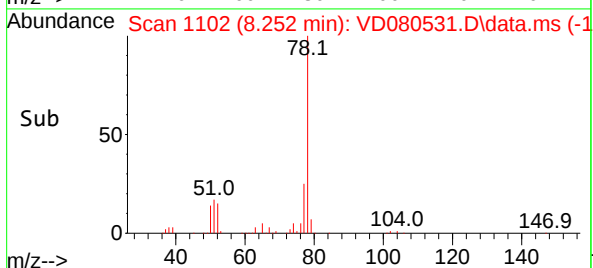
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

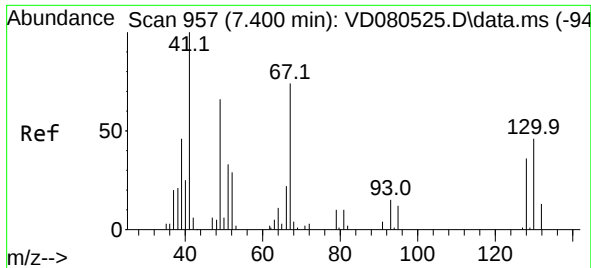


#40
Benzene
Concen: 48.977 ug/l
RT: 8.252 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



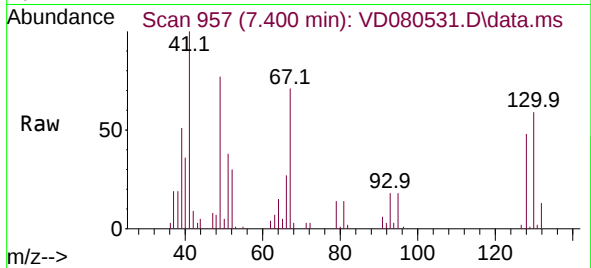
Tgt Ion: 78 Resp: 709029
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9





#41
Methacrylonitrile
Concen: 46.387 ug/l
RT: 7.400 min Scan# 957
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

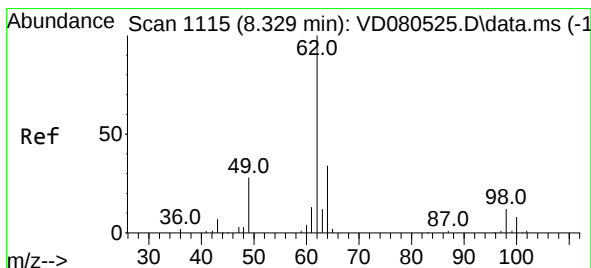
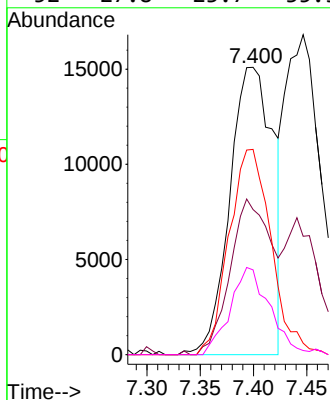
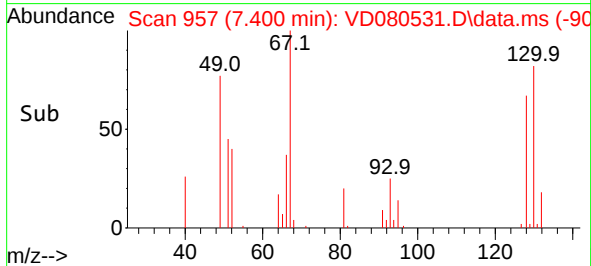
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



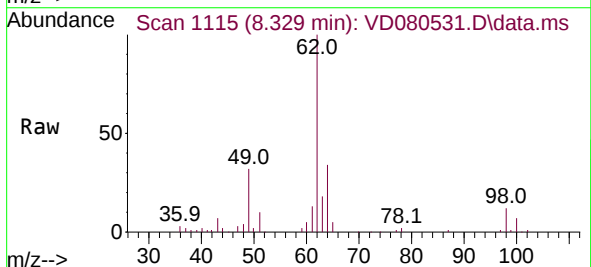
Tgt Ion: 41 Resp: 42853
Ion Ratio Lower Upper
41 100
39 51.3 44.3 66.5
67 69.2 64.0 96.0
52 27.8 23.7 35.5

Manual Integrations
APPROVED

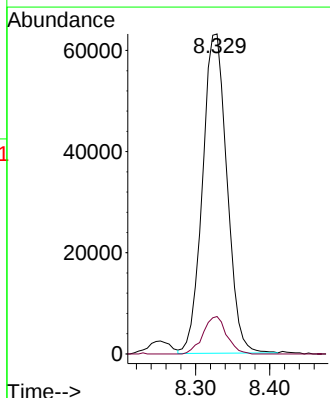
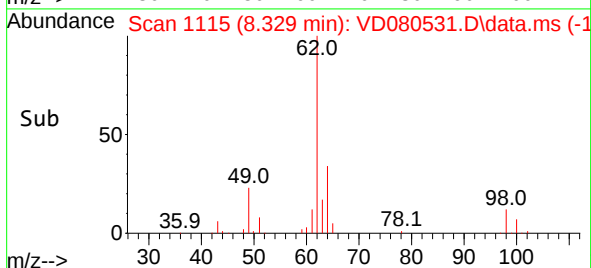
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

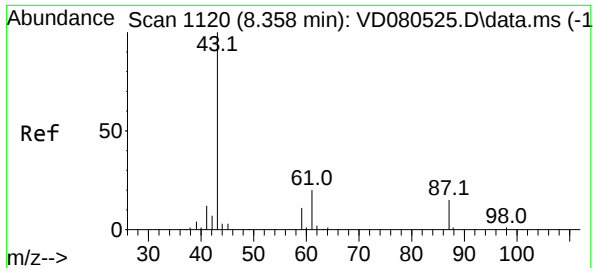


#42
1,2-Dichloroethane
Concen: 47.876 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



Tgt Ion: 62 Resp: 144645
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.8





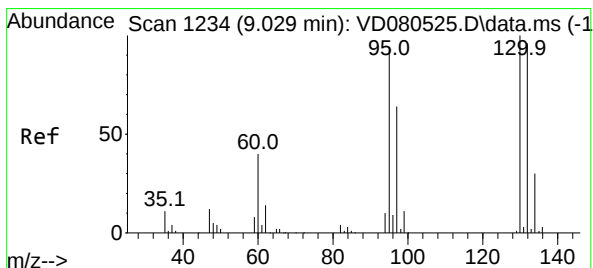
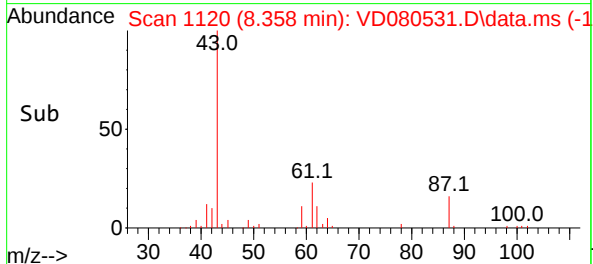
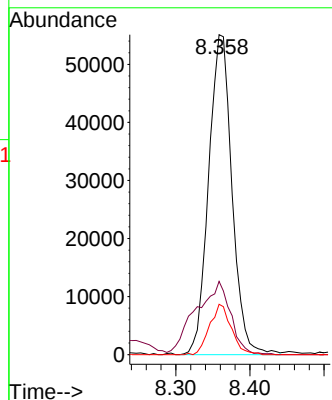
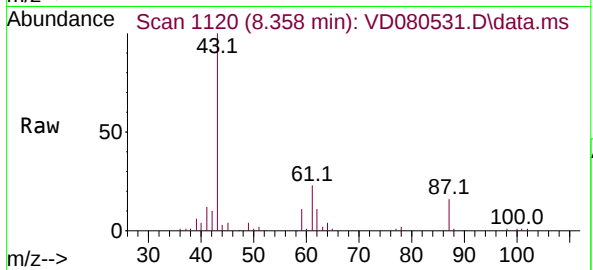
#43
Isopropyl Acetate
Concen: 43.595 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 120929
Ion Ratio Lower Upper
43 100
61 33.9 26.3 39.5
87 14.6 11.1 16.7

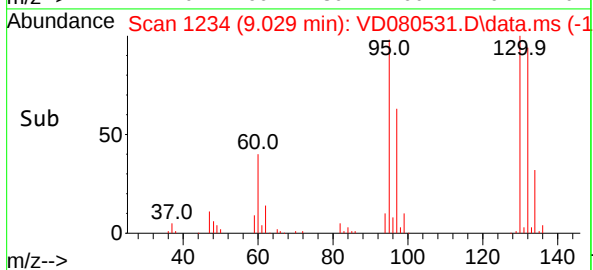
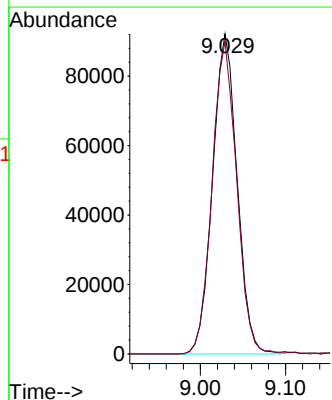
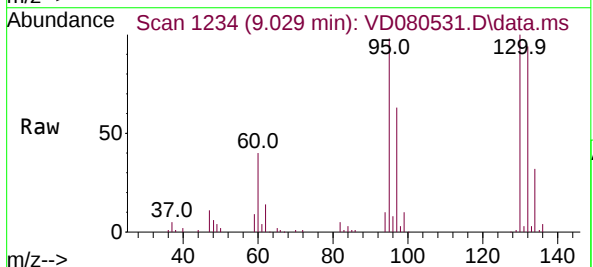
Manual Integrations
APPROVED

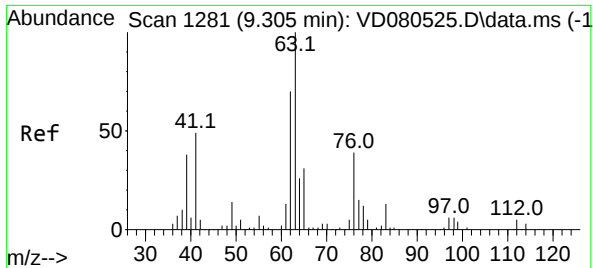
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#44
Trichloroethene
Concen: 50.329 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion:130 Resp: 184187
Ion Ratio Lower Upper
130 100
95 97.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 48.325 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080531.D

Acq: 18 Nov 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 160176

Ion Ratio Lower Upper

63 100

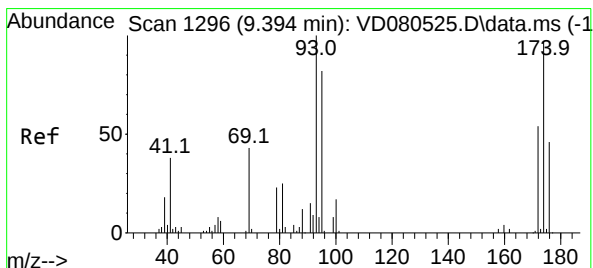
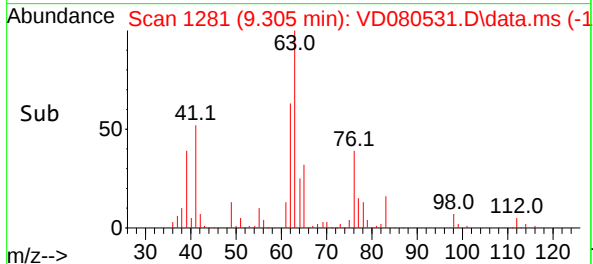
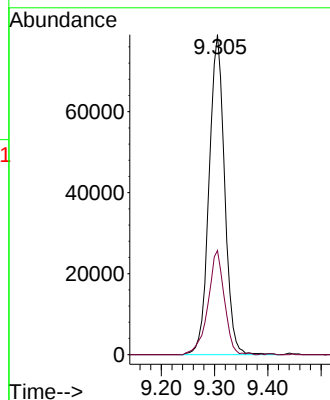
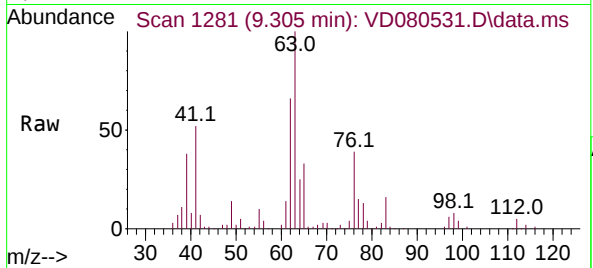
65 32.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#46

Dibromomethane

Concen: 47.285 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080531.D

Acq: 18 Nov 2025 08:57

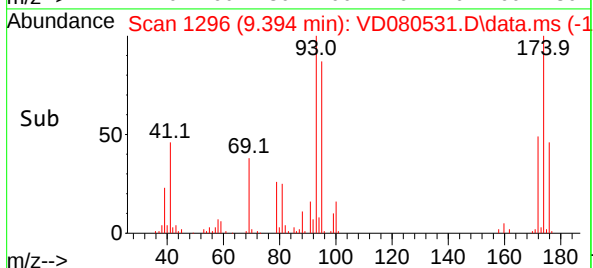
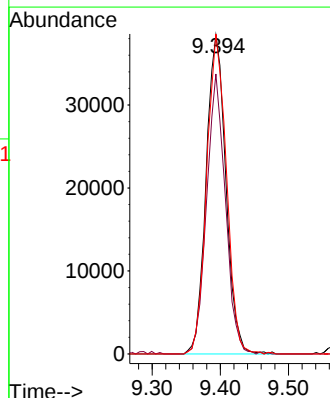
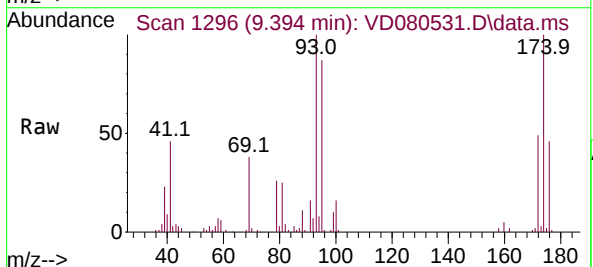
Tgt Ion: 93 Resp: 77306

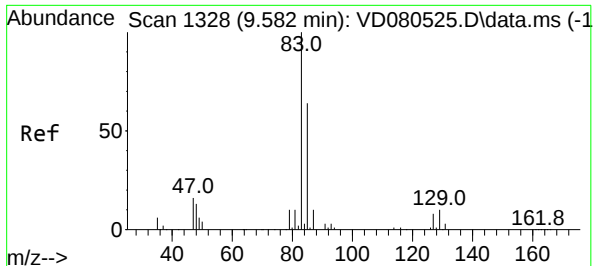
Ion Ratio Lower Upper

93 100

95 83.2 68.2 102.2

174 99.6 79.5 119.3





#47

Bromodichloromethane

Concen: 48.884 ug/l

RT: 9.582 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD080531.D

Acq: 18 Nov 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 215833

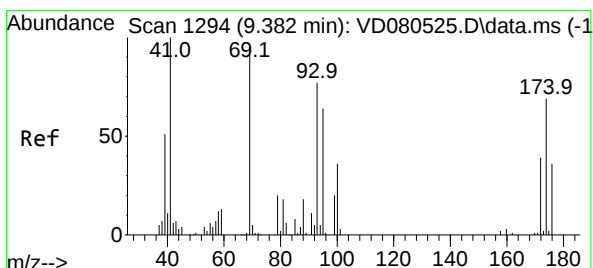
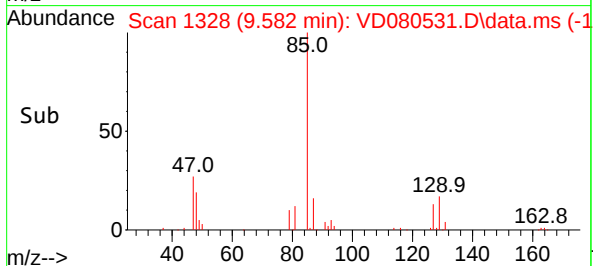
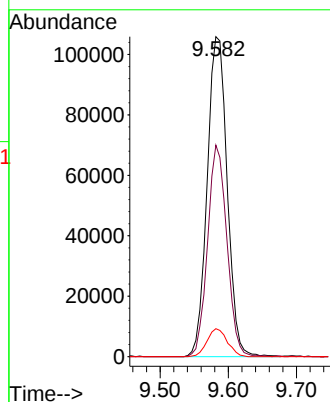
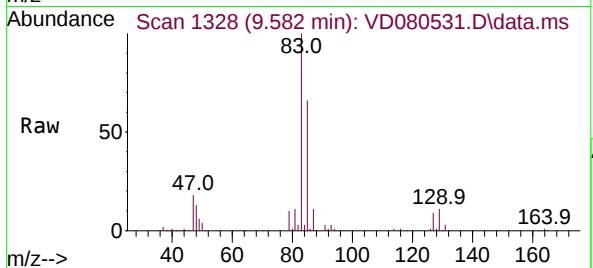
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.0	76.6
127	8.7	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#48

