

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
 Data File : VD080297.D
 Acq On : 06 May 2025 16:43
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050625

Quant Time: May 07 03:40:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 03:36:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	118569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	203139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	194714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	105584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	79985	52.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.340%	
35) Dibromofluoromethane	7.805	113	71600	52.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.180%	
50) Toluene-d8	10.270	98	277923	51.808	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.570	95	89935	52.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.935	85	45141	42.412	ug/l	97
3) Chloromethane	2.153	50	98635	48.244	ug/l	99
4) Vinyl Chloride	2.276	62	125016	40.558	ug/l	95
5) Bromomethane	2.682	94	91547	41.260	ug/l	99
6) Chloroethane	2.829	64	93264	42.793	ug/l	98
7) Trichlorofluoromethane	3.164	101	98696	41.757	ug/l	97
8) Diethyl Ether	3.594	74	33992	46.590	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.959	101	58092	39.891	ug/l	98
10) Methyl Iodide	4.159	142	71935	48.458	ug/l	97
11) Tert butyl alcohol	5.070	59	21471	230.766	ug/l #	67
12) 1,1-Dichloroethene	3.935	96	59948	41.756	ug/l #	93
13) Acrolein	3.800	56	41542	253.759	ug/l	96
14) Allyl chloride	4.559	41	105709	46.816	ug/l	99
15) Acrylonitrile	5.253	53	82879	236.284	ug/l	99
16) Acetone	4.023	43	60747	258.617	ug/l	97
17) Carbon Disulfide	4.264	76	211120	42.347	ug/l #	95
18) Methyl Acetate	4.570	43	45817	46.179	ug/l	97
19) Methyl tert-butyl Ether	5.323	73	158777	50.341	ug/l	97
20) Methylene Chloride	4.800	84	81792	49.945	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	71924	46.114	ug/l	97
22) Diisopropyl ether	6.217	45	232631	50.015	ug/l	97
23) Vinyl Acetate	6.158	43	682597	251.975	ug/l	99
24) 1,1-Dichloroethane	6.111	63	135265	46.215	ug/l	98
25) 2-Butanone	7.082	43	99493	235.833	ug/l	96
26) 2,2-Dichloropropane	7.070	77	103438	44.414	ug/l	98
27) cis-1,2-Dichloroethene	7.076	96	84223	48.740	ug/l	97
28) Bromochloromethane	7.429	49	66229	48.599	ug/l	100
29) Tetrahydrofuran	7.447	42	67873	246.746	ug/l	98
30) Chloroform	7.594	83	138801	47.555	ug/l	99
31) Cyclohexane	7.882	56	104540	41.967	ug/l	96
32) 1,1,1-Trichloroethane	7.794	97	110760	46.513	ug/l	96
36) 1,1-Dichloropropene	8.005	75	93576	45.987	ug/l	99
37) Ethyl Acetate	7.170	43	48162	45.264	ug/l	97
38) Carbon Tetrachloride	7.994	117	92465	43.572	ug/l	95
39) Methylcyclohexane	9.276	83	101426	42.956	ug/l	97
40) Benzene	8.252	78	296898	46.567	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	23400	39.740	ug/l	88
42) 1,2-Dichloroethane	8.323	62	85727	46.402	ug/l	100
43) Isopropyl Acetate	8.358	43	91434	47.388	ug/l #	85
44) Trichloroethene	9.029	130	67692	45.738	ug/l	94
45) 1,2-Dichloropropane	9.305	63	78183	47.814	ug/l	97
46) Dibromomethane	9.394	93	43272	48.605	ug/l	97
47) Bromodichloromethane	9.582	83	107105	47.399	ug/l	98
48) Methyl methacrylate	9.382	41	44954	49.035	ug/l	97
49) 1,4-Dioxane	9.382	88	10772	1017.706	ug/l	94
51) 4-Methyl-2-Pentanone	10.158	43	251827	253.309	ug/l	100
52) Toluene	10.335	92	184689	48.083	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	98185	47.662	ug/l	96
54) cis-1,3-Dichloropropene	10.017	75	113369	47.491	ug/l	96
55) 1,1,2-Trichloroethane	10.729	97	54307	46.116	ug/l	97
56) Ethyl methacrylate	10.599	69	70970	49.734	ug/l	99
57) 1,3-Dichloropropane	10.882	76	95096	48.588	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.870	63	164692	282.016	ug/l	99
59) 2-Hexanone	10.917	43	172755	252.611	ug/l	98
60) Dibromochloromethane	11.070	129	72084	48.844	ug/l	99
61) 1,2-Dibromoethane	11.176	107	51167	46.857	ug/l	97
64) Tetrachloroethene	10.805	164	58530	44.389	ug/l	97
65) Chlorobenzene	11.605	112	199654	45.411	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.682	131	69446	45.976	ug/l	99
67) Ethyl Benzene	11.682	91	344626	46.906	ug/l	99
68) m/p-Xylenes	11.793	106	270374	94.775	ug/l	100
69) o-Xylene	12.117	106	126290	48.445	ug/l	95
70) Styrene	12.135	104	228204	48.751	ug/l	99
71) Bromoform	12.299	173	41060	45.753	ug/l #	97
73) Isopropylbenzene	12.417	105	314338	45.895	ug/l	99
74) N-amyl acetate	12.229	43	92622	47.118	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	67618	44.895	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	86992	85.368	ug/l #	100
77) Bromobenzene	12.699	156	81142	45.673	ug/l	97
78) n-propylbenzene	12.758	91	401350	46.696	ug/l	100
79) 2-Chlorotoluene	12.846	91	234241	46.853	ug/l	98
80) 1,3,5-Trimethylbenzene	12.899	105	278265	47.634	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.470	75	24662	45.939	ug/l	98
82) 4-Chlorotoluene	12.946	91	251073	46.524	ug/l	100
83) tert-Butylbenzene	13.164	119	227435	46.656	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	289078	48.365	ug/l	100
85) sec-Butylbenzene	13.340	105	350459	46.620	ug/l	100
86) p-Isopropyltoluene	13.458	119	300526	47.567	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	169779	45.824	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	166704	44.632	ug/l	98
89) n-Butylbenzene	13.782	91	279673	45.601	ug/l	98
90) Hexachloroethane	14.052	117	63410	45.361	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	148574	46.163	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	11070	46.117	ug/l	94
93) 1,2,4-Trichlorobenzene	15.093	180	92411	45.656	ug/l	100
94) Hexachlorobutadiene	15.199	225	44621	42.374	ug/l	96
95) Naphthalene	15.329	128	176588	46.464	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	82498	45.572	ug/l	98

