

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111825\
 Data File : VD080534.D
 Acq On : 18 Nov 2025 11:29
 Operator : RP/MD
 Sample : VD1118SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 11:47:54 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	291899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	490191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	403206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	181263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	113429	46.280	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.560%		
35) Dibromofluoromethane	7.806	113	133215	46.161	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.320%		
50) Toluene-d8	10.270	98	544735	46.660	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.320%		
62) 4-Bromofluorobenzene	12.570	95	154665	46.082	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	44947	20.662	ug/l	96
3) Chloromethane	2.147	50	70988	20.212	ug/l	99
4) Vinyl Chloride	2.288	62	82376	19.796	ug/l	97
5) Bromomethane	2.694	94	63399	20.548	ug/l	99
6) Chloroethane	2.841	64	58983	20.648	ug/l	98
7) Trichlorofluoromethane	3.182	101	97710	20.634	ug/l	95
8) Diethyl Ether	3.600	74	23056	17.666	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.976	101	60678	20.275	ug/l	98
10) Methyl Iodide	4.171	142	73949	19.217	ug/l	98
11) Tert butyl alcohol	5.035	59	13506	118.322	ug/l #	95
12) 1,1-Dichloroethene	3.947	96	61634	19.568	ug/l	87
13) Acrolein	3.794	56	19535	98.378	ug/l	97
14) Allyl chloride	4.559	41	90604	18.421	ug/l	97
15) Acrylonitrile	5.253	53	48130	91.367	ug/l #	91
16) Acetone	4.018	43	30765	85.860	ug/l	89
17) Carbon Disulfide	4.282	76	195266	19.265	ug/l	99
18) Methyl Acetate	4.570	43	18881	17.134	ug/l	98
19) Methyl tert-butyl Ether	5.323	73	104583	18.730	ug/l	96
20) Methylene Chloride	4.806	84	75886	20.979	ug/l	94
21) trans-1,2-Dichloroethene	5.312	96	68731	19.568	ug/l	98
22) Diisopropyl ether	6.223	45	164036	18.456	ug/l	98
23) Vinyl Acetate	6.159	43	429881	92.877	ug/l	100
24) 1,1-Dichloroethane	6.117	63	116022	19.092	ug/l	98
25) 2-Butanone	7.082	43	52064	92.669	ug/l	97
26) 2,2-Dichloropropane	7.076	77	102647	19.639	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	79175	19.347	ug/l	99
28) Bromochloromethane	7.429	49	43446	19.535	ug/l	99
29) Tetrahydrofuran	7.447	42	33156	88.581	ug/l	98
30) Chloroform	7.594	83	116688	19.581	ug/l	97
31) Cyclohexane	7.882	56	110492	18.980	ug/l	98
32) 1,1,1-Trichloroethane	7.794	97	105097	20.075	ug/l	98
36) 1,1-Dichloropropene	8.011	75	90220	20.224	ug/l	97
37) Ethyl Acetate	7.176	43	23779	17.622	ug/l #	68
38) Carbon Tetrachloride	7.994	117	91603	20.434	ug/l	98
39) Methylcyclohexane	9.276	83	117191	19.910	ug/l	98
40) Benzene	8.253	78	266087	19.263	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.406	41	14986	17.000	ug/l	96
42) 1,2-Dichloroethane	8.323	62	56898	19.736	ug/l	97
43) Isopropyl Acetate	8.359	43	48006	18.137	ug/l	95
44) Trichloroethene	9.029	130	71742	20.545	ug/l	99
45) 1,2-Dichloropropane	9.306	63	59628	18.854	ug/l	97
46) Dibromomethane	9.394	93	30482	19.540	ug/l	98
47) Bromodichloromethane	9.588	83	82844	19.664	ug/l	96
48) Methyl methacrylate	9.382	41	24058	18.310	ug/l	97
49) 1,4-Dioxane	9.382	88	5586	384.129	ug/l	96
51) 4-Methyl-2-Pentanone	10.158	43	115859	94.338	ug/l	98
52) Toluene	10.335	92	170342	19.499	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	71255	19.086	ug/l	94
54) cis-1,3-Dichloropropene	10.017	75	91662	19.037	ug/l	96
55) 1,1,2-Trichloroethane	10.735	97	37764	18.923	ug/l	98
56) Ethyl methacrylate	10.600	69	42651	18.522	ug/l	96
57) 1,3-Dichloropropane	10.876	76	64716	18.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	130170	100.747	ug/l	99
59) 2-Hexanone	10.917	43	81440	94.858	ug/l	96
60) Dibromochloromethane	11.070	129	50485	19.038	ug/l	96
61) 1,2-Dibromoethane	11.176	107	36630	19.082	ug/l	95
64) Tetrachloroethene	10.811	164	58806	20.276	ug/l	98
65) Chlorobenzene	11.605	112	180383	20.090	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.676	131	56951	20.281	ug/l	100
67) Ethyl Benzene	11.682	91	324308	19.928	ug/l	99
68) m/p-Xylenes	11.794	106	251509	40.410	ug/l	99
69) o-Xylene	12.117	106	115439	20.061	ug/l	99
70) Styrene	12.135	104	190285	20.036	ug/l	100
71) Bromoform	12.294	173	26621	20.294	ug/l #	98
73) Isopropylbenzene	12.417	105	307702	19.998	ug/l	100
74) N-amyl acetate	12.229	43	45095	18.907	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	37073	19.211	ug/l	99
76) 1,2,3-Trichloropropane	12.717	75	26600m	18.841	ug/l	
77) Bromobenzene	12.699	156	65355	20.011	ug/l	99
78) n-propylbenzene	12.758	91	369232	20.003	ug/l	100
79) 2-Chlorotoluene	12.847	91	201168	19.810	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	241940	19.891	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.464	75	13020	17.611	ug/l	93
82) 4-Chlorotoluene	12.941	91	204856	19.843	ug/l	99
83) tert-Butylbenzene	13.164	119	217471	19.884	ug/l	98
84) 1,2,4-Trimethylbenzene	13.205	105	242063	20.225	ug/l	99
85) sec-Butylbenzene	13.341	105	323325	19.968	ug/l	100
86) p-Isopropyltoluene	13.458	119	272312	20.280	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	132978	20.493	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	128686	20.281	ug/l	98
89) n-Butylbenzene	13.782	91	256331	20.019	ug/l	98
90) Hexachloroethane	14.052	117	50736	19.370	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	108340	20.202	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.441	75	4617	17.377	ug/l	89
93) 1,2,4-Trichlorobenzene	15.093	180	66705	20.142	ug/l	98
94) Hexachlorobutadiene	15.199	225	38578	20.920	ug/l	98
95) Naphthalene	15.329	128	106135	19.694	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	53071	19.781	ug/l	99

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

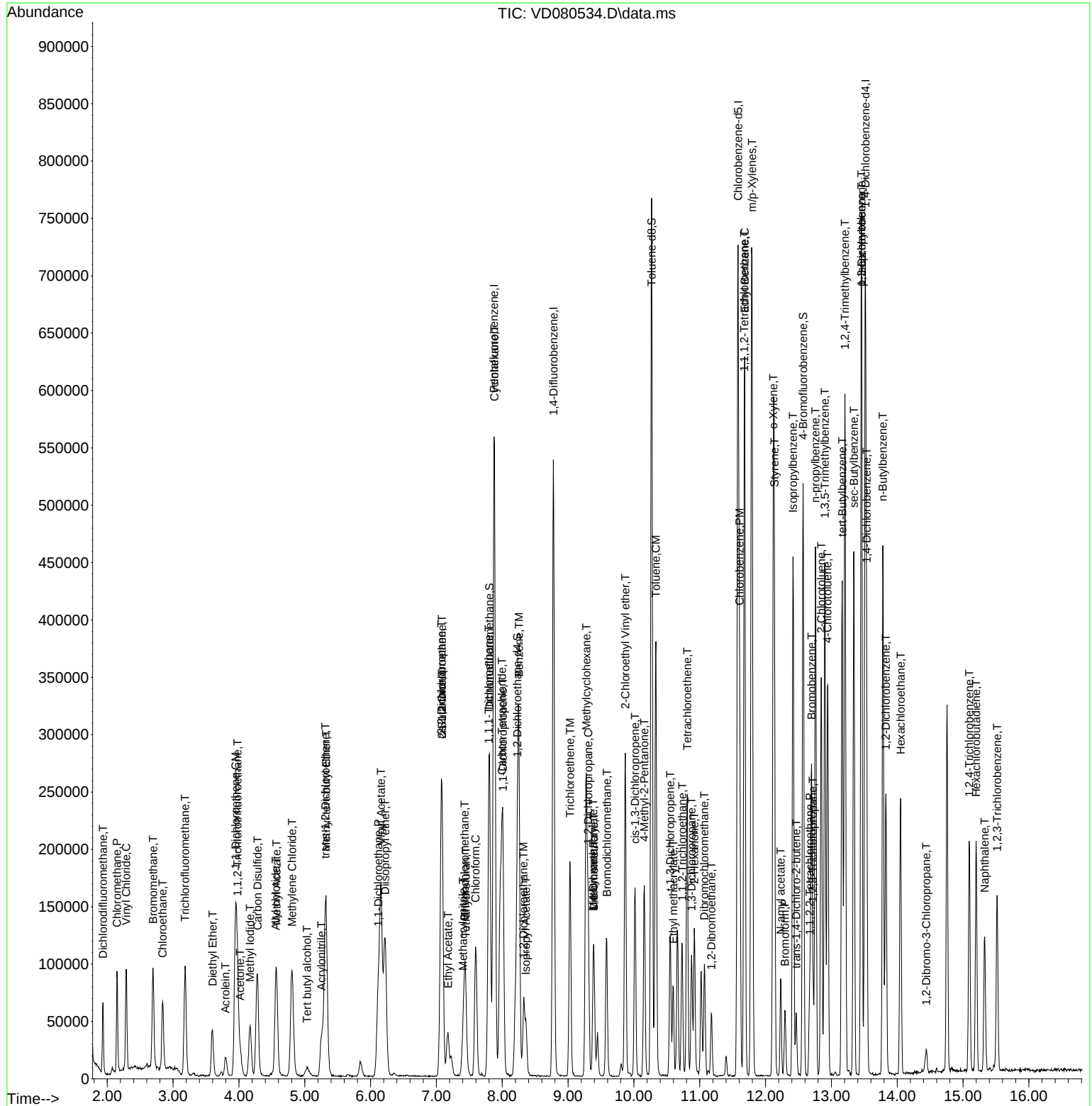
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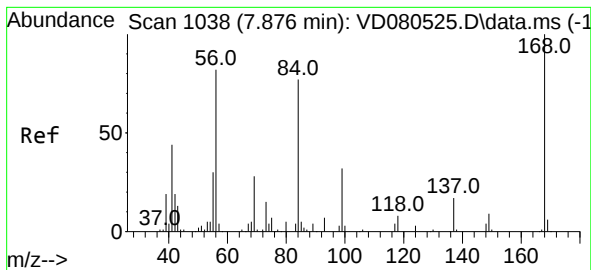
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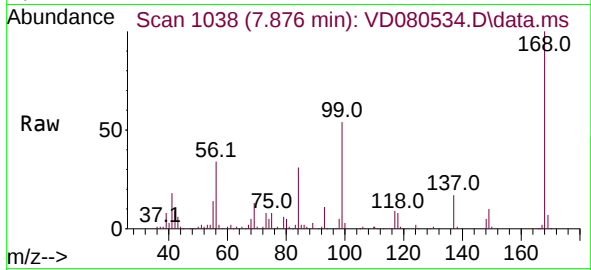
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

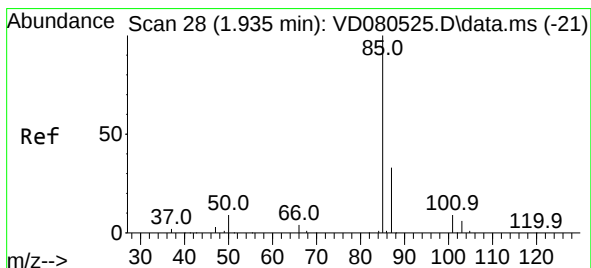
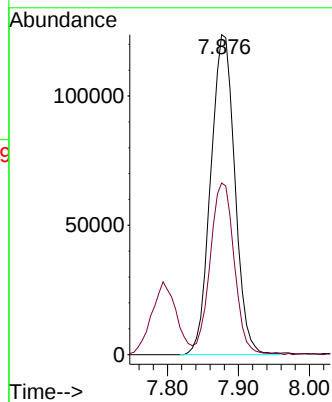
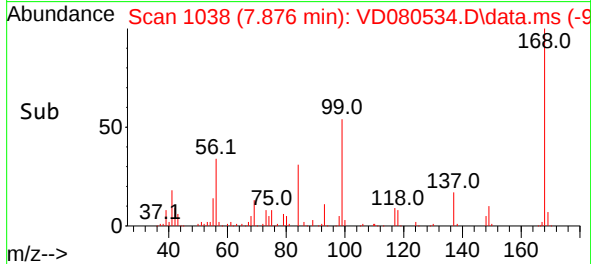
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01



Tgt Ion:168 Resp: 291899
Ion Ratio Lower Upper
168 100
99 53.3 42.5 63.7

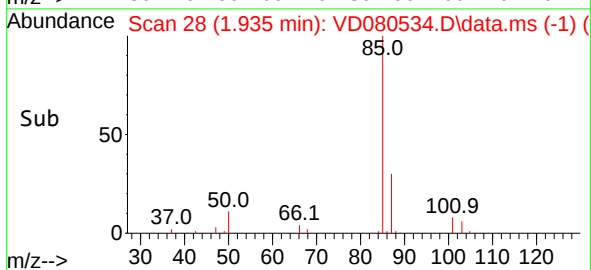
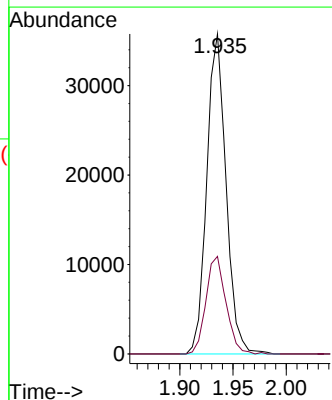
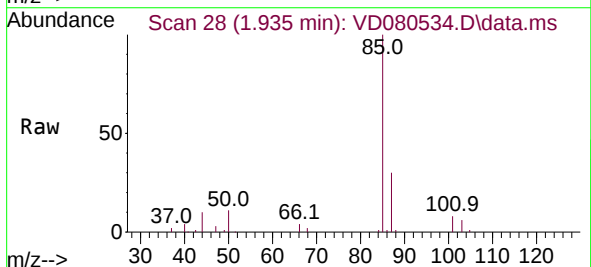
Manual Integrations
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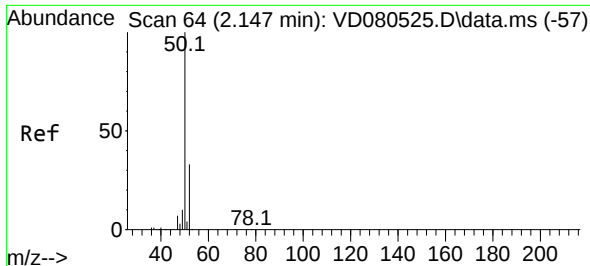
Reviewed By :Amit Patel 11/19/2025
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#2
Dichlorodifluoromethane
Concen: 20.662 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

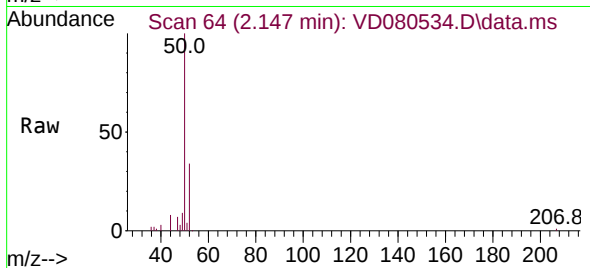
Tgt Ion: 85 Resp: 44947
Ion Ratio Lower Upper
85 100
87 30.5 16.5 49.5





#3
Chloromethane
Concen: 20.212 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

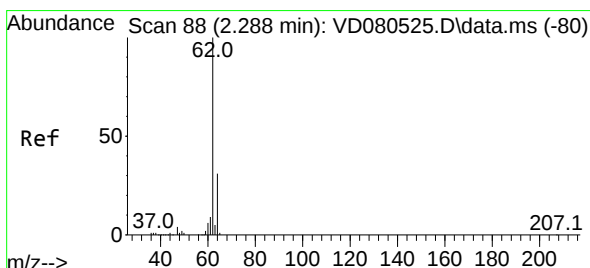
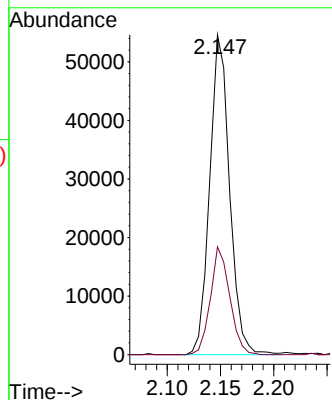
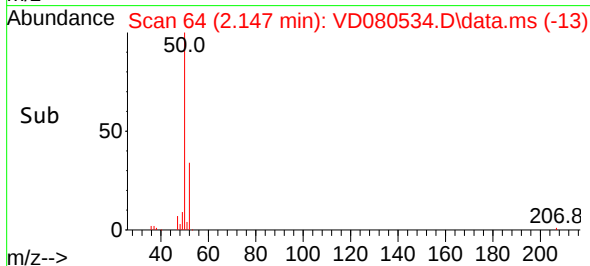
Instrument :
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ClientSampleId :
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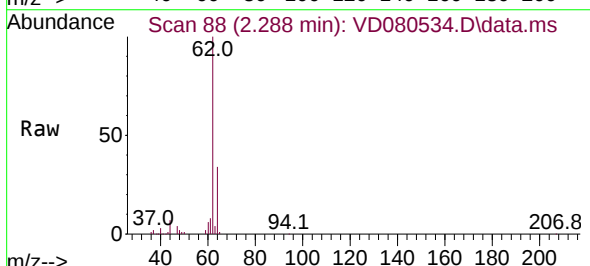
Tgt Ion: 50 Resp: 70988
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7

Manual Integrations
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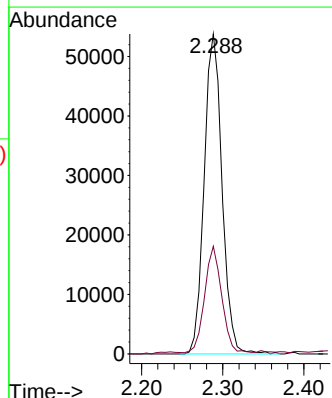
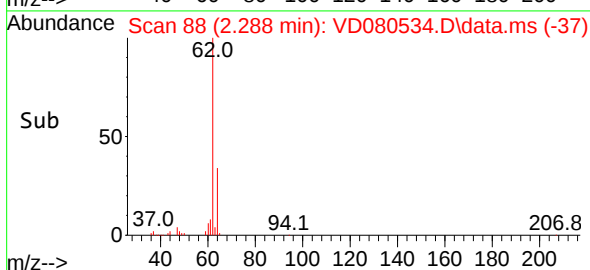
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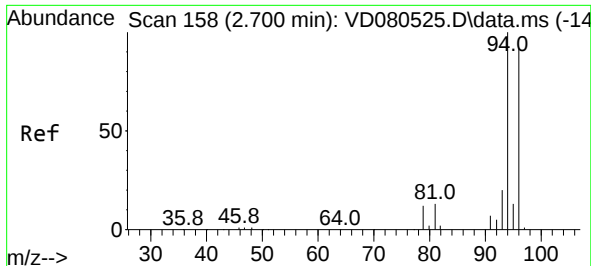


#4
Vinyl Chloride
Concen: 19.796 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29



Tgt Ion: 62 Resp: 82376
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.6





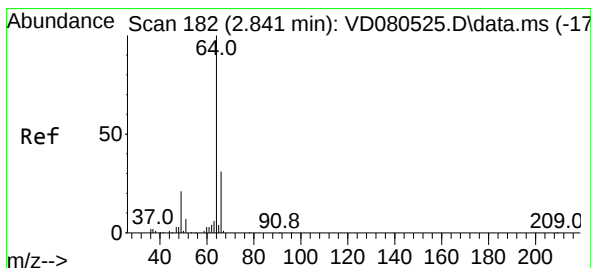
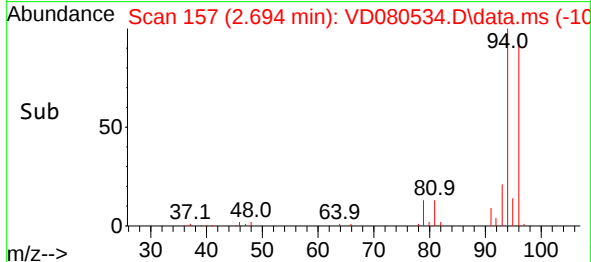
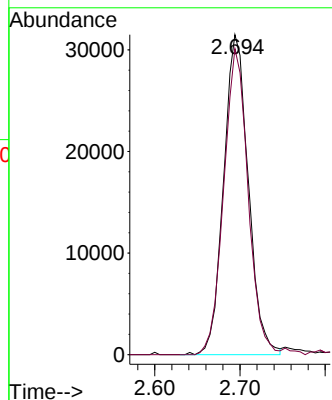
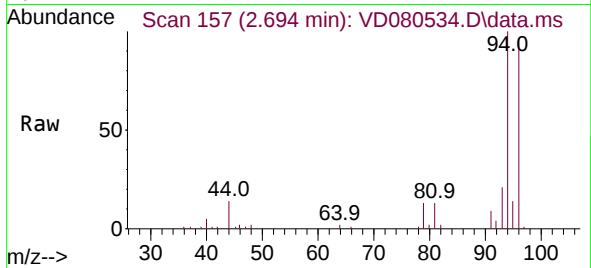
#5
Bromomethane
Concen: 20.548 ug/l
RT: 2.694 min Scan# 158
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 94 Resp: 63399
Ion Ratio Lower Upper
94 100
96 94.2 74.6 112.0

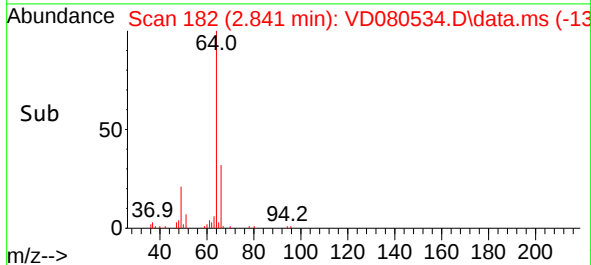
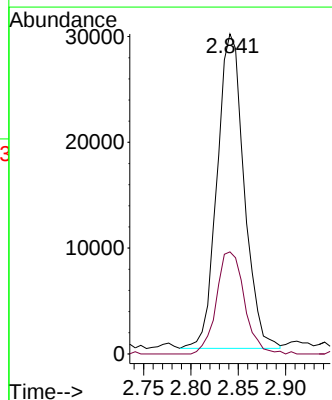
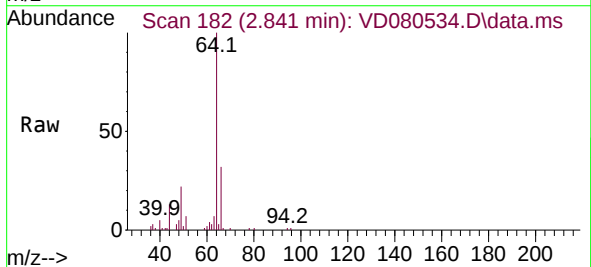
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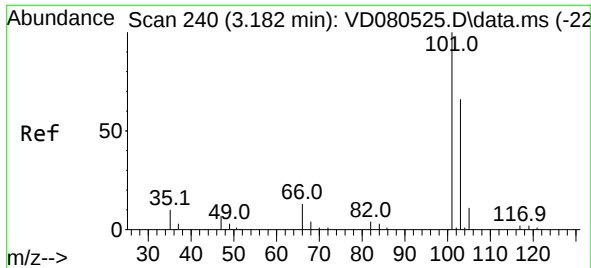
Reviewed By :Amit Patel 11/19/2025
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#6
Chloroethane
Concen: 20.648 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

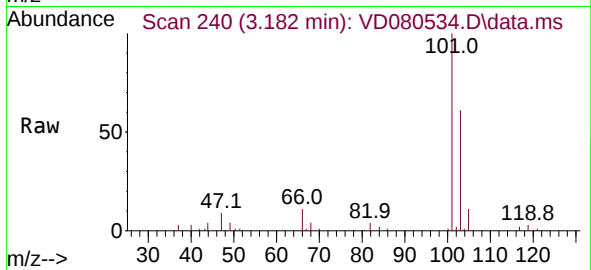
Tgt Ion: 64 Resp: 58983
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 20.634 ug/l
 RT: 3.182 min Scan# 240
 Delta R.T. 0.000 min
 Lab File: VD080534.D
 Acq: 18 Nov 2025 11:29

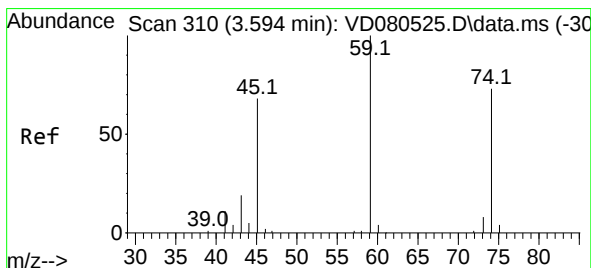
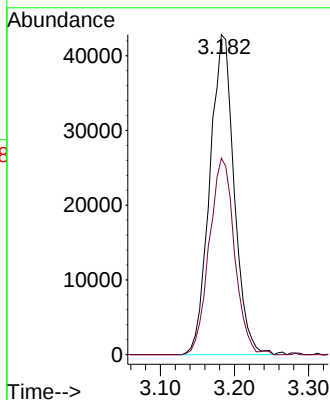
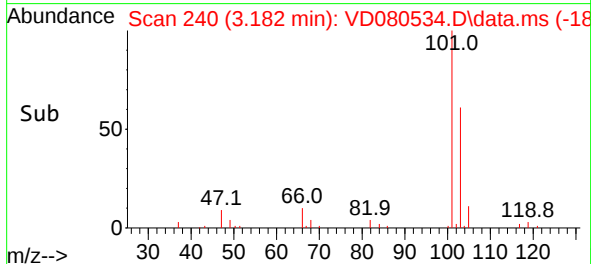
Instrument :
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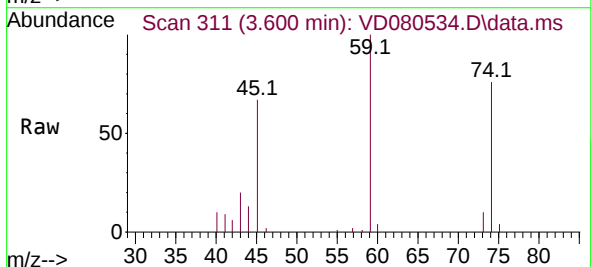
Tgt Ion:101 Resp: 97710
 Ion Ratio Lower Upper
 101 100
 103 61.4 52.6 78.8

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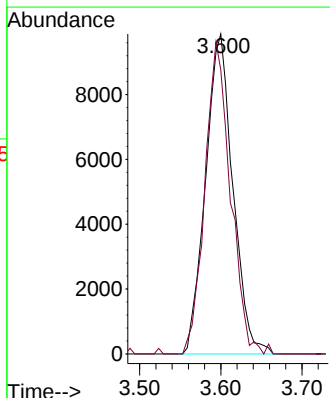
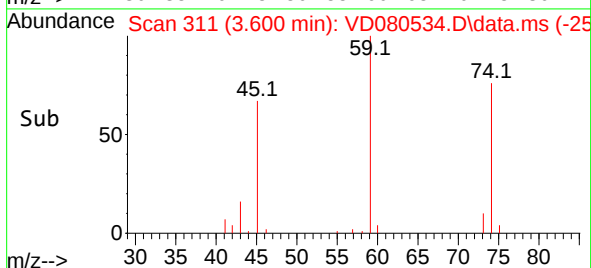
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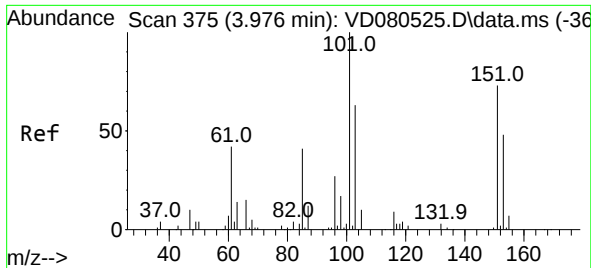


