

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022525\
 Data File : VD080264.D
 Acq On : 25 Feb 2025 10:45
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 26 02:27:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	119659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	180710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	179213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74082	47.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.180%
35) Dibromofluoromethane	7.805	113	67630	52.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.620%
50) Toluene-d8	10.269	98	267560	56.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.660%
62) 4-Bromofluorobenzene	12.569	95	90317	59.265	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	118.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	48536	39.862	ug/l	96
3) Chloromethane	2.152	50	96326	38.644	ug/l	98
4) Vinyl Chloride	2.275	62	133597	44.303	ug/l	99
5) Bromomethane	2.681	94	92163	51.353	ug/l	100
6) Chloroethane	2.828	64	98025	48.805	ug/l	97
7) Trichlorofluoromethane	3.164	101	114484	45.812	ug/l	93
8) Diethyl Ether	3.593	74	31211	45.654	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	71343	49.319	ug/l	97
10) Methyl Iodide	4.164	142	66720	53.317	ug/l	98
11) Tert butyl alcohol	5.069	59	20114	233.937	ug/l #	95
12) 1,1-Dichloroethene	3.940	96	63176	46.105	ug/l	88
13) Acrolein	3.799	56	11743	72.435	ug/l	90
14) Allyl chloride	4.558	41	99616	47.173	ug/l	98
15) Acrylonitrile	5.258	53	78070	237.690	ug/l	98
16) Acetone	4.022	43	65388	260.661	ug/l	91
17) Carbon Disulfide	4.264	76	219026	44.319	ug/l	99
18) Methyl Acetate	4.564	43	46750	55.232	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	149892	49.686	ug/l	99
20) Methylene Chloride	4.799	84	82322	48.359	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	75450	48.467	ug/l	93
22) Diisopropyl ether	6.216	45	232351	52.871	ug/l	97
23) Vinyl Acetate	6.152	43	646572	254.837	ug/l	98
24) 1,1-Dichloroethane	6.111	63	140433	48.746	ug/l	98
25) 2-Butanone	7.081	43	100497	258.284	ug/l	94
26) 2,2-Dichloropropane	7.075	77	120980	48.417	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	86905	49.415	ug/l	97
28) Bromochloromethane	7.422	49	59356	45.149	ug/l #	94
29) Tetrahydrofuran	7.452	42	63015	247.266	ug/l	97
30) Chloroform	7.593	83	148678	50.478	ug/l	98
31) Cyclohexane	7.881	56	111055	48.155	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	124163	50.387	ug/l	100
36) 1,1-Dichloropropene	8.005	75	103234	56.276	ug/l	99
37) Ethyl Acetate	7.169	43	47054	52.310	ug/l	97
38) Carbon Tetrachloride	7.987	117	108734	56.748	ug/l	93
39) Methylcyclohexane	9.275	83	117455	58.935	ug/l	98
40) Benzene	8.252	78	314069	54.621	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	24039	48.550	ug/l	90
42) 1,2-Dichloroethane	8.322	62	88237	53.926	ug/l	99
43) Isopropyl Acetate	8.363	43	88152	55.218	ug/l	99
44) Trichloroethene	9.028	130	74357	55.978	ug/l	93
45) 1,2-Dichloropropane	9.304	63	81277	56.197	ug/l	99
46) Dibromomethane	9.393	93	46144	57.267	ug/l	99
47) Bromodichloromethane	9.581	83	116865	57.513	ug/l	98
48) Methyl methacrylate	9.381	41	44053	59.631	ug/l	91
49) 1,4-Dioxane	9.387	88	10718	1222.731	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	244627	303.038	ug/l	99
52) Toluene	10.334	92	199068	59.188	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	100161	57.823	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	120449	57.165	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	60650	57.929	ug/l	93
56) Ethyl methacrylate	10.599	69	73880	61.844	ug/l	99
57) 1,3-Dichloropropane	10.881	76	99686	57.566	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	135490	265.731	ug/l	97
59) 2-Hexanone	10.922	43	168601	318.285	ug/l	98
60) Dibromochloromethane	11.075	129	76621	59.373	ug/l	97
61) 1,2-Dibromoethane	11.175	107	54506	57.164	ug/l	99
64) Tetrachloroethene	10.810	164	66590	53.191	ug/l	97
65) Chlorobenzene	11.604	112	214492	52.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	77472	53.909	ug/l	98
67) Ethyl Benzene	11.681	91	382279	55.941	ug/l	99
68) m/p-Xylenes	11.793	106	304176	114.657	ug/l	99
69) o-Xylene	12.122	106	135751	56.114	ug/l	97
70) Styrene	12.134	104	252174	58.560	ug/l	99
71) Bromoform	12.298	173	44723	52.792	ug/l #	95
73) Isopropylbenzene	12.422	105	366519	53.104	ug/l	100
74) N-amyl acetate	12.234	43	93867	51.738	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	72508	50.485	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	94455	91.515	ug/l #	100
77) Bromobenzene	12.698	156	91088	51.164	ug/l	98
78) n-propylbenzene	12.763	91	478775	54.484	ug/l	100
79) 2-Chlorotoluene	12.845	91	266058	53.294	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	320385	55.505	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	26637	52.772	ug/l	97
82) 4-Chlorotoluene	12.945	91	289477	54.565	ug/l	100
83) tert-Butylbenzene	13.163	119	261549	55.426	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	328798	55.964	ug/l	99
85) sec-Butylbenzene	13.345	105	415233	57.551	ug/l	100
86) p-Isopropyltoluene	13.457	119	357371	58.008	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	192105	54.785	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	189502	53.395	ug/l	99
89) n-Butylbenzene	13.787	91	347708	58.080	ug/l	99
90) Hexachloroethane	14.051	117	74190	54.185	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	168350	54.487	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	11337	49.615	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	103532	52.567	ug/l	98
94) Hexachlorobutadiene	15.204	225	56953	53.393	ug/l	98
95) Naphthalene	15.328	128	186709	53.641	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	92308	51.934	ug/l	99

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ClientSampleId :
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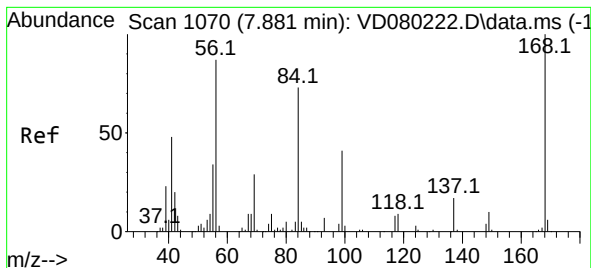
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Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:44:14 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

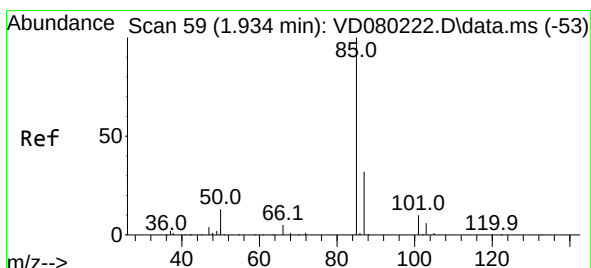
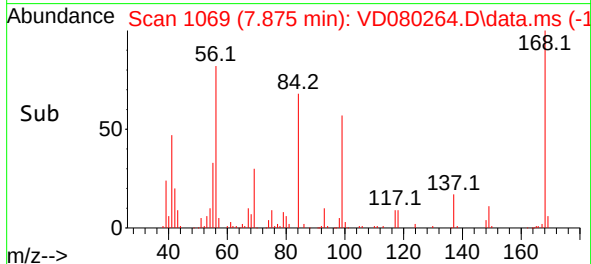
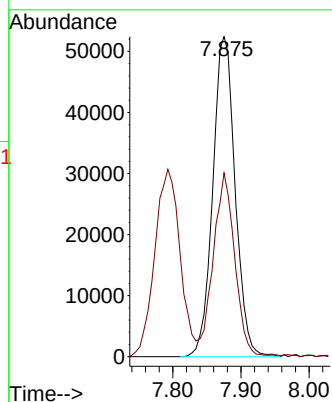
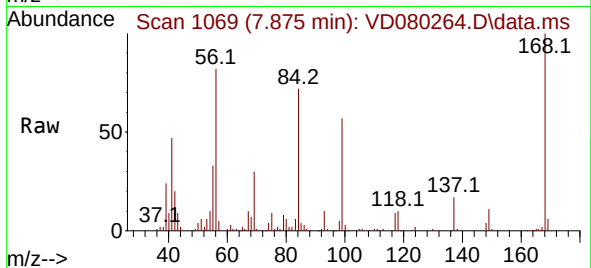
VSTDCCC050

Tgt Ion:168 Resp: 119659

Ion Ratio Lower Upper

168 100

99 57.0 44.4 66.6



#2

Dichlorodifluoromethane

Concen: 39.862 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD080264.D

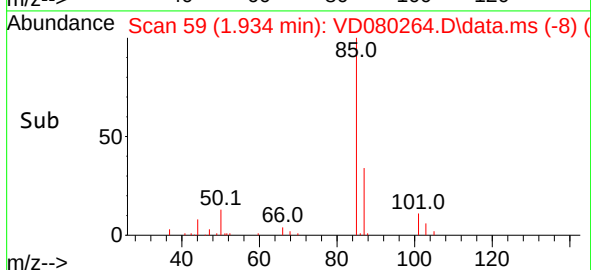
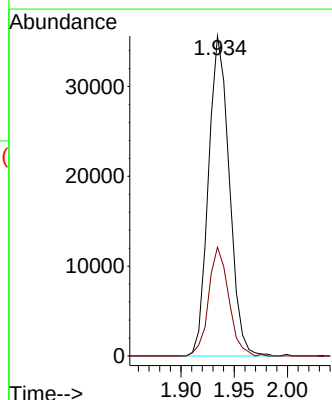
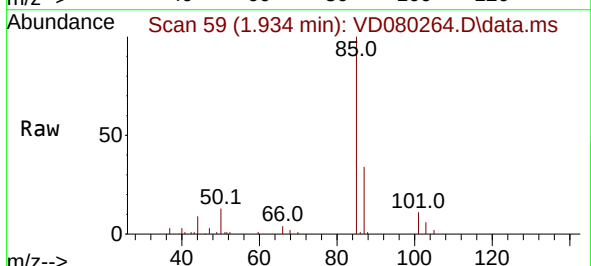
Acq: 25 Feb 2025 10:45

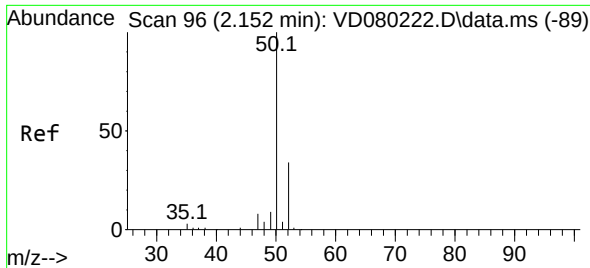
Tgt Ion: 85 Resp: 48536

Ion Ratio Lower Upper

85 100

87 34.0 16.0 47.9

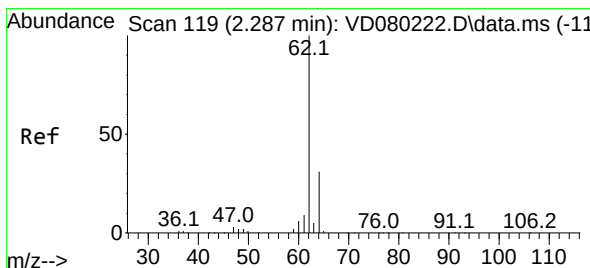
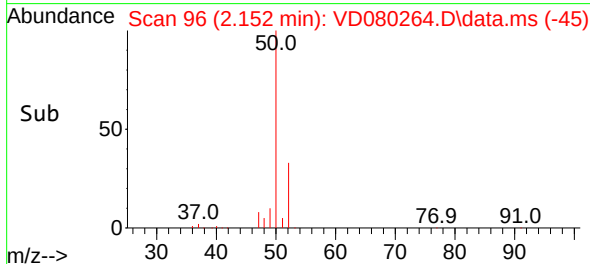
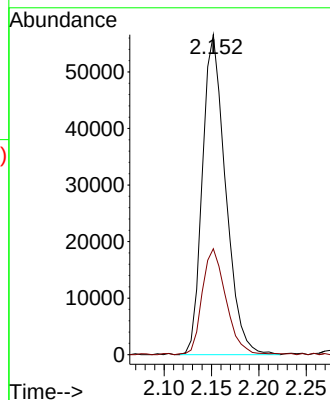
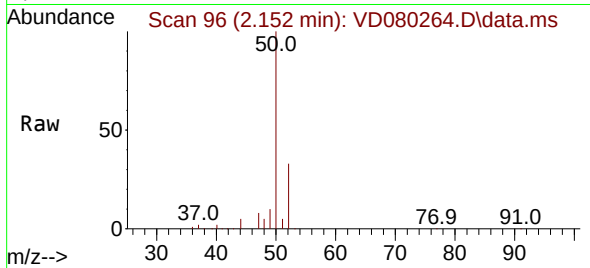




#3
Chloromethane
Concen: 38.644 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

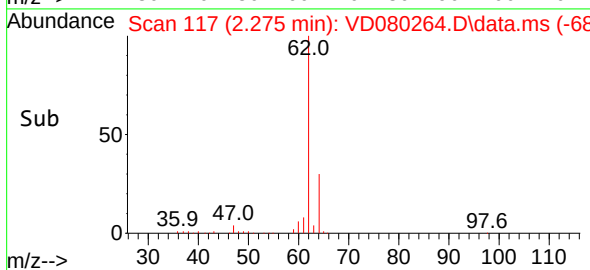
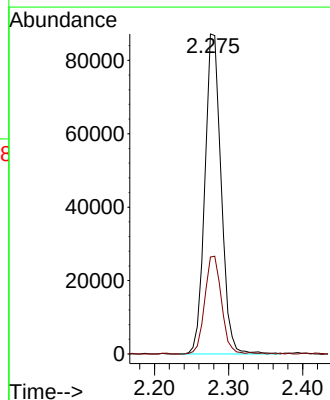
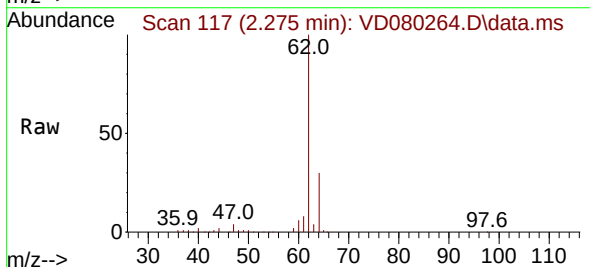
Instrument :
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ClientSampleId :
VSTDCCC050

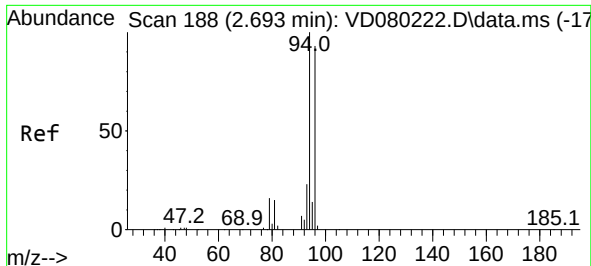
Tgt Ion: 50 Resp: 96326
Ion Ratio Lower Upper
50 100
52 32.8 27.2 40.8



#4
Vinyl Chloride
Concen: 44.303 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.012 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 62 Resp: 133597
Ion Ratio Lower Upper
62 100
64 30.3 24.8 37.2

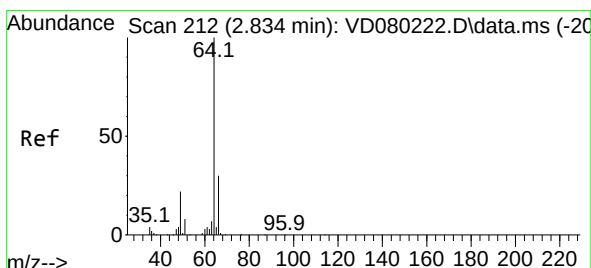
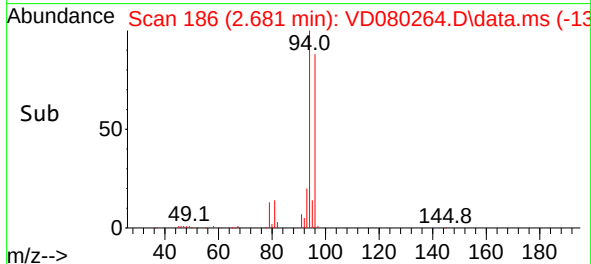
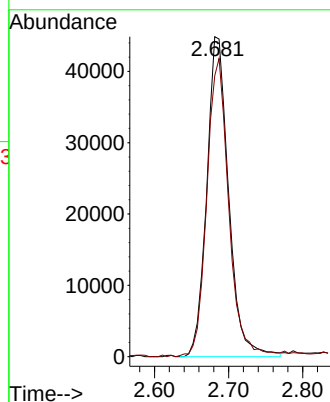
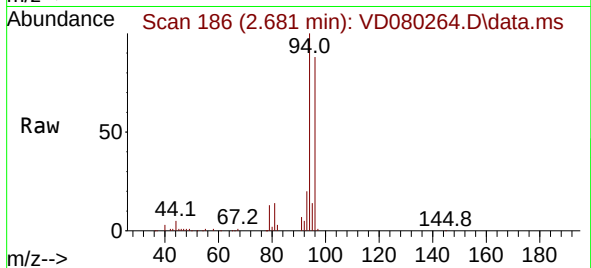




#5
Bromomethane
Concen: 51.353 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

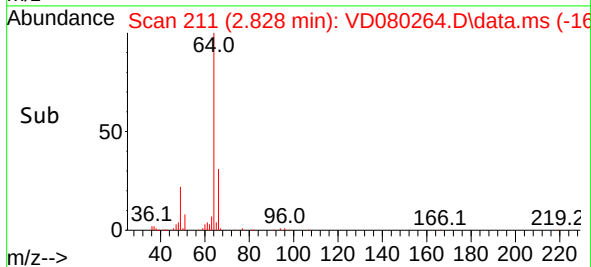
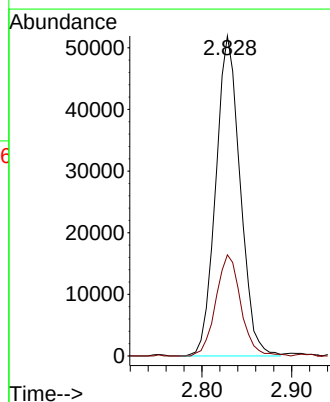
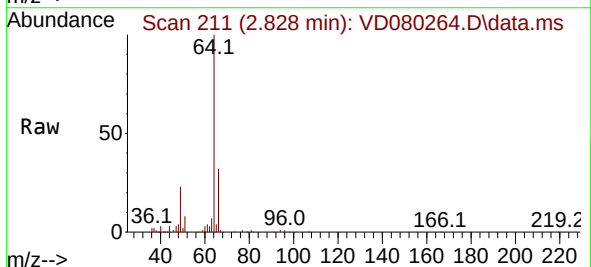
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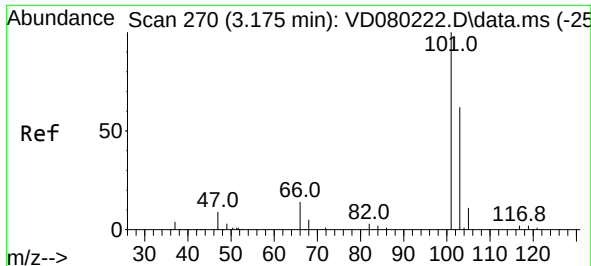
Tgt Ion: 94 Resp: 92163
Ion Ratio Lower Upper
94 100
96 92.9 74.4 111.6



#6
Chloroethane
Concen: 48.805 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 64 Resp: 98025
Ion Ratio Lower Upper
64 100
66 31.6 23.8 35.8

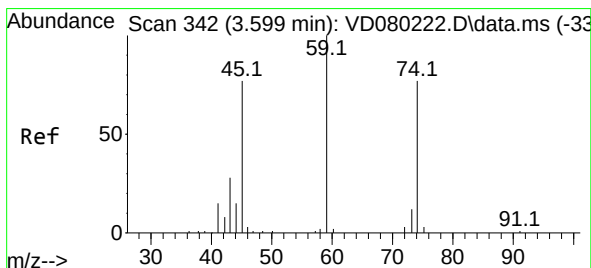
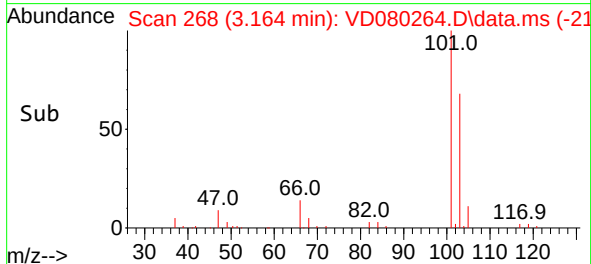
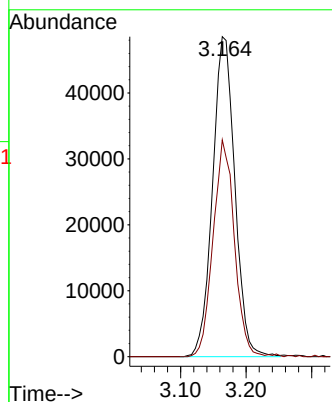
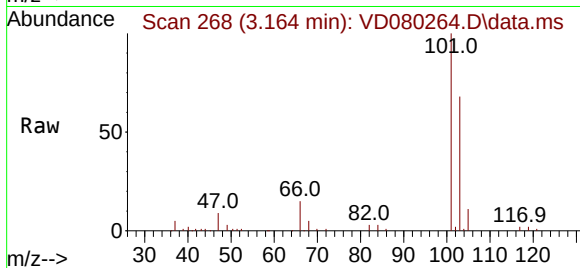




#7
Trichlorofluoromethane
Concen: 45.812 ug/l
RT: 3.164 min Scan# 21
Delta R.T. -0.011 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

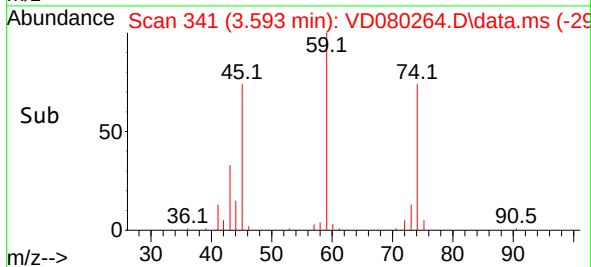
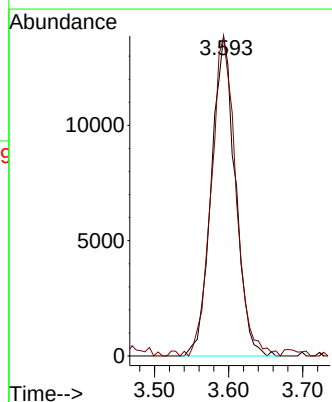
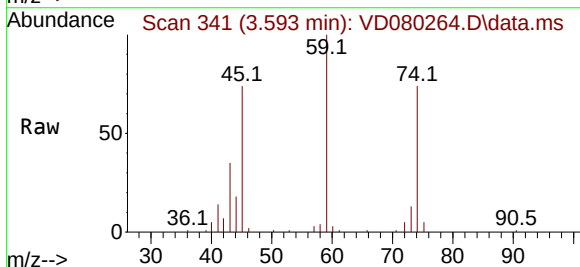
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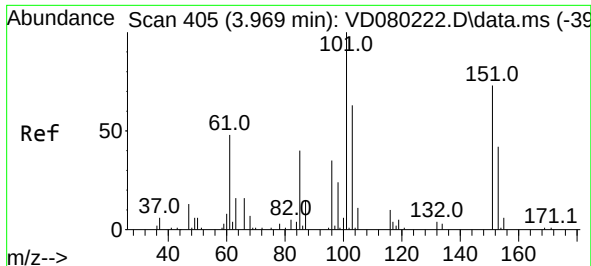
Tgt Ion:101 Resp: 114484
Ion Ratio Lower Upper
101 100
103 67.7 49.9 74.9



#8
Diethyl Ether
Concen: 45.654 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 74 Resp: 31211
Ion Ratio Lower Upper
74 100
45 102.6 51.0 153.1

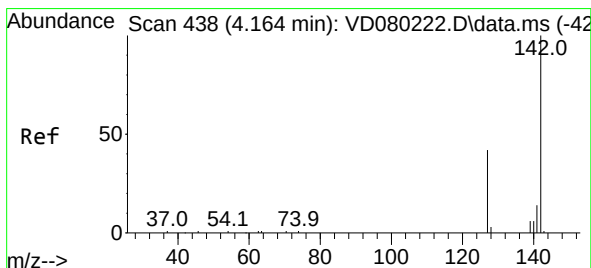
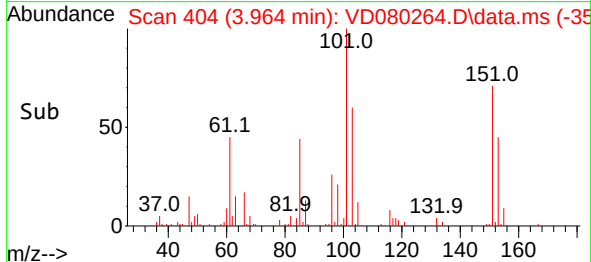
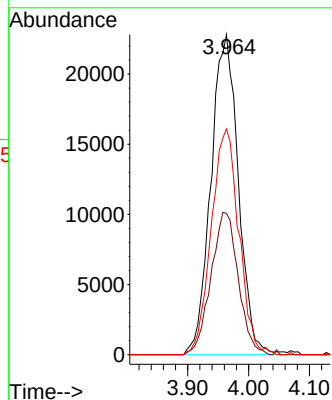
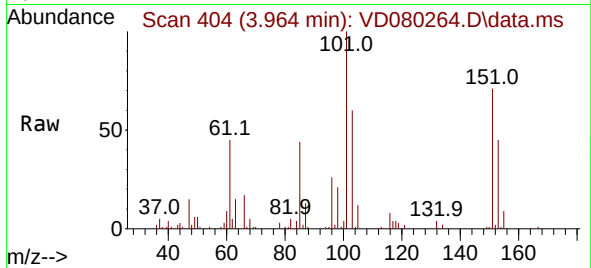




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.319 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
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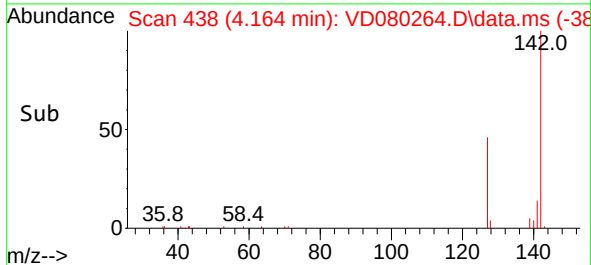
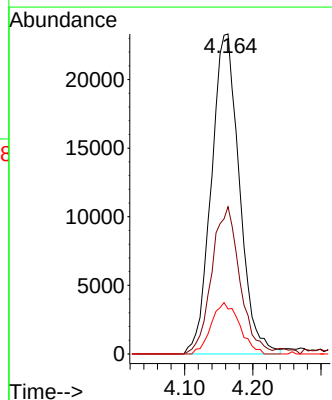
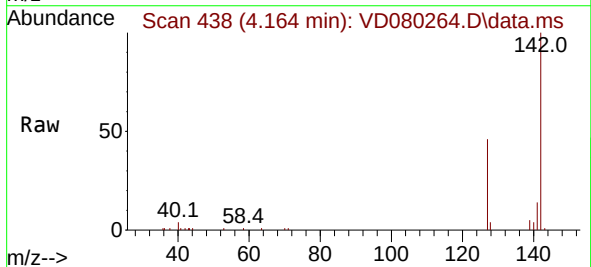
Instrument :
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ClientSampleId :
VSTDCCC050