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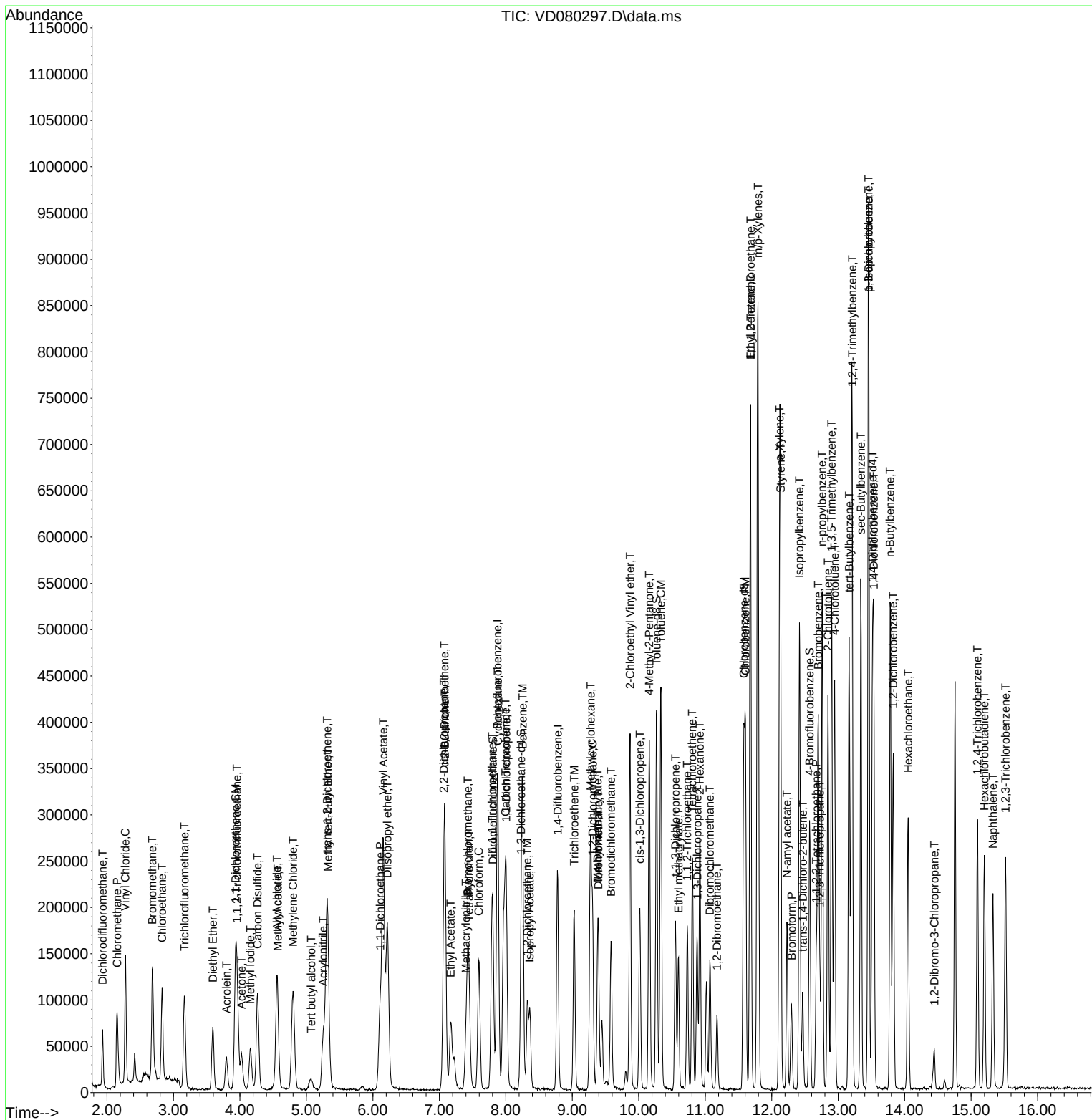
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MSVOA_D
ClientSampleId :
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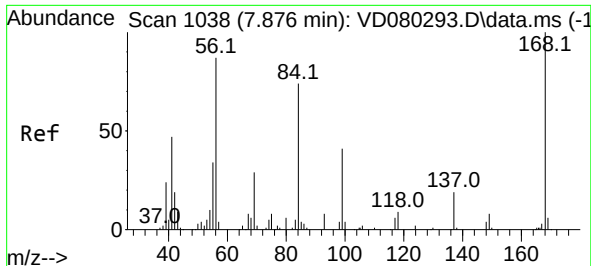
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

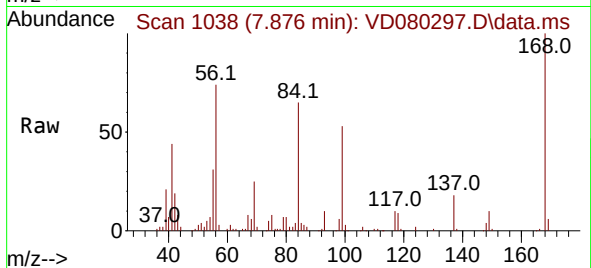
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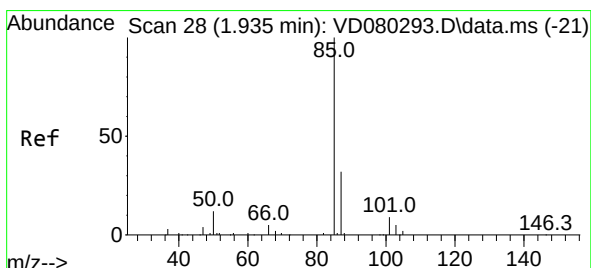
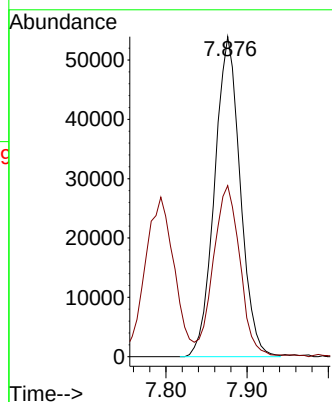
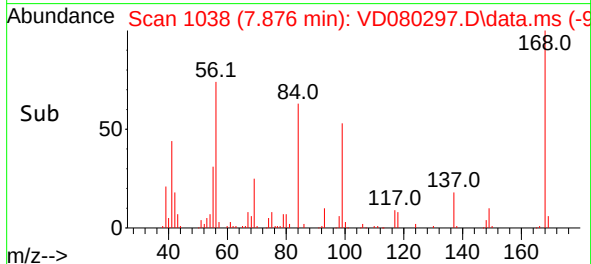


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080297.D
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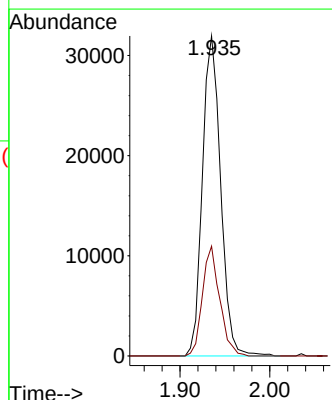
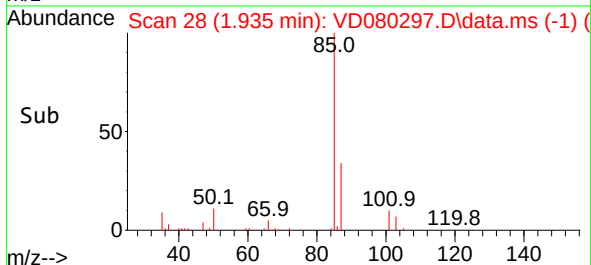
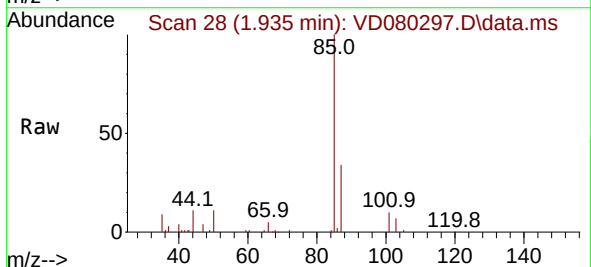


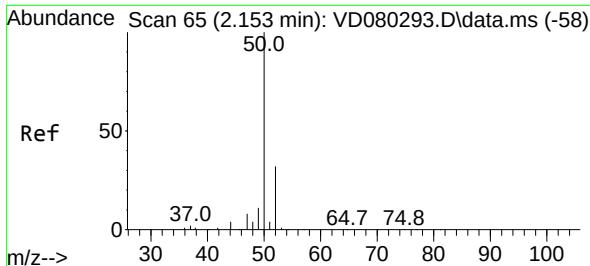
Tgt Ion:168 Resp: 118569
Ion Ratio Lower Upper
168 100
99 52.9 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 42.412 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 85 Resp: 45141
Ion Ratio Lower Upper
85 100
87 34.3 16.2 48.6

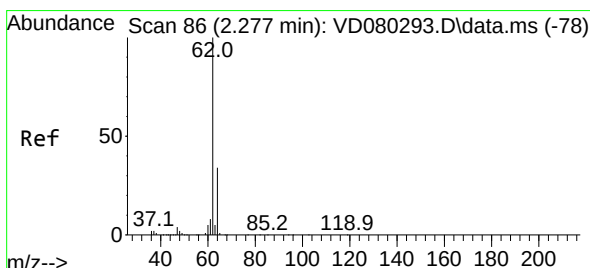
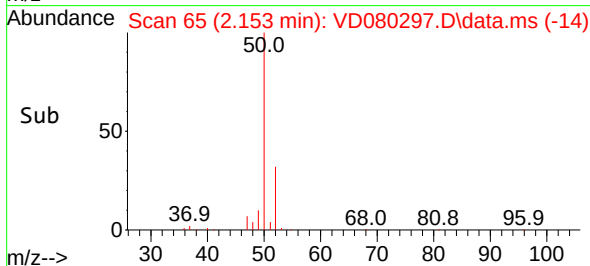
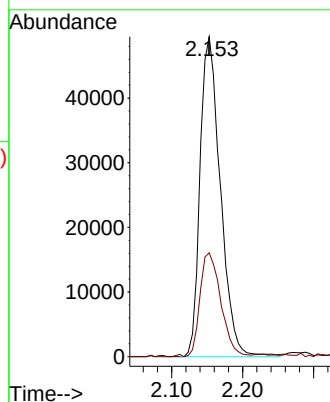
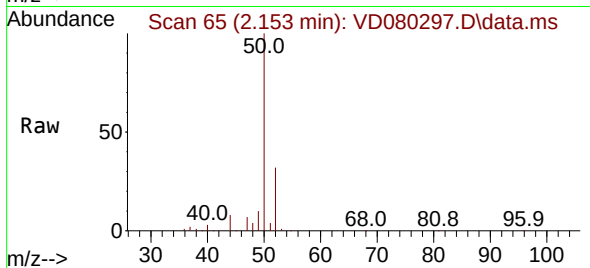