Methyl methacrylate

Concen: 44.435 ug/l

RT: 9.382 min Scan# 1294

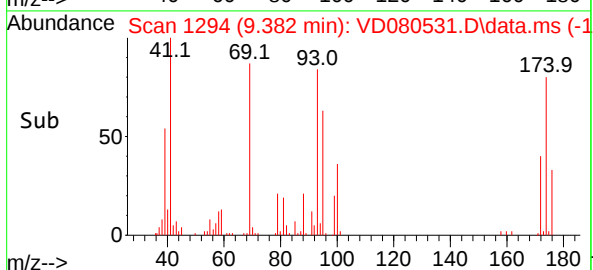
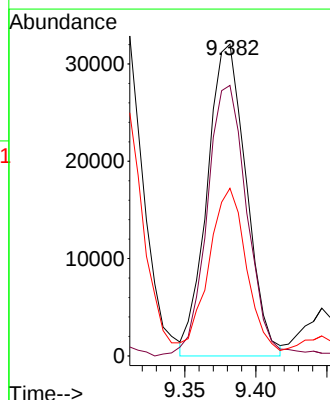
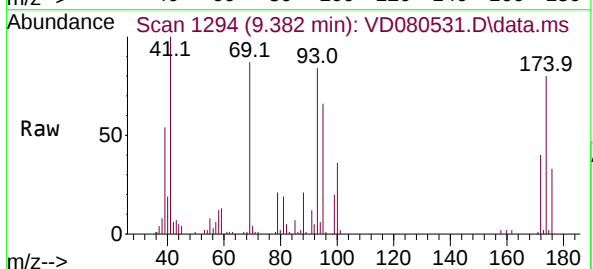
Delta R.T. -0.000 min

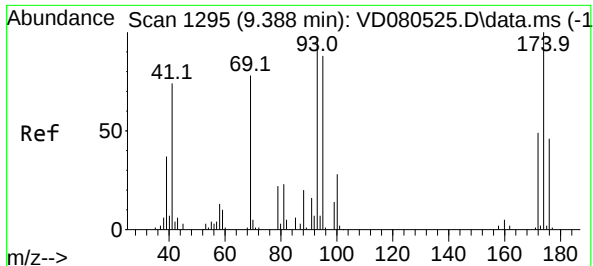
Lab File: VD080531.D

Acq: 18 Nov 2025 08:57

Tgt Ion: 41 Resp: 61187

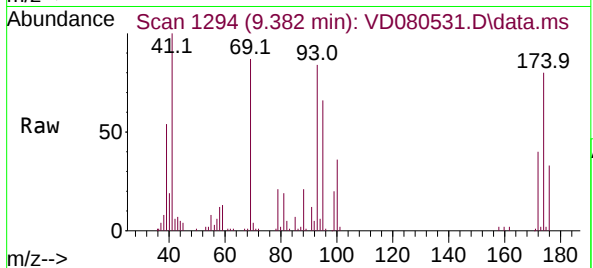
Ion	Ratio	Lower	Upper
41	100		
69	89.2	74.5	111.7
39	52.8	40.6	61.0





#49
1,4-Dioxane
Concen: 907.214 ug/l
RT: 9.382 min Scan# 1295
Delta R.T. -0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

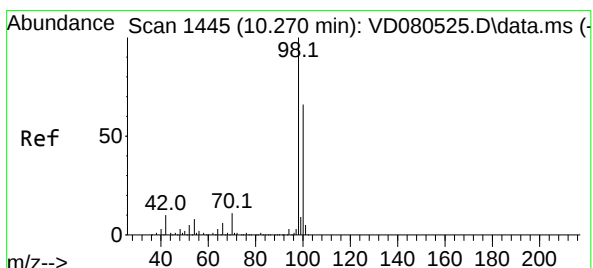
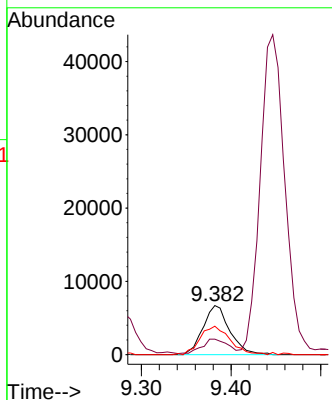
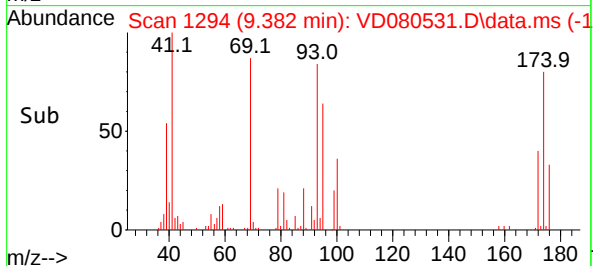
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 13826
Ion Ratio Lower Upper
88 100
43 27.4 28.0 42.0
58 64.4 52.7 79.1

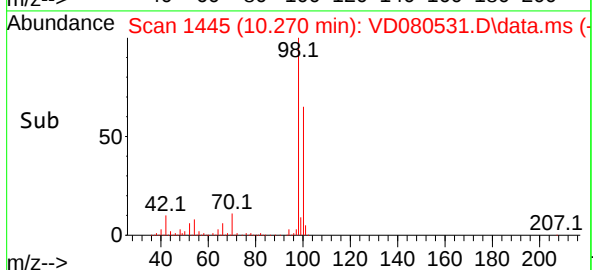
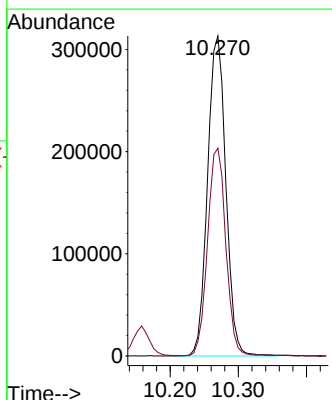
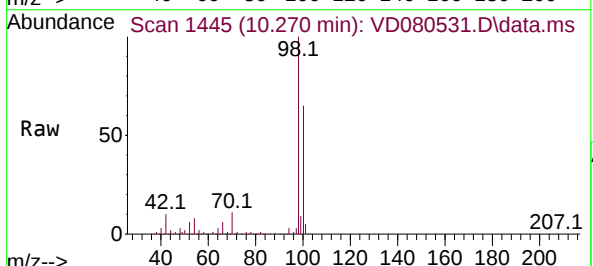
Manual Integrations
APPROVED

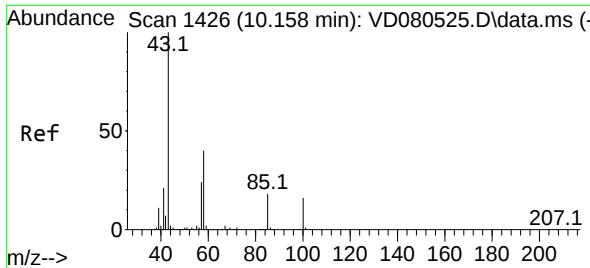
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#50
Toluene-d8
Concen: 47.628 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

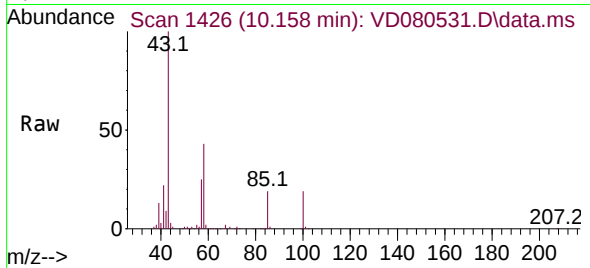
Tgt Ion: 98 Resp: 582721
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 213.379 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

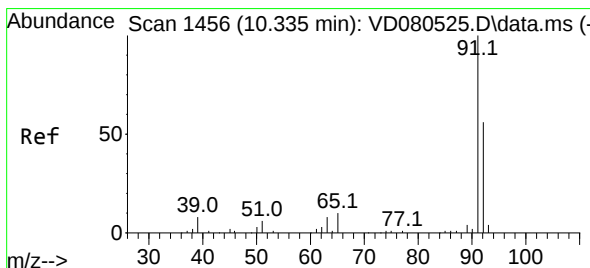
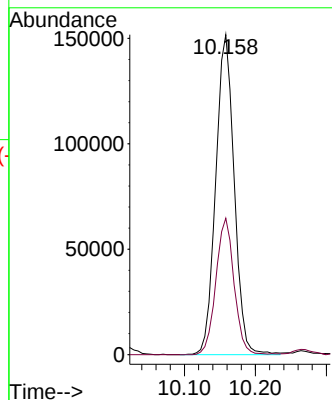
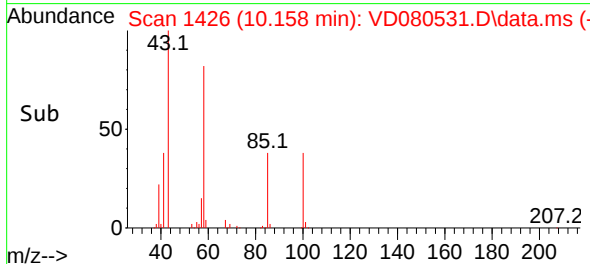
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



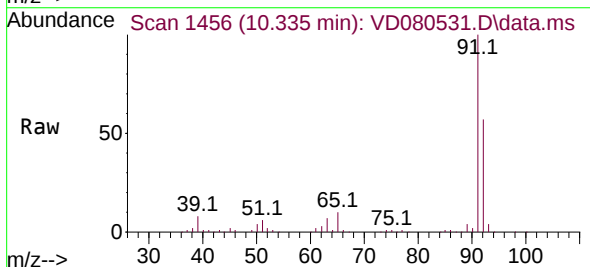
Tgt Ion: 43 Resp: 274632
Ion Ratio Lower Upper
43 100
58 41.8 32.8 49.2

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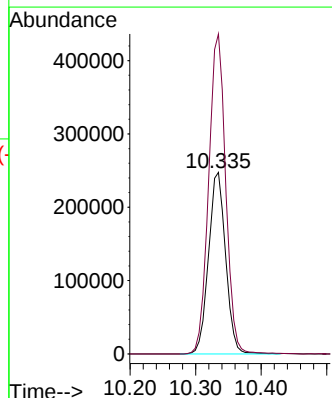
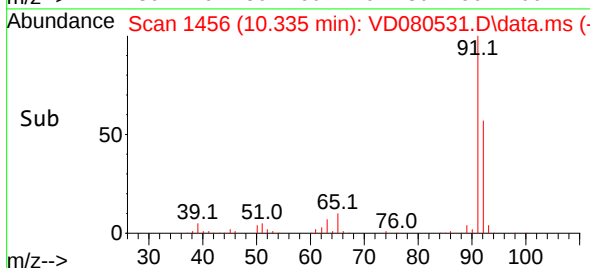
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

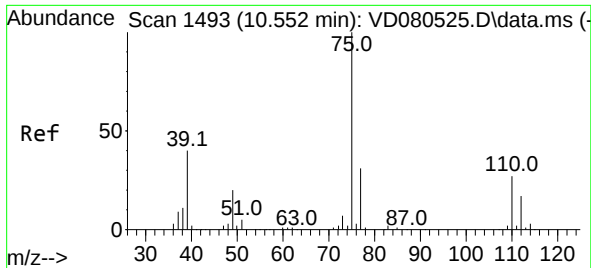


#52
Toluene
Concen: 48.840 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



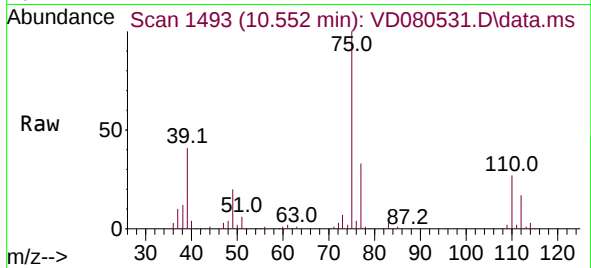
Tgt Ion: 92 Resp: 447142
Ion Ratio Lower Upper
92 100
91 176.1 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 46.346 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

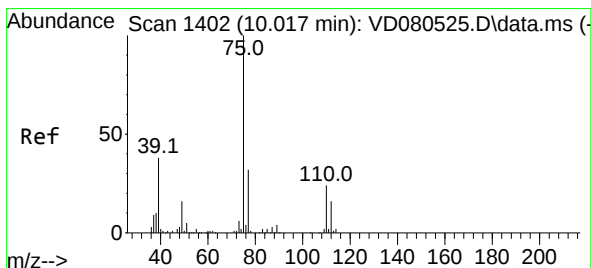
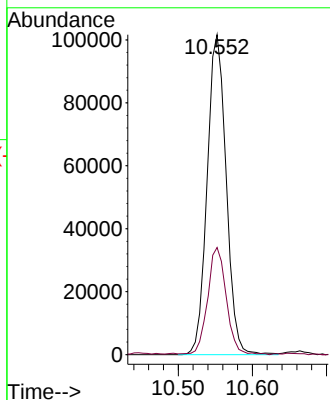
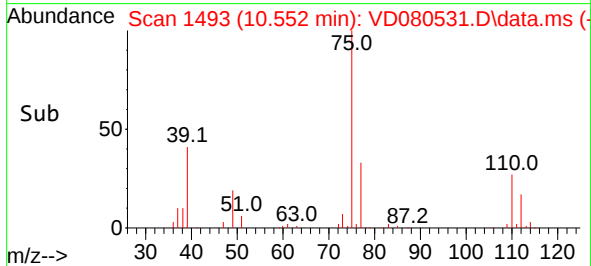
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



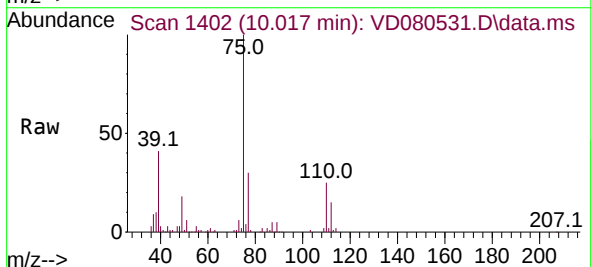
Tgt Ion: 75 Resp: 181328
Ion Ratio Lower Upper
75 100
77 33.2 24.7 37.1