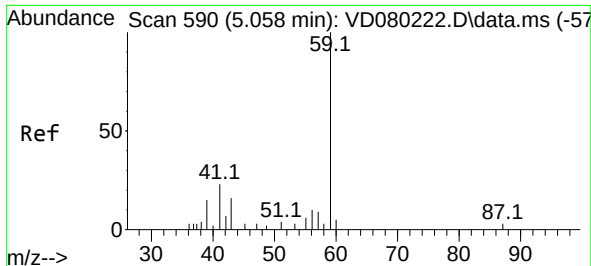
Tgt Ion:101 Resp: 71343
Ion Ratio Lower Upper
101 100
85 44.2 36.2 54.4
151 71.0 59.0 88.6



#10
Methyl Iodide
Concen: 53.317 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion:142 Resp: 66720
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.2
141 16.2 12.6 18.8

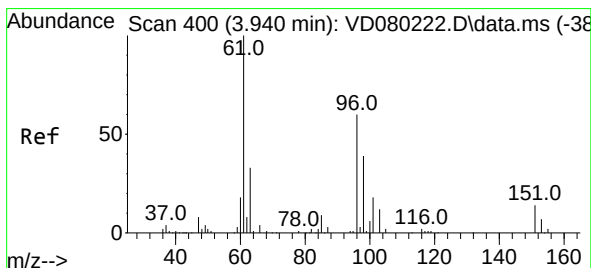
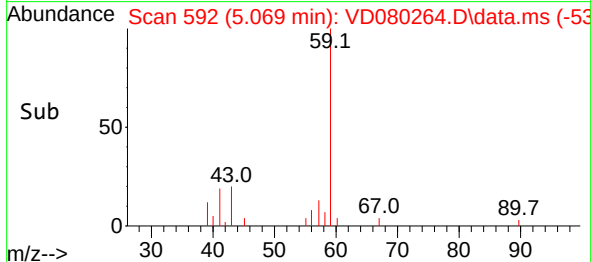
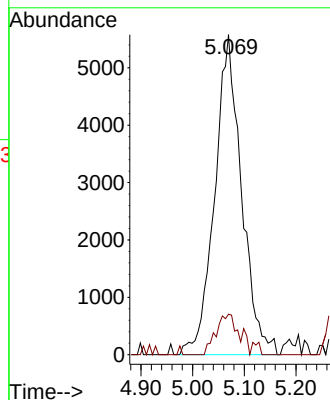
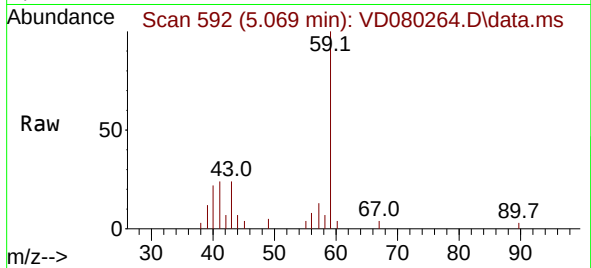




#11
Tert butyl alcohol
Concen: 233.937 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

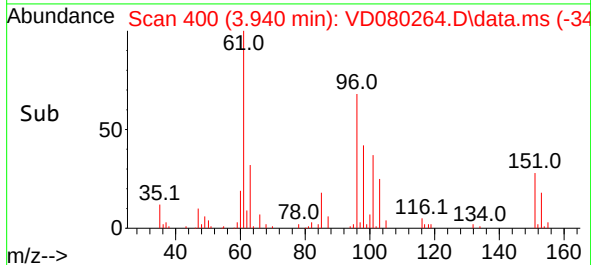
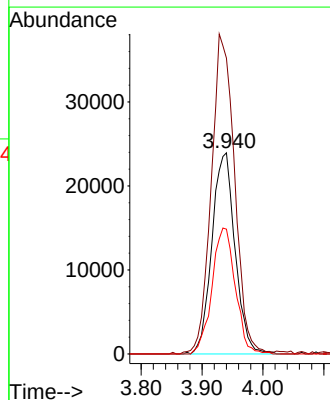
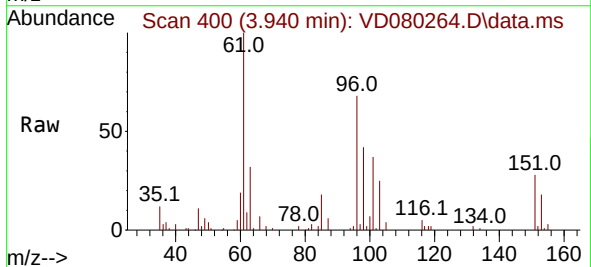
Instrument :
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ClientSampleId :
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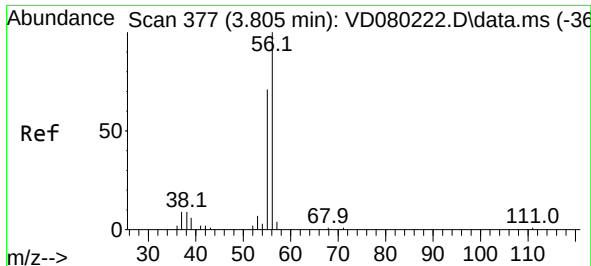
Tgt Ion: 59 Resp: 20114
Ion Ratio Lower Upper
59 100
57 10.8 7.2 10.8#



#12
1,1-Dichloroethene
Concen: 46.105 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 96 Resp: 63176
Ion Ratio Lower Upper
96 100
61 147.1 133.8 200.6
98 62.1 52.2 78.2

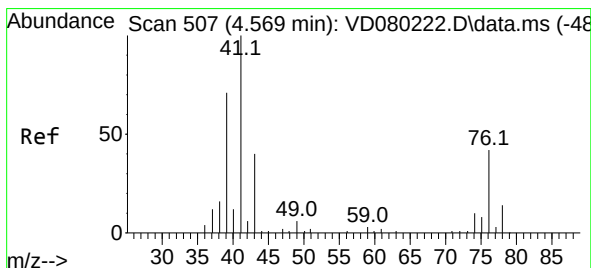
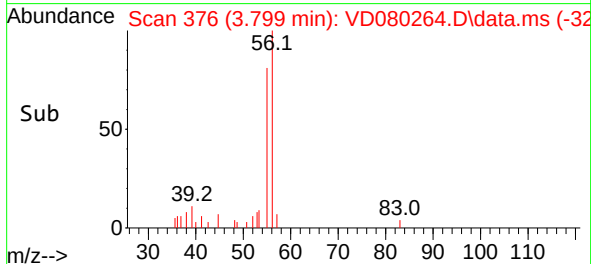
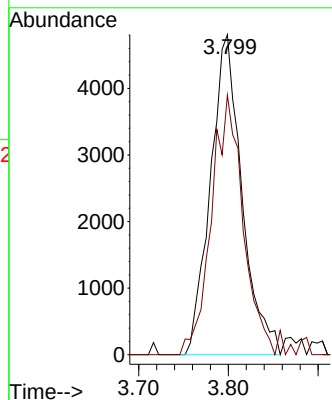
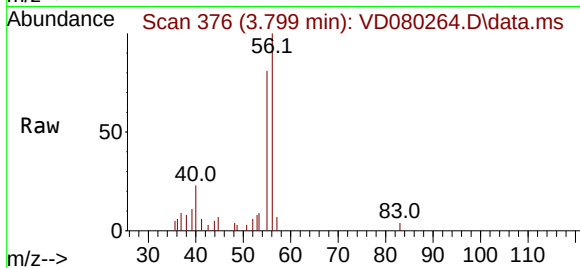




#13
Acrolein
Concen: 72.435 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

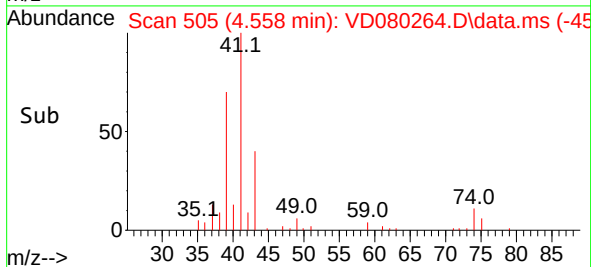
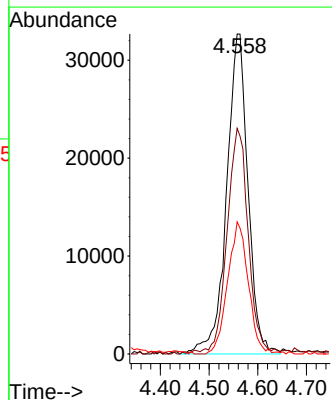
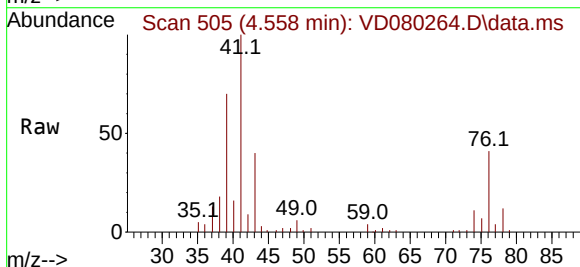
Instrument :
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ClientSampleId :
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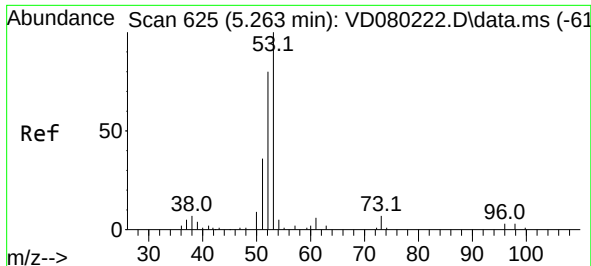
Tgt Ion: 56 Resp: 11743
Ion Ratio Lower Upper
56 100
55 80.8 57.8 86.8



#14
Allyl chloride
Concen: 47.173 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 41 Resp: 99616
Ion Ratio Lower Upper
41 100
39 69.9 55.0 82.4
76 39.8 31.0 46.4

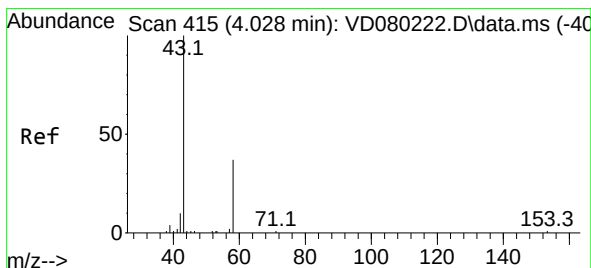
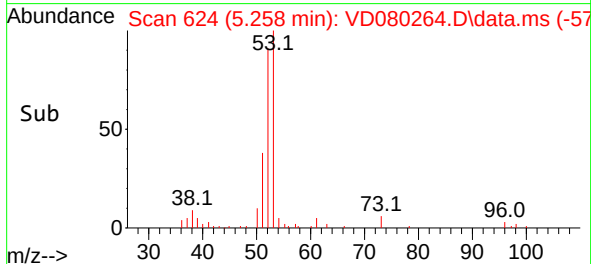
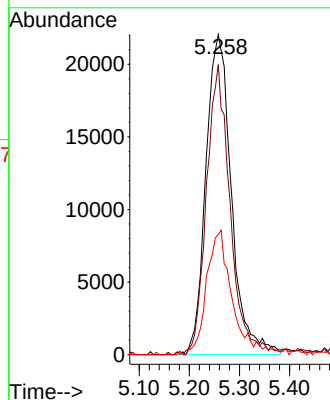
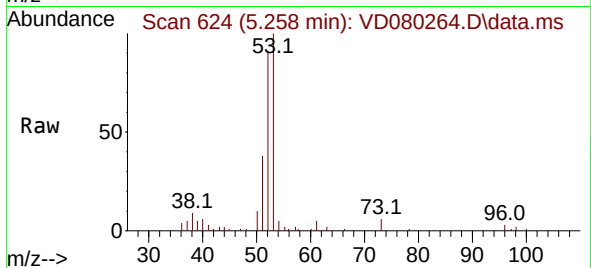




#15
Acrylonitrile
Concen: 237.690 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

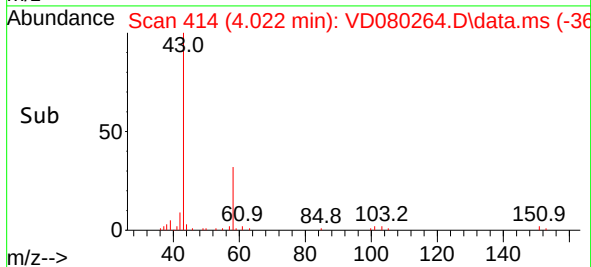
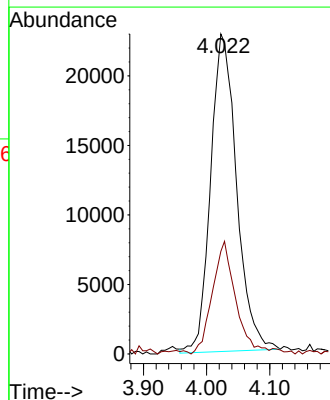
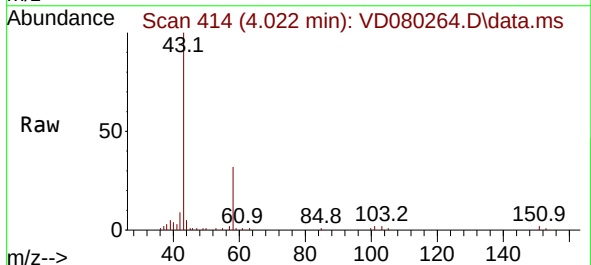
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

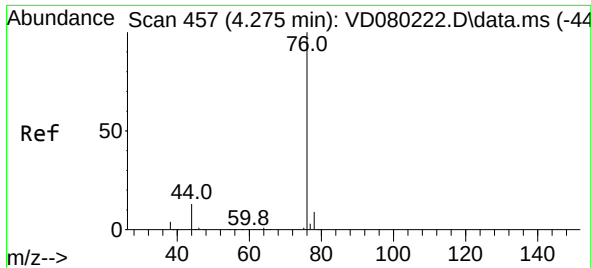
Tgt Ion: 53 Resp: 78070
Ion Ratio Lower Upper
53 100
52 83.9 65.9 98.9
51 38.6 30.1 45.1



#16
Acetone
Concen: 260.661 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 43 Resp: 65388
Ion Ratio Lower Upper
43 100
58 31.8 29.5 44.3

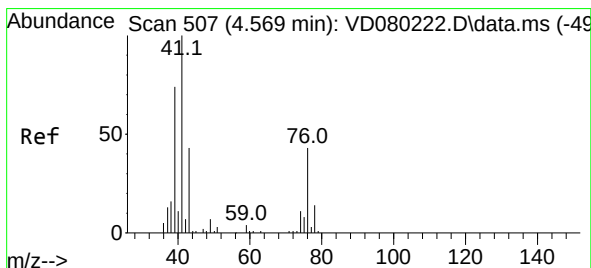
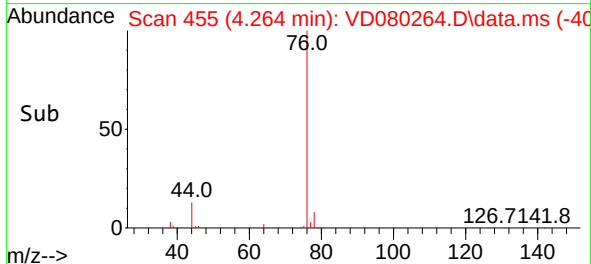
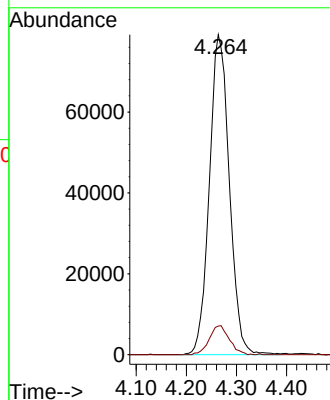
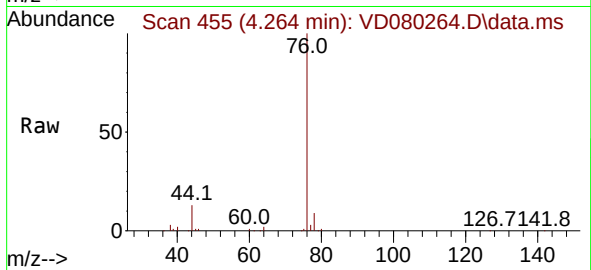




#17
Carbon Disulfide
Concen: 44.319 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

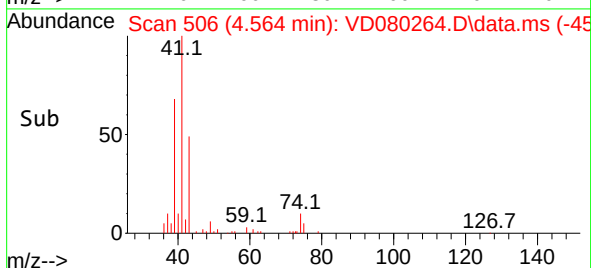
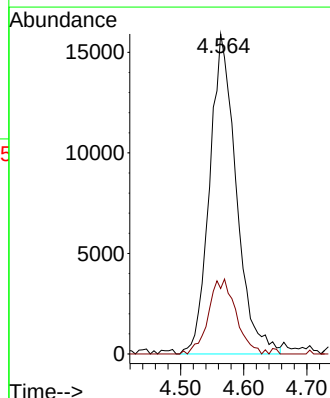
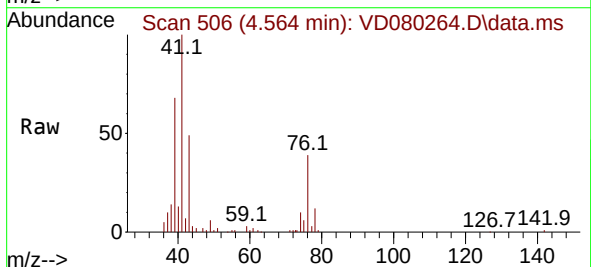
Instrument :
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ClientSampleId :
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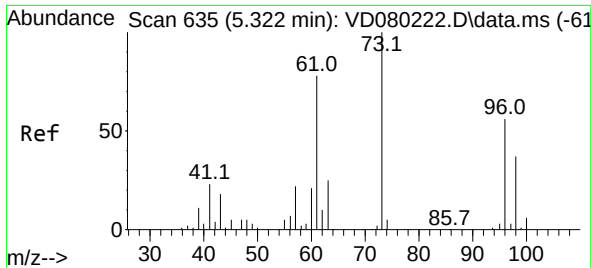
Tgt Ion: 76 Resp: 219026
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 55.232 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 43 Resp: 46750
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2

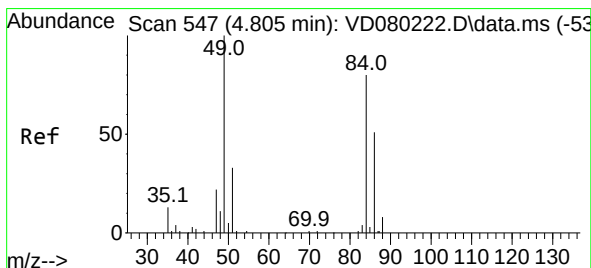
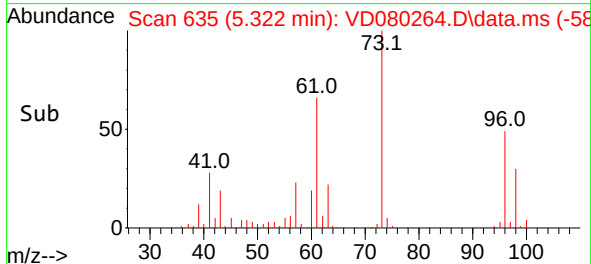
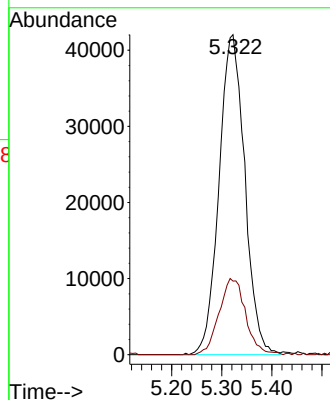
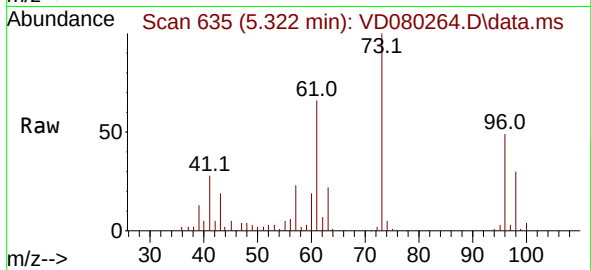




#19
Methyl tert-butyl Ether
Concen: 49.686 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

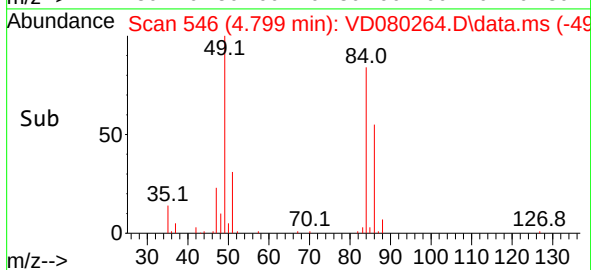
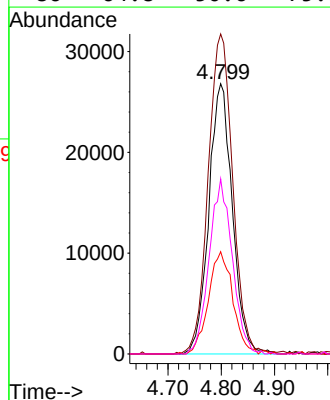
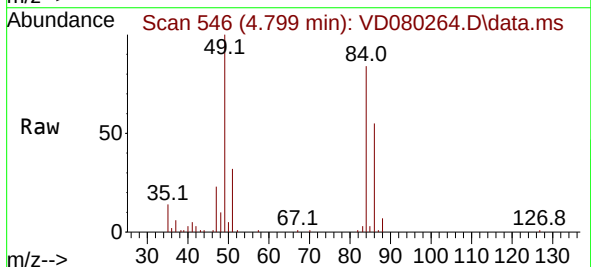
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

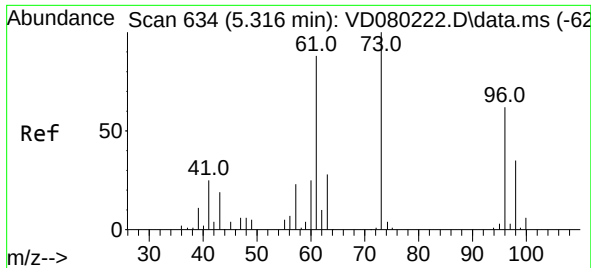
Tgt Ion: 73 Resp: 149892
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8



#20
Methylene Chloride
Concen: 48.359 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 84 Resp: 82322
Ion Ratio Lower Upper
84 100
49 118.4 99.4 149.2
51 37.8 32.6 49.0
86 64.8 50.6 75.8

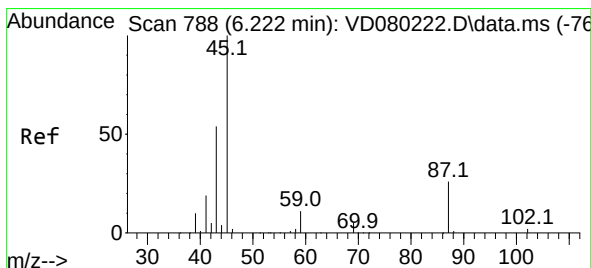
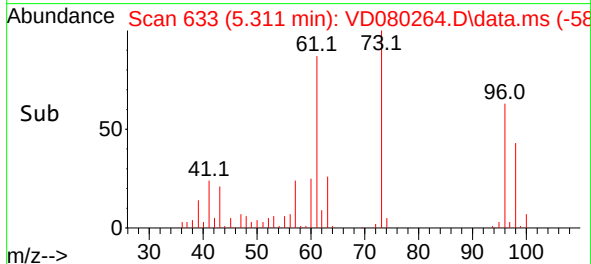
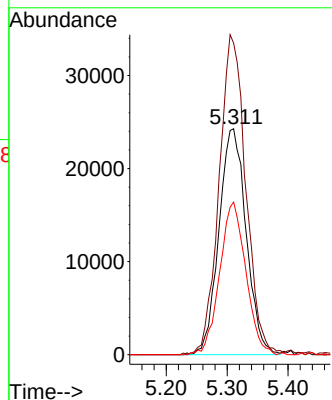
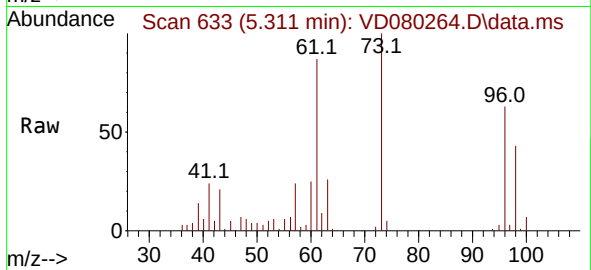




#21
trans-1,2-Dichloroethene
Concen: 48.467 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

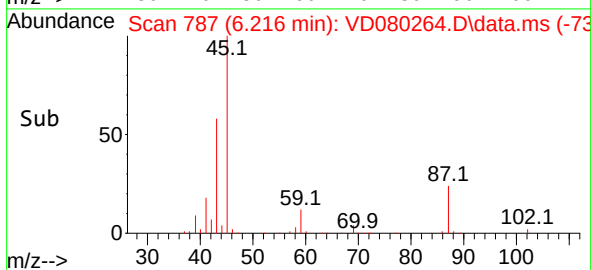
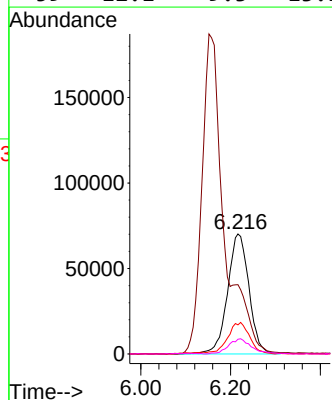
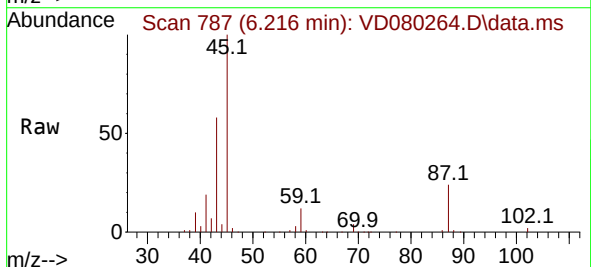
Instrument :
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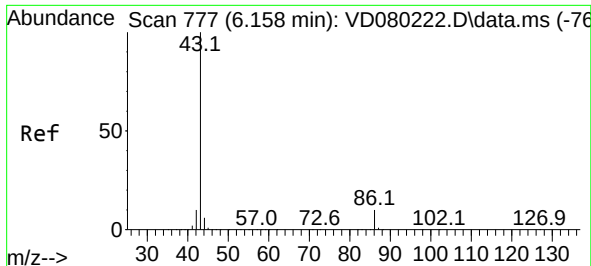
Tgt Ion: 96 Resp: 75450
Ion Ratio Lower Upper
96 100
61 137.9 113.7 170.5
98 67.6 45.4 68.2