#3
Chloromethane
Concen: 48.244 ug/l
RT: 2.153 min Scan# 65
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

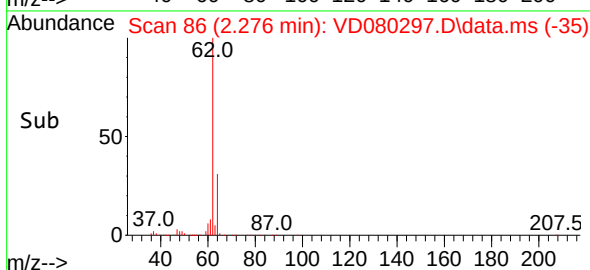
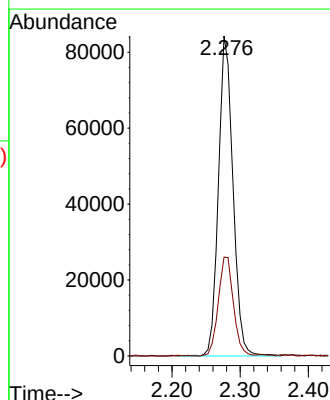
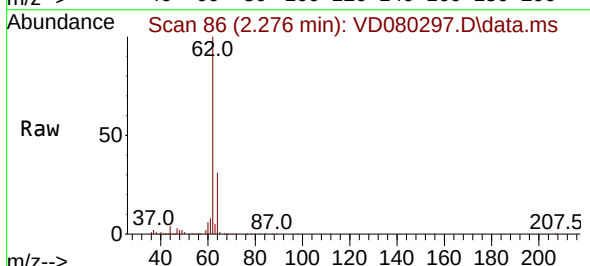
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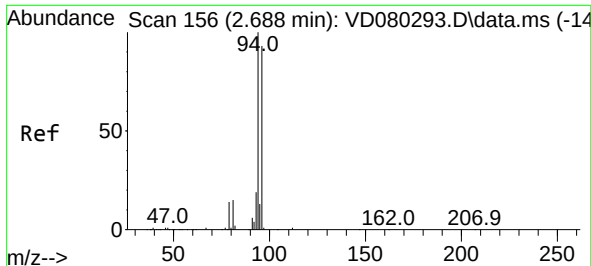
Tgt Ion: 50 Resp: 98635
Ion Ratio Lower Upper
50 100
52 31.8 25.7 38.5



#4
Vinyl Chloride
Concen: 40.558 ug/l
RT: 2.276 min Scan# 86
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 62 Resp: 125016
Ion Ratio Lower Upper
62 100
64 30.7 26.9 40.3

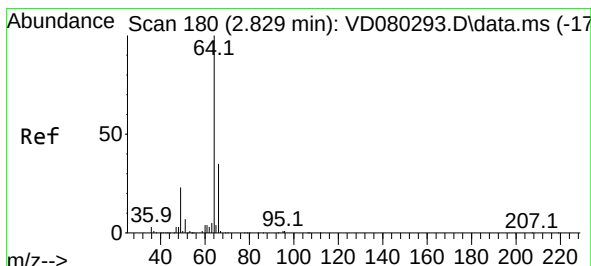
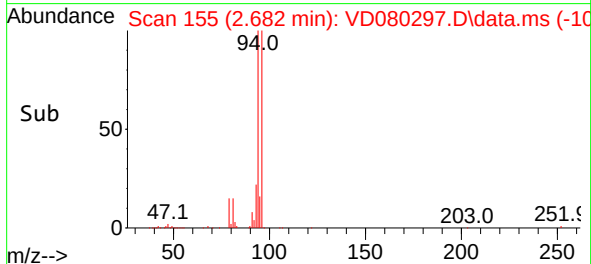
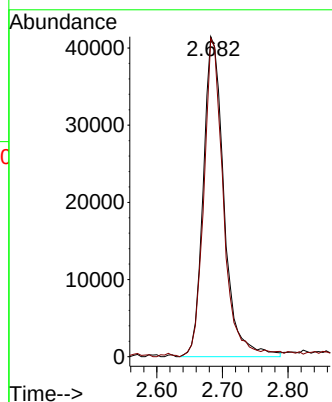
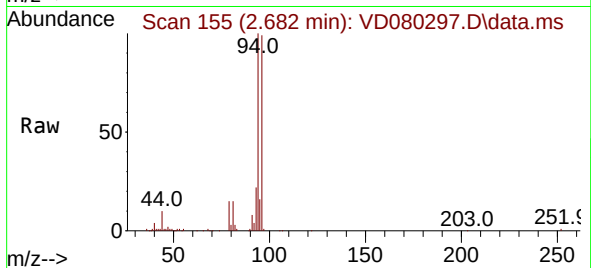




#5
Bromomethane
Concen: 41.260 ug/l
RT: 2.682 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

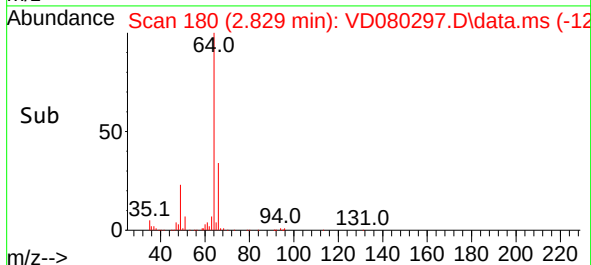
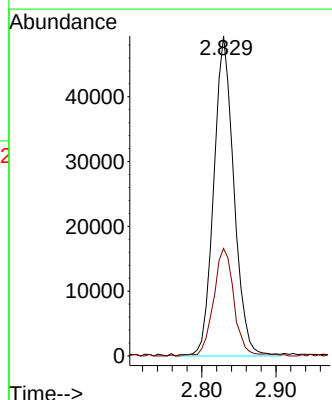
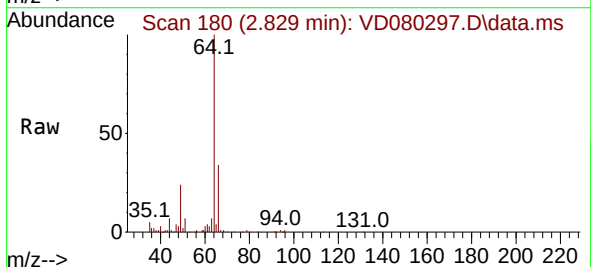
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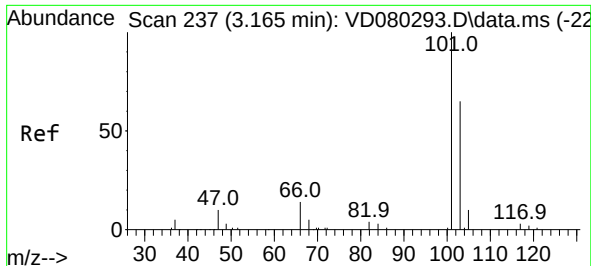
Tgt Ion: 94 Resp: 91547
Ion Ratio Lower Upper
94 100
96 92.4 74.6 112.0



#6
Chloroethane
Concen: 42.793 ug/l
RT: 2.829 min Scan# 180
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 64 Resp: 93264
Ion Ratio Lower Upper
64 100
66 33.3 27.7 41.5