#8
 Diethyl Ether
 Concen: 17.666 ug/l
 RT: 3.600 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VD080534.D
 Acq: 18 Nov 2025 11:29



Tgt Ion: 74 Resp: 23056
 Ion Ratio Lower Upper
 74 100
 45 91.3 46.9 140.7





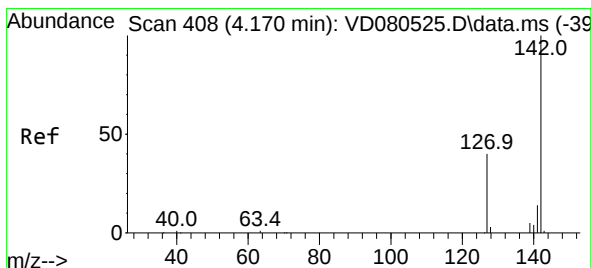
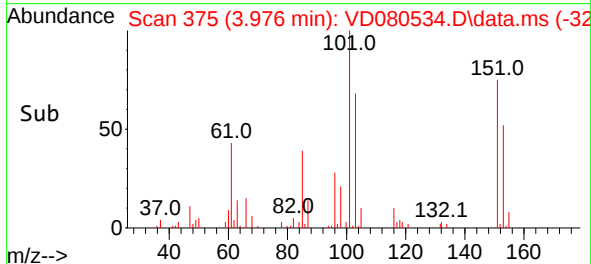
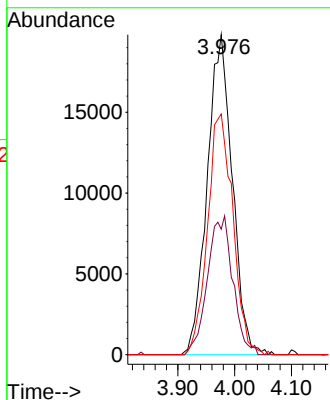
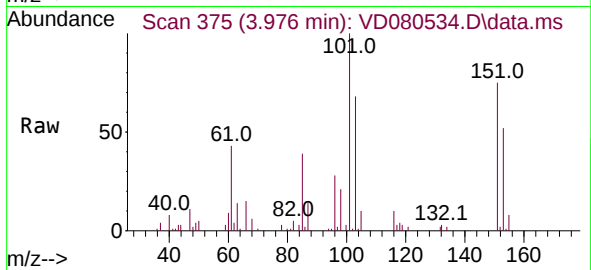
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.275 ug/l
RT: 3.976 min Scan# 375
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion:101 Resp: 60678
Ion Ratio Lower Upper
101 100
85 43.7 33.8 50.6
151 76.0 59.6 89.4

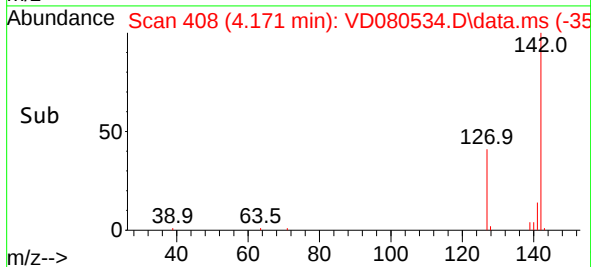
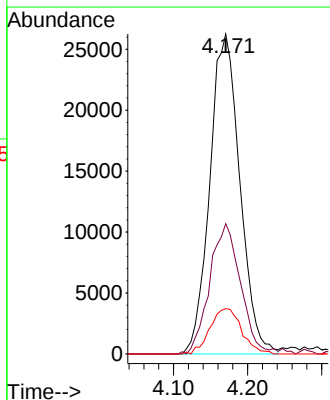
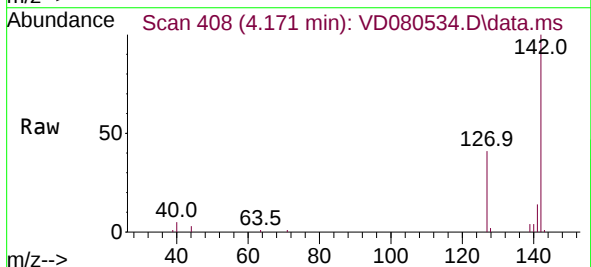
Manual Integrations
APPROVED

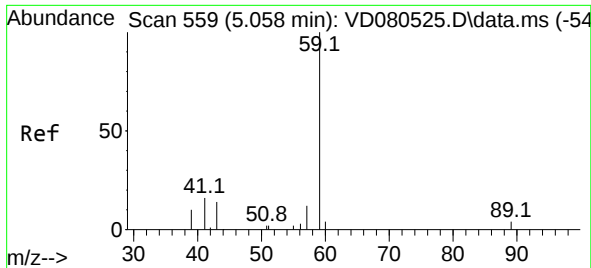
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#10
Methyl Iodide
Concen: 19.217 ug/l
RT: 4.171 min Scan# 408
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion:142 Resp: 73949
Ion Ratio Lower Upper
142 100
127 42.1 32.6 49.0
141 14.9 11.4 17.2





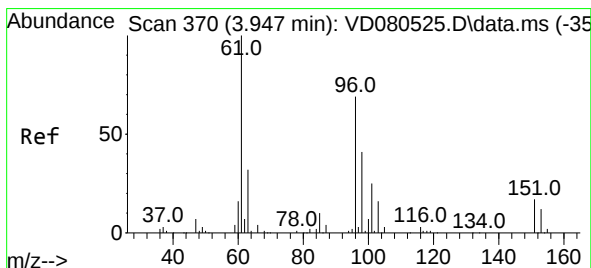
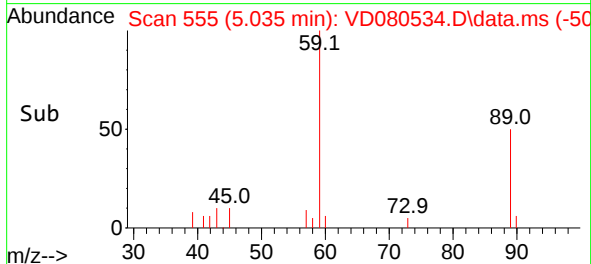
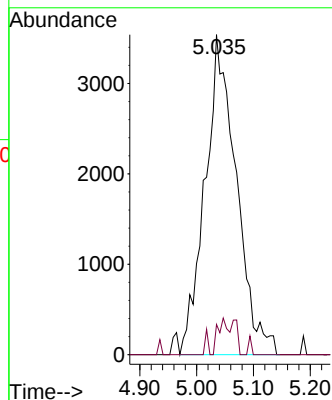
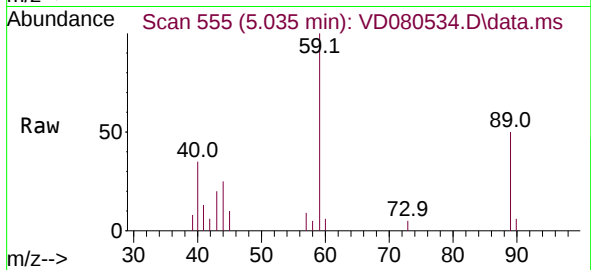
#11
Tert butyl alcohol
Concen: 118.322 ug/l
RT: 5.035 min Scan# 559
Delta R.T. -0.023 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 59 Resp: 13506
Ion Ratio Lower Upper
59 100
57 4.0 4.5 6.7

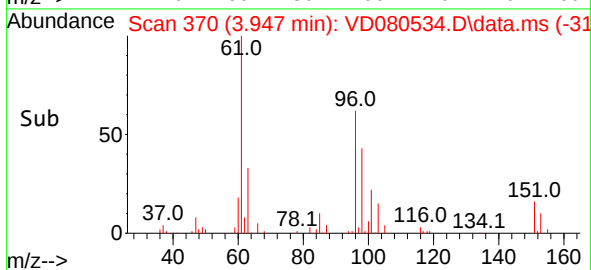
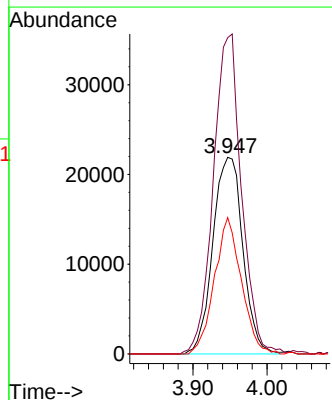
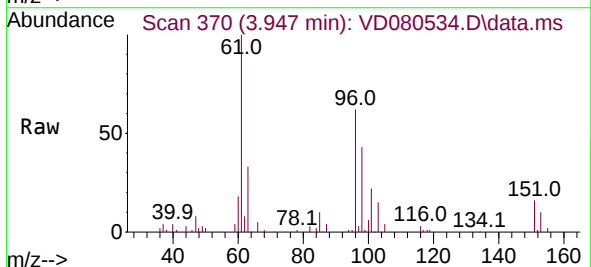
Manual Integrations
APPROVED

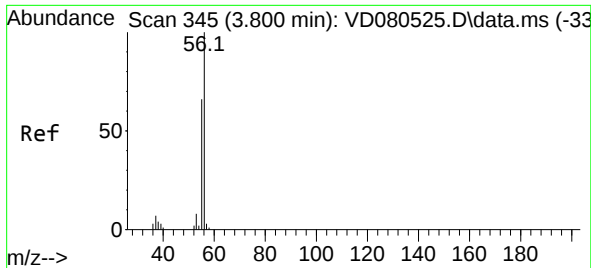
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#12
1,1-Dichloroethene
Concen: 19.568 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion: 96 Resp: 61634
Ion Ratio Lower Upper
96 100
61 160.8 116.2 174.2
98 69.3 47.6 71.4





#13

Acrolein

Concen: 98.378 ug/l

RT: 3.794 min Scan# 34

Delta R.T. -0.006 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

Tgt Ion: 56 Resp: 1953

Ion Ratio Lower Upper

56 100

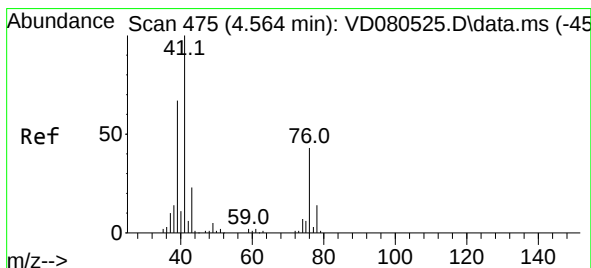
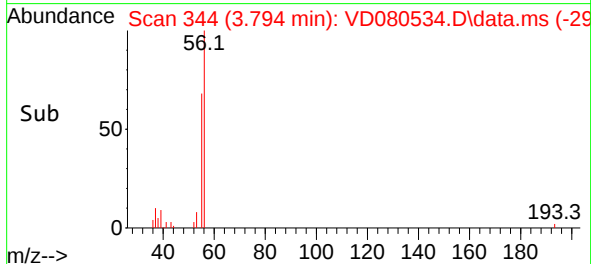
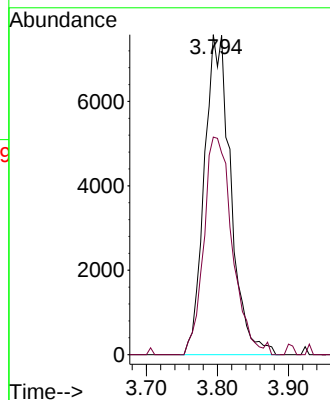
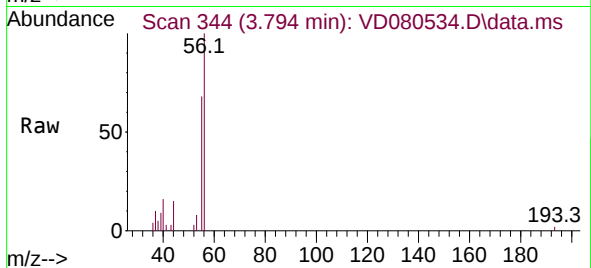
55 73.6 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#14

Allyl chloride

Concen: 18.421 ug/l

RT: 4.559 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

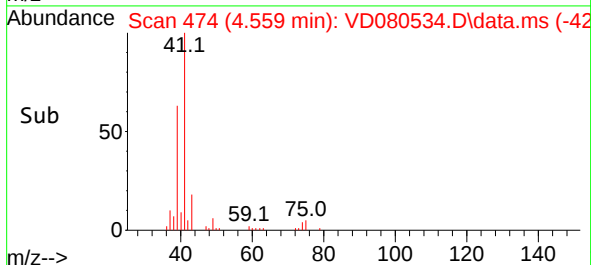
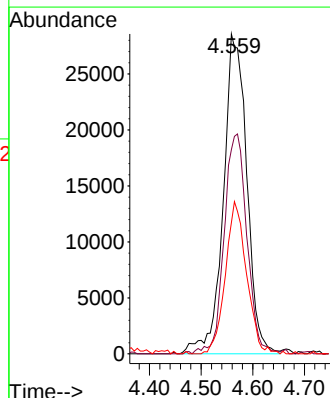
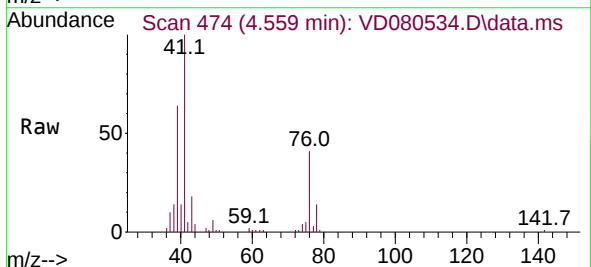
Tgt Ion: 41 Resp: 90604

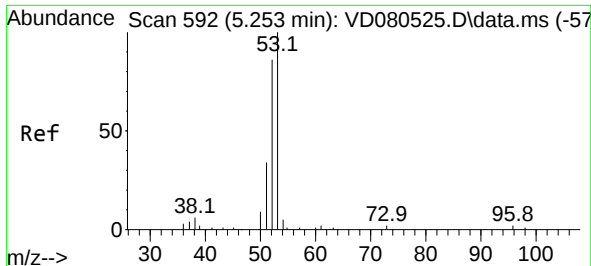
Ion Ratio Lower Upper

41 100

39 66.8 51.4 77.2

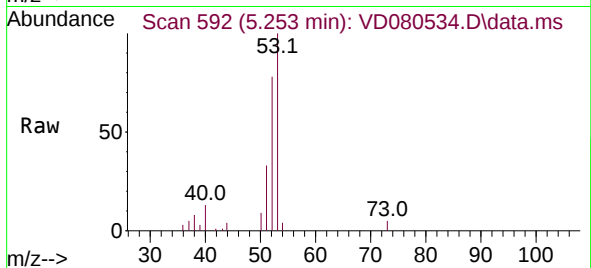
76 43.1 32.6 48.8





#15
Acrylonitrile
Concen: 91.367 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

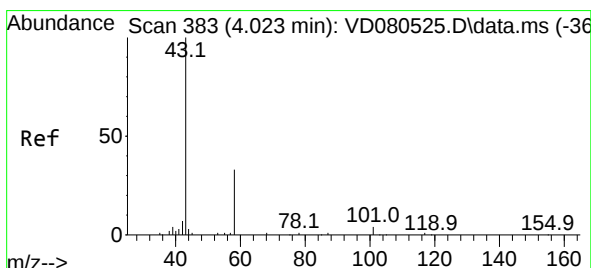
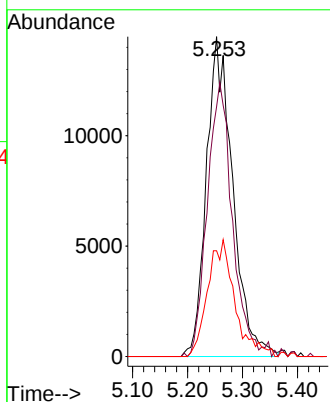
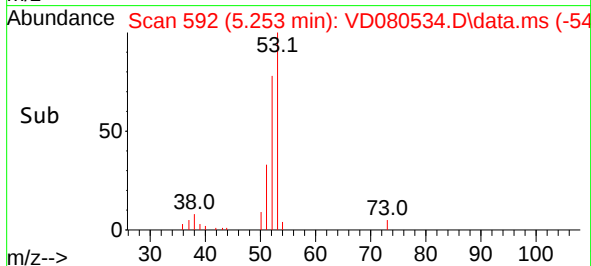
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01



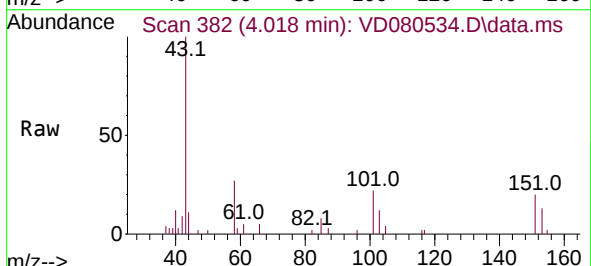
Tgt Ion: 53 Resp: 48130
Ion Ratio Lower Upper
53 100
52 81.3 64.9 97.3
51 18.5 28.8 43.2

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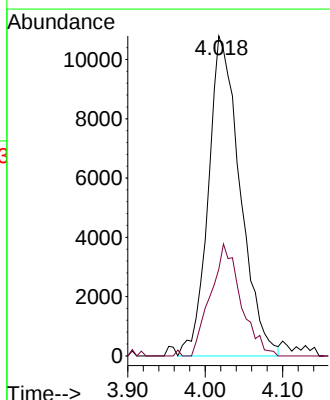
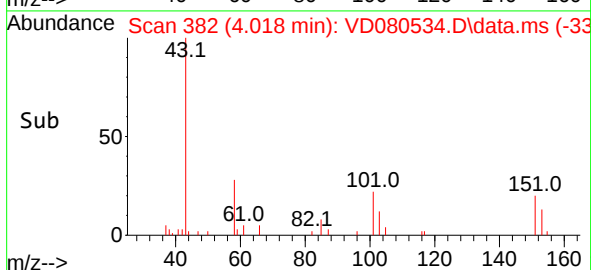
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

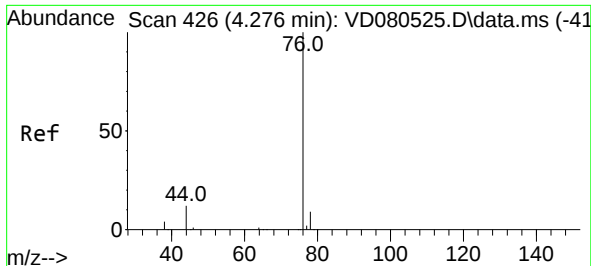


#16
Acetone
Concen: 85.860 ug/l
RT: 4.018 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29



Tgt Ion: 43 Resp: 30765
Ion Ratio Lower Upper
43 100
58 27.2 26.6 40.0





#17

Carbon Disulfide

Concen: 19.265 ug/l

RT: 4.282 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

Tgt Ion: 76 Resp: 195266

Ion Ratio Lower Upper

76 100

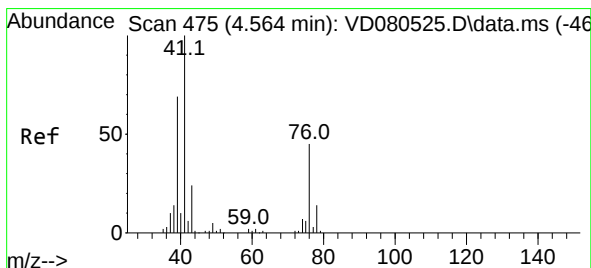
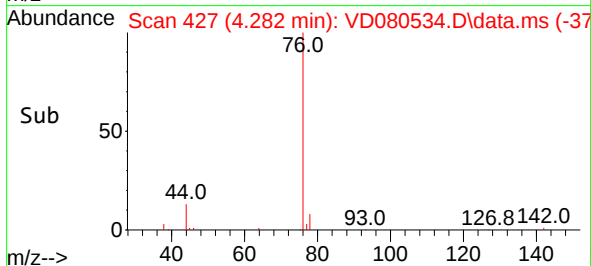
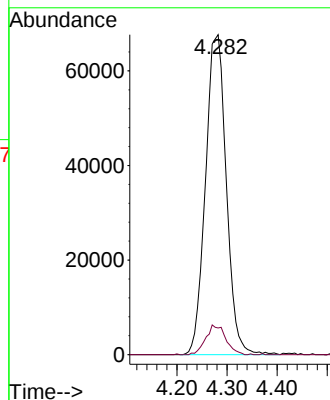
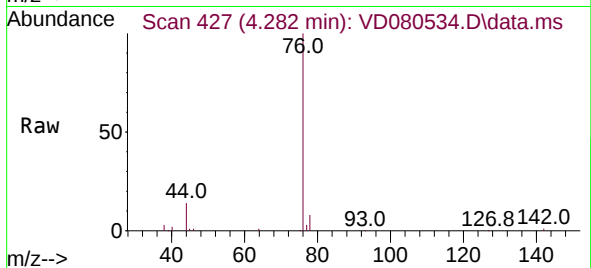
78 8.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#18

Methyl Acetate

Concen: 17.134 ug/l

RT: 4.570 min Scan# 476

Delta R.T. 0.006 min

Lab File: VD080534.D

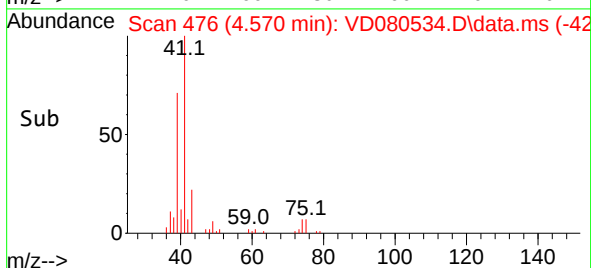
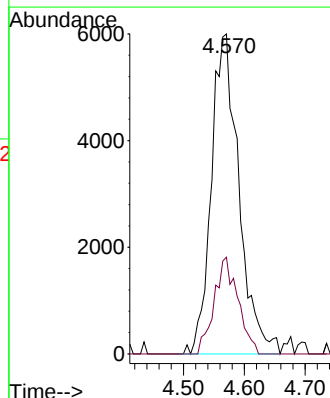
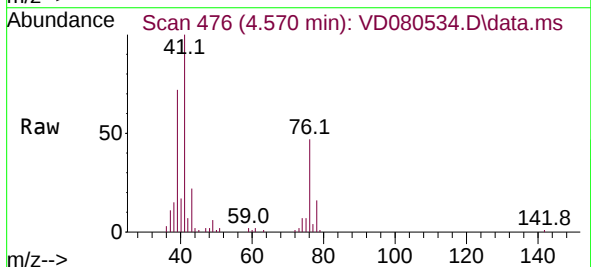
Acq: 18 Nov 2025 11:29

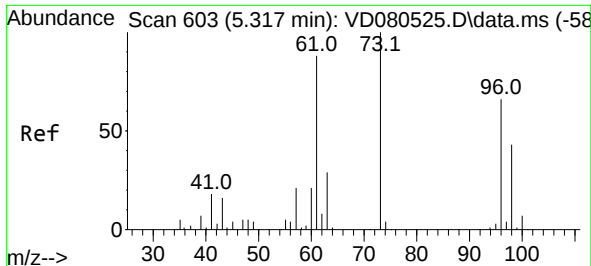
Tgt Ion: 43 Resp: 18881

Ion Ratio Lower Upper

43 100

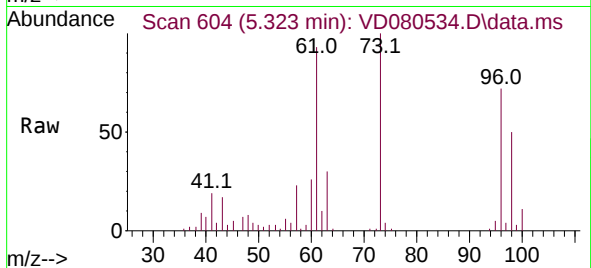
74 26.0 21.7 32.5





#19
Methyl tert-butyl Ether
Concen: 18.730 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

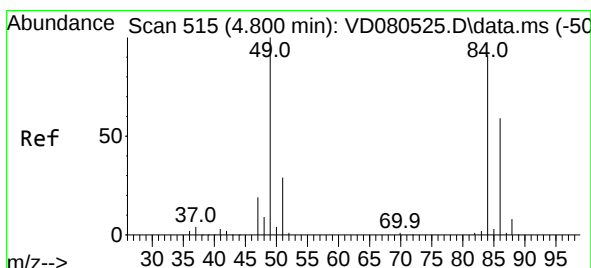
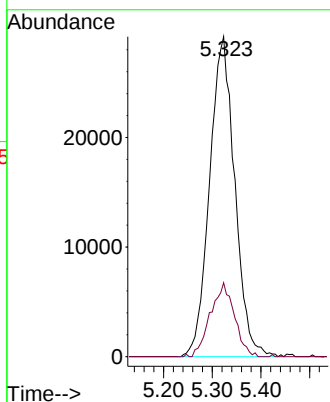
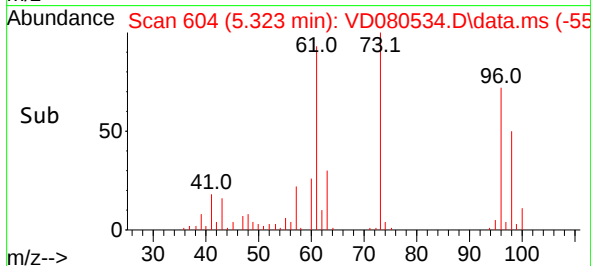
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



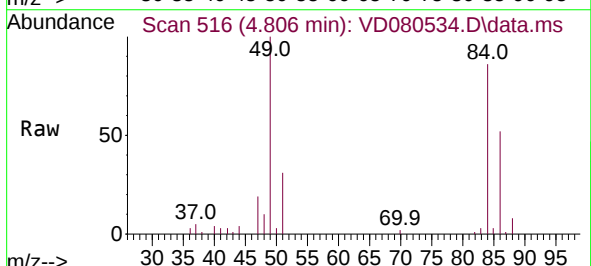
Tgt Ion: 73 Resp: 104583
Ion Ratio Lower Upper
73 100
57 23.1 17.1 25.7

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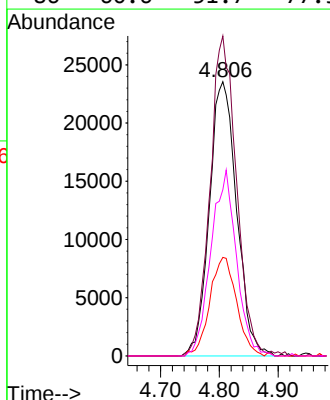
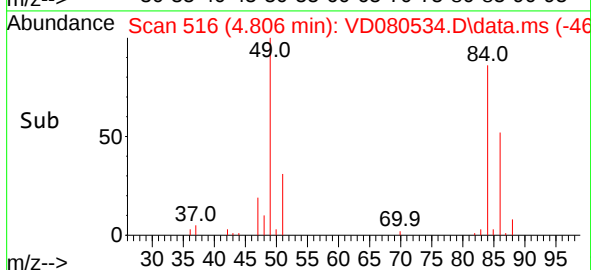
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

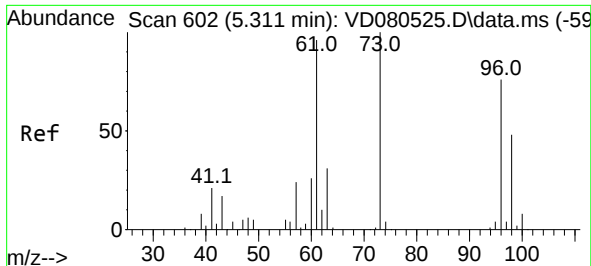


#20
Methylene Chloride
Concen: 20.979 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29