#22
Diisopropyl ether
Concen: 52.871 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 45 Resp: 232351
Ion Ratio Lower Upper
45 100
43 57.2 44.3 66.5
87 24.0 20.5 30.7
59 12.1 9.3 13.9

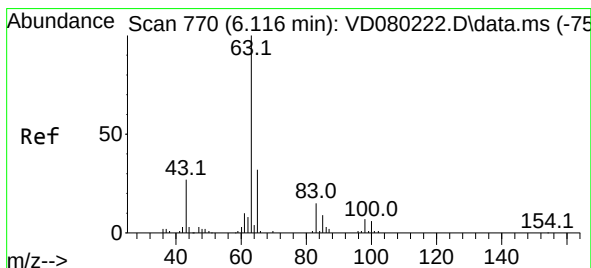
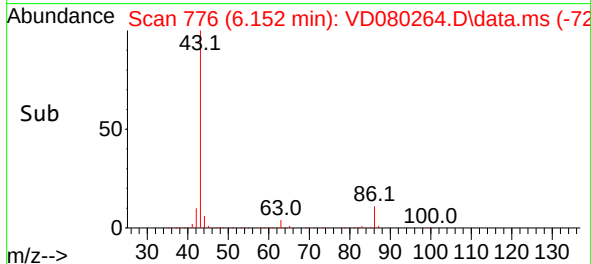
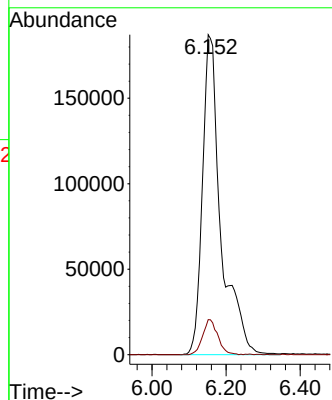
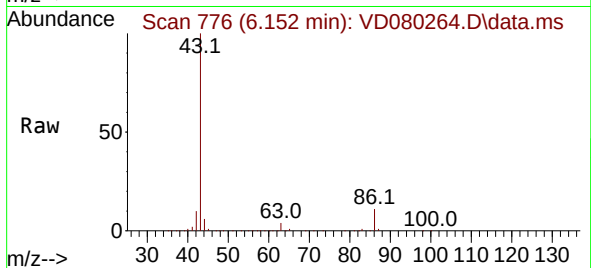




#23
 Vinyl Acetate
 Concen: 254.837 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD080264.D
 Acq: 25 Feb 2025 10:45

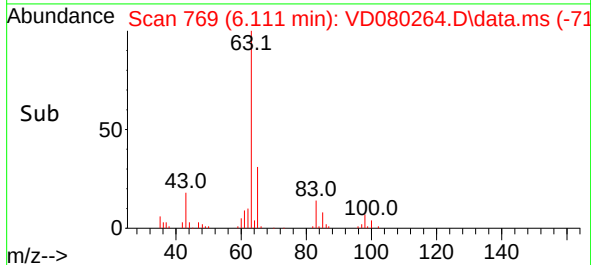
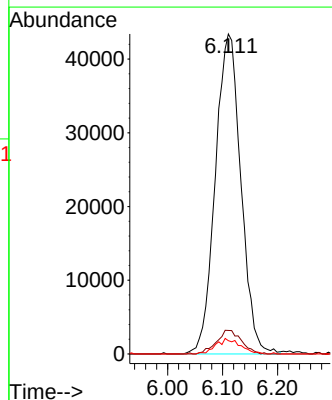
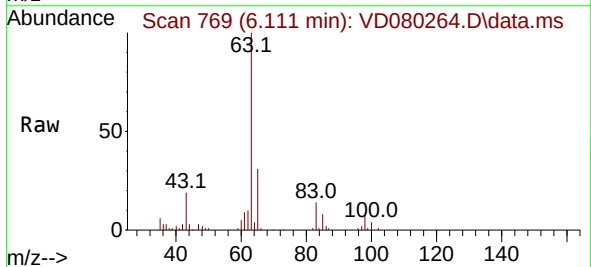
Instrument :
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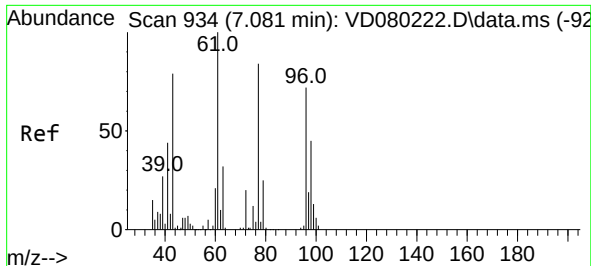
Tgt Ion: 43 Resp: 646572
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 48.746 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD080264.D
 Acq: 25 Feb 2025 10:45

Tgt Ion: 63 Resp: 140433
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.2 2.8 8.4

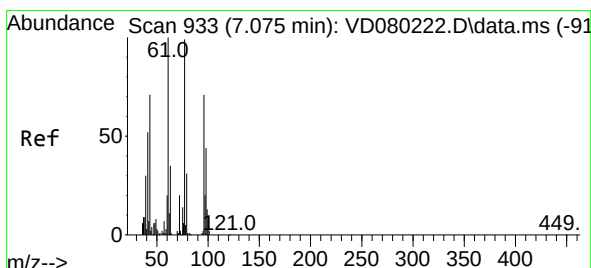
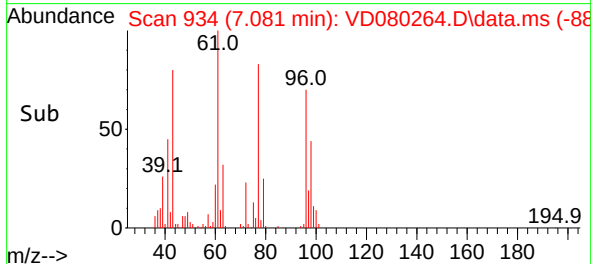
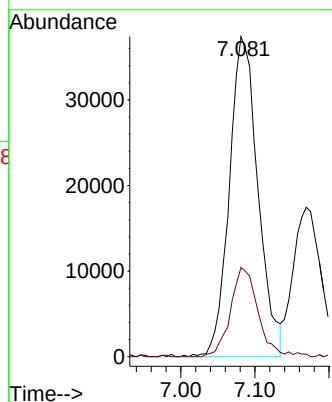
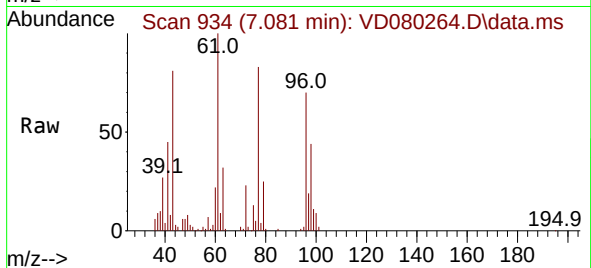




#25
2-Butanone
Concen: 258.284 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

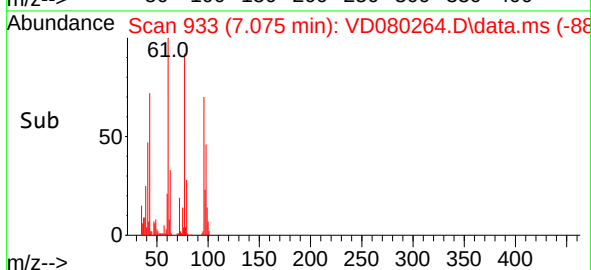
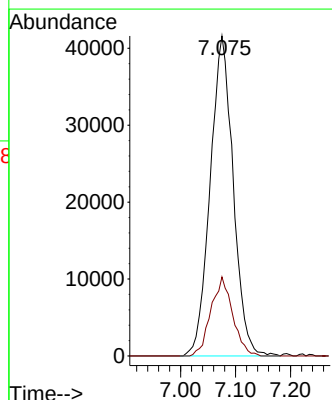
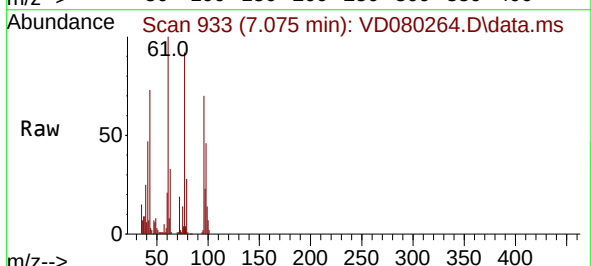
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

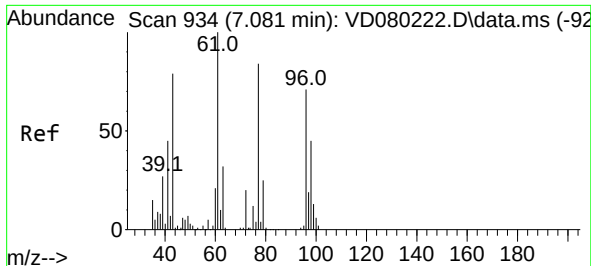
Tgt Ion: 43 Resp: 100497
Ion Ratio Lower Upper
43 100
72 27.9 19.9 29.9



#26
2,2-Dichloropropane
Concen: 48.417 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 77 Resp: 120980
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.8

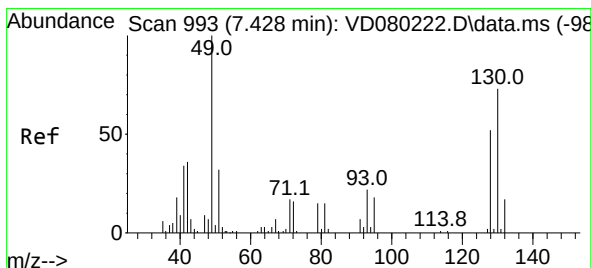
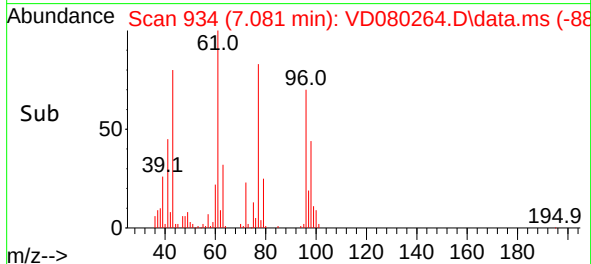
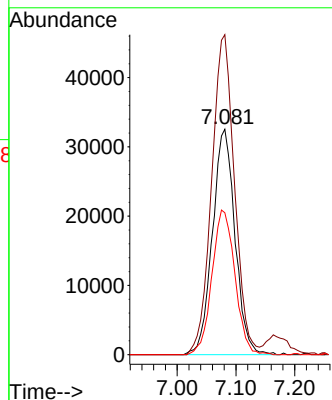
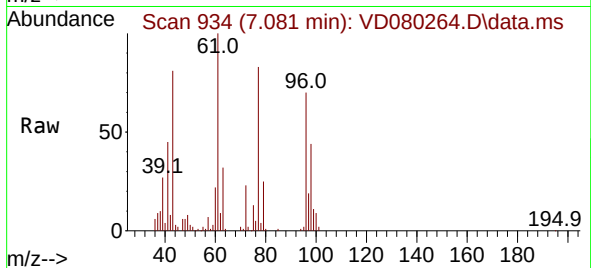




#27
cis-1,2-Dichloroethene
Concen: 49.415 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

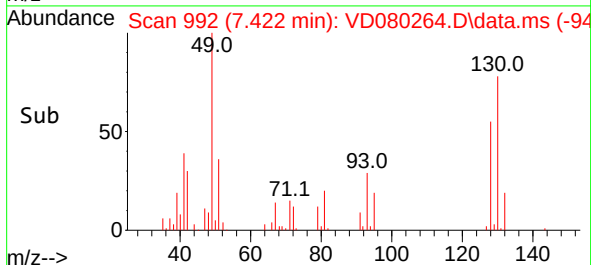
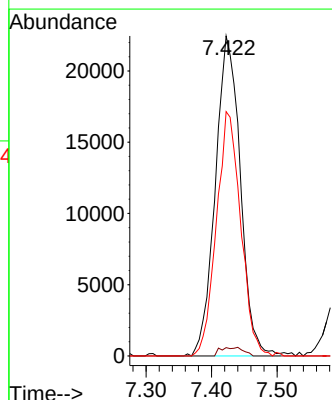
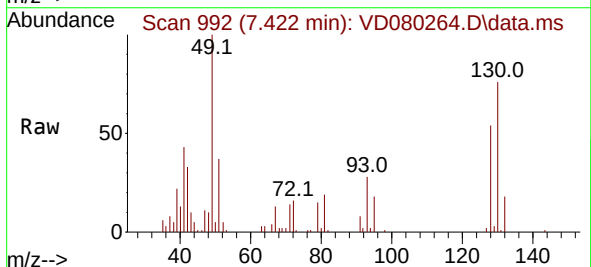
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

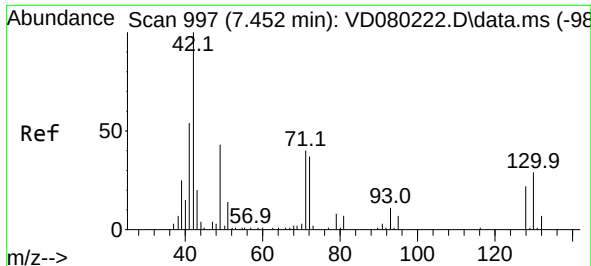
Tgt Ion: 96 Resp: 86905
Ion Ratio Lower Upper
96 100
61 143.6 0.0 297.4
98 65.3 0.0 131.0



#28
Bromochloromethane
Concen: 45.149 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 49 Resp: 59356
Ion Ratio Lower Upper
49 100
129 2.5 0.0 1.8#
130 74.1 55.3 82.9





#29

Tetrahydrofuran

Concen: 247.266 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

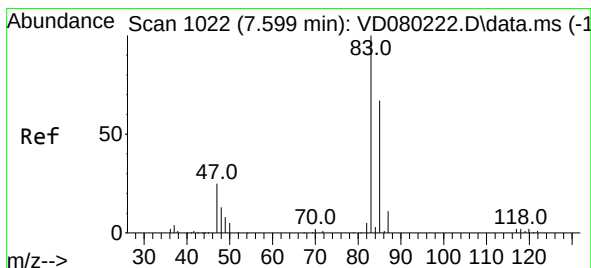
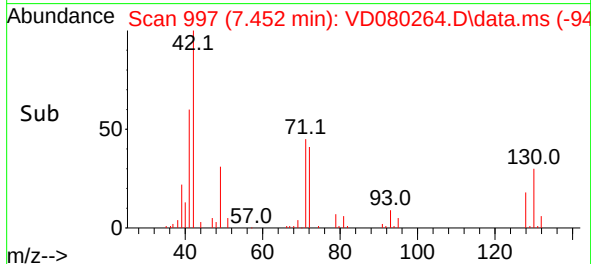
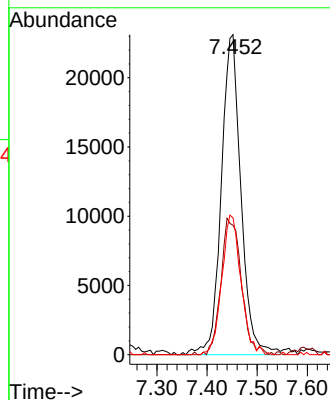
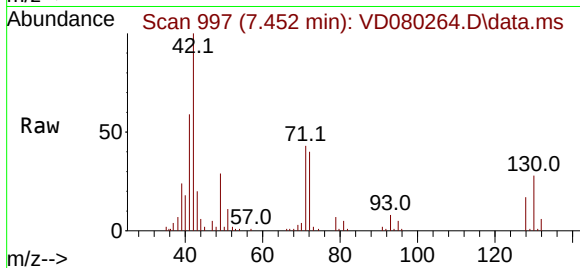
Tgt Ion: 42 Resp: 63015

Ion Ratio Lower Upper

42 100

72 44.0 33.5 50.3

71 42.7 32.9 49.3



#30

Chloroform

Concen: 50.478 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD080264.D

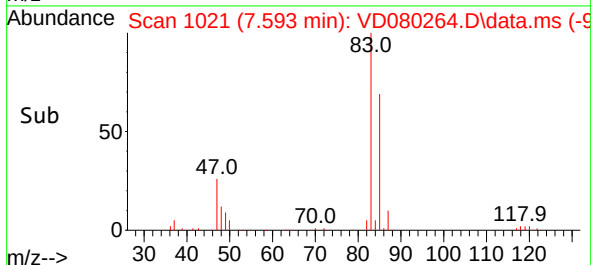
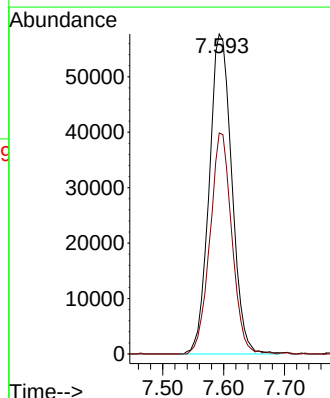
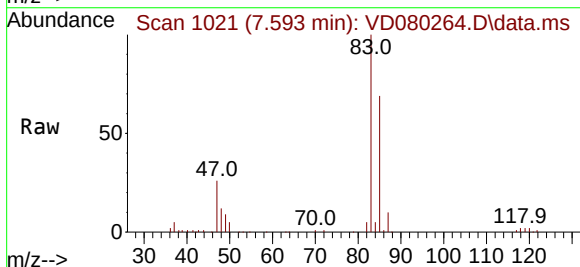
Acq: 25 Feb 2025 10:45

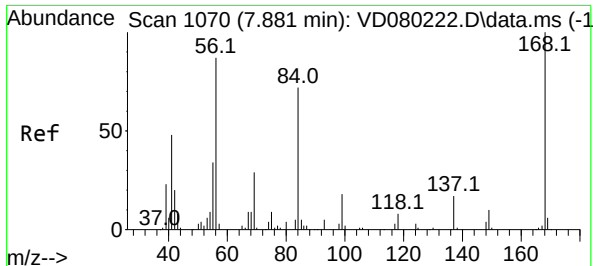
Tgt Ion: 83 Resp: 148678

Ion Ratio Lower Upper

83 100

85 69.0 53.7 80.5

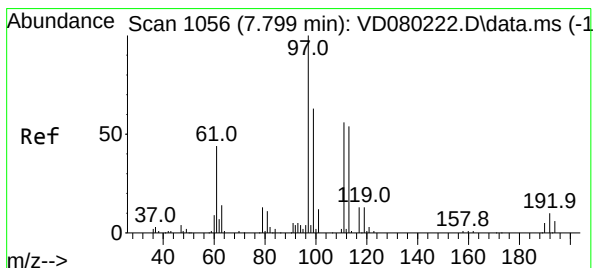
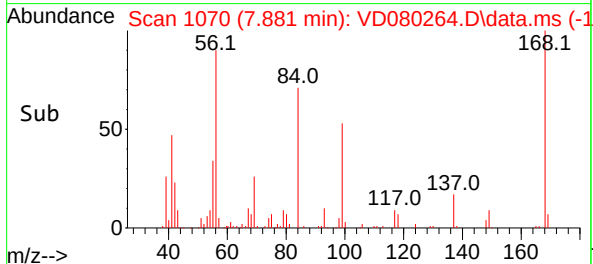
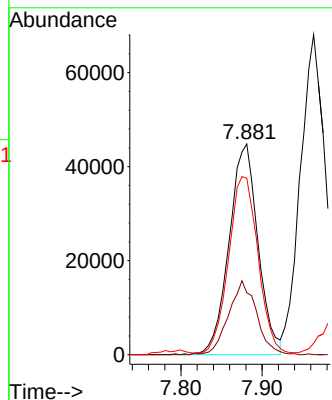
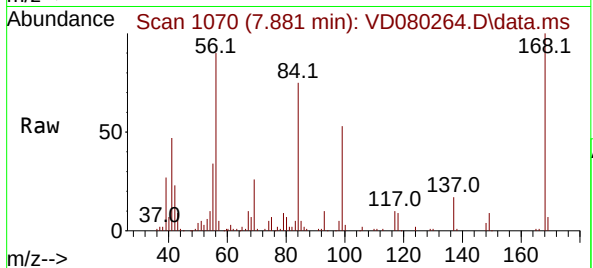




#31
Cyclohexane
Concen: 48.155 ug/l
RT: 7.881 min Scan# 11055
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

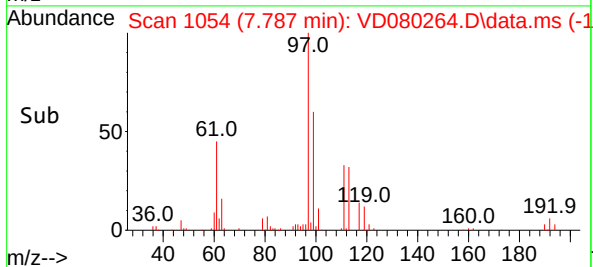
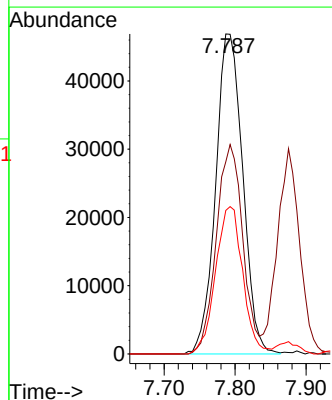
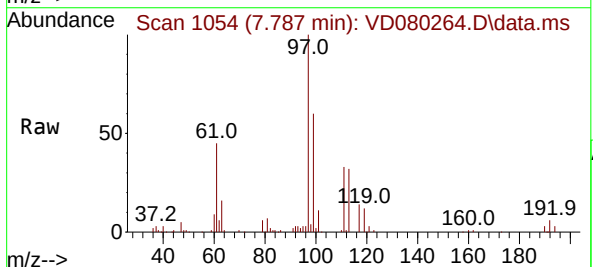
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

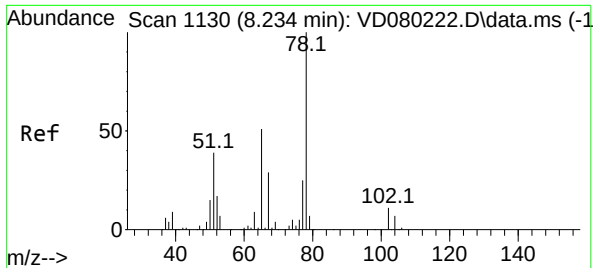
Tgt Ion: 56 Resp: 111055
Ion Ratio Lower Upper
56 100
69 29.4 27.0 40.4
84 81.5 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 50.387 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.012 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 97 Resp: 124163
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 46.3 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 47.594 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

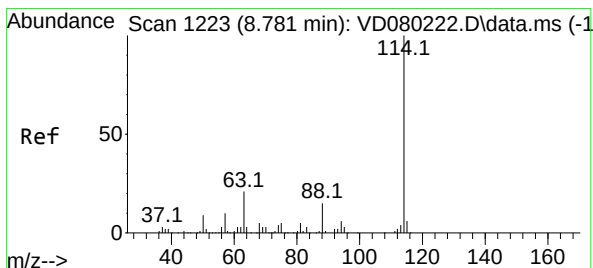
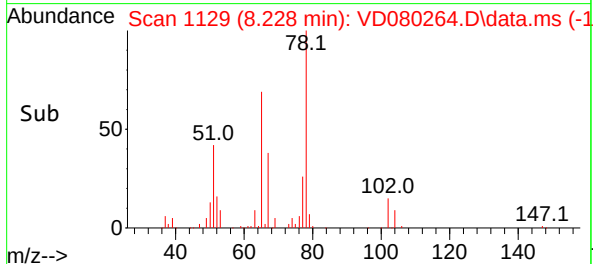
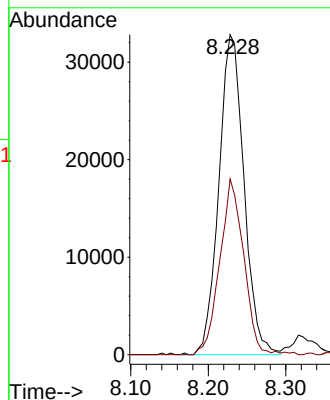
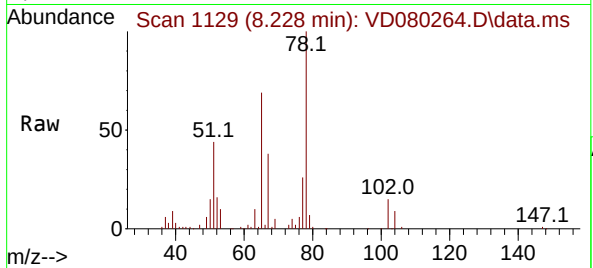
VSTDCCC050

Tgt Ion: 65 Resp: 74082

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

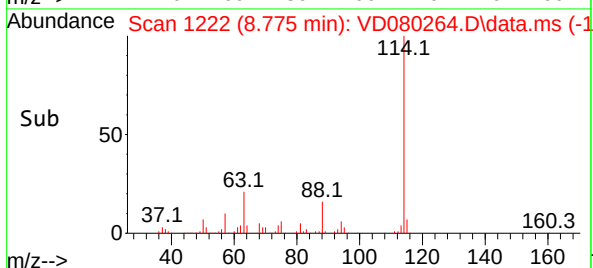
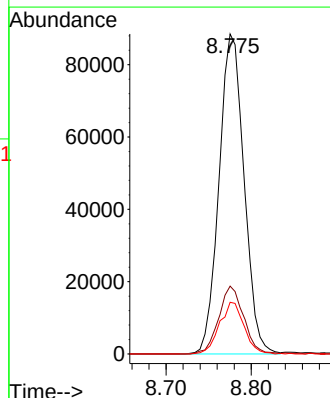
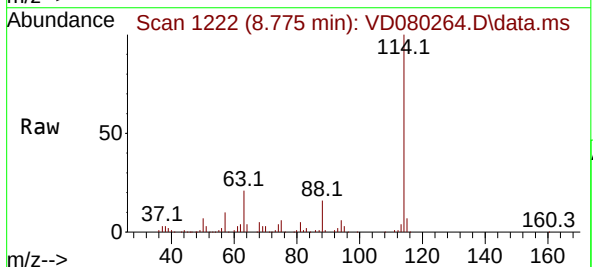
Tgt Ion: 114 Resp: 180710

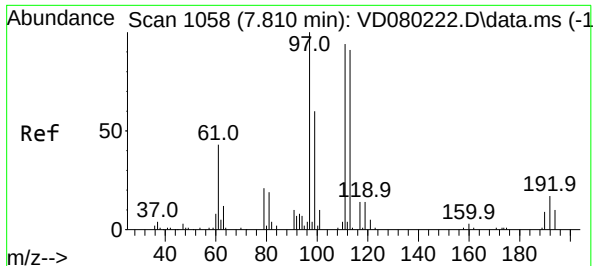
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.8