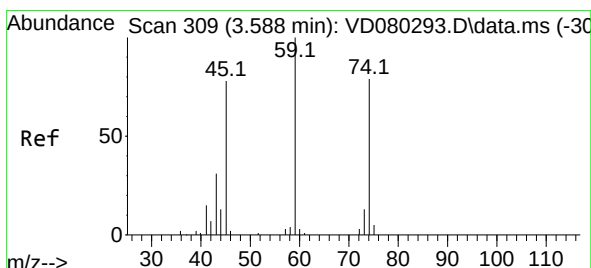
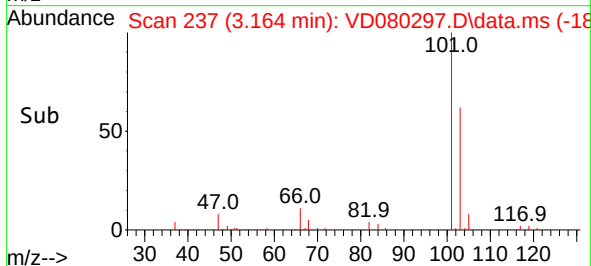
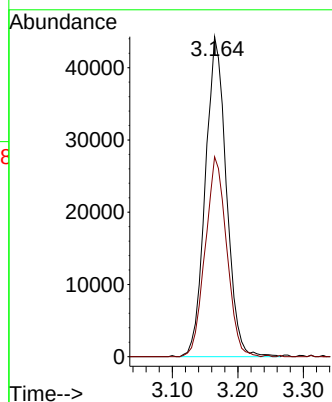
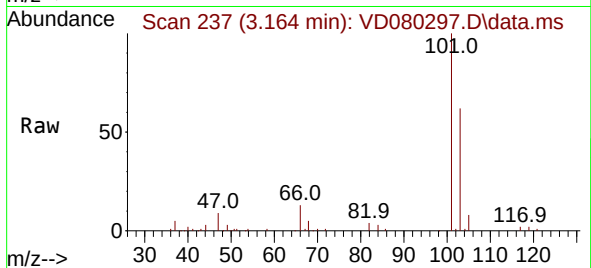




#7
Trichlorofluoromethane
Concen: 41.757 ug/l
RT: 3.164 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

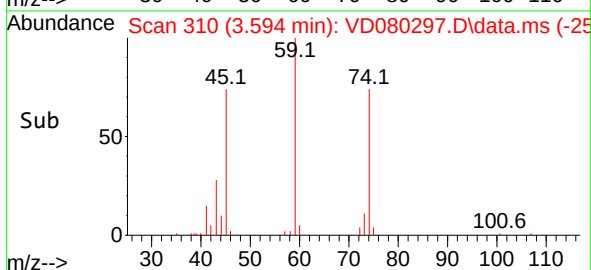
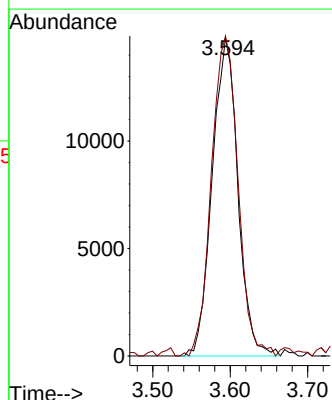
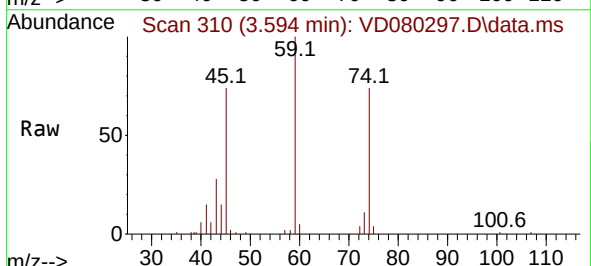
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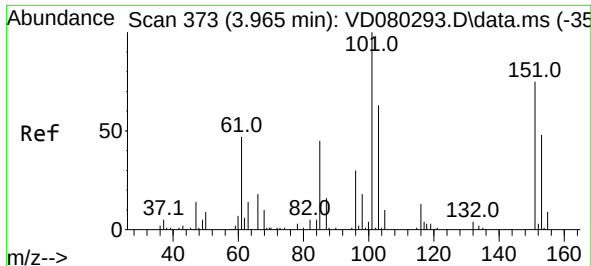
Tgt Ion:101 Resp: 98696
Ion Ratio Lower Upper
101 100
103 62.4 51.8 77.8



#8
Diethyl Ether
Concen: 46.590 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 74 Resp: 33992
Ion Ratio Lower Upper
74 100
45 104.3 53.1 159.4

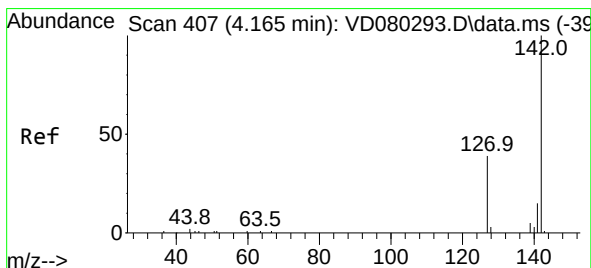
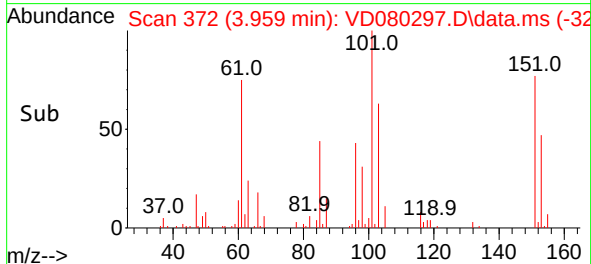
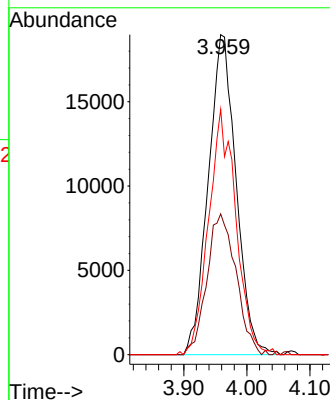
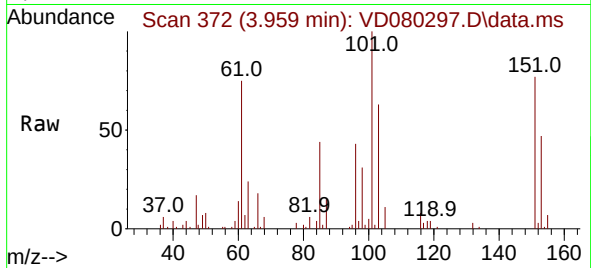




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 39.891 ug/l
 RT: 3.959 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VD080297.D
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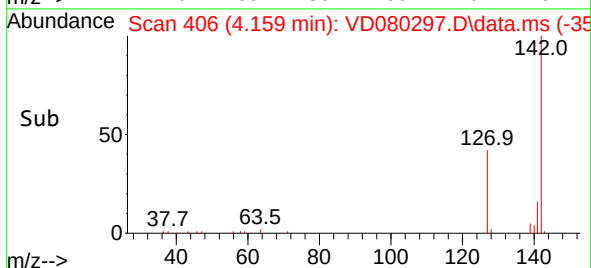
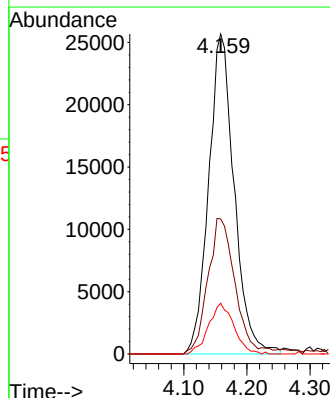
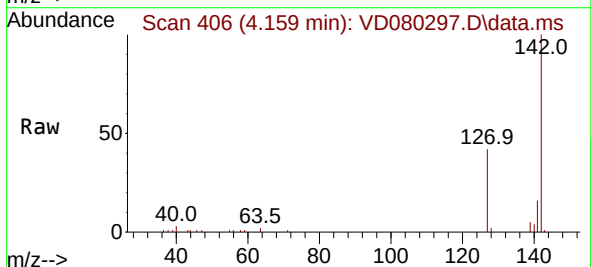
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050625

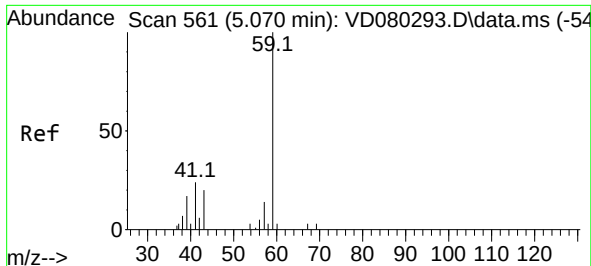
Tgt Ion:101 Resp: 58092
 Ion Ratio Lower Upper
 101 100
 85 46.1 35.5 53.3
 151 75.4 59.0 88.6