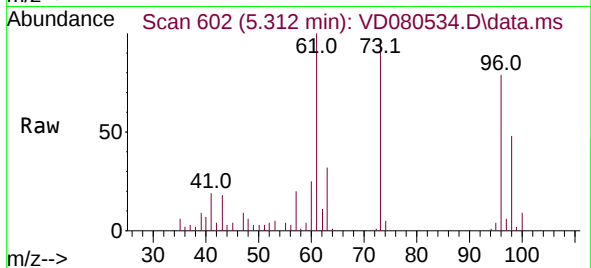
Tgt Ion: 84 Resp: 75886
Ion Ratio Lower Upper
84 100
49 116.8 87.9 131.9
51 35.9 25.4 38.2
86 60.6 51.7 77.5





#21
trans-1,2-Dichloroethene
Concen: 19.568 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

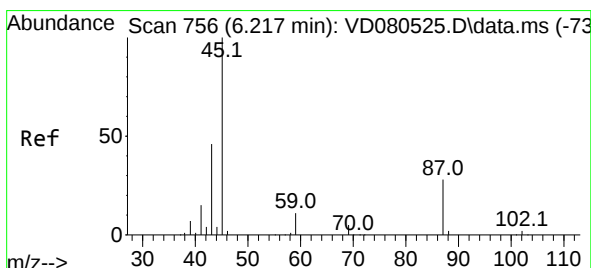
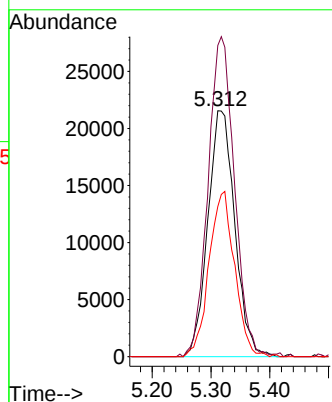
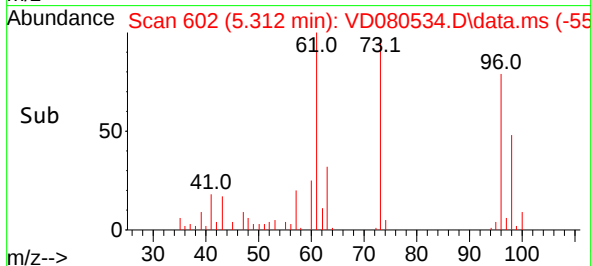
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



Tgt Ion: 96 Resp: 68731
Ion Ratio Lower Upper
96 100
61 125.5 102.0 153.0
98 61.0 50.5 75.7

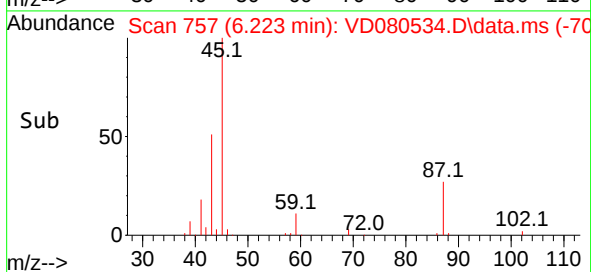
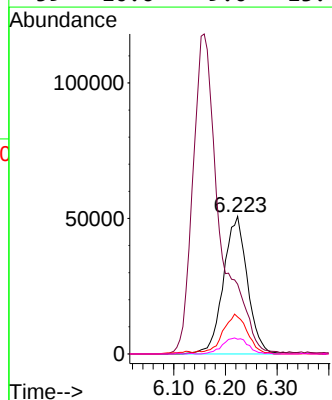
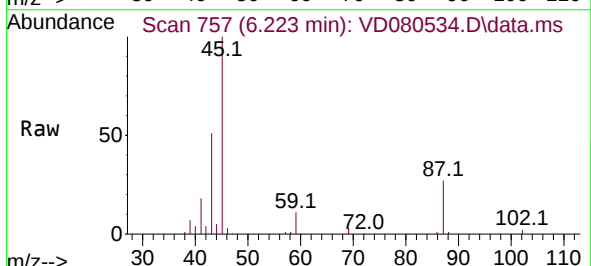
Manual Integrations
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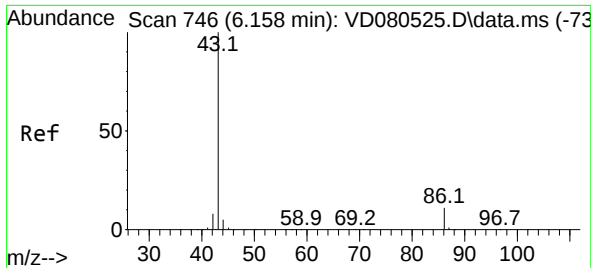
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#22
Diisopropyl ether
Concen: 18.456 ug/l
RT: 6.223 min Scan# 757
Delta R.T. 0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion: 45 Resp: 164036
Ion Ratio Lower Upper
45 100
43 49.8 40.6 60.8
87 26.9 23.0 34.6
59 10.6 9.0 13.4





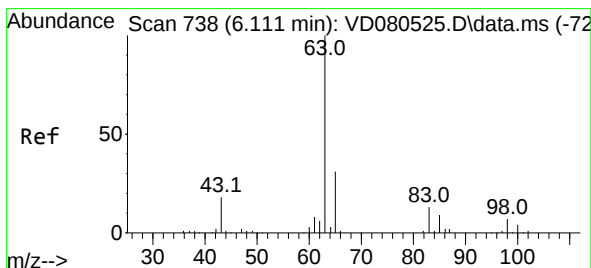
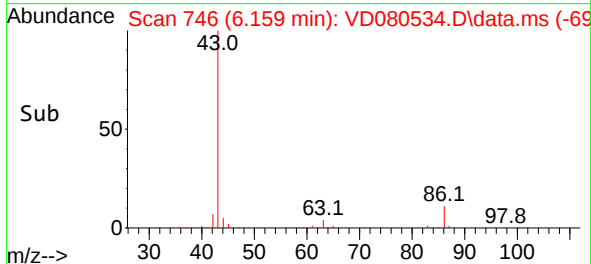
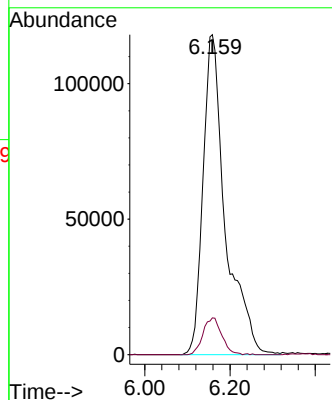
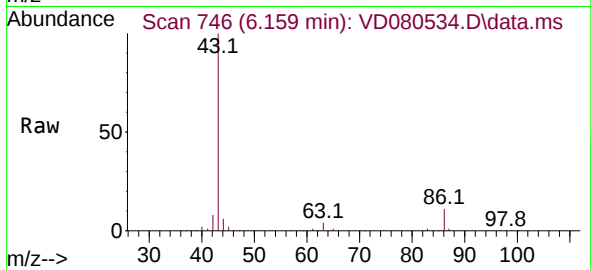
#23
 Vinyl Acetate
 Concen: 92.877 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080534.D
 Acq: 18 Nov 2025 11:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBSD01

Tgt Ion: 43 Resp: 42988
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.1 13.7

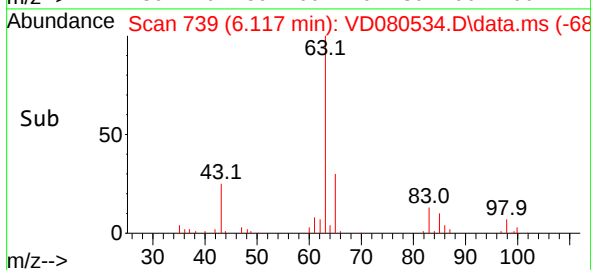
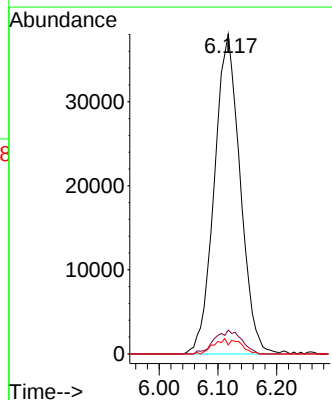
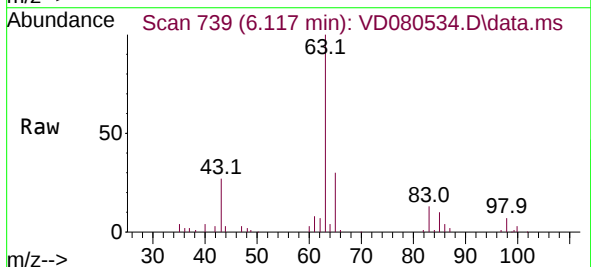
Manual Integrations
 APPROVED

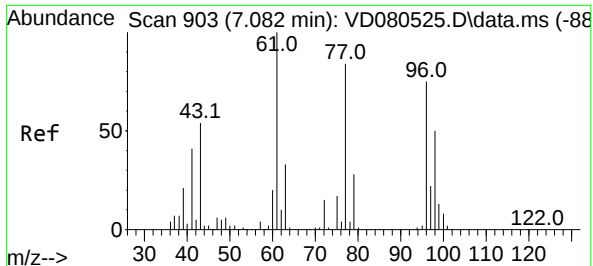
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#24
 1,1-Dichloroethane
 Concen: 19.092 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD080534.D
 Acq: 18 Nov 2025 11:29

Tgt Ion: 63 Resp: 116022
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 2.8 2.0 6.0





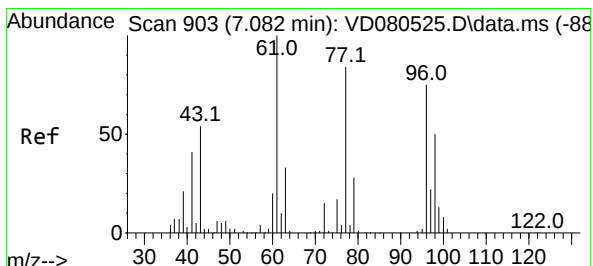
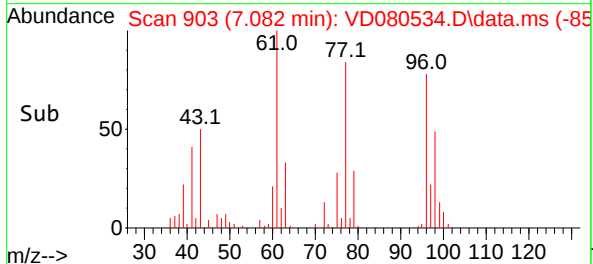
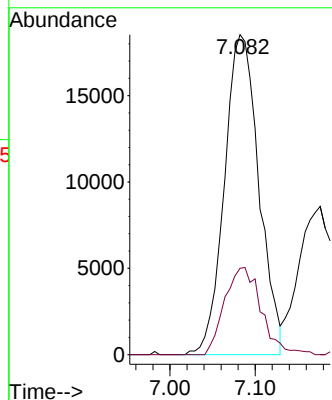
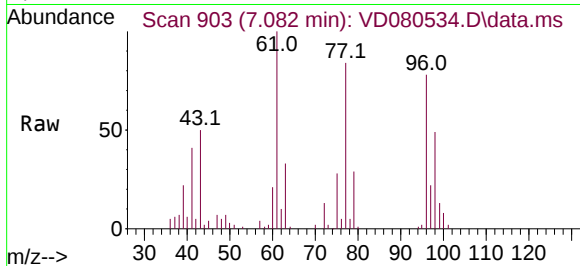
#25
2-Butanone
Concen: 92.669 ug/l
RT: 7.082 min Scan# 901
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01

Tgt Ion: 43 Resp: 52064
Ion Ratio Lower Upper
43 100
72 27.0 22.6 34.0

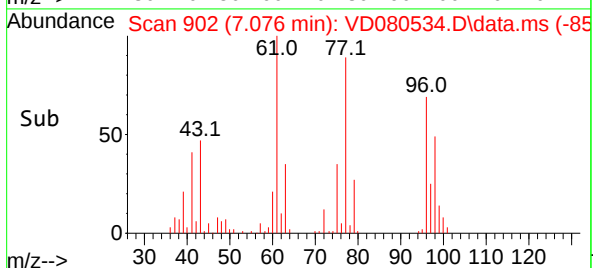
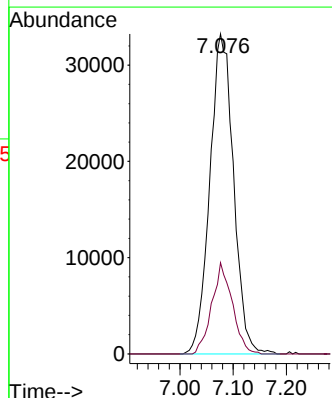
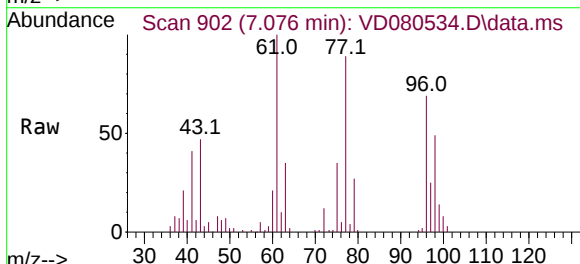
Manual Integrations
APPROVED

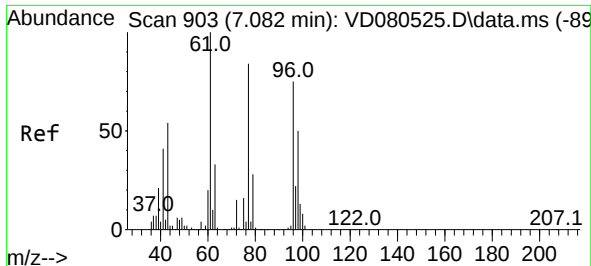
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#26
2,2-Dichloropropane
Concen: 19.639 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

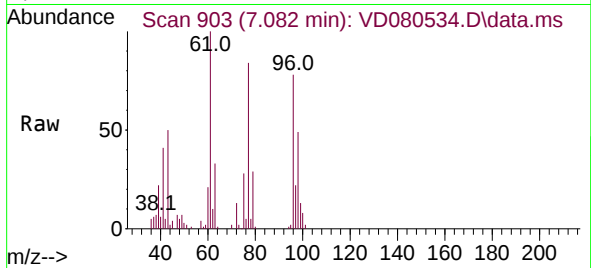
Tgt Ion: 77 Resp: 102647
Ion Ratio Lower Upper
77 100
97 24.6 12.4 37.4





#27
 cis-1,2-Dichloroethene
 Concen: 19.347 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VD080534.D
 Acq: 18 Nov 2025 11:29

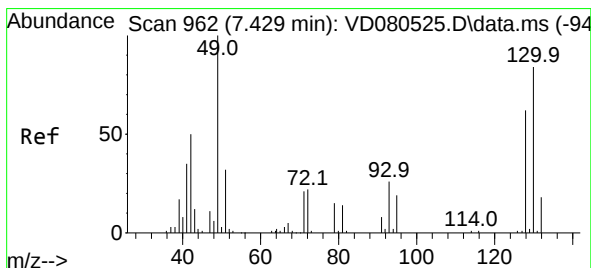
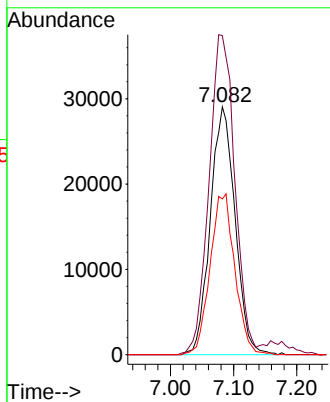
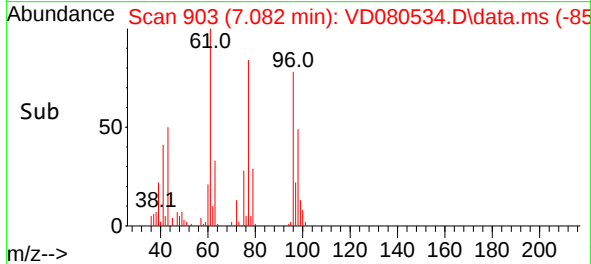
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBS01



Tgt Ion: 96 Resp: 79175
 Ion Ratio Lower Upper
 96 100
 61 134.9 0.0 271.8
 98 65.0 0.0 130.6

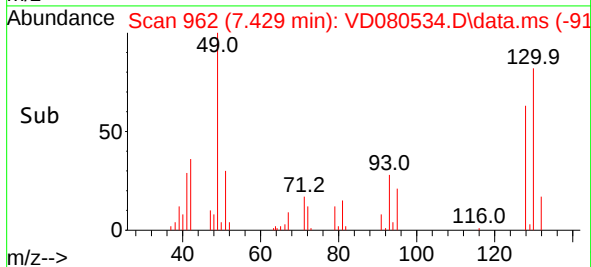
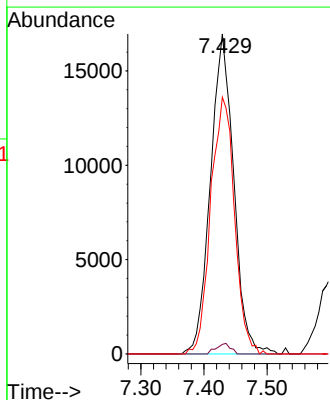
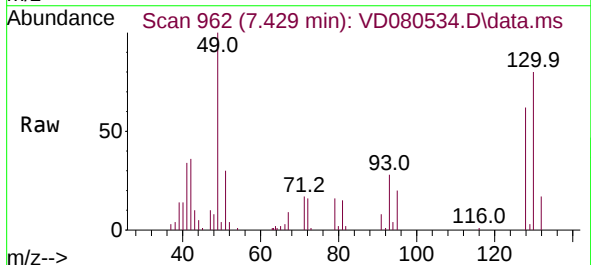
Manual Integrations
 APPROVED

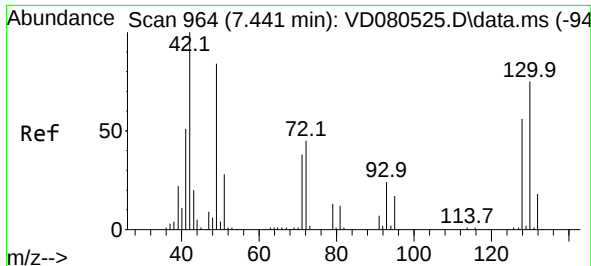
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#28
 Bromochloromethane
 Concen: 19.535 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.000 min
 Lab File: VD080534.D
 Acq: 18 Nov 2025 11:29

Tgt Ion: 49 Resp: 43446
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 81.7 64.3 96.5





#29

Tetrahydrofuran

Concen: 88.581 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

Tgt Ion: 42 Resp: 33156

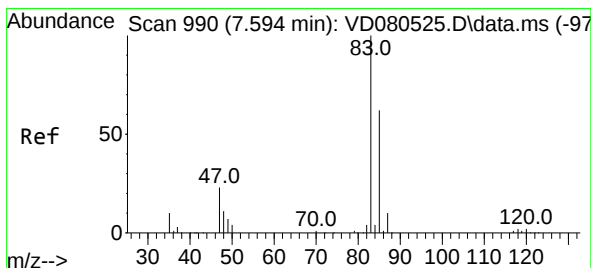
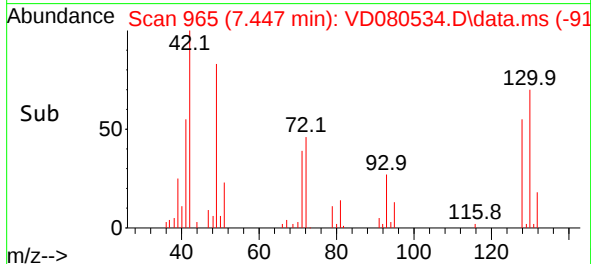
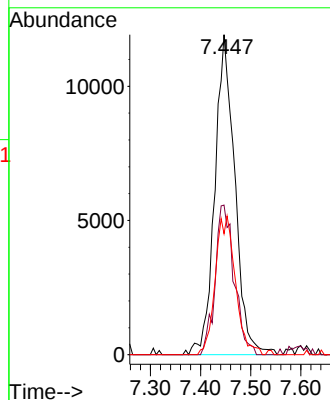
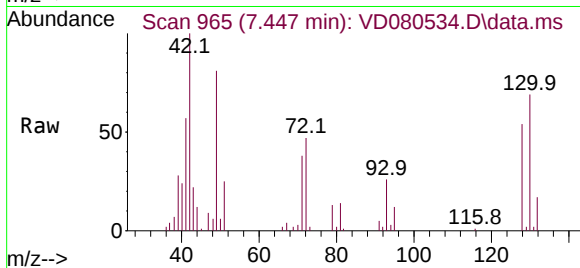
Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.4	53.2
71	43.5	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#30

Chloroform

Concen: 19.581 ug/l

RT: 7.594 min Scan# 990

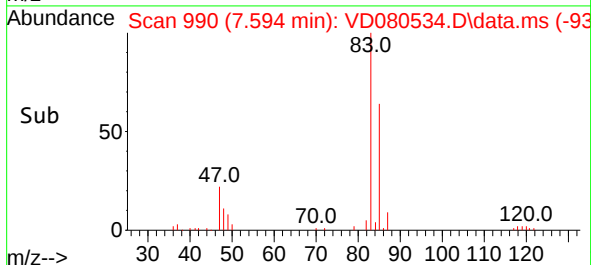
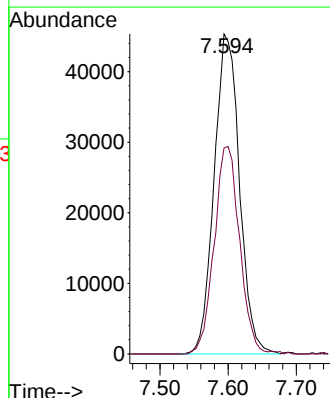
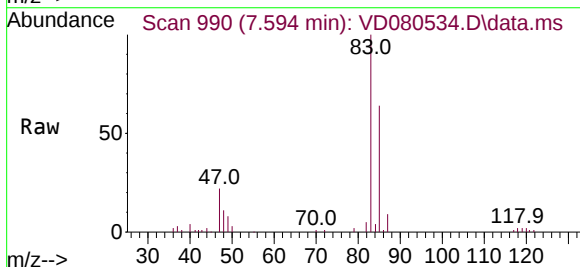
Delta R.T. 0.000 min

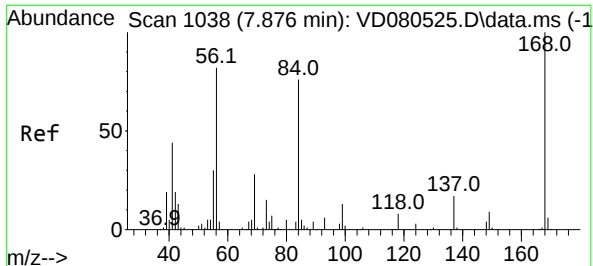
Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Tgt Ion: 83 Resp: 116688

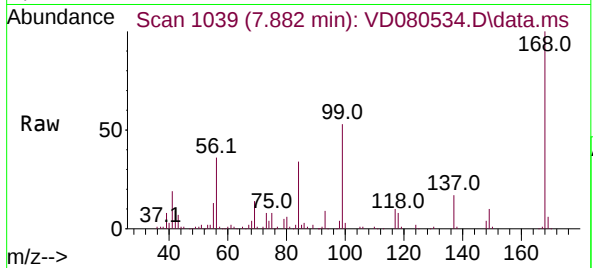
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.8	74.8





#31
Cyclohexane
Concen: 18.980 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

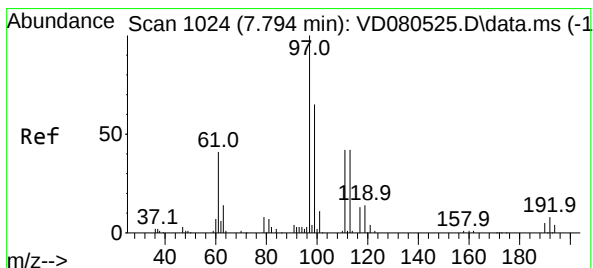
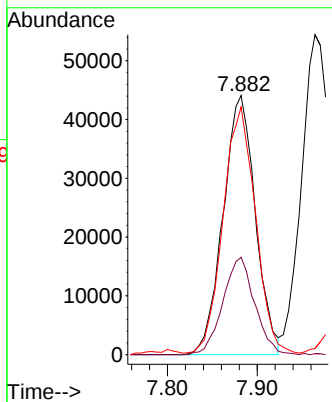
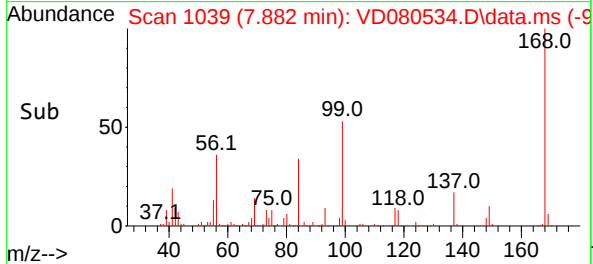
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01



Tgt Ion: 56 Resp: 110492
Ion Ratio Lower Upper
56 100
69 37.6 27.6 41.4
84 94.6 74.6 111.8

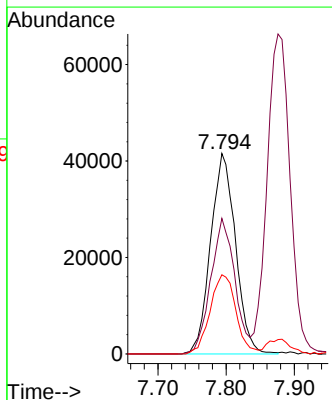
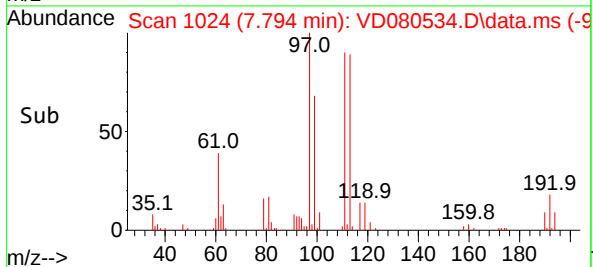
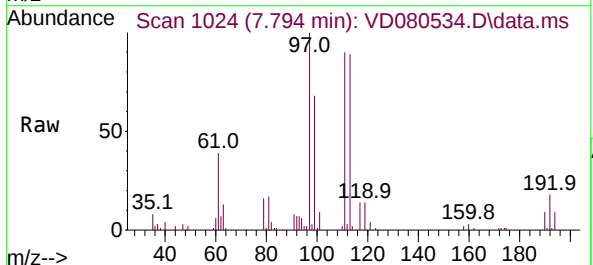
Manual Integrations
APPROVED

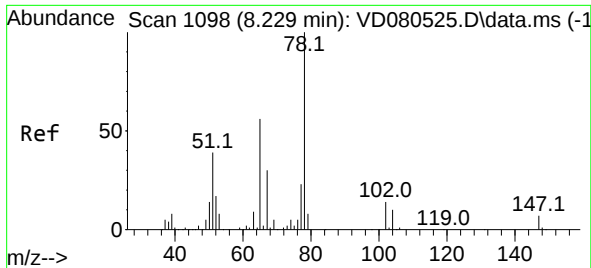
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#32
1,1,1-Trichloroethane
Concen: 20.075 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion: 97 Resp: 105097
Ion Ratio Lower Upper
97 100
99 65.4 50.4 75.6
61 40.9 32.8 49.2