88 16.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.805 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

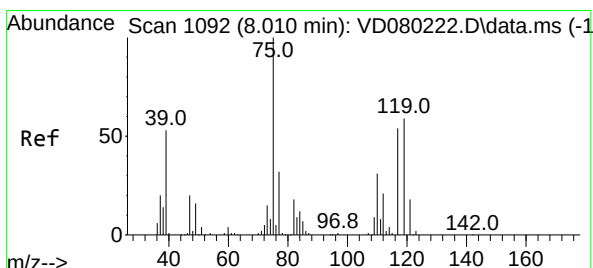
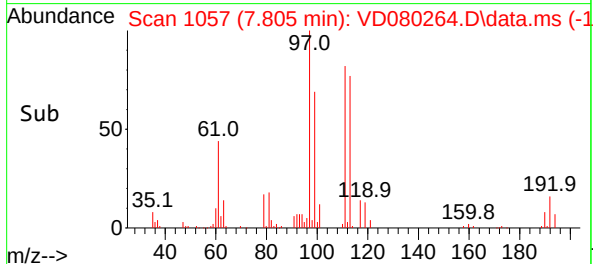
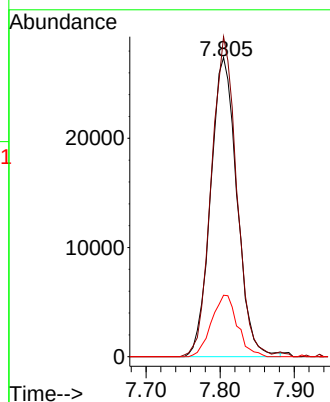
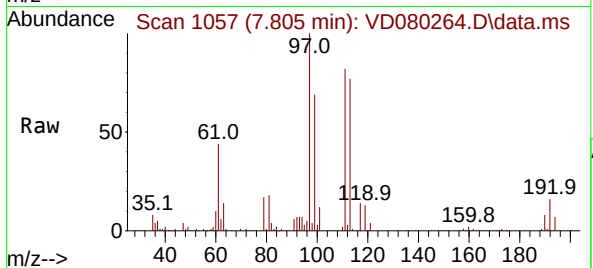
Tgt Ion:113 Resp: 67630

Ion Ratio Lower Upper

113 100

111 102.6 85.0 127.4

192 20.3 15.5 23.3



#36

1,1-Dichloropropene

Concen: 56.276 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

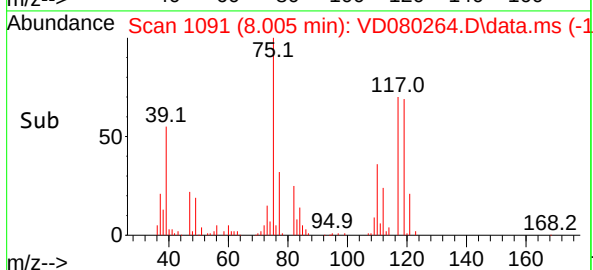
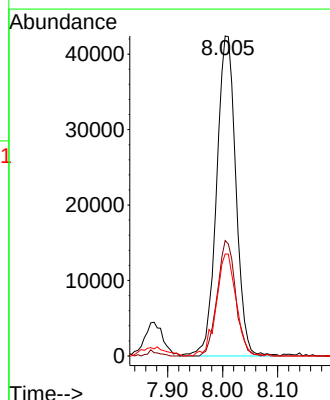
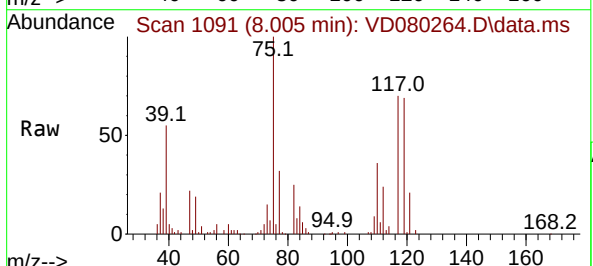
Tgt Ion: 75 Resp: 103234

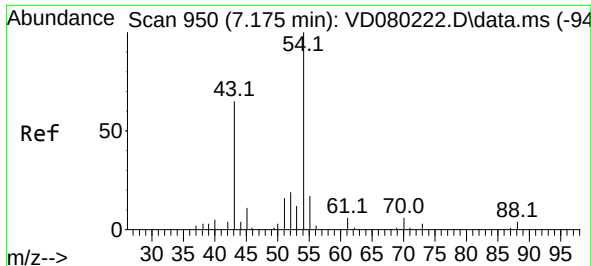
Ion Ratio Lower Upper

75 100

110 34.4 17.1 51.2

77 32.8 25.6 38.4





#37

Ethyl Acetate

Concen: 52.310 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

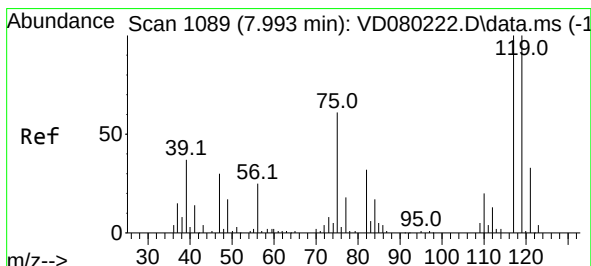
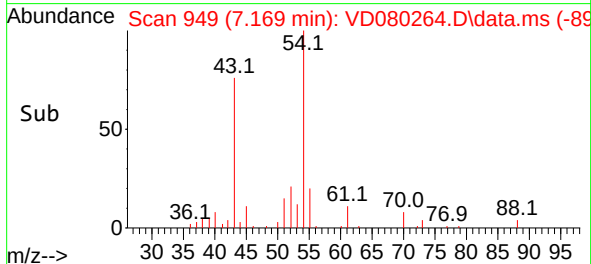
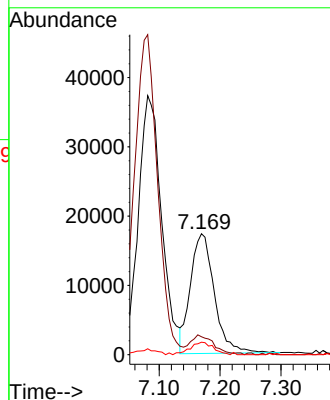
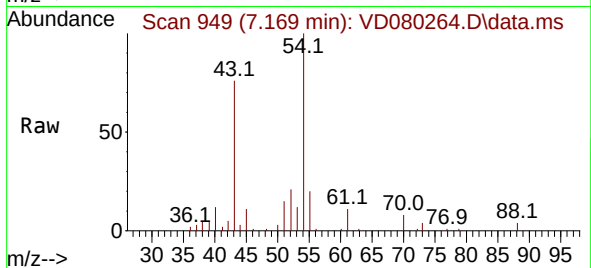
Tgt Ion: 43 Resp: 47054

Ion Ratio Lower Upper

43 100

61 16.1 11.4 17.0

70 10.0 8.2 12.2



#38

Carbon Tetrachloride

Concen: 56.748 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

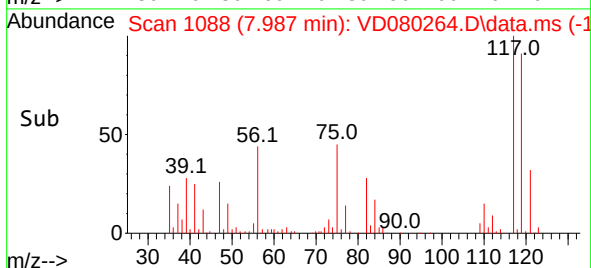
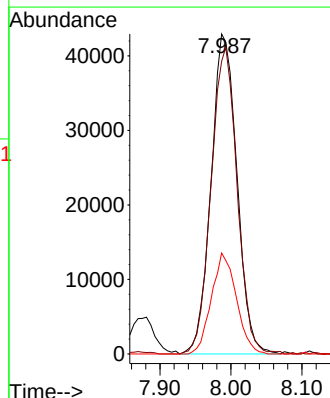
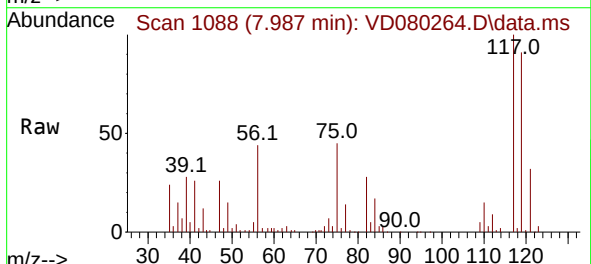
Tgt Ion: 117 Resp: 108734

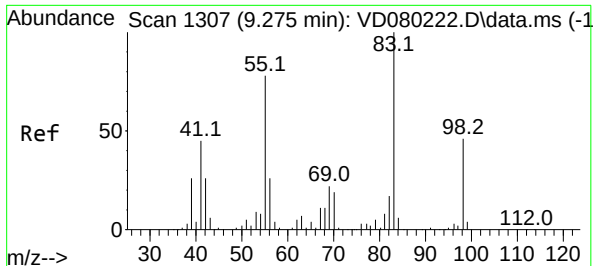
Ion Ratio Lower Upper

117 100

119 91.5 79.8 119.6

121 31.6 26.6 39.8





#39

Methylcyclohexane

Concen: 58.935 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

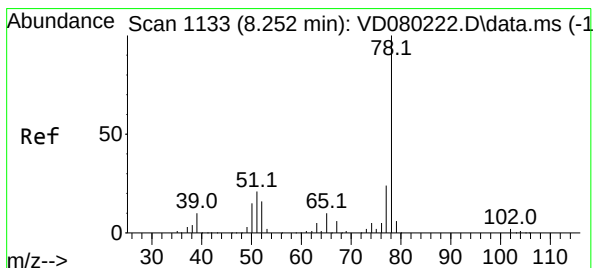
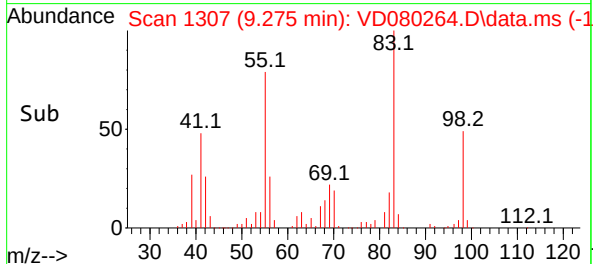
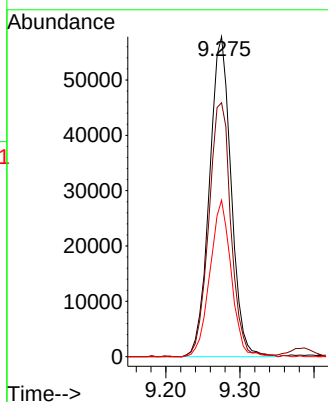
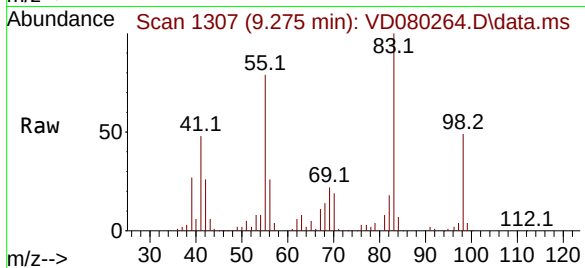
Tgt Ion: 83 Resp: 117455

Ion Ratio Lower Upper

83 100

55 79.3 62.5 93.7

98 48.9 37.1 55.7



#40

Benzene

Concen: 54.621 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD080264.D

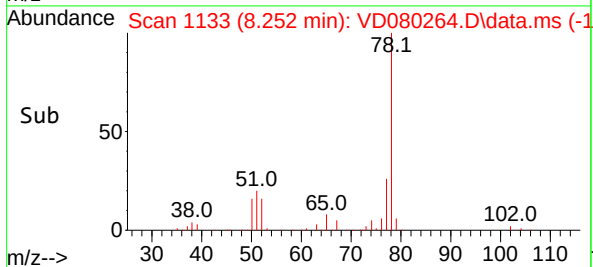
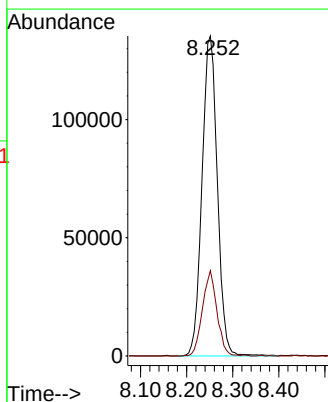
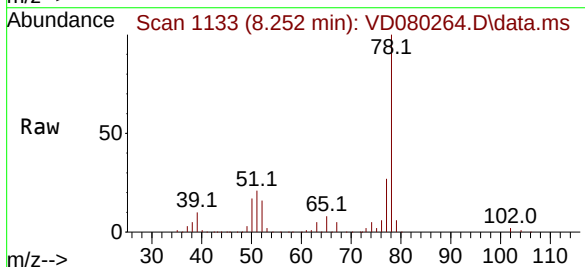
Acq: 25 Feb 2025 10:45

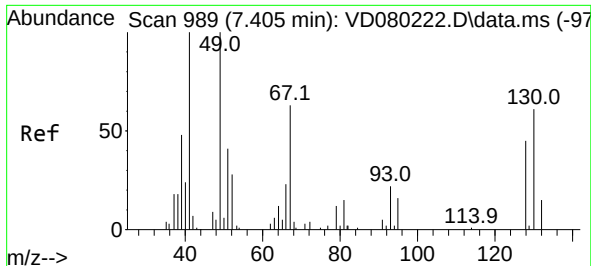
Tgt Ion: 78 Resp: 314069

Ion Ratio Lower Upper

78 100

77 26.7 19.2 28.8



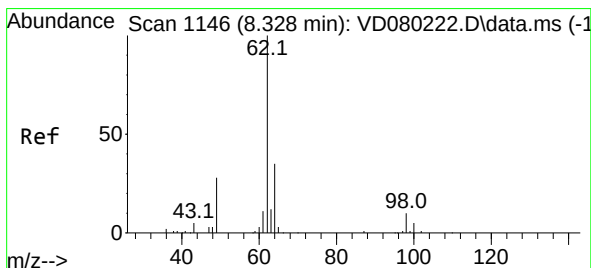
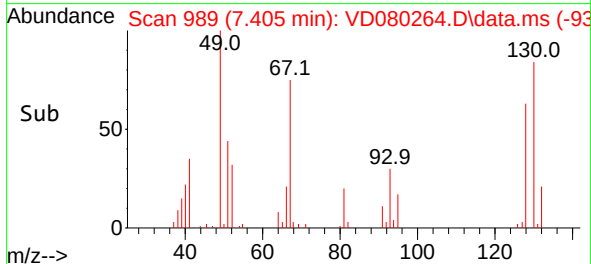
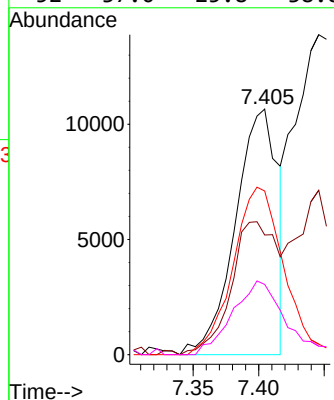
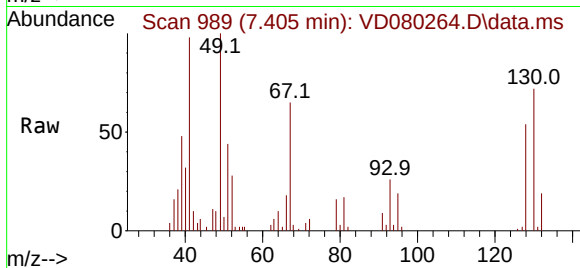


#41
Methacrylonitrile
Concen: 48.550 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 24039

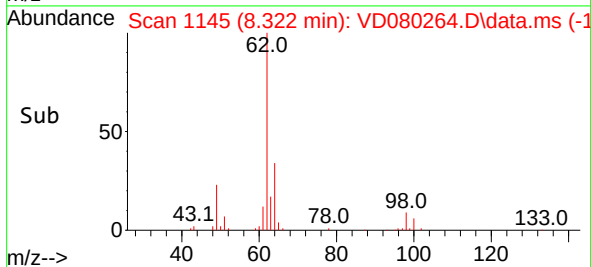
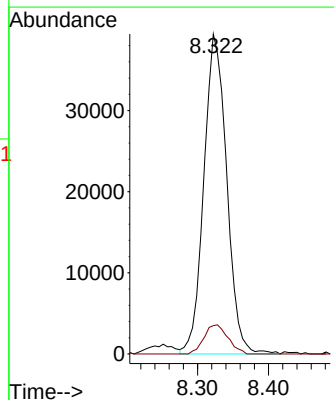
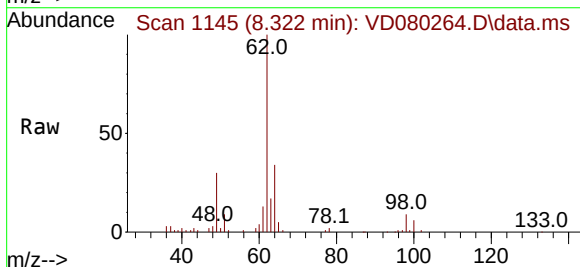
Ion	Ratio	Lower	Upper
41	100		
39	58.2	44.7	67.1
67	81.4	55.0	82.4
52	37.0	25.8	38.8

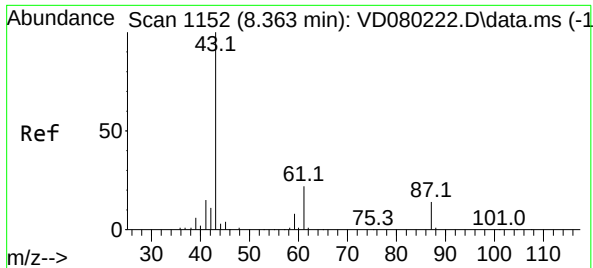


#42
1,2-Dichloroethane
Concen: 53.926 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 62 Resp: 88237

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4

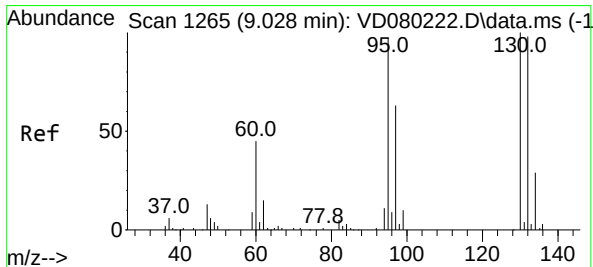
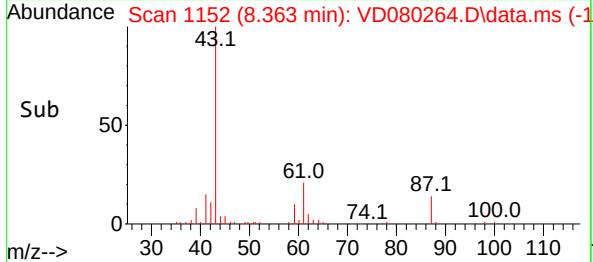
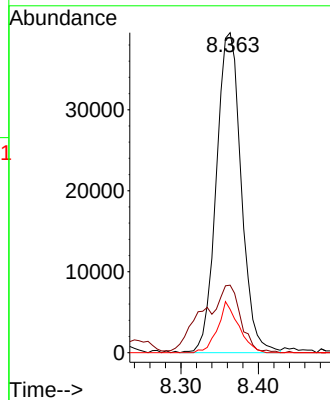
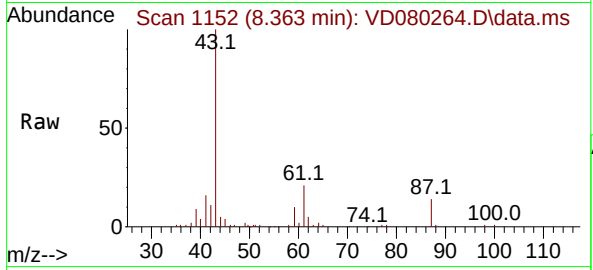




#43
Isopropyl Acetate
Concen: 55.218 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

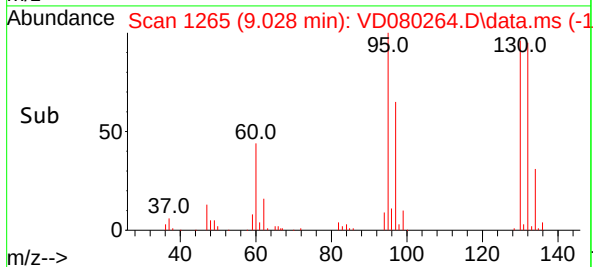
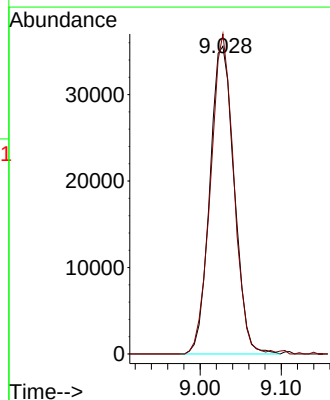
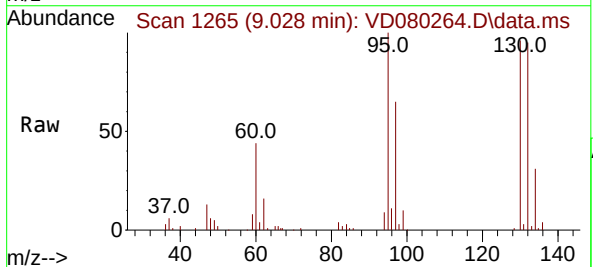
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

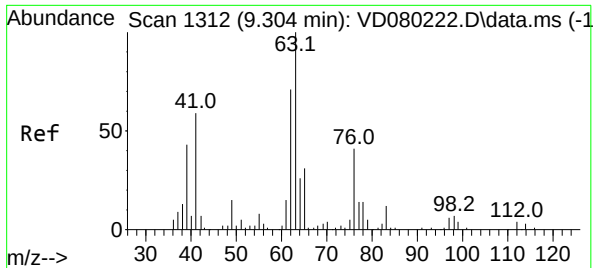
Tgt Ion: 43	Resp: 88152
Ion Ratio	Lower Upper
43	100
61	32.0 25.0 37.4
87	13.5 10.7 16.1



#44
Trichloroethene
Concen: 55.978 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 130	Resp: 74357
Ion Ratio	Lower Upper
130	100
95	104.0 0.0 194.2





#45

1,2-Dichloropropane

Concen: 56.197 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

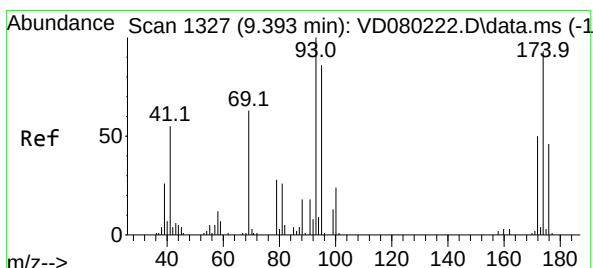
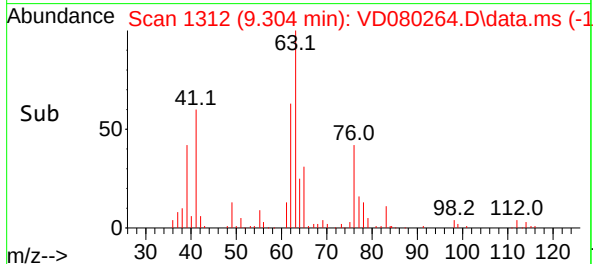
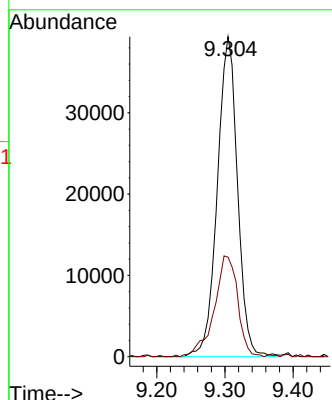
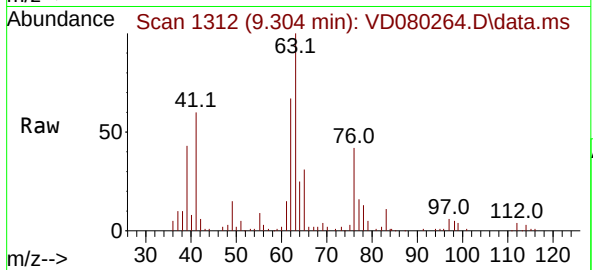
VSTDCCC050

Tgt Ion: 63 Resp: 81277

Ion Ratio Lower Upper

63 100

65 31.1 24.6 36.8



#46

Dibromomethane

Concen: 57.267 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

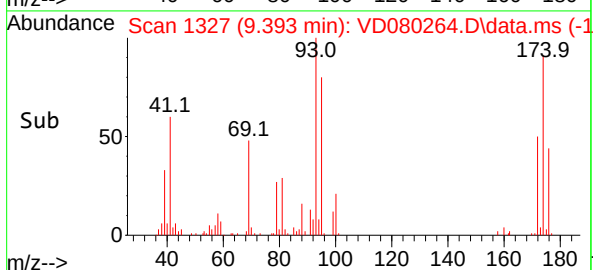
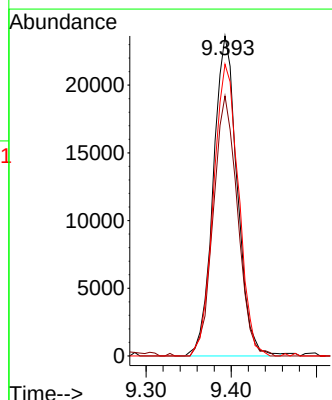
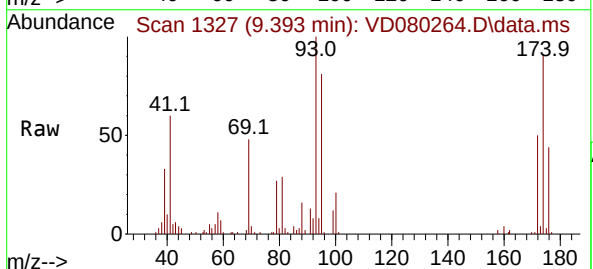
Tgt Ion: 93 Resp: 46144