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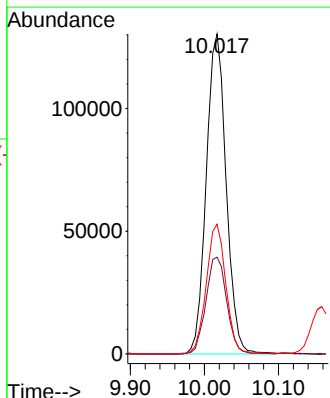
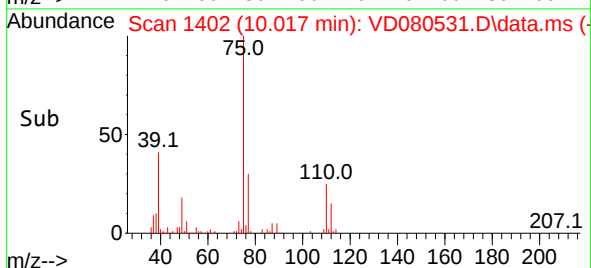
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

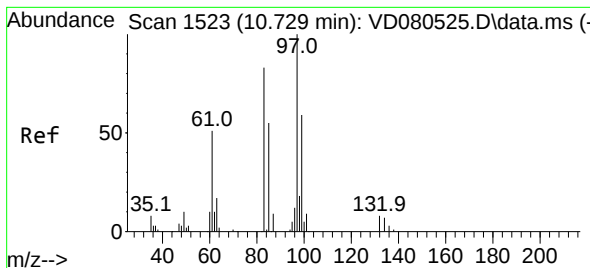


#54
cis-1,3-Dichloropropene
Concen: 48.147 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



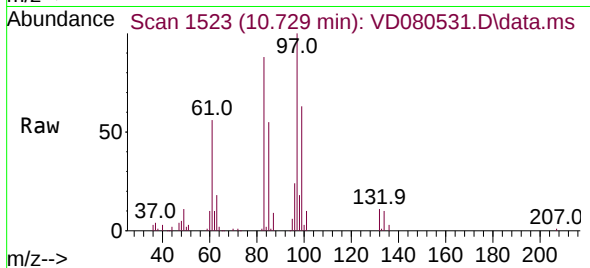
Tgt Ion: 75 Resp: 242951
Ion Ratio Lower Upper
75 100
77 30.2 25.8 38.6
39 40.5 30.7 46.1





#55
1,1,2-Trichloroethane
Concen: 46.326 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

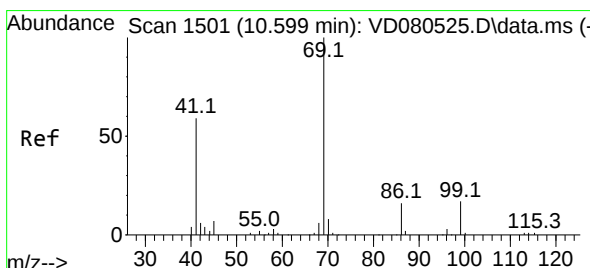
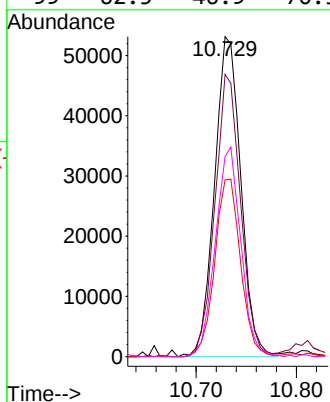
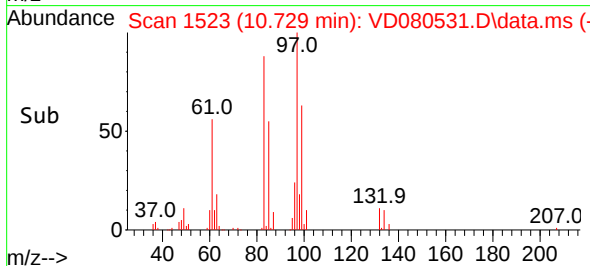
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	9689
Ion Ratio	100	Lower	Upper
97	100		
83	88.2	66.3	99.5
85	55.2	43.8	65.8
99	62.5	46.9	70.3

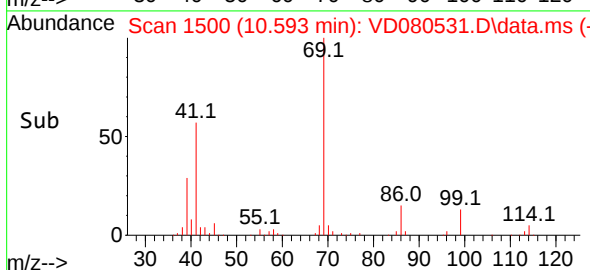
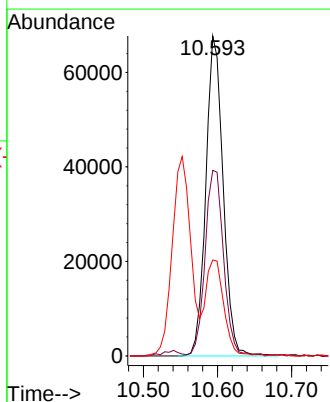
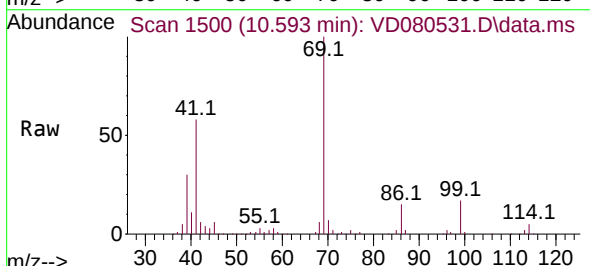
Manual Integrations
APPROVED

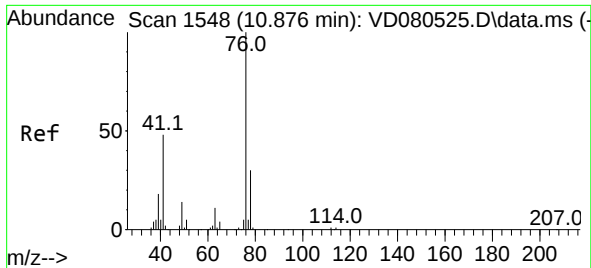
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#56
Ethyl methacrylate
Concen: 45.457 ug/l
RT: 10.593 min Scan# 1500
Delta R.T. -0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

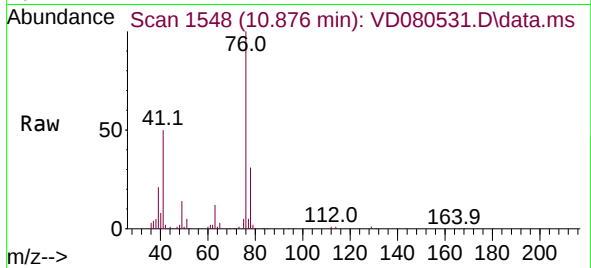
Tgt Ion:	69	Resp:	109702
Ion Ratio	100	Lower	Upper
69	100		
41	61.2	49.6	74.4
39	30.7	23.5	35.3





#57
1,3-Dichloropropane
Concen: 45.990 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

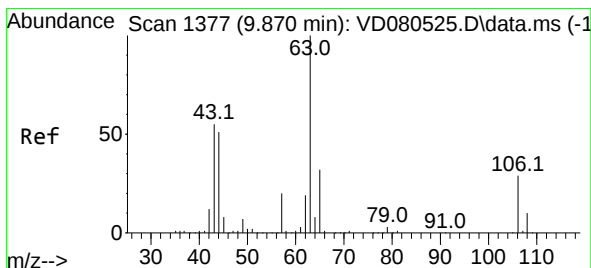
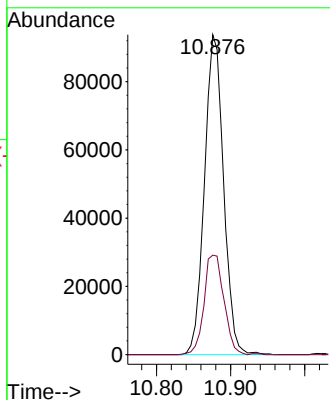
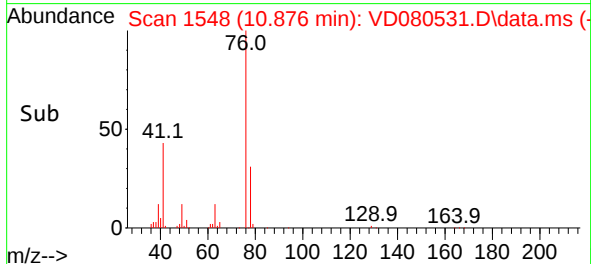
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 16773
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

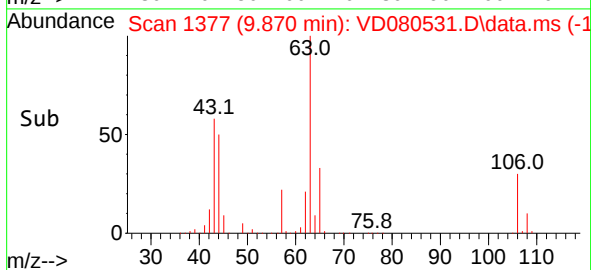
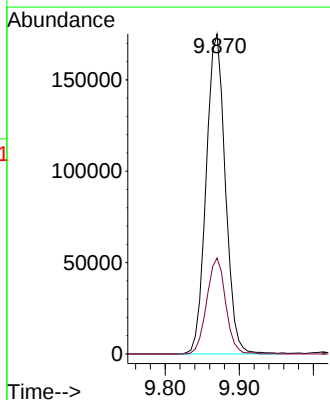
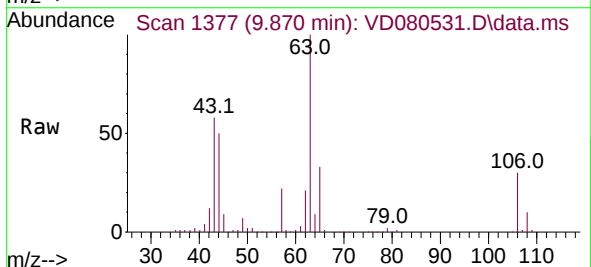
Manual Integrations
APPROVED

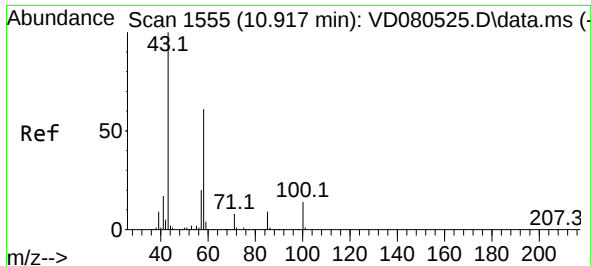
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 231.857 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

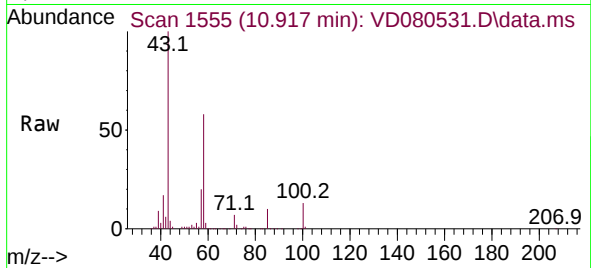
Tgt Ion: 63 Resp: 313950
Ion Ratio Lower Upper
63 100
106 29.5 22.6 33.8





#59
2-Hexanone
Concen: 215.674 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

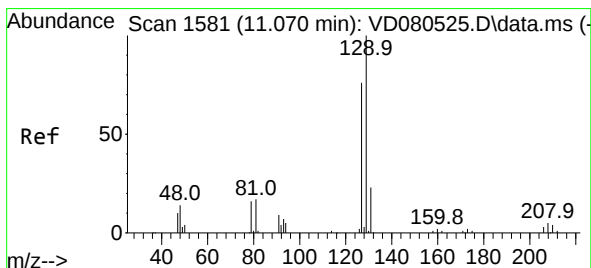
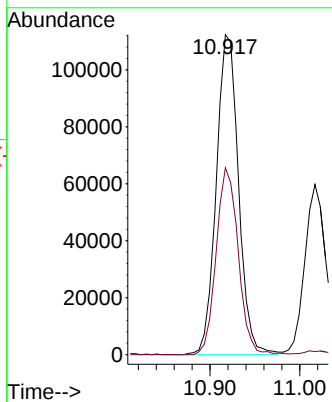
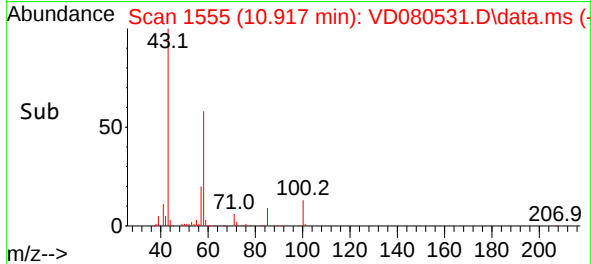
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 194056
Ion Ratio Lower Upper
43 100
58 57.8 29.6 88.9

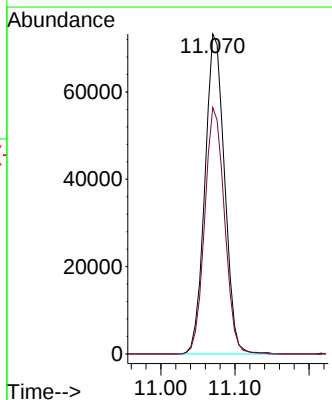
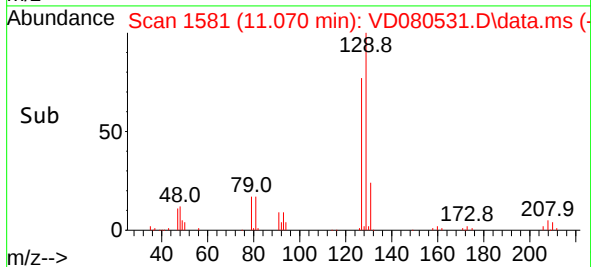
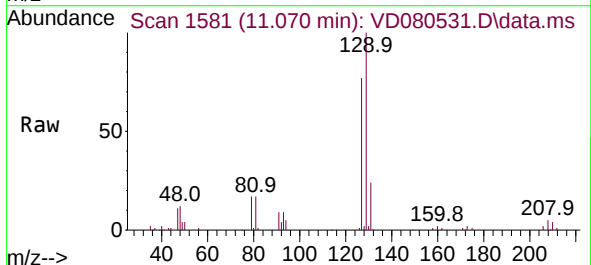
Manual Integrations
APPROVED

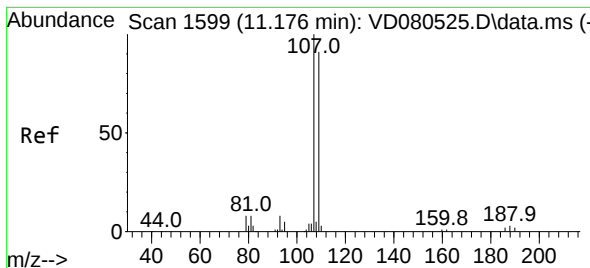
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#60
Dibromochloromethane
Concen: 48.326 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion:129 Resp: 134307
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9