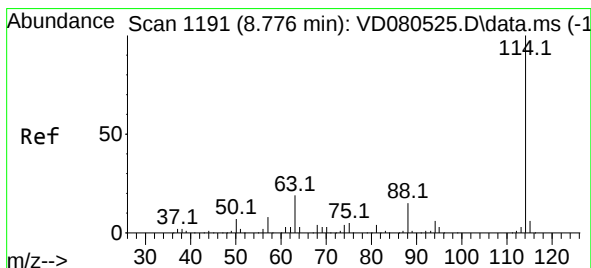
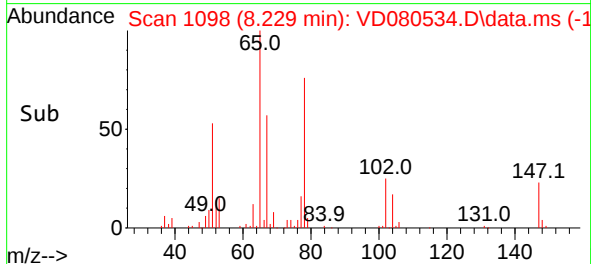
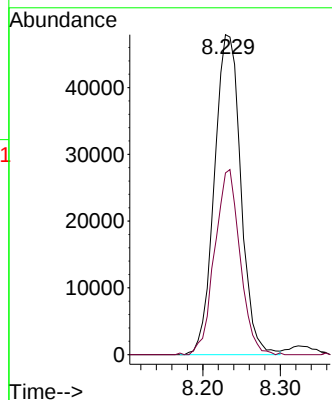
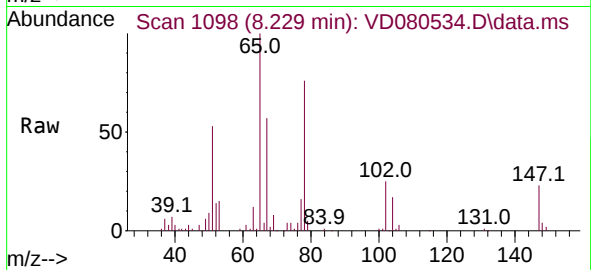
#33
1,2-Dichloroethane-d4
Concen: 46.280 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 65 Resp: 113429
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.6

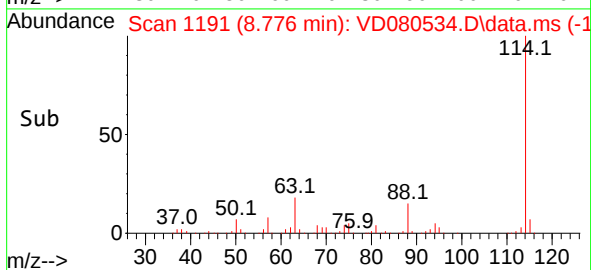
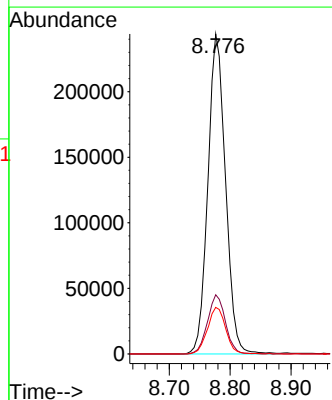
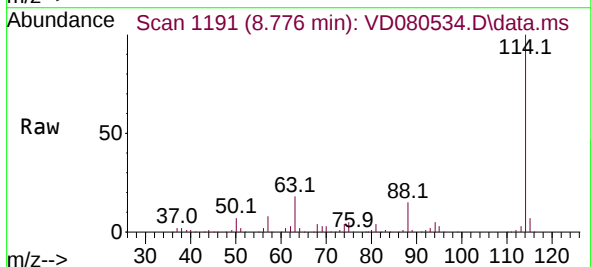
Manual Integrations
APPROVED

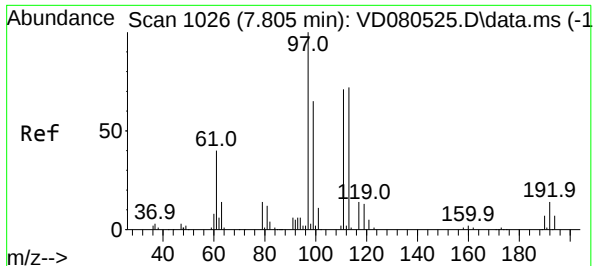
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.776 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion:114 Resp: 490191
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.2
88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 46.161 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

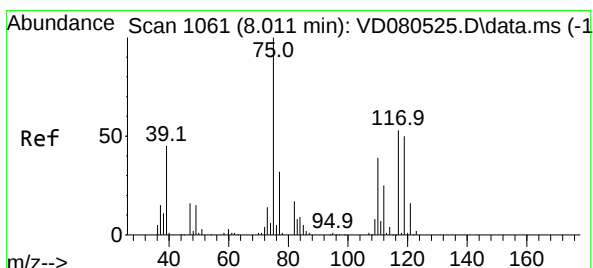
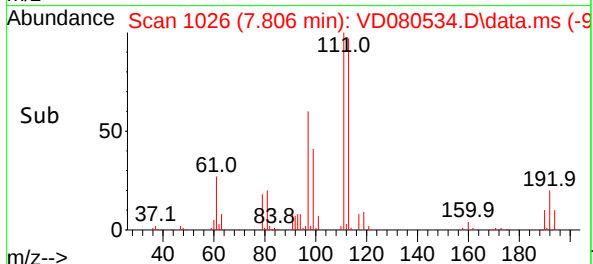
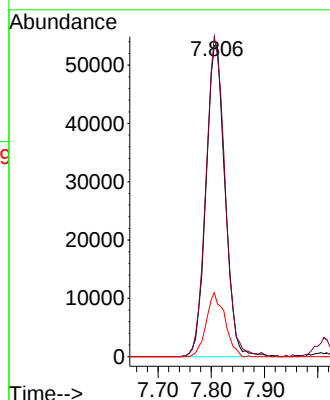
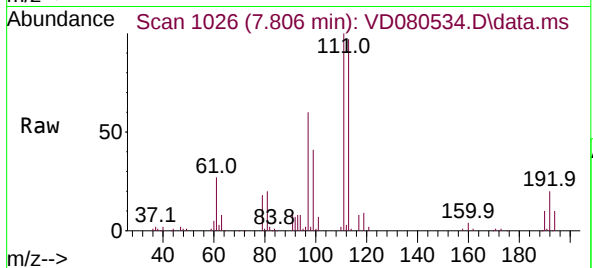
Tgt Ion:	113	Resp:	133215
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.2	123.2
192	20.0	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#36

1,1-Dichloropropene

Concen: 20.224 ug/l

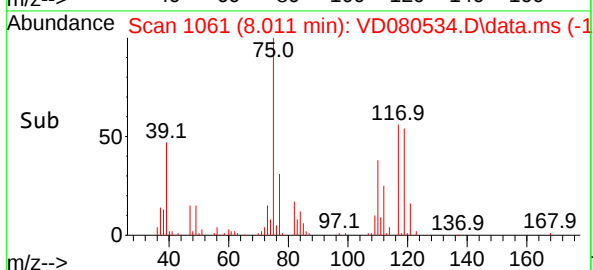
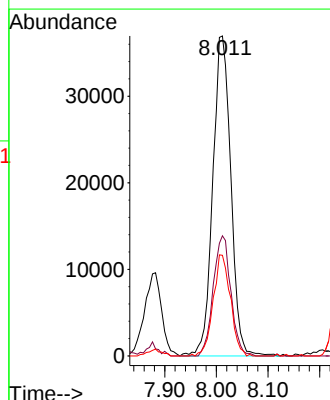
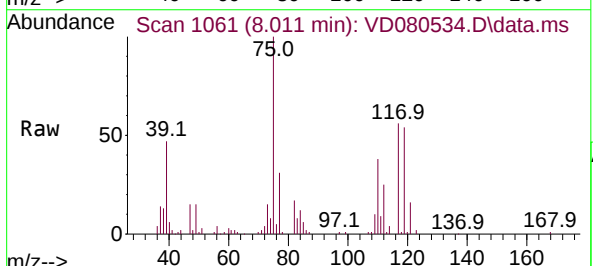
RT: 8.011 min Scan# 1061

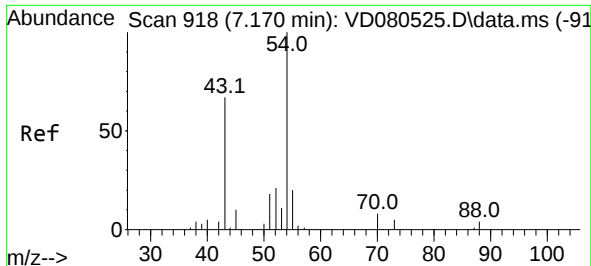
Delta R.T. 0.000 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Tgt Ion:	75	Resp:	90220
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.9	56.5
77	30.2	25.8	38.8





#37

Ethyl Acetate

Concen: 17.622 ug/l

RT: 7.176 min Scan# 918

Delta R.T. 0.006 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

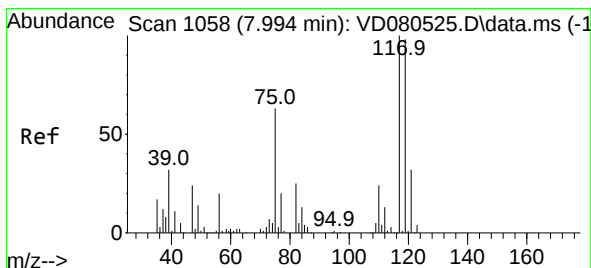
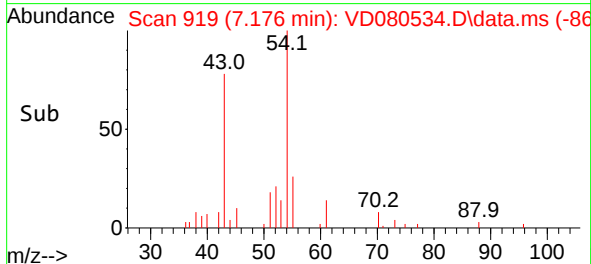
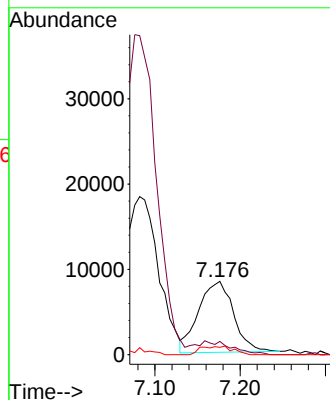
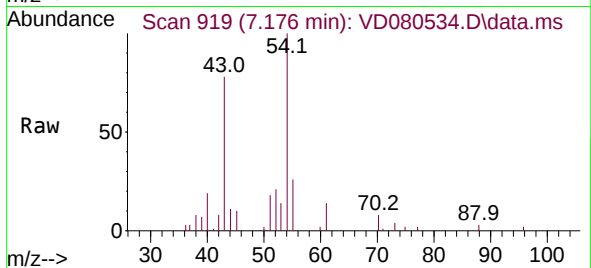
Tgt Ion: 43	Resp: 23779
Ion Ratio	Lower Upper
43 100	
61 0.0	11.9 17.9
70 0.0	8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#38

Carbon Tetrachloride

Concen: 20.434 ug/l

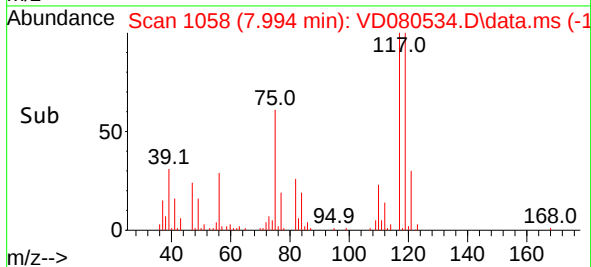
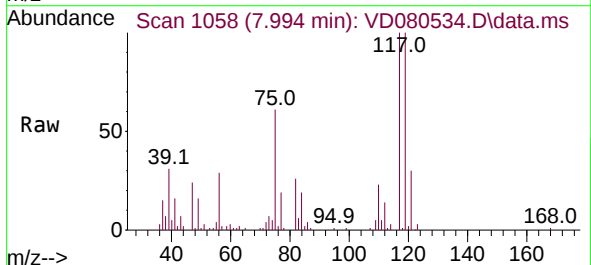
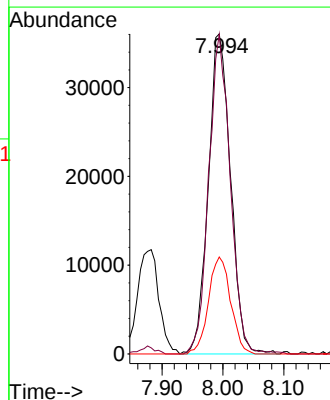
RT: 7.994 min Scan# 1058

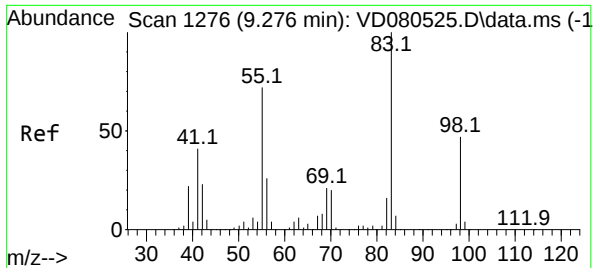
Delta R.T. 0.000 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

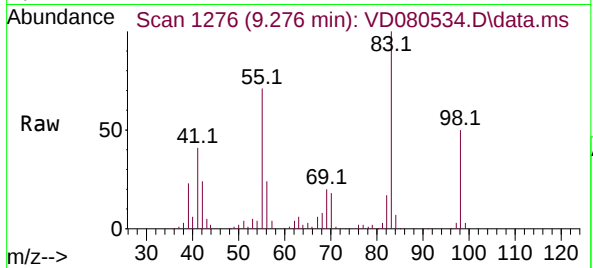
Tgt Ion:117	Resp: 91603
Ion Ratio	Lower Upper
117 100	
119 99.8	78.2 117.4
121 30.3	25.8 38.6





#39
Methylcyclohexane
Concen: 19.910 ug/l
RT: 9.276 min Scan# 11719
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

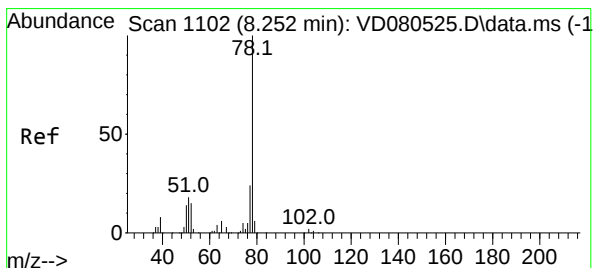
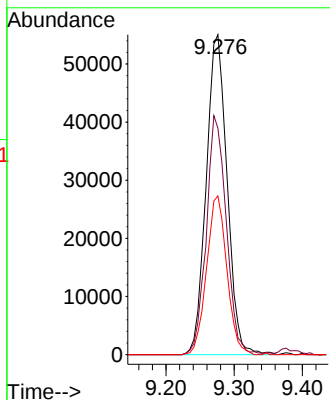
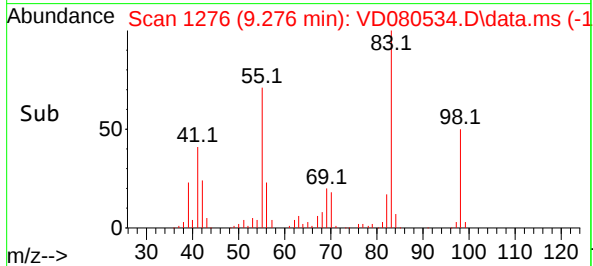
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



Tgt Ion: 83 Resp: 11719
Ion Ratio Lower Upper
83 100
55 70.8 57.8 86.8
98 49.6 37.8 56.8

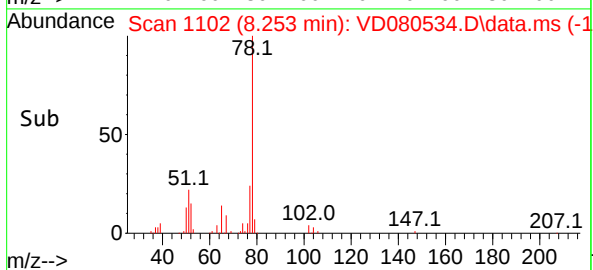
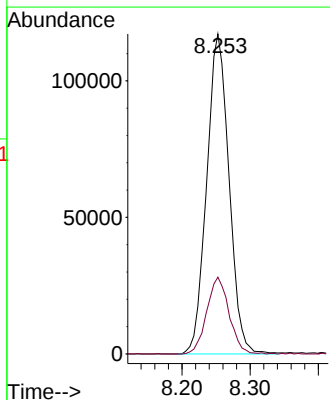
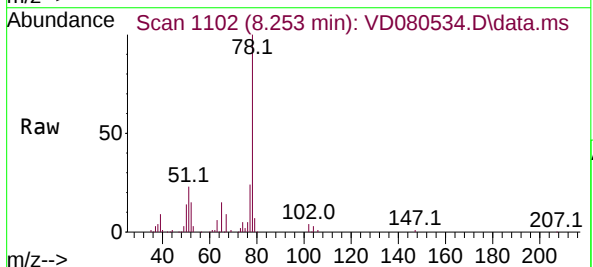
Manual Integrations
APPROVED

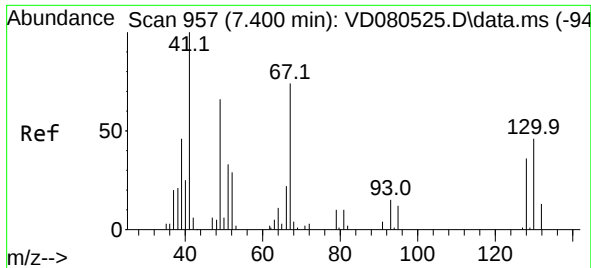
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#40
Benzene
Concen: 19.263 ug/l
RT: 8.253 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

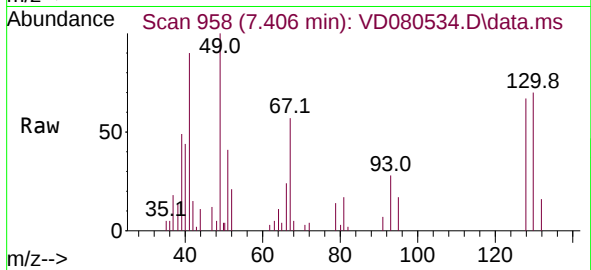
Tgt Ion: 78 Resp: 266087
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 17.000 ug/l
RT: 7.406 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

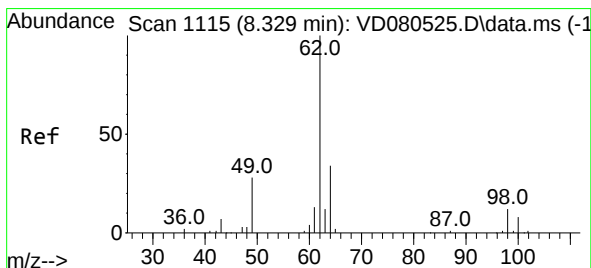
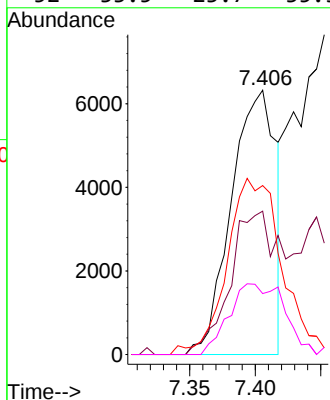
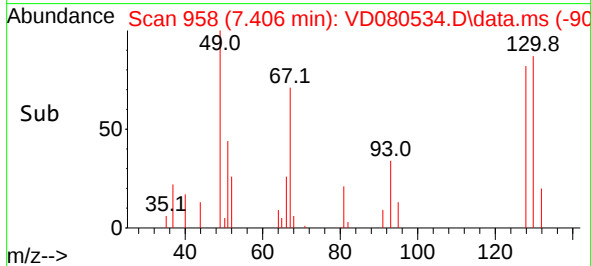
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



Tgt Ion: 41 Resp: 14986
Ion Ratio Lower Upper
41 100
39 59.7 44.3 66.5
67 81.7 64.0 96.0
52 33.5 23.7 35.5

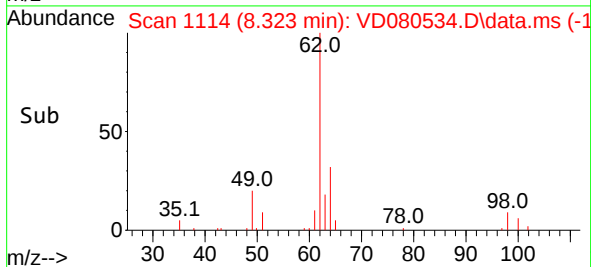
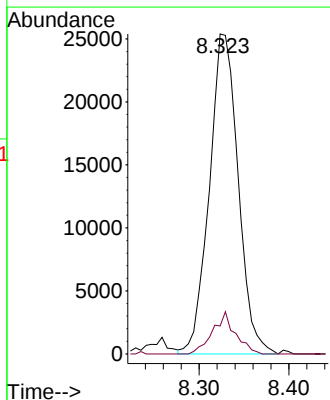
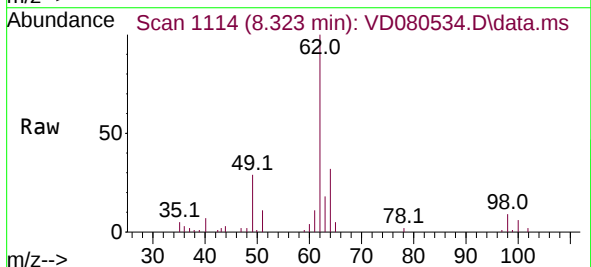
Manual Integrations
APPROVED

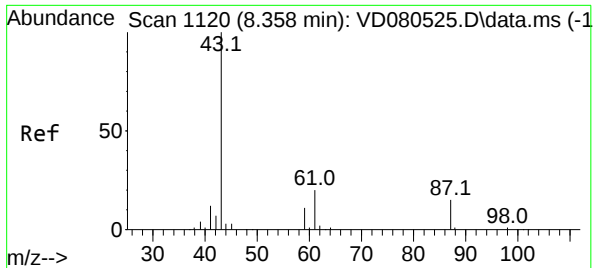
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#42
1,2-Dichloroethane
Concen: 19.736 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion: 62 Resp: 56898
Ion Ratio Lower Upper
62 100
98 10.2 0.0 22.8





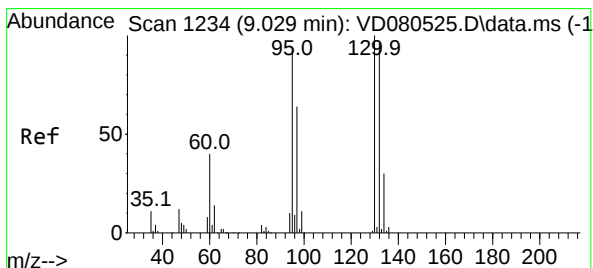
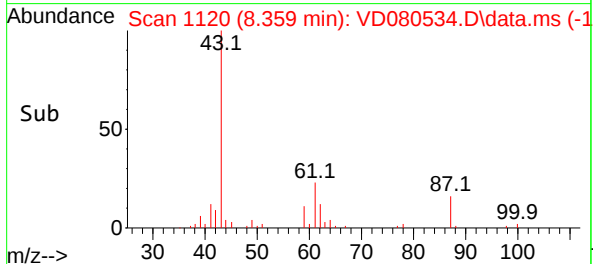
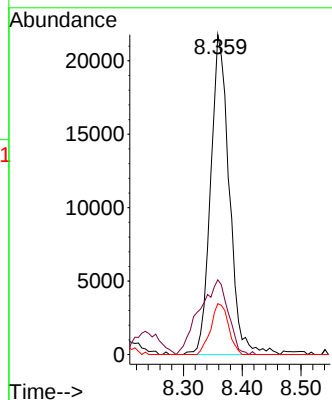
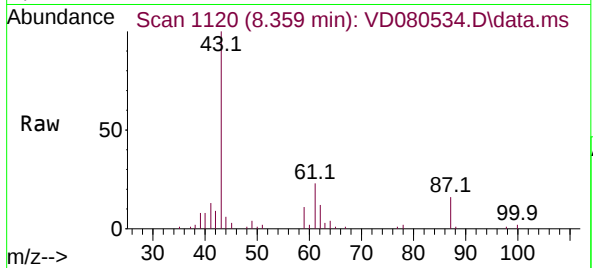
#43
Isopropyl Acetate
Concen: 18.137 ug/l
RT: 8.359 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 43 Resp: 48006
Ion Ratio Lower Upper
43 100
61 36.0 26.3 39.5
87 15.1 11.1 16.7

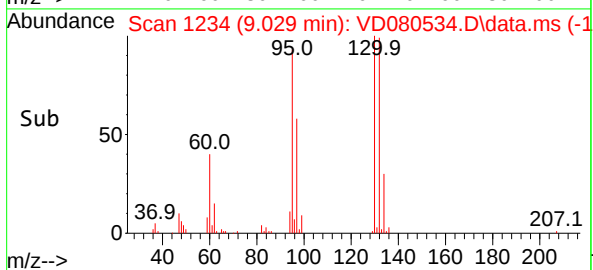
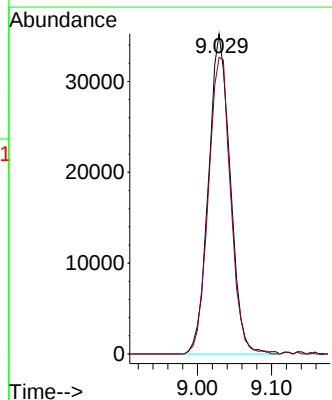
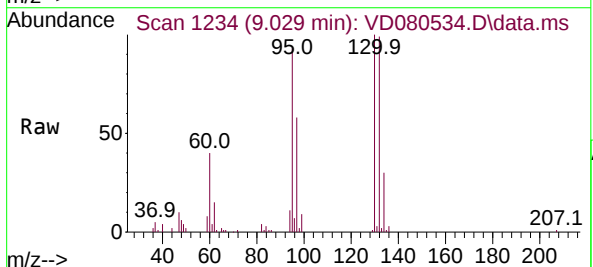
Manual Integrations
APPROVED

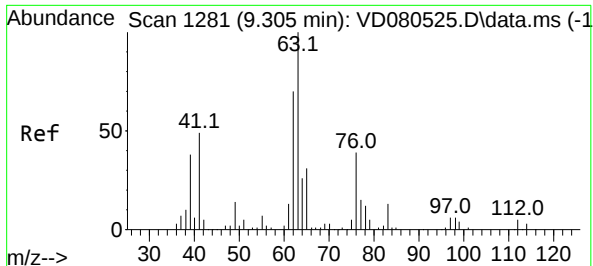
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#44
Trichloroethene
Concen: 20.545 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion:130 Resp: 71742
Ion Ratio Lower Upper
130 100
95 92.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 18.854 ug/l

RT: 9.306 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBSD01

Tgt Ion: 63 Resp: 59628

Ion Ratio Lower Upper

63 100

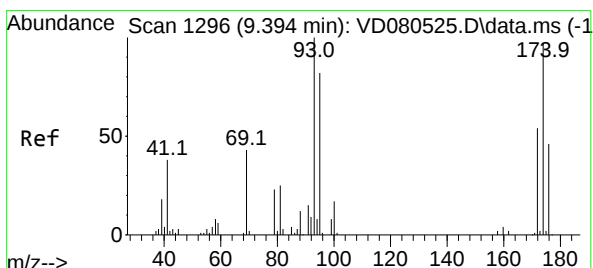
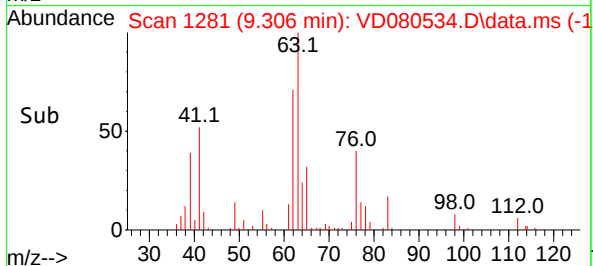
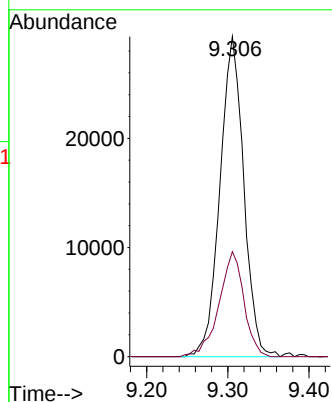
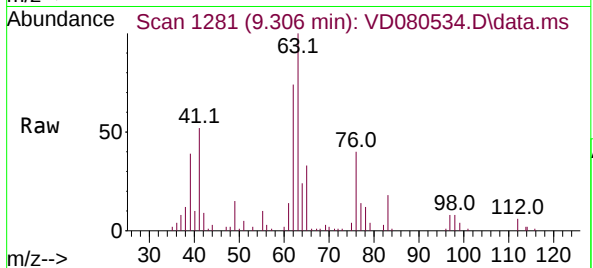
65 32.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#46

