

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
 Data File : VD080401CV.D
 Acq On : 30 May 2025 14:38
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 00:45:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D053025S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 31 00:36:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.870	168	158059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	237315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	183749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	111272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	91097	46.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.320%
35) Dibromofluoromethane	7.805	113	84872	55.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.040%
50) Toluene-d8	10.264	98	265981	42.858	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.720%
62) 4-Bromofluorobenzene	12.570	95	82409	43.380	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	79526	43.942	ug/l	100
3) Chloromethane	2.147	50	143086	46.354	ug/l	95
4) Vinyl Chloride	2.288	62	164903	47.822	ug/l	99
5) Bromomethane	2.694	94	104032	42.470	ug/l	97
6) Chloroethane	2.841	64	104485	44.527	ug/l	99
7) Trichlorofluoromethane	3.176	101	150900	47.620	ug/l	100
8) Diethyl Ether	3.594	74	49857	53.372	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	90666	47.270	ug/l	100
10) Methyl Iodide	4.164	142	104737	55.398	ug/l	97
11) Tert butyl alcohol	5.047	59	28949	254.324	ug/l #	86
12) 1,1-Dichloroethene	3.941	96	91734	50.127	ug/l	98
13) Acrolein	3.794	56	49123	249.582	ug/l	96
14) Allyl chloride	4.558	41	159591	52.915	ug/l	97
15) Acrylonitrile	5.247	53	115901	253.009	ug/l	99
16) Acetone	4.023	43	135591	366.844	ug/l	94
17) Carbon Disulfide	4.270	76	322944	49.074	ug/l	98
18) Methyl Acetate	4.558	43	60244	47.160	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	214100	52.716	ug/l	98
20) Methylene Chloride	4.800	84	128903	50.812	ug/l	96
21) trans-1,2-Dichloroethene	5.306	96	100572	50.259	ug/l	94
22) Diisopropyl ether	6.217	45	312995	50.764	ug/l	97
23) Vinyl Acetate	6.153	43	917724	260.732	ug/l	99
24) 1,1-Dichloroethane	6.117	63	175038	45.625	ug/l	98
25) 2-Butanone	7.082	43	159137	287.519	ug/l	100
26) 2,2-Dichloropropane	7.070	77	148100	48.447	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	110499	48.227	ug/l	99
28) Bromochloromethane	7.423	49	80176	44.535	ug/l	98
29) Tetrahydrofuran	7.447	42	92242	247.795	ug/l	99
30) Chloroform	7.594	83	184351	47.466	ug/l	95
31) Cyclohexane	7.876	56	169488	49.404	ug/l	98
32) 1,1,1-Trichloroethane	7.794	97	153659	47.260	ug/l	99
36) 1,1-Dichloropropene	8.005	75	135272	57.059	ug/l	99
37) Ethyl Acetate	7.164	43	62728	54.022	ug/l	99
38) Carbon Tetrachloride	7.994	117	132722	55.256	ug/l	94
39) Methylcyclohexane	9.276	83	151767	56.445	ug/l	99
40) Benzene	8.247	78	407446	56.890	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	34021	51.952	ug/l	95
42) 1,2-Dichloroethane	8.323	62	107027	52.236	ug/l	100
43) Isopropyl Acetate	8.358	43	119399	55.597	ug/l	98
44) Trichloroethene	9.023	130	85857	51.113	ug/l	97
45) 1,2-Dichloropropane	9.305	63	96852	52.708	ug/l	97
46) Dibromomethane	9.394	93	48881	49.132	ug/l	98
47) Bromodichloromethane	9.582	83	133657	53.064	ug/l	99
48) Methyl methacrylate	9.382	41	60544	57.935	ug/l	100
49) 1,4-Dioxane	9.382	88	12231	1156.877	ug/l	97
51) 4-Methyl-2-Pentanone	10.158	43	275673	243.232	ug/l	99
52) Toluene	10.329	92	199255	45.861	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	101689	43.767	ug/l	97
54) cis-1,3-Dichloropropene	10.017	75	123301	46.336	ug/l	96
55) 1,1,2-Trichloroethane	10.729	97	54465	40.937	ug/l	91
56) Ethyl methacrylate	10.593	69	76228	41.215	ug/l	98
57) 1,3-Dichloropropane	10.876	76	96581	42.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.864	63	169107	249.391	ug/l	98
59) 2-Hexanone	10.917	43	201544	262.788	ug/l	99
60) Dibromochloromethane	11.070	129	69205	42.651	ug/l	99
61) 1,2-Dibromoethane	11.182	107	50615	42.419	ug/l	95
64) Tetrachloroethene	10.805	164	60221	48.640	ug/l	97
65) Chlorobenzene	11.605	112	208729	51.825	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.676	131	68624	50.541	ug/l	100
67) Ethyl Benzene	11.682	91	372633	54.817	ug/l	100
68) m/p-Xylenes	11.788	106	288252	108.273	ug/l	98
69) o-Xylene	12.117	106	130641	52.712	ug/l	99
70) Styrene	12.135	104	232234	53.148	ug/l	99
71) Bromoform	12.299	173	38337	51.045	ug/l #	99
73) Isopropylbenzene	12.417	105	340463	44.521	ug/l	100
74) N-amyl acetate	12.229	43	99494	47.972	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	65322	40.411	ug/l	95
76) 1,2,3-Trichloropropane	12.717	75	87486	76.448	ug/l #	100
77) Bromobenzene	12.699	156	81195	43.162	ug/l	95
78) n-propylbenzene	12.764	91	440246	46.304	ug/l	100
79) 2-Chlorotoluene	12.846	91	241654	44.129	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	289870	45.414	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	26013	45.417	ug/l	95
82) 4-Chlorotoluene	12.946	91	259576	44.424	ug/l	99
83) tert-Butylbenzene	13.164	119	241407	44.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	295556	46.543	ug/l	100
85) sec-Butylbenzene	13.346	105	376171	46.487	ug/l	100
86) p-Isopropyltoluene	13.458	119	369166	54.288	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	190874	49.510	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	201754	52.354	ug/l	98
89) n-Butylbenzene	13.787	91	365151	52.979	ug/l	98
90) Hexachloroethane	14.052	117	72454	48.044	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	171769	51.562	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	13178	50.046	ug/l	93
93) 1,2,4-Trichlorobenzene	15.093	180	105036	45.177	ug/l	98
94) Hexachlorobutadiene	15.199	225	54343	49.388	ug/l	97
95) Naphthalene	15.329	128	218074	48.232	ug/l	100
96) 1,2,3-Trichlorobenzene	15.517	180	99093	47.521	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat May 31 00:36:06 2025
Response via : Initial Calibration

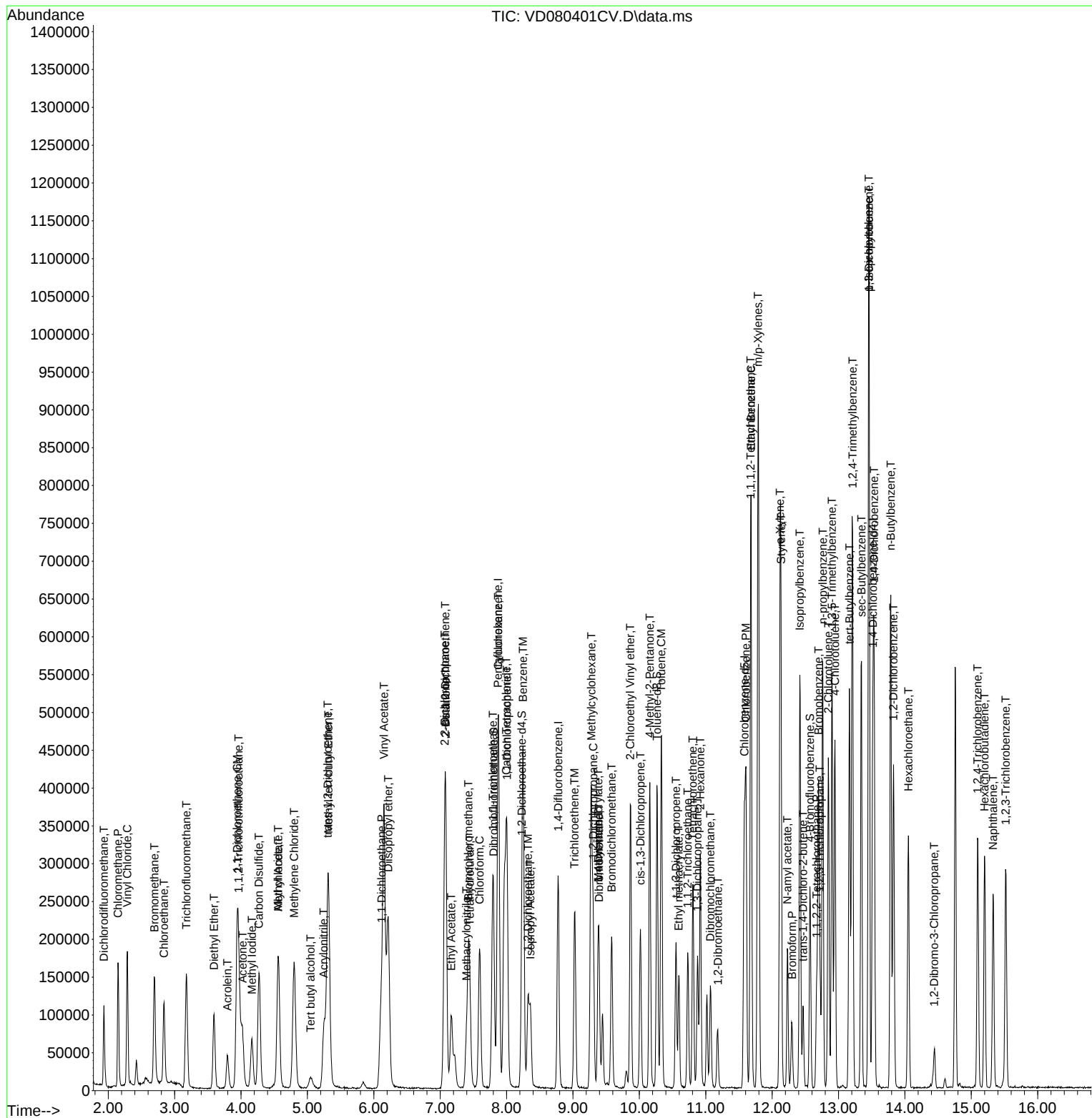
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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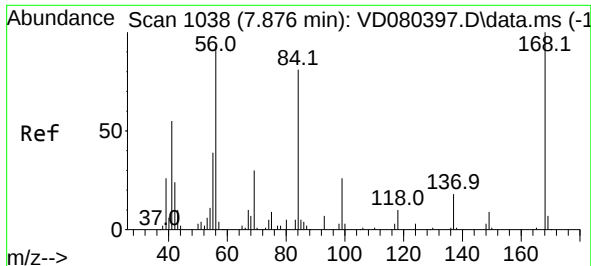
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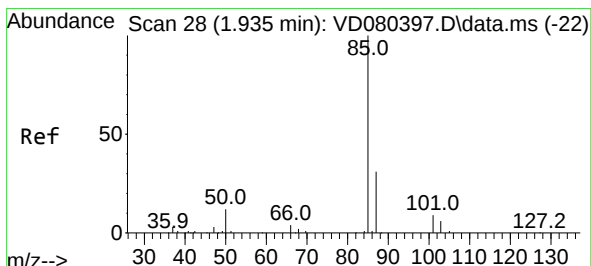
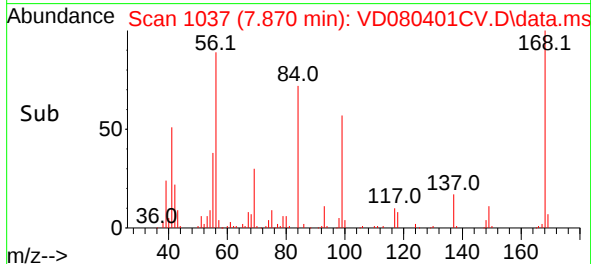
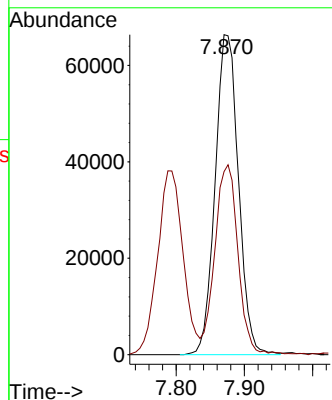
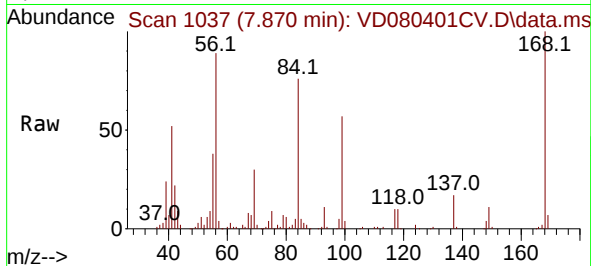




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.870 min Scan# 1037
Delta R.T. -0.006 min
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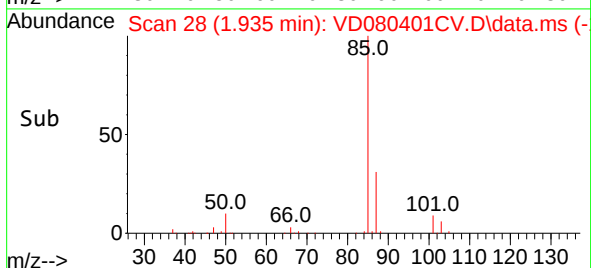
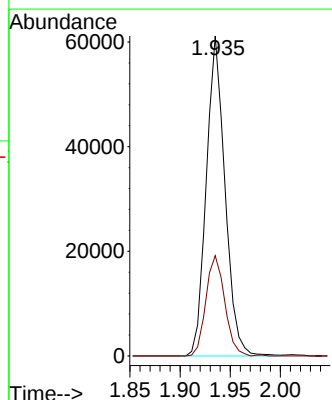
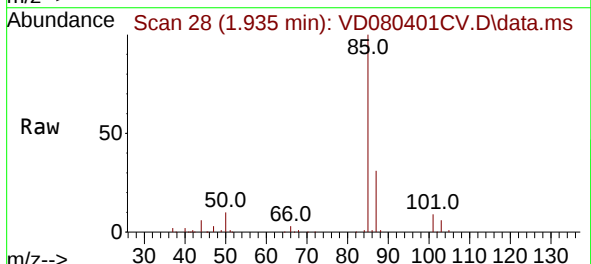
Instrument :
MSVOA_D
ClientSampleId :

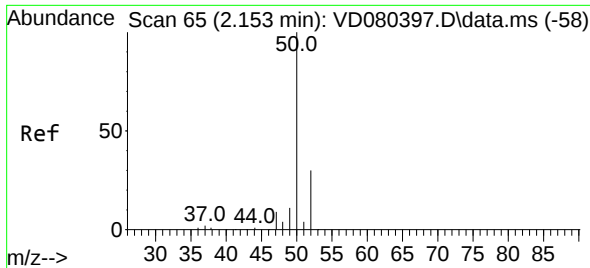
Tgt Ion:168 Resp: 158059
Ion Ratio Lower Upper
168 100
99 56.6 47.5 71.3



#2
Dichlorodifluoromethane
Concen: 43.942 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 85 Resp: 79526
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.7

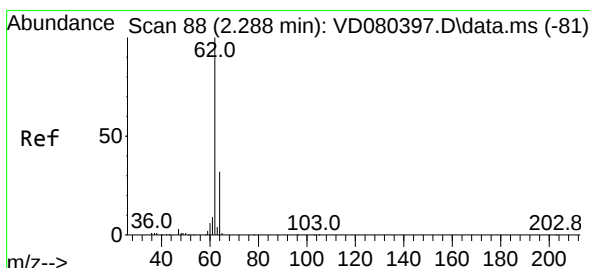
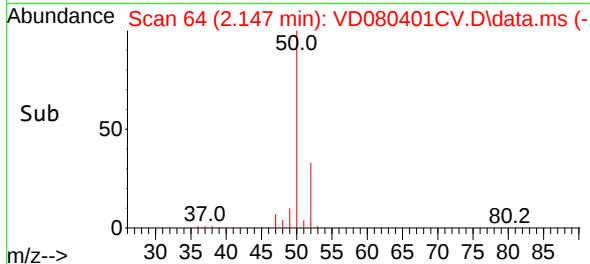
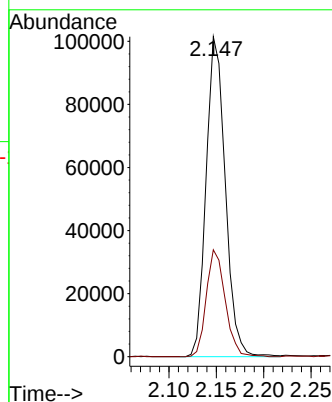
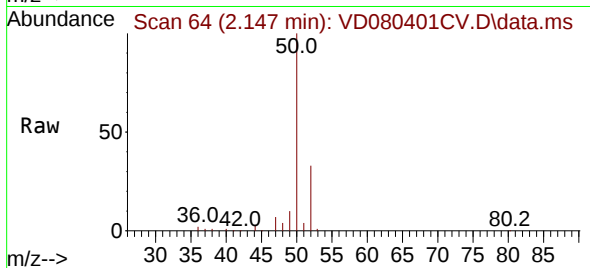




#3
Chloromethane
Concen: 46.354 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

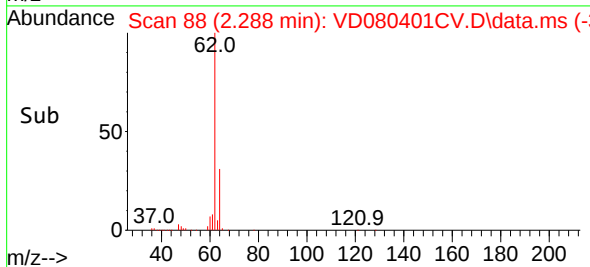
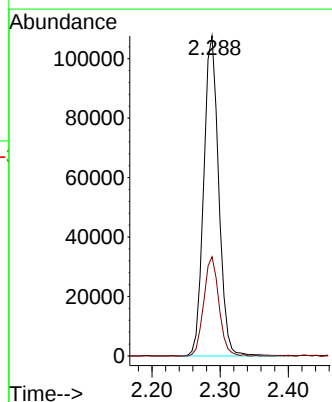
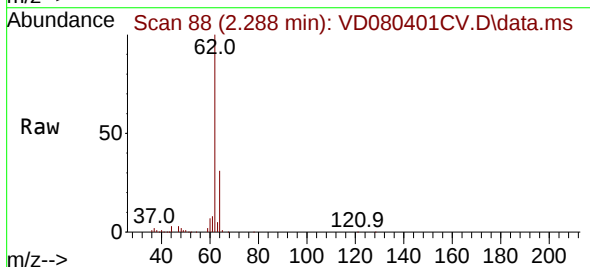
Instrument :
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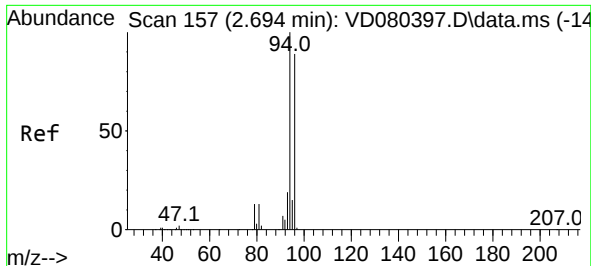
Tgt Ion: 50 Resp: 143086
Ion Ratio Lower Upper
50 100
52 33.4 24.4 36.6



#4
Vinyl Chloride
Concen: 47.822 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 62 Resp: 164903
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0

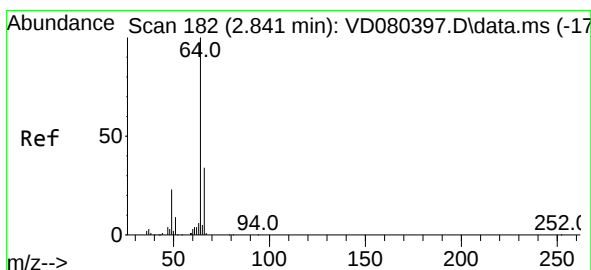
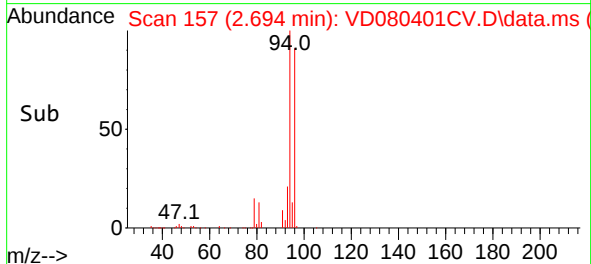
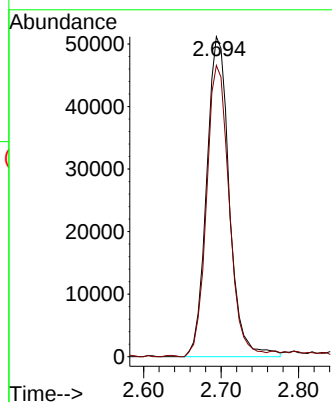
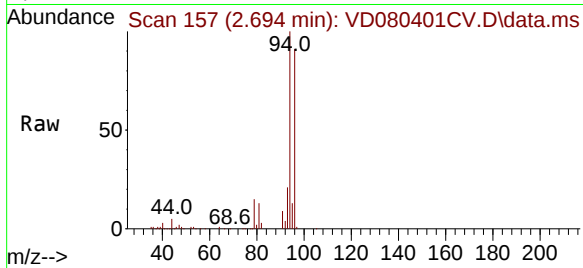




#5
Bromomethane
Concen: 42.470 ug/l
RT: 2.694 min Scan# 157
Delta R.T. -0.000 min
Lab File: VD080401CV.D
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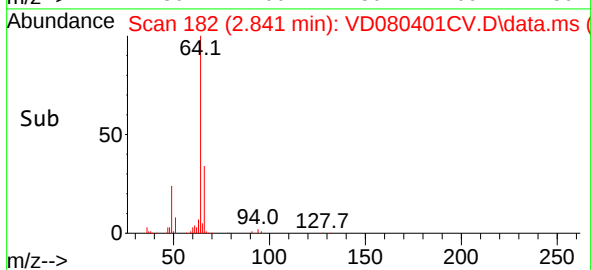
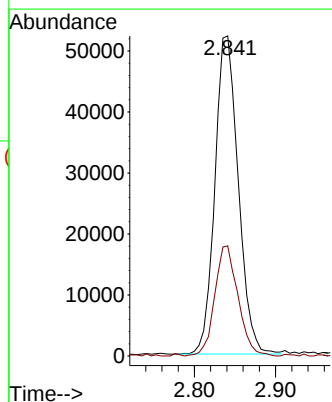
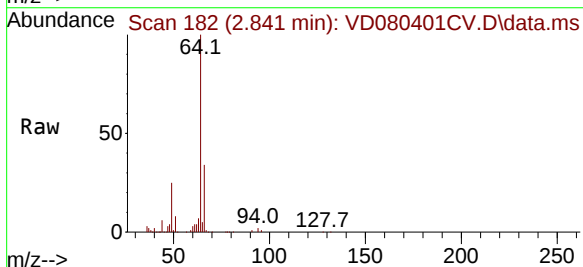
Instrument :
MSVOA_D
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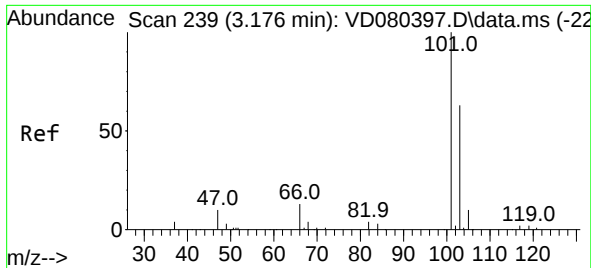
Tgt Ion: 94 Resp: 104032
Ion Ratio Lower Upper
94 100
96 90.8 74.7 112.1



#6
Chloroethane
Concen: 44.527 ug/l
RT: 2.841 min Scan# 182
Delta R.T. -0.000 min
Lab File: VD080401CV.D
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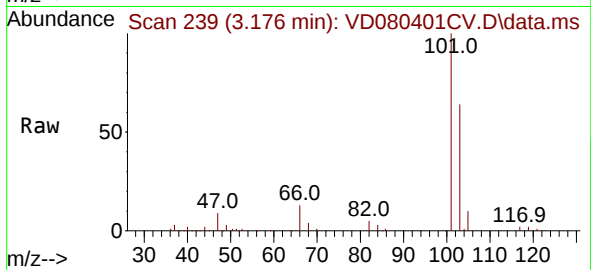
Tgt Ion: 64 Resp: 104485
Ion Ratio Lower Upper
64 100
66 34.6 27.3 40.9



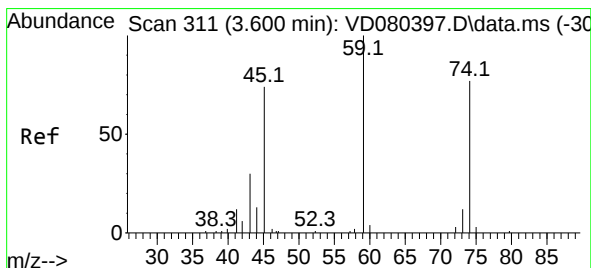
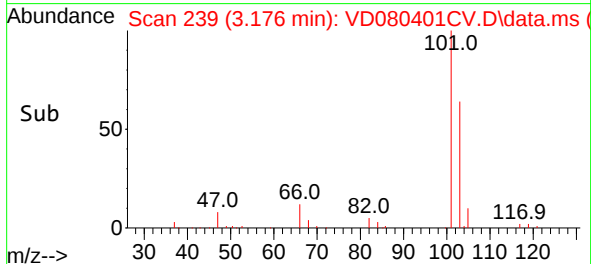
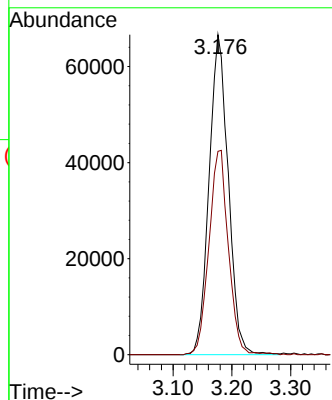


#7
Trichlorofluoromethane
Concen: 47.620 ug/l
RT: 3.176 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080401CV.D
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Instrument :
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ClientSampleId :

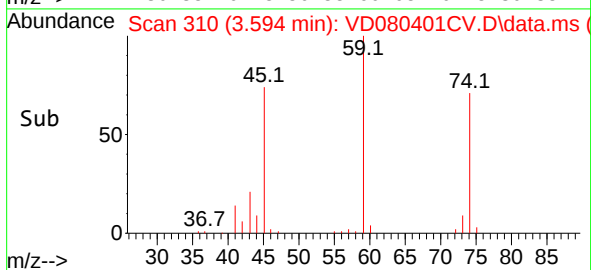
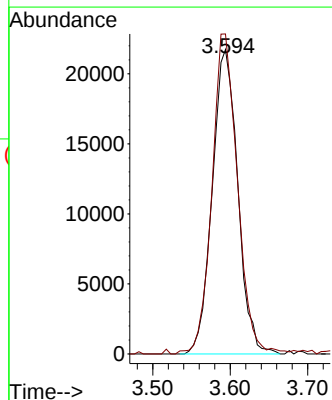
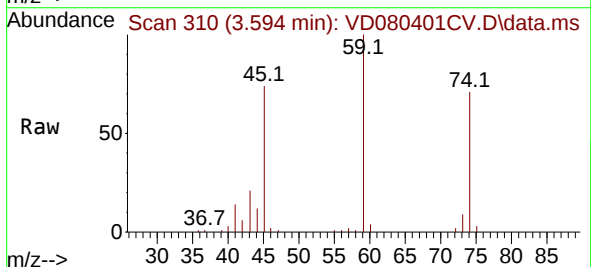