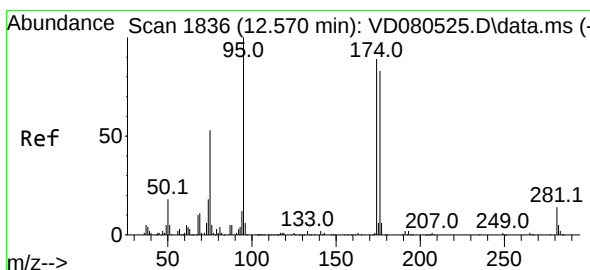
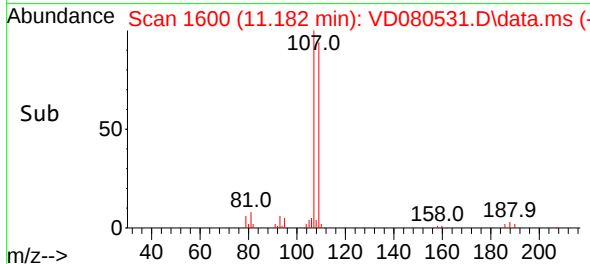
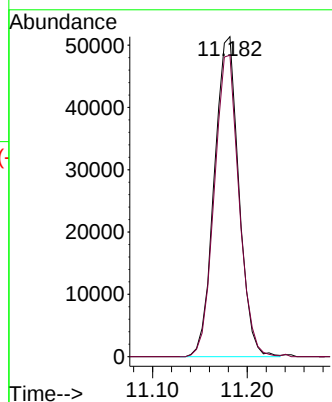
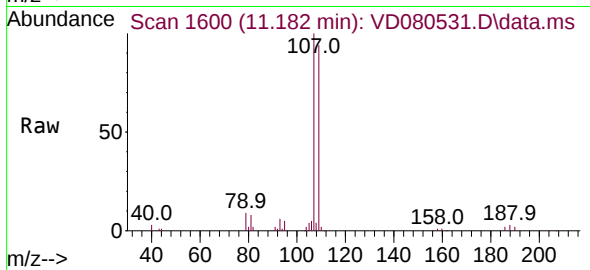
#61
1,2-Dibromoethane
Concen: 45.877 ug/l
RT: 11.182 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 92292
Ion Ratio Lower Upper
107 100
109 95.0 74.2 111.4

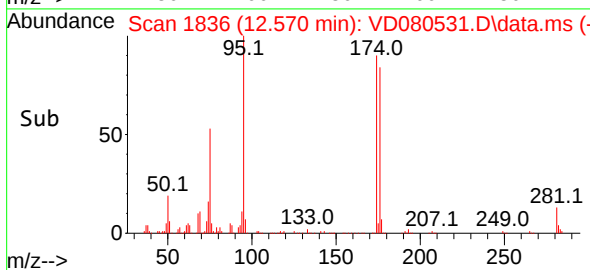
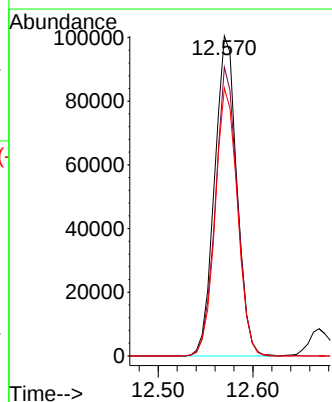
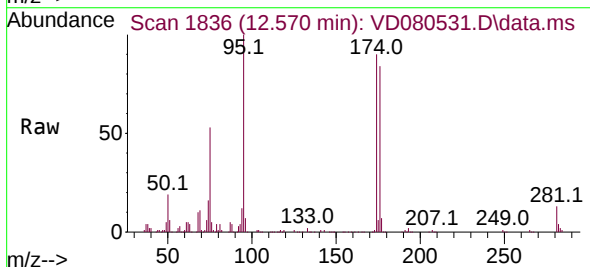
Manual Integrations
APPROVED

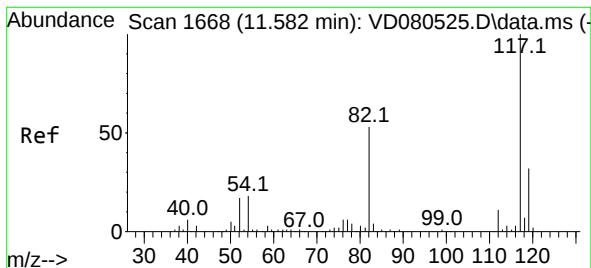
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#62
4-Bromofluorobenzene
Concen: 46.663 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

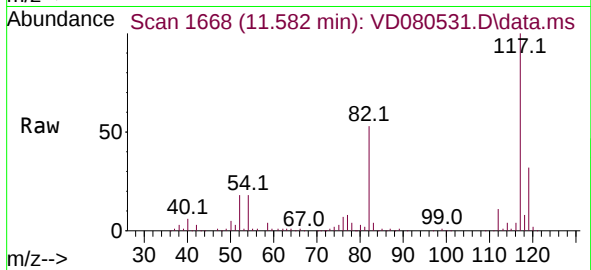
Tgt Ion: 95 Resp: 164132
Ion Ratio Lower Upper
95 100
174 88.6 0.0 179.4
176 83.7 0.0 168.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

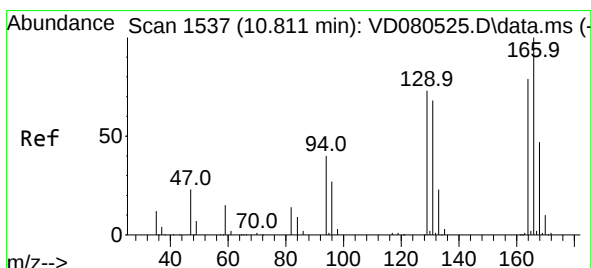
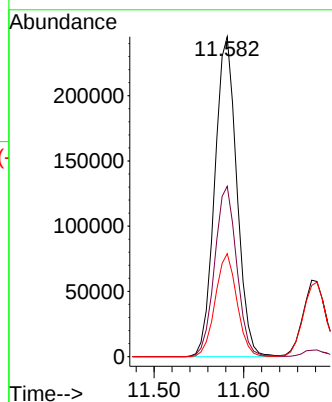
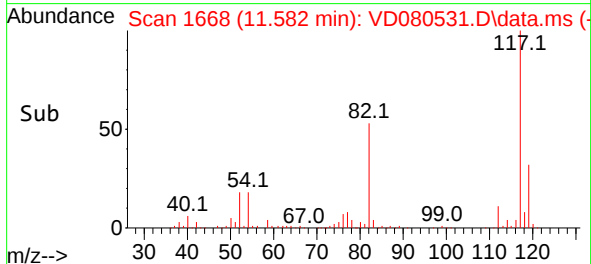
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



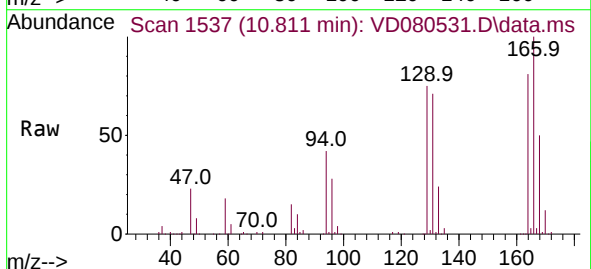
Tgt Ion:117 Resp: 420002
Ion Ratio Lower Upper
117 100
82 53.2 42.1 63.1
119 32.2 25.4 38.2

Manual Integrations
APPROVED

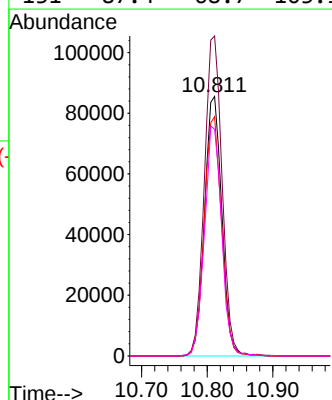
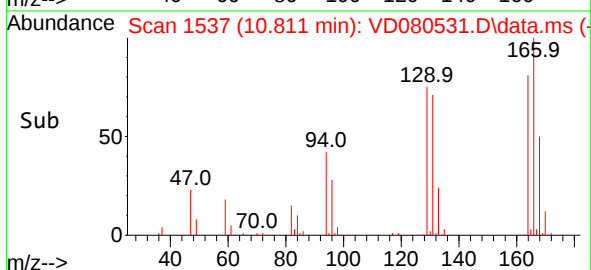
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

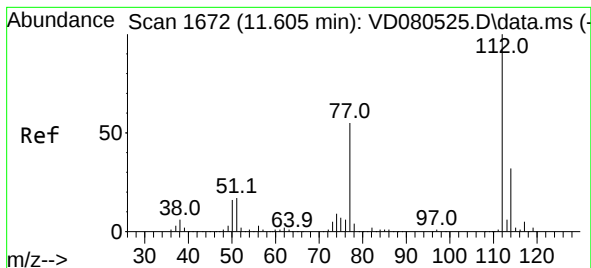


#64
Tetrachloroethene
Concen: 51.744 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



Tgt Ion:164 Resp: 156326
Ion Ratio Lower Upper
164 100
166 123.3 101.2 151.8
129 92.2 74.0 111.0
131 87.4 68.7 103.1





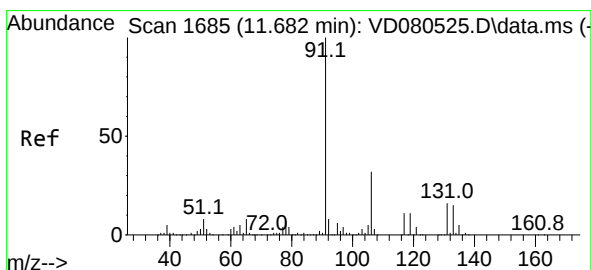
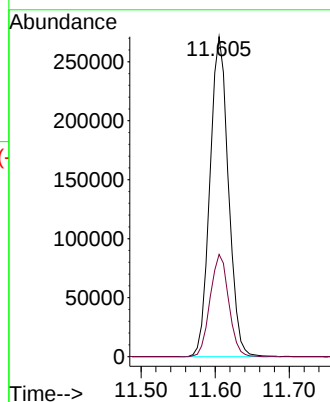
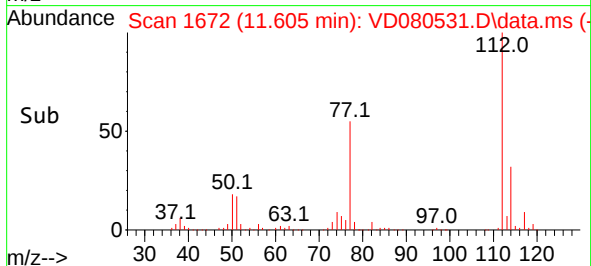
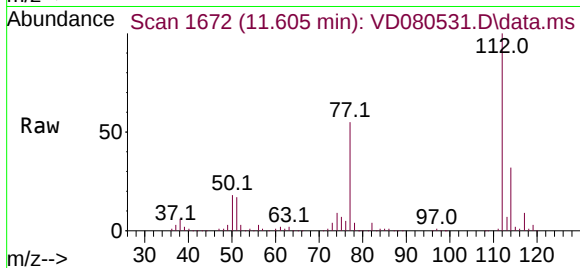
#65
Chlorobenzene
Concen: 50.264 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 470100
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

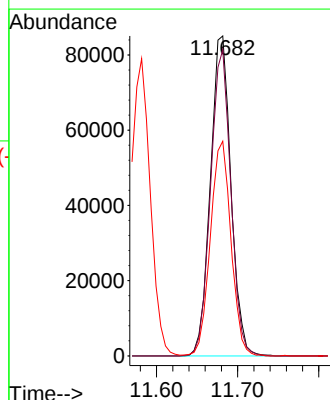
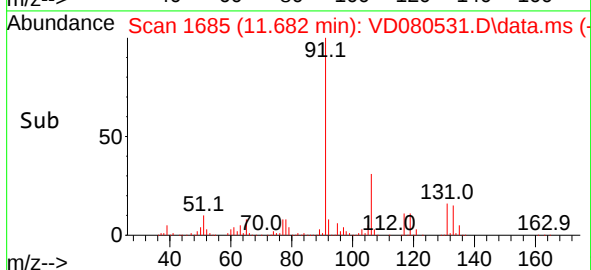
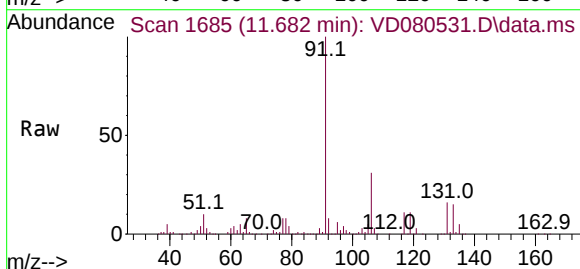
Manual Integrations
APPROVED

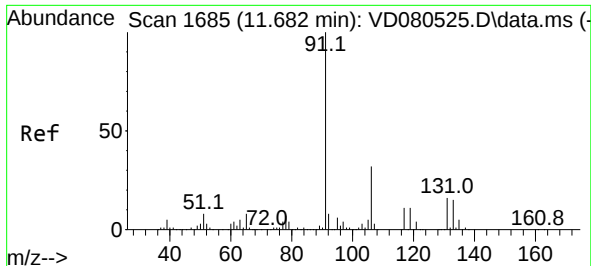
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.227 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion:131 Resp: 149840
Ion Ratio Lower Upper
131 100
133 94.2 47.3 141.8
119 67.3 34.4 103.2





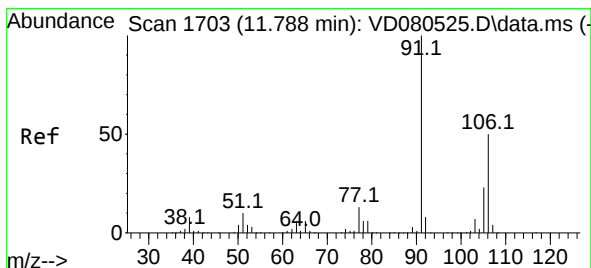
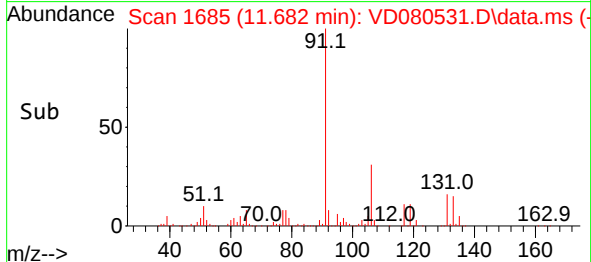
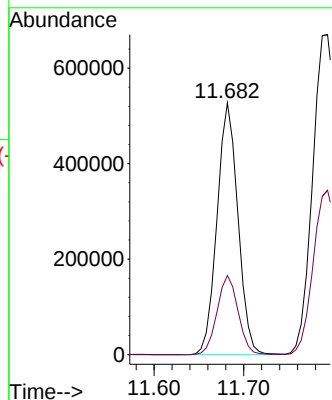
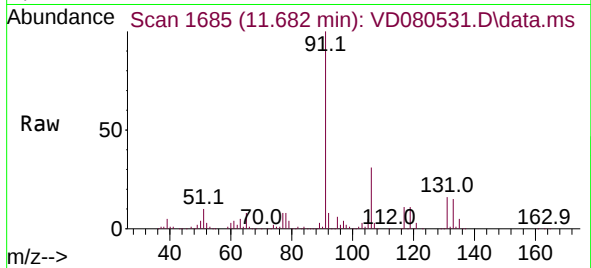
#67
Ethyl Benzene
Concen: 50.492 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 855945
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0