Dibromomethane

Concen: 19.540 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

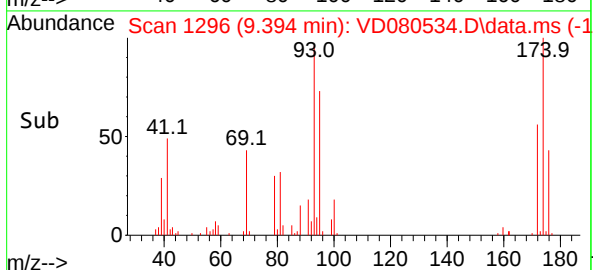
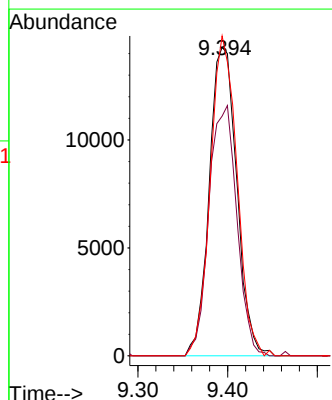
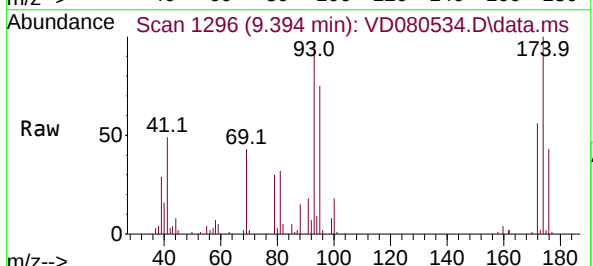
Tgt Ion: 93 Resp: 30482

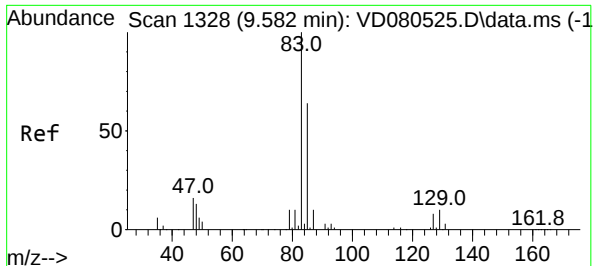
Ion Ratio Lower Upper

93 100

95 82.2 68.2 102.2

174 100.2 79.5 119.3





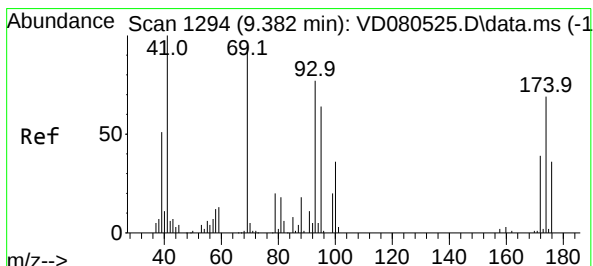
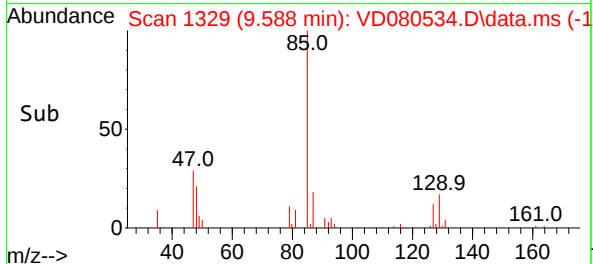
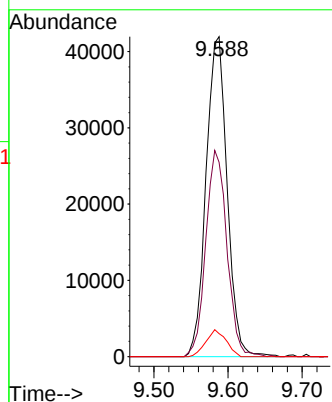
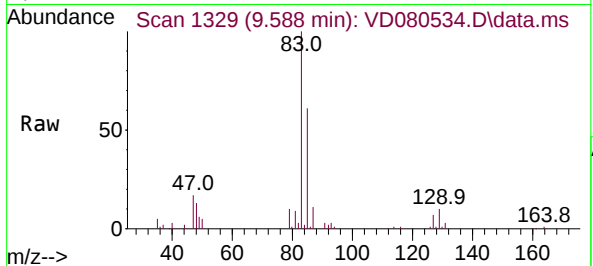
#47
Bromodichloromethane
Concen: 19.664 ug/l
RT: 9.588 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 83 Resp: 82844
Ion Ratio Lower Upper
83 100
85 60.7 51.0 76.6
127 7.2 6.5 9.7

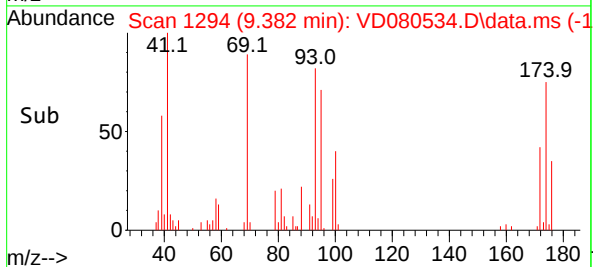
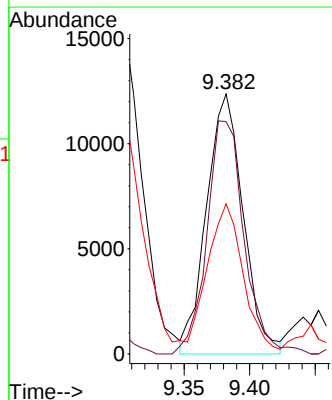
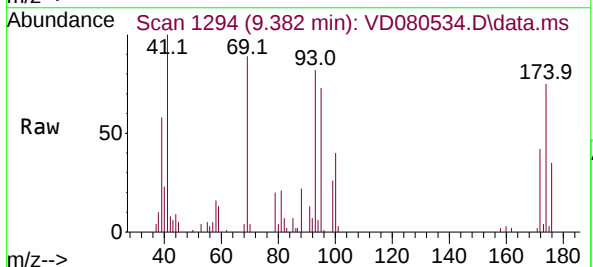
Manual Integrations
APPROVED

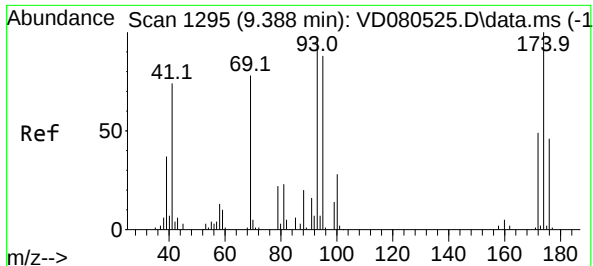
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#48
Methyl methacrylate
Concen: 18.310 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion: 41 Resp: 24058
Ion Ratio Lower Upper
41 100
69 90.9 74.5 111.7
39 52.9 40.6 61.0





#49

1,4-Dioxane

Concen: 384.129 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

Tgt Ion: 88 Resp: 5586

Ion Ratio Lower Upper

88 100

43 31.9 28.0 42.0

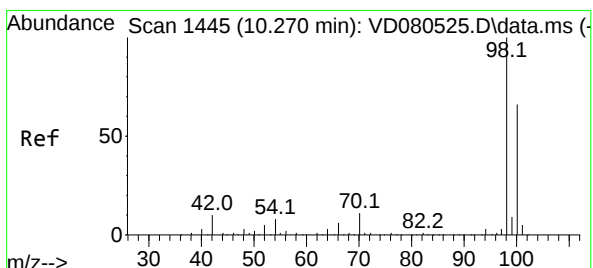
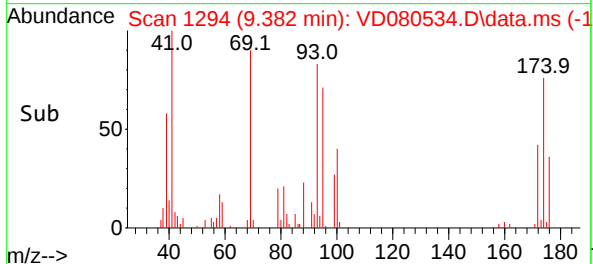
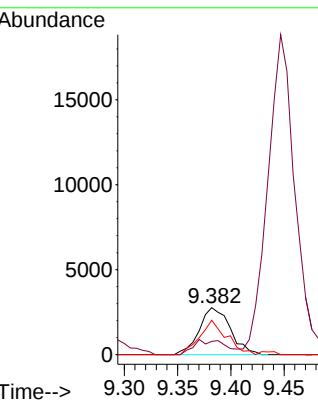
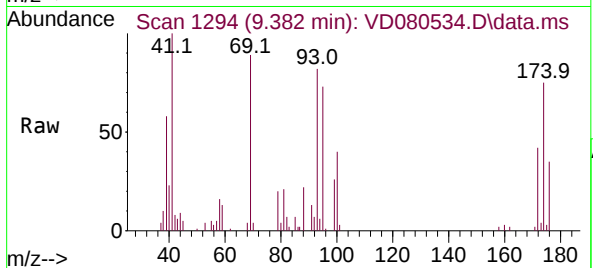
58 63.0 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#50

Toluene-d8

Concen: 46.660 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080534.D

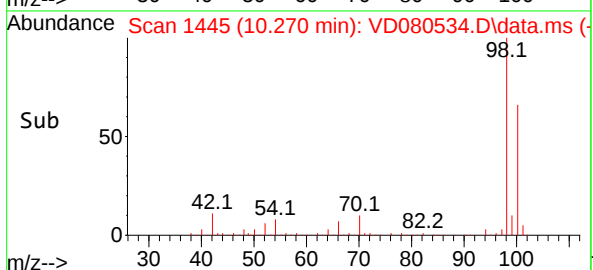
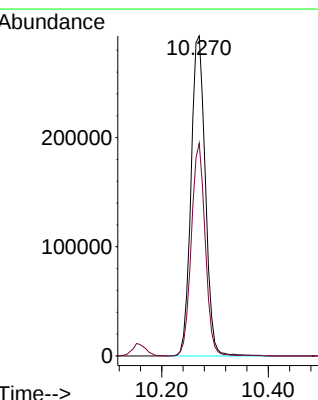
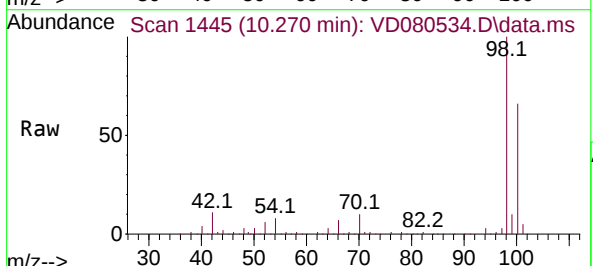
Acq: 18 Nov 2025 11:29

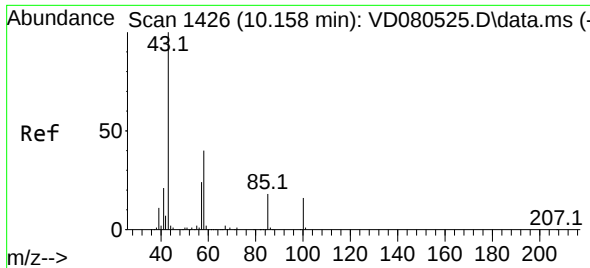
Tgt Ion: 98 Resp: 544735

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0





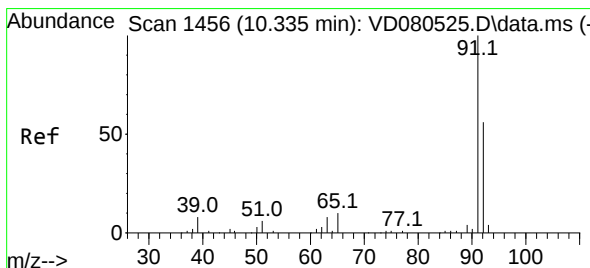
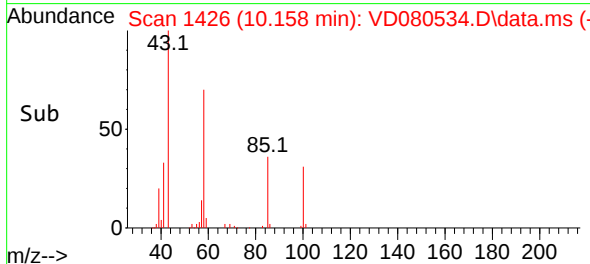
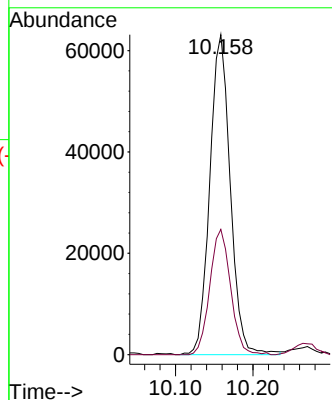
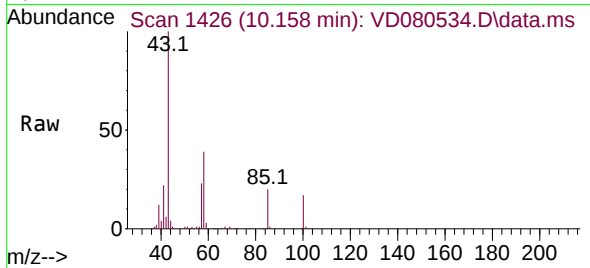
#51
4-Methyl-2-Pentanone
Concen: 94.338 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01

Tgt Ion: 43 Resp: 115859
Ion Ratio Lower Upper
43 100
58 39.6 32.8 49.2

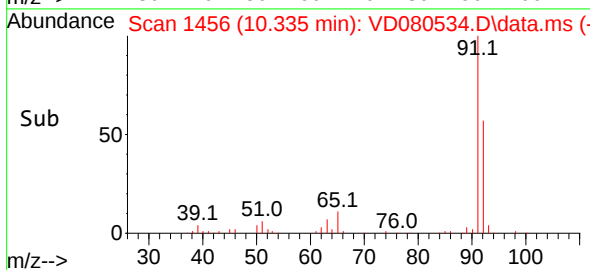
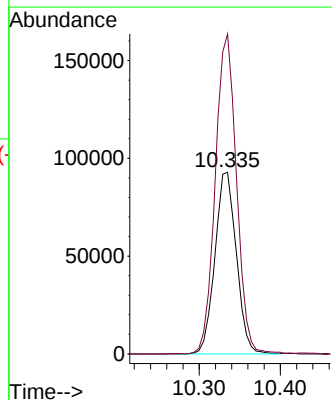
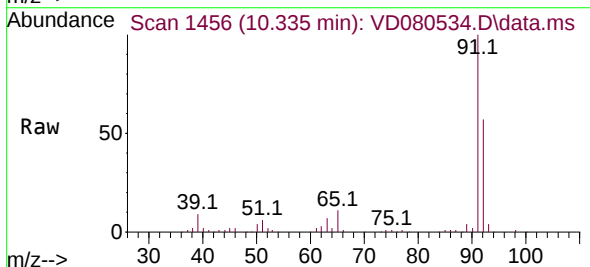
Manual Integrations
APPROVED

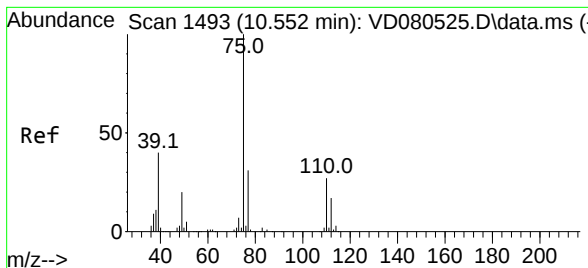
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#52
Toluene
Concen: 19.499 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion: 92 Resp: 170342
Ion Ratio Lower Upper
92 100
91 174.4 137.0 205.6





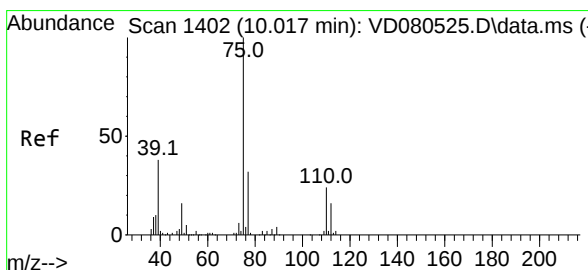
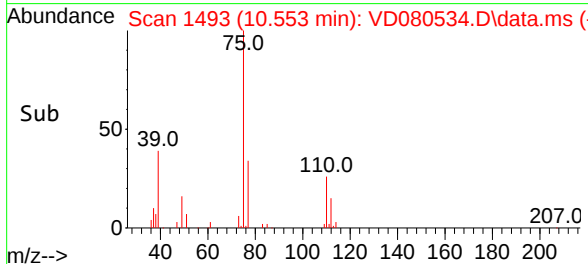
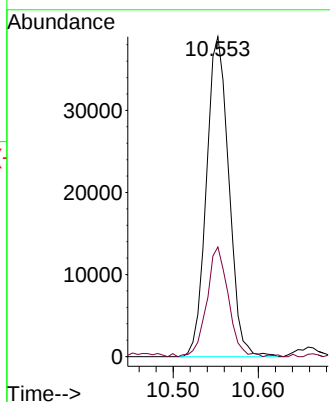
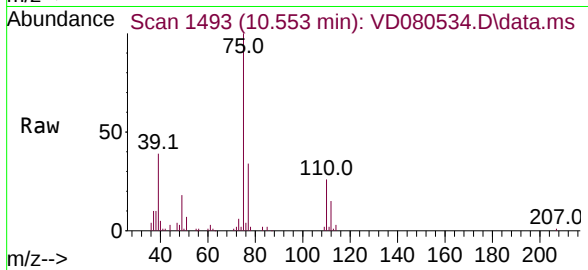
#53
t-1,3-Dichloropropene
Concen: 19.086 ug/l
RT: 10.553 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 75 Resp: 71255
Ion Ratio Lower Upper
75 100
77 34.3 24.7 37.1

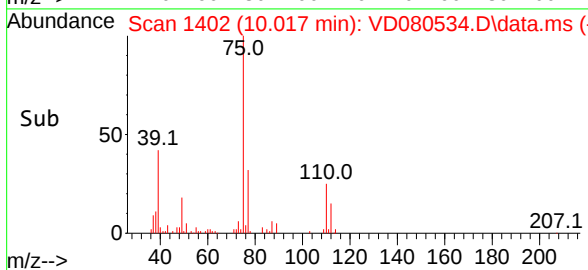
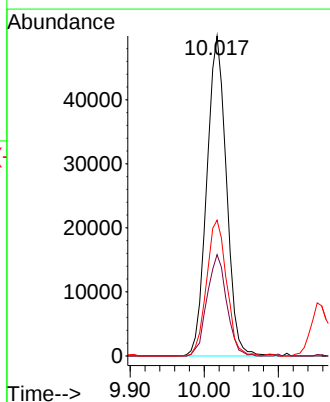
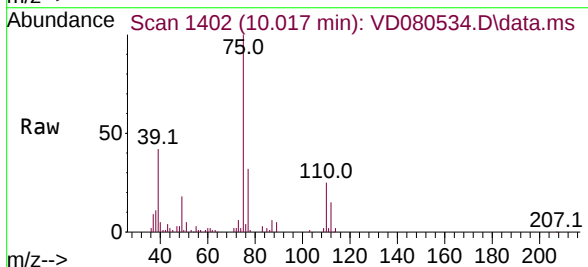
Manual Integrations
APPROVED

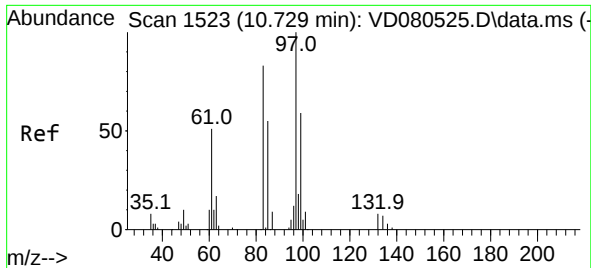
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#54
cis-1,3-Dichloropropene
Concen: 19.037 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion: 75 Resp: 91662
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 42.5 30.7 46.1





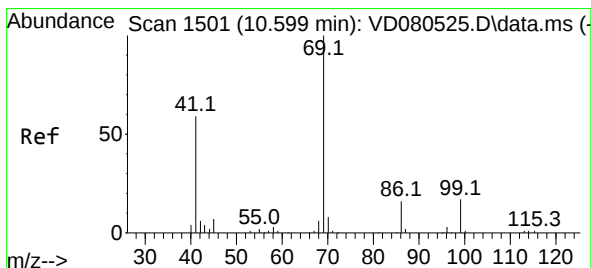
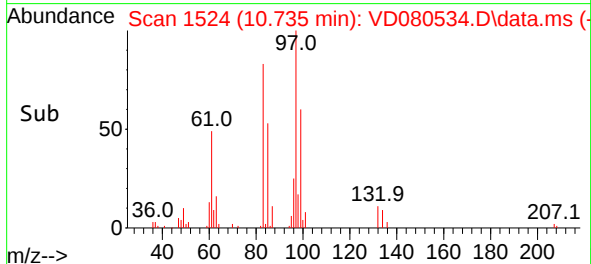
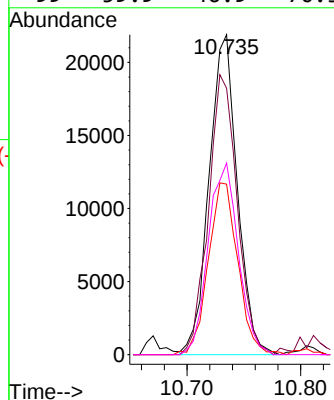
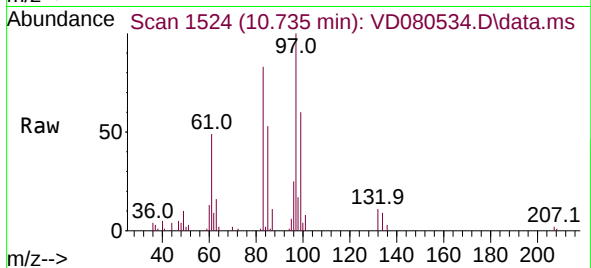
#55
1,1,2-Trichloroethane
Concen: 18.923 ug/l
RT: 10.735 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01

Tgt Ion: 97	Resp: 37764
Ion Ratio	Lower Upper
97 100	
83 83.2	66.3 99.5
85 52.6	43.8 65.8
99 59.9	46.9 70.3

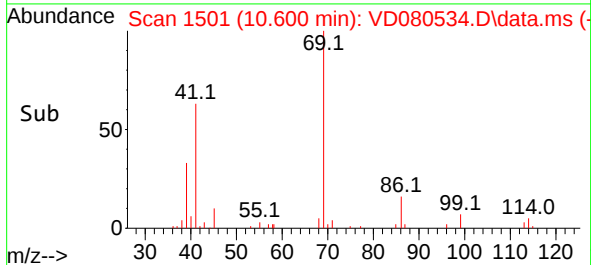
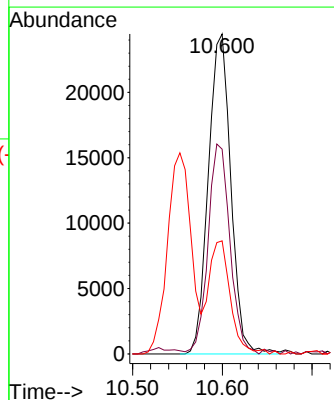
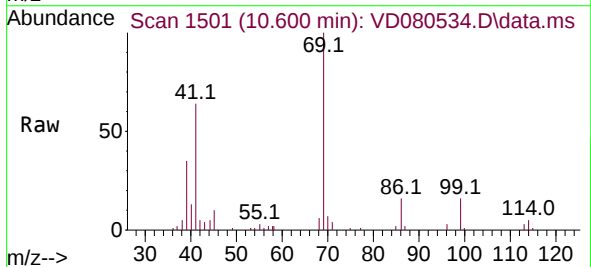
Manual Integrations
APPROVED

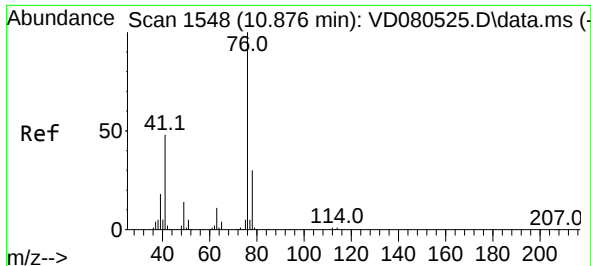
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#56
Ethyl methacrylate
Concen: 18.522 ug/l
RT: 10.600 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

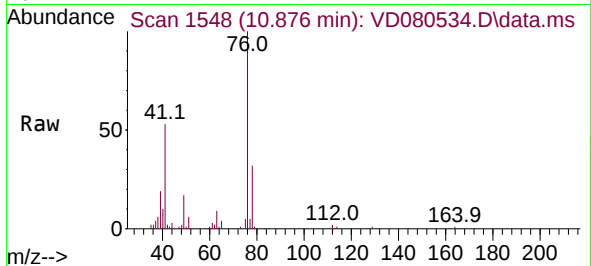
Tgt Ion: 69	Resp: 42651
Ion Ratio	Lower Upper
69 100	
41 63.8	49.6 74.4
39 33.9	23.5 35.3





#57
1,3-Dichloropropane
Concen: 18.596 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

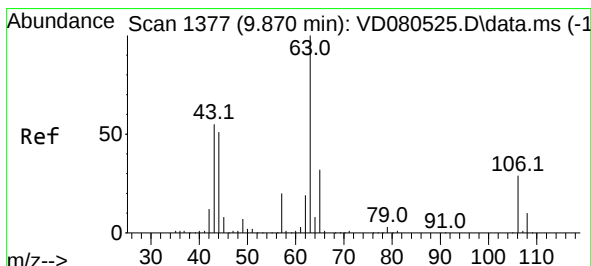
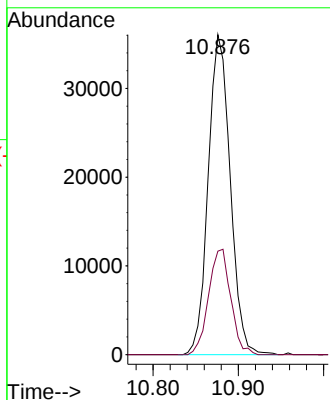
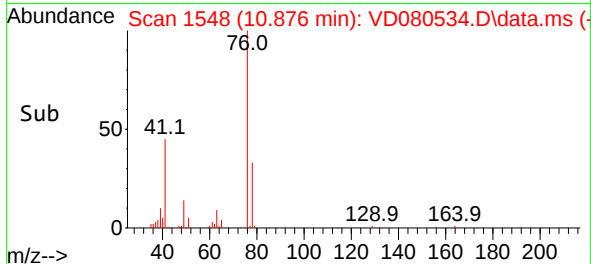
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



Tgt Ion: 76 Resp: 64716
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.8

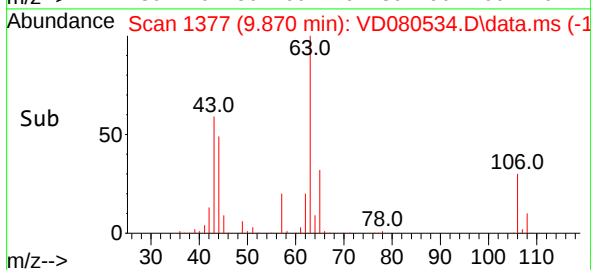
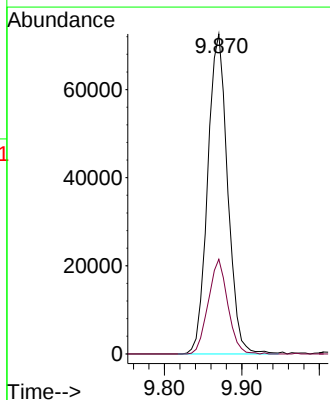
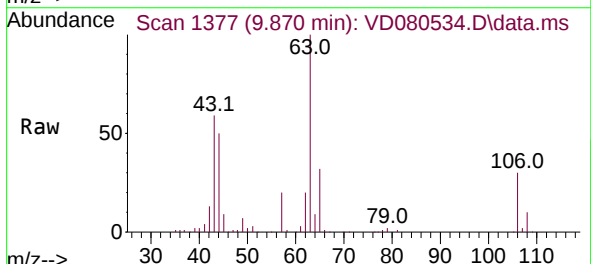
Manual Integrations
APPROVED