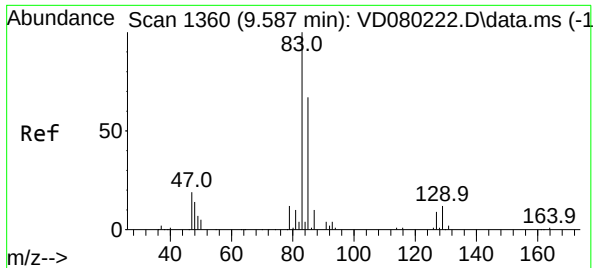
Ion Ratio Lower Upper

93 100

95 82.4 66.8 100.2

174 95.0 76.8 115.2

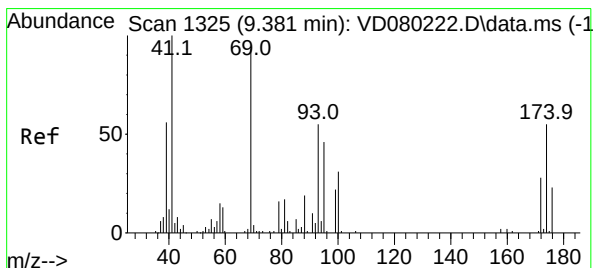
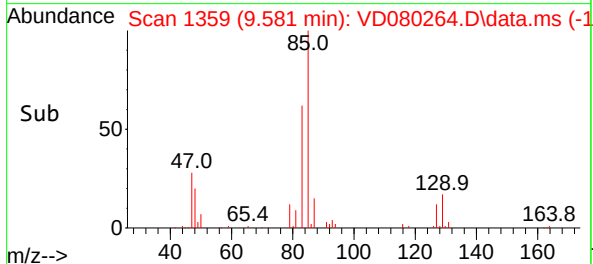
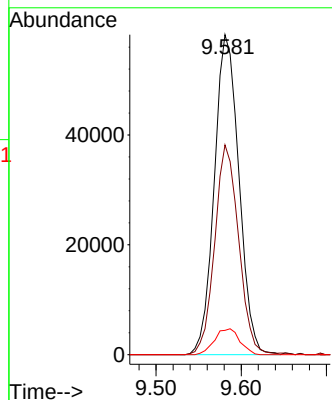
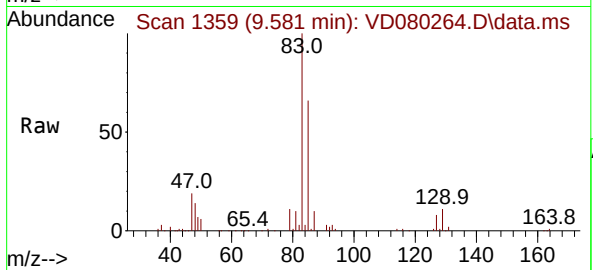




#47
Bromodichloromethane
Concen: 57.513 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

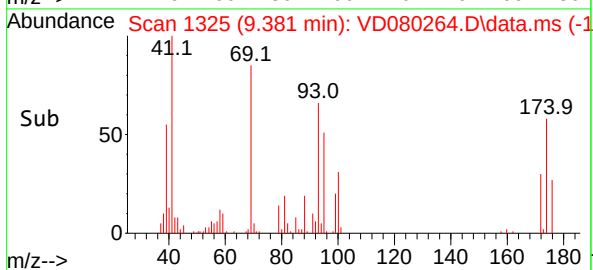
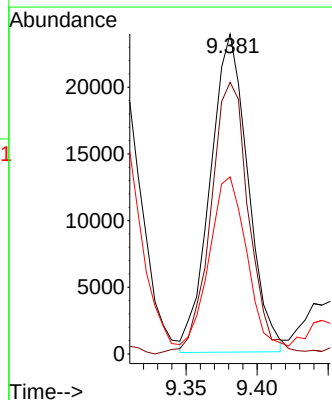
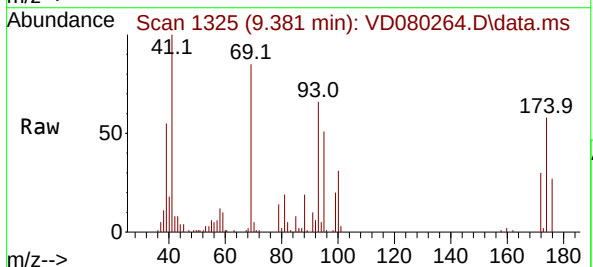
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

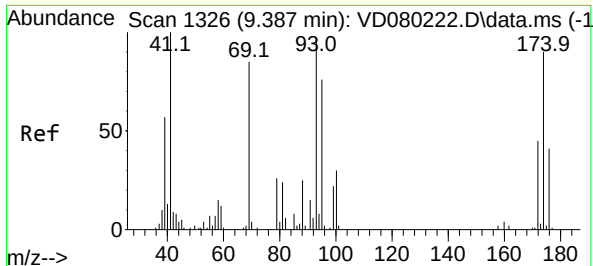
Tgt Ion: 83 Resp: 116865
Ion Ratio Lower Upper
83 100
85 65.5 53.6 80.4
127 7.6 7.4 11.2



#48
Methyl methacrylate
Concen: 59.631 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 41 Resp: 44053
Ion Ratio Lower Upper
41 100
69 86.3 73.7 110.5
39 51.8 49.4 74.2





#49

1,4-Dioxane

Concen: 1222.731 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

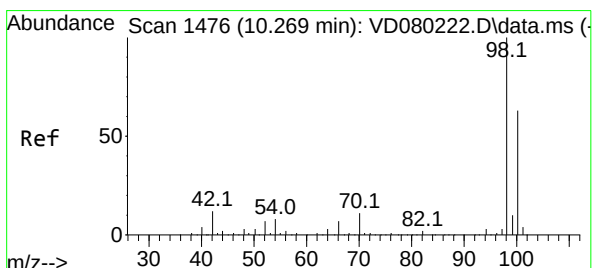
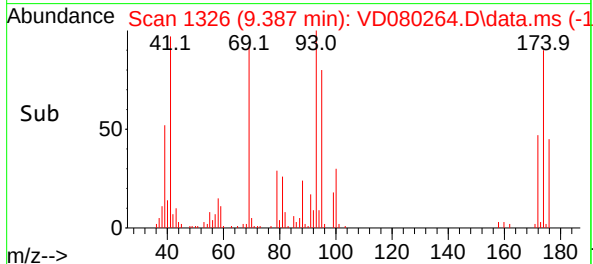
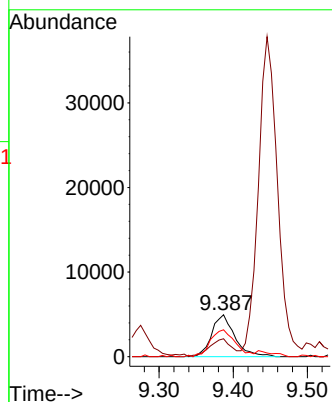
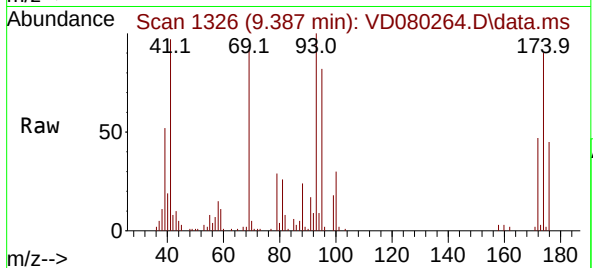
Tgt Ion: 88 Resp: 10718

Ion Ratio Lower Upper

88 100

43 41.4 28.5 42.7

58 69.2 56.3 84.5



#50

Toluene-d8

Concen: 56.334 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080264.D

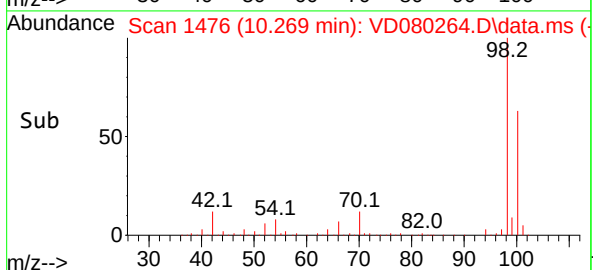
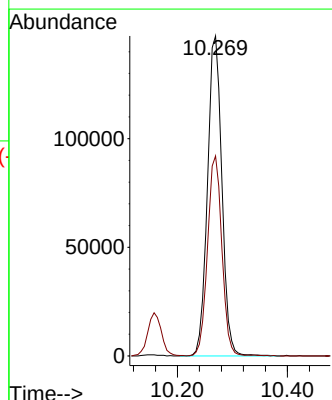
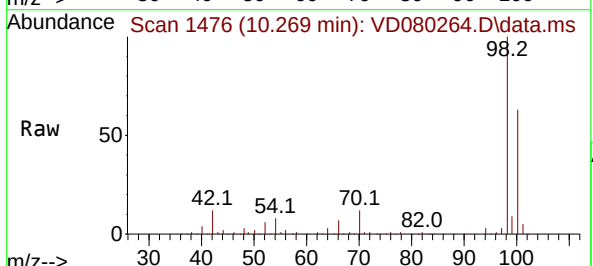
Acq: 25 Feb 2025 10:45

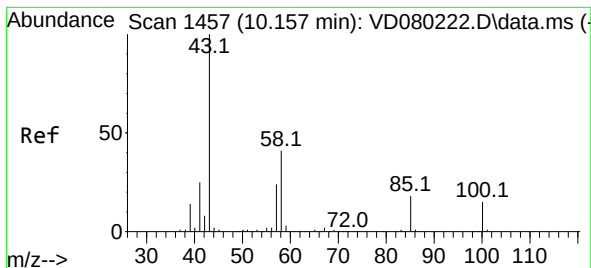
Tgt Ion: 98 Resp: 267560

Ion Ratio Lower Upper

98 100

100 62.2 50.2 75.4

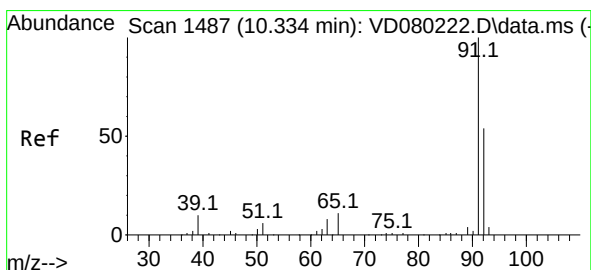
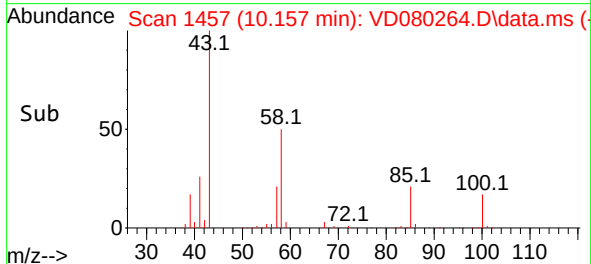
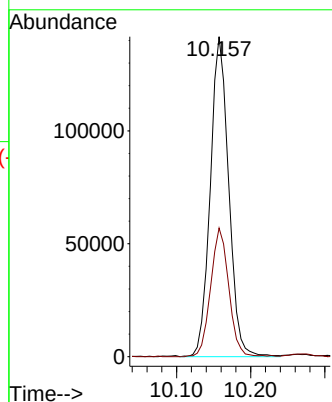
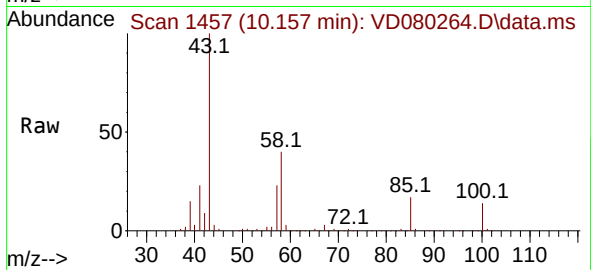




#51
4-Methyl-2-Pentanone
Concen: 303.038 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

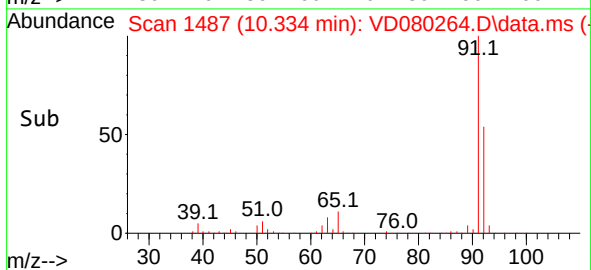
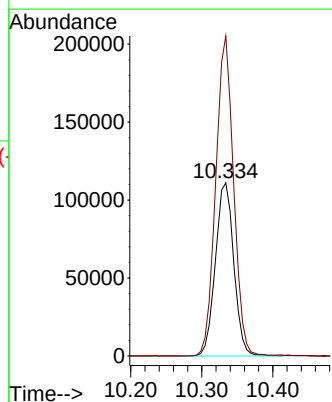
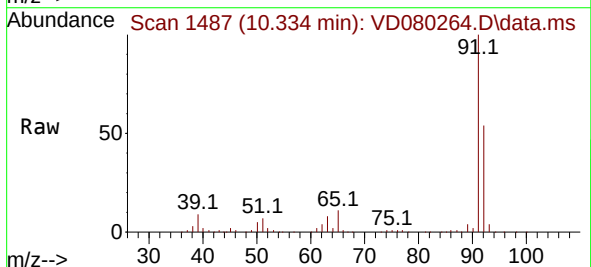
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

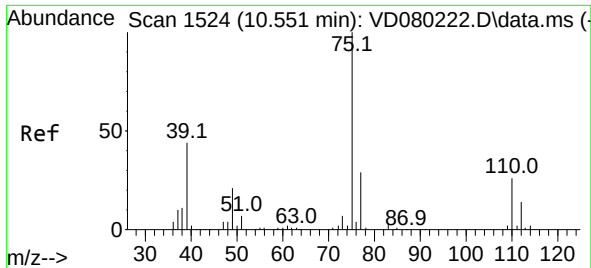
Tgt Ion: 43 Resp: 244627
Ion Ratio Lower Upper
43 100
58 39.7 31.1 46.7



#52
Toluene
Concen: 59.188 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 92 Resp: 199068
Ion Ratio Lower Upper
92 100
91 179.8 144.7 217.1

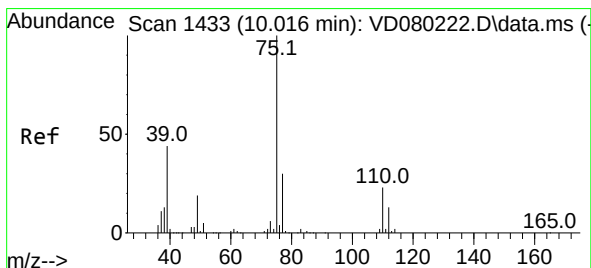
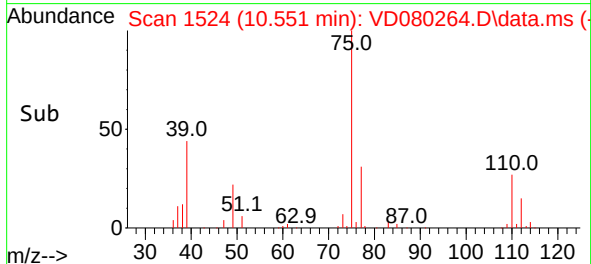
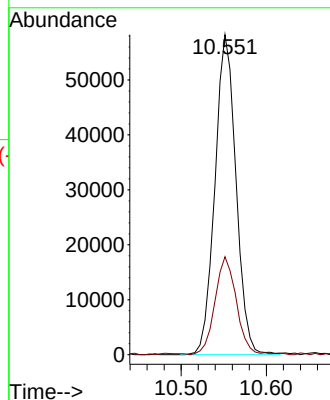
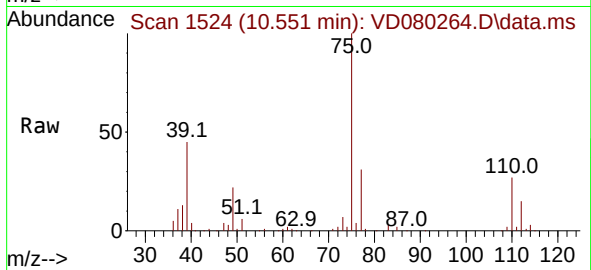




#53
 t-1,3-Dichloropropene
 Concen: 57.823 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD080264.D
 Acq: 25 Feb 2025 10:45

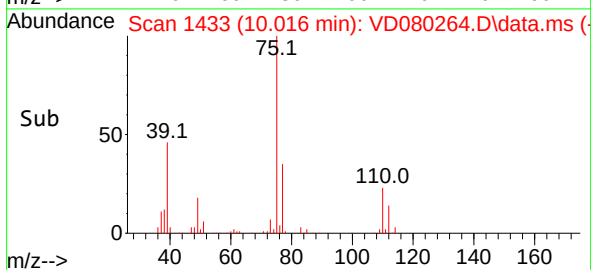
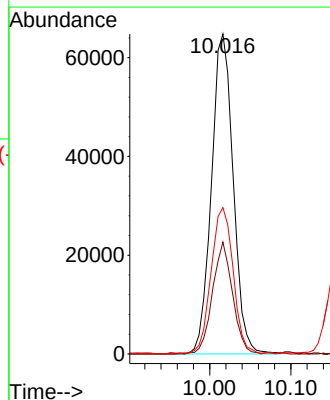
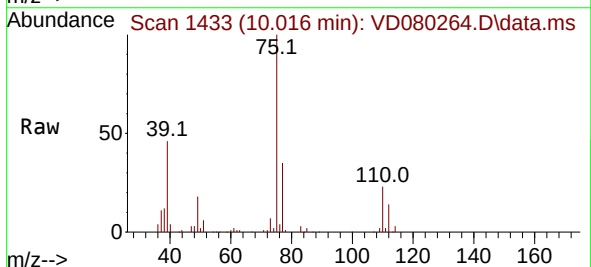
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

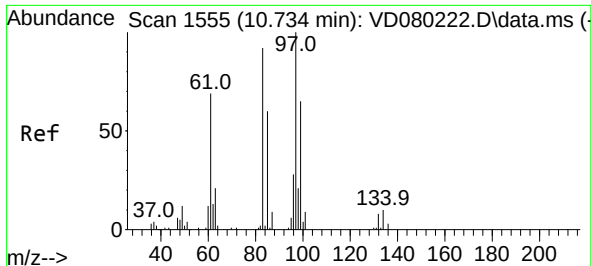
Tgt Ion: 75 Resp: 100161
 Ion Ratio Lower Upper
 75 100
 77 30.3 23.0 34.4



#54
 cis-1,3-Dichloropropene
 Concen: 57.165 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD080264.D
 Acq: 25 Feb 2025 10:45

Tgt Ion: 75 Resp: 120449
 Ion Ratio Lower Upper
 75 100
 77 34.7 24.1 36.1
 39 45.5 35.1 52.7

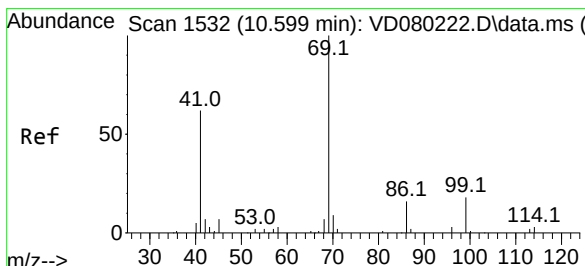
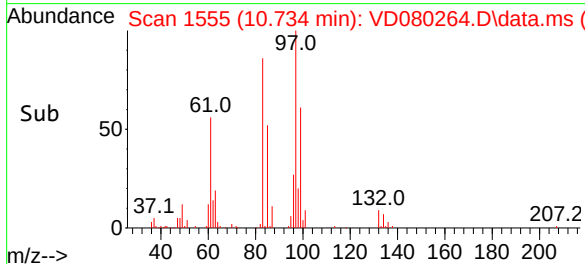
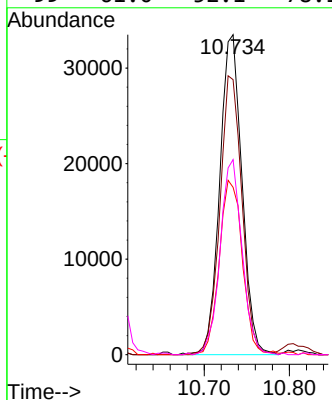
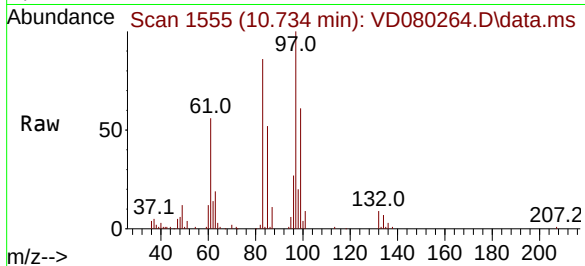




#55
1,1,2-Trichloroethane
Concen: 57.929 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

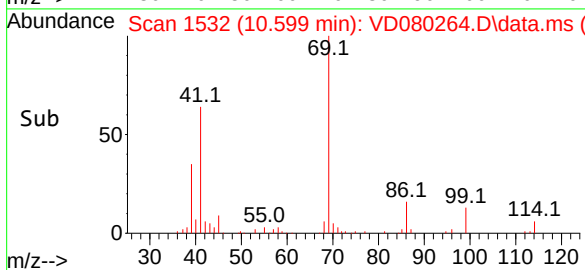
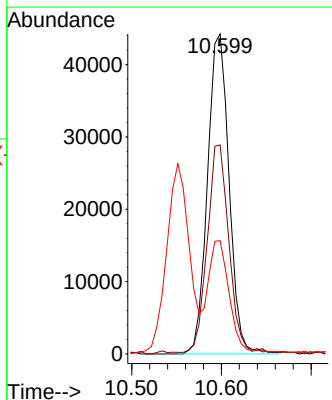
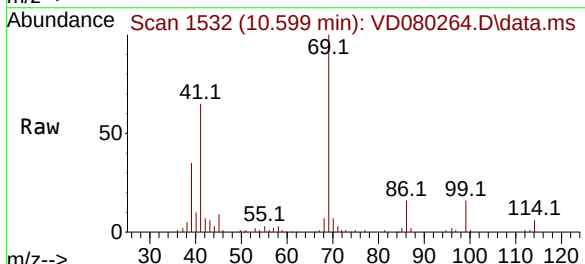
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

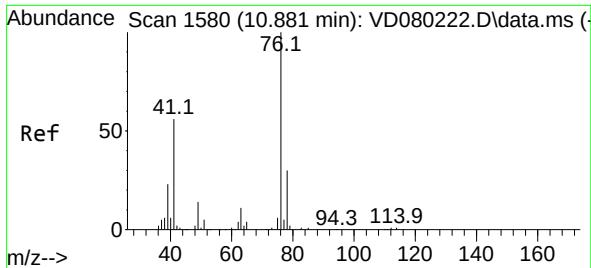
Tgt Ion: 97	Resp: 60650
Ion Ratio	Lower Upper
97 100	
83 86.0	73.9 110.9
85 52.3	48.2 72.2
99 61.0	52.1 78.1



#56
Ethyl methacrylate
Concen: 61.844 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 69	Resp: 73880		
Ion Ratio	Lower	Upper	
69 100			
41 64.6	51.8	77.6	
39 35.1	28.7	43.1	

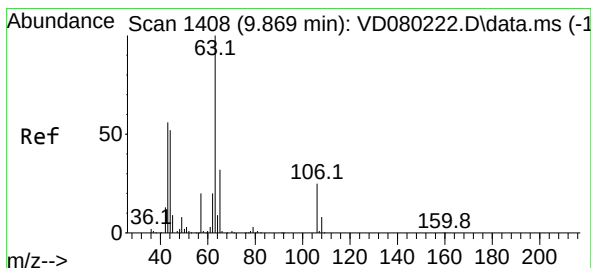
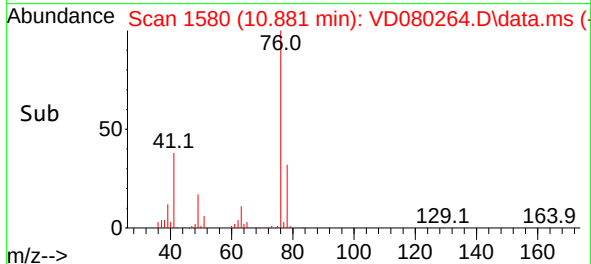
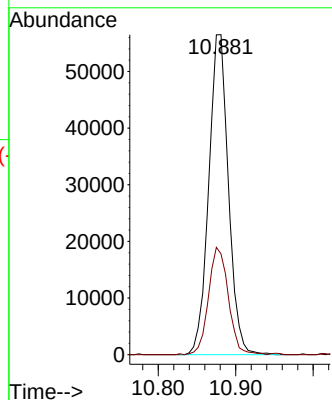
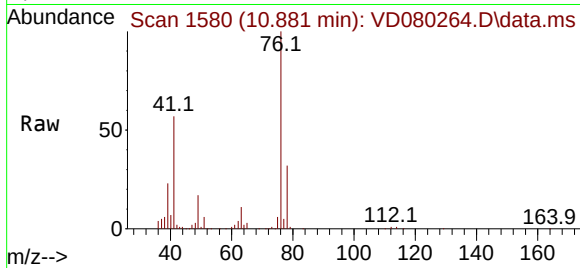




#57
1,3-Dichloropropane
Concen: 57.566 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

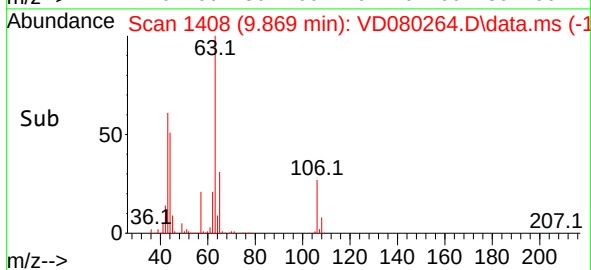
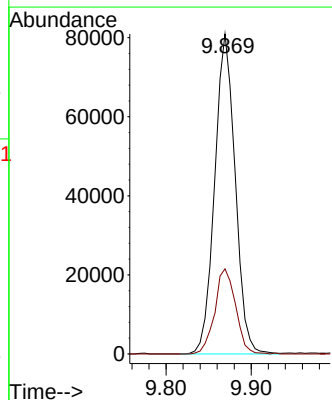
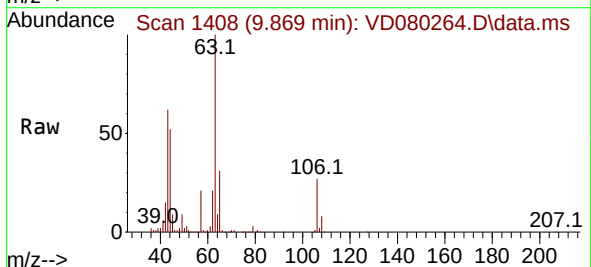
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

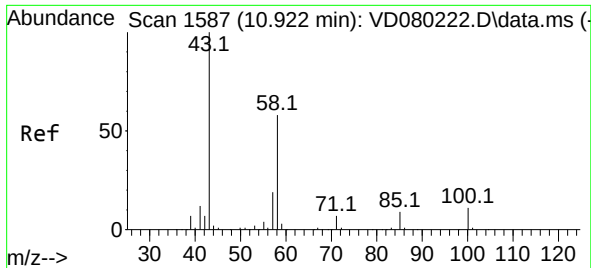
Tgt Ion: 76 Resp: 99686
Ion Ratio Lower Upper
76 100
78 33.8 25.0 37.4



#58
2-Chloroethyl Vinyl ether
Concen: 265.731 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 63 Resp: 135490
Ion Ratio Lower Upper
63 100
106 27.0 20.6 30.8