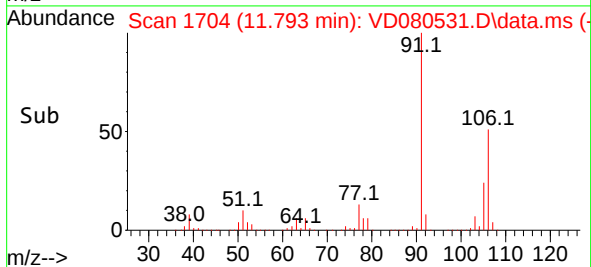
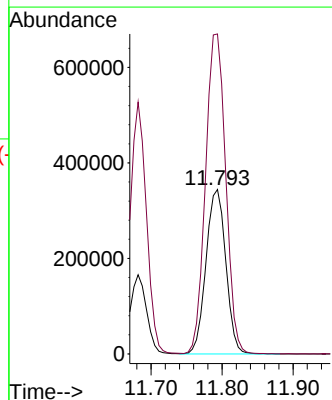
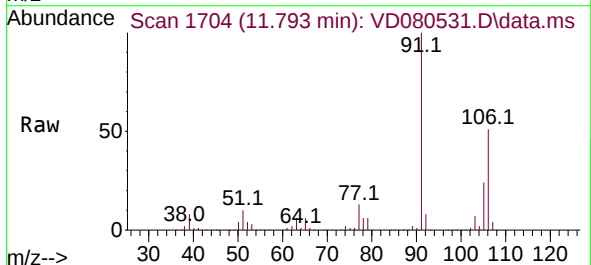
Manual Integrations
APPROVED

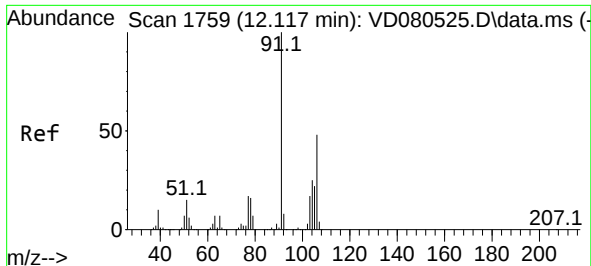
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#68
m/p-Xylenes
Concen: 102.599 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion:106 Resp: 665170
Ion Ratio Lower Upper
106 100
91 198.2 158.7 238.1





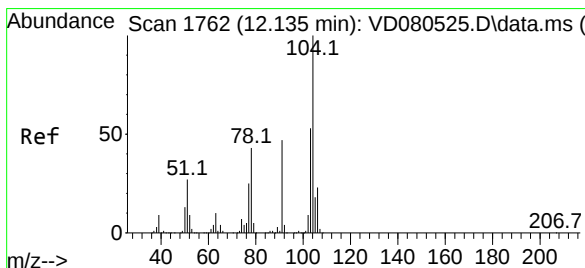
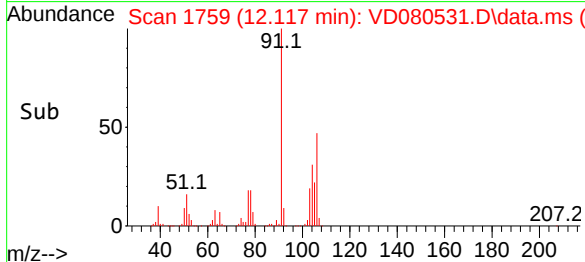
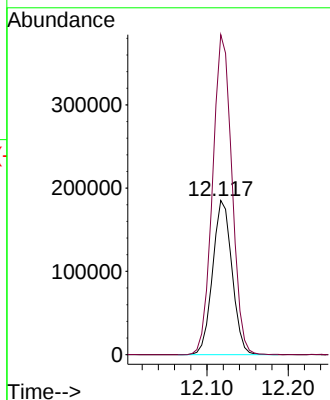
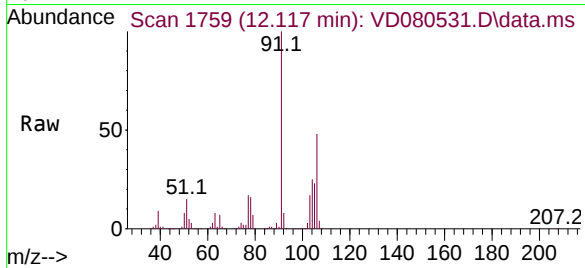
#69
o-Xylene
Concen: 51.165 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 306683
Ion Ratio Lower Upper
106 100
91 207.2 105.8 317.3

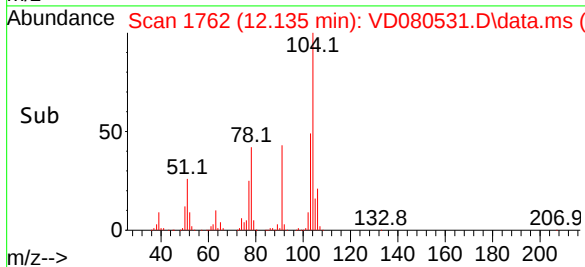
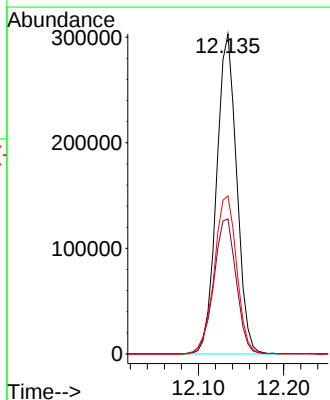
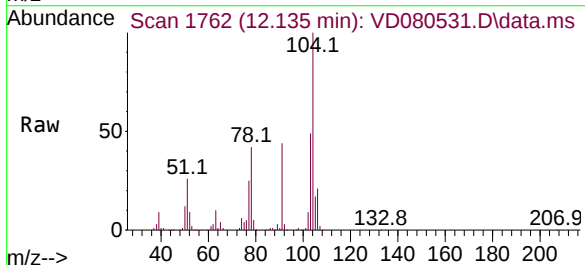
Manual Integrations
APPROVED

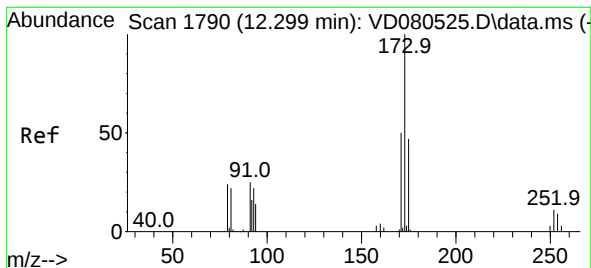
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#70
Styrene
Concen: 50.254 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion:104 Resp: 497161
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.8
103 55.0 43.8 65.8





#71

Bromoform

Concen: 49.506 ug/l

RT: 12.293 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD080531.D

Acq: 18 Nov 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 67646

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.2

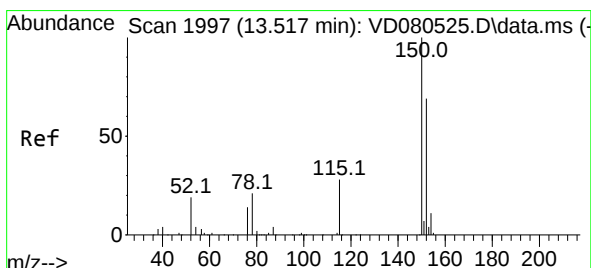
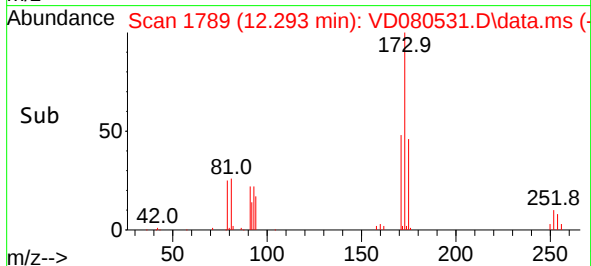
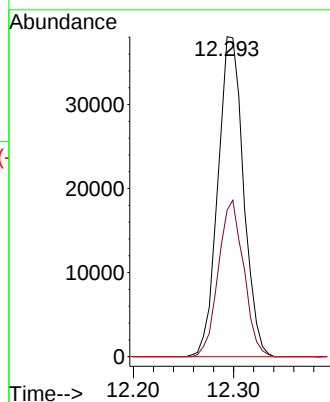
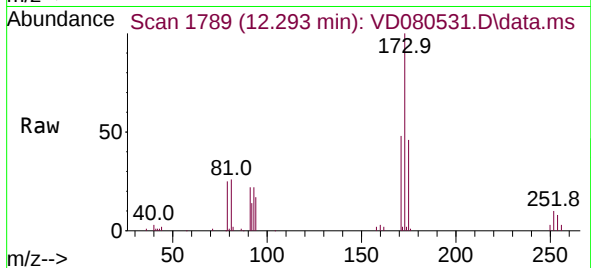
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VD080531.D

Acq: 18 Nov 2025 08:57

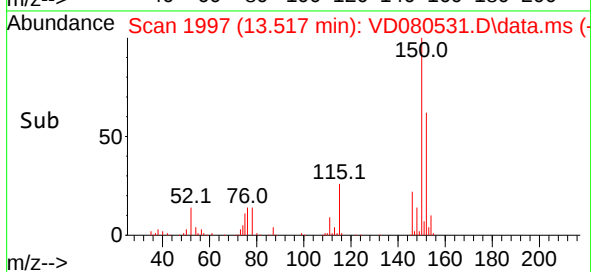
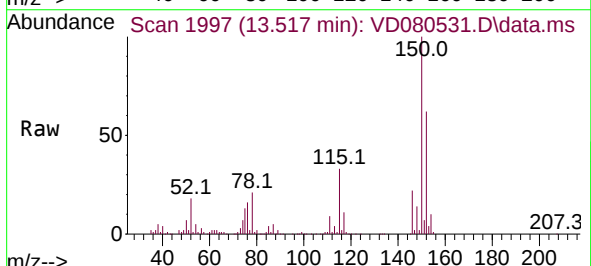
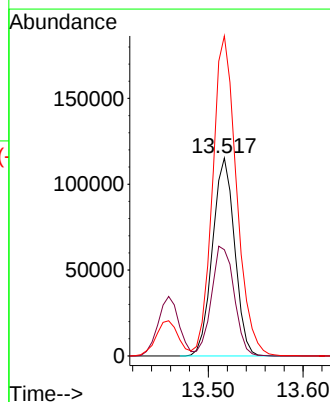
Tgt Ion:152 Resp: 186899

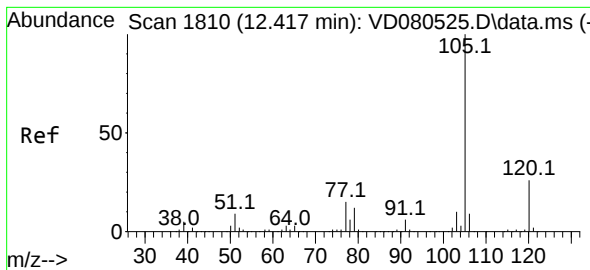
Ion Ratio Lower Upper

152 100

115 57.1 28.1 84.3

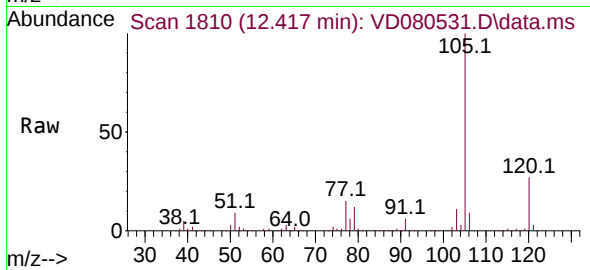
150 175.5 0.0 345.6





#73
Isopropylbenzene
Concen: 51.363 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

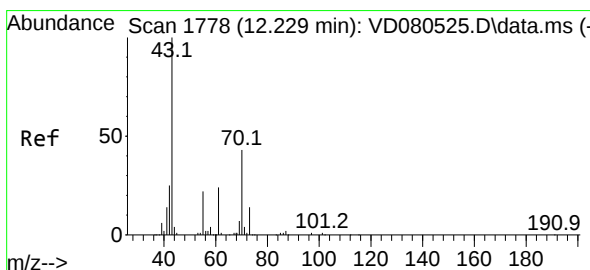
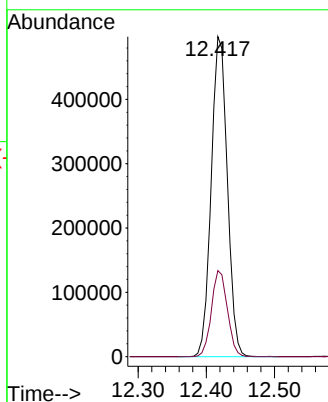
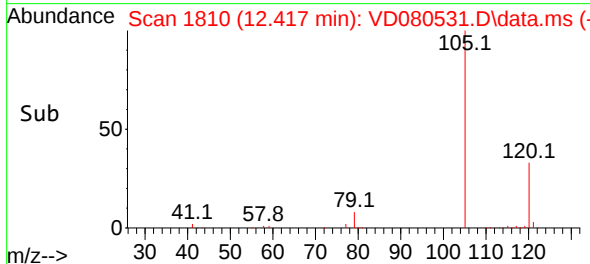
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



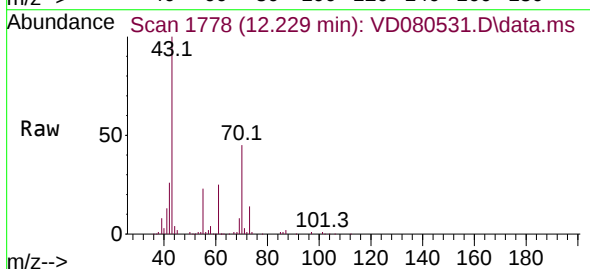
Tgt Ion:105 Resp: 814875
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

Manual Integrations
APPROVED

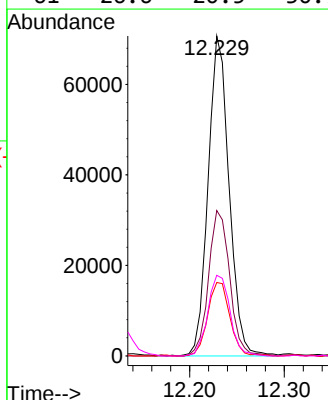
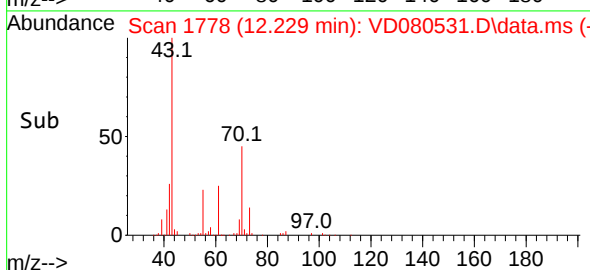
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

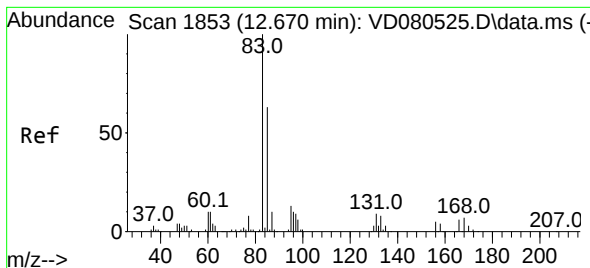


#74
N-ethyl acetate
Concen: 44.249 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



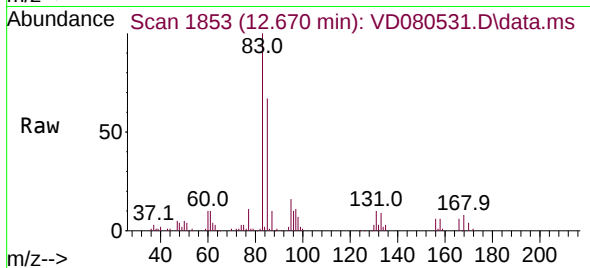
Tgt Ion: 43 Resp: 108818
Ion Ratio Lower Upper
43 100
70 45.8 35.2 52.8
55 24.3 18.4 27.6
61 26.6 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.465 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