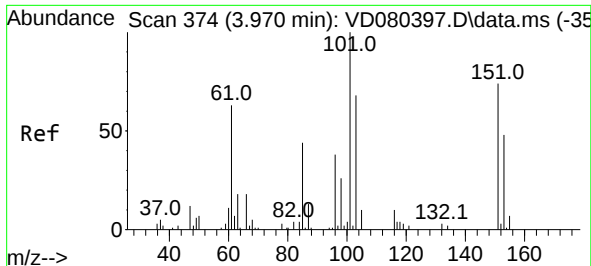
Tgt Ion:101 Resp: 150900
Ion Ratio Lower Upper
101 100
103 63.6 50.7 76.1



#8
Diethyl Ether
Concen: 53.372 ug/l
RT: 3.594 min Scan# 310
Delta R.T. -0.006 min
Lab File: VD080401CV.D
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Tgt Ion: 74 Resp: 49857
Ion Ratio Lower Upper
74 100
45 105.0 52.1 156.4

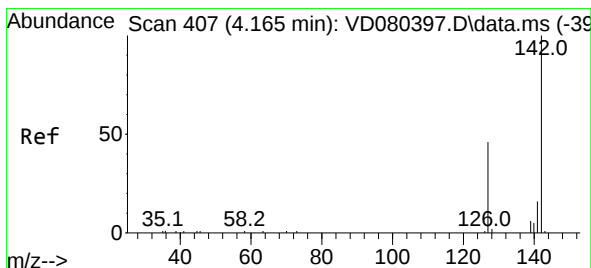
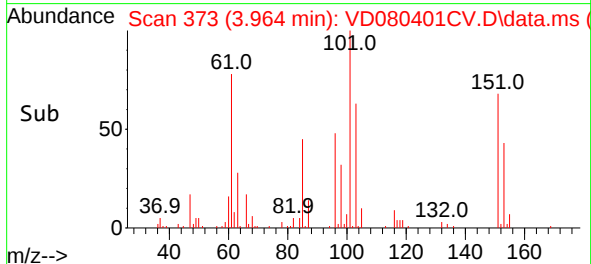
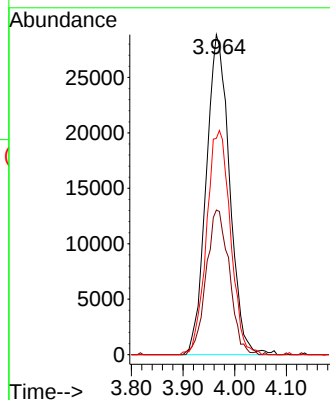
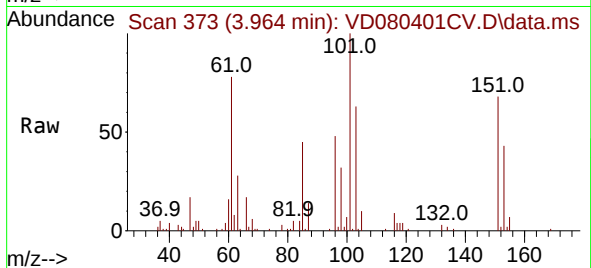




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.270 ug/l
RT: 3.964 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

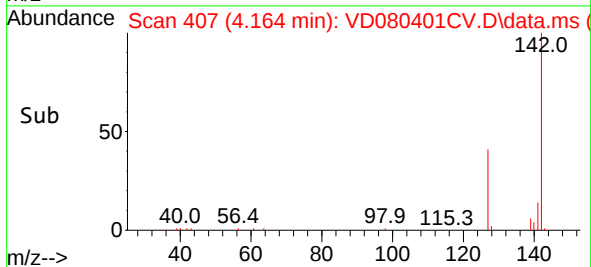
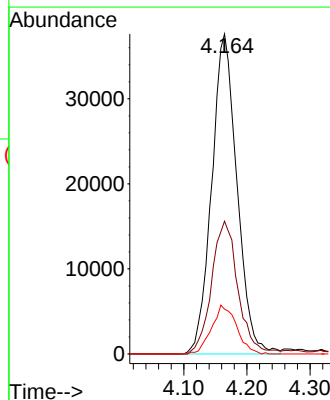
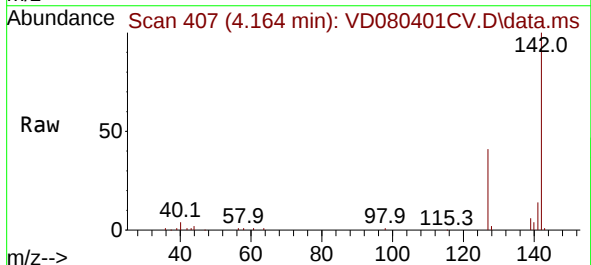
Instrument :
MSVOA_D
ClientSampleId :

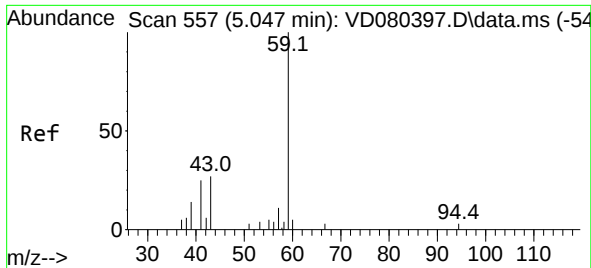
Tgt Ion:101 Resp: 90666
Ion Ratio Lower Upper
101 100
85 44.7 35.9 53.9
151 71.7 57.6 86.4



#10
Methyl Iodide
Concen: 55.398 ug/l
RT: 4.164 min Scan# 407
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion:142 Resp: 104737
Ion Ratio Lower Upper
142 100
127 43.2 36.4 54.6
141 15.0 12.1 18.1

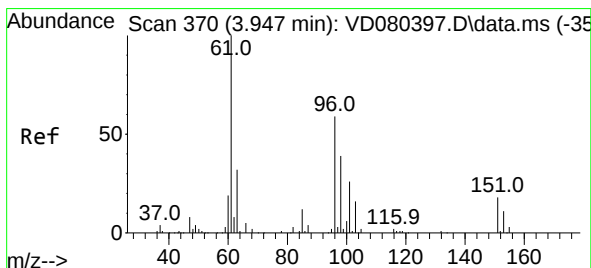
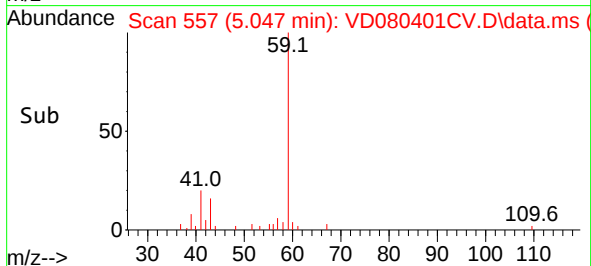
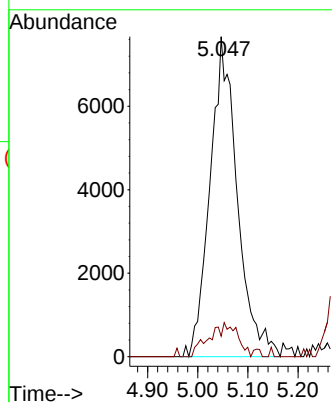
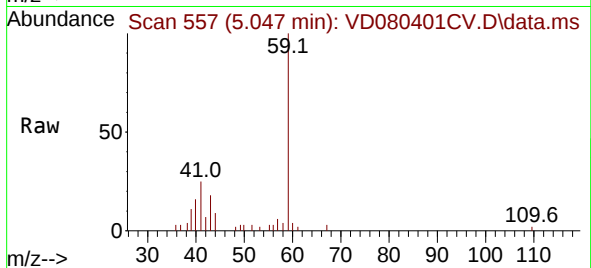




#11
Tert butyl alcohol
Concen: 254.324 ug/l
RT: 5.047 min Scan# 511
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

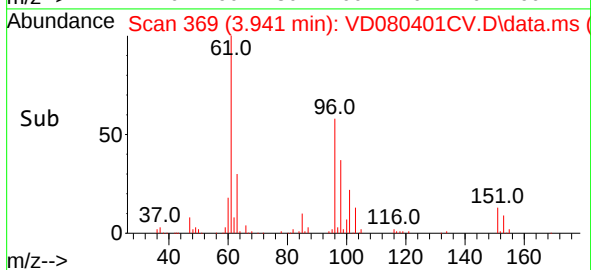
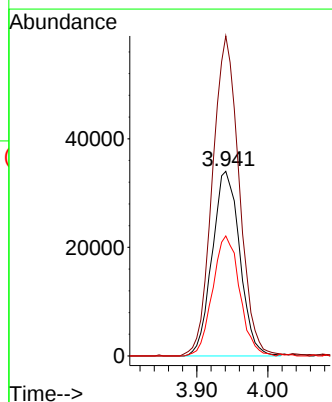
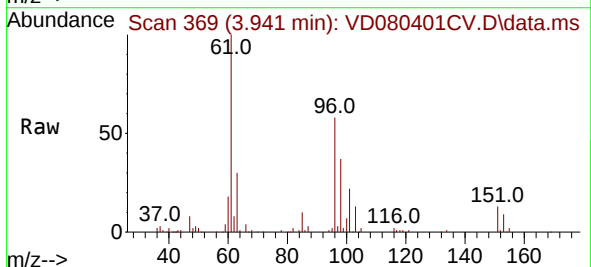
Instrument :
MSVOA_D
ClientSampleId :

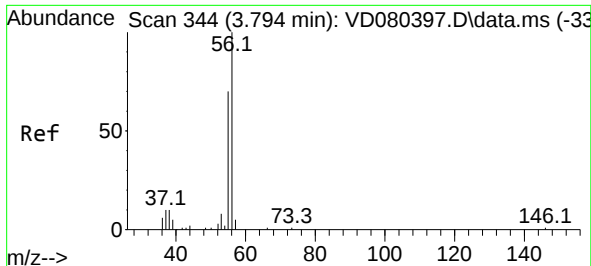
Tgt Ion: 59 Resp: 28949
Ion Ratio Lower Upper
59 100
57 5.6 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 50.127 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 96 Resp: 91734
Ion Ratio Lower Upper
96 100
61 173.3 135.7 203.5
98 65.0 52.5 78.7





#13

Acrolein

Concen: 249.582 ug/l

RT: 3.794 min Scan# 344

Delta R.T. -0.000 min

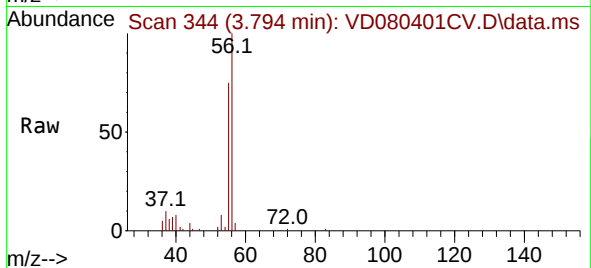
Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

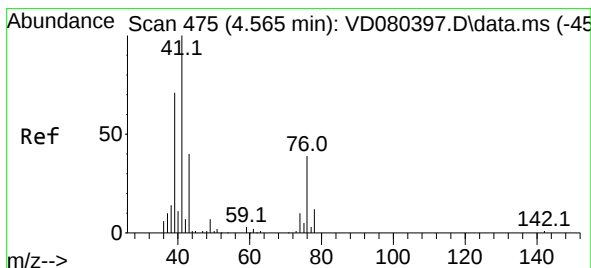
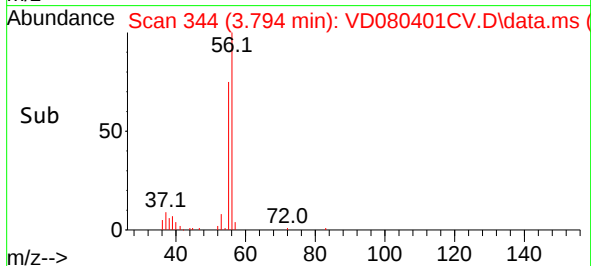
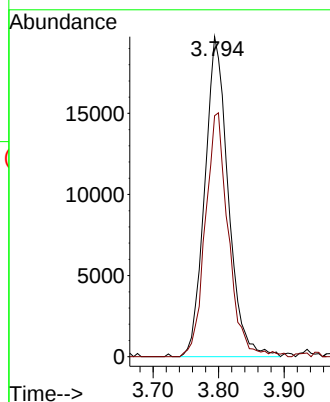


Tgt Ion: 56 Resp: 49123

Ion Ratio Lower Upper

56 100

55 74.9 57.1 85.7



#14

Allyl chloride

Concen: 52.915 ug/l

RT: 4.558 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

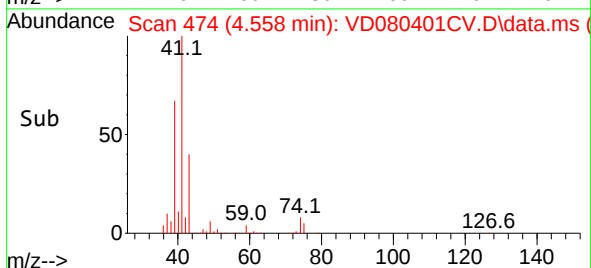
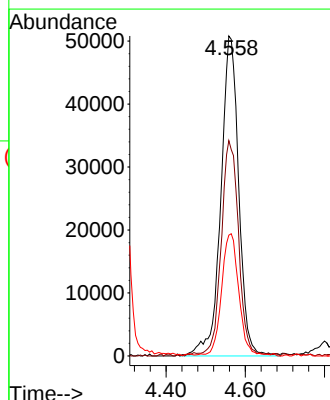
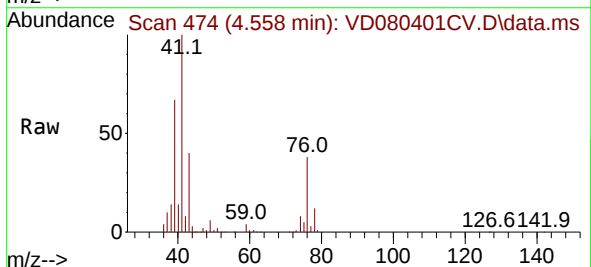
Tgt Ion: 41 Resp: 159591

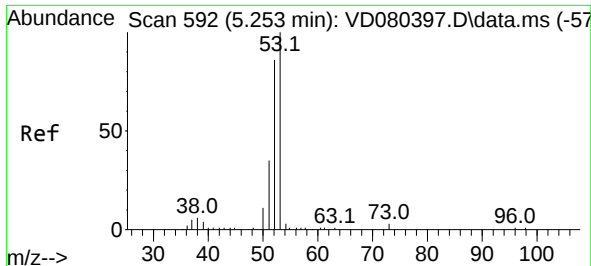
Ion Ratio Lower Upper

41 100

39 63.2 53.3 79.9

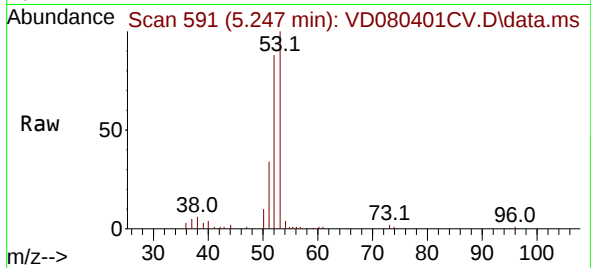
76 35.7 29.4 44.2



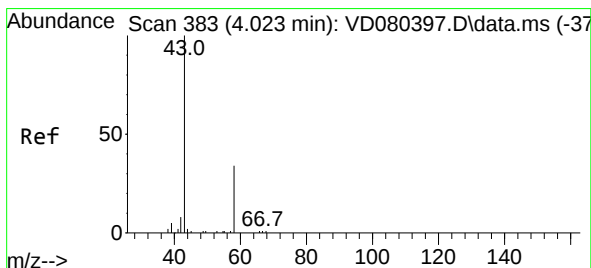
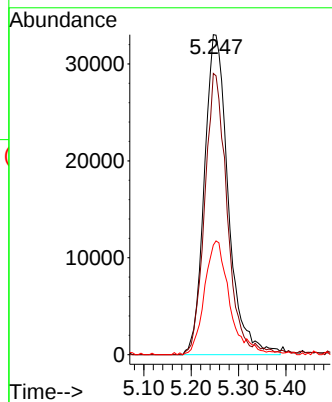
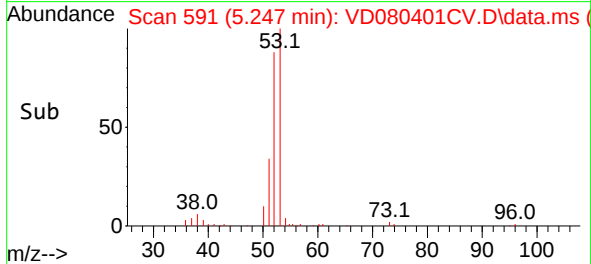


#15
Acrylonitrile
Concen: 253.009 ug/l
RT: 5.247 min Scan# 592
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Instrument :
MSVOA_D
ClientSampleId :

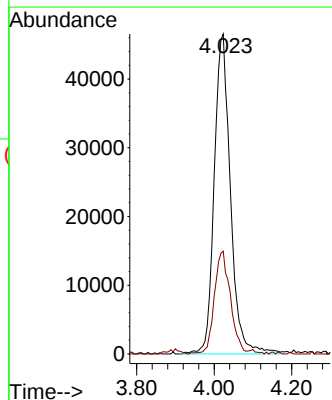
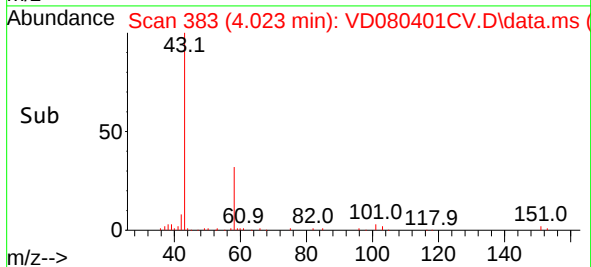
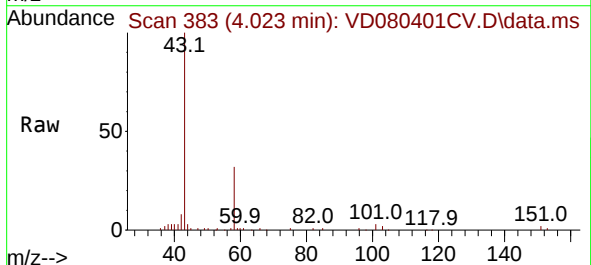


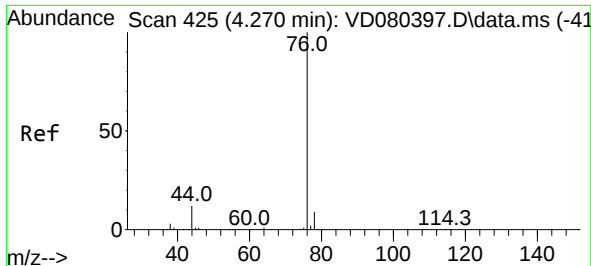
Tgt Ion: 53 Resp: 115901
Ion Ratio Lower Upper
53 100
52 81.0 65.6 98.4
51 37.6 30.5 45.7



#16
Acetone
Concen: 366.844 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 43 Resp: 135591
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

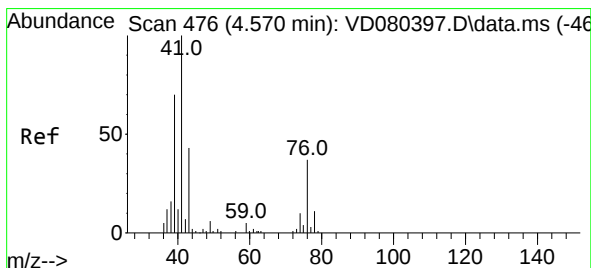
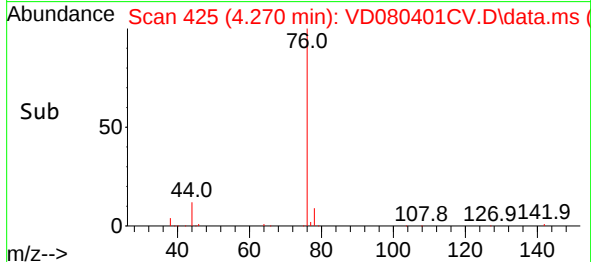
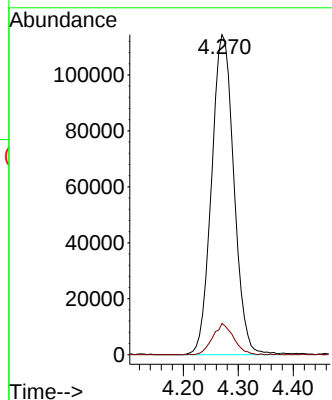
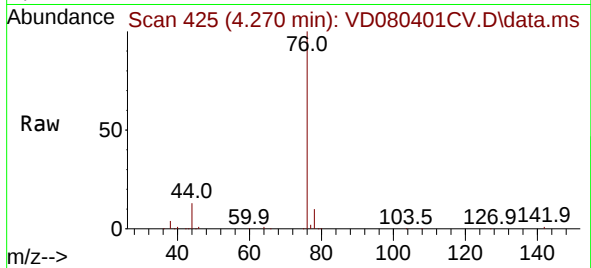




#17
Carbon Disulfide
Concen: 49.074 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

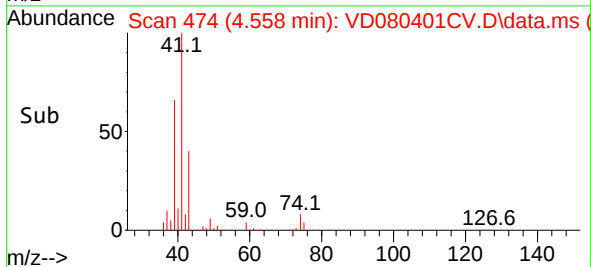
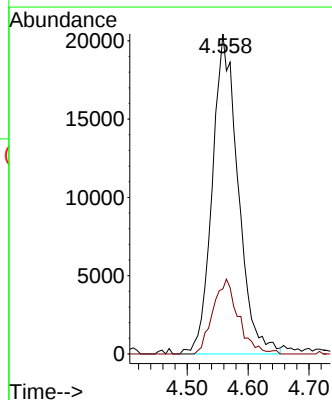
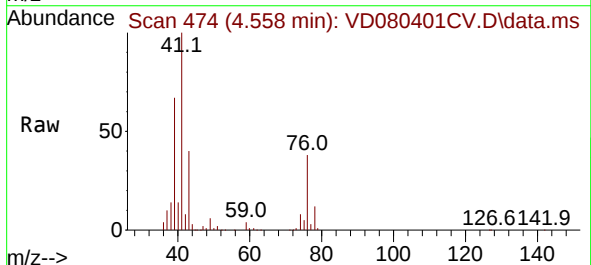
Instrument :
MSVOA_D
ClientSampleId :

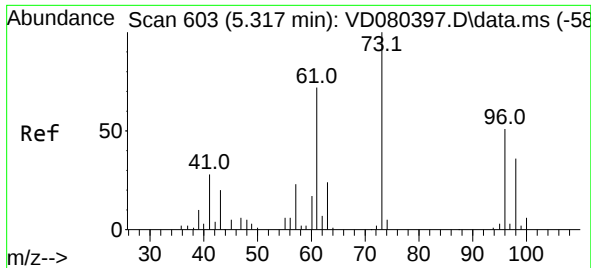
Tgt Ion: 76 Resp: 322944
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9



#18
Methyl Acetate
Concen: 47.160 ug/l
RT: 4.558 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 43 Resp: 60244
Ion Ratio Lower Upper
43 100
74 23.2 18.6 28.0

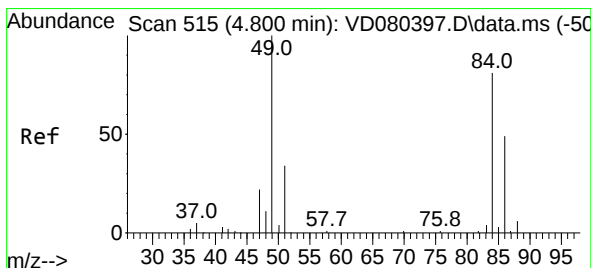
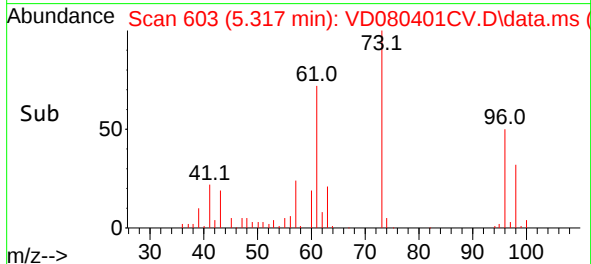
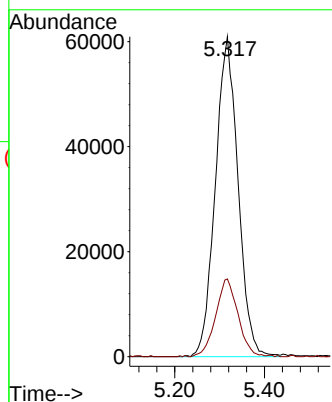
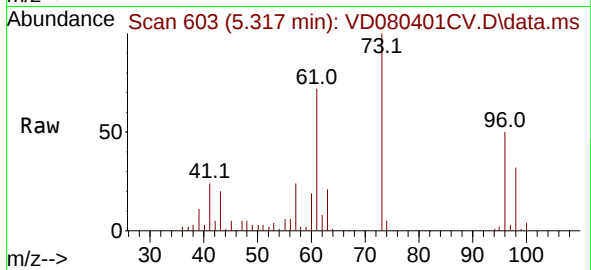




#19
Methyl tert-butyl Ether
Concen: 52.716 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

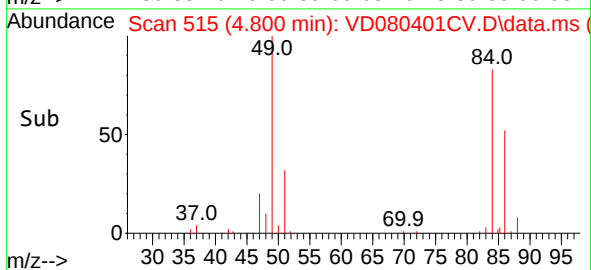
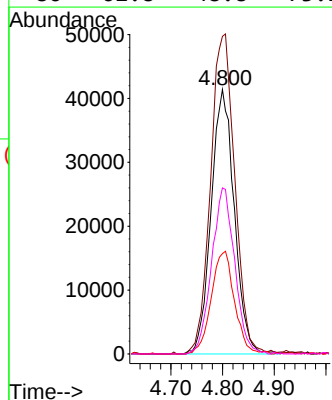
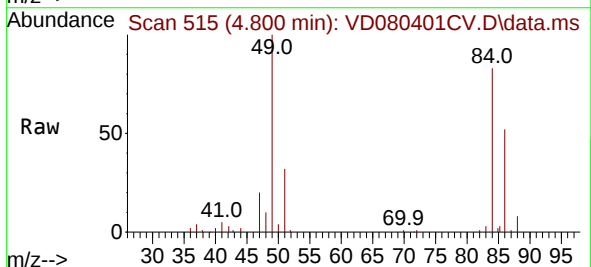
Instrument :
MSVOA_D
ClientSampleId :

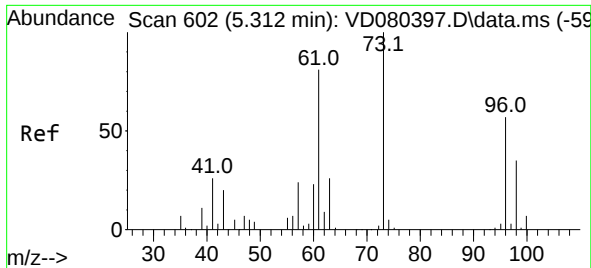
Tgt Ion: 73 Resp: 214100
Ion Ratio Lower Upper
73 100
57 24.3 18.7 28.1



#20
Methylene Chloride
Concen: 50.812 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 84 Resp: 128903
Ion Ratio Lower Upper
84 100
49 120.1 99.0 148.6
51 37.9 33.6 50.4
86 62.8 48.8 73.2