#10
 Methyl Iodide
 Concen: 48.458 ug/l
 RT: 4.159 min Scan# 406
 Delta R.T. -0.006 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

Tgt Ion:142 Resp: 71935
 Ion Ratio Lower Upper
 142 100
 127 45.2 34.6 52.0
 141 15.7 12.2 18.4





#11

Tert butyl alcohol

Concen: 230.766 ug/l

RT: 5.070 min Scan# 5

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

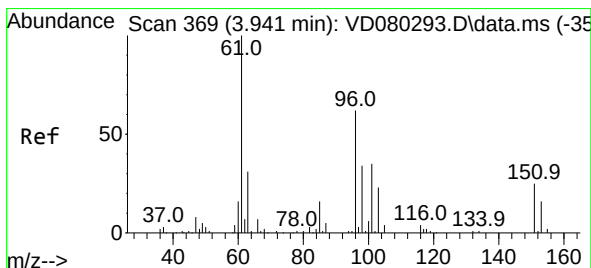
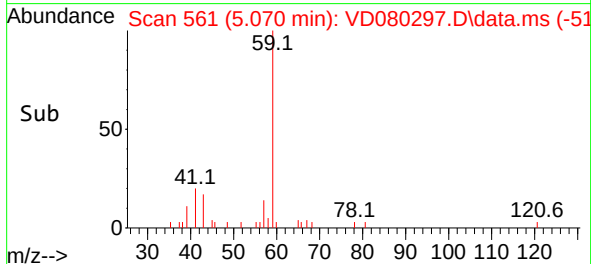
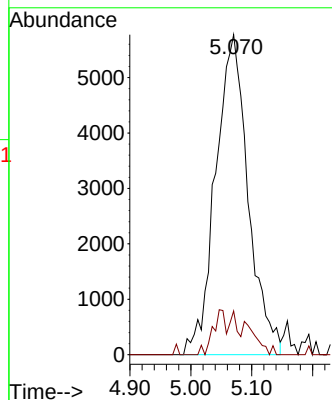
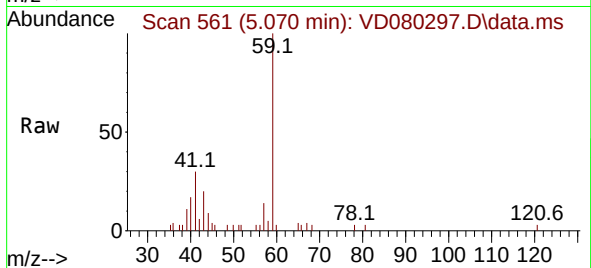
ICVVD050625

Tgt Ion: 59 Resp: 21471

Ion Ratio Lower Upper

59 100

57 0.0 10.6 16.0#



#12

1,1-Dichloroethene

Concen: 41.756 ug/l

RT: 3.935 min Scan# 368

Delta R.T. -0.006 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

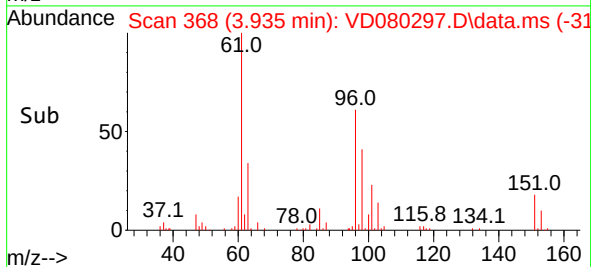
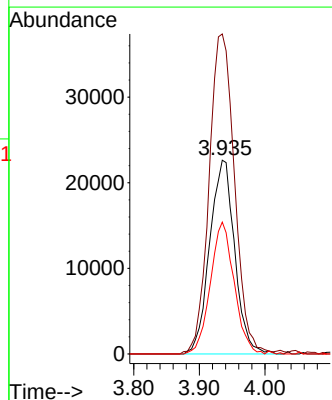
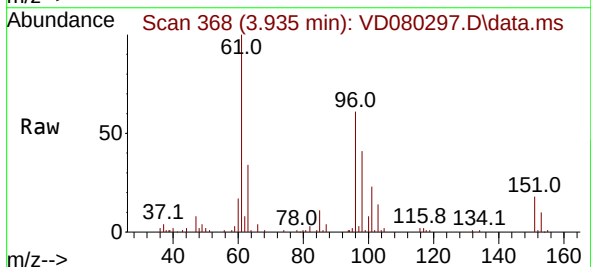
Tgt Ion: 96 Resp: 59948

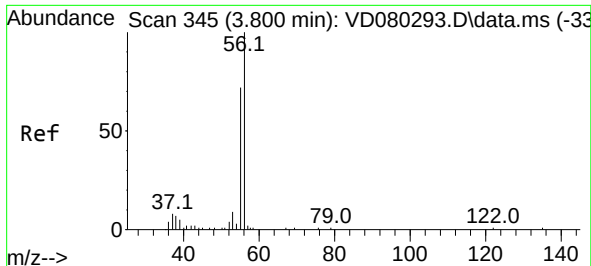
Ion Ratio Lower Upper

96 100

61 165.2 128.2 192.2

98 68.0 43.9 65.9#

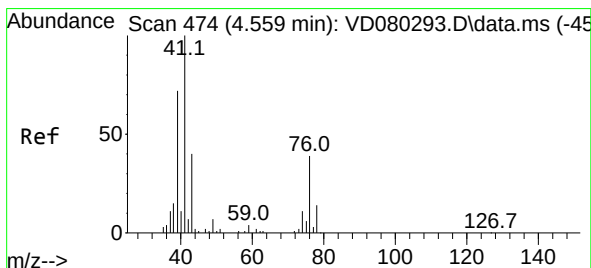
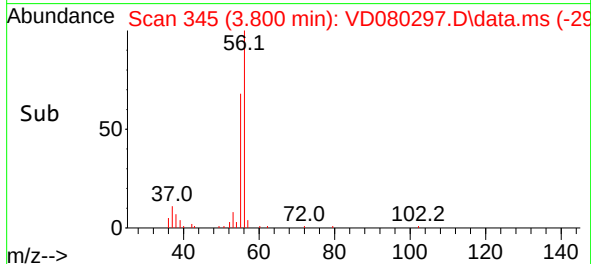
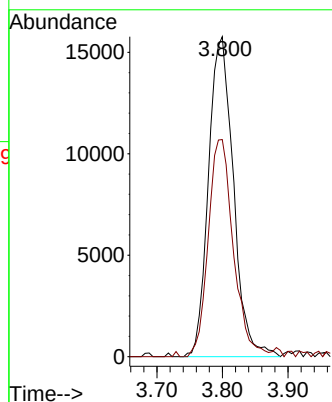
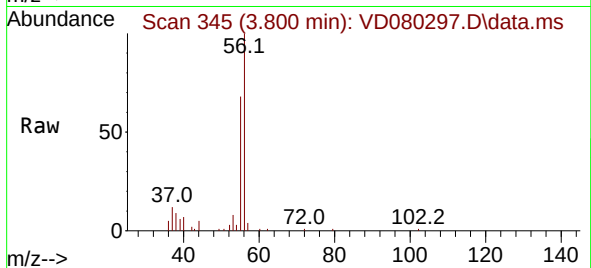




#13
Acrolein
Concen: 253.759 ug/l
RT: 3.800 min Scan# 345
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

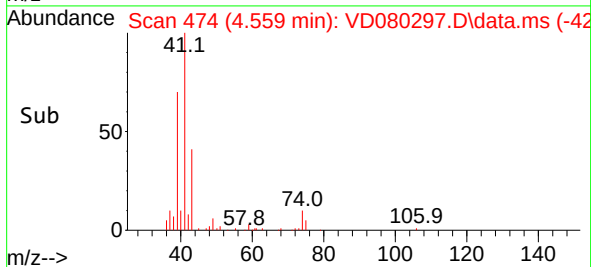
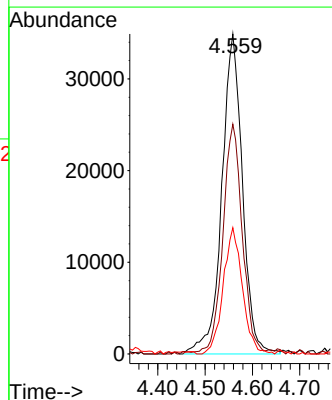
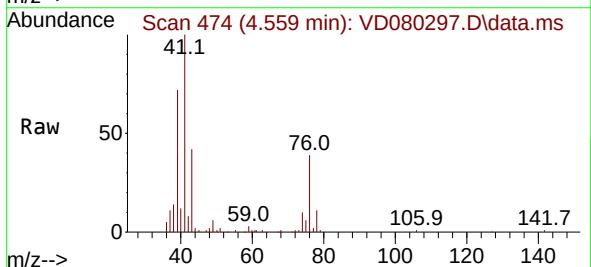
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