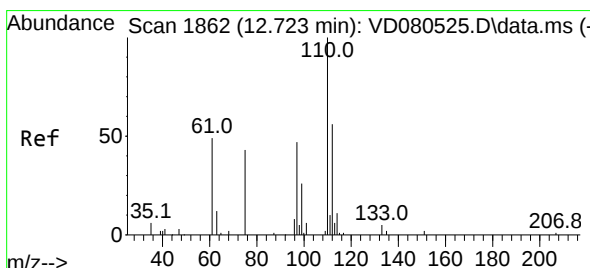
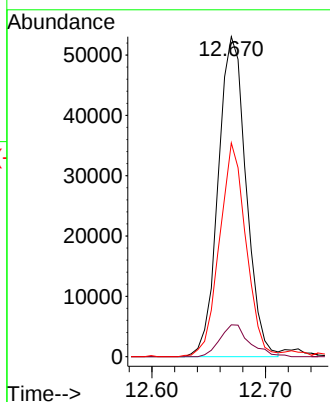
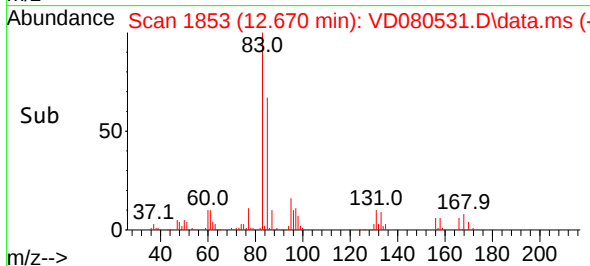
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 90464
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.6
85 63.6 31.8 95.3

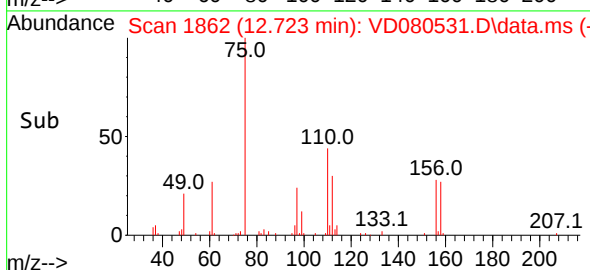
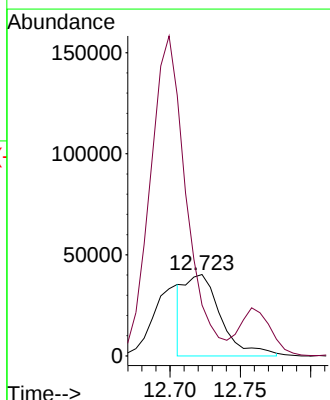
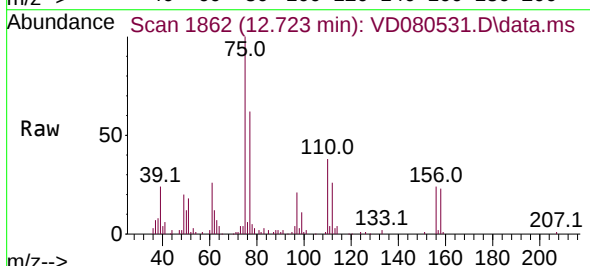
Manual Integrations
APPROVED

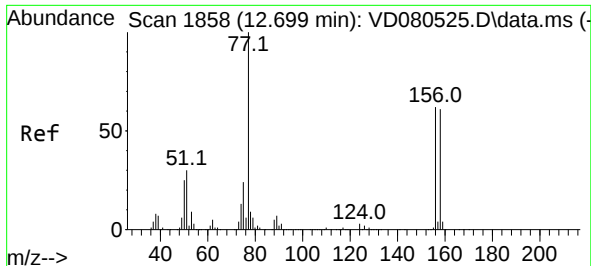
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#76
1,2,3-Trichloropropane
Concen: 49.457 ug/l m
RT: 12.723 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

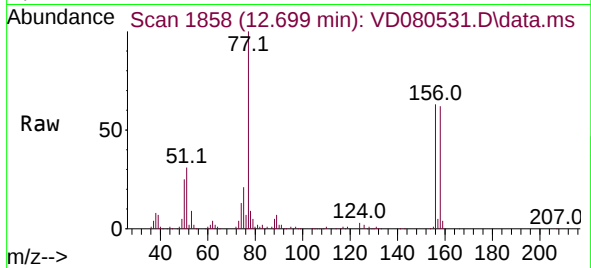
Tgt Ion: 75 Resp: 71997
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.443 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

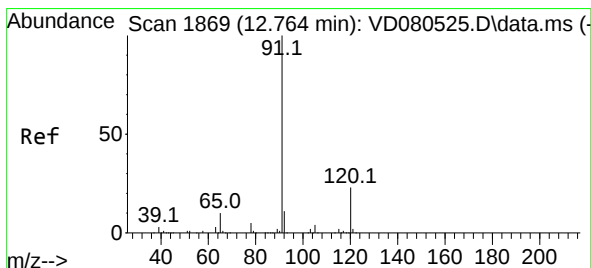
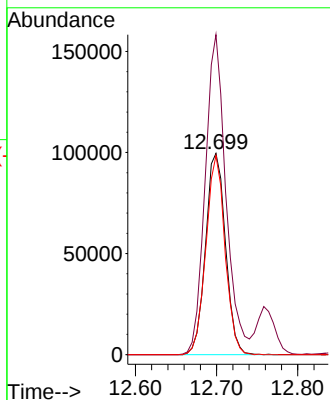
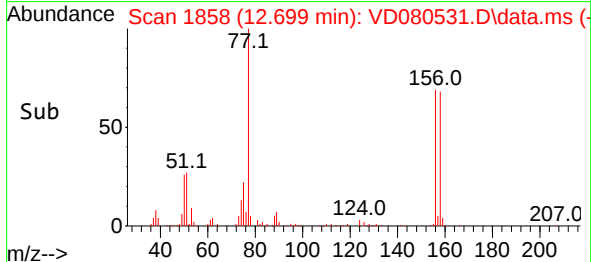
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 169869
Ion Ratio Lower Upper
156 100
77 166.2 85.3 255.9
158 94.8 48.4 145.0

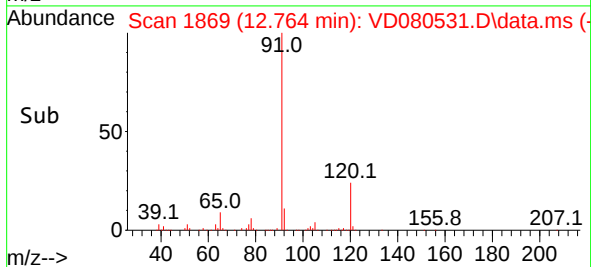
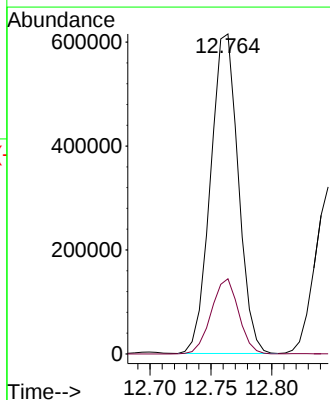
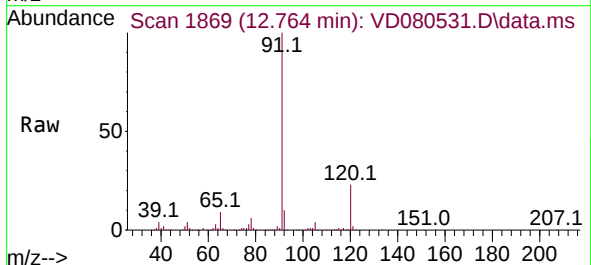
Manual Integrations
APPROVED

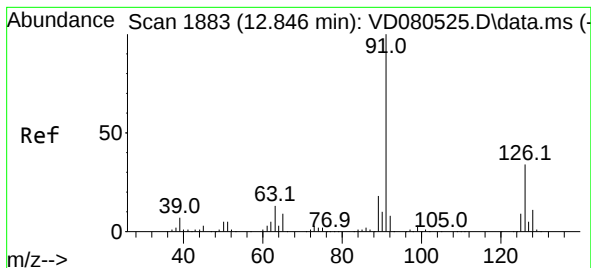
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#78
n-propylbenzene
Concen: 51.420 ug/l
RT: 12.764 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion: 91 Resp: 978664
Ion Ratio Lower Upper
91 100
120 23.1 11.4 34.2





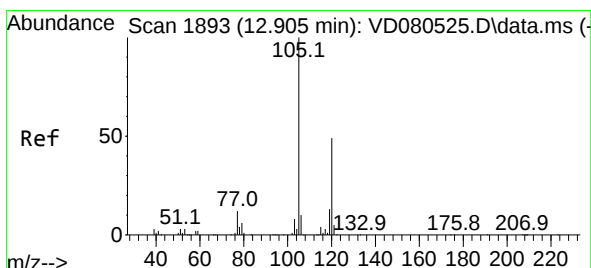
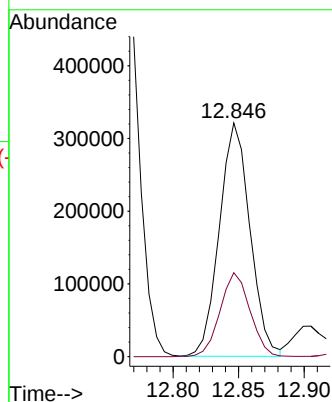
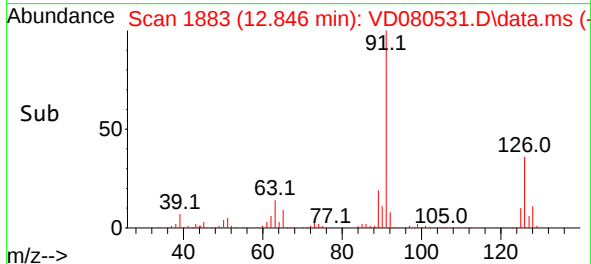
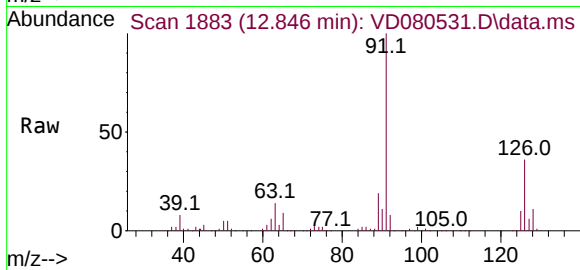
#79
2-Chlorotoluene
Concen: 49.962 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 523124
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.2

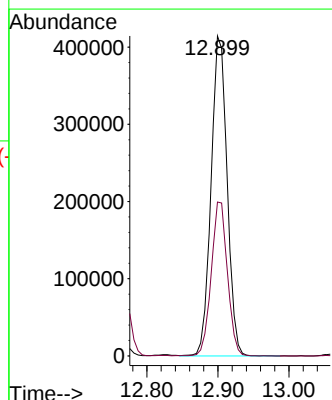
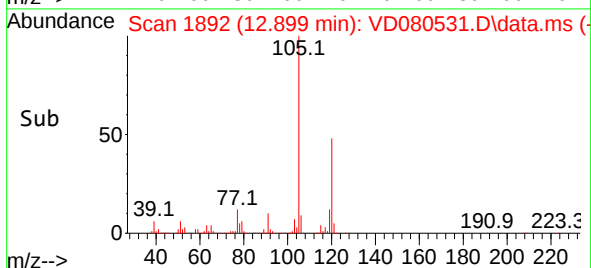
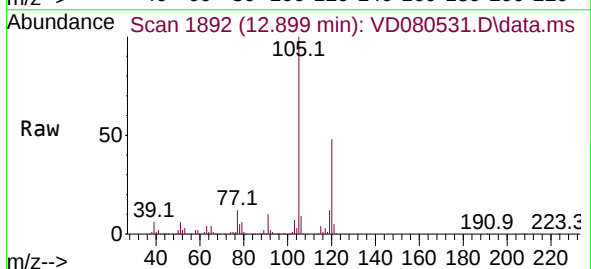
Manual Integrations
APPROVED

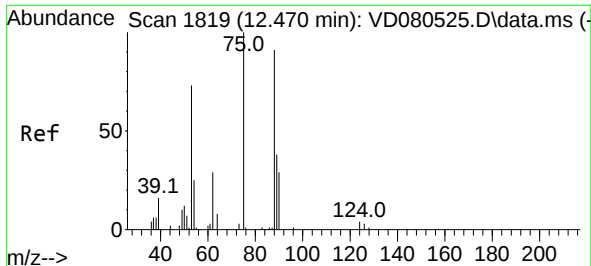
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.839 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion:105 Resp: 650143
Ion Ratio Lower Upper
105 100
120 48.5 24.6 74.0





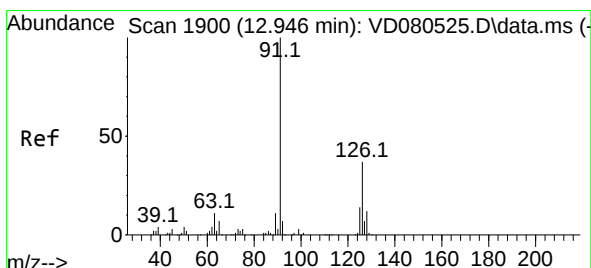
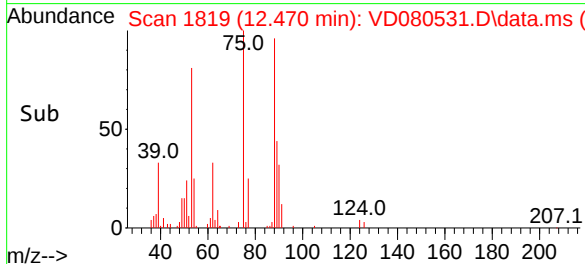
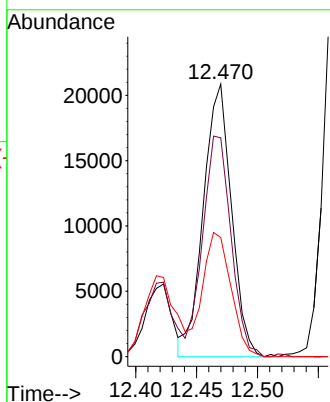
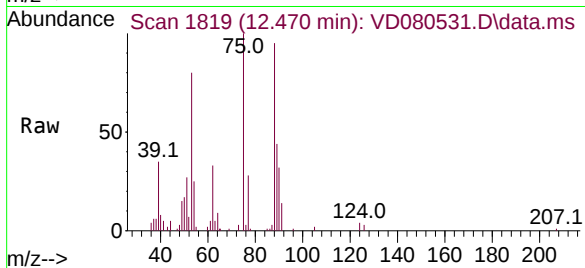
#81
trans-1,4-Dichloro-2-butene
Concen: 43.965 ug/l
RT: 12.470 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 33514
Ion Ratio Lower Upper
75 100
53 81.5 62.8 94.2
89 46.6 36.6 54.8

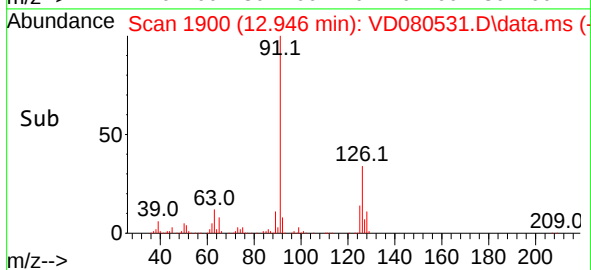
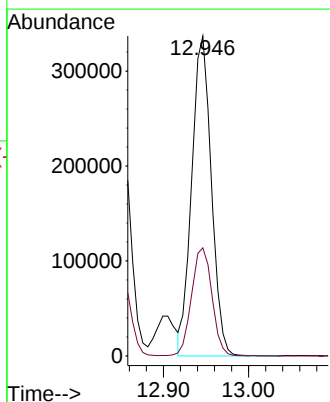
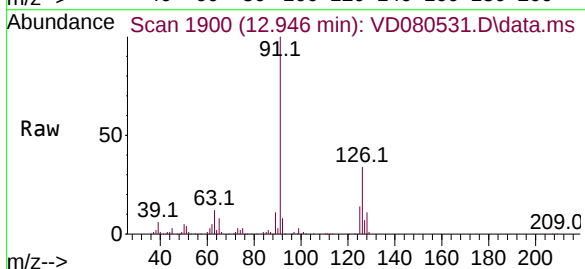
Manual Integrations
APPROVED