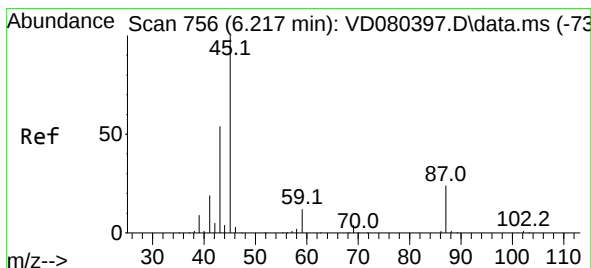
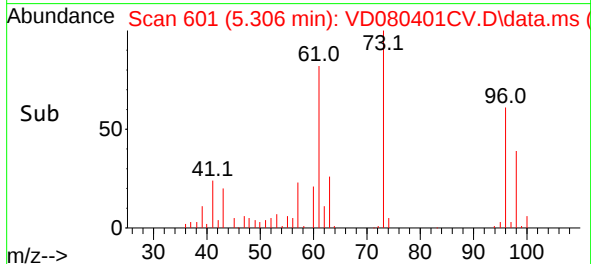
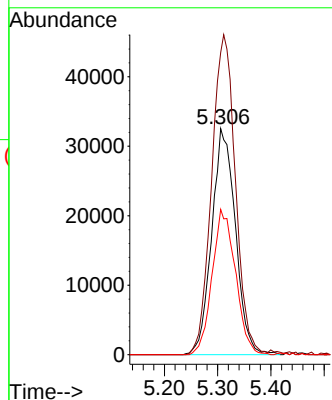
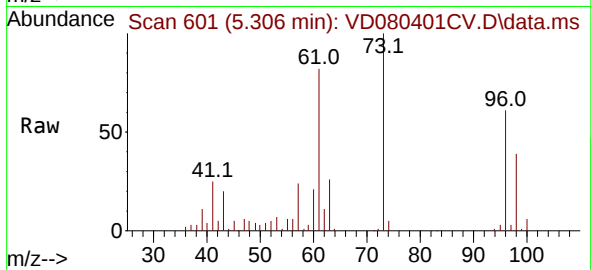




#21
trans-1,2-Dichloroethene
Concen: 50.259 ug/l
RT: 5.306 min Scan# 601
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

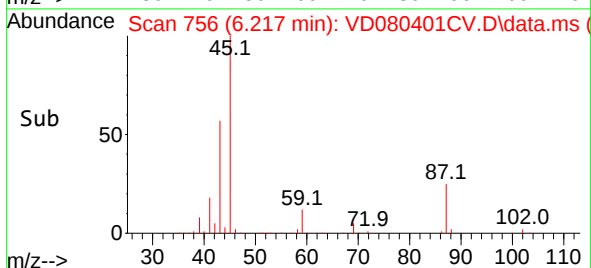
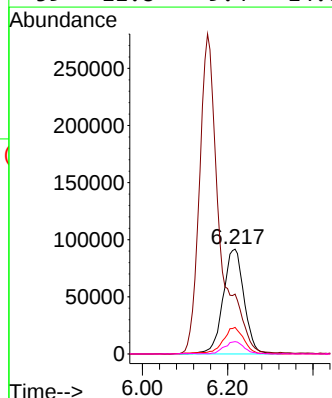
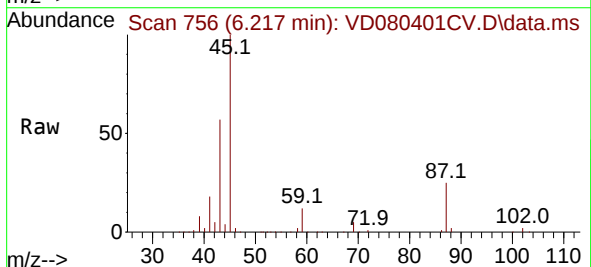
Instrument :
MSVOA_D
ClientSampleId :

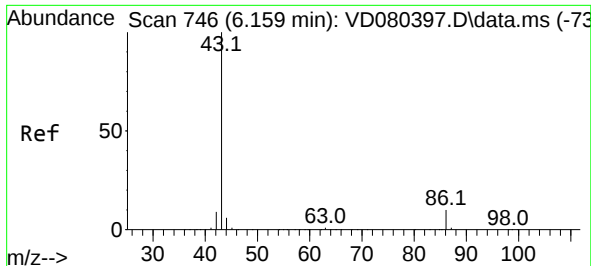
Tgt Ion: 96 Resp: 100572
Ion Ratio Lower Upper
96 100
61 133.6 113.6 170.4
98 64.3 49.4 74.2



#22
Diisopropyl ether
Concen: 50.764 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 45 Resp: 312995
Ion Ratio Lower Upper
45 100
43 56.5 43.4 65.0
87 25.2 19.1 28.7
59 11.8 9.4 14.0

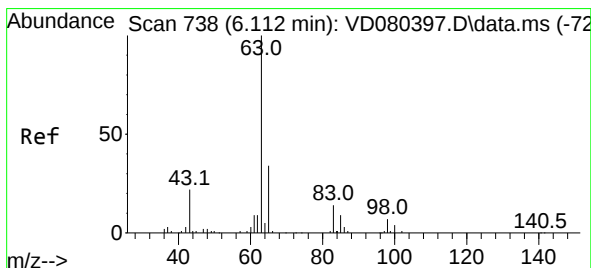
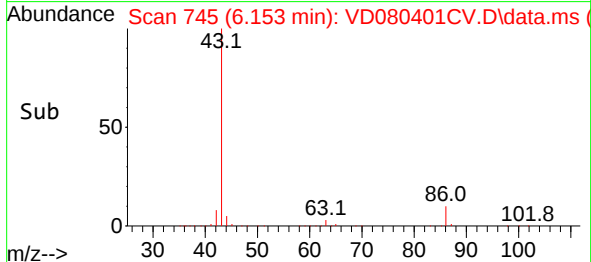
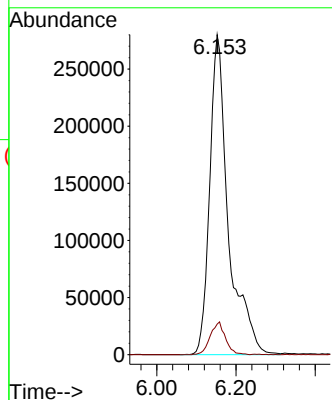
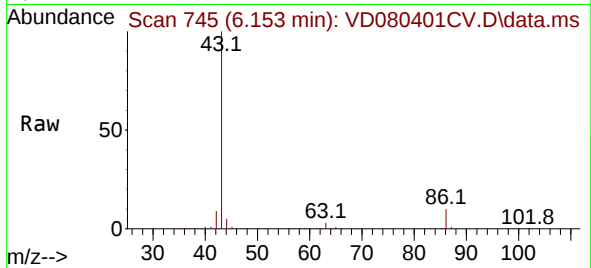




#23
Vinyl Acetate
Concen: 260.732 ug/l
RT: 6.153 min Scan# 746
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

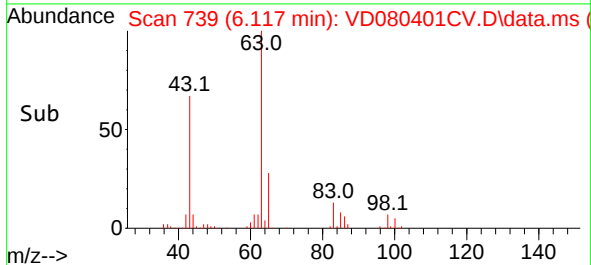
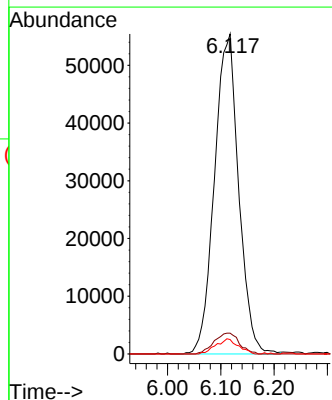
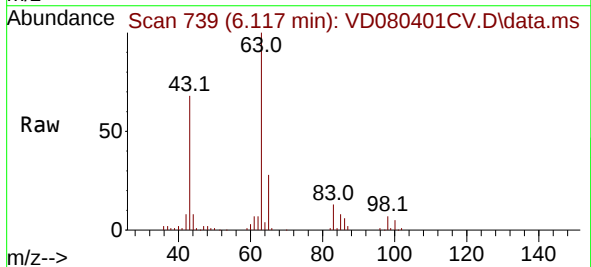
Instrument :
MSVOA_D
ClientSampleId :

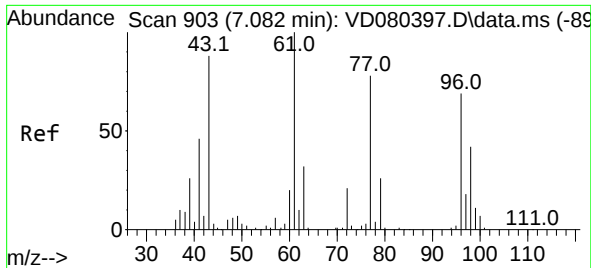
Tgt Ion: 43 Resp: 917724
Ion Ratio Lower Upper
43 100
86 9.6 8.0 12.0



#24
1,1-Dichloroethane
Concen: 45.625 ug/l
RT: 6.117 min Scan# 739
Delta R.T. 0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 63 Resp: 175038
Ion Ratio Lower Upper
63 100
98 6.5 3.7 11.1
100 4.5 2.3 6.8

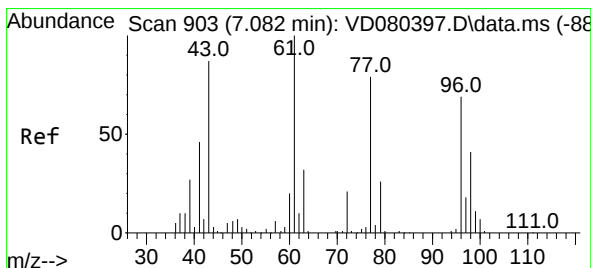
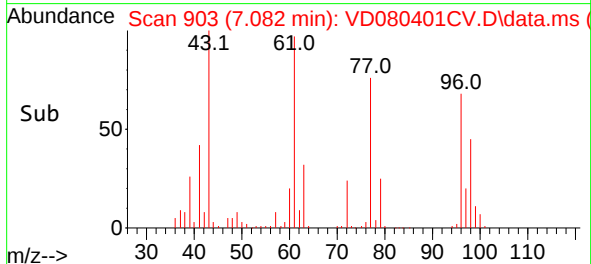
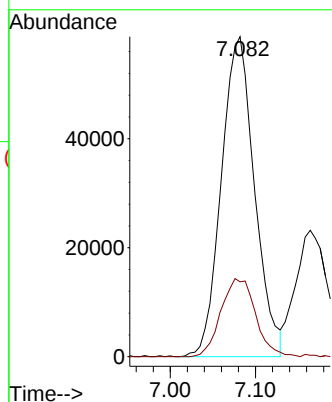
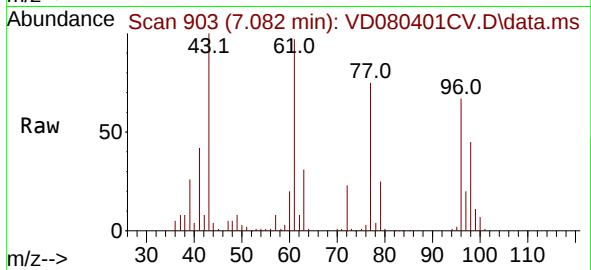




#25
2-Butanone
Concen: 287.519 ug/l
RT: 7.082 min Scan# 901
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

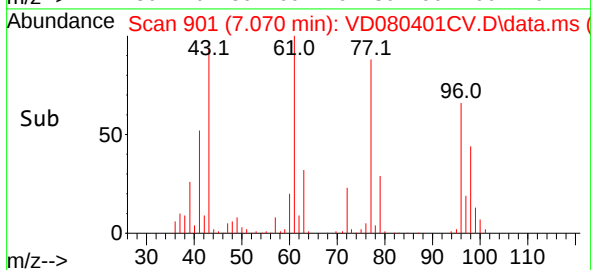
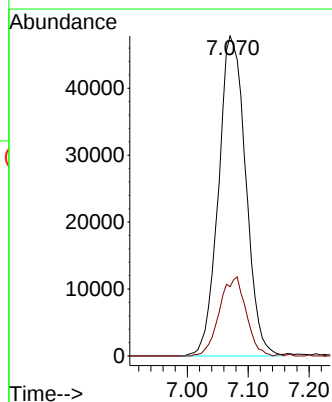
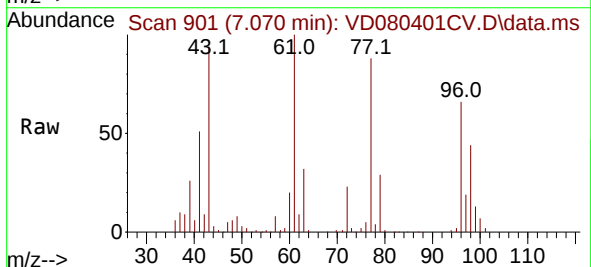
Instrument :
MSVOA_D
ClientSampleId :

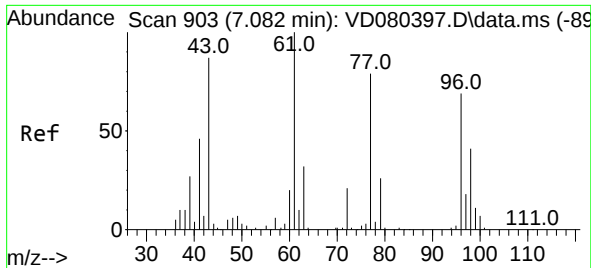
Tgt Ion: 43 Resp: 159137
Ion Ratio Lower Upper
43 100
72 23.4 18.9 28.3



#26
2,2-Dichloropropane
Concen: 48.447 ug/l
RT: 7.070 min Scan# 901
Delta R.T. -0.012 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 77 Resp: 148100
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.227 ug/l

RT: 7.076 min Scan# 903

Delta R.T. -0.006 min MSVOA_D

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

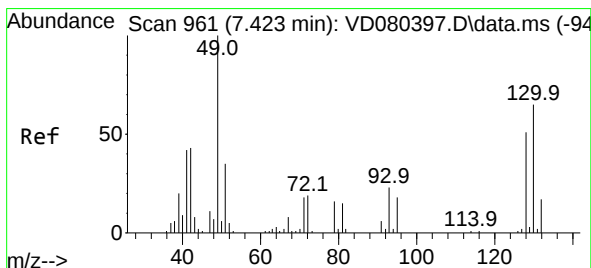
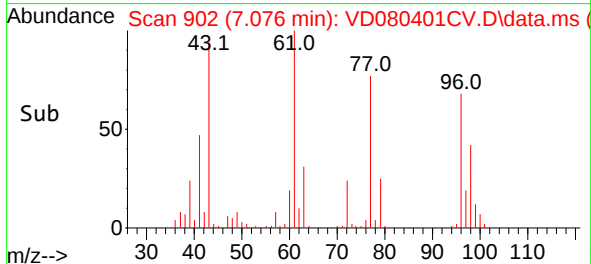
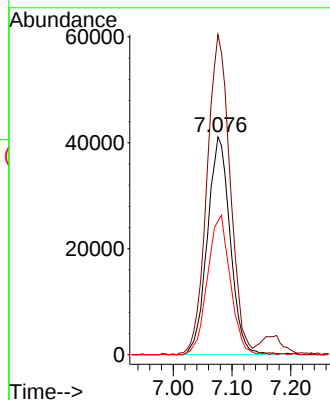
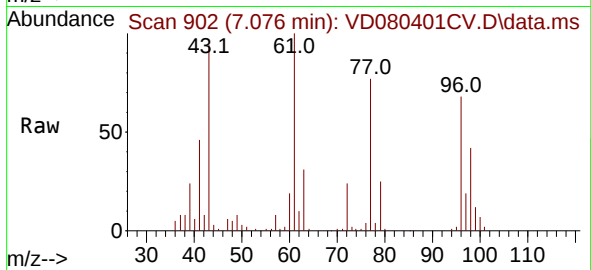
Tgt Ion: 96 Resp: 110499

Ion Ratio Lower Upper

96 100

61 149.2 0.0 301.4

98 64.2 0.0 128.2



#28

Bromochloromethane

Concen: 44.535 ug/l

RT: 7.423 min Scan# 961

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

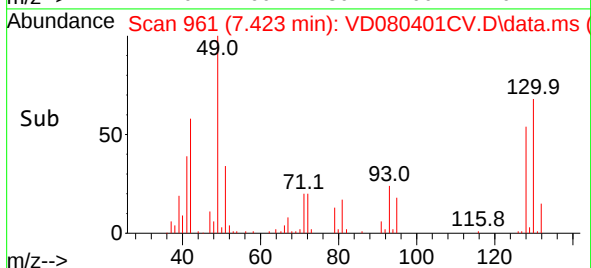
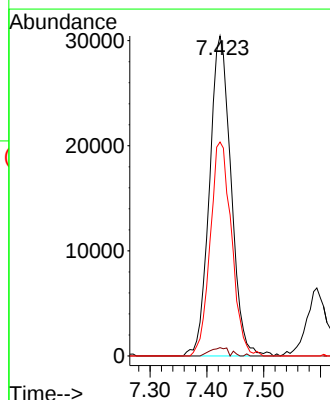
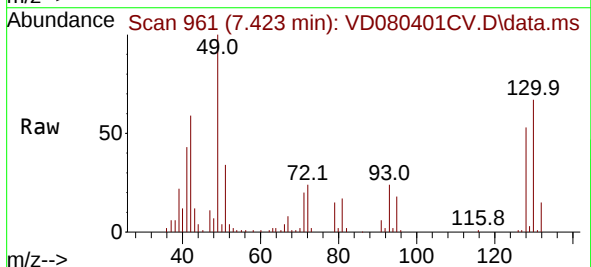
Tgt Ion: 49 Resp: 80176

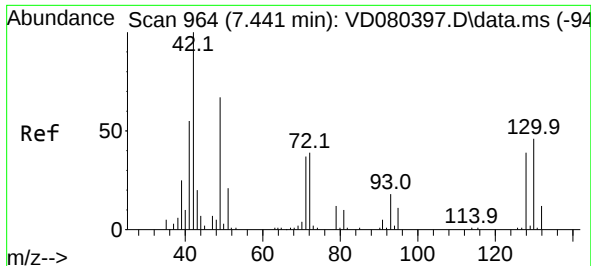
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.6

130 66.2 54.2 81.4





#29

Tetrahydrofuran

Concen: 247.795 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

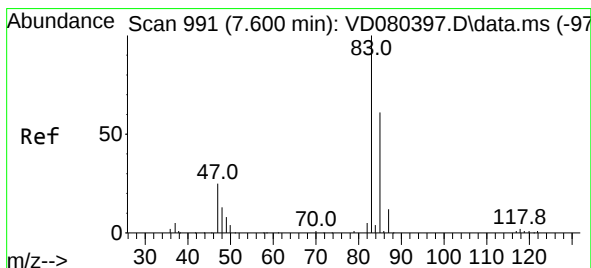
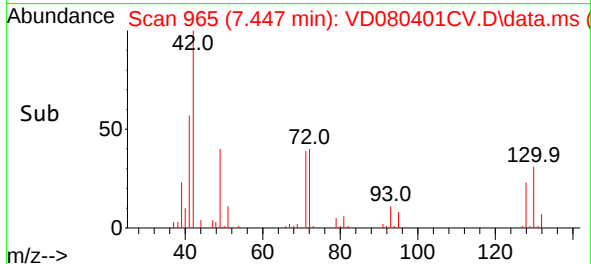
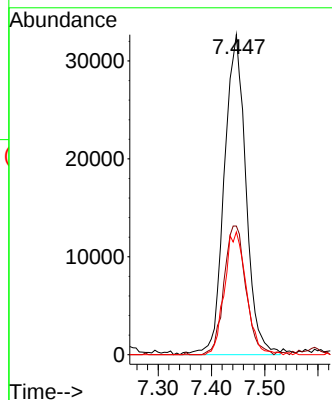
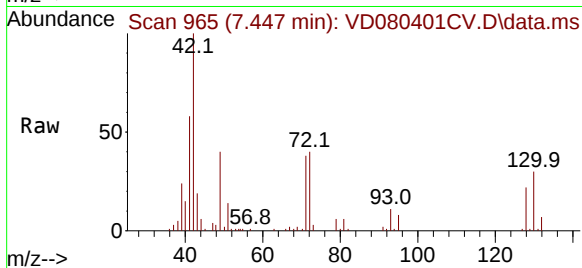
Tgt Ion: 42 Resp: 92242

Ion Ratio Lower Upper

42 100

72 40.6 32.6 49.0

71 38.7 32.0 48.0



#30

Chloroform

Concen: 47.466 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.006 min

Lab File: VD080401CV.D

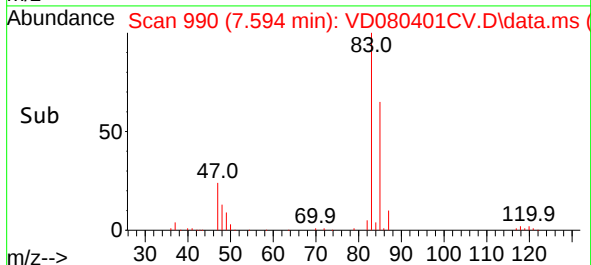
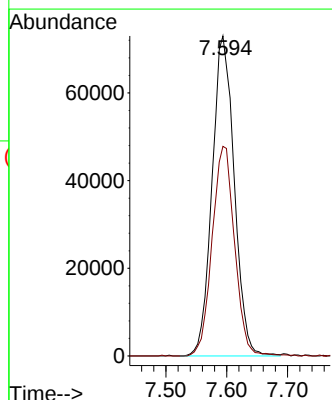
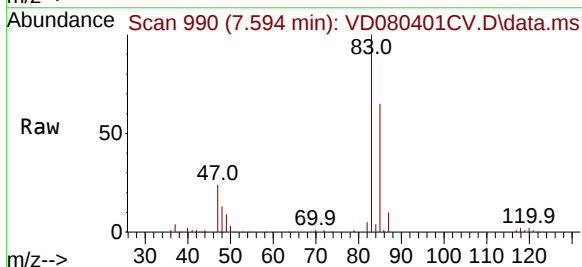
Acq: 30 May 2025 14:38

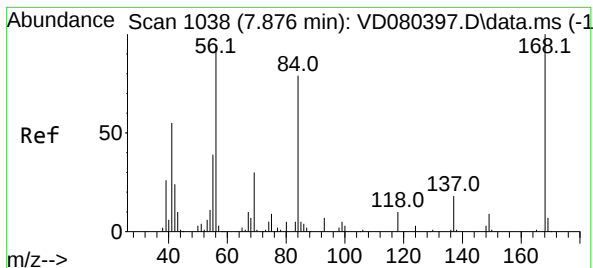
Tgt Ion: 83 Resp: 184351

Ion Ratio Lower Upper

83 100

85 65.5 49.2 73.8





#31

Cyclohexane

Concen: 49.404 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

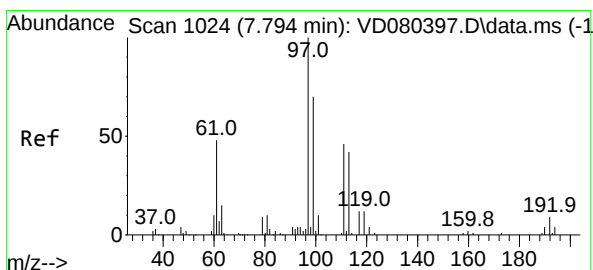
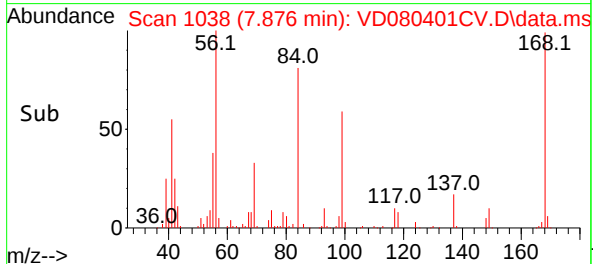
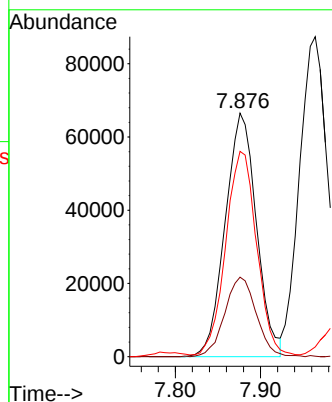
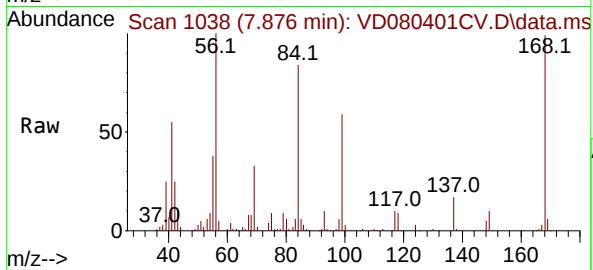
Tgt Ion: 56 Resp: 169488

Ion Ratio Lower Upper

56 100

69 32.7 25.5 38.3

84 83.0 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 47.260 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

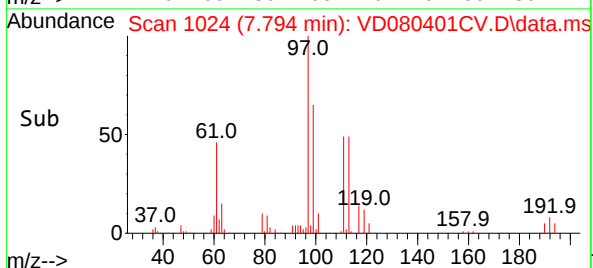
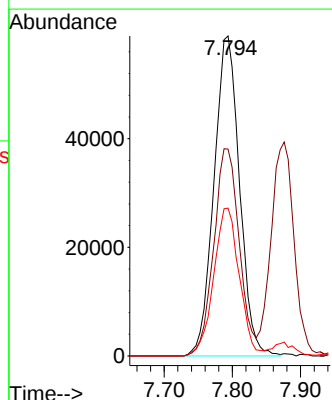
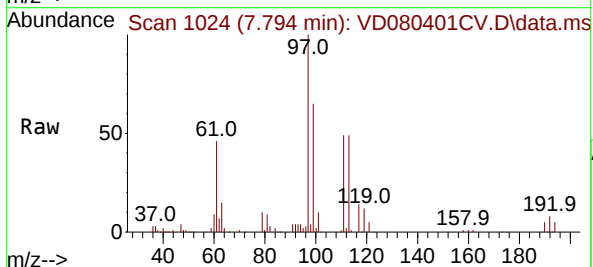
Tgt Ion: 97 Resp: 153659

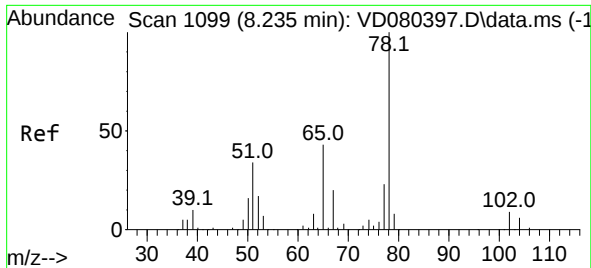
Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 46.4 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 46.160 ug/l

RT: 8.229 min Scan# 11097

Delta R.T. -0.006 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

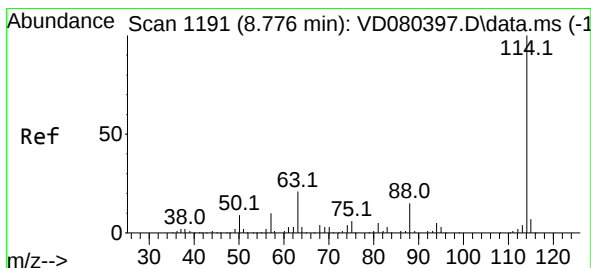
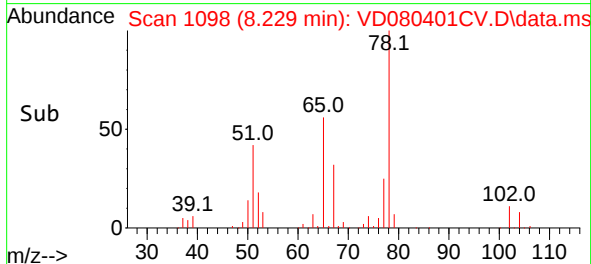
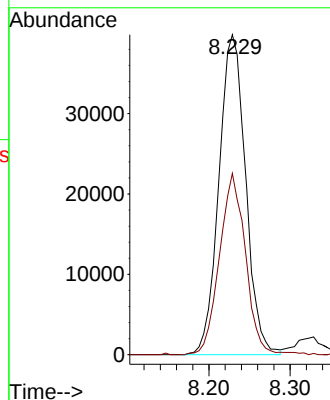
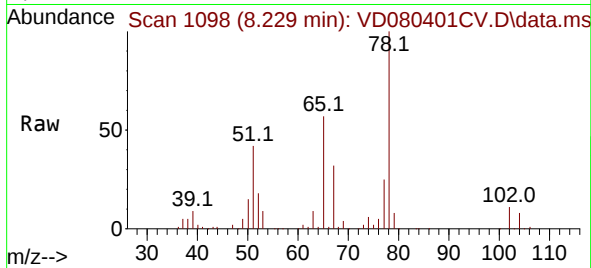
ClientSampleId :