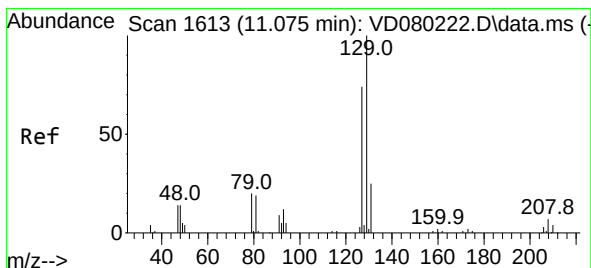
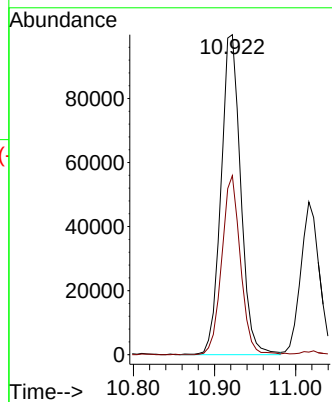
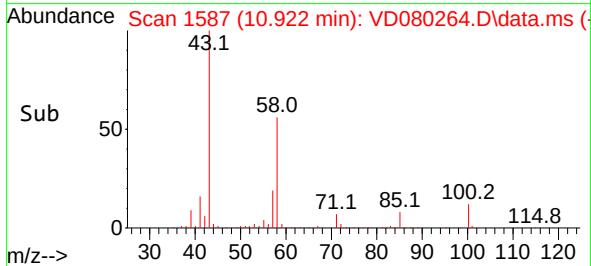
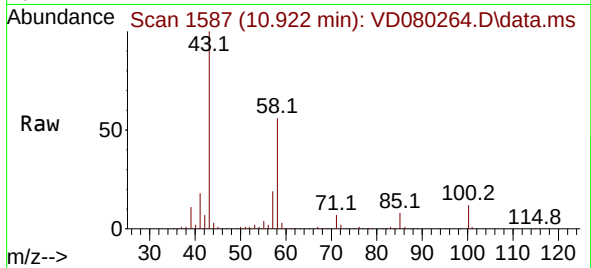




#59
2-Hexanone
Concen: 318.285 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

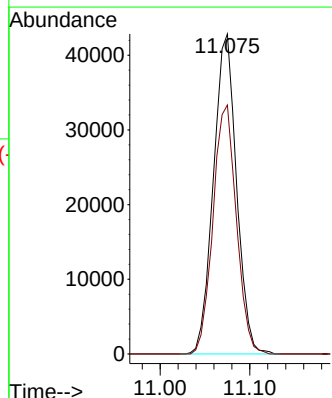
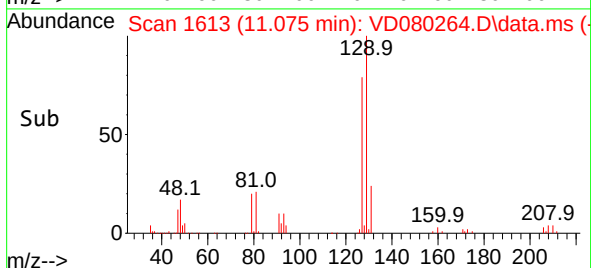
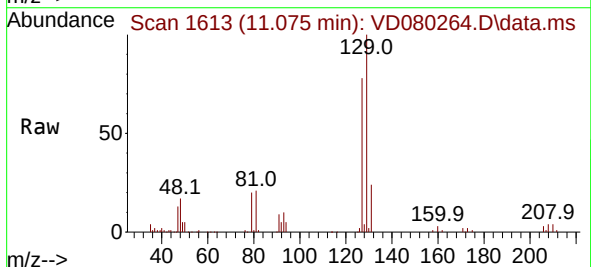
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

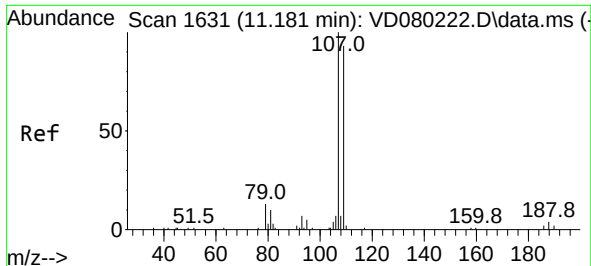
Tgt Ion: 43 Resp: 168601
Ion Ratio Lower Upper
43 100
58 53.2 27.4 82.2



#60
Dibromochloromethane
Concen: 59.373 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion:129 Resp: 76621
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.5

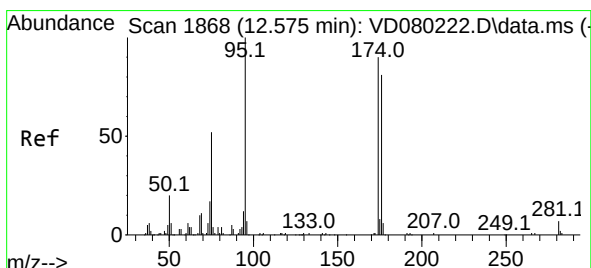
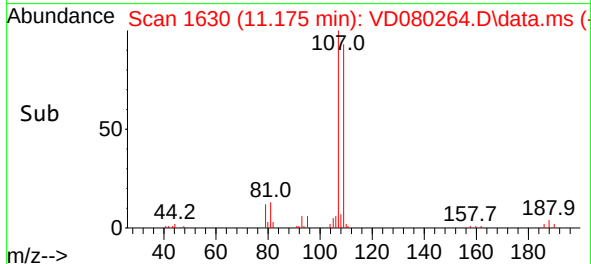
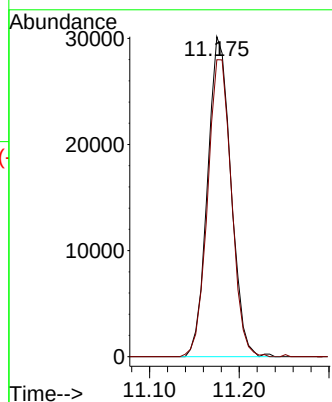
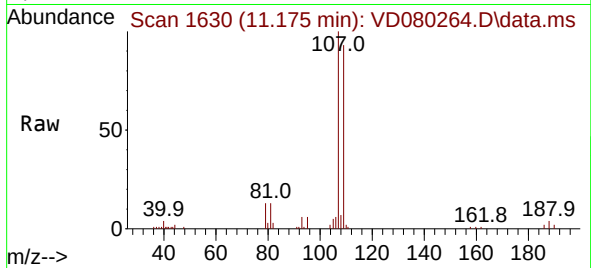




#61
1,2-Dibromoethane
Concen: 57.164 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

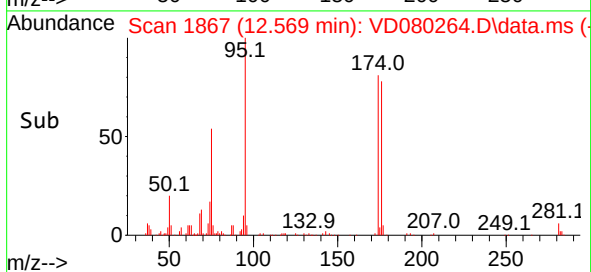
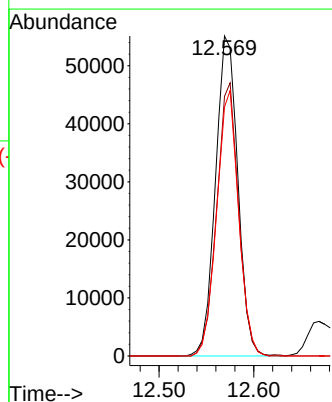
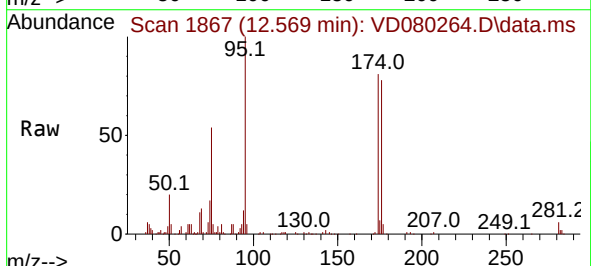
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

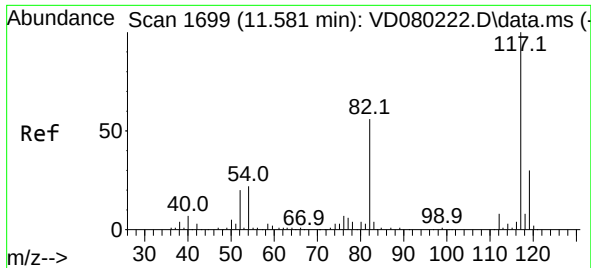
Tgt Ion:107 Resp: 54506
Ion Ratio Lower Upper
107 100
109 94.6 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 59.265 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 95 Resp: 90317
Ion Ratio Lower Upper
95 100
174 83.5 0.0 171.8
176 81.4 0.0 159.6

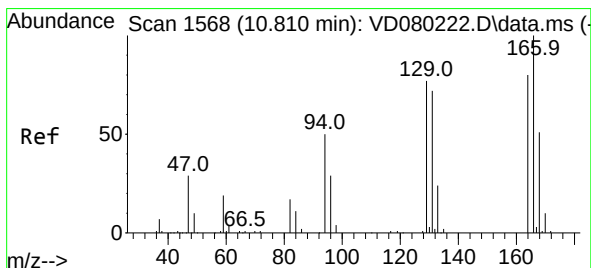
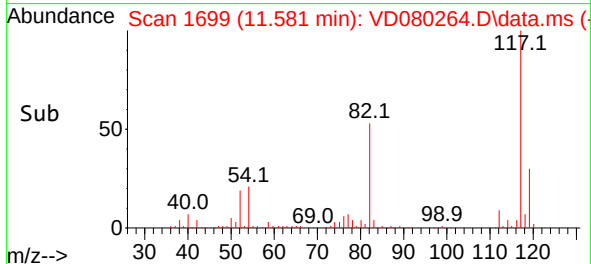
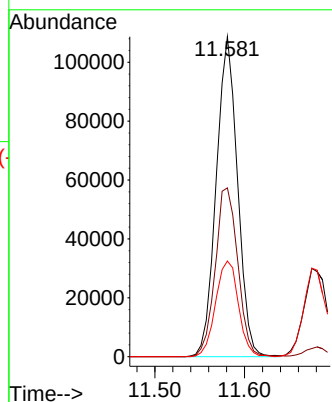
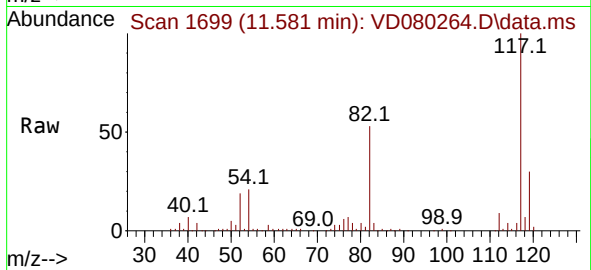




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

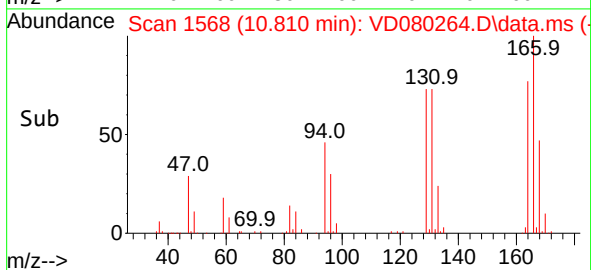
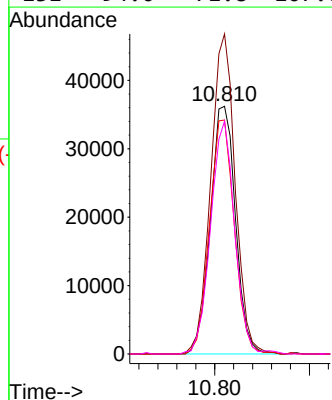
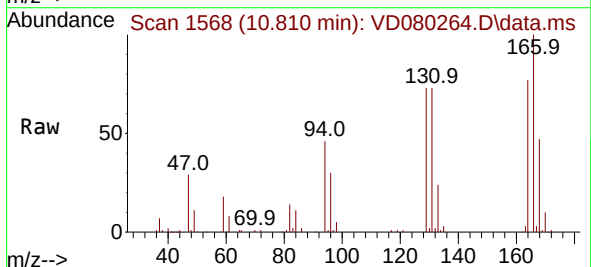
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

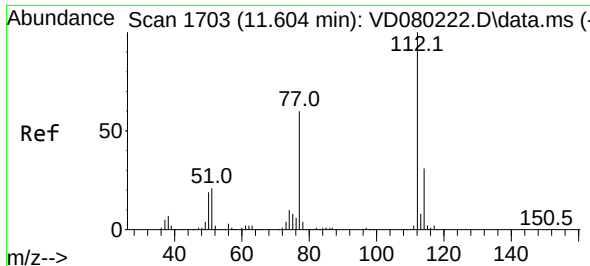
Tgt Ion:117 Resp: 179213
Ion Ratio Lower Upper
117 100
82 52.8 45.0 67.6
119 29.9 24.3 36.5



#64
Tetrachloroethene
Concen: 53.191 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion:164 Resp: 66590
Ion Ratio Lower Upper
164 100
166 129.2 99.4 149.2
129 94.5 76.3 114.5
131 94.0 71.8 107.6

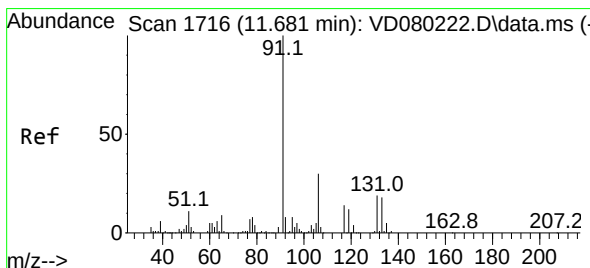
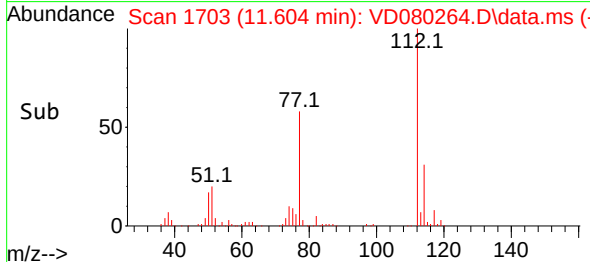
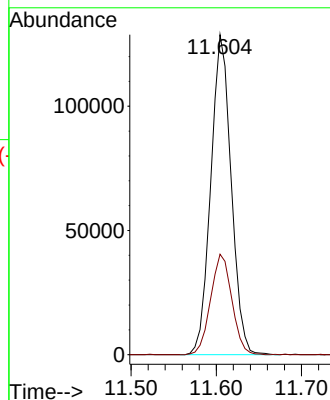
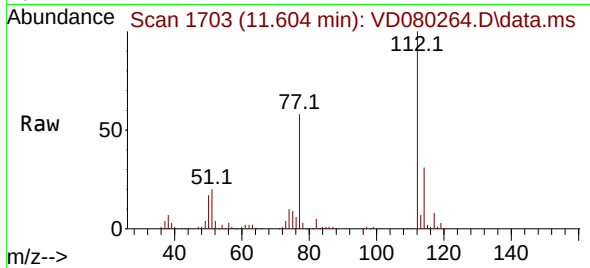




#65
Chlorobenzene
Concen: 52.214 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

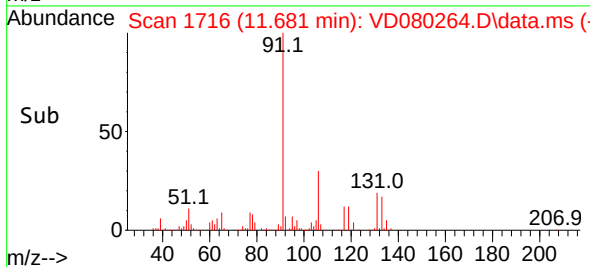
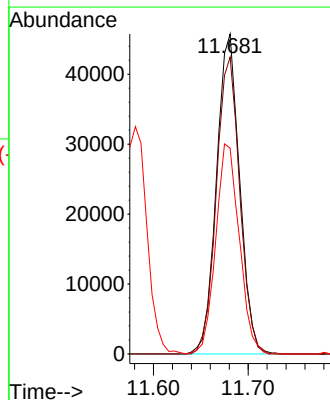
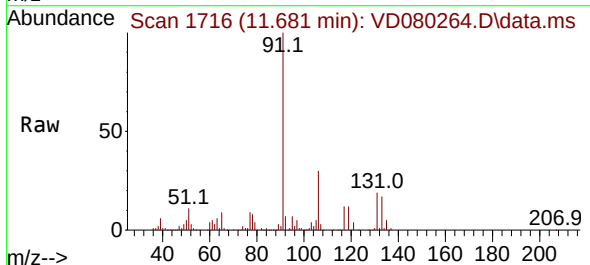
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

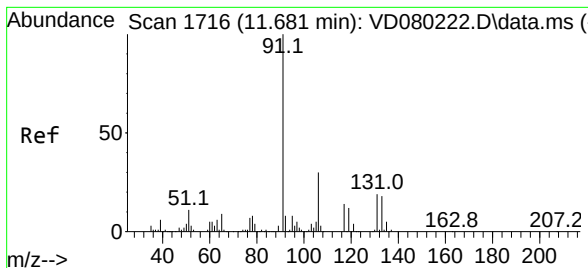
Tgt Ion:112 Resp: 214492
Ion Ratio Lower Upper
112 100
114 31.4 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.909 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion:131 Resp: 77472
Ion Ratio Lower Upper
131 100
133 94.2 45.9 137.7
119 67.0 33.9 101.6





#67

Ethyl Benzene

Concen: 55.941 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

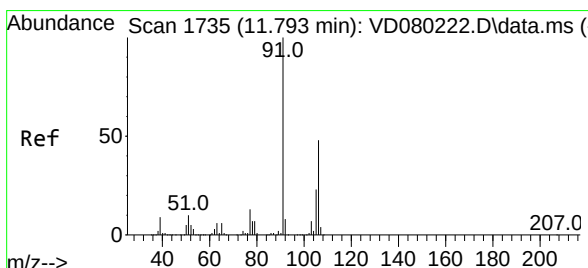
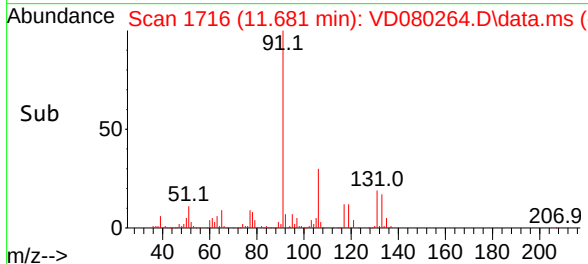
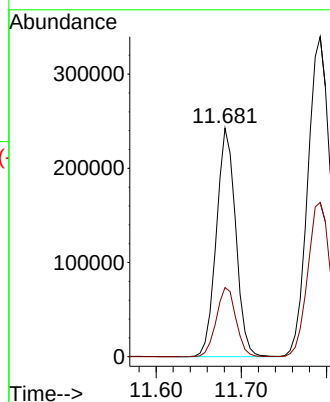
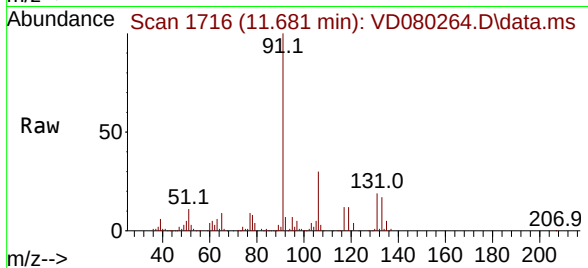
VSTDCCC050

Tgt Ion: 91 Resp: 382279

Ion Ratio Lower Upper

91 100

106 30.3 23.9 35.9



#68

m/p-Xylenes

Concen: 114.657 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD080264.D

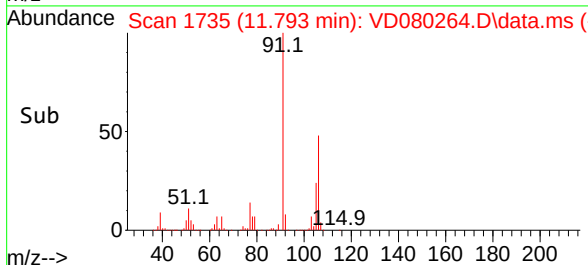
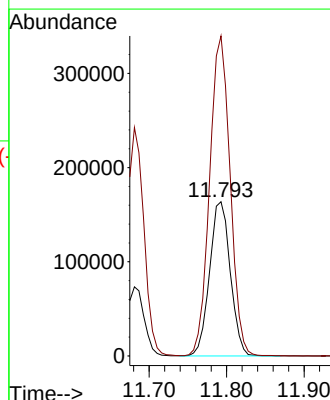
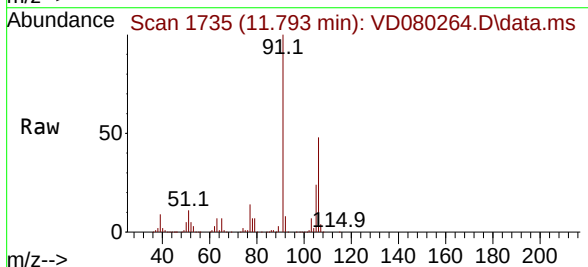
Acq: 25 Feb 2025 10:45

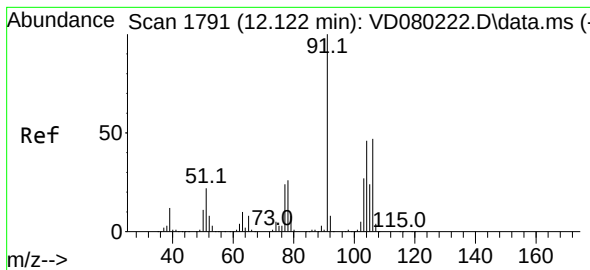
Tgt Ion:106 Resp: 304176

Ion Ratio Lower Upper

106 100

91 205.7 165.8 248.8





#69

o-Xylene

Concen: 56.114 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

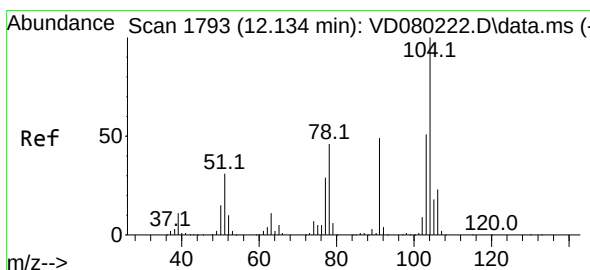
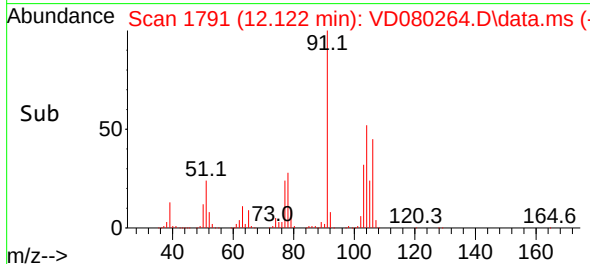
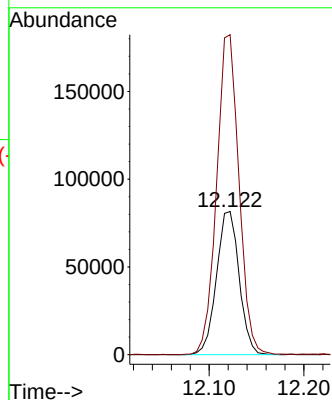
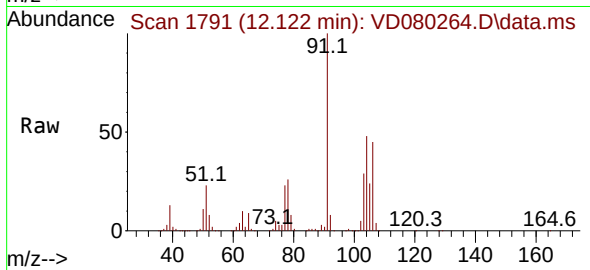
VSTDCCC050

Tgt Ion:106 Resp: 135751

Ion Ratio Lower Upper

106 100

91 220.5 107.7 323.3



#70

Styrene

Concen: 58.560 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

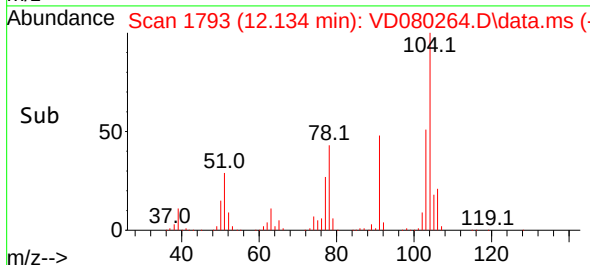
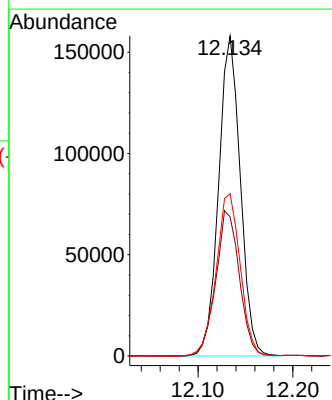
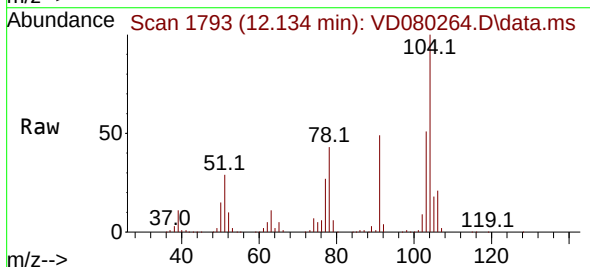
Tgt Ion:104 Resp: 252174

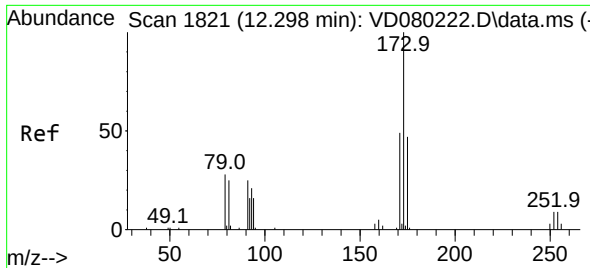
Ion Ratio Lower Upper

104 100

78 49.5 40.7 61.1

103 56.2 45.0 67.4

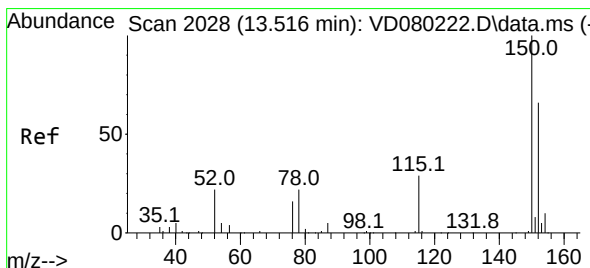
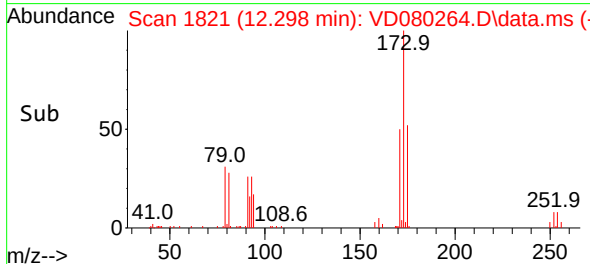
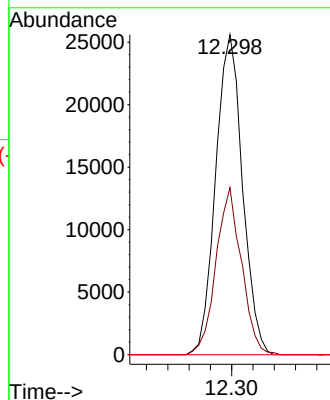
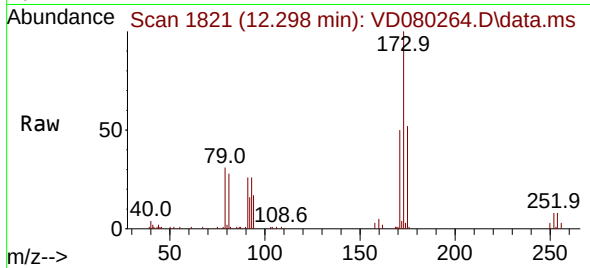