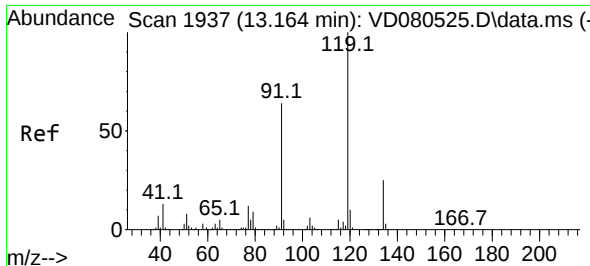
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#82
4-Chlorotoluene
Concen: 50.566 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion: 91 Resp: 538265
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.2





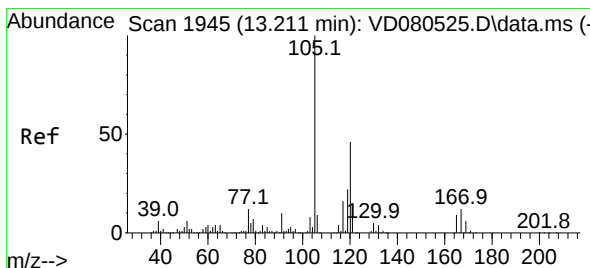
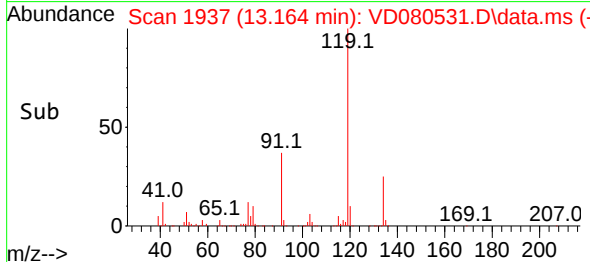
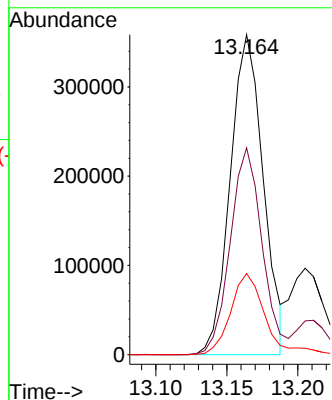
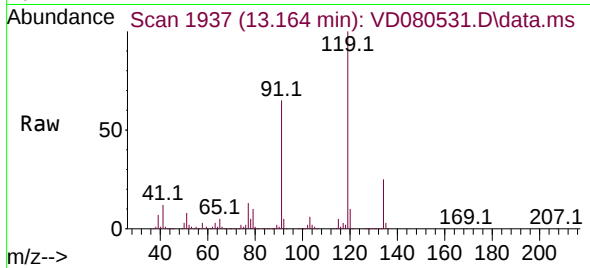
#83
tert-Butylbenzene
Concen: 51.296 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 578476
Ion Ratio Lower Upper
119 100
91 63.0 30.4 91.3
134 26.5 13.1 39.3

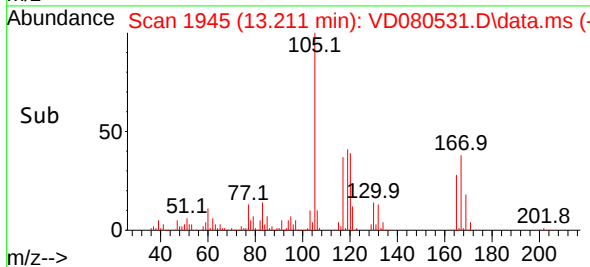
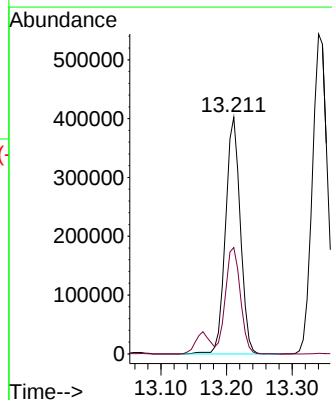
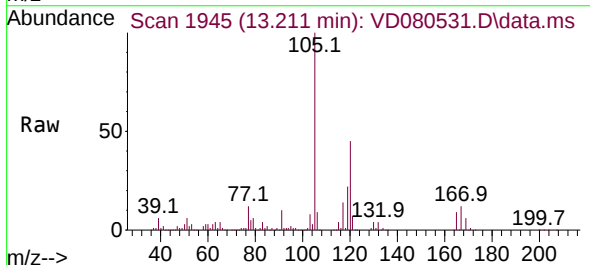
Manual Integrations
APPROVED

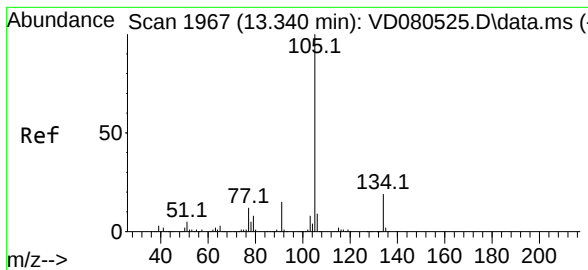
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#84
1,2,4-Trimethylbenzene
Concen: 51.188 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion:105 Resp: 631687
Ion Ratio Lower Upper
105 100
120 45.5 22.7 68.1





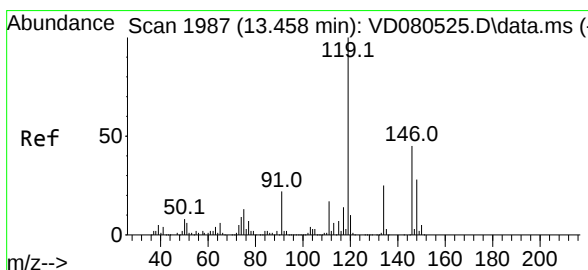
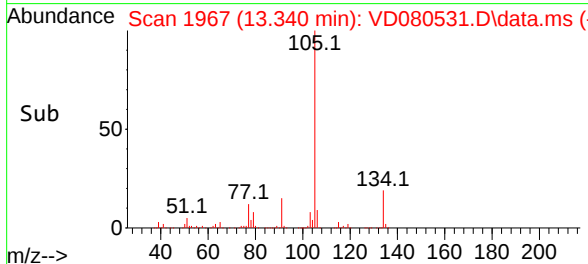
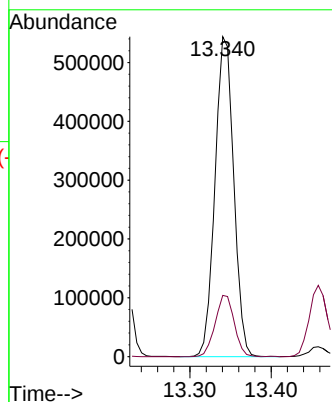
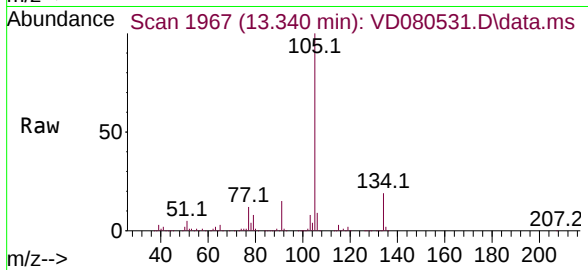
#85
 sec-Butylbenzene
 Concen: 52.160 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080531.D
 Acq: 18 Nov 2025 08:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 870852
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 30.0

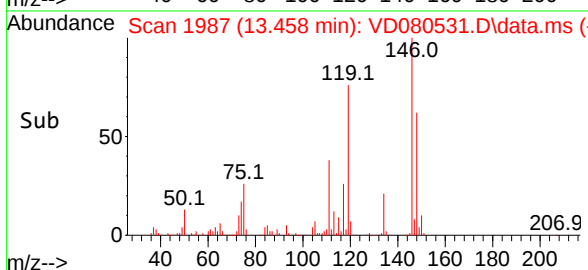
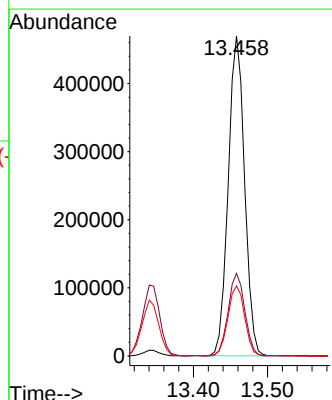
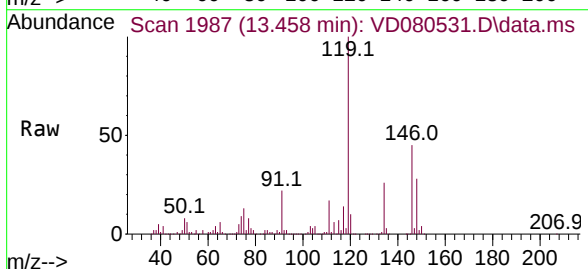
Manual Integrations
 APPROVED

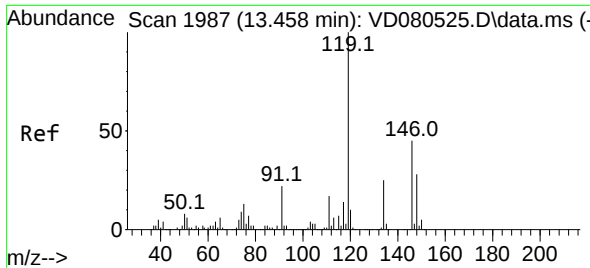
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#86
 p-Isopropyltoluene
 Concen: 51.863 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080531.D
 Acq: 18 Nov 2025 08:57

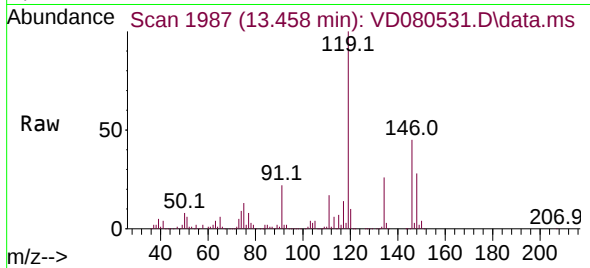
Tgt Ion:119 Resp: 718048
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.4
 91 22.4 11.1 33.1





#87
 1,3-Dichlorobenzene
 Concen: 51.463 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080531.D
 Acq: 18 Nov 2025 08:57

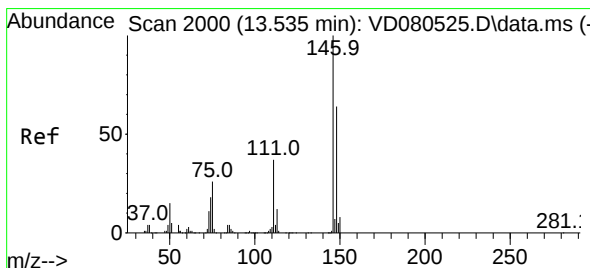
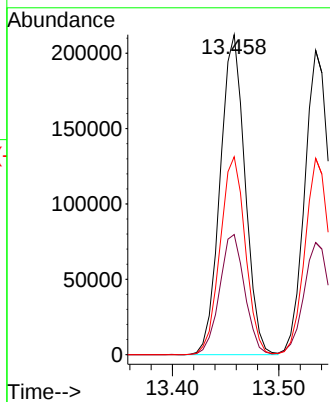
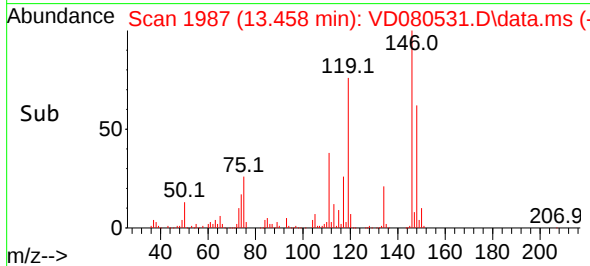
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



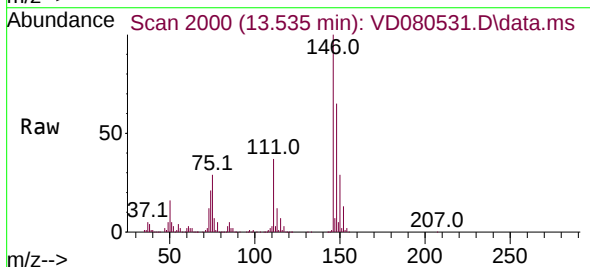
Tgt Ion:146 Resp: 344320
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.2
 148 62.8 31.4 94.0

Manual Integrations
 APPROVED

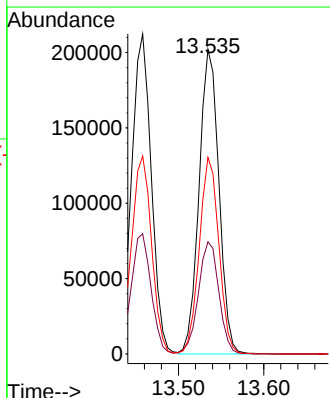
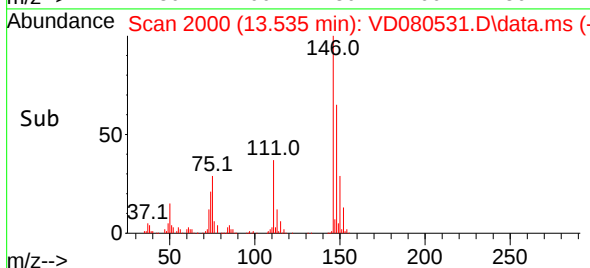
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

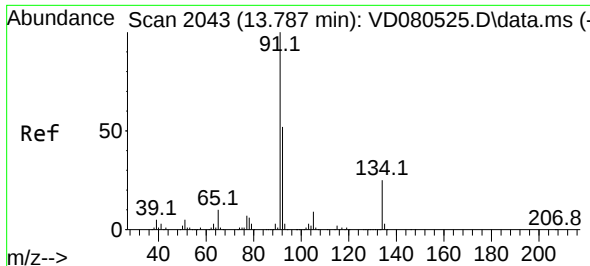


#88
 1,4-Dichlorobenzene
 Concen: 49.923 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. -0.000 min
 Lab File: VD080531.D
 Acq: 18 Nov 2025 08:57



Tgt Ion:146 Resp: 326615
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.9
 148 63.6 32.1 96.5