Tgt Ion: 65 Resp: 91097

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

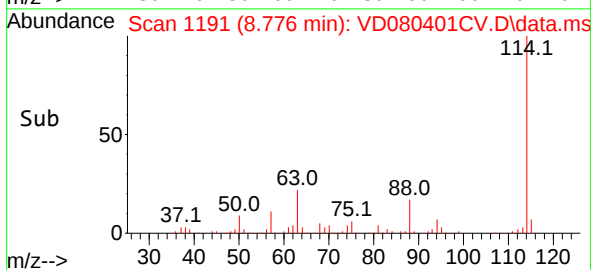
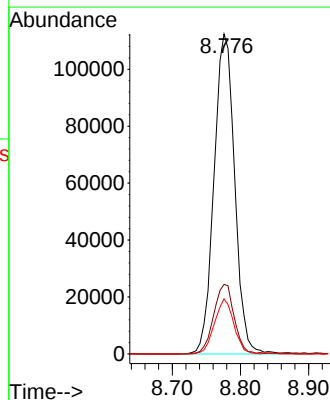
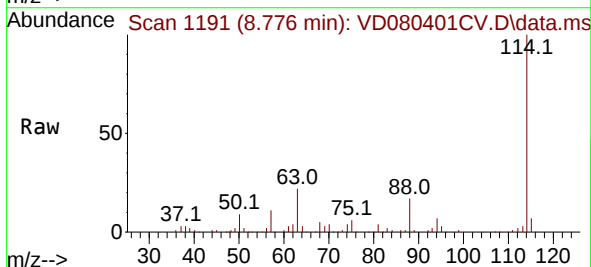
Tgt Ion: 114 Resp: 237315

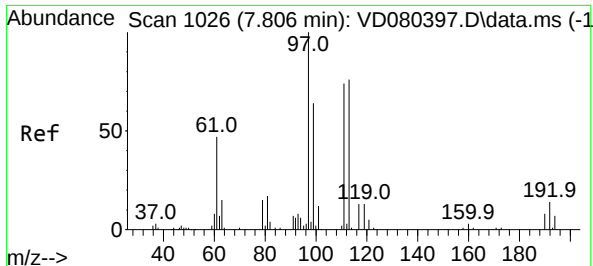
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.4

88 17.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 55.024 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

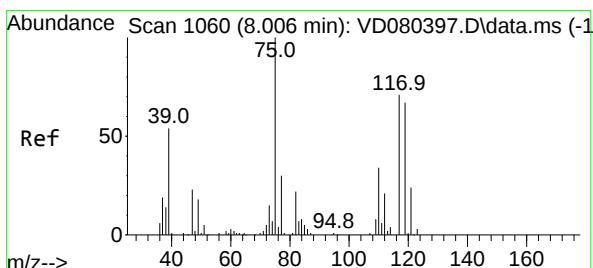
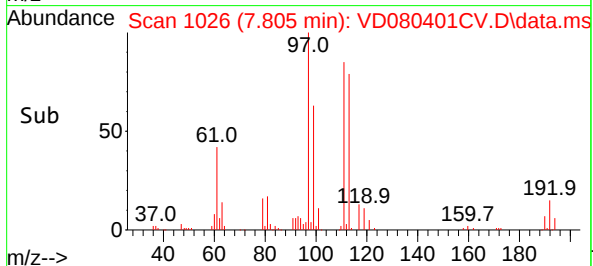
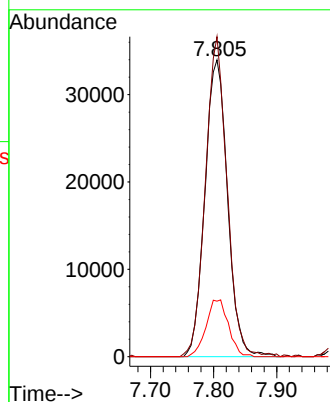
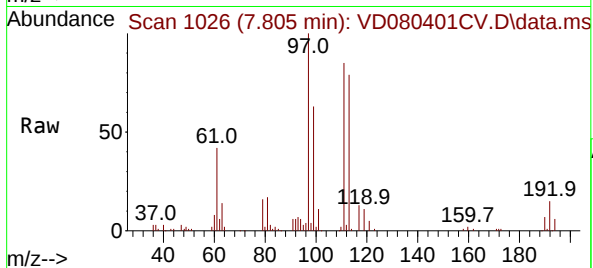
Tgt Ion:113 Resp: 84872

Ion Ratio Lower Upper

113 100

111 102.7 84.2 126.4

192 18.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 57.059 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

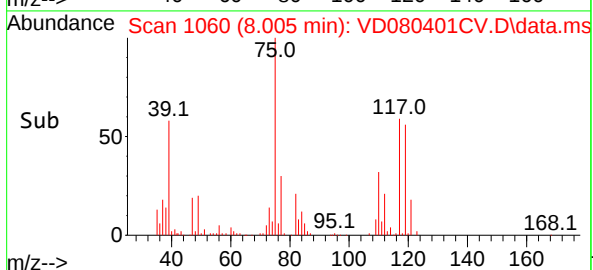
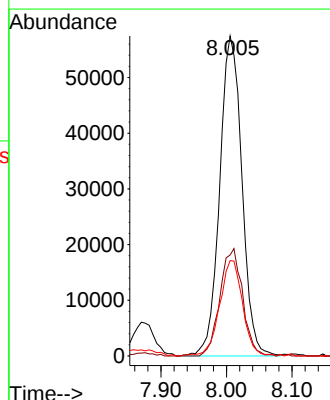
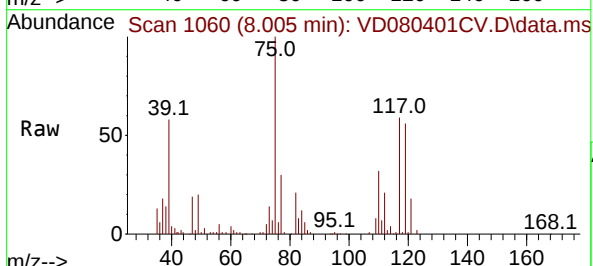
Tgt Ion: 75 Resp: 135272

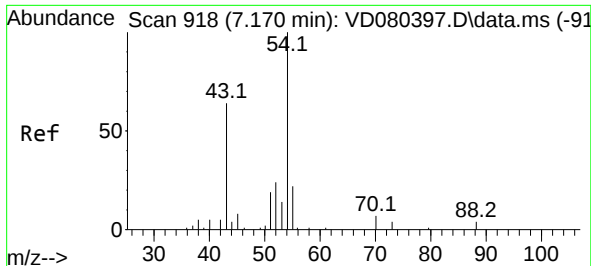
Ion Ratio Lower Upper

75 100

110 34.1 16.9 50.7

77 30.8 25.0 37.6

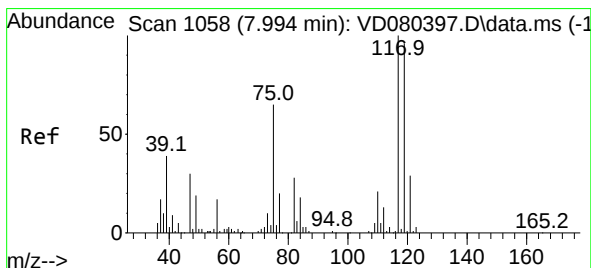
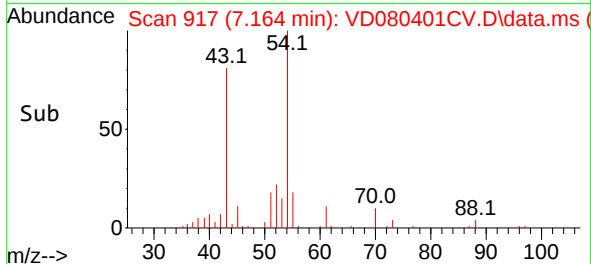
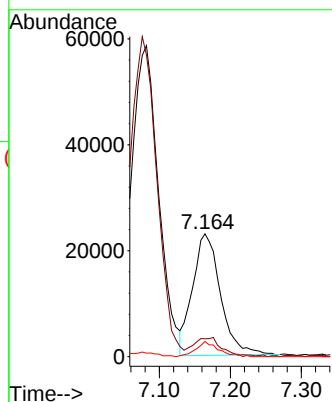
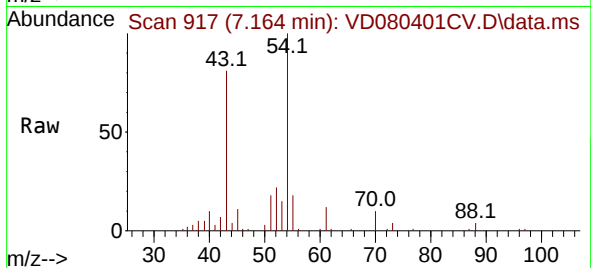




#37
Ethyl Acetate
Concen: 54.022 ug/l
RT: 7.164 min Scan# 917
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

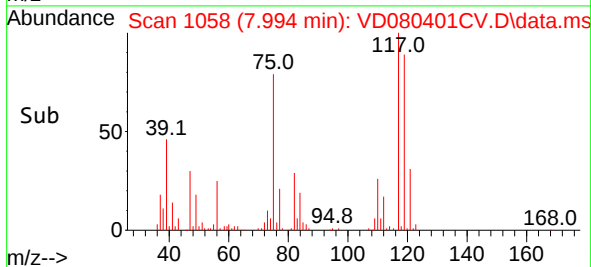
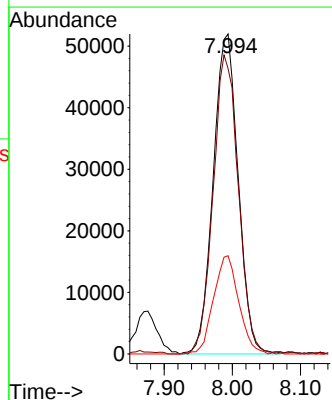
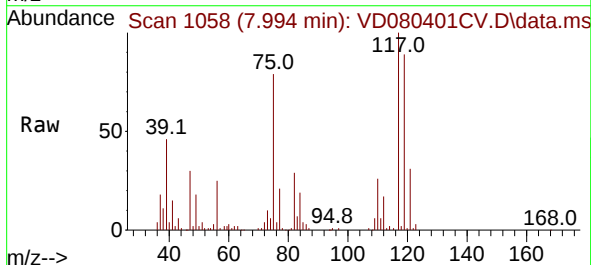
Instrument :
MSVOA_D
ClientSampleId :

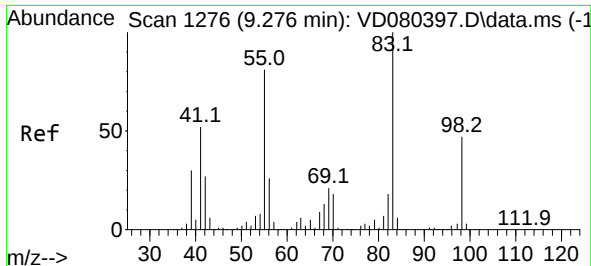
Tgt Ion: 43 Resp: 62728
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 10.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 55.256 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 117 Resp: 132722
Ion Ratio Lower Upper
117 100
119 89.2 77.3 115.9
121 30.7 23.3 34.9





#39

Methylcyclohexane

Concen: 56.445 ug/l

RT: 9.276 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

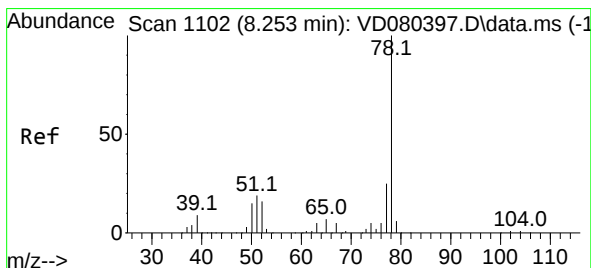
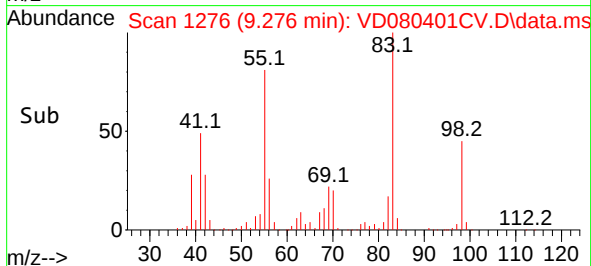
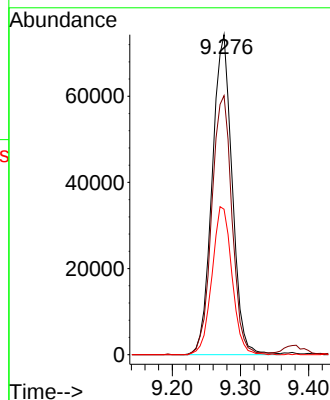
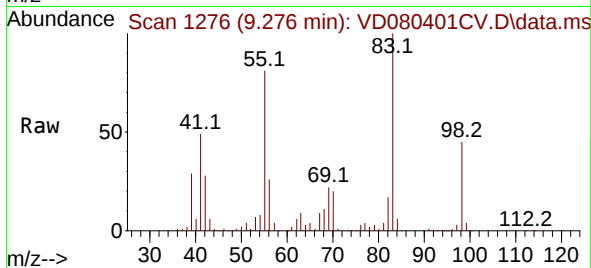
Tgt Ion: 83 Resp: 151767

Ion Ratio Lower Upper

83 100

55 81.0 64.6 97.0

98 45.5 37.5 56.3



#40

Benzene

Concen: 56.890 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080401CV.D

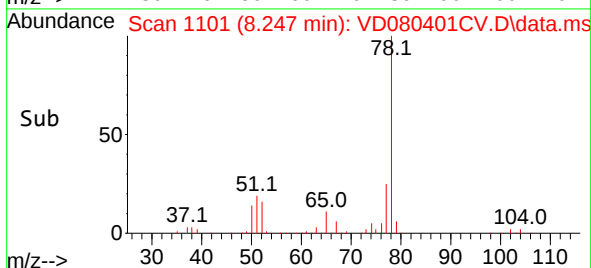
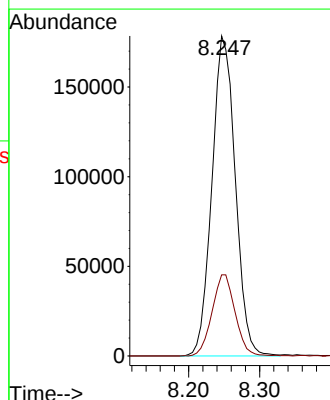
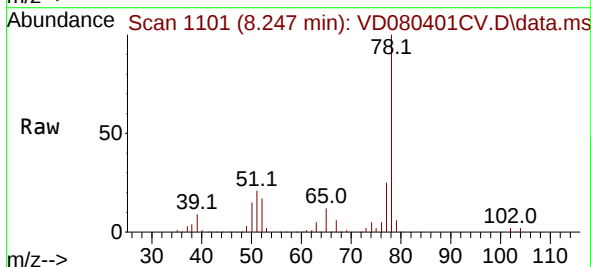
Acq: 30 May 2025 14:38

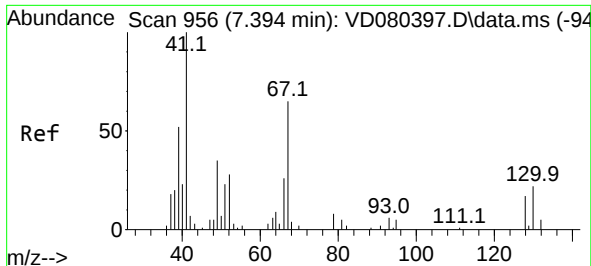
Tgt Ion: 78 Resp: 407446

Ion Ratio Lower Upper

78 100

77 25.4 20.2 30.2

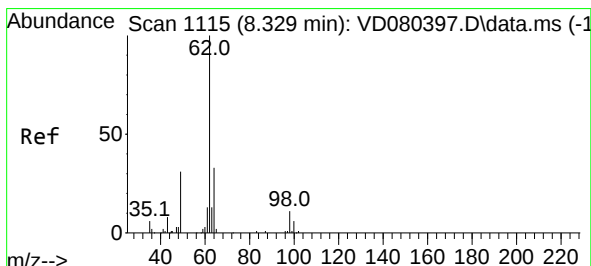
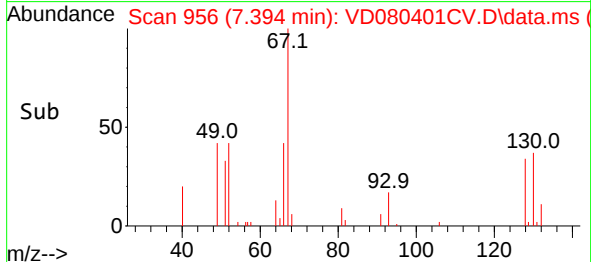
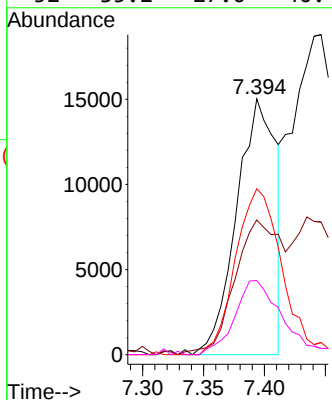
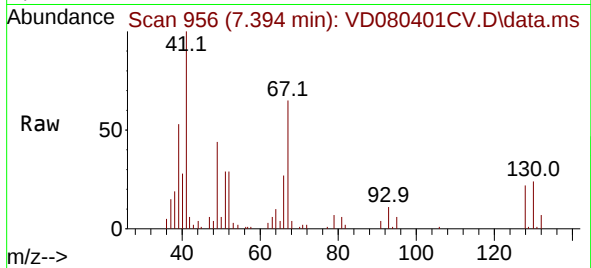




#41
Methacrylonitrile
Concen: 51.952 ug/l
RT: 7.394 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

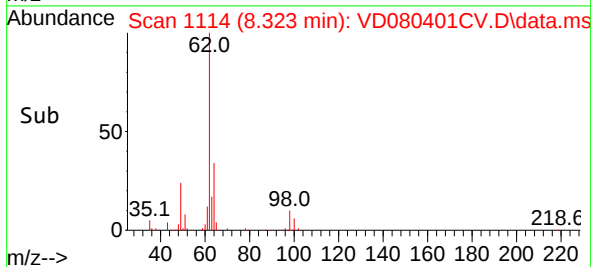
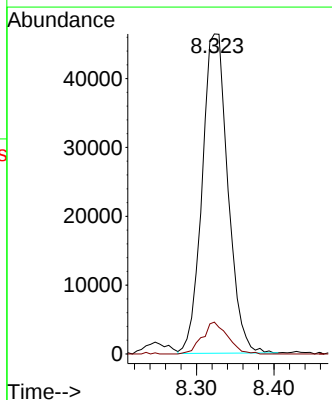
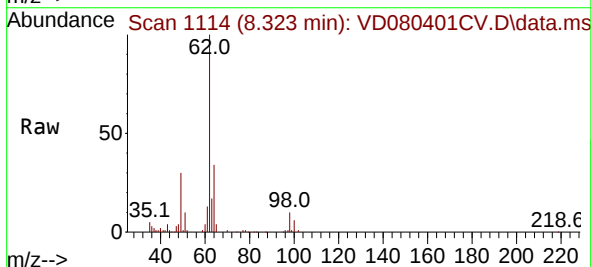
Instrument :
MSVOA_D
ClientSampleId :

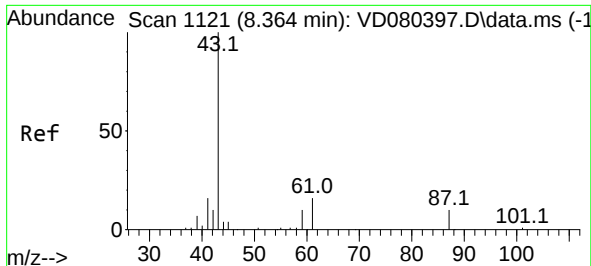
Tgt Ion: 41	Resp: 34021
Ion Ratio	Lower Upper
41 100	
39 62.1	51.8 77.8
67 76.4	55.4 83.2
52 35.2	27.0 40.4



#42
1,2-Dichloroethane
Concen: 52.236 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 62	Resp: 107027
Ion Ratio	Lower Upper
62 100	
98 9.9	0.0 19.8





#43

Isopropyl Acetate

Concen: 55.597 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. -0.006 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

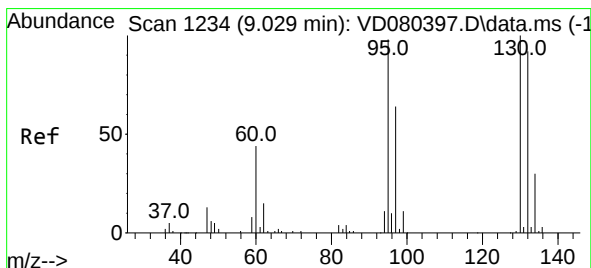
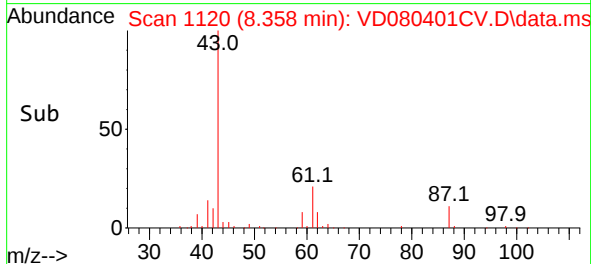
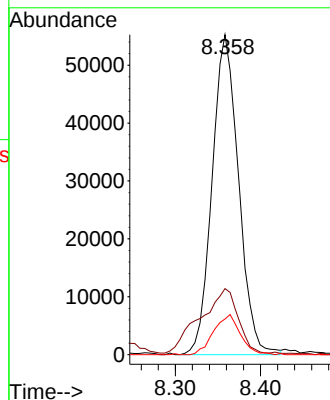
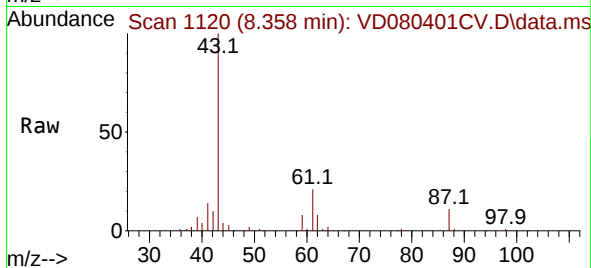
Tgt Ion: 43 Resp: 119399

Ion Ratio Lower Upper

43 100

61 29.0 24.5 36.7

87 12.6 9.8 14.6



#44

Trichloroethene

Concen: 51.113 ug/l

RT: 9.023 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VD080401CV.D

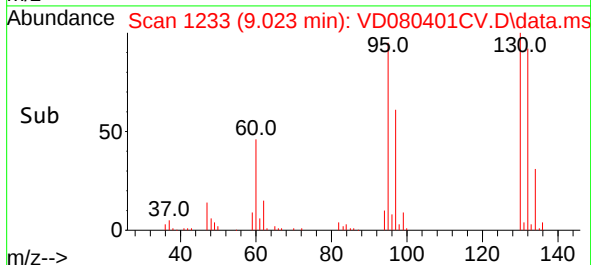
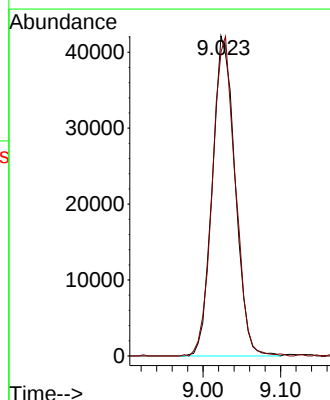
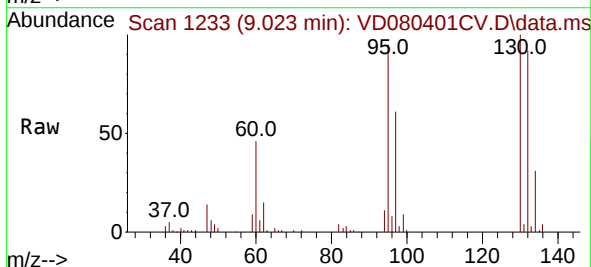
Acq: 30 May 2025 14:38

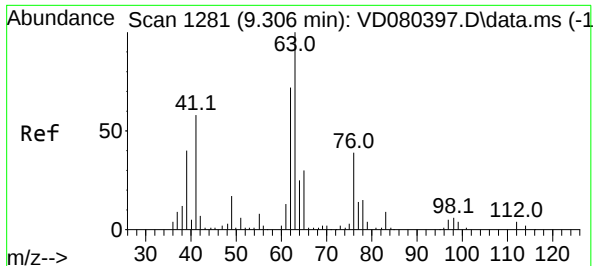
Tgt Ion:130 Resp: 85857

Ion Ratio Lower Upper

130 100

95 94.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 52.708 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

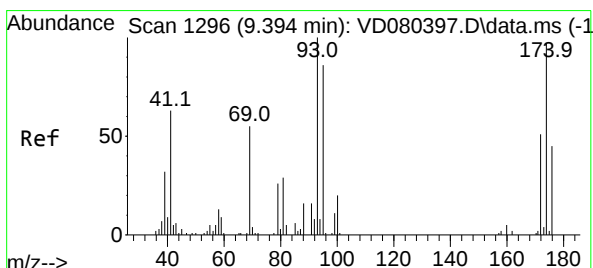
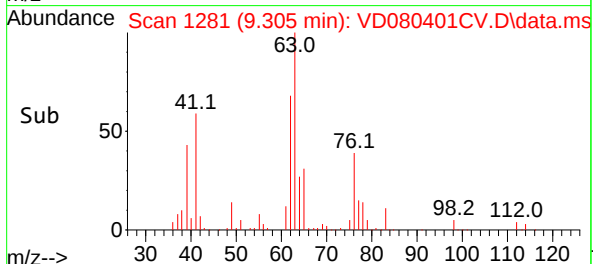
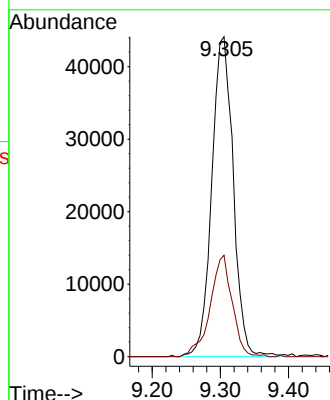
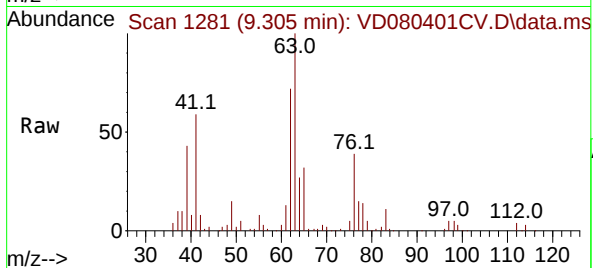
ClientSampleId :