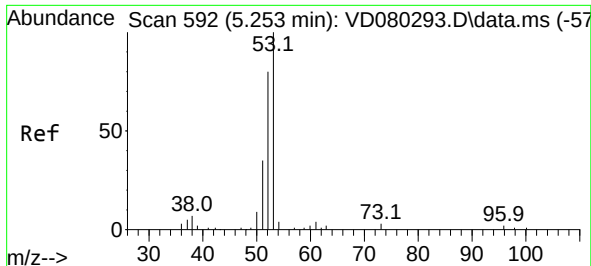
Tgt Ion: 56 Resp: 41542
Ion Ratio Lower Upper
56 100
55 68.4 57.4 86.2



#14
Allyl chloride
Concen: 46.816 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 41 Resp: 105709
Ion Ratio Lower Upper
41 100
39 65.9 53.0 79.4
76 36.6 28.8 43.2

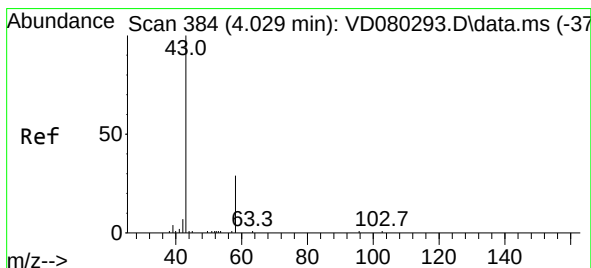
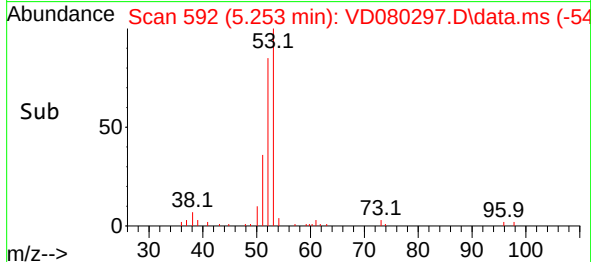
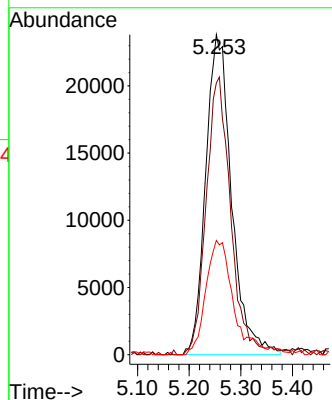
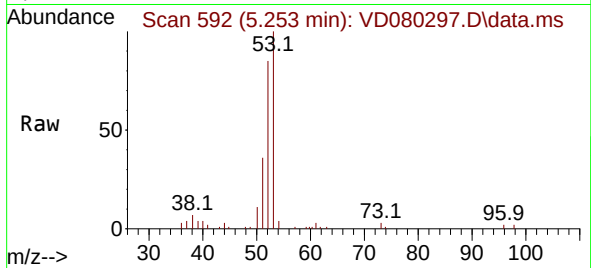




#15
Acrylonitrile
Concen: 236.284 ug/l
RT: 5.253 min Scan# 592
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

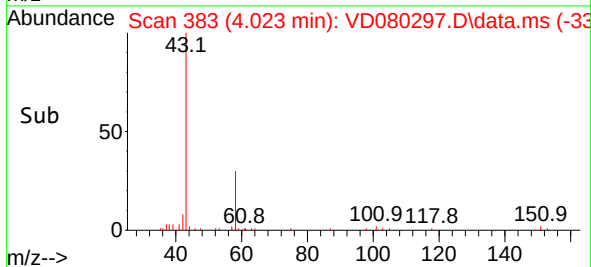
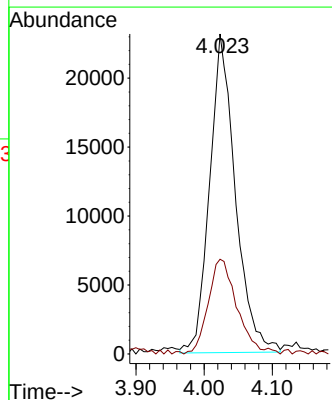
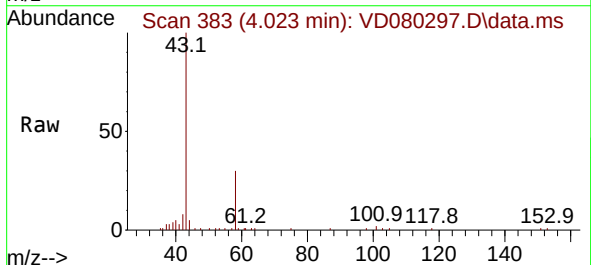
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

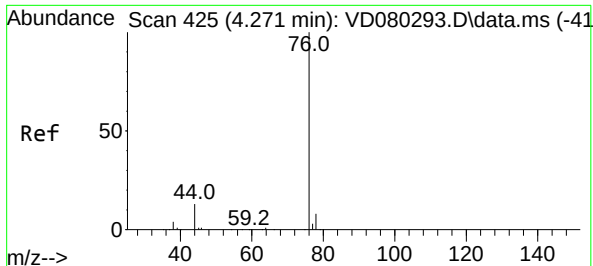
Tgt Ion:	53	Resp:	82879
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.3	100.9
51	37.6	30.4	45.6



#16
Acetone
Concen: 258.617 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion:	43	Resp:	60747
Ion	Ratio	Lower	Upper
43	100		
58	30.0	22.9	34.3

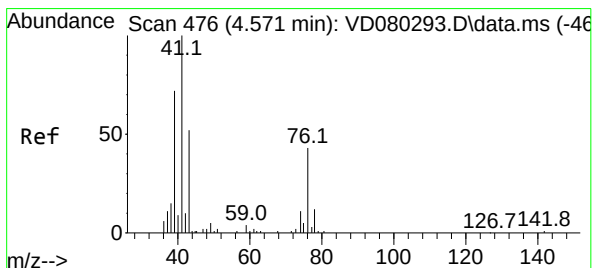
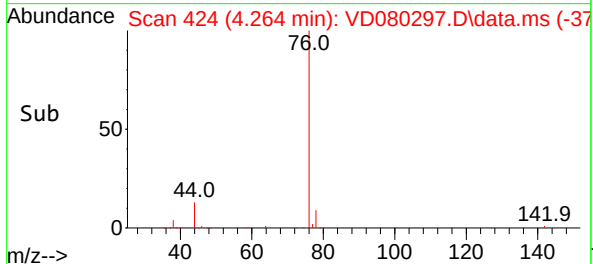
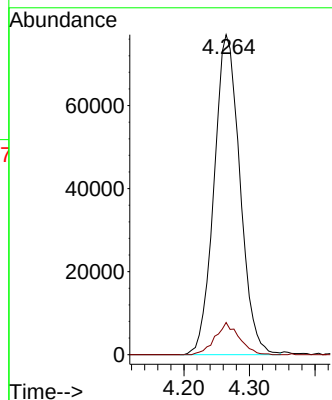
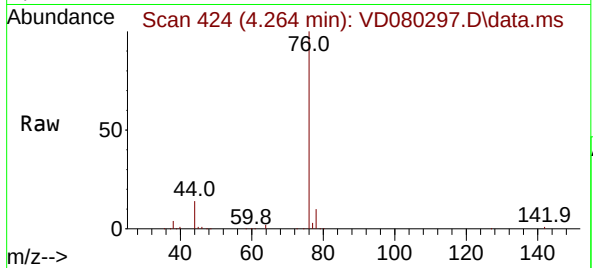




#17
Carbon Disulfide
Concen: 42.347 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