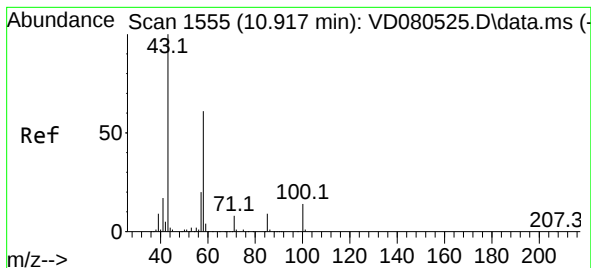
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 100.747 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

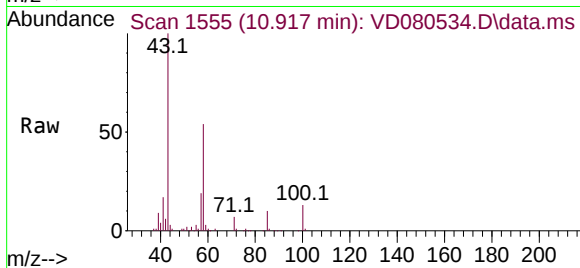
Tgt Ion: 63 Resp: 130170
Ion Ratio Lower Upper
63 100
106 28.9 22.6 33.8





#59
2-Hexanone
Concen: 94.858 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

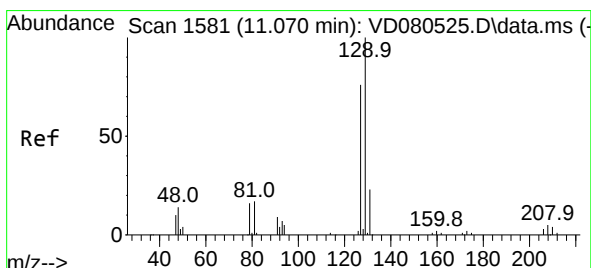
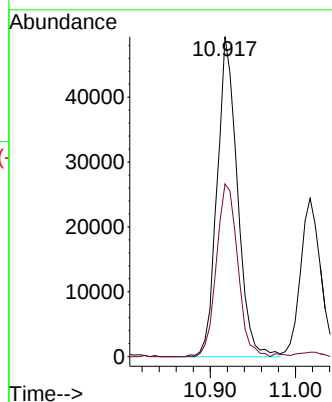
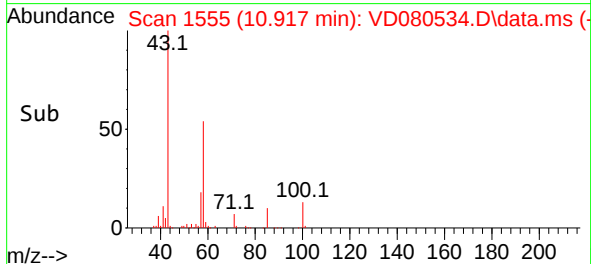
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01



Tgt Ion: 43 Resp: 81440
Ion Ratio Lower Upper
43 100
58 56.6 29.6 88.9

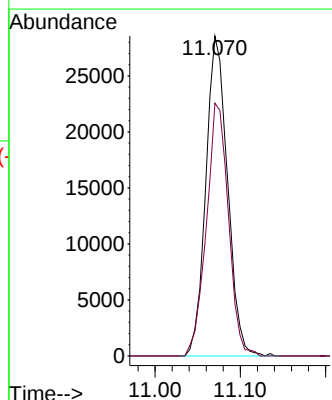
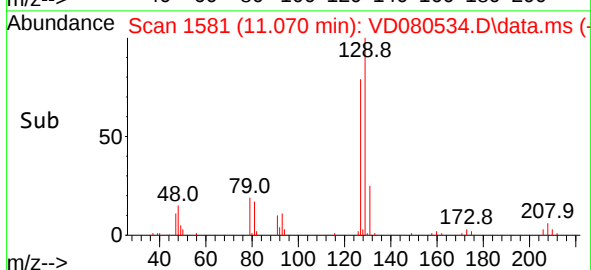
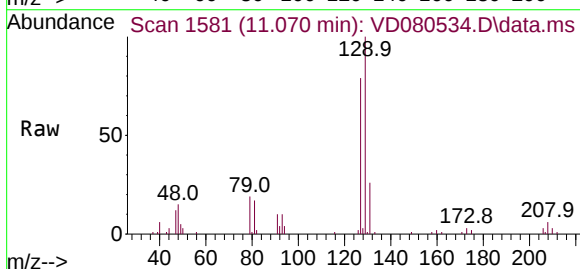
Manual Integrations
APPROVED

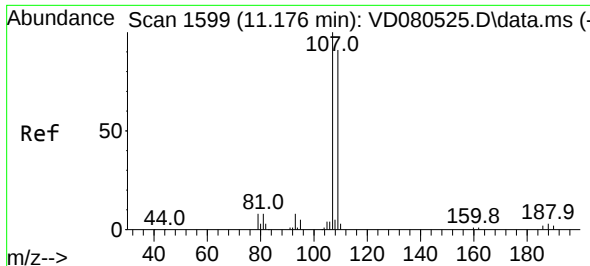
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#60
Dibromochloromethane
Concen: 19.038 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion:129 Resp: 50485
Ion Ratio Lower Upper
129 100
127 80.2 38.3 114.9





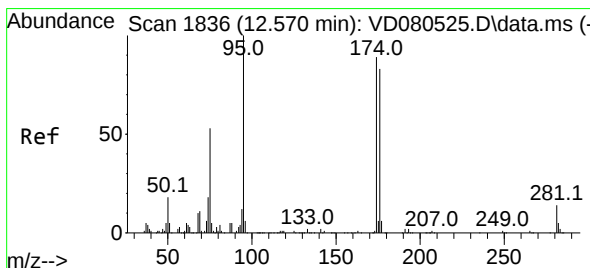
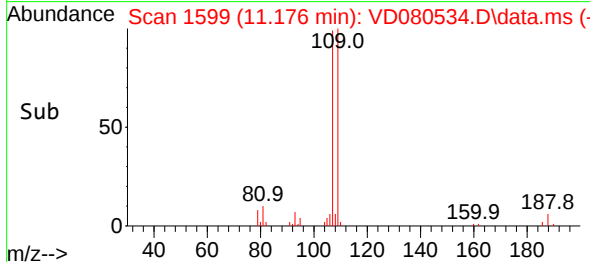
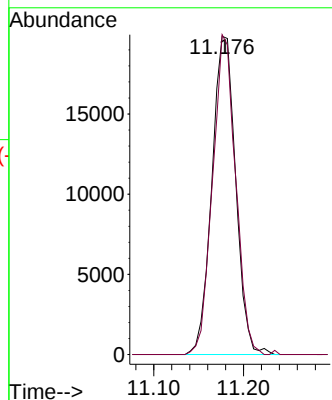
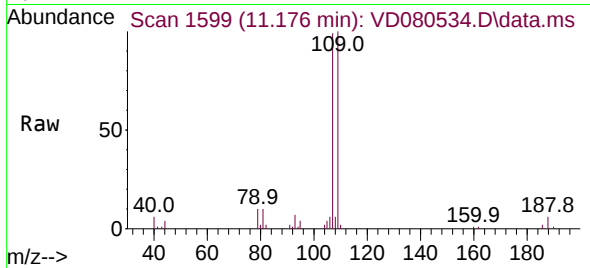
#61
1,2-Dibromoethane
Concen: 19.082 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01

Tgt Ion:107 Resp: 36630
Ion Ratio Lower Upper
107 100
109 97.2 74.2 111.4

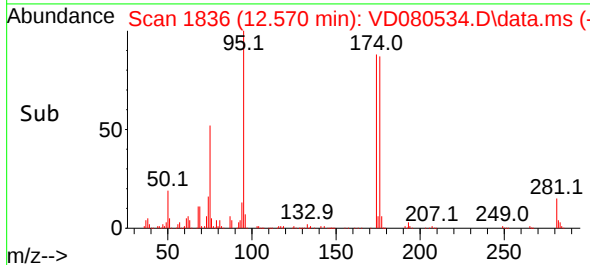
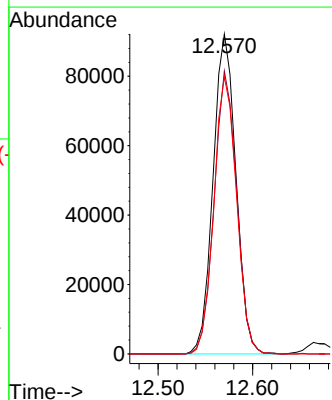
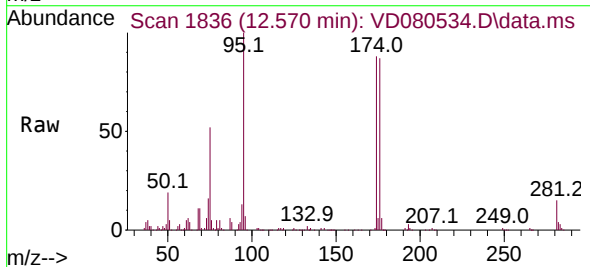
Manual Integrations
APPROVED

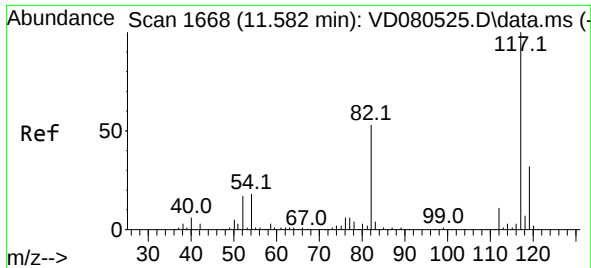
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#62
4-Bromofluorobenzene
Concen: 46.082 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

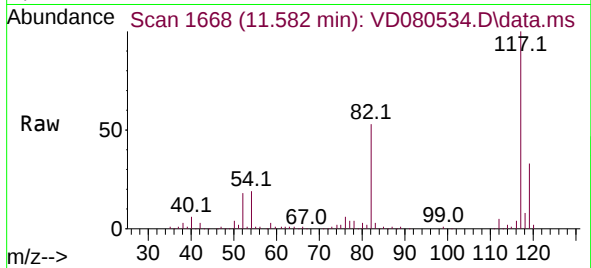
Tgt Ion: 95 Resp: 154665
Ion Ratio Lower Upper
95 100
174 86.9 0.0 179.4
176 86.0 0.0 168.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

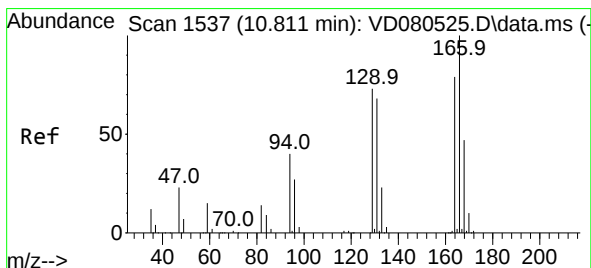
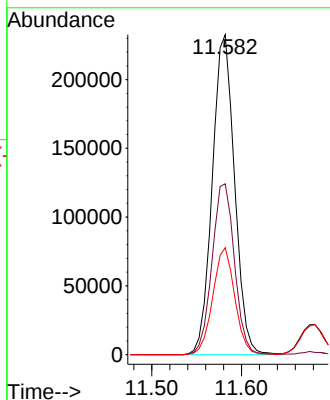
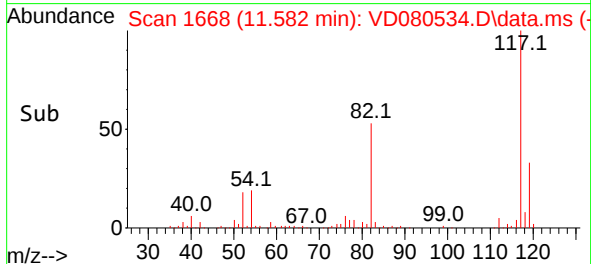
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



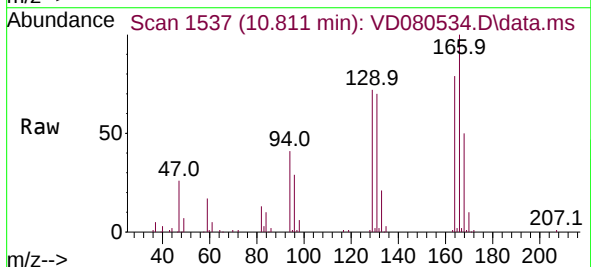
Tgt Ion:117 Resp: 403206
Ion Ratio Lower Upper
117 100
82 53.4 42.1 63.1
119 33.4 25.4 38.2

Manual Integrations
APPROVED

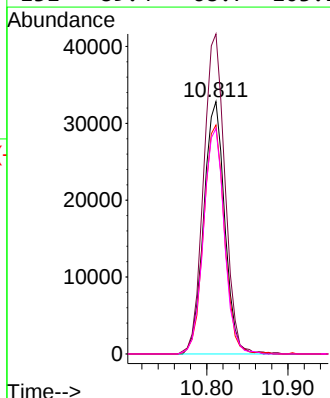
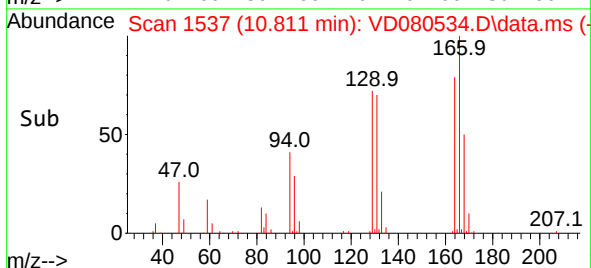
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

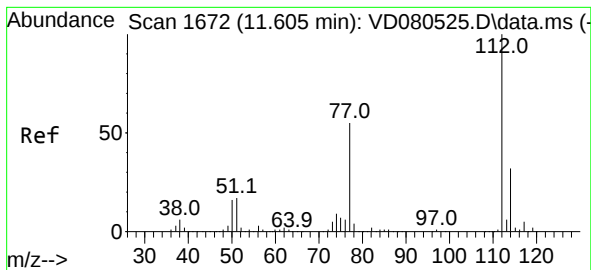


#64
Tetrachloroethene
Concen: 20.276 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29



Tgt Ion:164 Resp: 58806
Ion Ratio Lower Upper
164 100
166 126.9 101.2 151.8
129 90.8 74.0 111.0
131 89.4 68.7 103.1





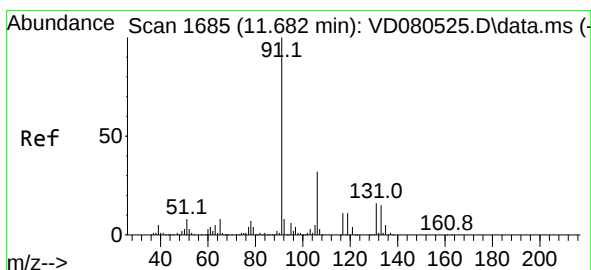
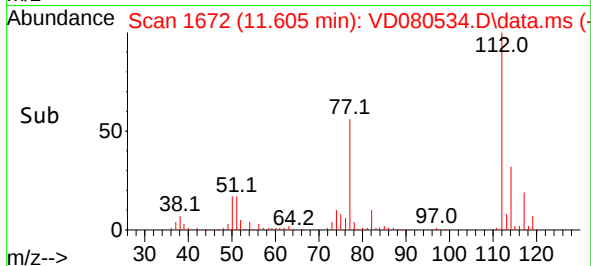
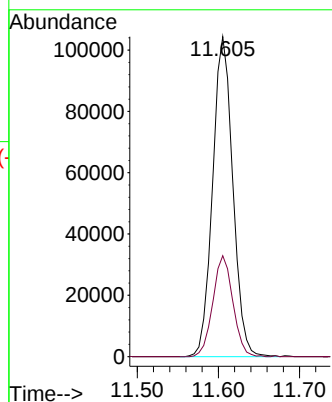
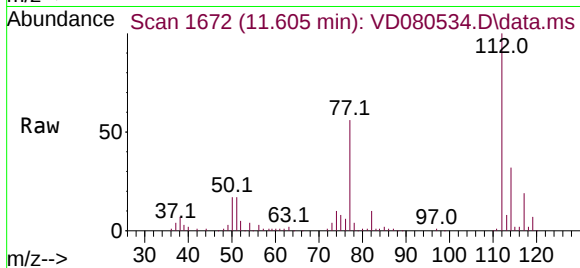
#65
Chlorobenzene
Concen: 20.090 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01

Tgt Ion:112 Resp: 180383
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

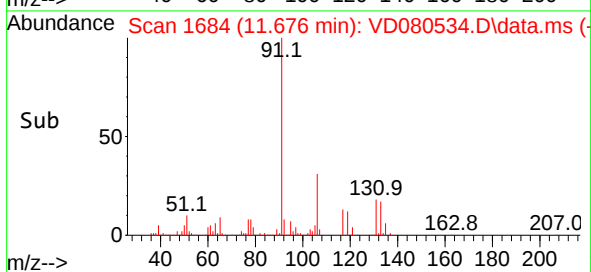
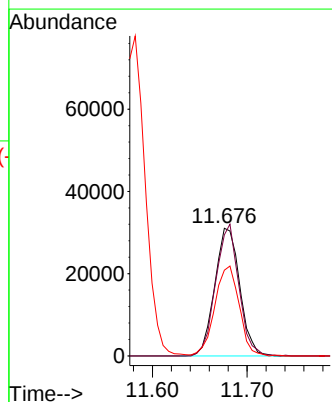
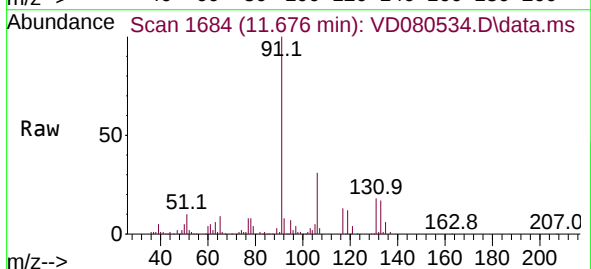
Manual Integrations
APPROVED

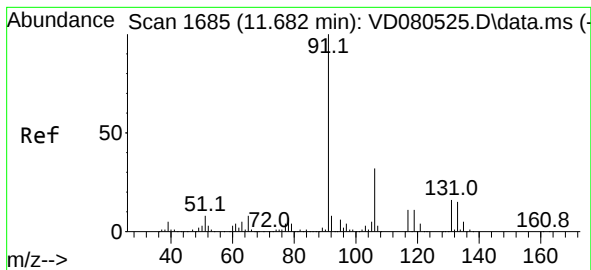
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.281 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion:131 Resp: 56951
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 68.7 34.4 103.2





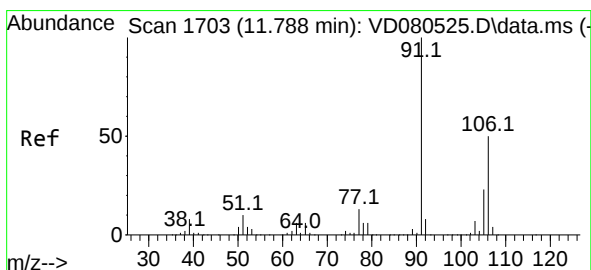
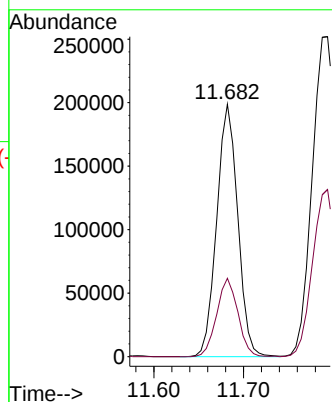
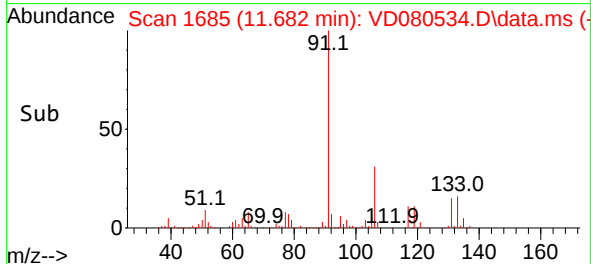
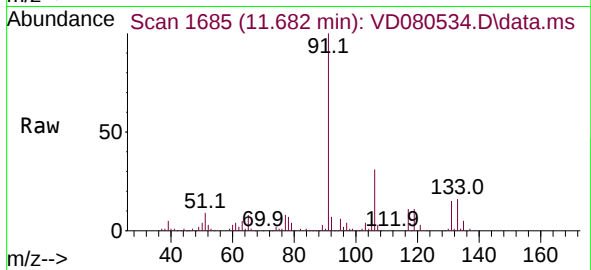
#67
Ethyl Benzene
Concen: 19.928 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01

Tgt Ion: 91 Resp: 324308
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0

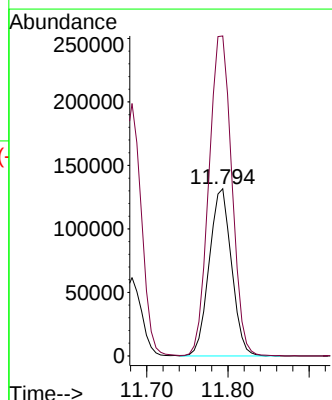
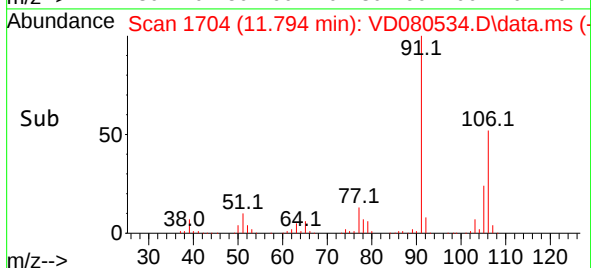
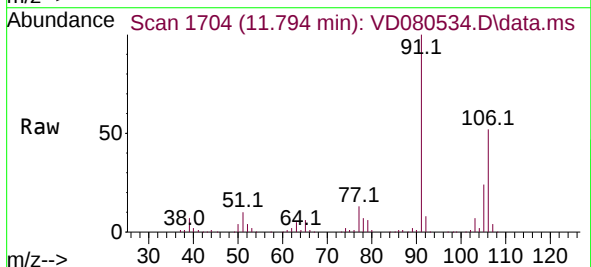
Manual Integrations
APPROVED

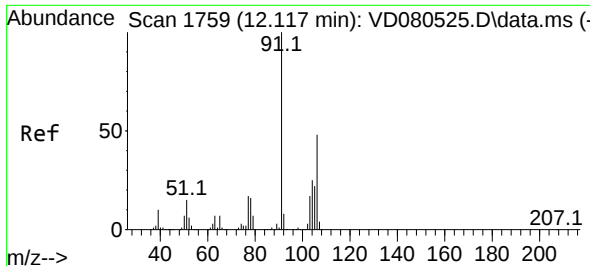
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#68
m/p-Xylenes
Concen: 40.410 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

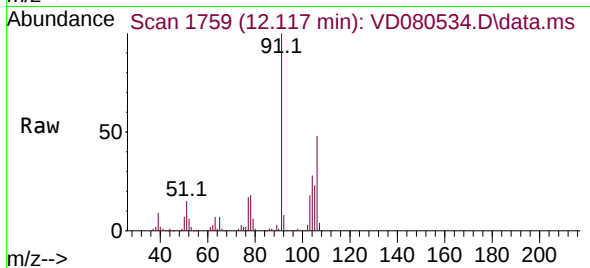
Tgt Ion:106 Resp: 251509
Ion Ratio Lower Upper
106 100
91 197.1 158.7 238.1





#69
o-Xylene
Concen: 20.061 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

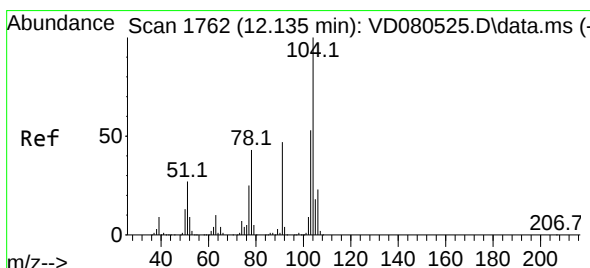
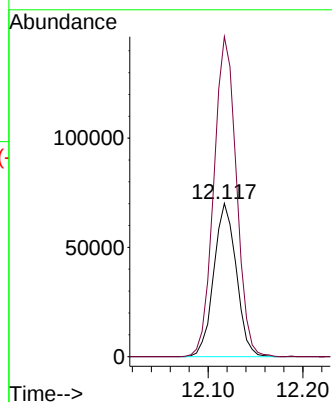
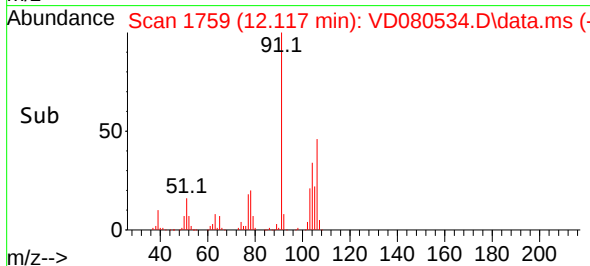
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



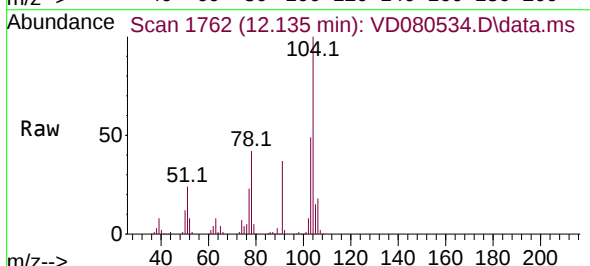
Tgt Ion:106 Resp: 115439
Ion Ratio Lower Upper
106 100
91 210.2 105.8 317.3

Manual Integrations
APPROVED

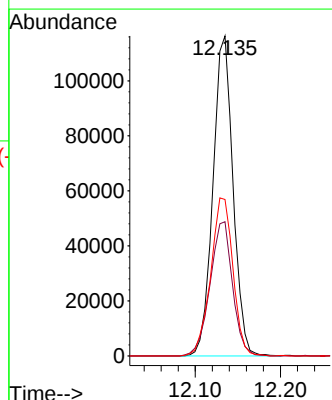
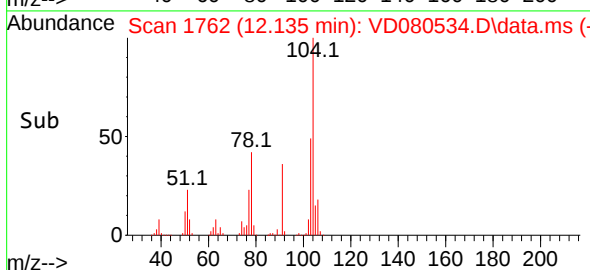
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

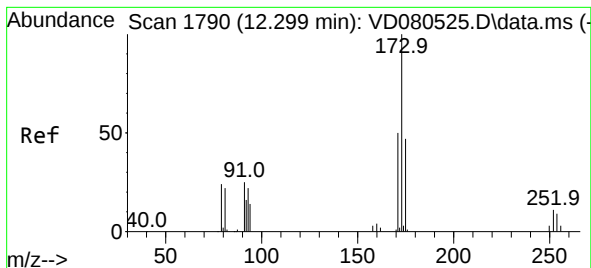


#70
Styrene
Concen: 20.036 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29



Tgt Ion:104 Resp: 190285
Ion Ratio Lower Upper
104 100
78 46.9 37.8 56.8
103 54.7 43.8 65.8