Tgt Ion: 63 Resp: 96852

Ion Ratio Lower Upper

63 100

65 31.7 23.9 35.9



#46

Dibromomethane

Concen: 49.132 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

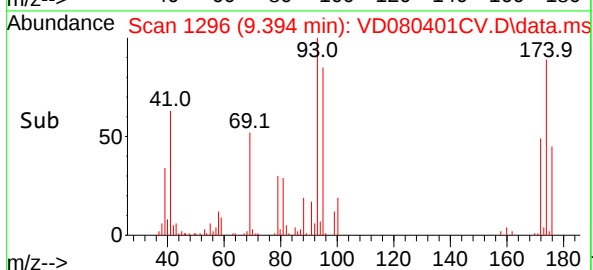
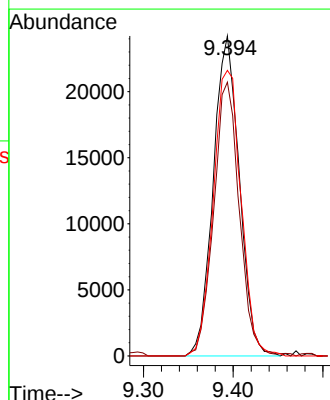
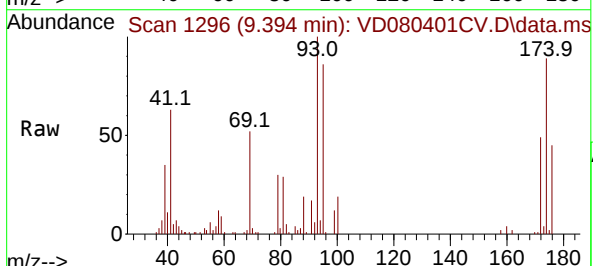
Tgt Ion: 93 Resp: 48881

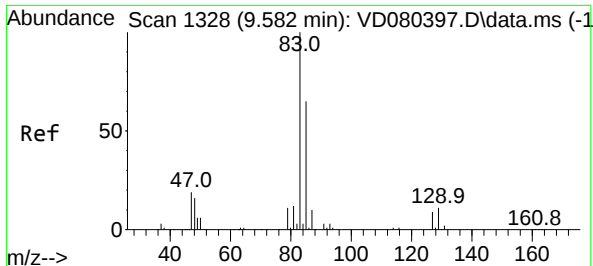
Ion Ratio Lower Upper

93 100

95 83.8 67.4 101.2

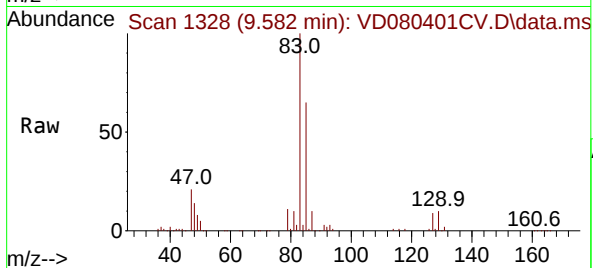
174 94.9 73.3 109.9



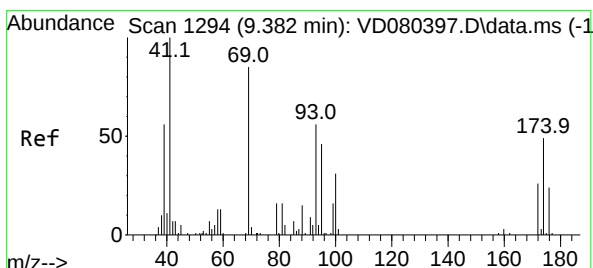
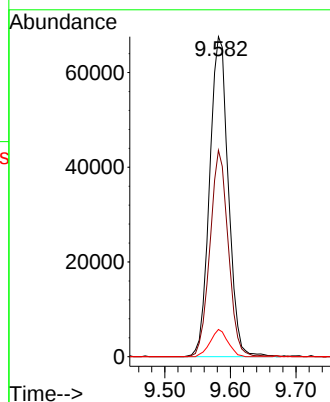
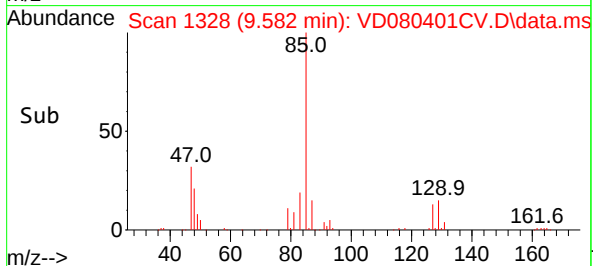


#47
Bromodichloromethane
Concen: 53.064 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Instrument :
MSVOA_D
ClientSampleId :

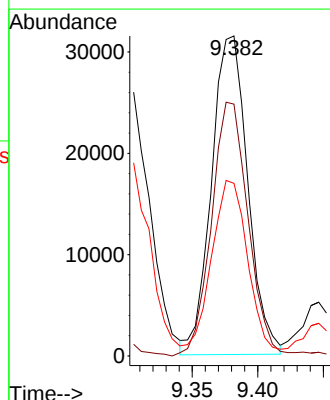
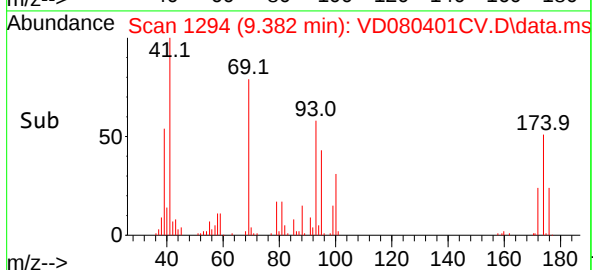
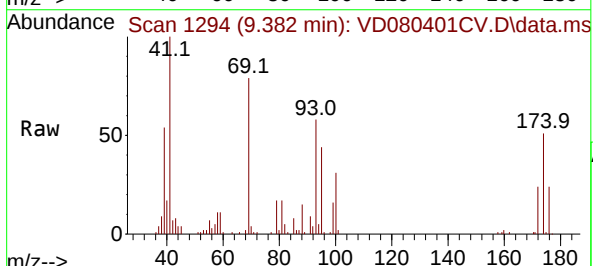


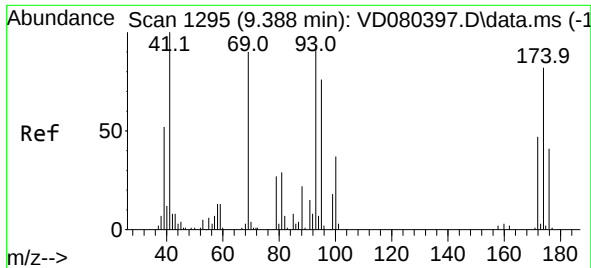
Tgt Ion: 83 Resp: 133657
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.2
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 57.935 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 41 Resp: 60544
Ion Ratio Lower Upper
41 100
69 80.1 63.8 95.8
39 51.0 40.6 60.8





#49

1,4-Dioxane

Concen: 1156.877 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

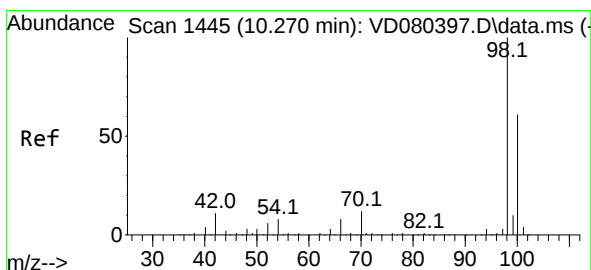
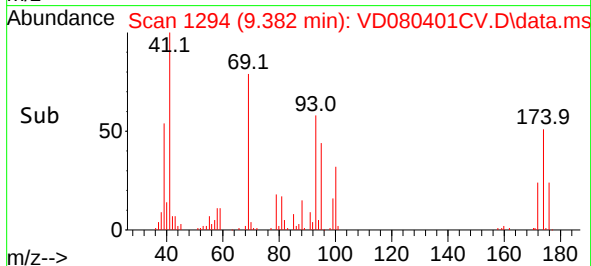
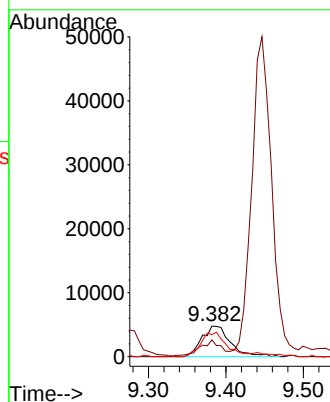
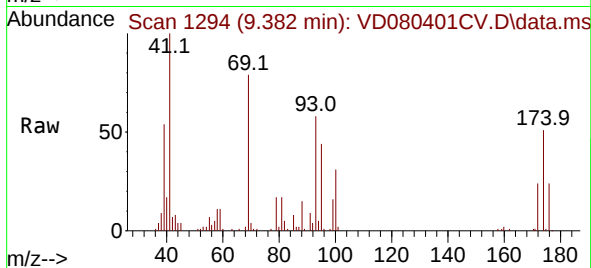
Tgt Ion: 88 Resp: 12231

Ion Ratio Lower Upper

88 100

43 41.7 35.8 53.8

58 71.7 58.3 87.5



#50

Toluene-d8

Concen: 42.858 ug/l

RT: 10.264 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VD080401CV.D

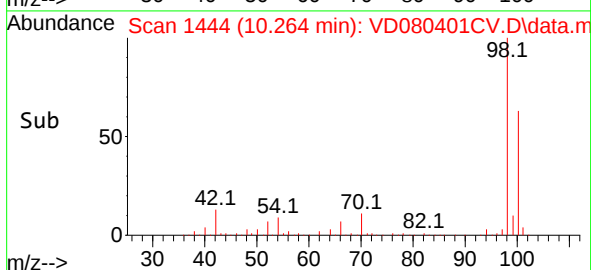
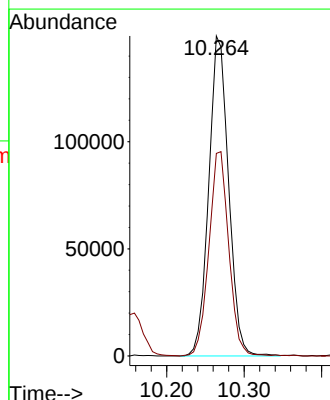
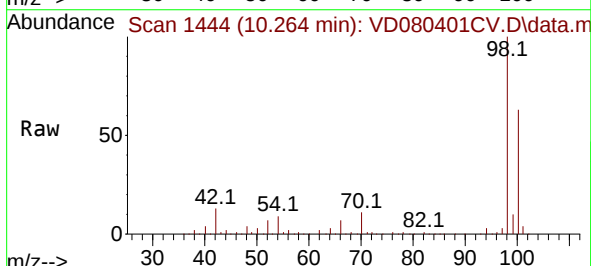
Acq: 30 May 2025 14:38

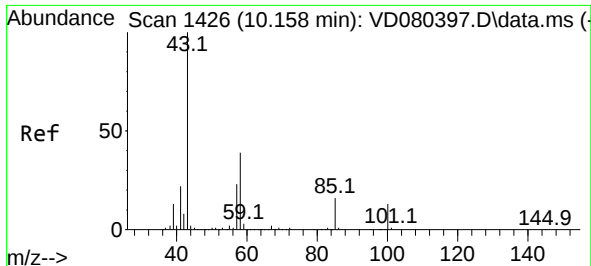
Tgt Ion: 98 Resp: 265981

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5

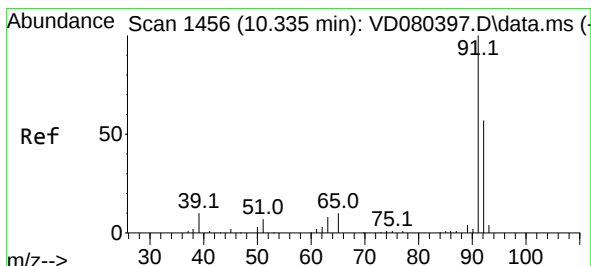
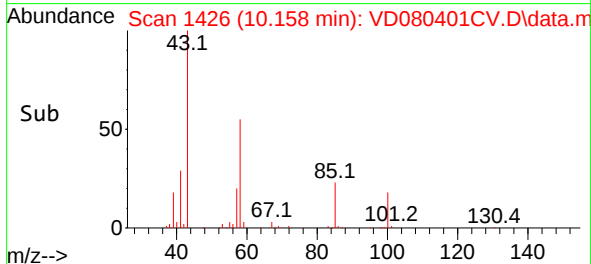
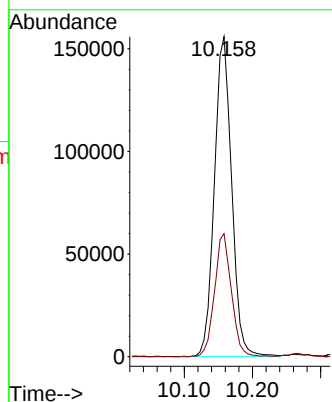
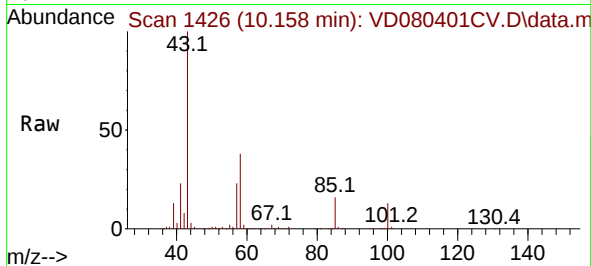




#51
4-Methyl-2-Pentanone
Concen: 243.232 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

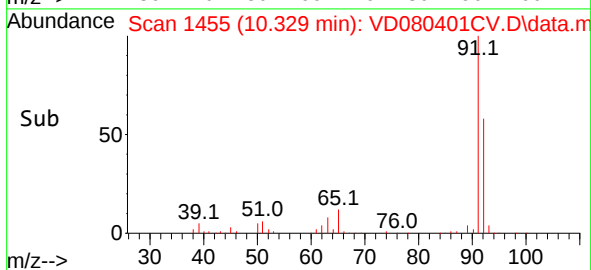
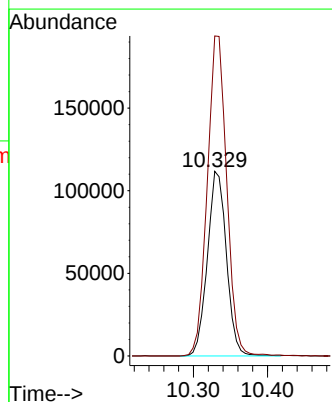
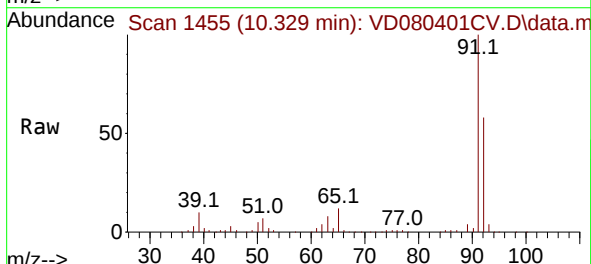
Instrument :
MSVOA_D
ClientSampleId :

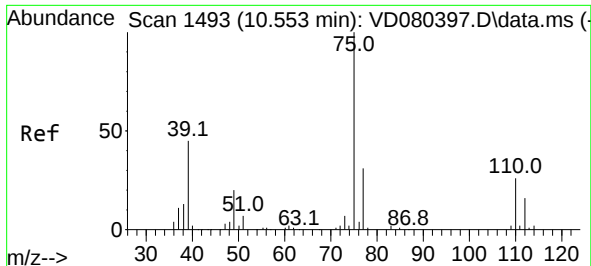
Tgt Ion: 43 Resp: 275673
Ion Ratio Lower Upper
43 100
58 37.5 30.5 45.7



#52
Toluene
Concen: 45.861 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 92 Resp: 199255
Ion Ratio Lower Upper
92 100
91 177.5 142.5 213.7

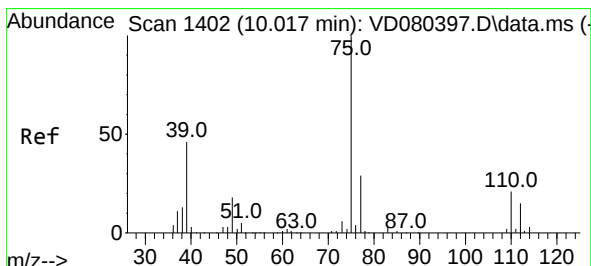
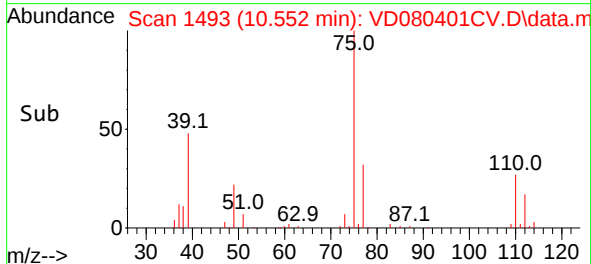
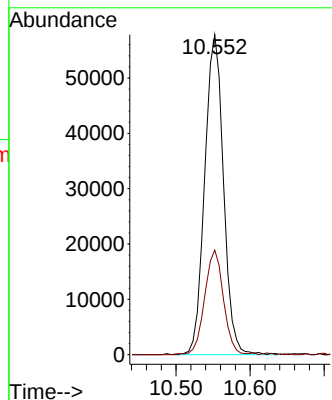
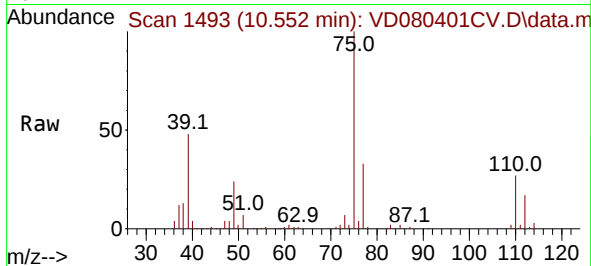




#53
 t-1,3-Dichloropropene
 Concen: 43.767 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VD080401CV.D
 Acq: 30 May 2025 14:38

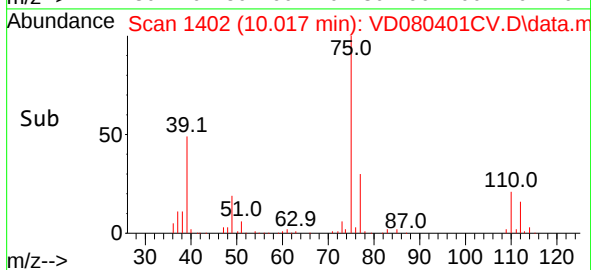
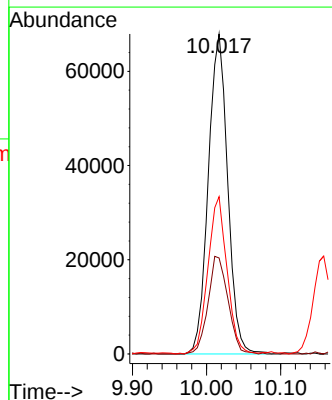
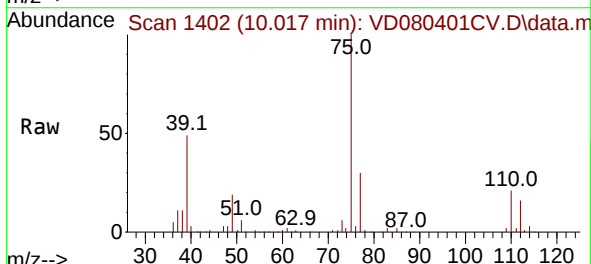
Instrument :
 MSVOA_D
 ClientSampleId :

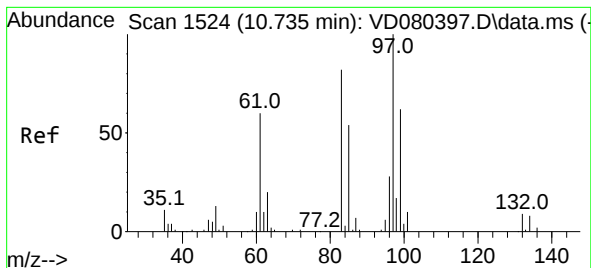
Tgt Ion: 75 Resp: 101689
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 46.336 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. -0.000 min
 Lab File: VD080401CV.D
 Acq: 30 May 2025 14:38

Tgt Ion: 75 Resp: 123301
 Ion Ratio Lower Upper
 75 100
 77 30.0 23.3 34.9
 39 48.9 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 40.937 ug/l

RT: 10.729 min Scan# 1523

Delta R.T. -0.006 min

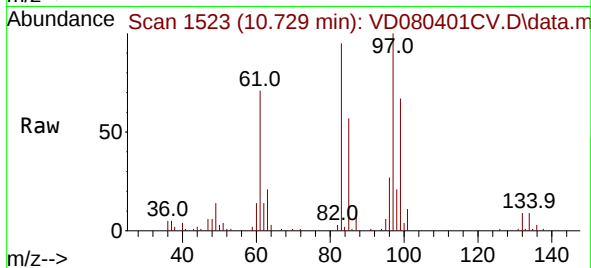
Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 54465

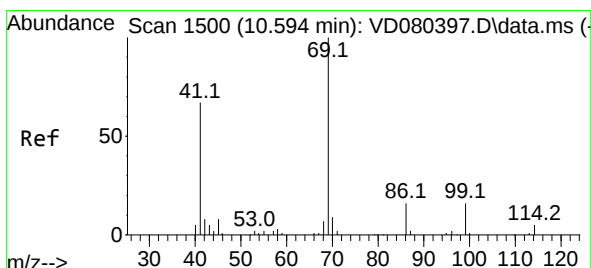
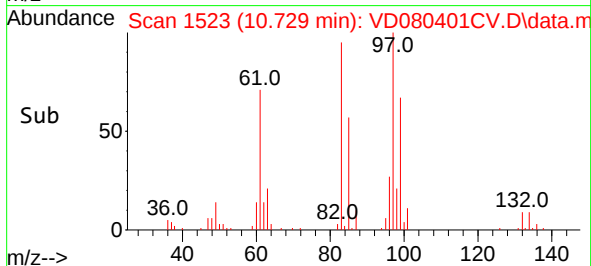
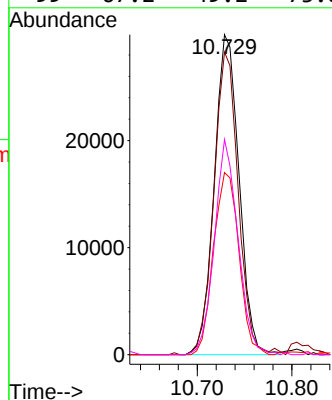
Ion Ratio Lower Upper

97 100

83 94.6 65.5 98.3

85 56.9 43.2 64.8

99 67.2 49.2 73.8



#56

Ethyl methacrylate

Concen: 41.215 ug/l

RT: 10.593 min Scan# 1500

Delta R.T. -0.001 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

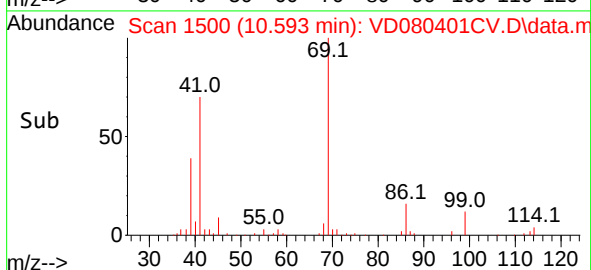
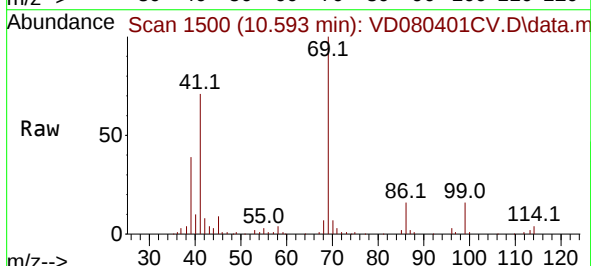
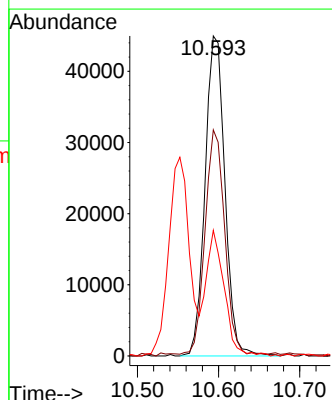
Tgt Ion: 69 Resp: 76228

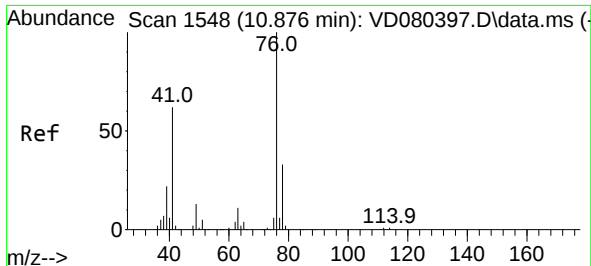
Ion Ratio Lower Upper

69 100

41 69.4 54.4 81.6

39 36.0 28.0 42.0





#57

1,3-Dichloropropane

Concen: 42.486 ug/l

RT: 10.876 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

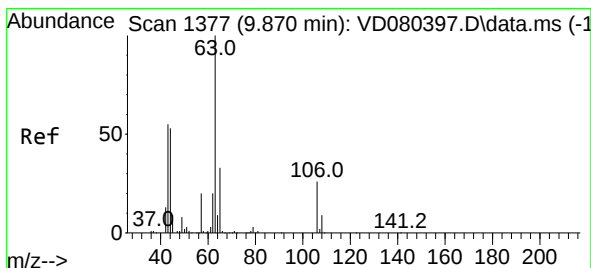
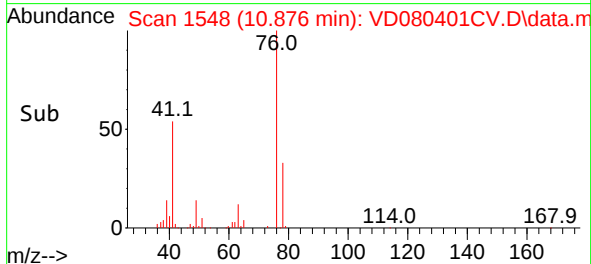
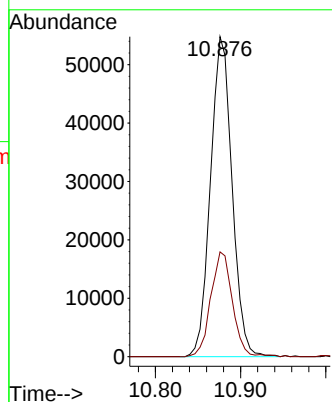
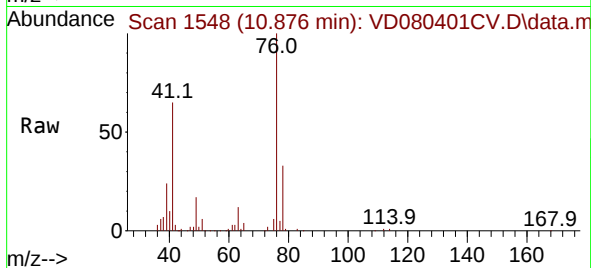
ClientSampleId :

Tgt Ion: 76 Resp: 96581

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 249.391 ug/l

RT: 9.864 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VD080401CV.D

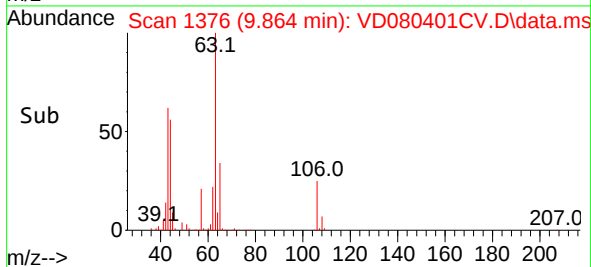
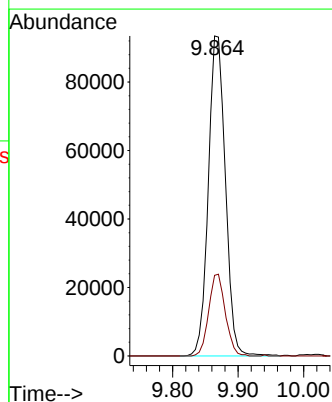
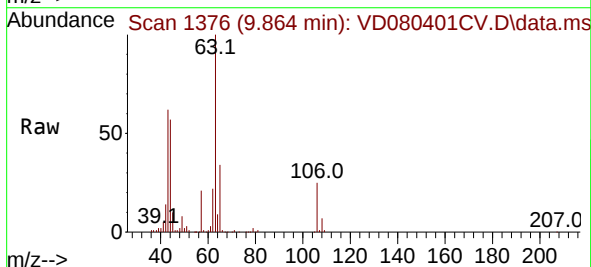
Acq: 30 May 2025 14:38