#71
Bromoform
Concen: 52.792 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

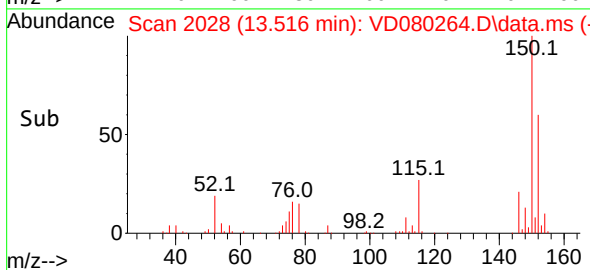
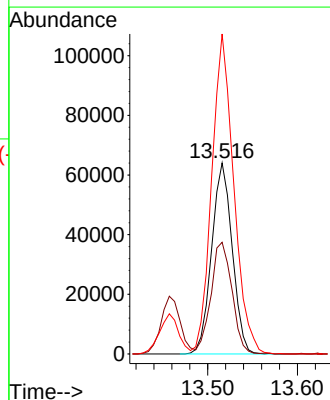
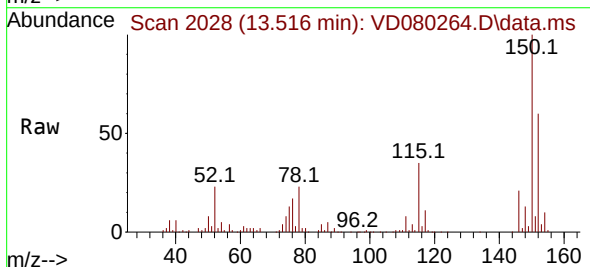
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

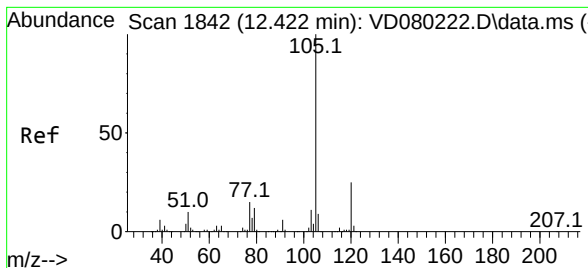
Tgt Ion:173 Resp: 44723
Ion Ratio Lower Upper
173 100
175 49.7 23.4 70.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion:152 Resp: 102040
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.1
150 179.1 0.0 350.4





#73

Isopropylbenzene

Concen: 53.104 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

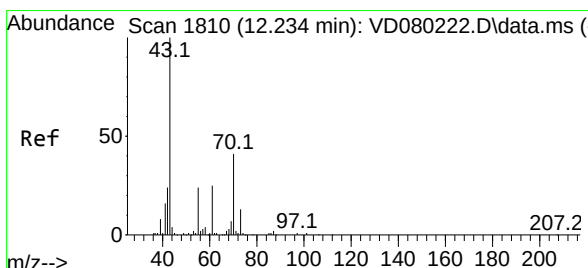
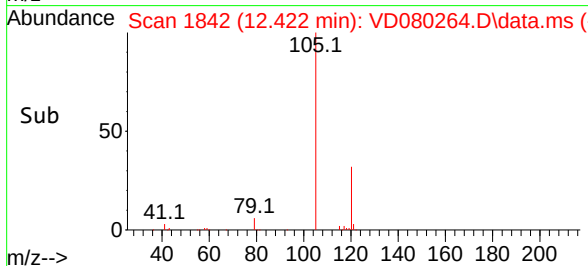
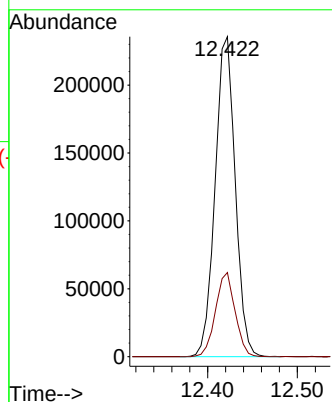
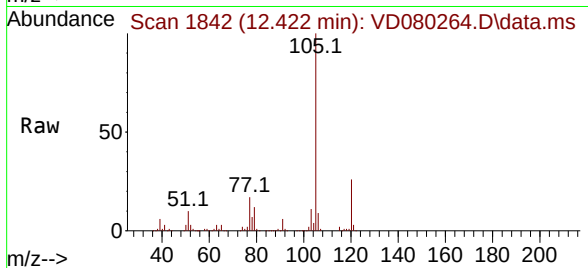
VSTDC050

Tgt Ion:105 Resp: 366519

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 51.738 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Tgt Ion: 43 Resp: 93867

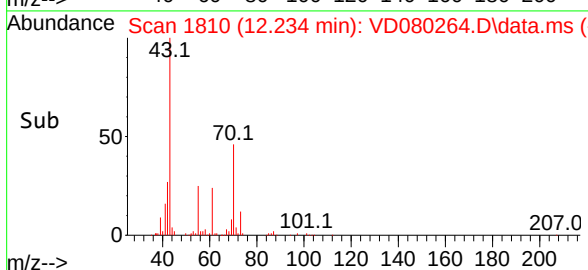
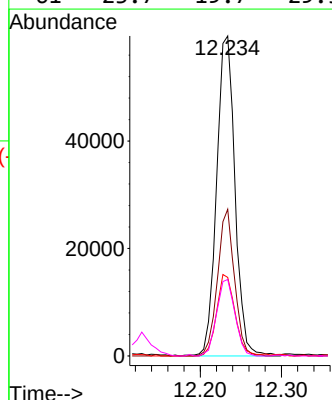
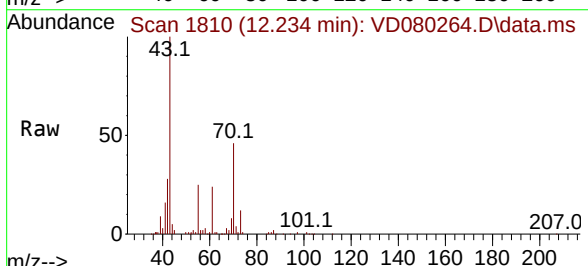
Ion Ratio Lower Upper

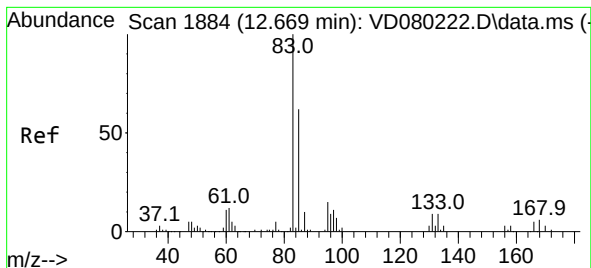
43 100

70 42.3 33.6 50.4

55 25.6 21.4 32.0

61 23.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.485 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

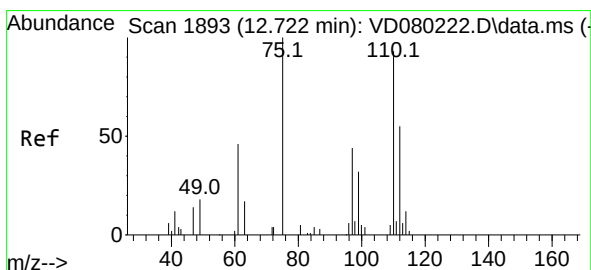
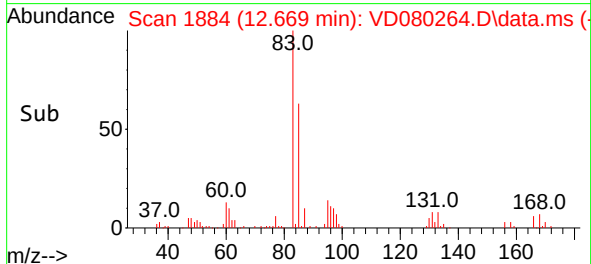
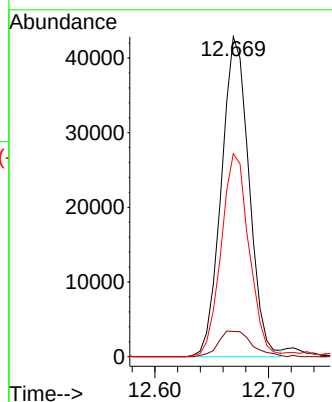
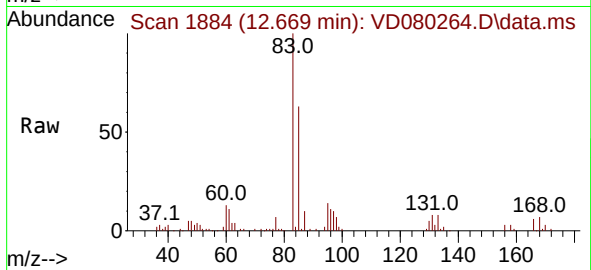
Tgt Ion: 83 Resp: 72508

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 64.2 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 91.515 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD080264.D

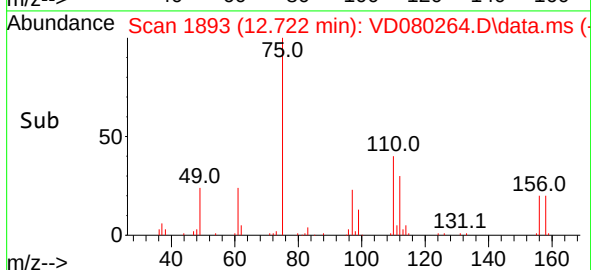
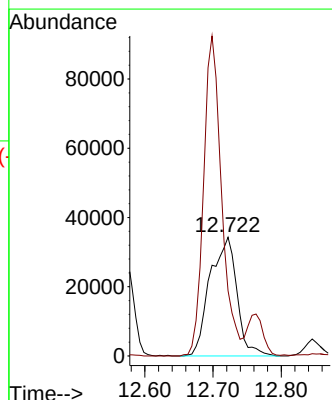
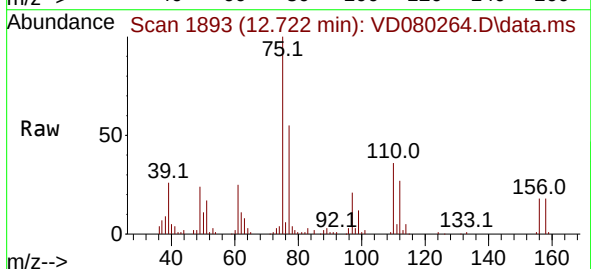
Acq: 25 Feb 2025 10:45

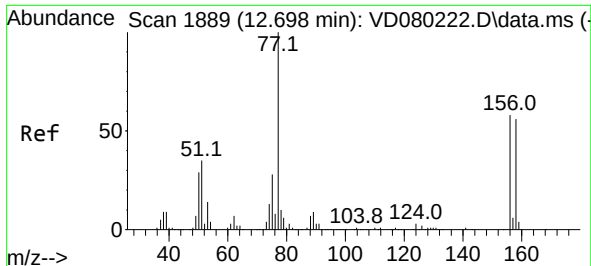
Tgt Ion: 75 Resp: 94455

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

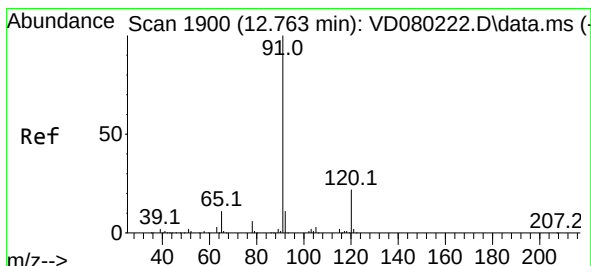
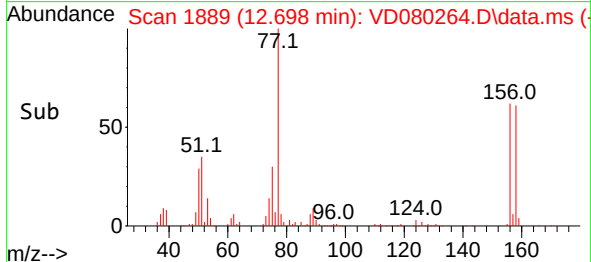
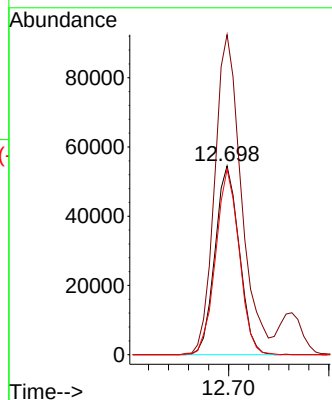
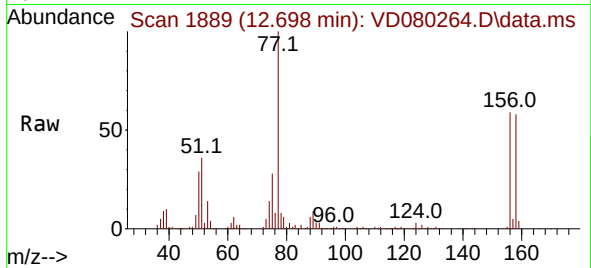




#77
Bromobenzene
Concen: 51.164 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

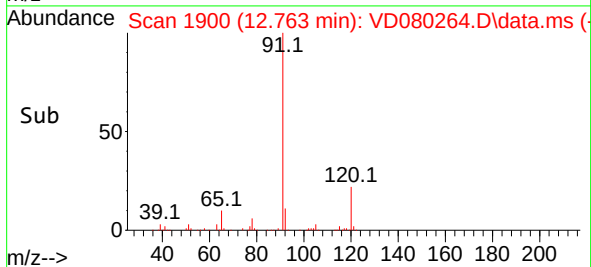
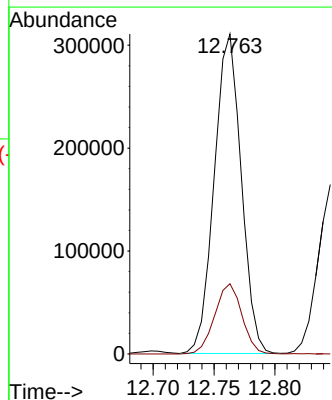
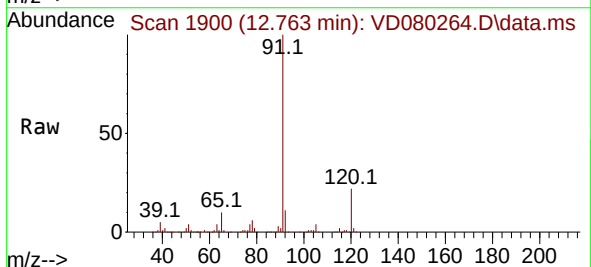
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

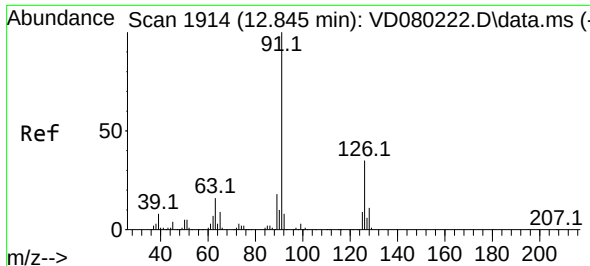
Tgt Ion:156 Resp: 91088
Ion Ratio Lower Upper
156 100
77 186.7 95.2 285.4
158 95.6 47.8 143.3



#78
n-propylbenzene
Concen: 54.484 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 91 Resp: 478775
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0

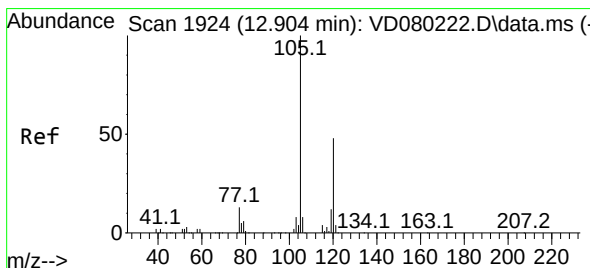
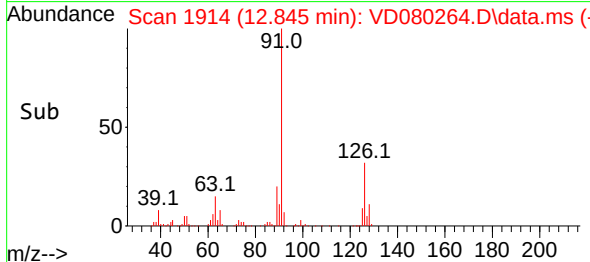
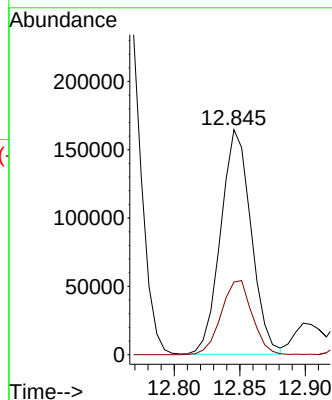
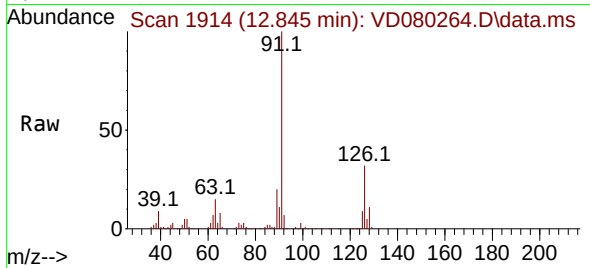




#79
2-Chlorotoluene
Concen: 53.294 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

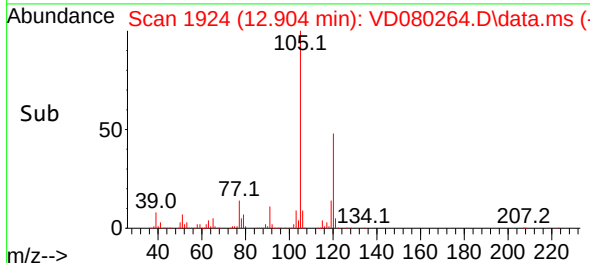
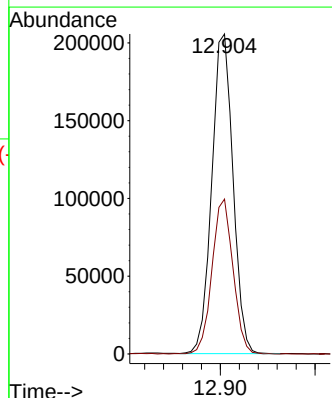
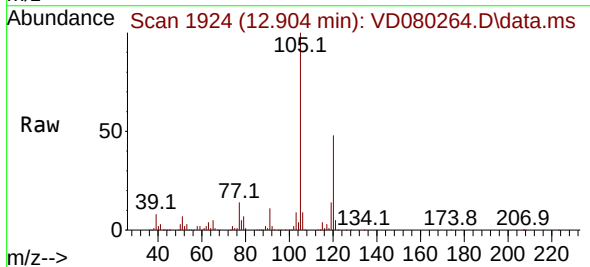
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

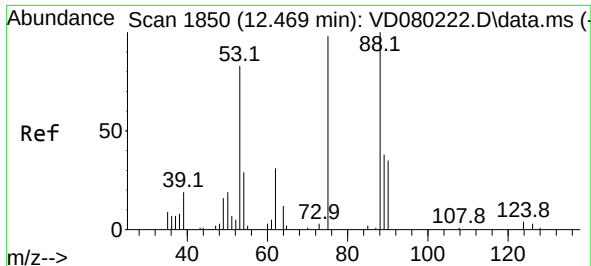
Tgt Ion: 91 Resp: 266058
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 55.505 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion:105 Resp: 320385
Ion Ratio Lower Upper
105 100
120 48.0 23.5 70.5

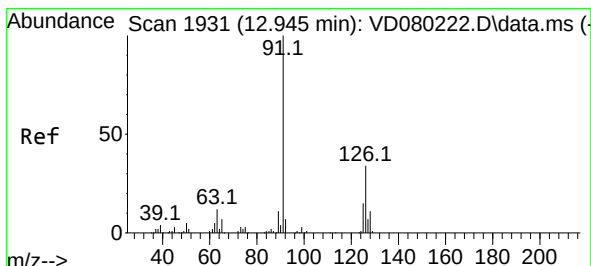
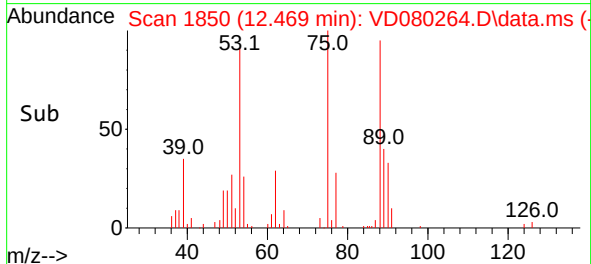
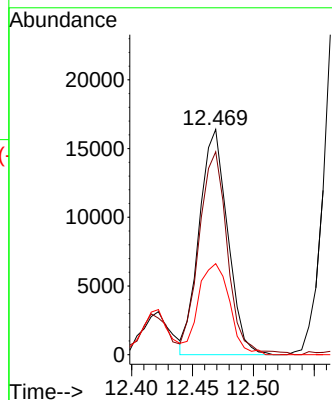
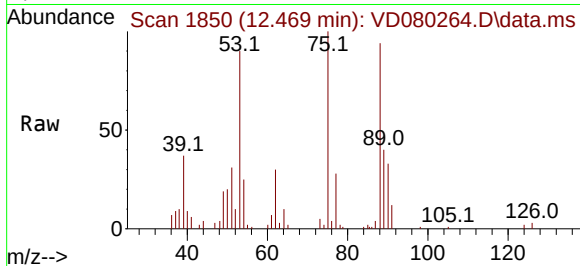




#81
trans-1,4-Dichloro-2-butene
Concen: 52.772 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

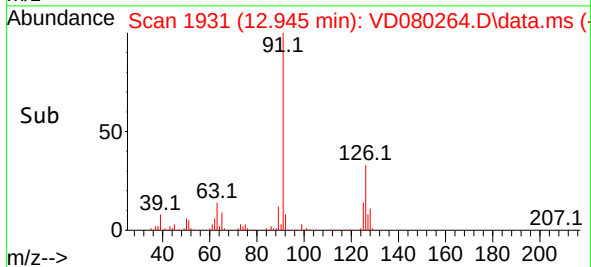
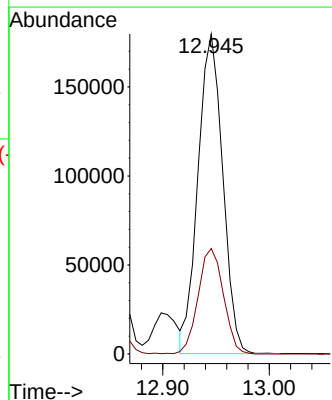
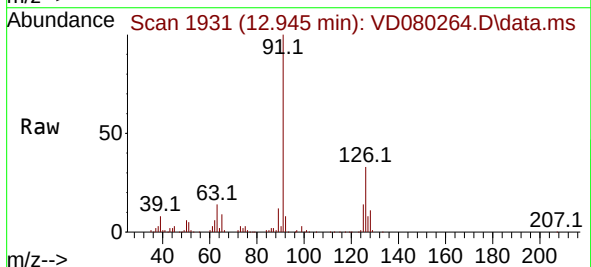
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

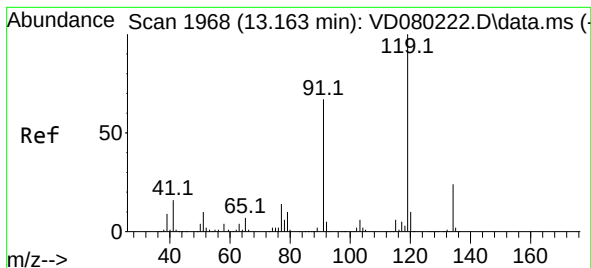
Tgt Ion: 75 Resp: 26637
Ion Ratio Lower Upper
75 100
53 90.0 69.1 103.7
89 44.3 36.5 54.7



#82
4-Chlorotoluene
Concen: 54.565 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 91 Resp: 289477
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.6





#83

tert-Butylbenzene

Concen: 55.426 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD080264.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

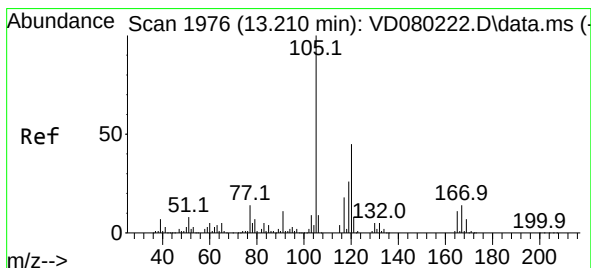
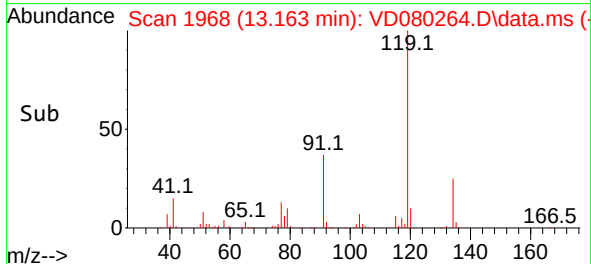
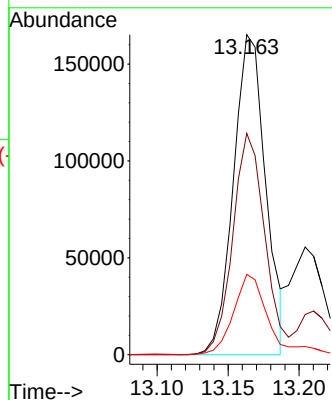
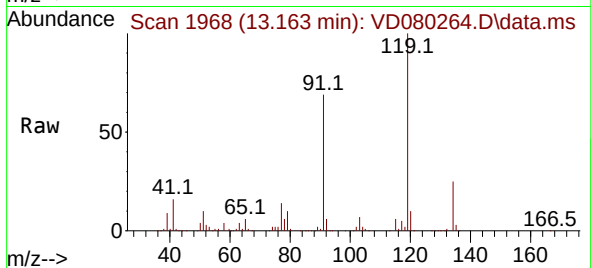
Tgt Ion:119 Resp: 261549