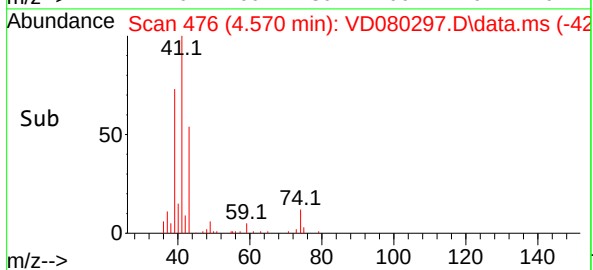
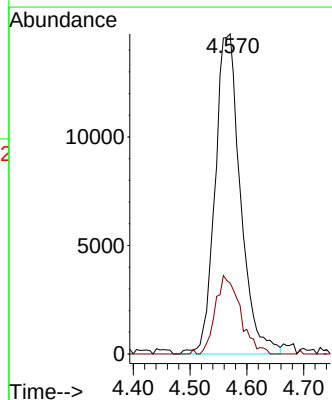
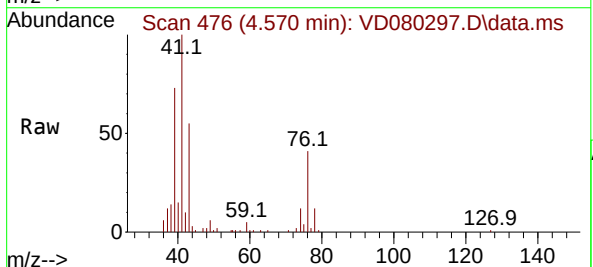
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

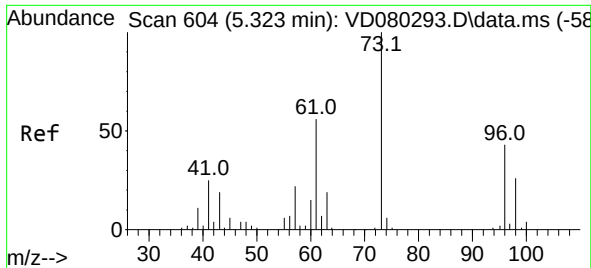
Tgt Ion: 76 Resp: 211120
Ion Ratio Lower Upper
76 100
78 10.1 6.6 10.0#



#18
Methyl Acetate
Concen: 46.179 ug/l
RT: 4.570 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 43 Resp: 45817
Ion Ratio Lower Upper
43 100
74 24.0 20.4 30.6

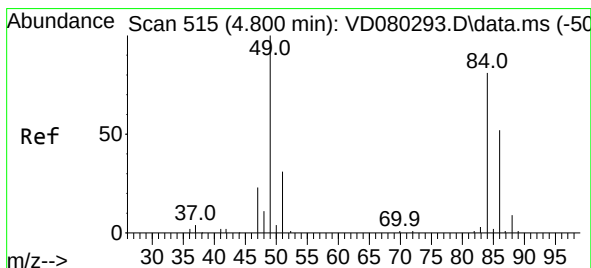
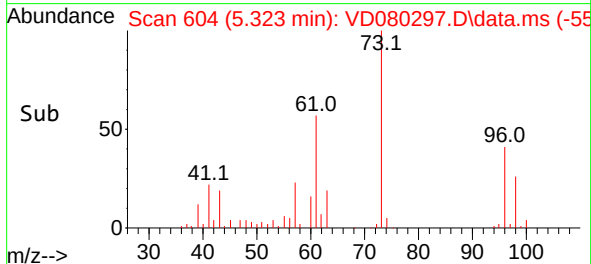
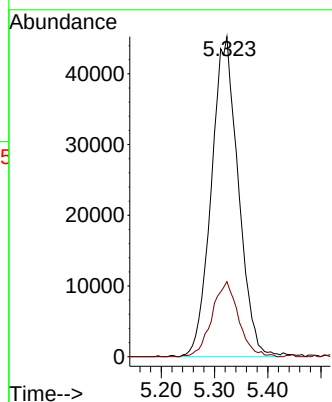
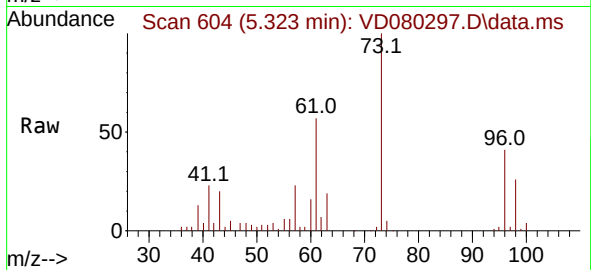




#19
Methyl tert-butyl Ether
Concen: 50.341 ug/l
RT: 5.323 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

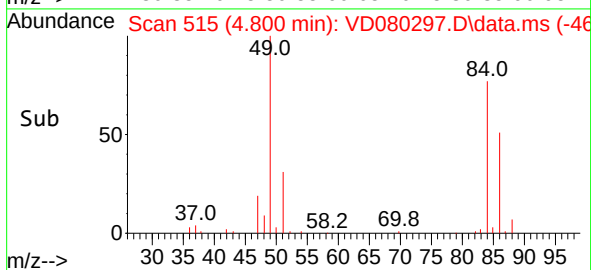
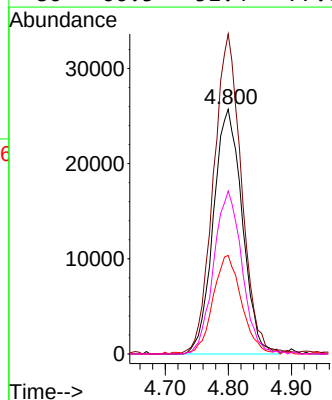
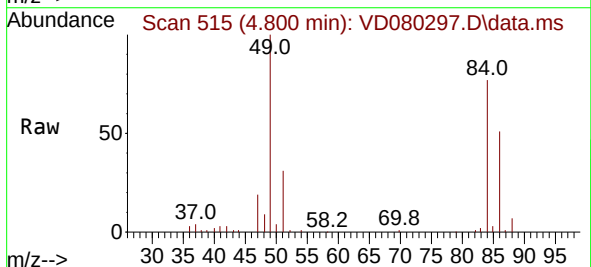
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

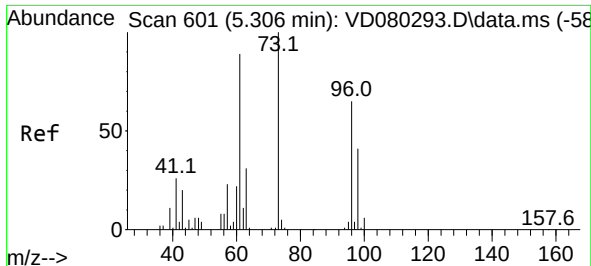
Tgt Ion: 73 Resp: 158777
Ion Ratio Lower Upper
73 100
57 23.4 17.5 26.3



#20
Methylene Chloride
Concen: 49.945 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 84 Resp: 81792
Ion Ratio Lower Upper
84 100
49 130.7 98.7 148.1
51 40.3 30.8 46.2
86 66.5 51.4 77.0

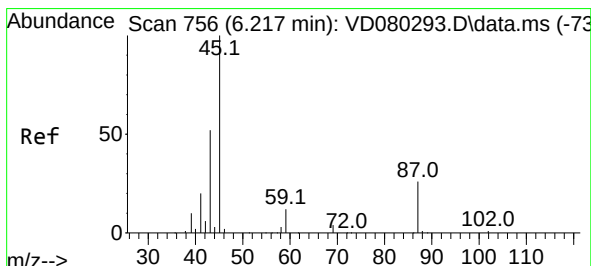
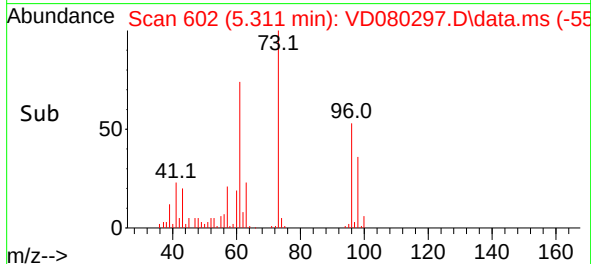
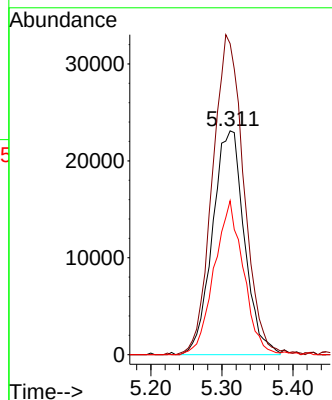
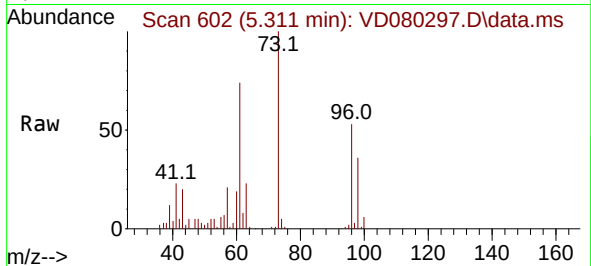