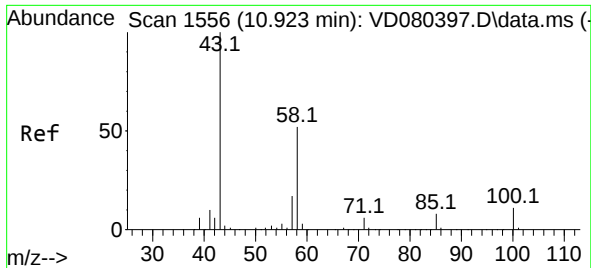
Tgt Ion: 63 Resp: 169107

Ion Ratio Lower Upper

63 100

106 24.9 20.7 31.1

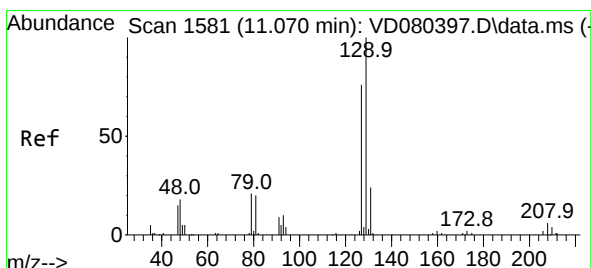
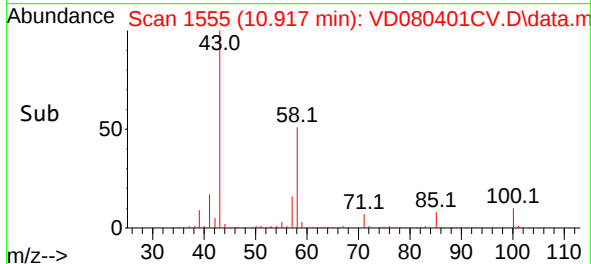
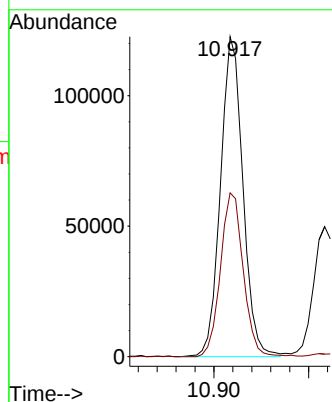
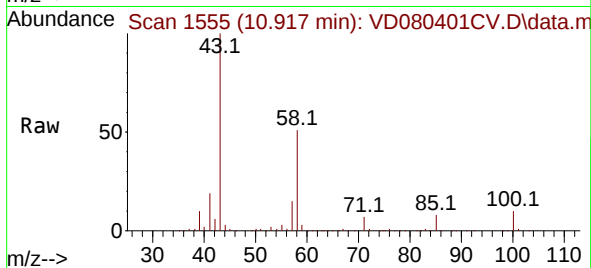




#59
2-Hexanone
Concen: 262.788 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

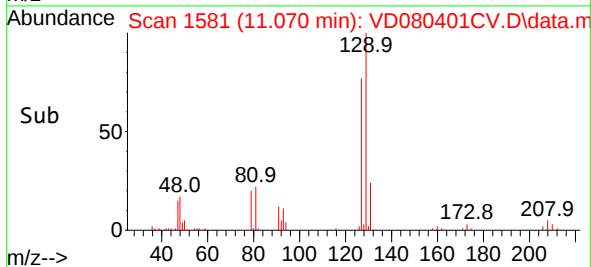
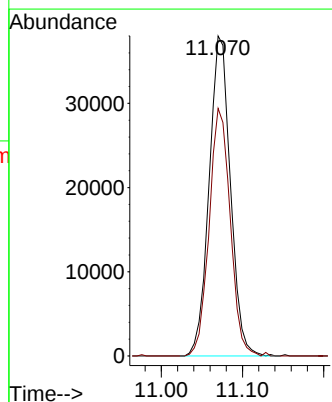
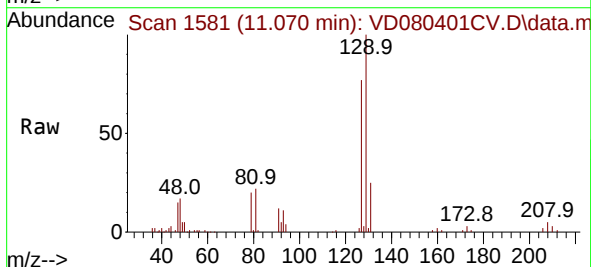
Instrument :
MSVOA_D
ClientSampleId :

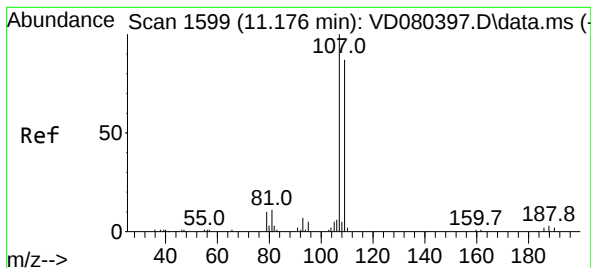
Tgt Ion: 43 Resp: 201544
Ion Ratio Lower Upper
43 100
58 52.1 25.8 77.4



#60
Dibromochloromethane
Concen: 42.651 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion:129 Resp: 69205
Ion Ratio Lower Upper
129 100
127 76.4 38.0 113.9

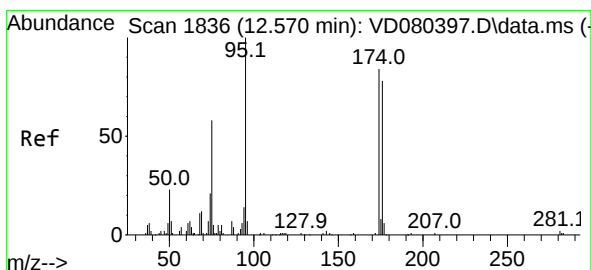
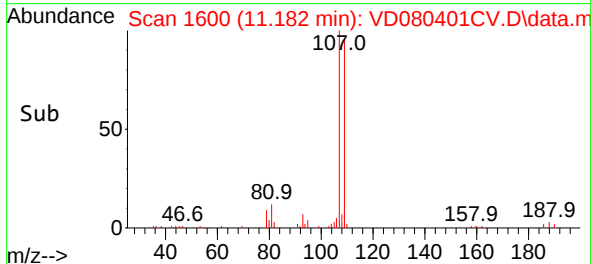
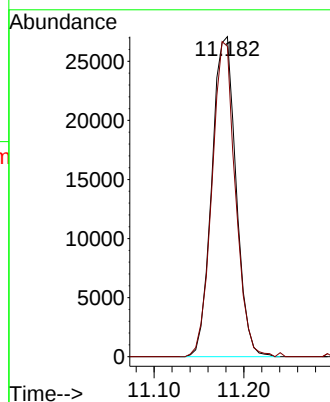
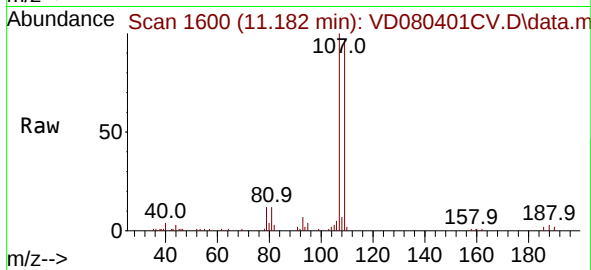




#61
1,2-Dibromoethane
Concen: 42.419 ug/l
RT: 11.182 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

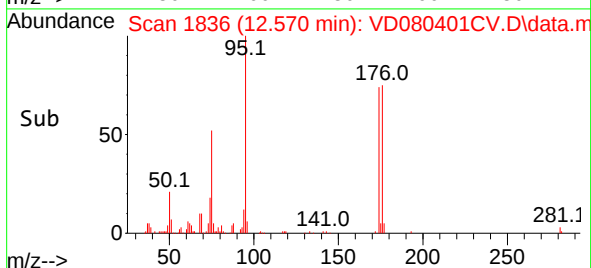
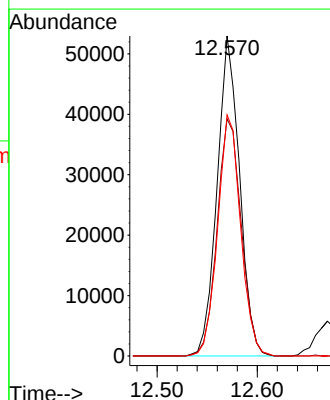
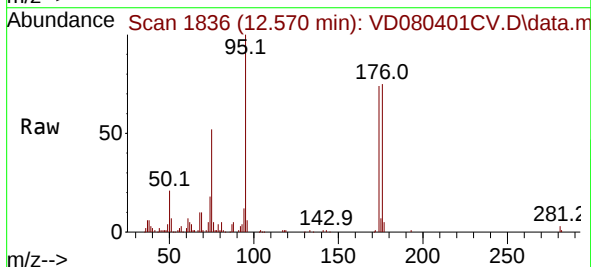
Instrument :
MSVOA_D
ClientSampleId :

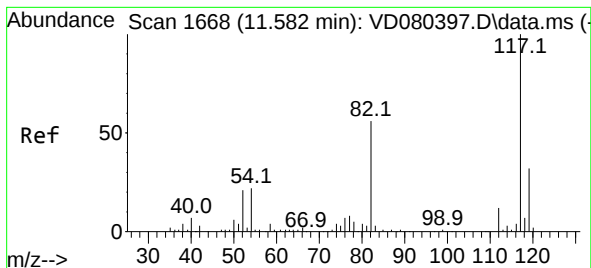
Tgt Ion:107 Resp: 50615
Ion Ratio Lower Upper
107 100
109 95.7 72.6 108.8



#62
4-Bromofluorobenzene
Concen: 43.380 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 95 Resp: 82409
Ion Ratio Lower Upper
95 100
174 79.7 0.0 164.8
176 76.9 0.0 158.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

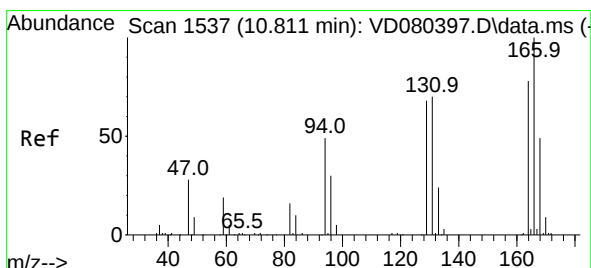
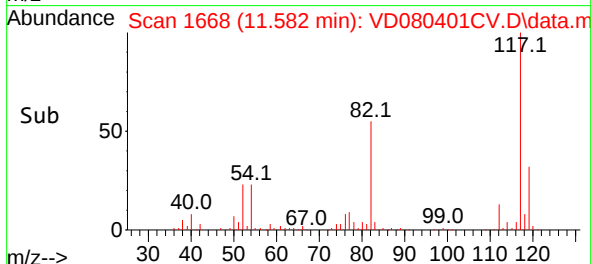
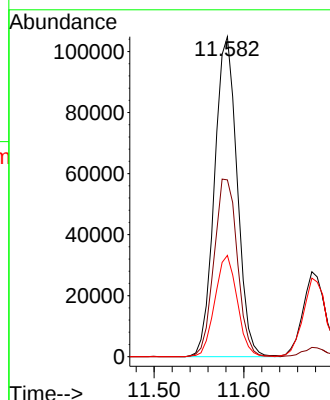
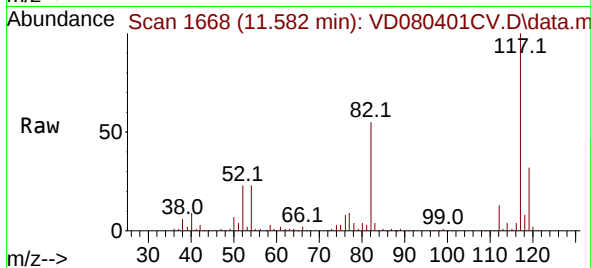
Tgt Ion:117 Resp: 183749

Ion Ratio Lower Upper

117 100

82 55.3 45.0 67.4

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 48.640 ug/l

RT: 10.805 min Scan# 1536

Delta R.T. -0.006 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Tgt Ion:164 Resp: 60221

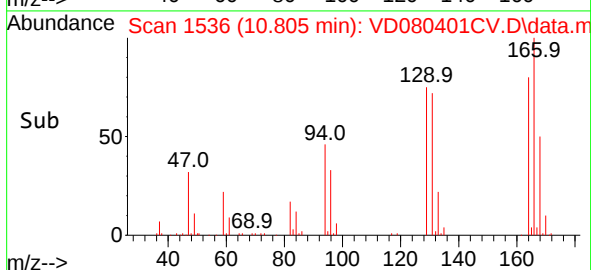
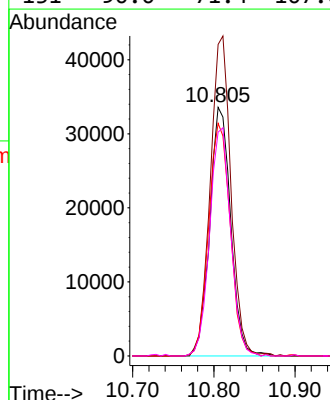
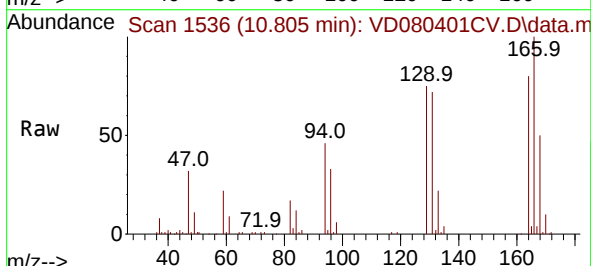
Ion Ratio Lower Upper

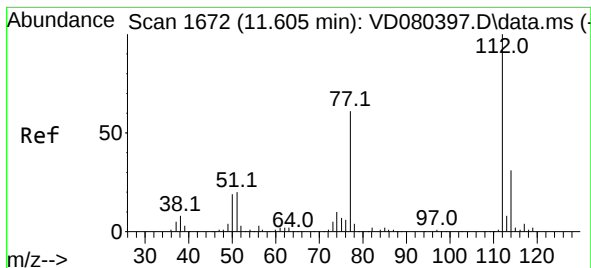
164 100

166 125.3 102.0 153.0

129 93.6 69.8 104.8

131 90.0 71.4 107.0





#65

Chlorobenzene

Concen: 51.825 ug/l

RT: 11.605 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

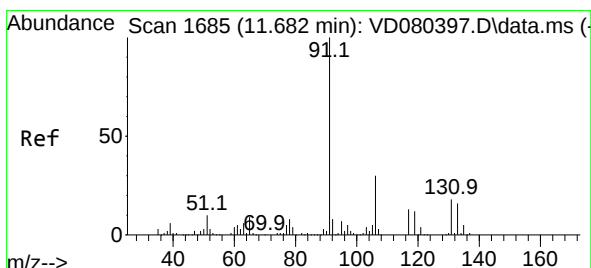
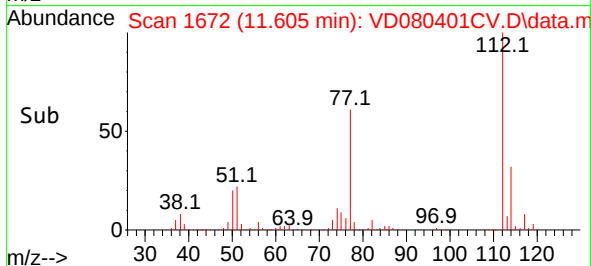
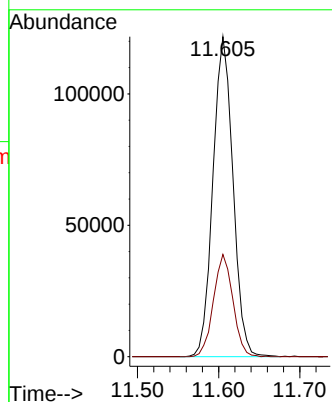
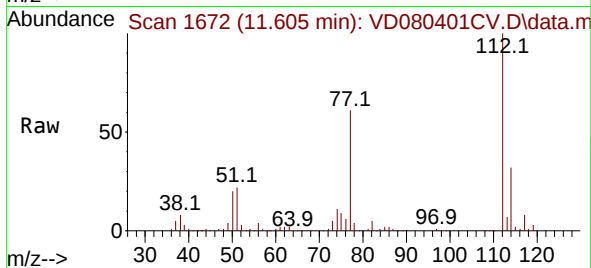
ClientSampleId :

Tgt Ion:112 Resp: 208729

Ion Ratio Lower Upper

112 100

114 31.9 24.6 36.8



#66

1,1,1,2-Tetrachloroethane

Concen: 50.541 ug/l

RT: 11.676 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

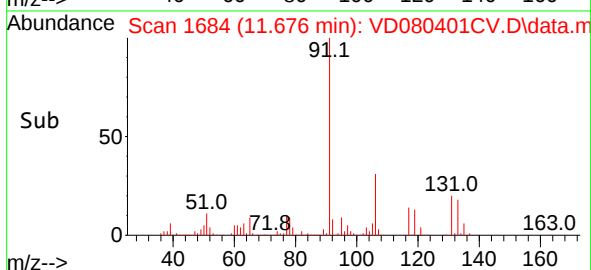
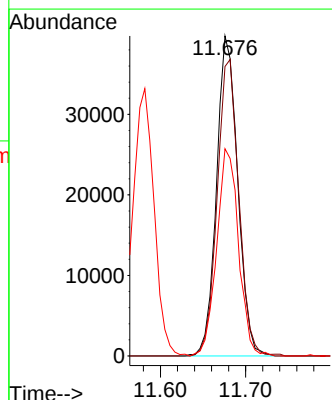
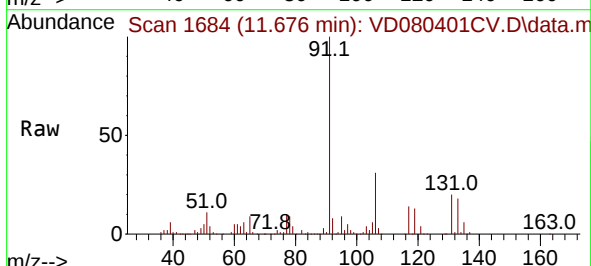
Tgt Ion:131 Resp: 68624

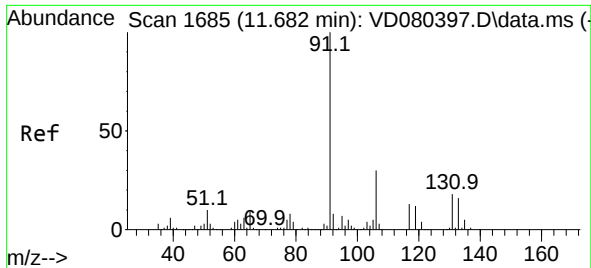
Ion Ratio Lower Upper

131 100

133 94.5 47.3 141.8

119 66.7 33.8 101.4

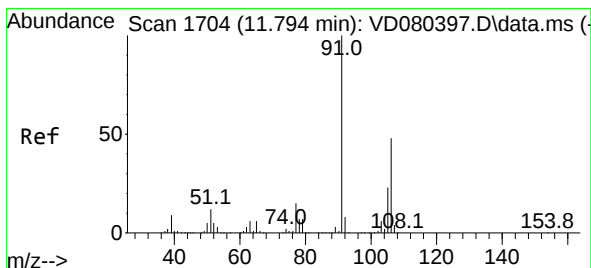
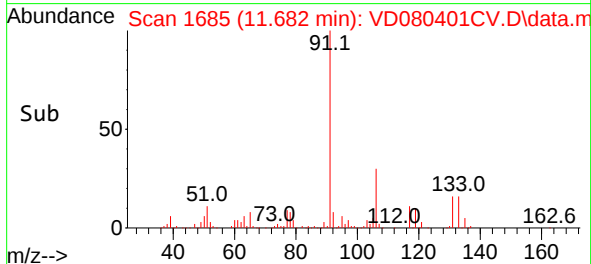
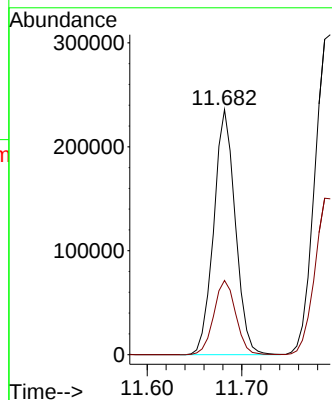
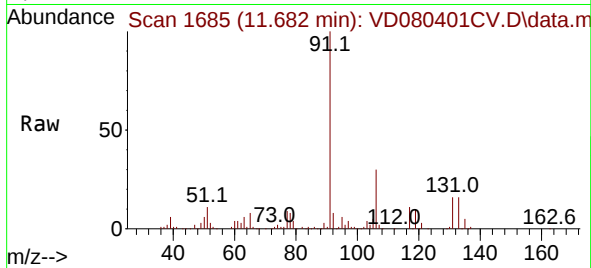




#67
Ethyl Benzene
Concen: 54.817 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

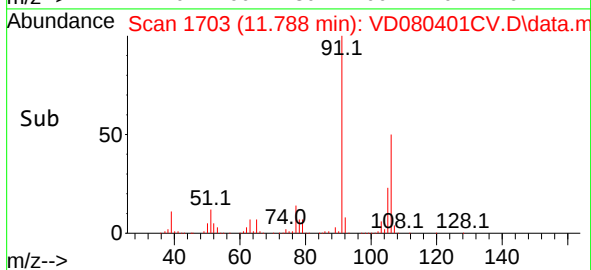
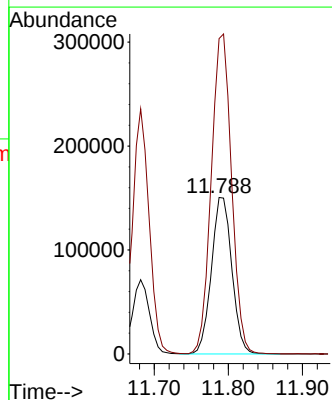
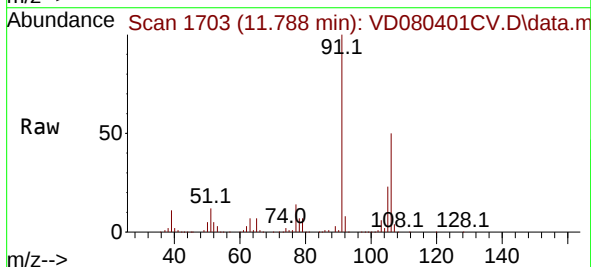
Instrument :
MSVOA_D
ClientSampleId :

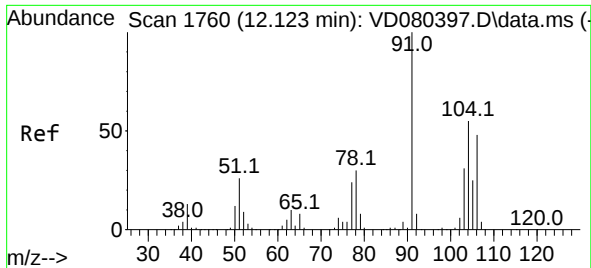
Tgt Ion: 91 Resp: 372633
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 108.273 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion:106 Resp: 288252
Ion Ratio Lower Upper
106 100
91 202.8 164.6 247.0

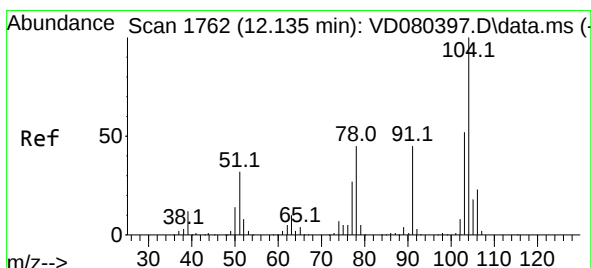
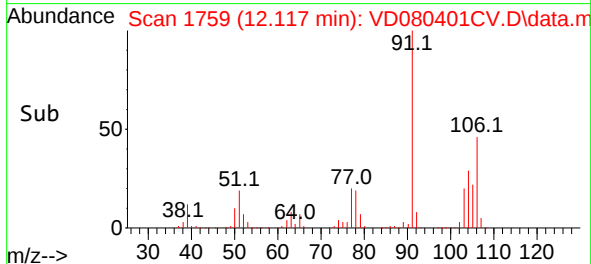
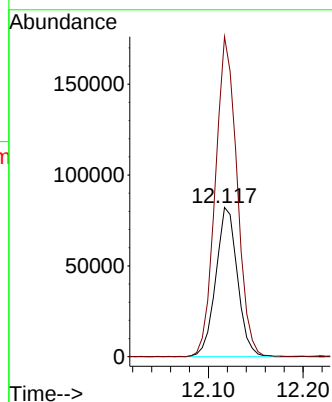
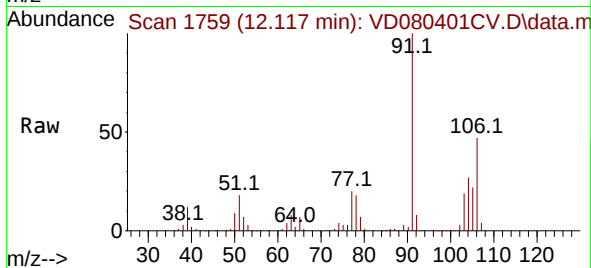




#69
o-Xylene
Concen: 52.712 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

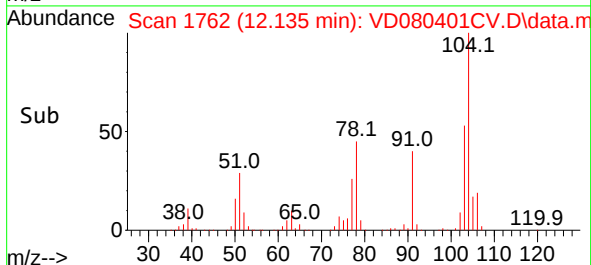
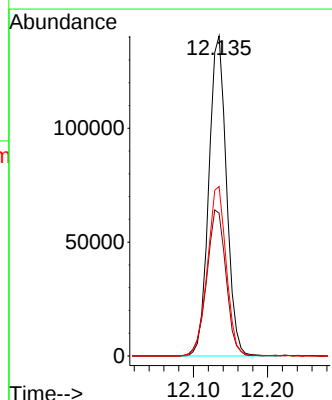
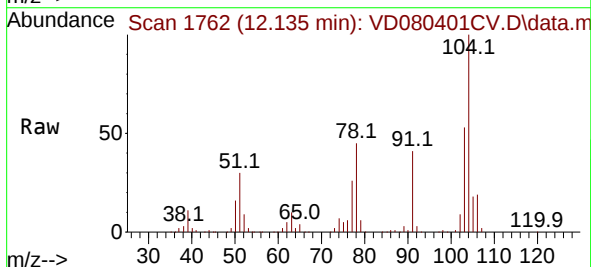
Instrument :
MSVOA_D
ClientSampleId :

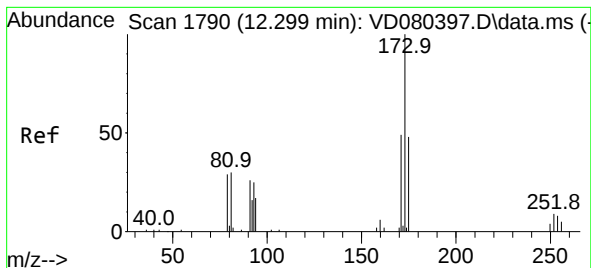
Tgt Ion:106 Resp: 130641
Ion Ratio Lower Upper
106 100
91 215.2 108.0 324.0



#70
Styrene
Concen: 53.148 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion:104 Resp: 232234
Ion Ratio Lower Upper
104 100
78 50.0 39.6 59.4
103 56.8 44.4 66.6