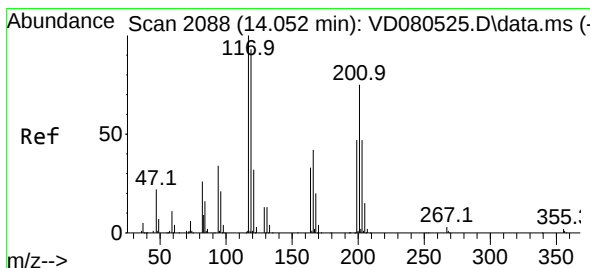
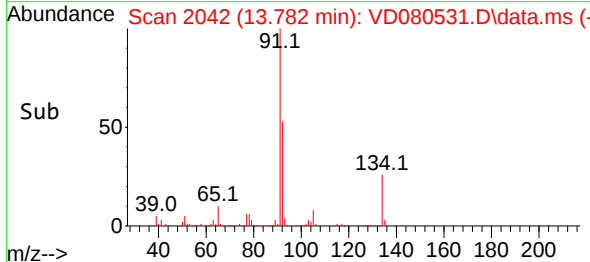
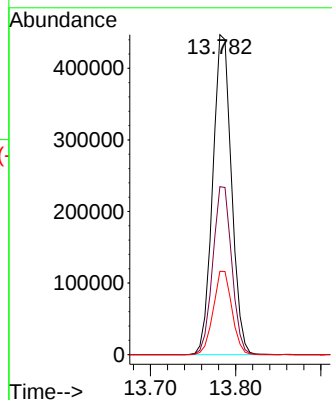
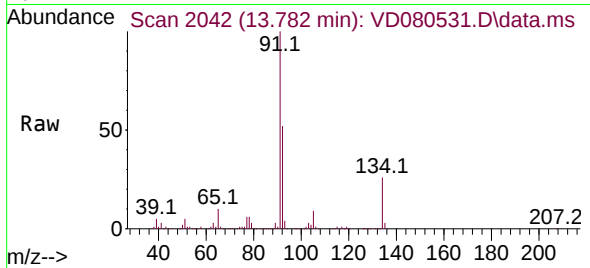
#89
n-Butylbenzene
Concen: 51.728 ug/l
RT: 13.782 min Scan# 2043
Delta R.T. -0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 682932
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 25.9 12.6 37.8

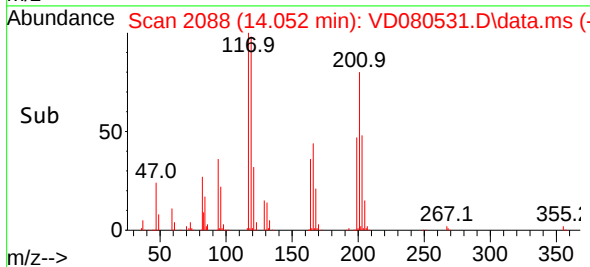
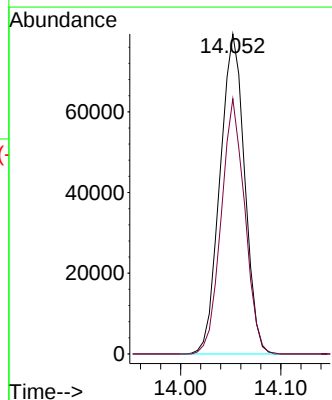
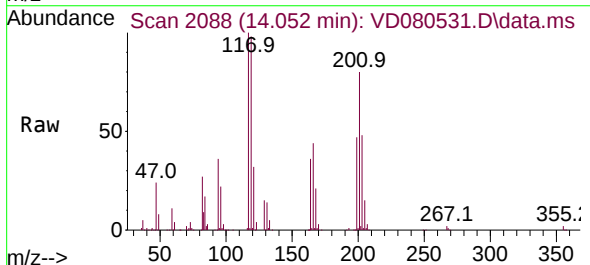
Manual Integrations
APPROVED

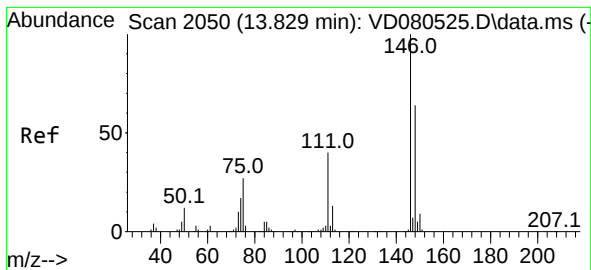
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#90
Hexachloroethane
Concen: 50.116 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Tgt Ion:117 Resp: 135354
Ion Ratio Lower Upper
117 100
201 76.2 36.7 110.1





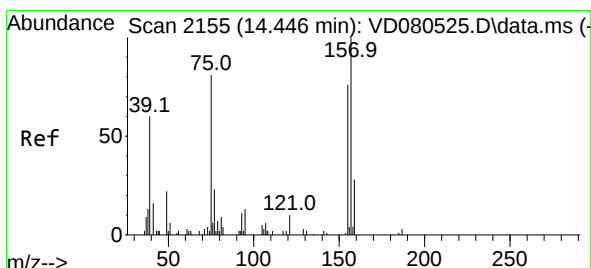
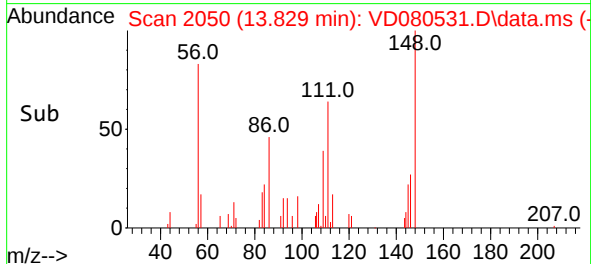
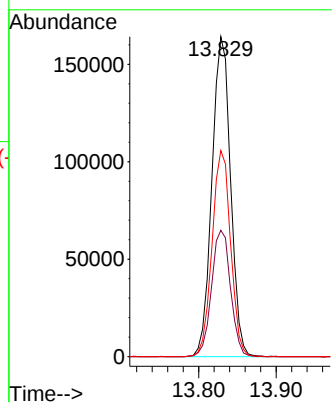
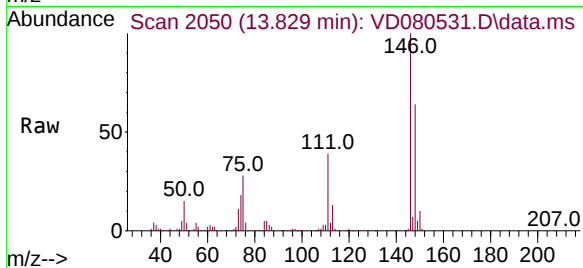
#91
1,2-Dichlorobenzene
Concen: 49.585 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 274180
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 64.0 32.2 96.6

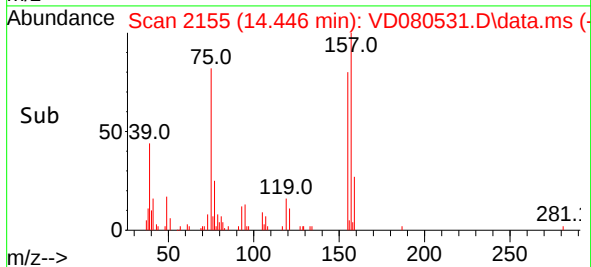
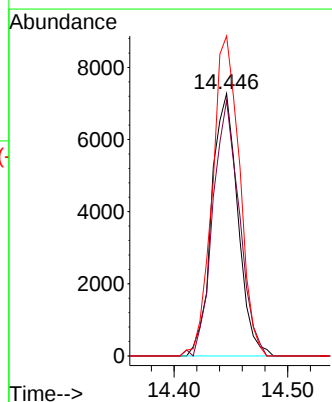
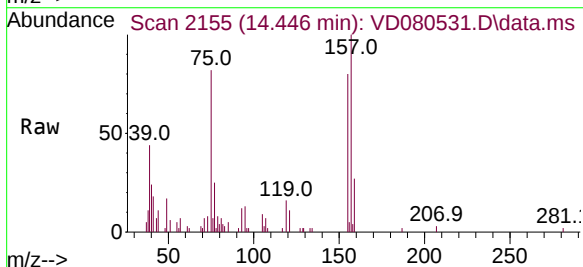
Manual Integrations
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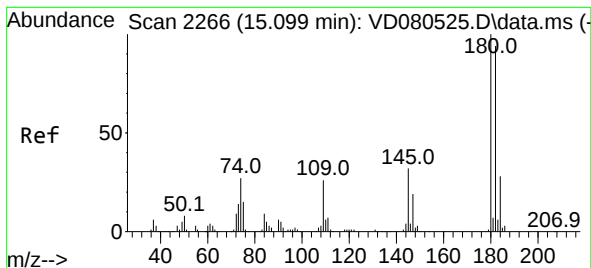
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.456 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

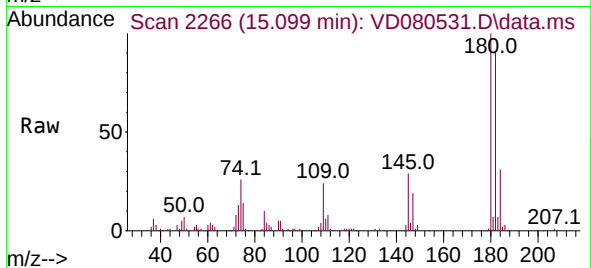
Tgt Ion: 75 Resp: 11631
Ion Ratio Lower Upper
75 100
155 98.3 46.4 139.2
157 126.6 59.6 178.7





#93
 1,2,4-Trichlorobenzene
 Concen: 49.827 ug/l
 RT: 15.099 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD080531.D
 Acq: 18 Nov 2025 08:57

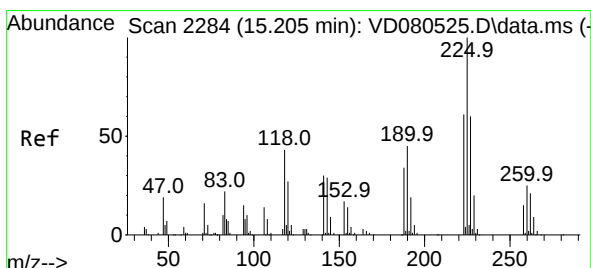
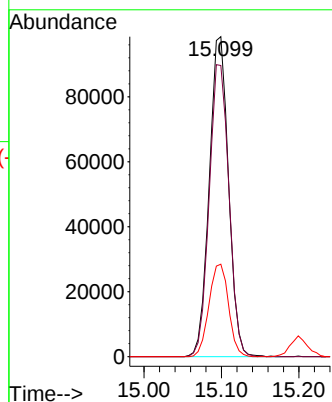
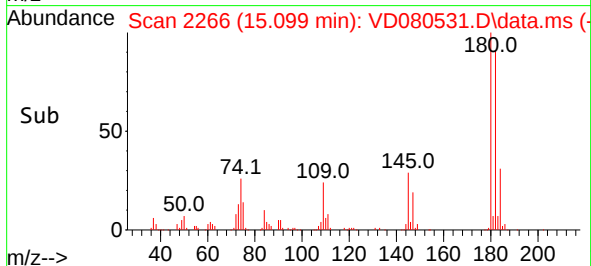
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



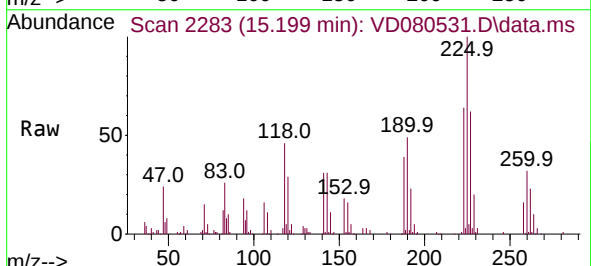
Tgt Ion:180 Resp: 170143
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.1 141.4
 145 29.3 14.7 44.1

Manual Integrations
 APPROVED

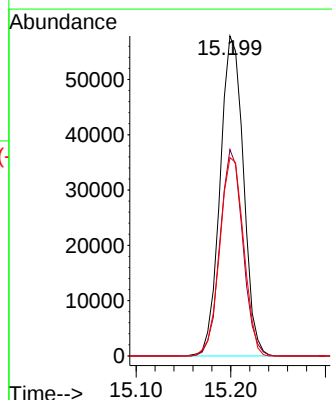
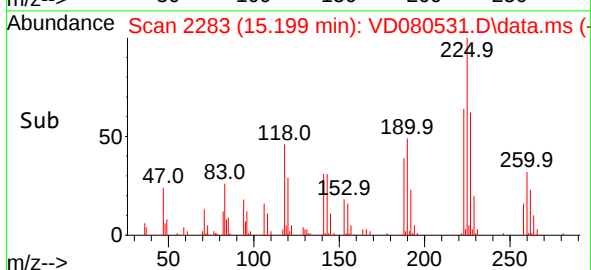
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

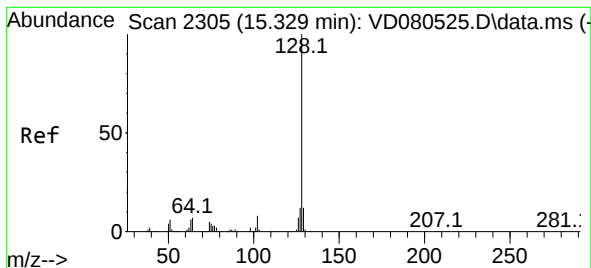


#94
 Hexachlorobutadiene
 Concen: 52.010 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: VD080531.D
 Acq: 18 Nov 2025 08:57



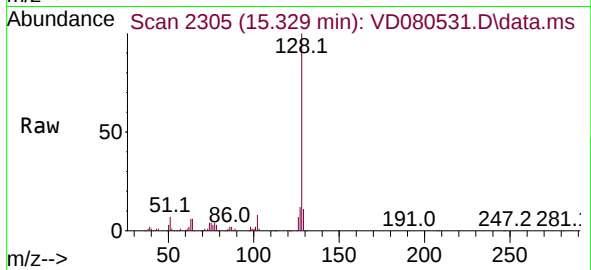
Tgt Ion:225 Resp: 98891
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.4 94.0
 227 63.5 31.9 95.5





#95
Naphthalene
Concen: 46.408 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57

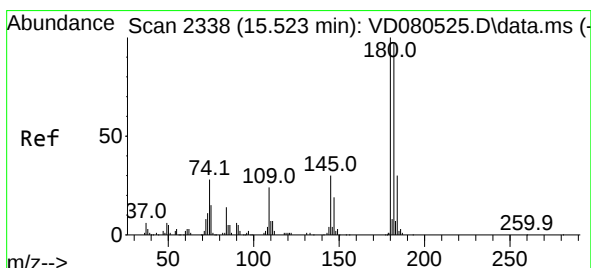
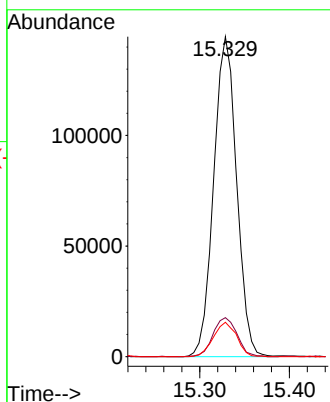
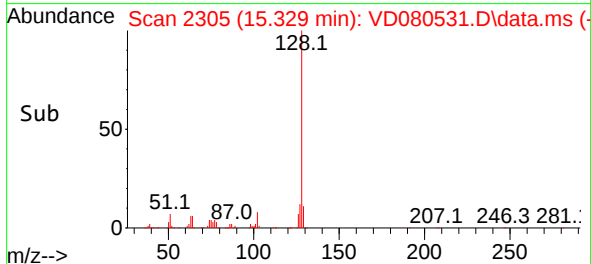
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



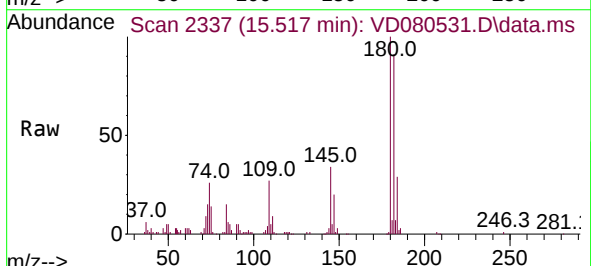
Tgt Ion:128 Resp: 257879
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.6
129 10.7 9.2 13.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.806 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD080531.D
Acq: 18 Nov 2025 08:57



Tgt Ion:180 Resp: 132247
Ion Ratio Lower Upper
180 100
182 93.3 48.4 145.2
145 31.1 15.9 47.6