#71

Bromoform

Concen: 20.294 ug/l

RT: 12.294 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

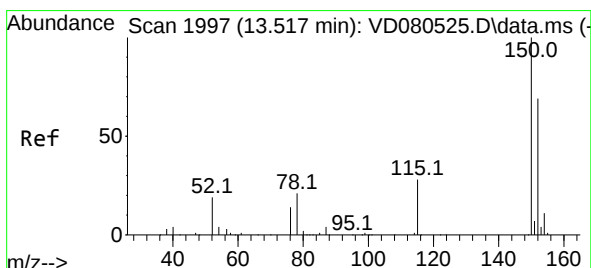
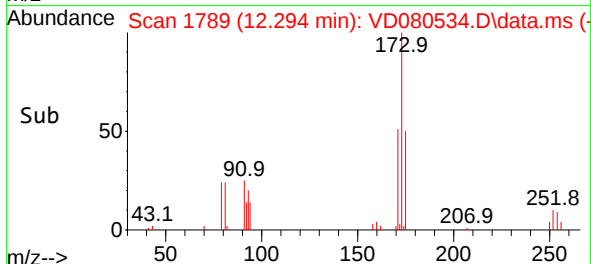
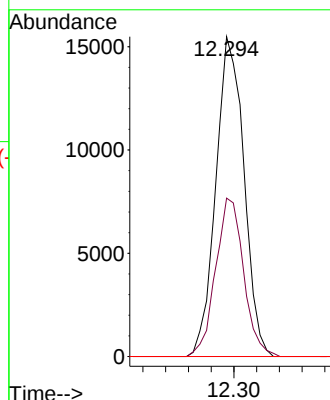
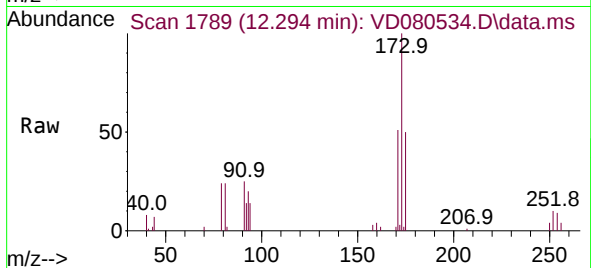
Tgt Ion:	173	Resp:	2662
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

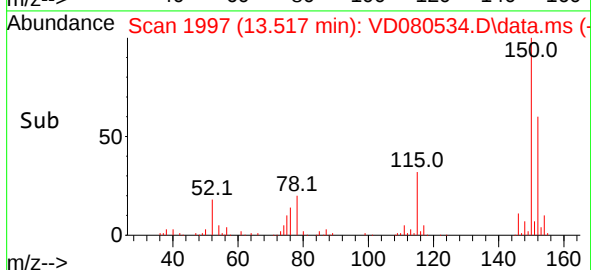
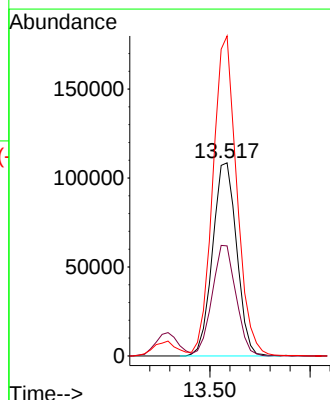
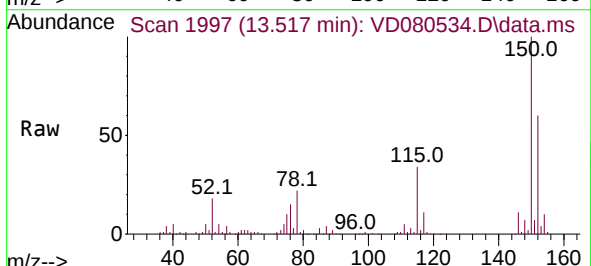
RT: 13.517 min Scan# 1997

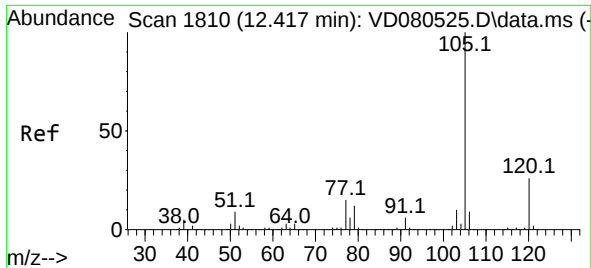
Delta R.T. 0.000 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

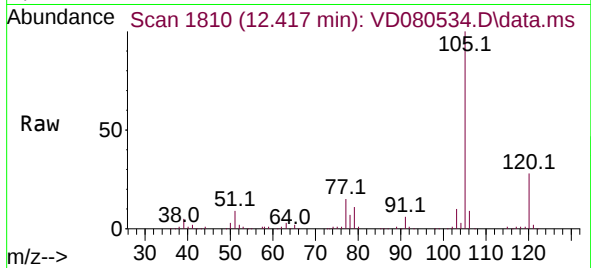
Tgt Ion:	152	Resp:	181263
Ion Ratio	Lower	Upper	
152	100		
115	56.8	28.1	84.3
150	164.8	0.0	345.6





#73
Isopropylbenzene
Concen: 19.998 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

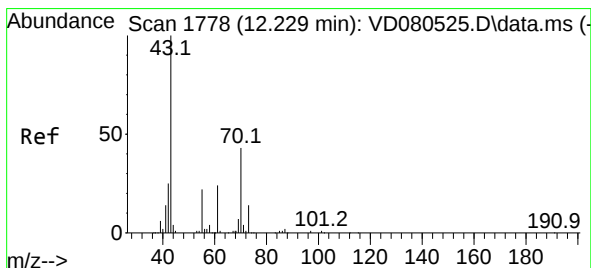
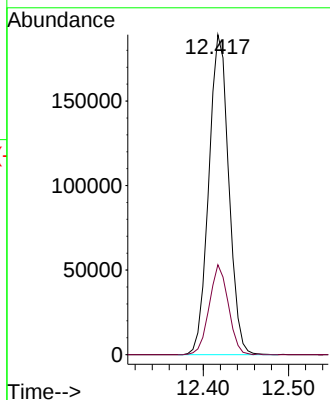
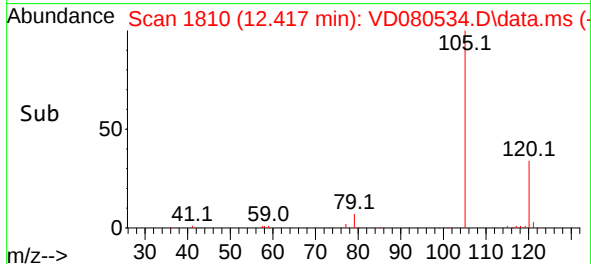
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



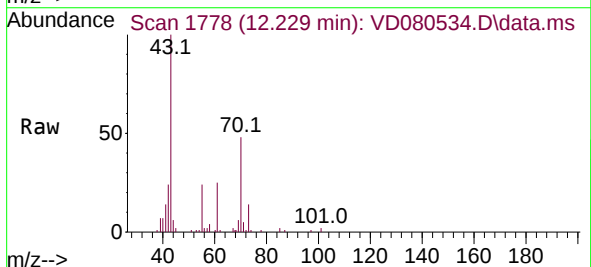
Tgt Ion:105 Resp: 307702
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

Manual Integrations
APPROVED

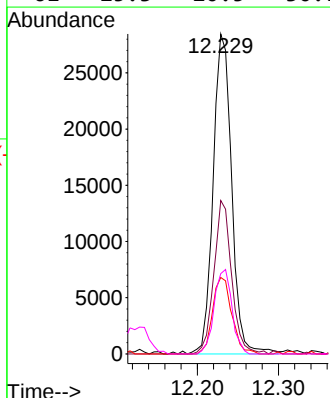
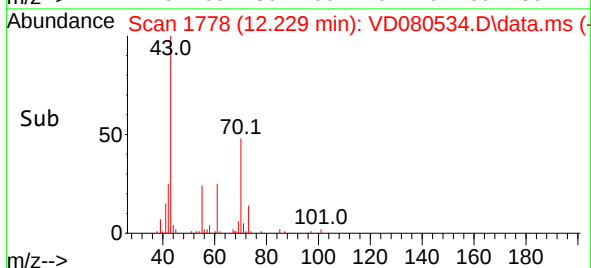
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

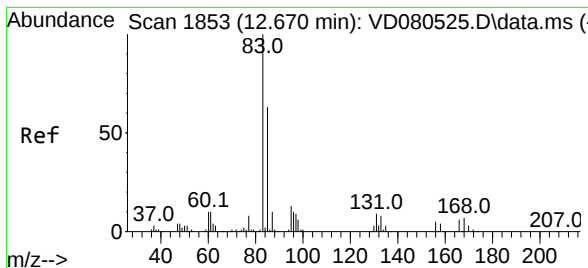


#74
N-ethyl acetate
Concen: 18.907 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29



Tgt Ion: 43 Resp: 45095
Ion Ratio Lower Upper
43 100
70 45.9 35.2 52.8
55 24.8 18.4 27.6
61 25.3 20.5 30.7





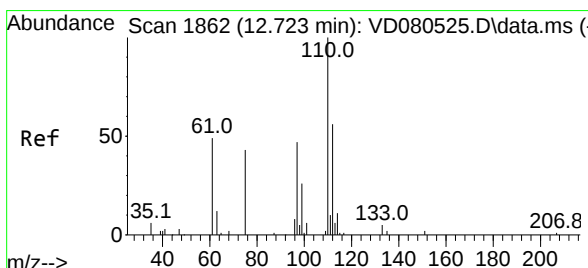
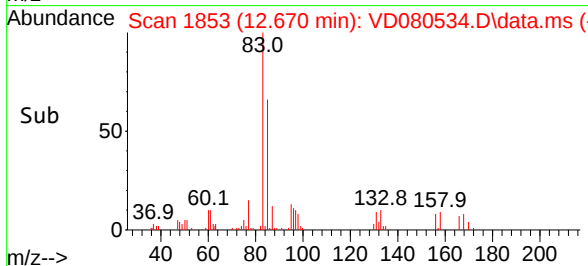
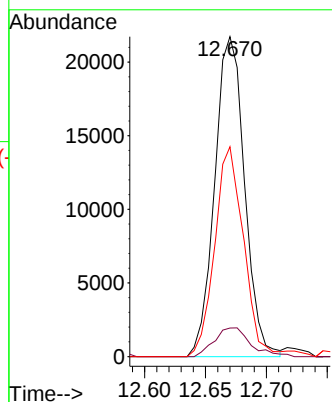
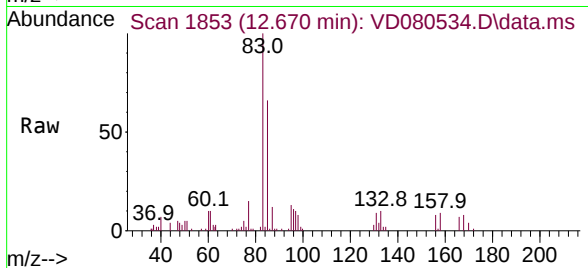
#75
1,1,2,2-Tetrachloroethane
Concen: 19.211 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01

Tgt Ion: 83 Resp: 37073
Ion Ratio Lower Upper
83 100
131 10.9 4.9 14.6
85 63.0 31.8 95.3

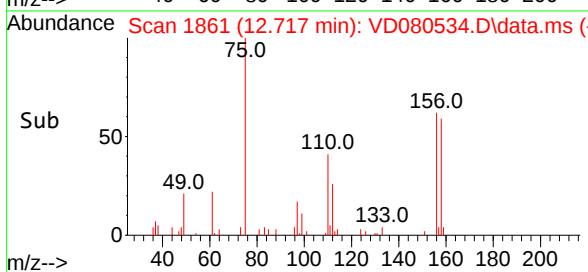
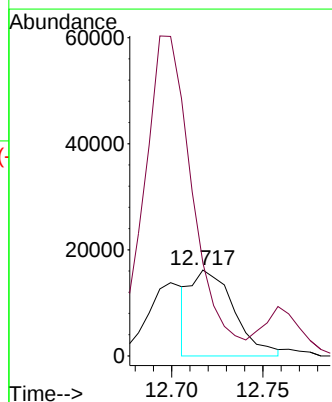
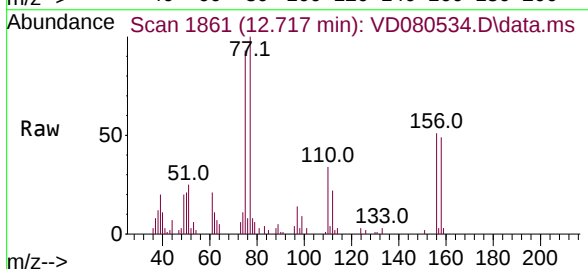
Manual Integrations
APPROVED

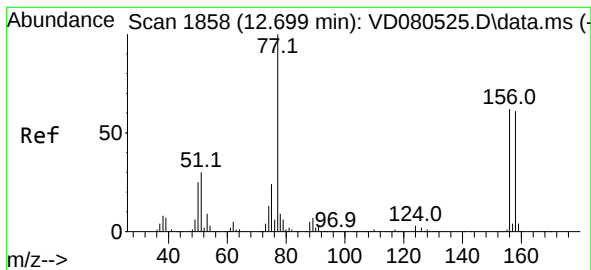
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#76
1,2,3-Trichloropropane
Concen: 18.841 ug/l m
RT: 12.717 min Scan# 1861
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion: 75 Resp: 26600
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.011 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBSD01

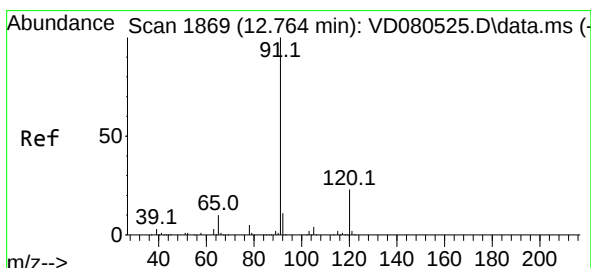
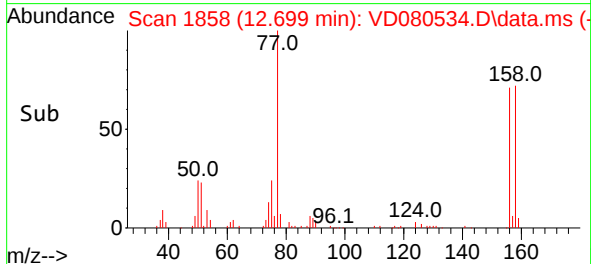
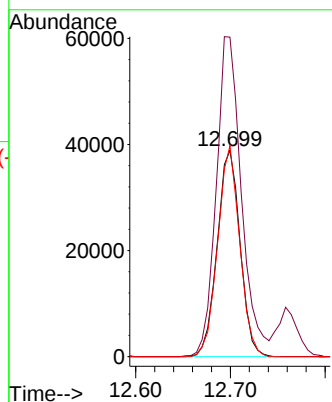
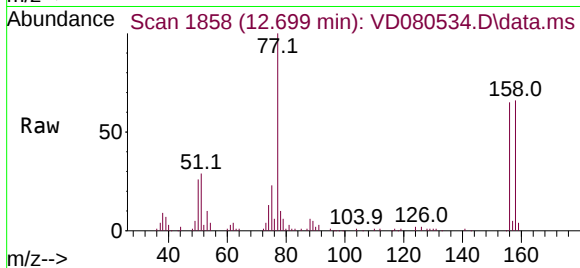
Tgt Ion:156 Resp: 6535
 Ion Ratio Lower Upper
 156 100
 77 170.5 85.3 255.9
 158 98.0 48.4 145.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#78

n-propylbenzene

Concen: 20.003 ug/l

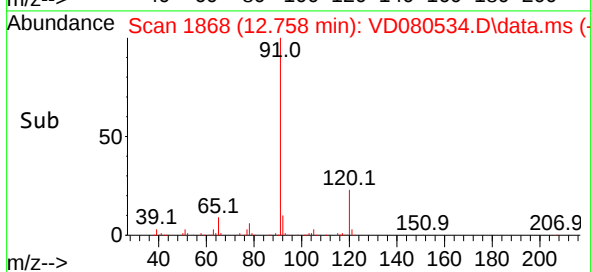
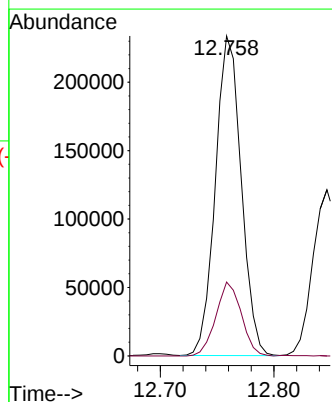
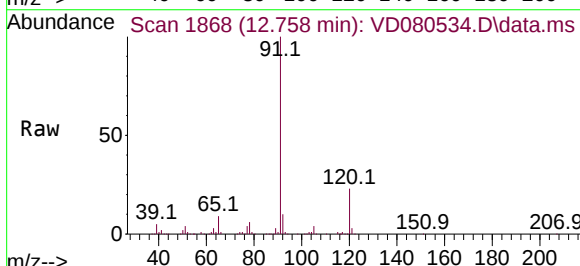
RT: 12.758 min Scan# 1868

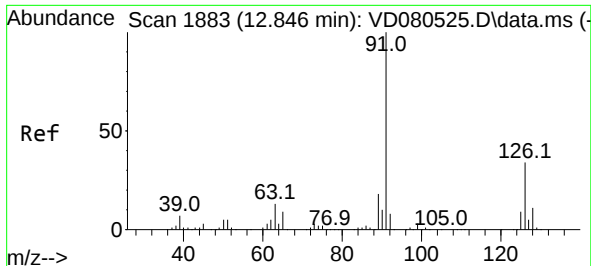
Delta R.T. -0.006 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Tgt Ion: 91 Resp: 369232
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.4 34.2





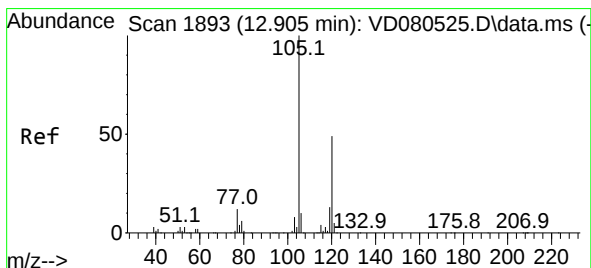
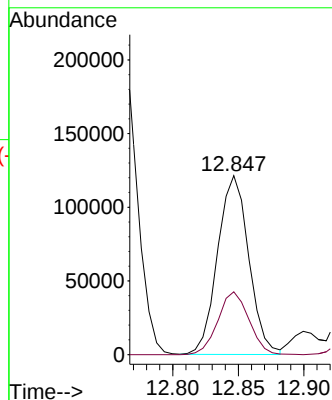
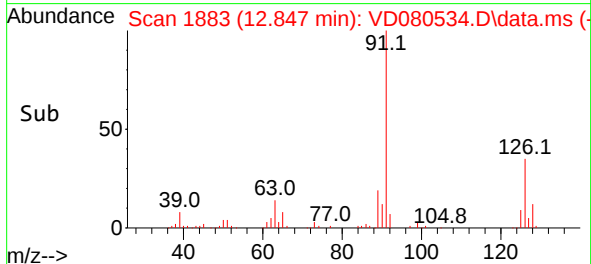
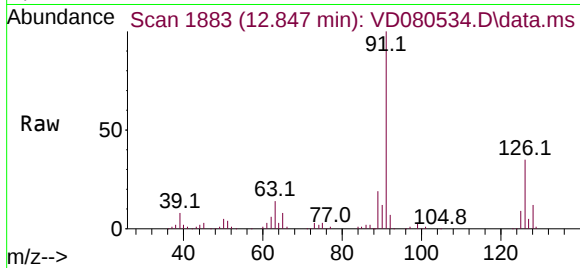
#79
2-Chlorotoluene
Concen: 19.810 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 91 Resp: 201168
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.2

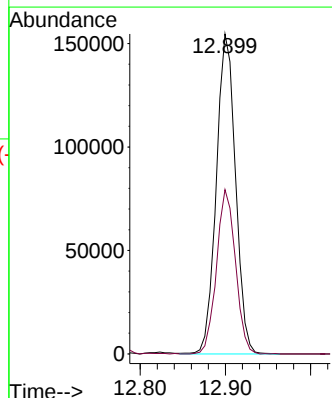
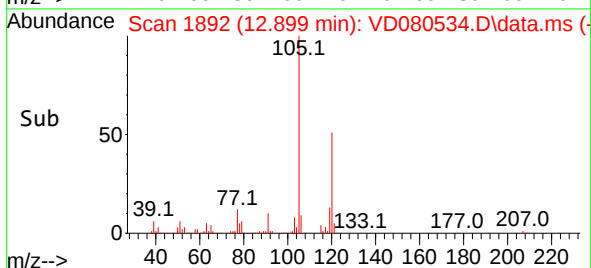
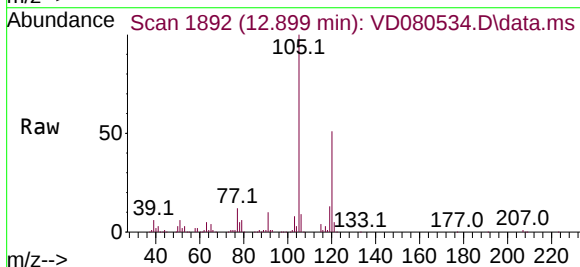
Manual Integrations
APPROVED

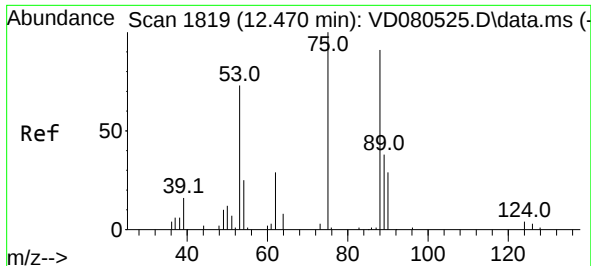
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.891 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion:105 Resp: 241940
Ion Ratio Lower Upper
105 100
120 50.6 24.6 74.0





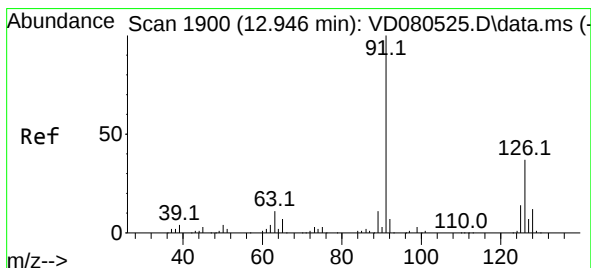
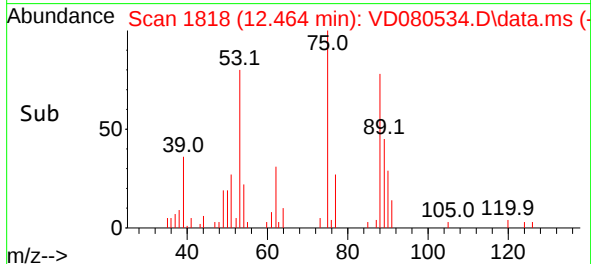
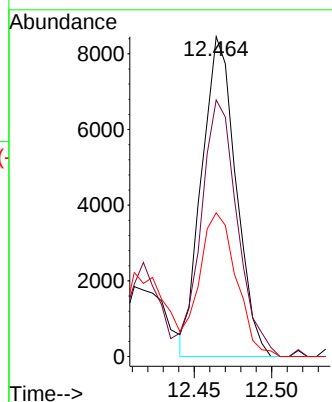
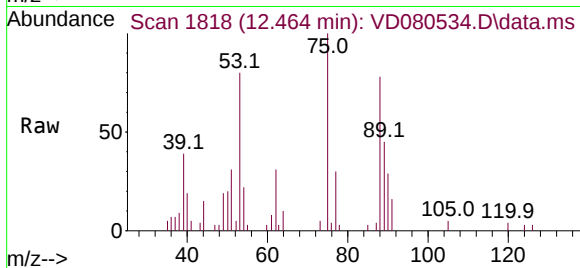
#81
trans-1,4-Dichloro-2-butene
Concen: 17.611 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion: 75 Resp: 13020
Ion Ratio Lower Upper
75 100
53 85.7 62.8 94.2
89 48.8 36.6 54.8

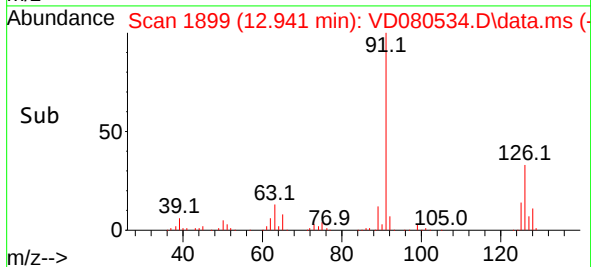
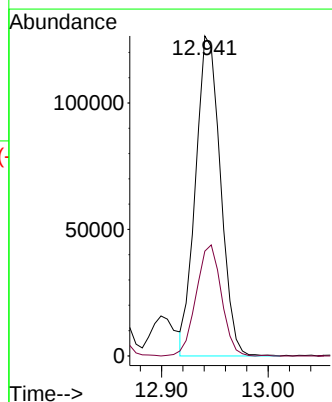
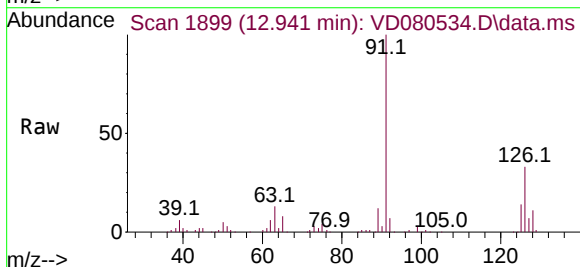
Manual Integrations
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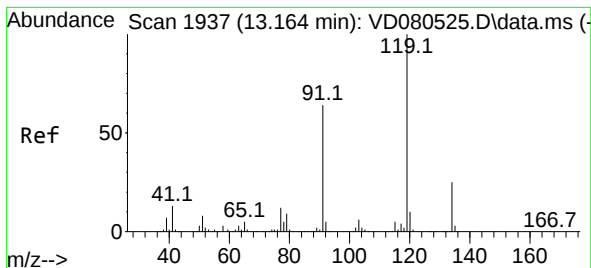
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#82
4-Chlorotoluene
Concen: 19.843 ug/l
RT: 12.941 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

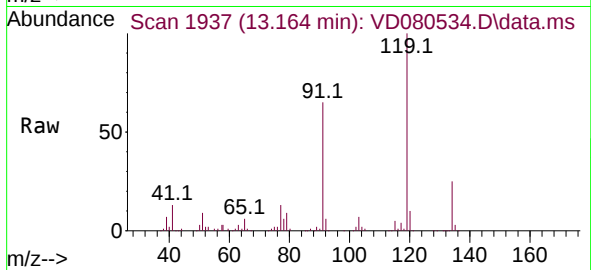
Tgt Ion: 91 Resp: 204856
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.2





#83
tert-Butylbenzene
Concen: 19.884 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

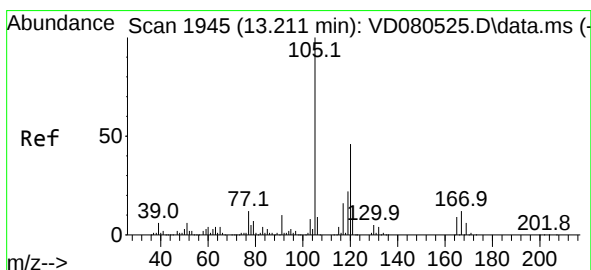
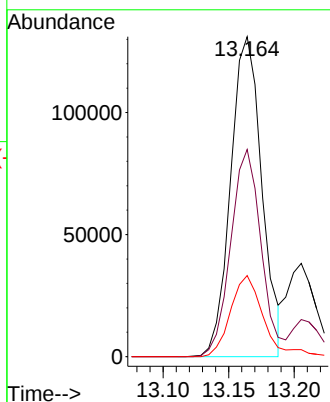
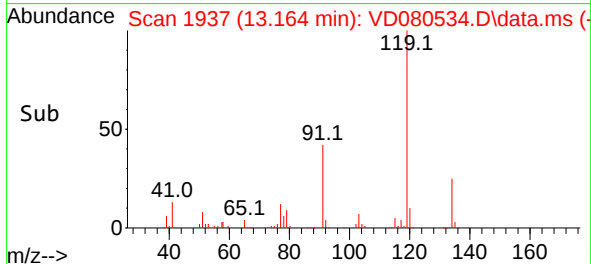
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01