#71

Bromoform

Concen: 51.045 ug/l

RT: 12.299 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

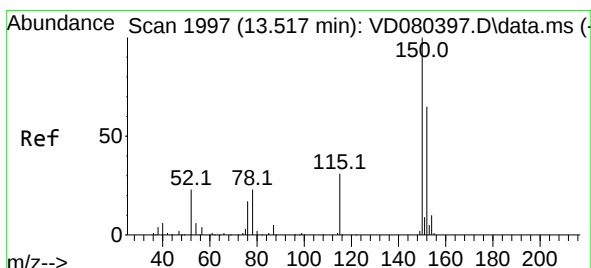
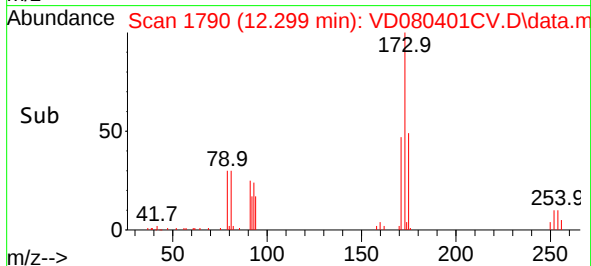
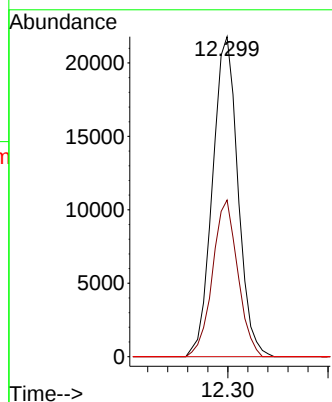
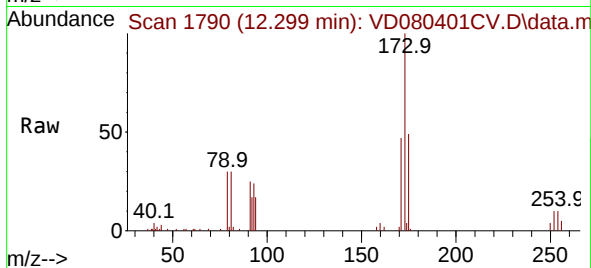
Tgt Ion:173 Resp: 38337

Ion Ratio Lower Upper

173 100

175 48.6 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

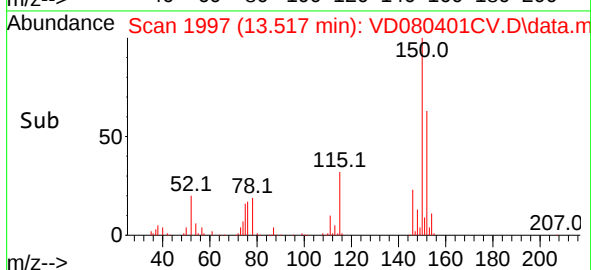
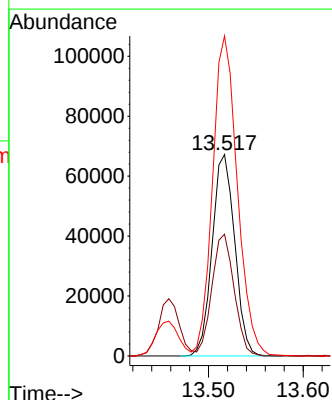
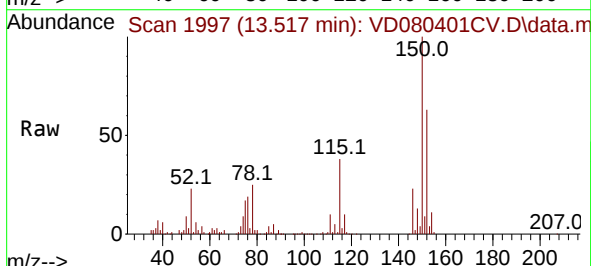
Tgt Ion:152 Resp: 111272

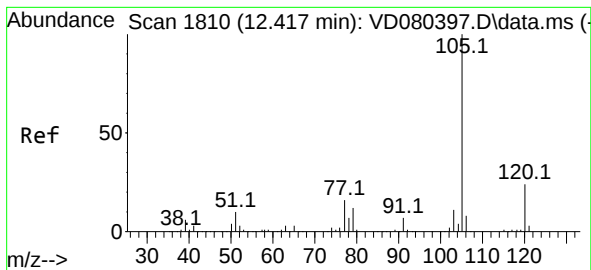
Ion Ratio Lower Upper

152 100

115 59.4 30.1 90.5

150 174.5 0.0 350.6





#73

Isopropylbenzene

Concen: 44.521 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

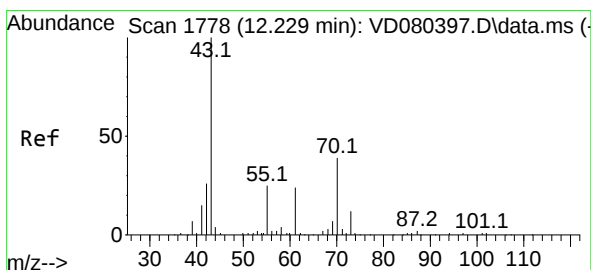
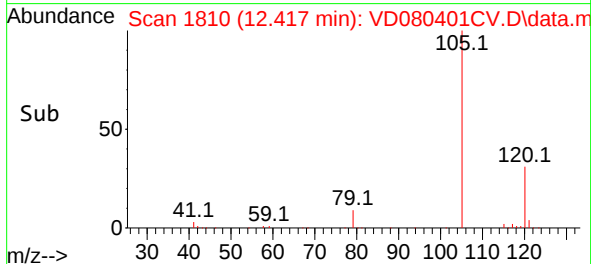
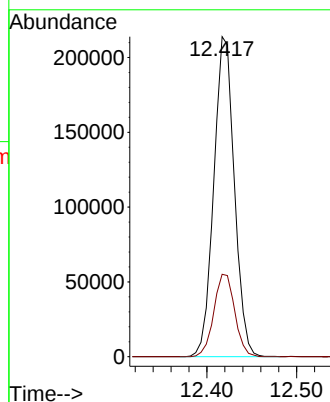
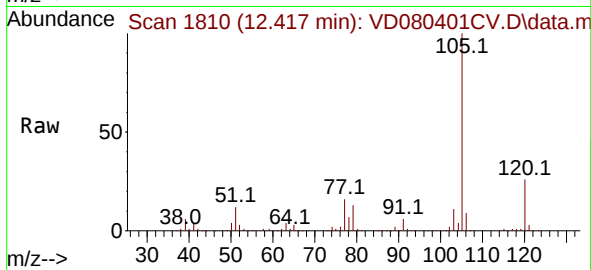
ClientSampleId :

Tgt Ion:105 Resp: 340463

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 47.972 ug/l

RT: 12.229 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Tgt Ion: 43 Resp: 99494

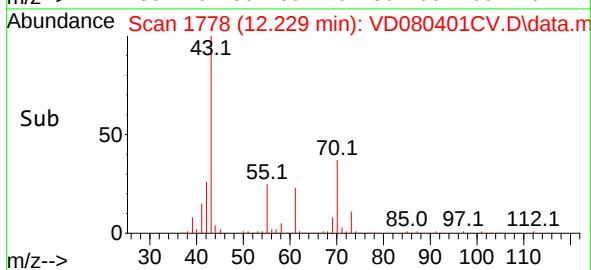
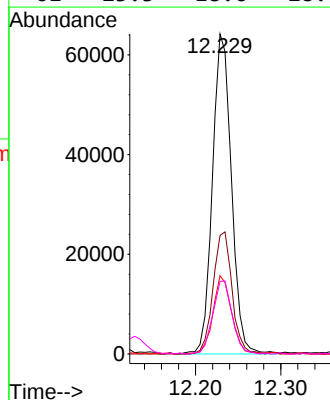
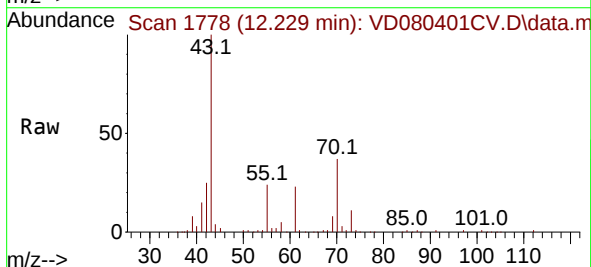
Ion Ratio Lower Upper

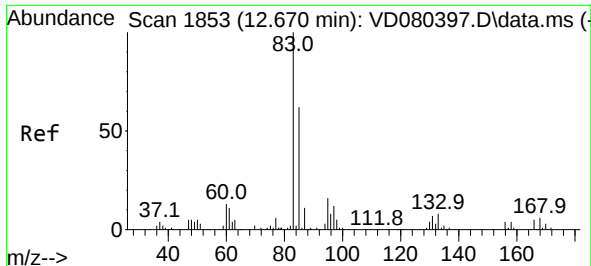
43 100

70 38.0 33.4 50.0

55 23.9 19.9 29.9

61 23.3 18.6 28.0

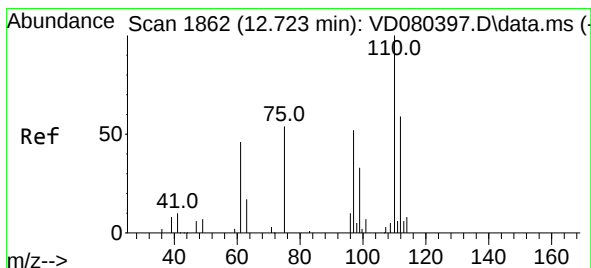
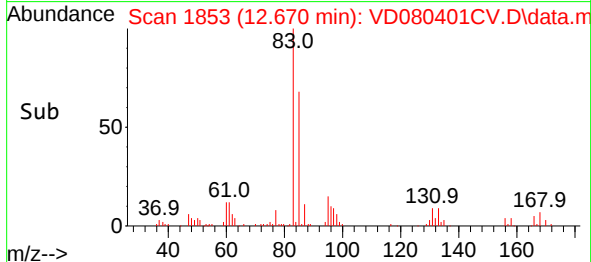
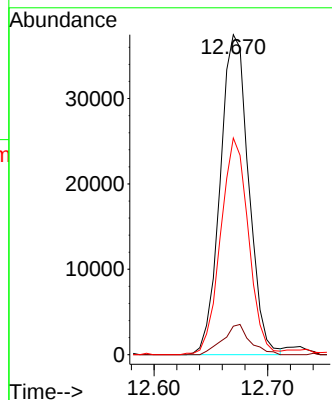
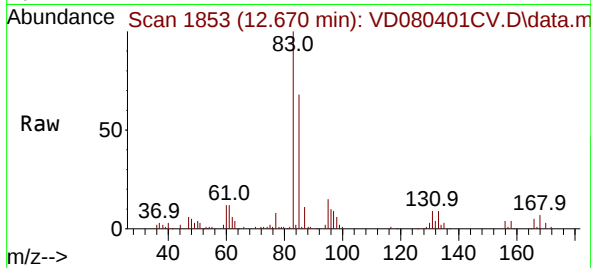




#75
 1,1,2,2-Tetrachloroethane
 Concen: 40.411 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080401CV.D
 Acq: 30 May 2025 14:38

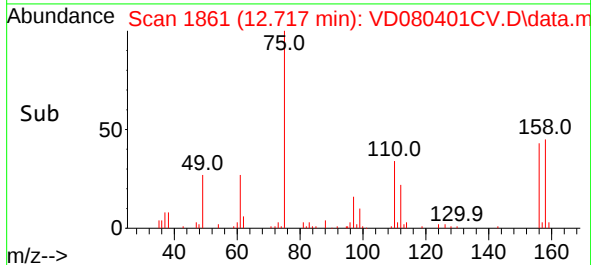
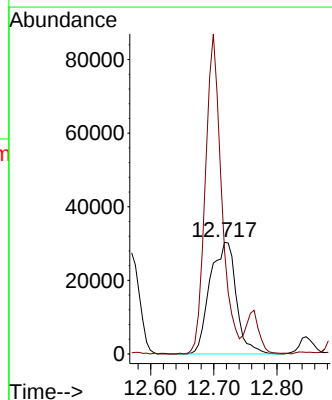
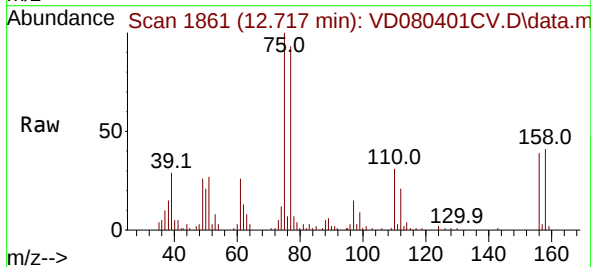
Instrument :
 MSVOA_D
 ClientSampleId :

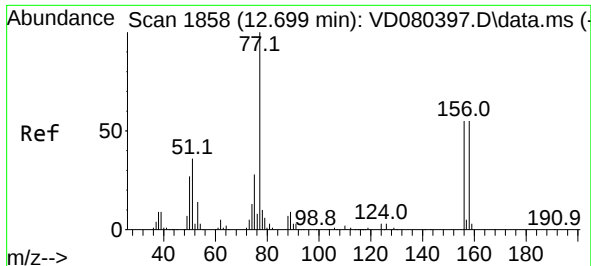
Tgt Ion: 83 Resp: 65322
 Ion Ratio Lower Upper
 83 100
 131 8.9 4.6 13.8
 85 66.2 30.9 92.7



#76
 1,2,3-Trichloropropane
 Concen: 76.448 ug/l
 RT: 12.717 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: VD080401CV.D
 Acq: 30 May 2025 14:38

Tgt Ion: 75 Resp: 87486
 Ion Ratio Lower Upper
 75 100
 77 178.3 0.0 0.0#

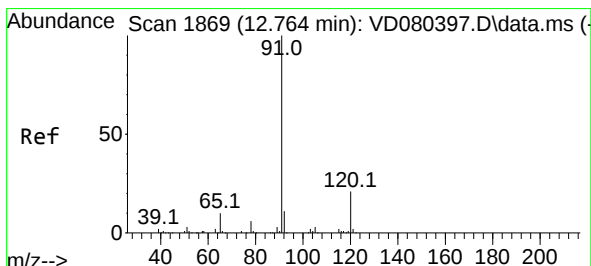
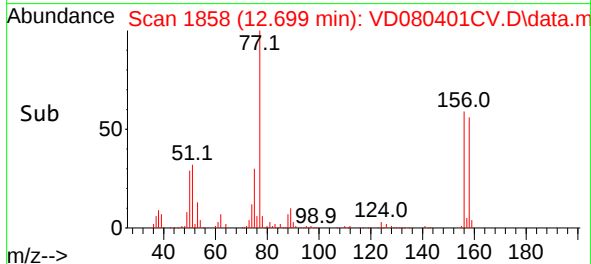
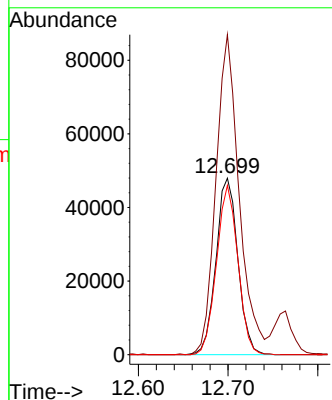
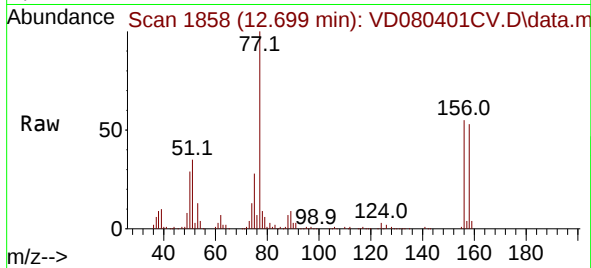




#77
Bromobenzene
Concen: 43.162 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

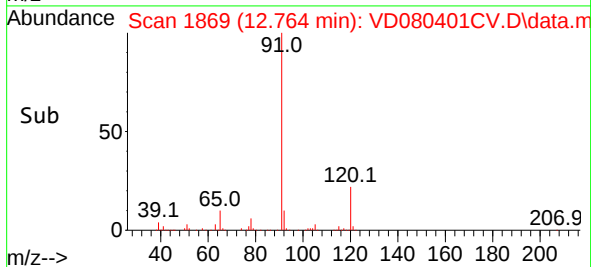
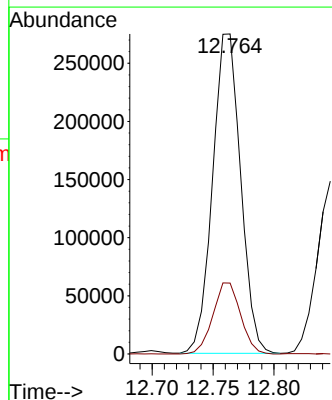
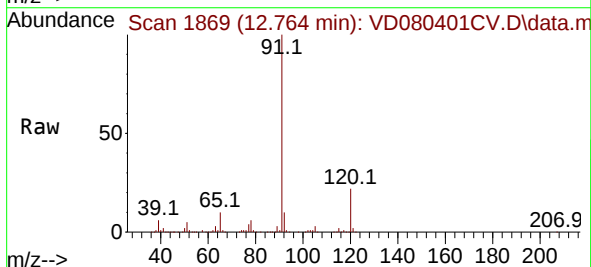
Instrument :
MSVOA_D
ClientSampleId :

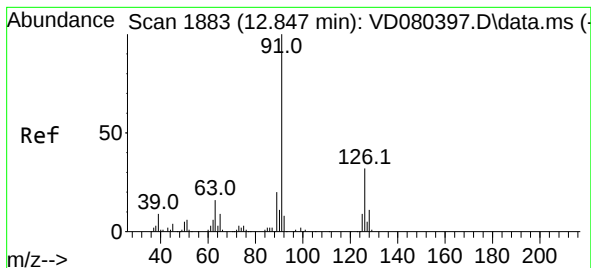
Tgt Ion:156 Resp: 81195
Ion Ratio Lower Upper
156 100
77 192.2 100.0 299.9
158 93.7 49.3 147.9



#78
n-propylbenzene
Concen: 46.304 ug/l
RT: 12.764 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 91 Resp: 440246
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





#79

2-Chlorotoluene

Concen: 44.129 ug/l

RT: 12.846 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

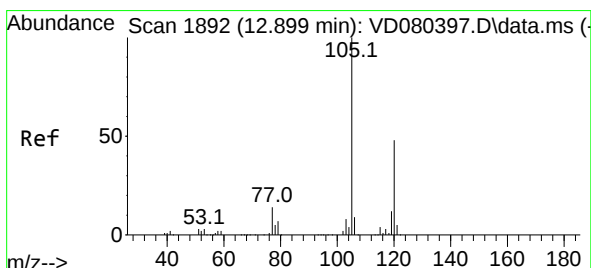
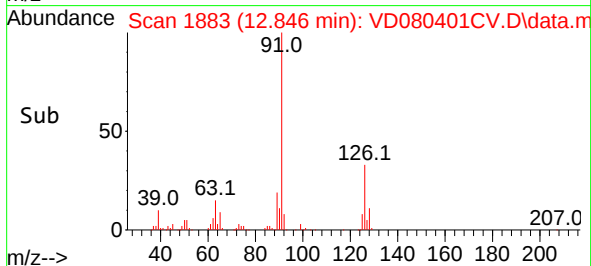
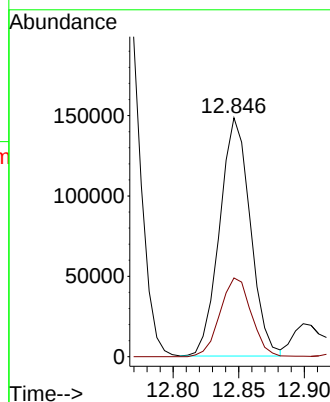
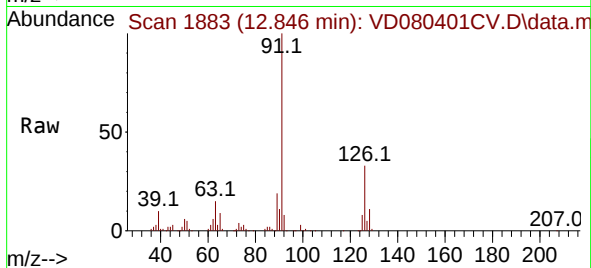
ClientSampleId :

Tgt Ion: 91 Resp: 241654

Ion Ratio Lower Upper

91 100

126 33.6 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 45.414 ug/l

RT: 12.899 min Scan# 1892

Delta R.T. -0.000 min

Lab File: VD080401CV.D

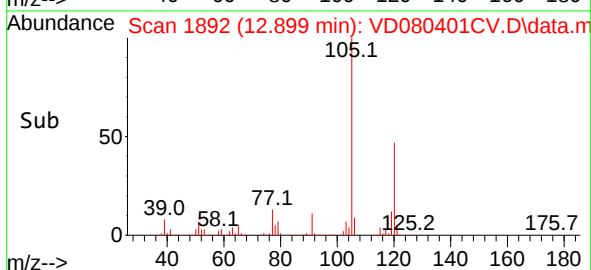
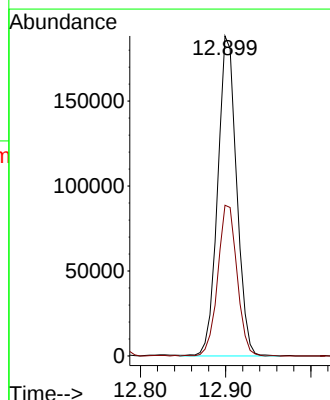
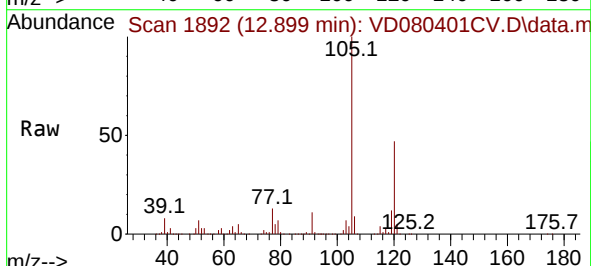
Acq: 30 May 2025 14:38

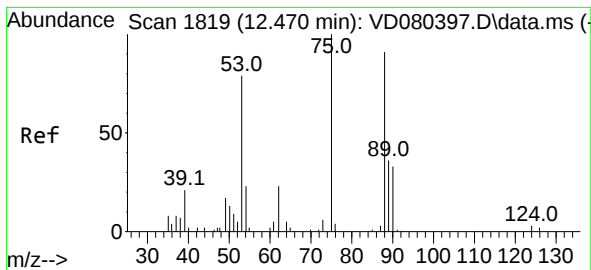
Tgt Ion:105 Resp: 289870

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3

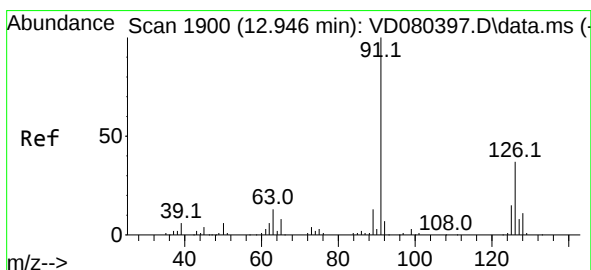
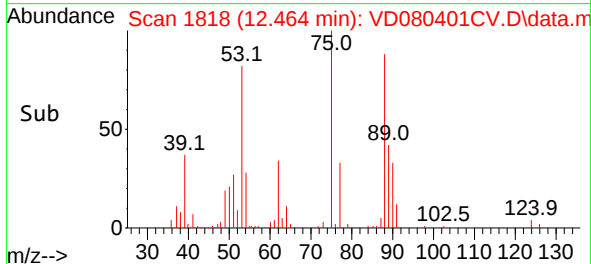
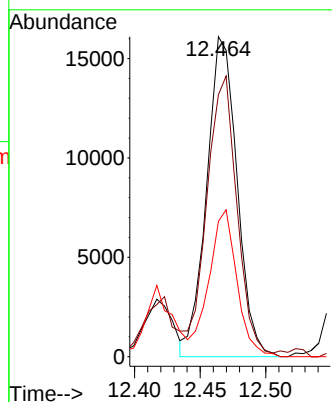
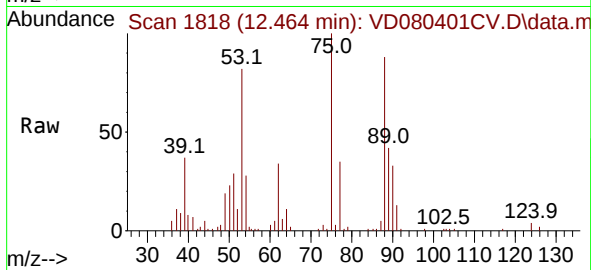




#81
trans-1,4-Dichloro-2-butene
Concen: 45.417 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

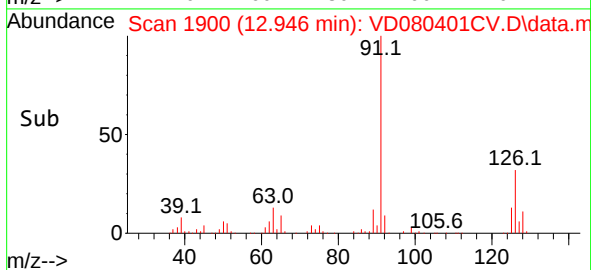
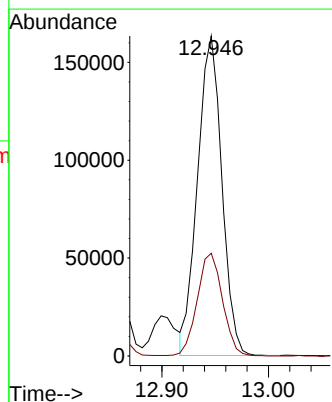
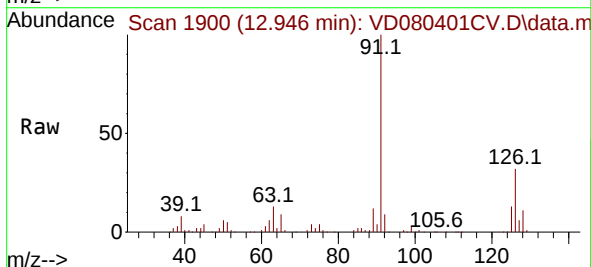
Instrument :
MSVOA_D
ClientSampleId :

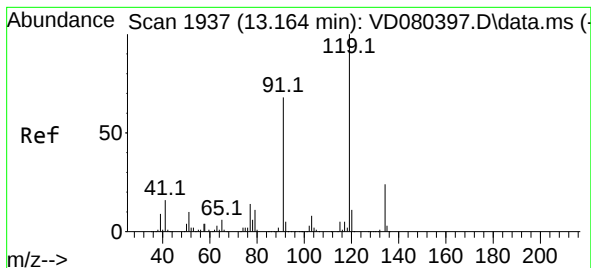
Tgt Ion: 75 Resp: 26013
Ion Ratio Lower Upper
75 100
53 85.6 72.3 108.5
89 42.3 35.7 53.5



#82
4-Chlorotoluene
Concen: 44.424 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080401CV.D
Acq: 30 May 2025 14:38

Tgt Ion: 91 Resp: 259576
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0





#83

tert-Butylbenzene

Concen: 44.999 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

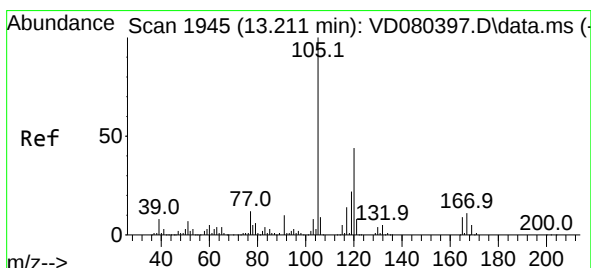
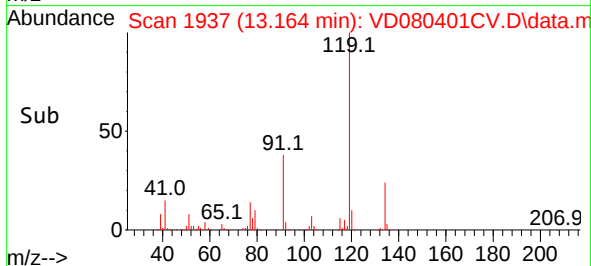
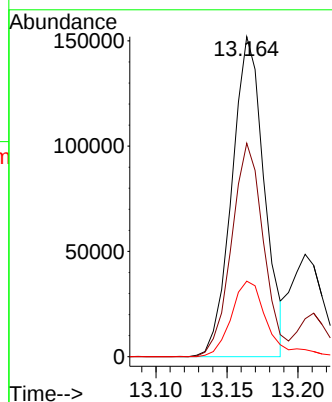
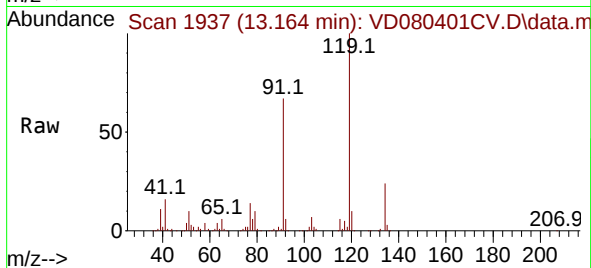
Tgt Ion:119 Resp: 241407