Ion Ratio Lower Upper

119 100

91 68.7 34.5 103.5

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 55.964 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080264.D

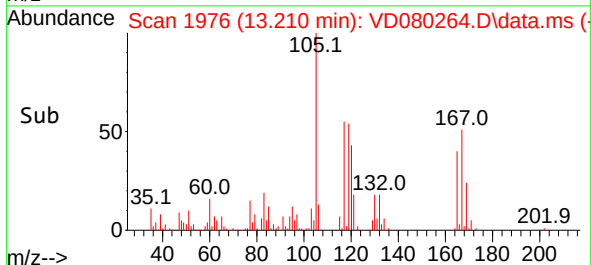
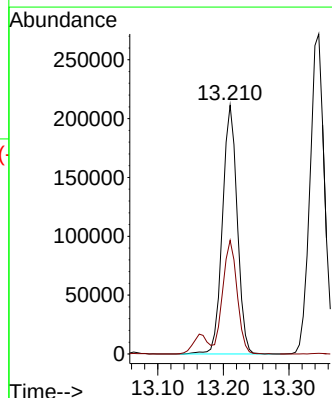
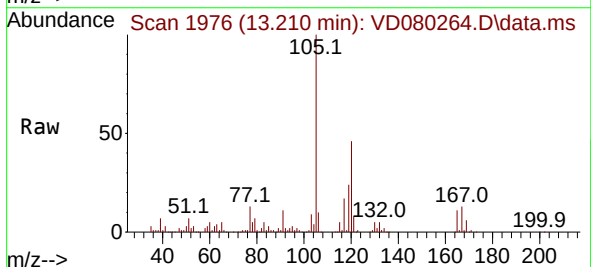
Acq: 25 Feb 2025 10:45

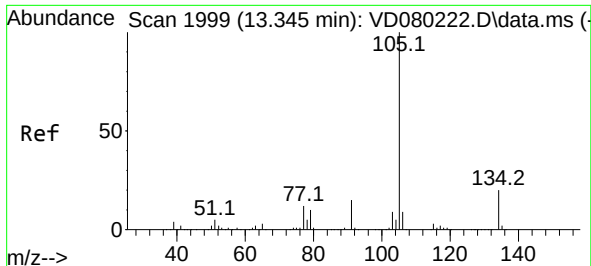
Tgt Ion:105 Resp: 328798

Ion Ratio Lower Upper

105 100

120 44.8 22.1 66.5

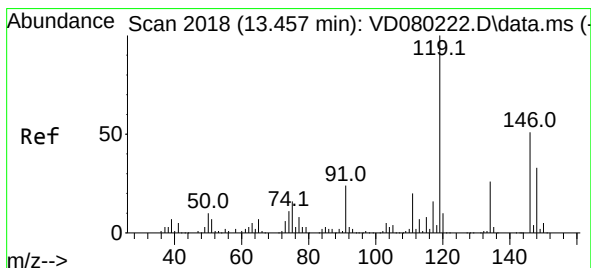
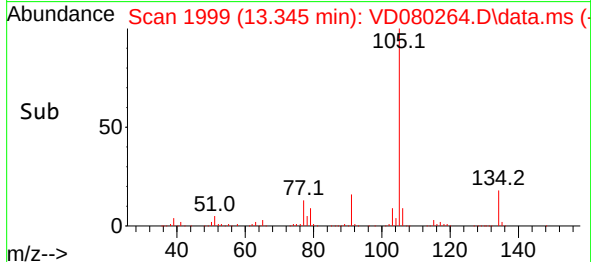
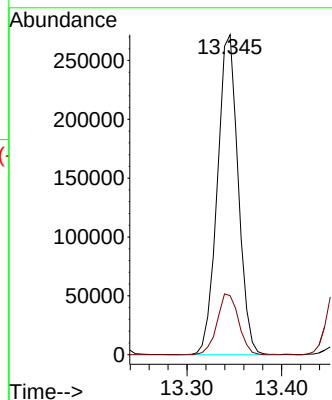
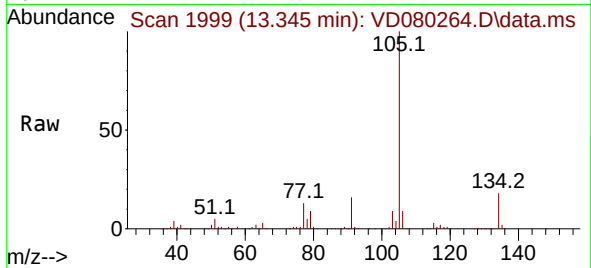




#85
 sec-Butylbenzene
 Concen: 57.551 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD080264.D
 Acq: 25 Feb 2025 10:45

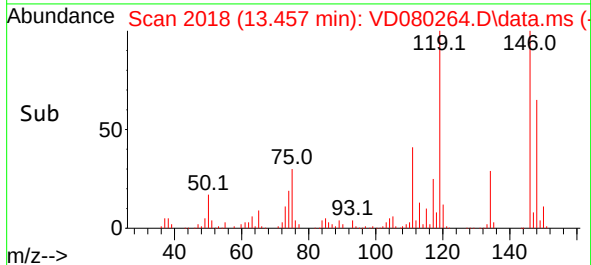
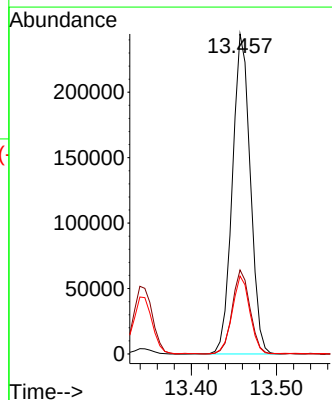
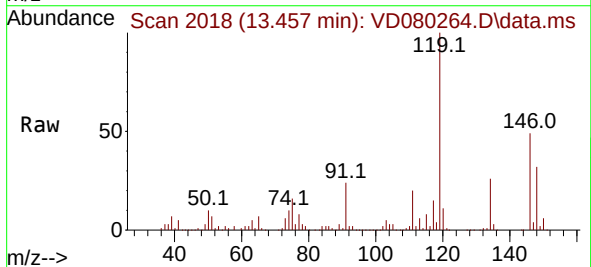
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

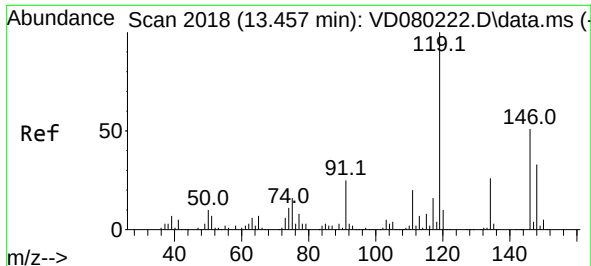
Tgt Ion:105 Resp: 415233
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 58.008 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD080264.D
 Acq: 25 Feb 2025 10:45

Tgt Ion:119 Resp: 357371
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.9
 91 24.1 12.4 37.2

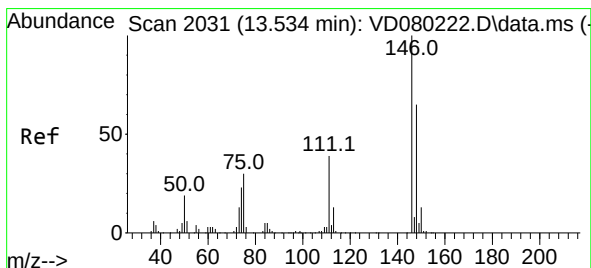
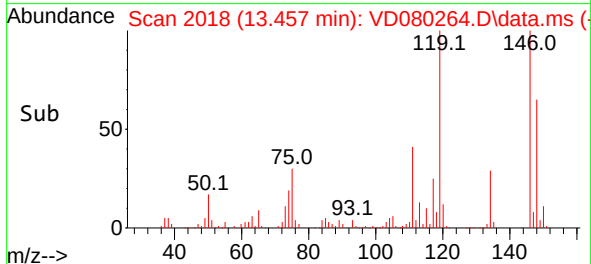
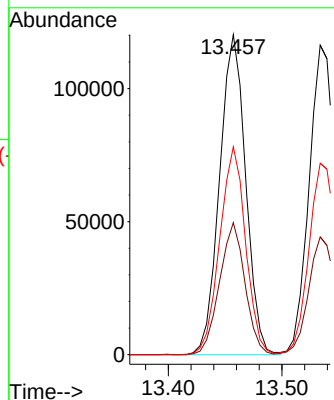
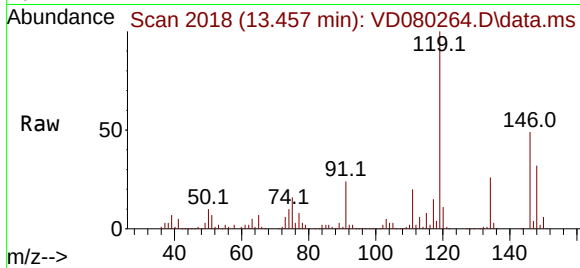




#87
 1,3-Dichlorobenzene
 Concen: 54.785 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD080264.D
 Acq: 25 Feb 2025 10:45

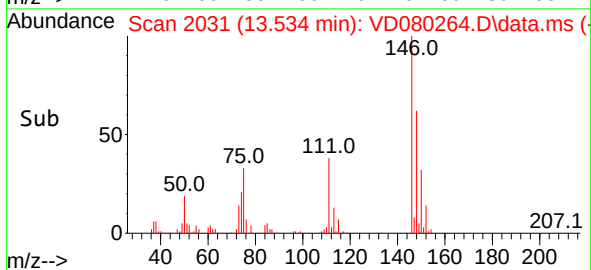
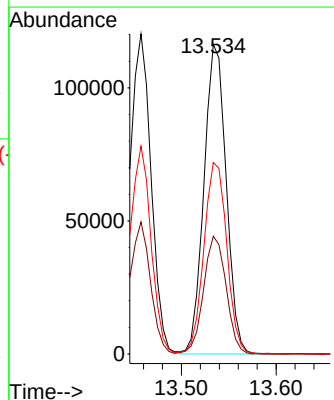
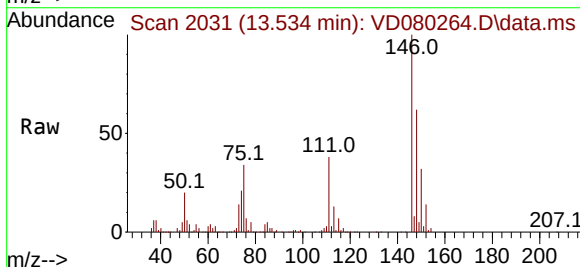
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

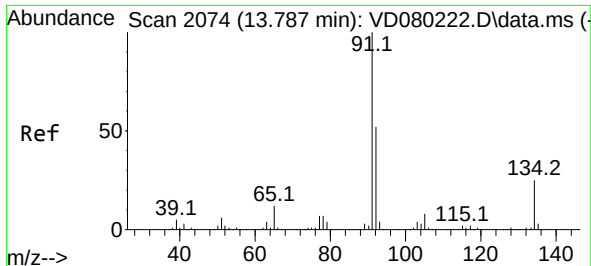
Tgt Ion:146 Resp: 192105
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.5 61.6
 148 64.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 53.395 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD080264.D
 Acq: 25 Feb 2025 10:45

Tgt Ion:146 Resp: 189502
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.7 59.0
 148 63.8 32.3 96.8

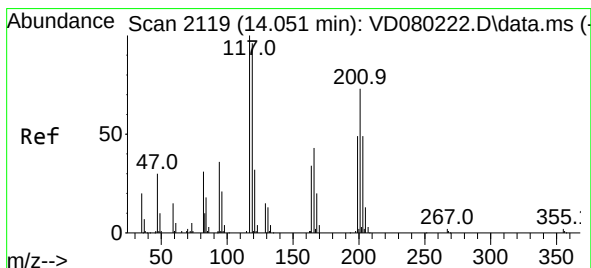
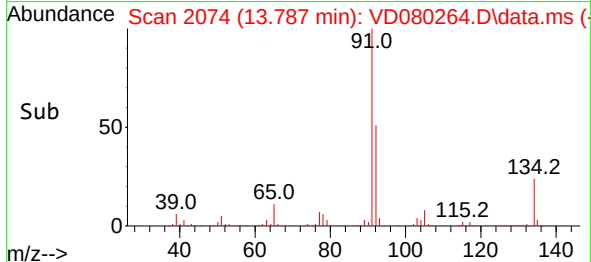
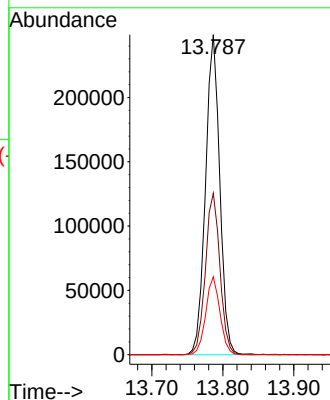
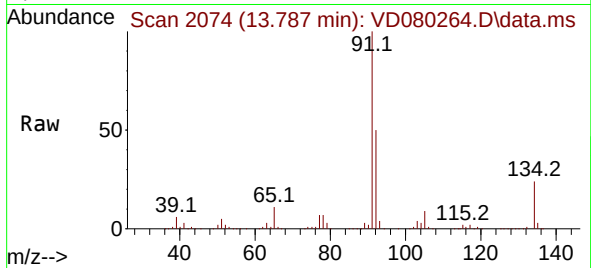




#89
n-Butylbenzene
Concen: 58.080 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

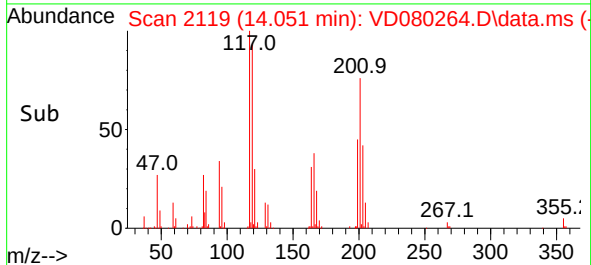
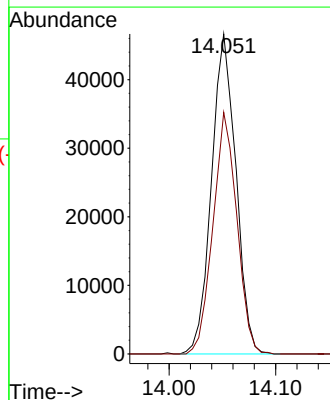
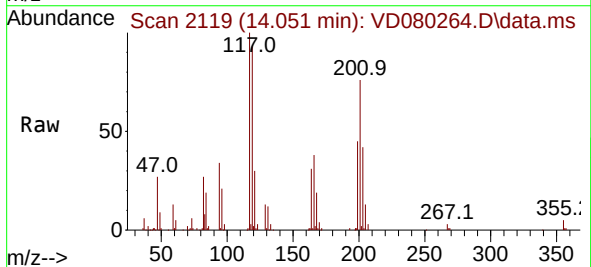
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

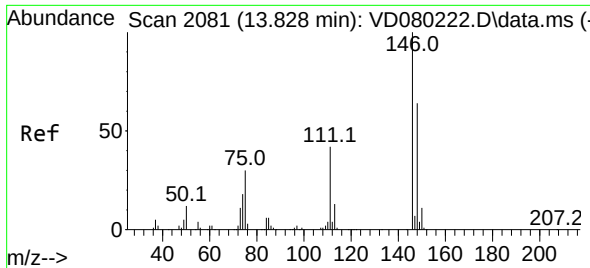
Tgt Ion: 91 Resp: 347708
Ion Ratio Lower Upper
91 100
92 51.3 26.1 78.2
134 24.2 12.4 37.0



#90
Hexachloroethane
Concen: 54.185 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 117 Resp: 74190
Ion Ratio Lower Upper
117 100
201 74.0 36.0 108.0

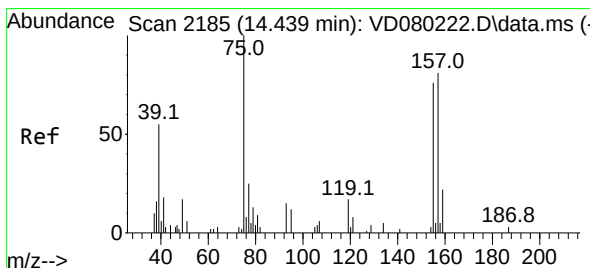
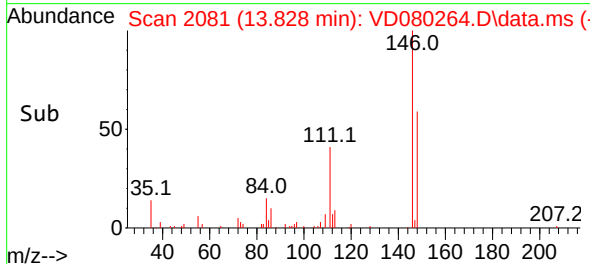
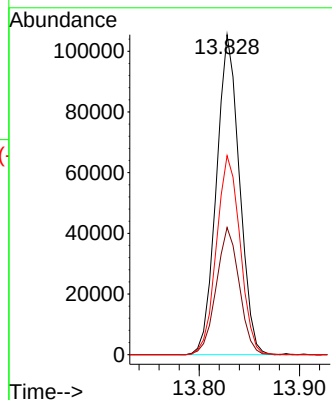
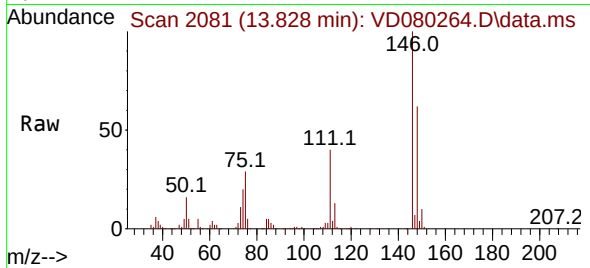




#91
1,2-Dichlorobenzene
Concen: 54.487 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

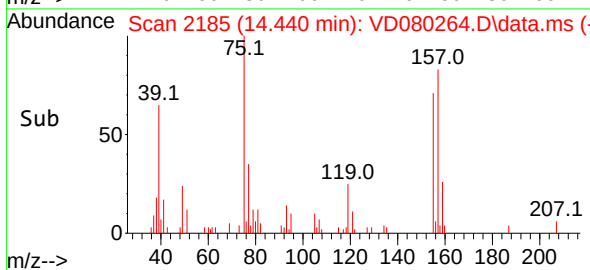
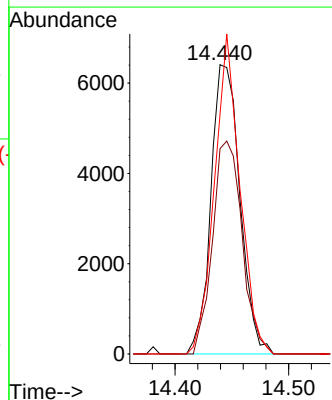
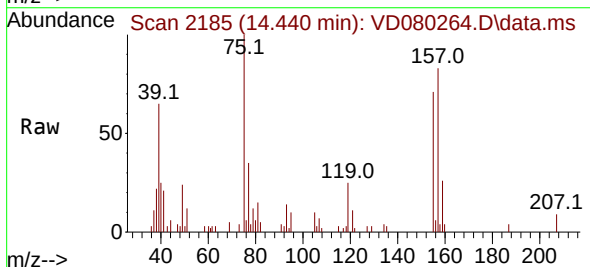
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

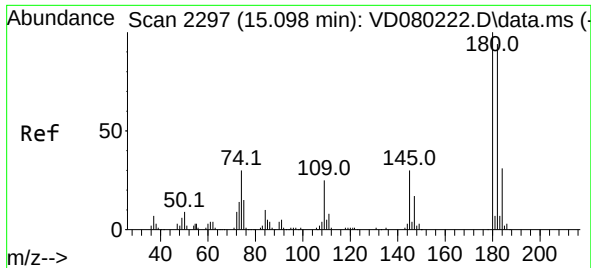
Tgt Ion:146 Resp: 168350
Ion Ratio Lower Upper
146 100
111 39.7 21.0 63.0
148 63.8 32.5 97.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.615 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion: 75 Resp: 11337
Ion Ratio Lower Upper
75 100
155 75.3 41.5 124.6
157 97.4 50.5 151.5

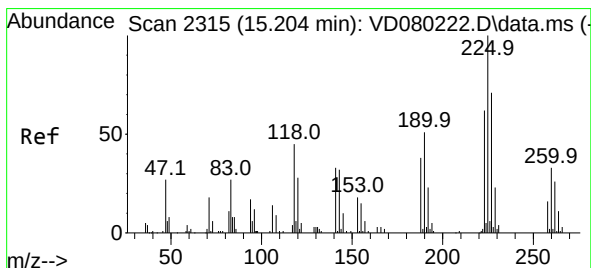
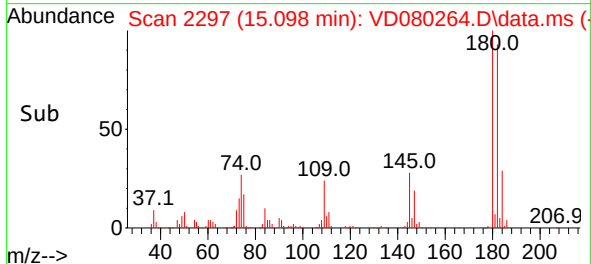
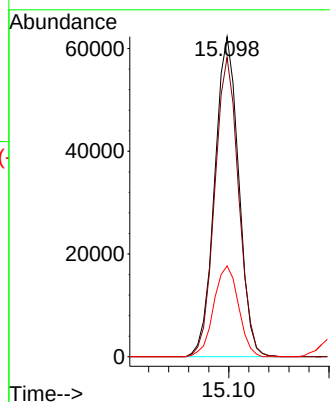
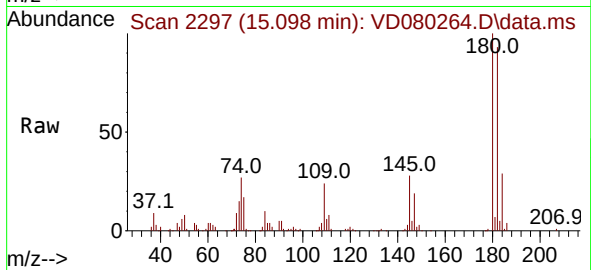




#93
 1,2,4-Trichlorobenzene
 Concen: 52.567 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080264.D
 Acq: 25 Feb 2025 10:45

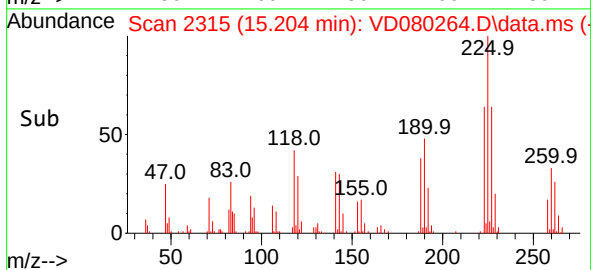
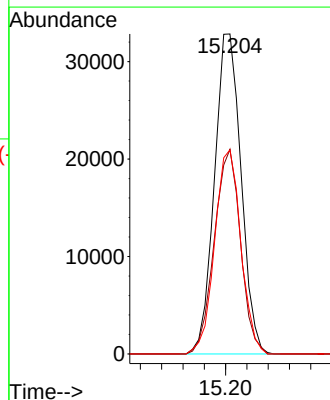
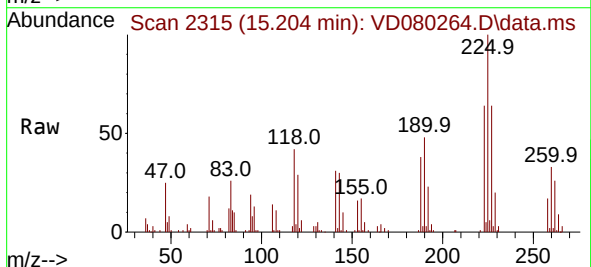
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

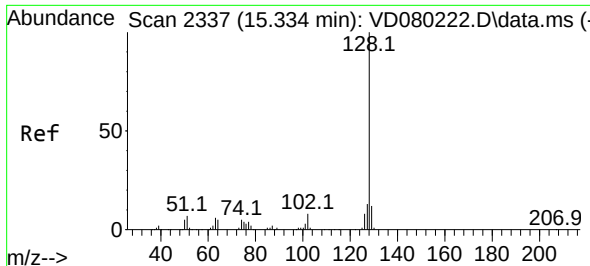
Tgt Ion:180 Resp: 103532
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.5 142.5
 145 29.2 14.6 44.0



#94
 Hexachlorobutadiene
 Concen: 53.393 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD080264.D
 Acq: 25 Feb 2025 10:45

Tgt Ion:225 Resp: 56953
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.8
 227 62.6 32.4 97.2

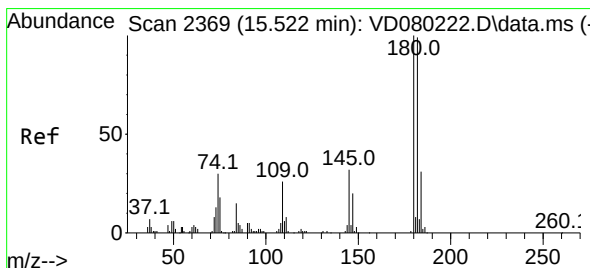
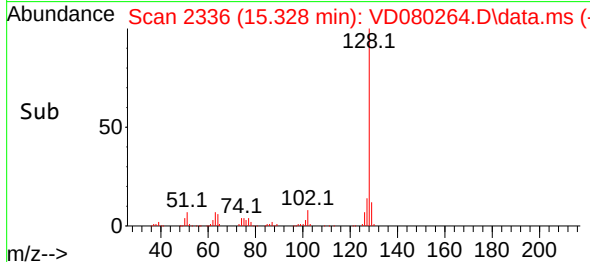
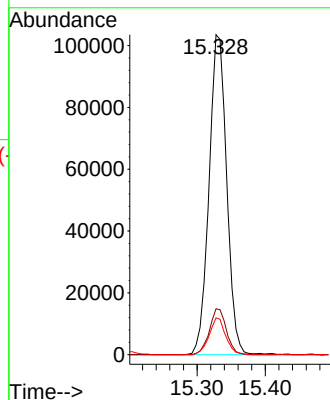
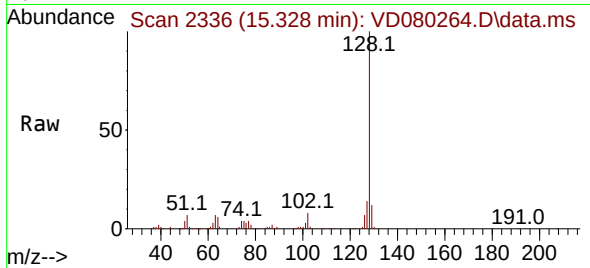




#95
Naphthalene
Concen: 53.641 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 186709
Ion Ratio Lower Upper
128 100
127 14.3 10.6 15.8
129 11.5 9.4 14.0



#96
1,2,3-Trichlorobenzene
Concen: 51.934 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080264.D
Acq: 25 Feb 2025 10:45

Tgt Ion:180 Resp: 92308
Ion Ratio Lower Upper
180 100
182 95.2 47.3 142.0
145 32.0 15.6 46.7