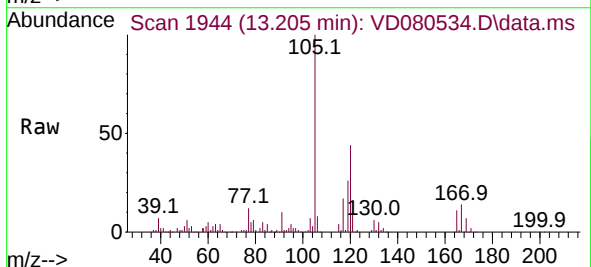
Tgt Ion:119 Resp: 217471
Ion Ratio Lower Upper
119 100
91 63.2 30.4 91.3
134 26.7 13.1 39.3

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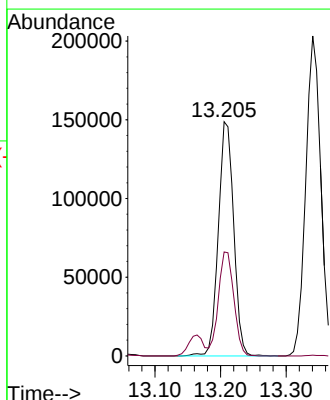
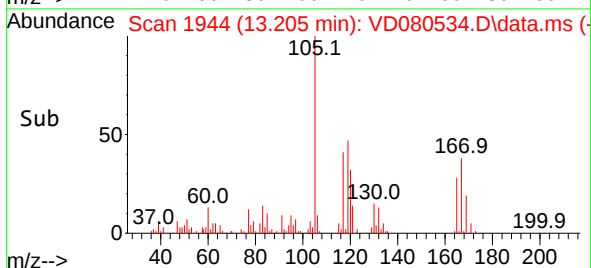
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

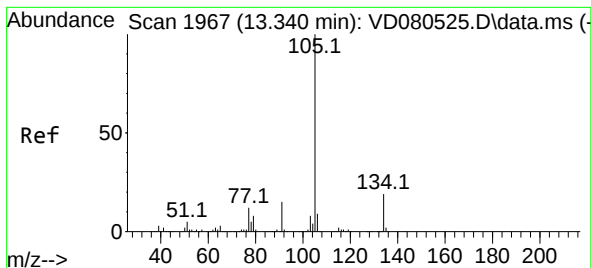


#84
1,2,4-Trimethylbenzene
Concen: 20.225 ug/l
RT: 13.205 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29



Tgt Ion:105 Resp: 242063
Ion Ratio Lower Upper
105 100
120 44.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.968 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01

Tgt Ion:105 Resp: 323325

Ion Ratio Lower Upper

105 100

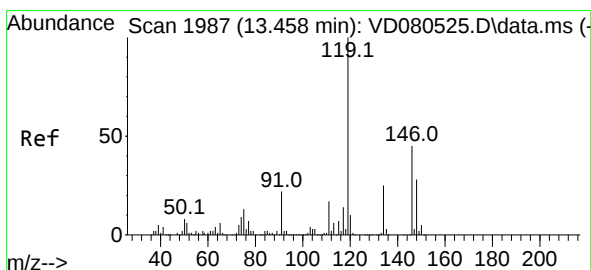
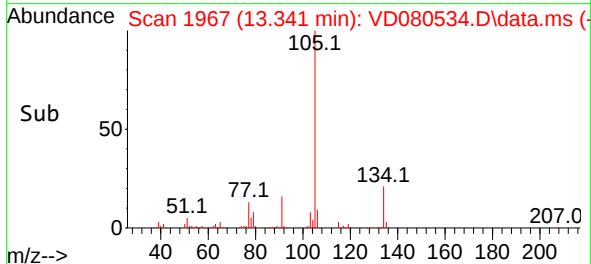
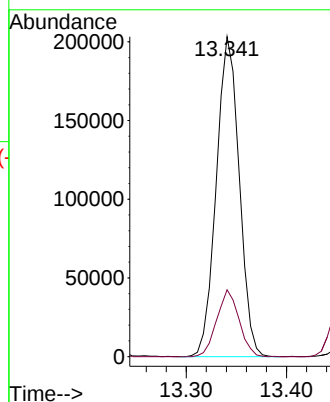
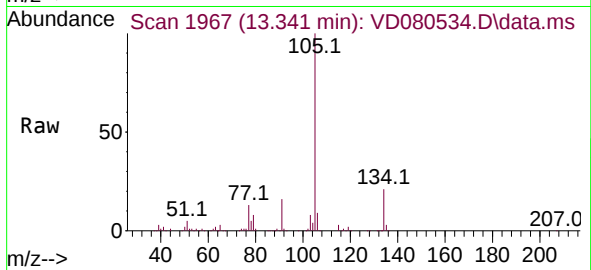
134 20.2 10.0 30.0

Manual Integrations

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Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#86

p-Isopropyltoluene

Concen: 20.280 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29

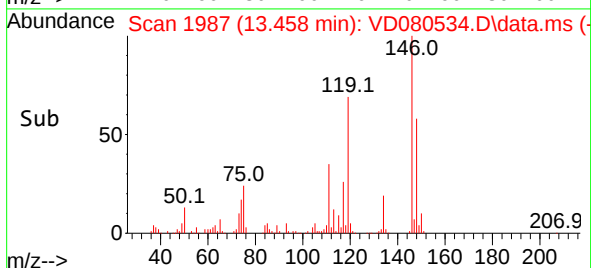
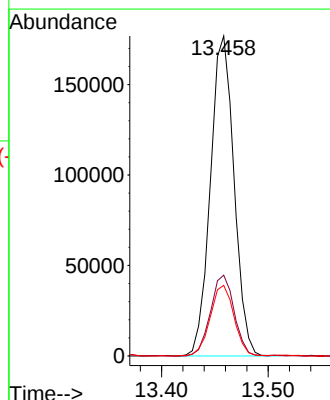
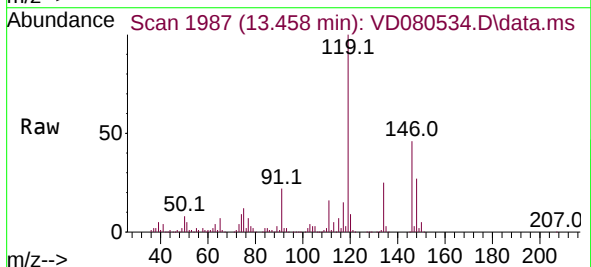
Tgt Ion:119 Resp: 272312

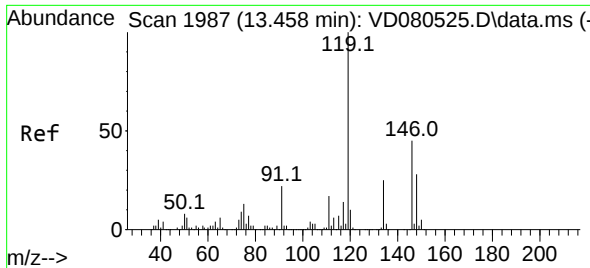
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

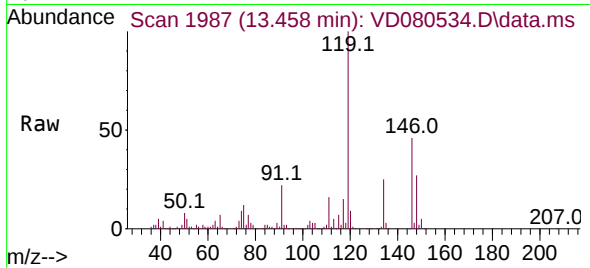
91 22.3 11.1 33.1





#87
1,3-Dichlorobenzene
Concen: 20.493 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

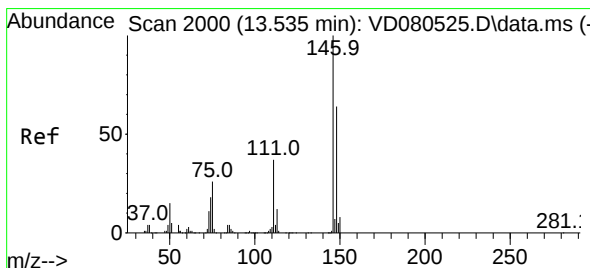
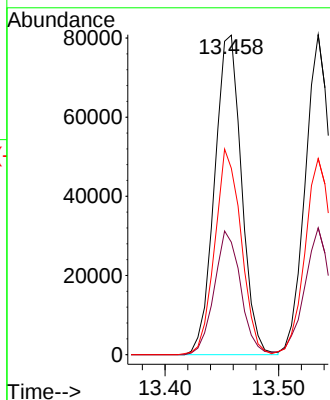
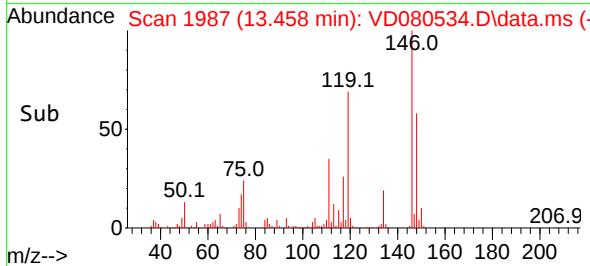
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



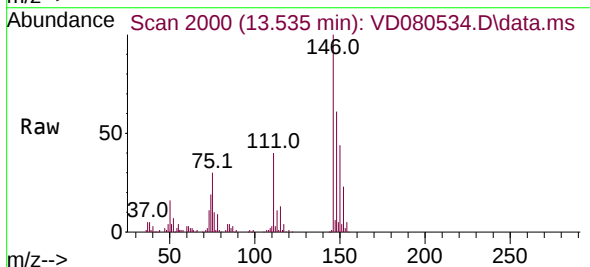
Tgt Ion:146 Resp: 132978
Ion Ratio Lower Upper
146 100
111 37.9 19.4 58.2
148 62.9 31.4 94.0

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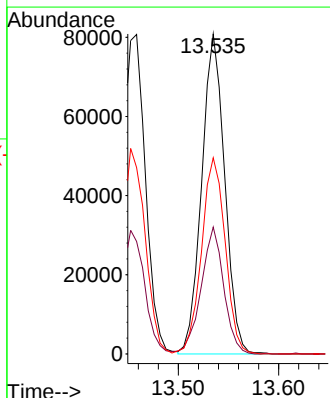
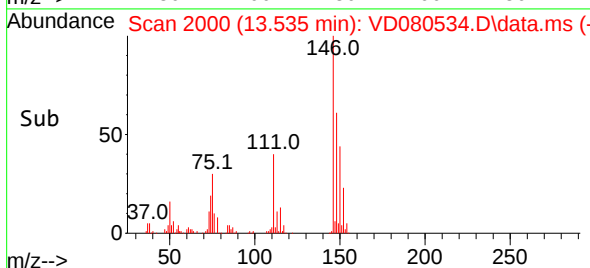
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

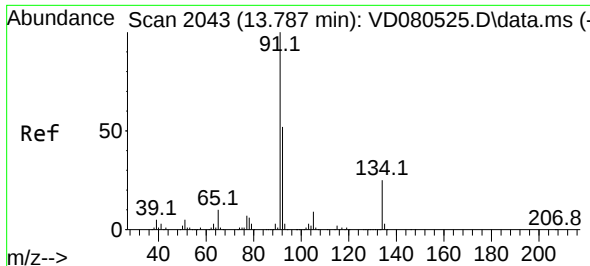


#88
1,4-Dichlorobenzene
Concen: 20.281 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29



Tgt Ion:146 Resp: 128686
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.9
148 63.2 32.1 96.5





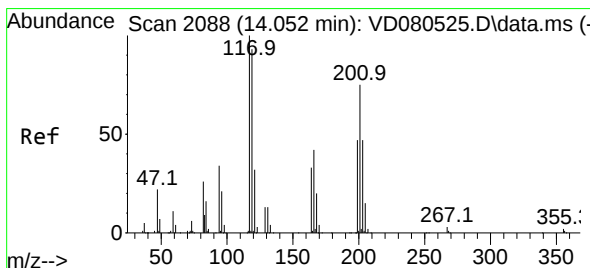
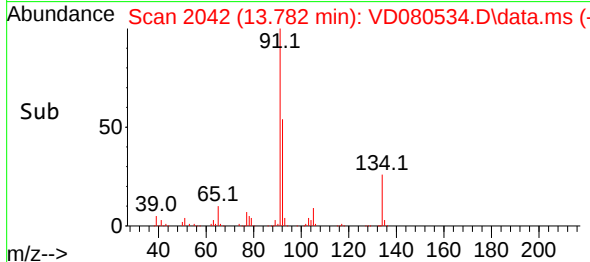
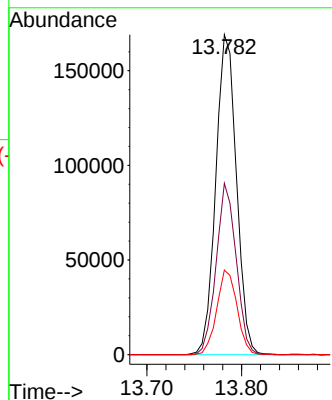
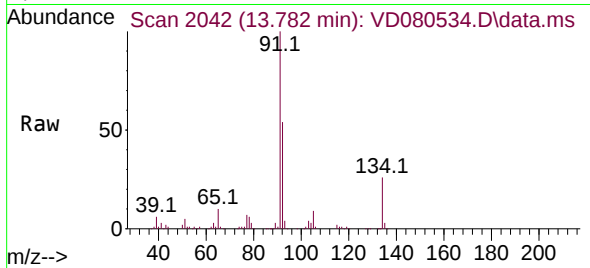
#89
n-Butylbenzene
Concen: 20.019 ug/l
RT: 13.782 min Scan# 2043
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBSD01

Tgt Ion: 91 Resp: 25633
Ion Ratio Lower Upper
91 100
92 51.8 26.7 80.1
134 25.9 12.6 37.8

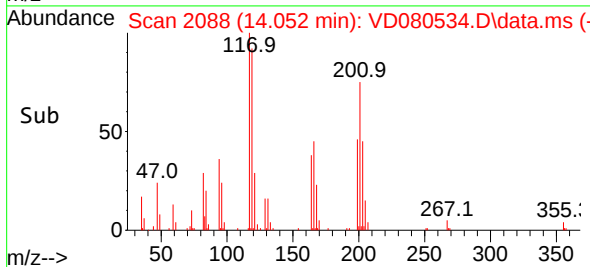
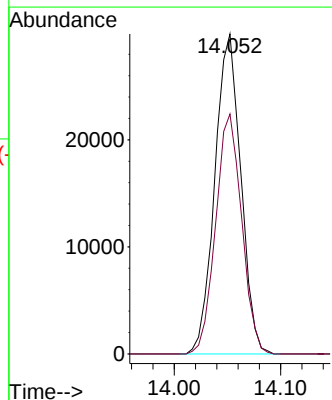
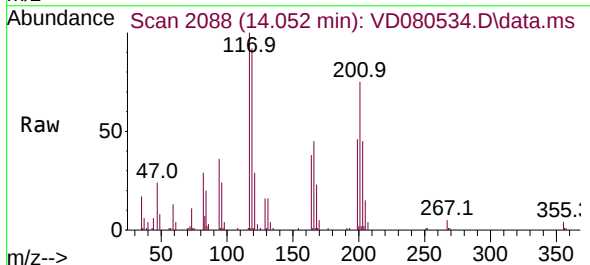
Manual Integrations
APPROVED

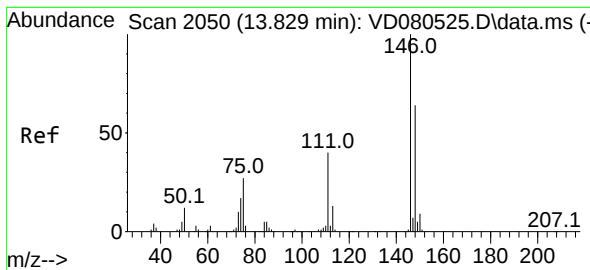
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#90
Hexachloroethane
Concen: 19.370 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Tgt Ion:117 Resp: 50736
Ion Ratio Lower Upper
117 100
201 74.9 36.7 110.1





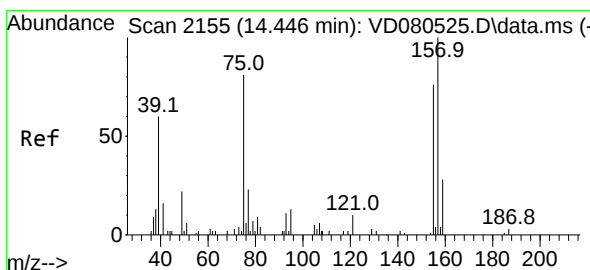
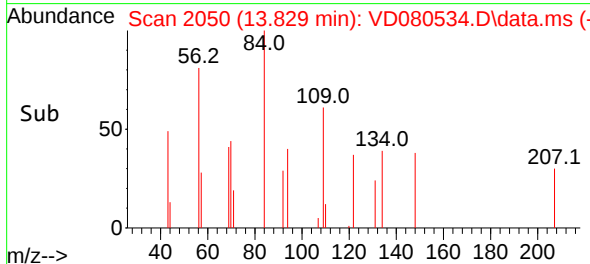
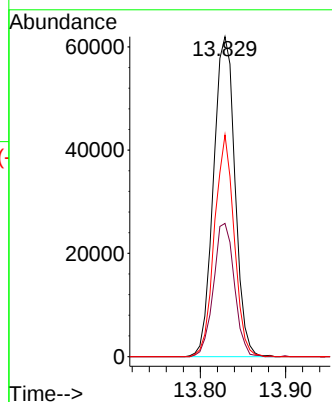
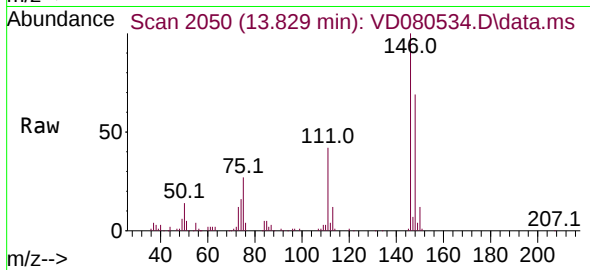
#91
1,2-Dichlorobenzene
Concen: 20.202 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01

Tgt Ion:146 Resp: 108340
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 63.5 32.2 96.6

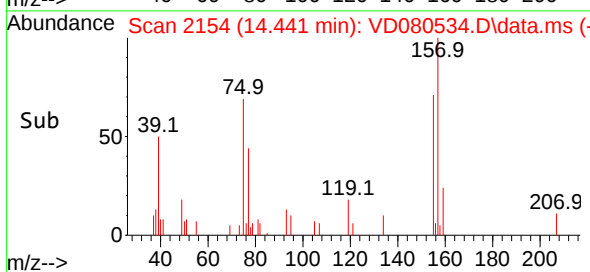
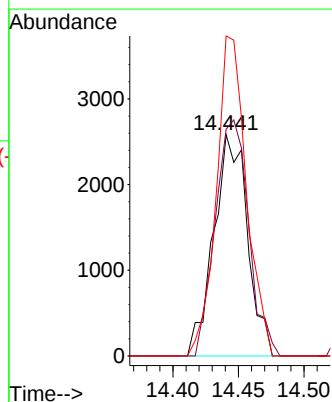
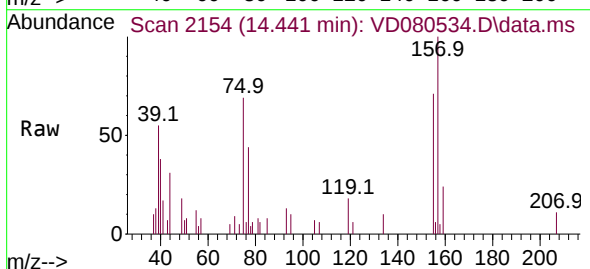
Manual Integrations
APPROVED

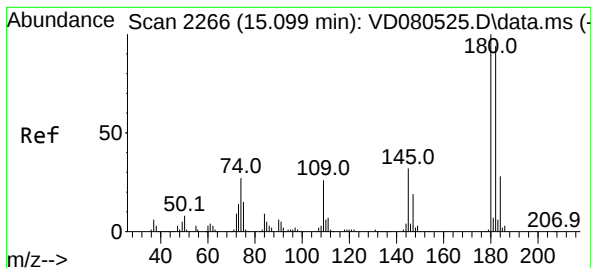
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.377 ug/l
RT: 14.441 min Scan# 2154
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

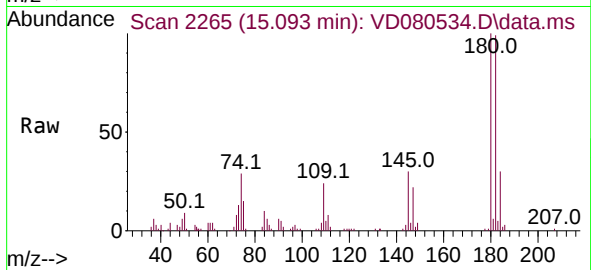
Tgt Ion: 75 Resp: 4617
Ion Ratio Lower Upper
75 100
155 106.3 46.4 139.2
157 129.2 59.6 178.7





#93
1,2,4-Trichlorobenzene
Concen: 20.142 ug/l
RT: 15.093 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29

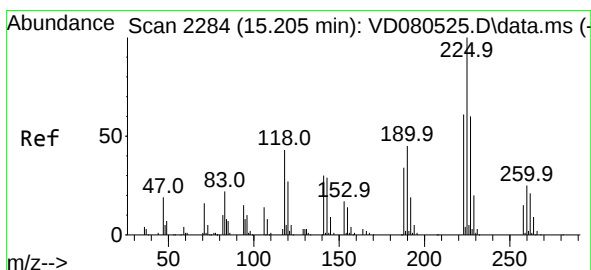
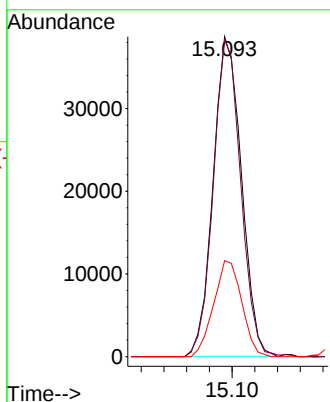
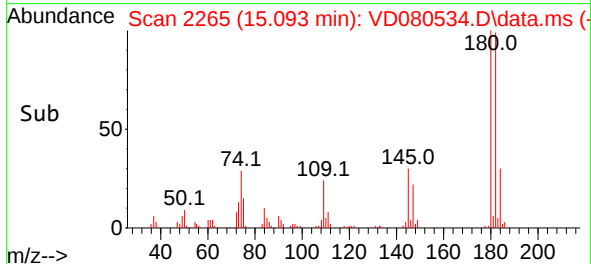
Instrument :
MSVOA_D
ClientSampleId :
VD1118SBS01



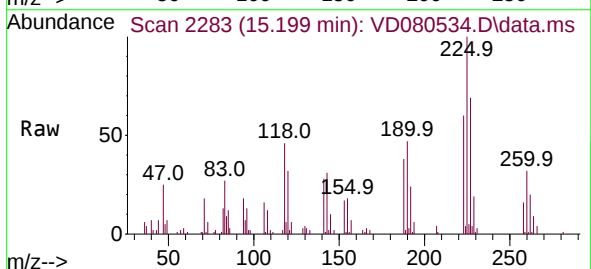
Tgt Ion:180 Resp: 66705
Ion Ratio Lower Upper
180 100
182 96.3 47.1 141.4
145 29.8 14.7 44.1

Manual Integrations
APPROVED

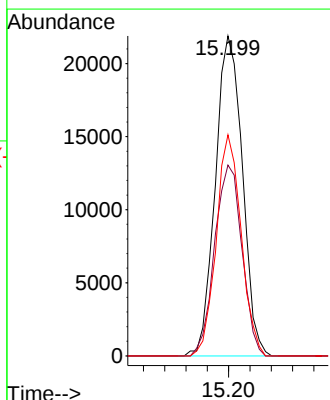
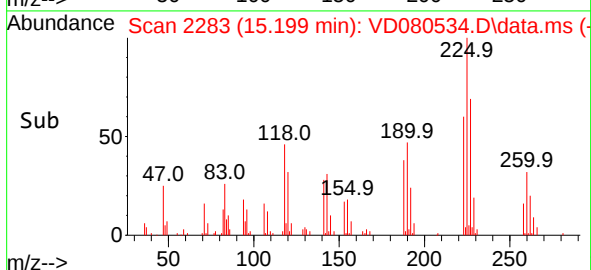
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

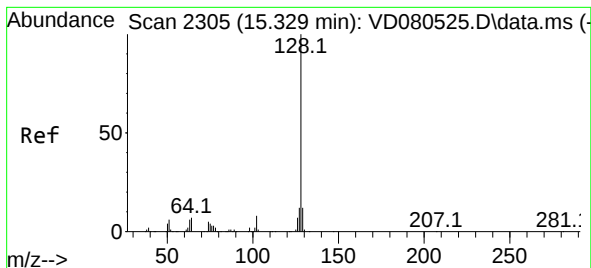


#94
Hexachlorobutadiene
Concen: 20.920 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VD080534.D
Acq: 18 Nov 2025 11:29



Tgt Ion:225 Resp: 38578
Ion Ratio Lower Upper
225 100
223 60.3 31.4 94.0
227 63.6 31.9 95.5





#95

Naphthalene

Concen: 19.694 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080534.D

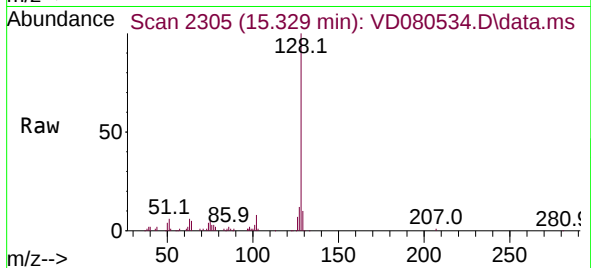
Acq: 18 Nov 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD1118SBS01



Tgt Ion:128 Resp: 106135

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.6

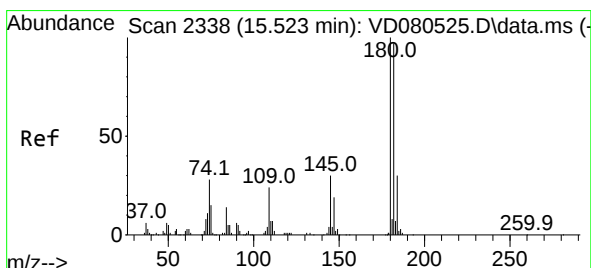
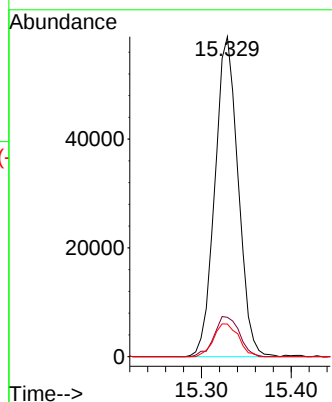
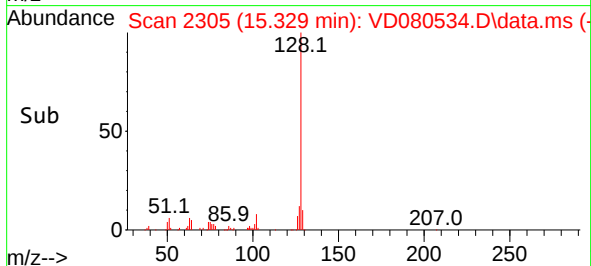
129 10.2 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#96

1,2,3-Trichlorobenzene

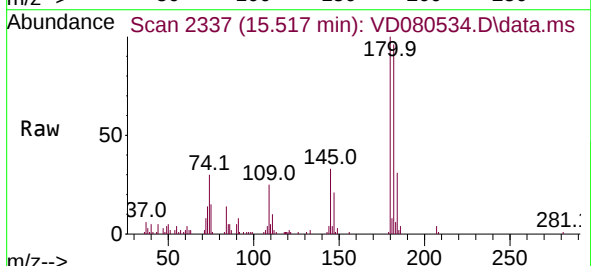
Concen: 19.781 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. -0.006 min

Lab File: VD080534.D

Acq: 18 Nov 2025 11:29



Tgt Ion:180 Resp: 53071

Ion Ratio Lower Upper

180 100

182 95.8 48.4 145.2

145 33.0 15.9 47.6