Ion Ratio Lower Upper

119 100

91 66.2 33.7 101.1

134 26.4 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 46.543 ug/l

RT: 13.211 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VD080401CV.D

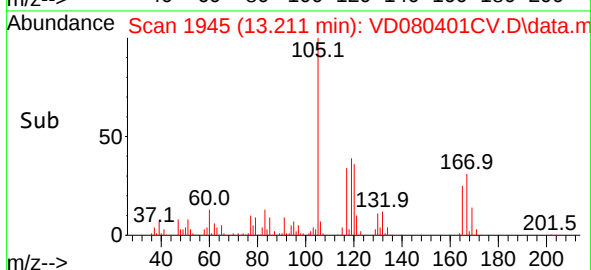
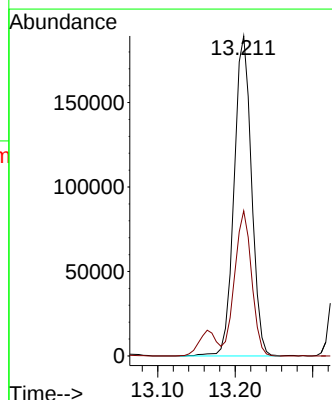
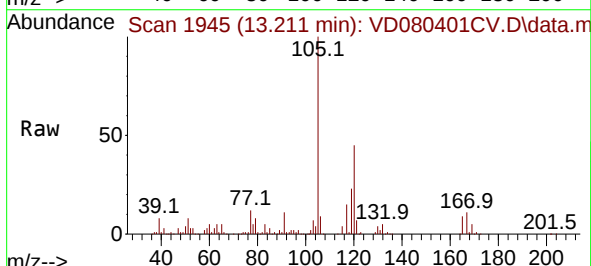
Acq: 30 May 2025 14:38

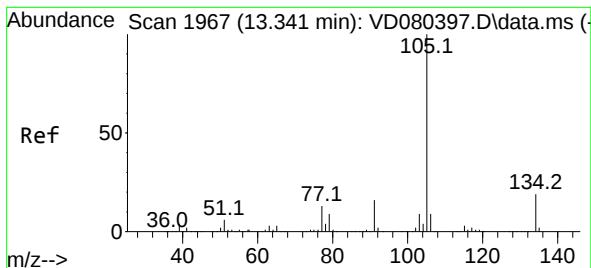
Tgt Ion:105 Resp: 295556

Ion Ratio Lower Upper

105 100

120 44.4 22.4 67.0





#85

sec-Butylbenzene

Concen: 46.487 ug/l

RT: 13.346 min Scan# 1967

Delta R.T. 0.006 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

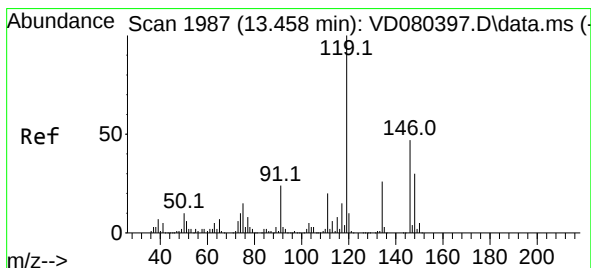
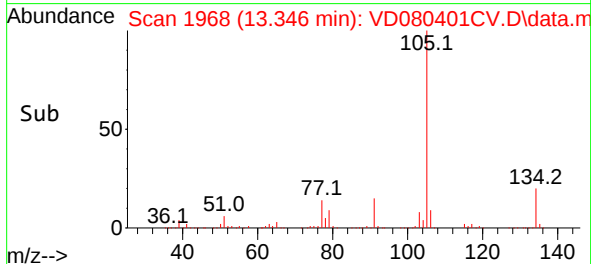
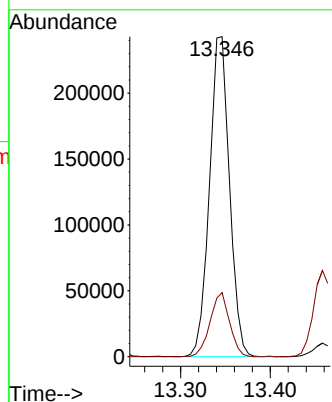
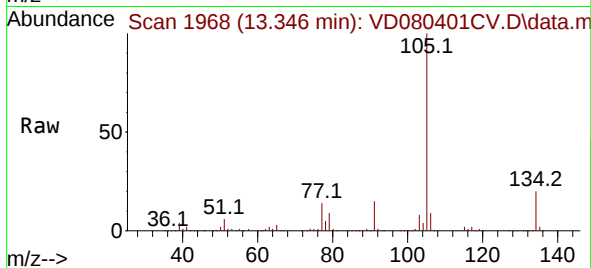
ClientSampleId :

Tgt Ion:105 Resp: 376171

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 54.288 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

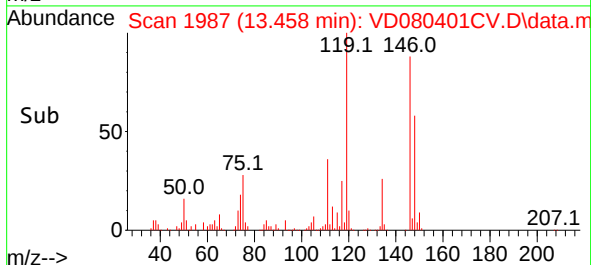
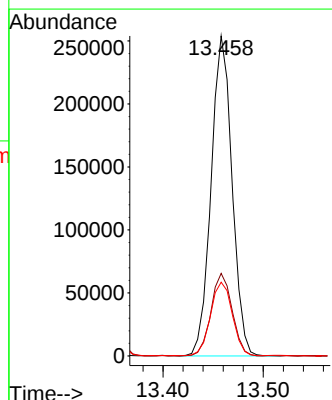
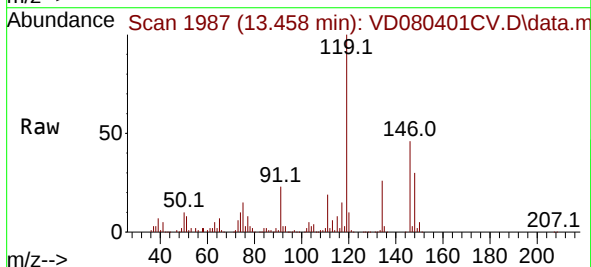
Tgt Ion:119 Resp: 369166

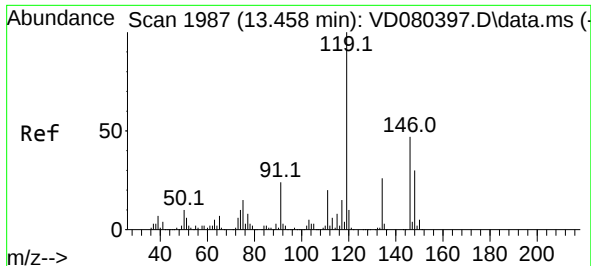
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.8 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 49.510 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

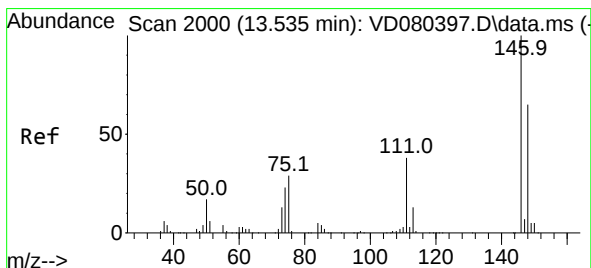
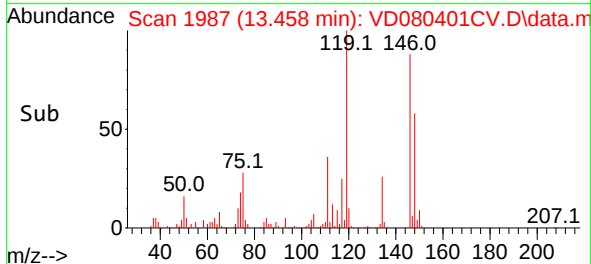
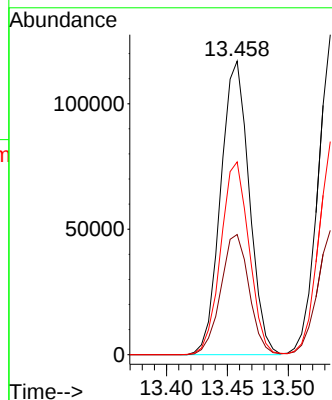
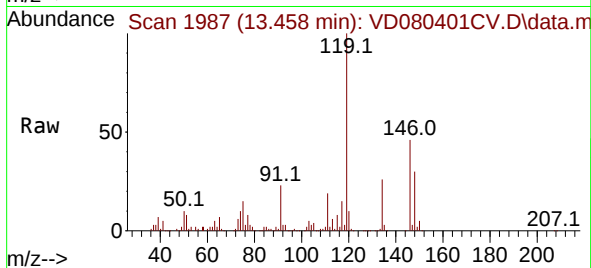
Tgt Ion:146 Resp: 190874

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.8

148 65.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 52.354 ug/l

RT: 13.534 min Scan# 2000

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

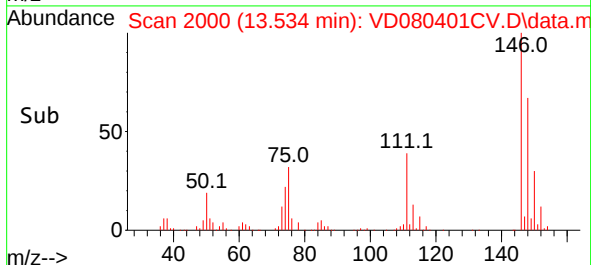
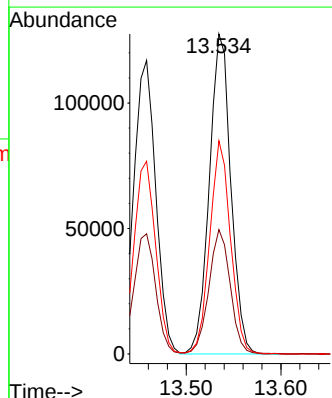
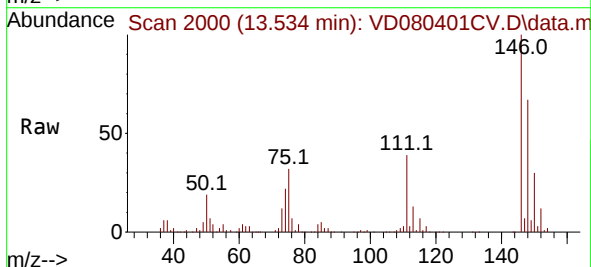
Tgt Ion:146 Resp: 201754

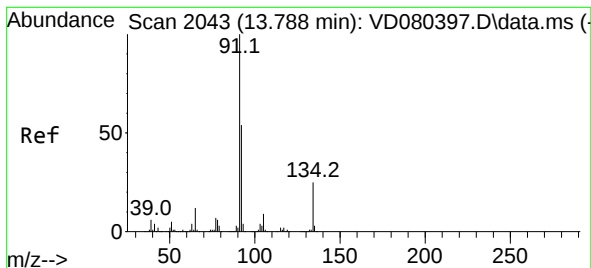
Ion Ratio Lower Upper

146 100

111 38.5 19.9 59.6

148 64.3 32.6 98.0





#89

n-Butylbenzene

Concen: 52.979 ug/l

RT: 13.787 min Scan# 2043

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :

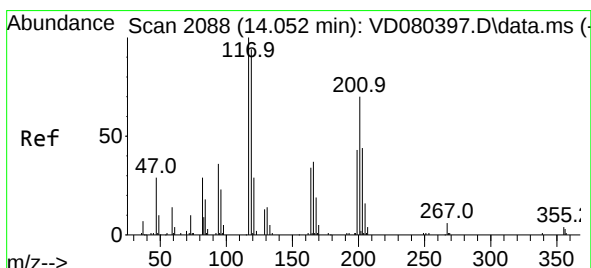
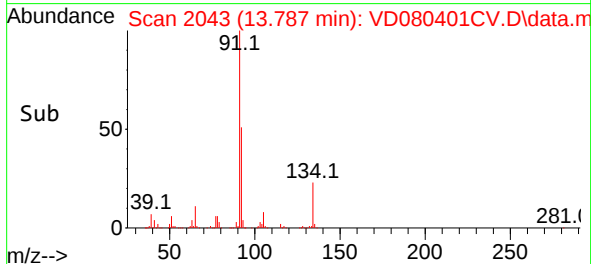
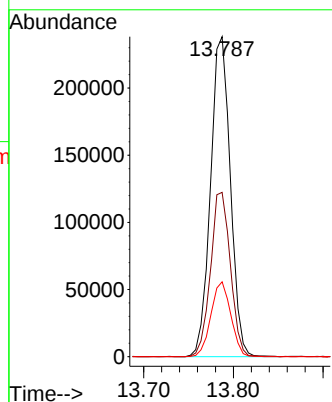
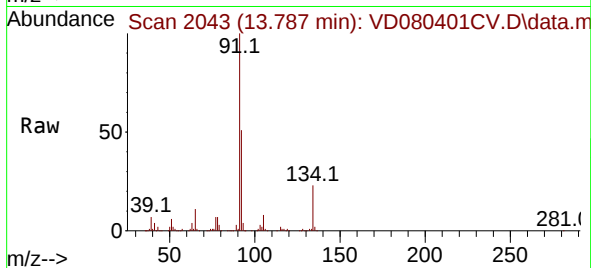
Tgt Ion: 91 Resp: 365151

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.2

134 23.5 12.3 36.9



#90

Hexachloroethane

Concen: 48.044 ug/l

RT: 14.052 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VD080401CV.D

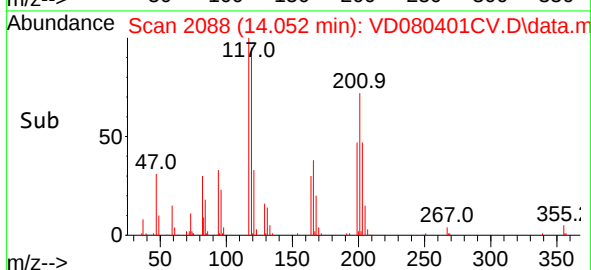
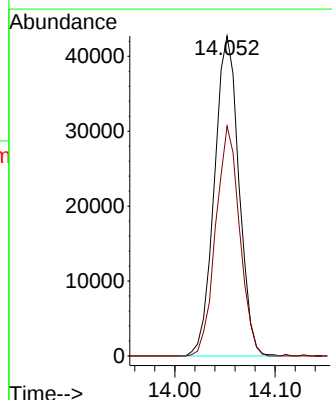
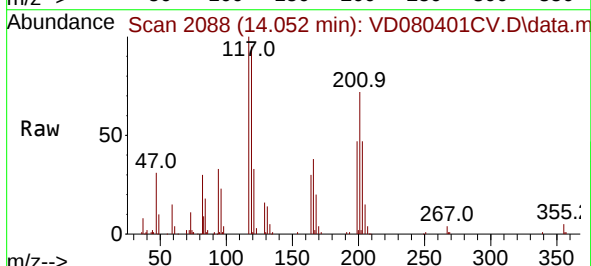
Acq: 30 May 2025 14:38

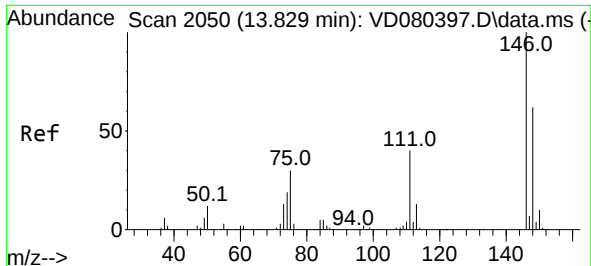
Tgt Ion: 117 Resp: 72454

Ion Ratio Lower Upper

117 100

201 70.0 36.1 108.3

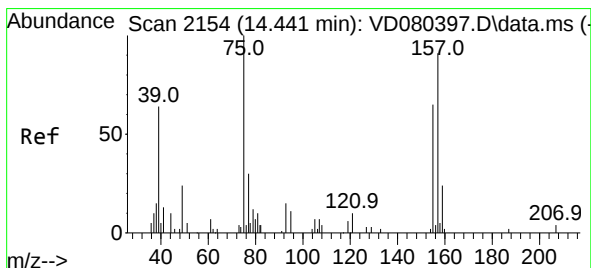
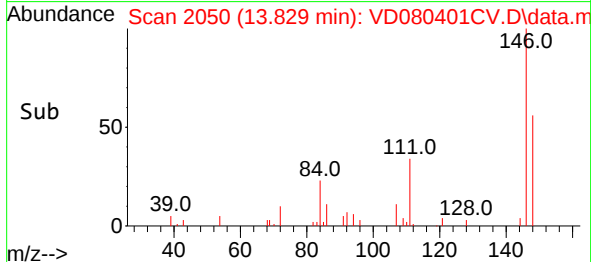
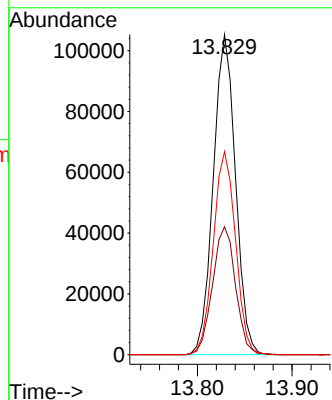
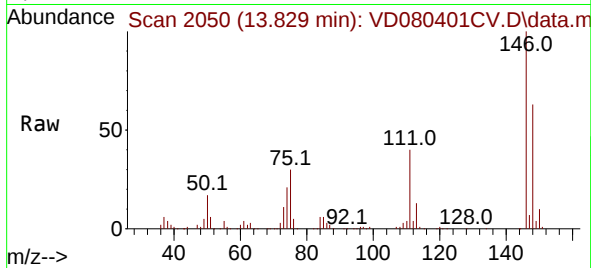




#91
 1,2-Dichlorobenzene
 Concen: 51.562 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VD080401CV.D
 Acq: 30 May 2025 14:38

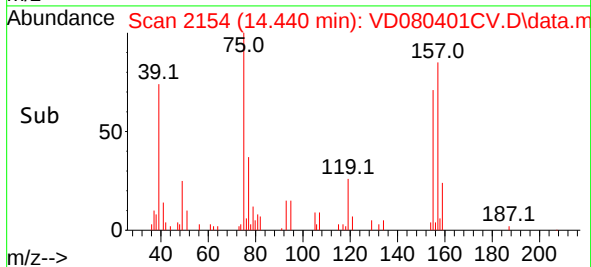
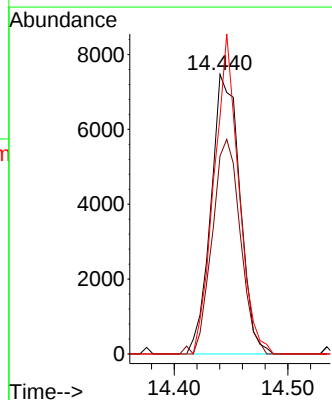
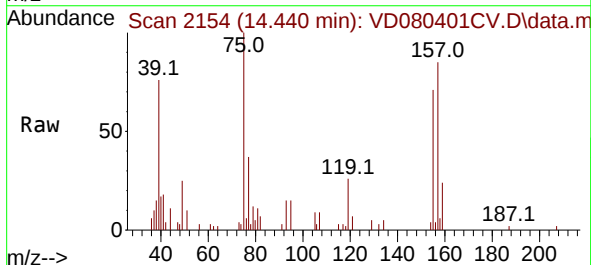
Instrument :
 MSVOA_D
 ClientSampleId :

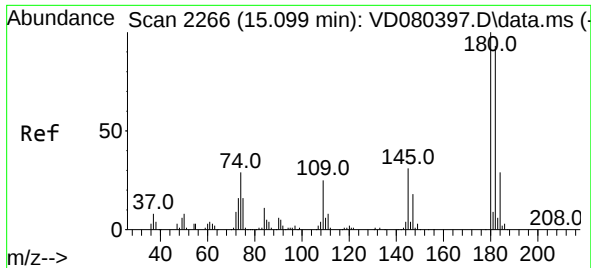
Tgt Ion:146 Resp: 171769
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.5
 148 63.6 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.046 ug/l
 RT: 14.440 min Scan# 2154
 Delta R.T. -0.001 min
 Lab File: VD080401CV.D
 Acq: 30 May 2025 14:38

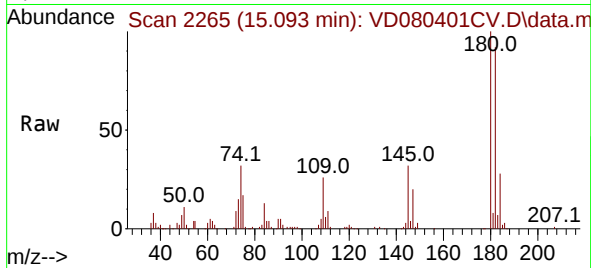
Tgt Ion: 75 Resp: 13178
 Ion Ratio Lower Upper
 75 100
 155 74.8 35.8 107.3
 157 97.9 44.8 134.3



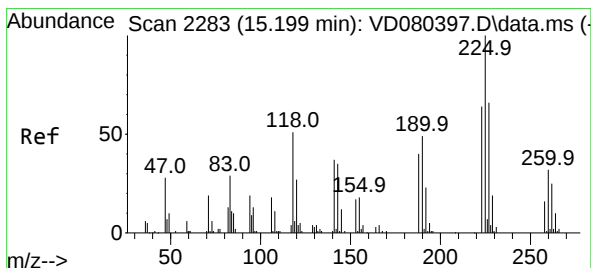
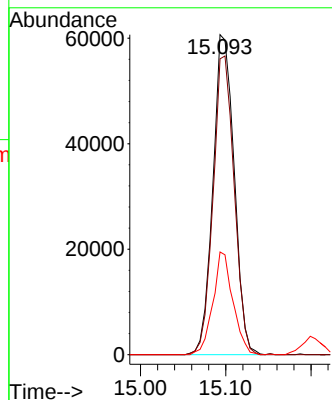
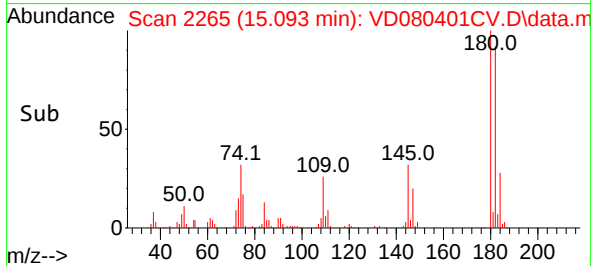


#93
 1,2,4-Trichlorobenzene
 Concen: 45.177 ug/l
 RT: 15.093 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080401CV.D
 Acq: 30 May 2025 14:38

Instrument :
 MSVOA_D
 ClientSampleId :

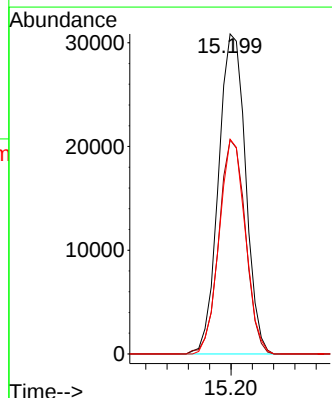
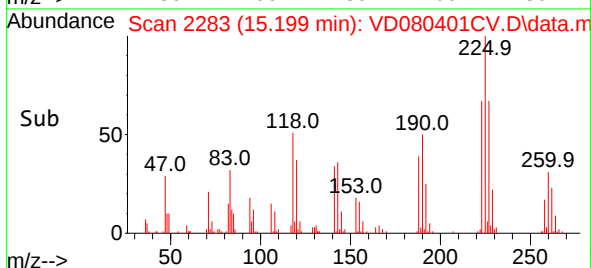
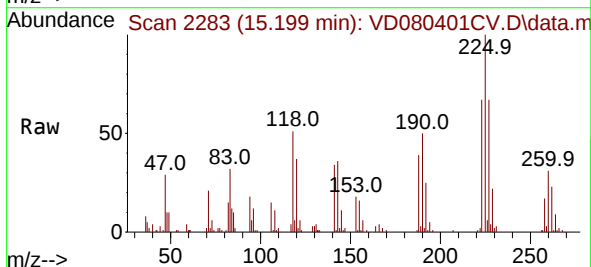


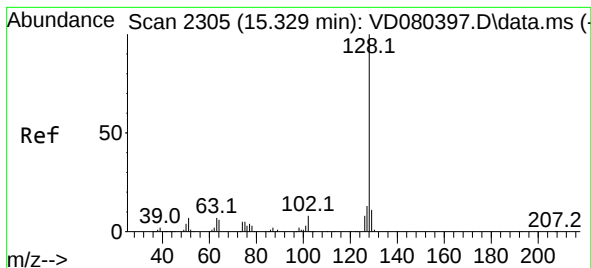
Tgt Ion:180 Resp: 105036
 Ion Ratio Lower Upper
 180 100
 182 92.6 46.9 140.7
 145 30.3 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 49.388 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: VD080401CV.D
 Acq: 30 May 2025 14:38

Tgt Ion:225 Resp: 54343
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.4 94.0
 227 65.0 31.6 95.0





#95

Naphthalene

Concen: 48.232 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. -0.001 min

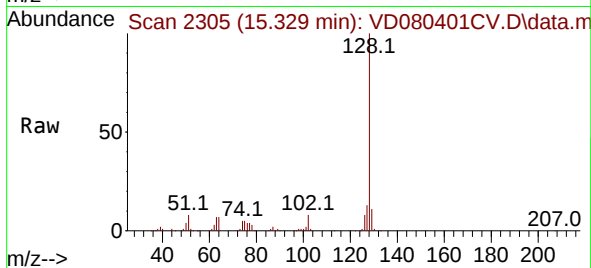
Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Instrument :

MSVOA_D

ClientSampleId :



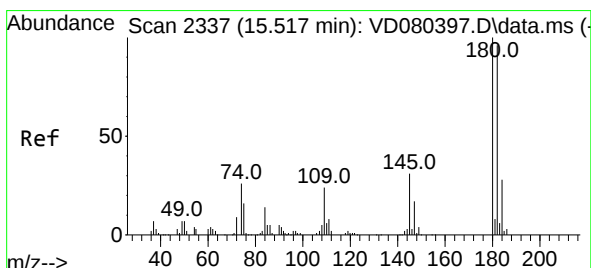
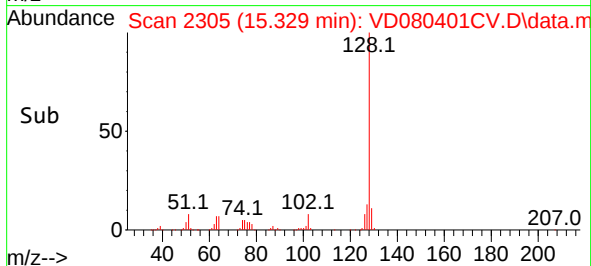
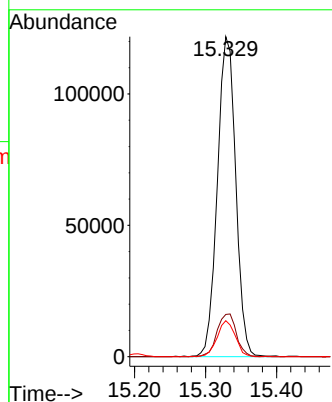
Tgt Ion:128 Resp: 218074

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.3 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 47.521 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080401CV.D

Acq: 30 May 2025 14:38

Tgt Ion:180 Resp: 99093

Ion Ratio Lower Upper

180 100

182 97.2 47.0 141.2

145 31.1 15.4 46.4