#21
trans-1,2-Dichloroethene
Concen: 46.114 ug/l
RT: 5.311 min Scan# 601
Delta R.T. 0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

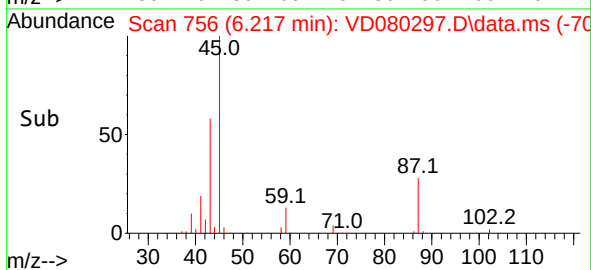
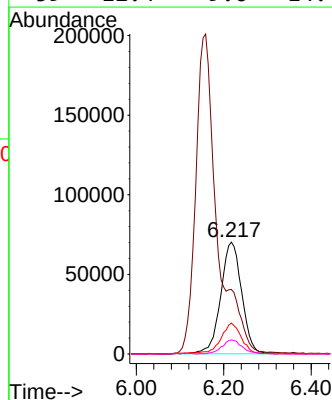
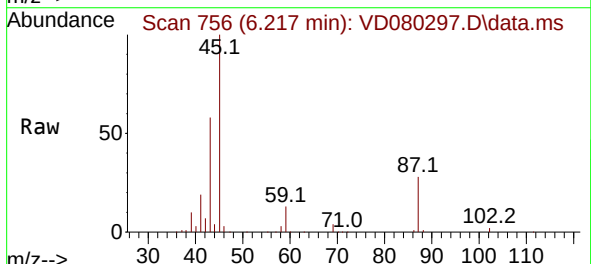
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

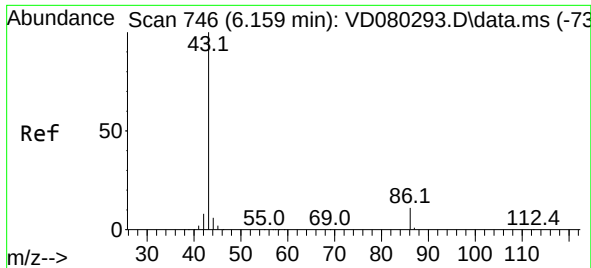
Tgt Ion: 96 Resp: 71924
Ion Ratio Lower Upper
96 100
61 138.2 109.9 164.9
98 68.8 50.6 75.8



#22
Diisopropyl ether
Concen: 50.015 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 45 Resp: 232631
Ion Ratio Lower Upper
45 100
43 56.6 42.5 63.7
87 27.5 21.4 32.0
59 12.4 9.6 14.4

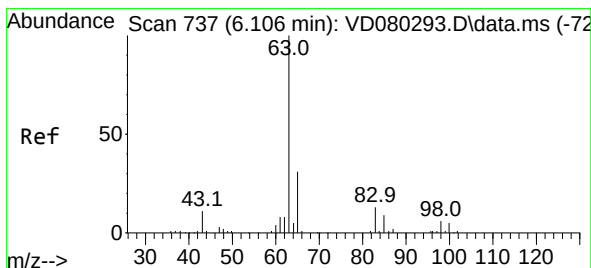
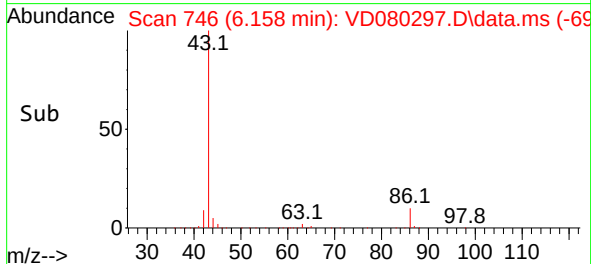
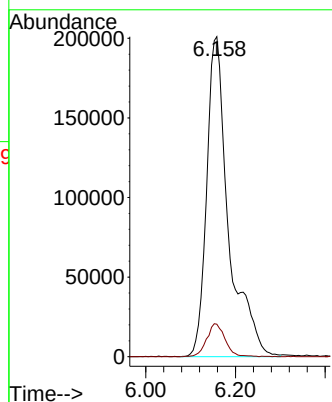
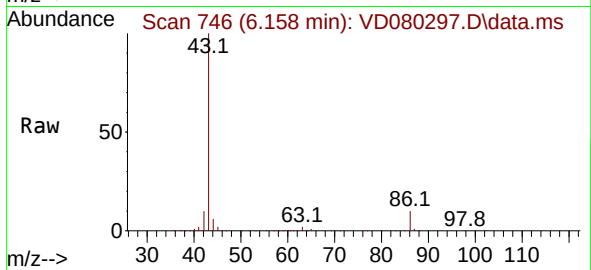




#23
 Vinyl Acetate
 Concen: 251.975 ug/l
 RT: 6.158 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

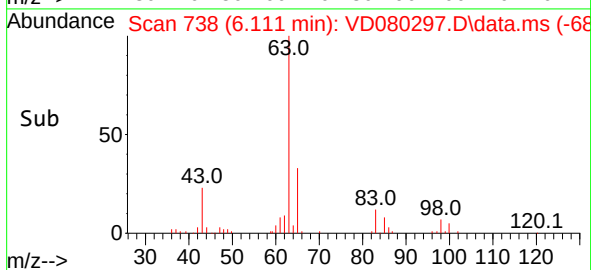
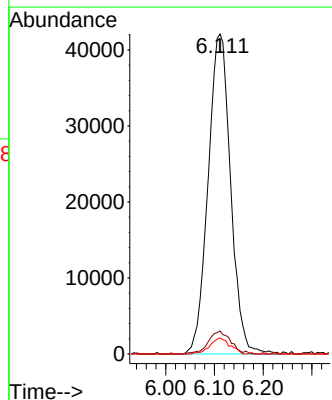
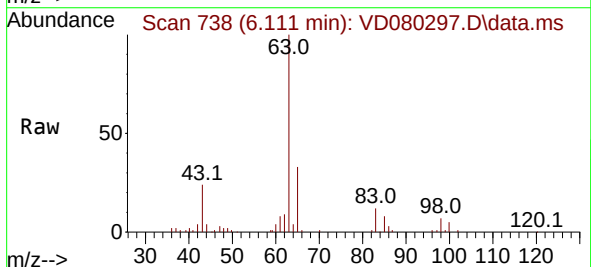
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050625

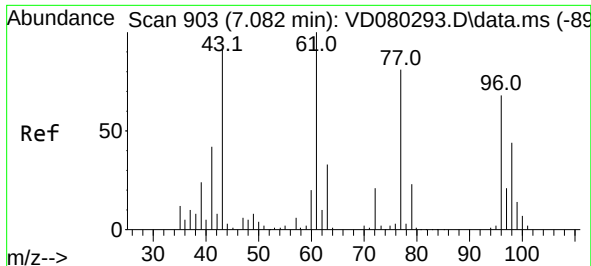
Tgt Ion: 43 Resp: 682597
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 46.215 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. 0.006 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

Tgt Ion: 63 Resp: 135265
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.3
 100 5.0 2.3 6.9

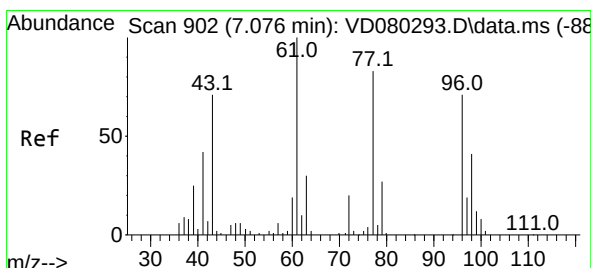
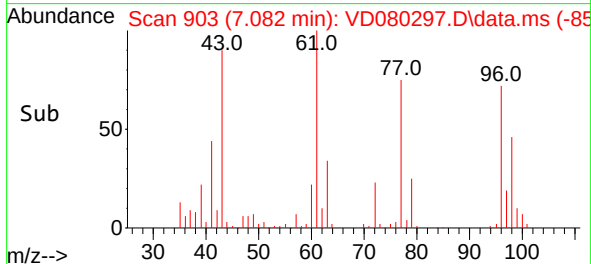
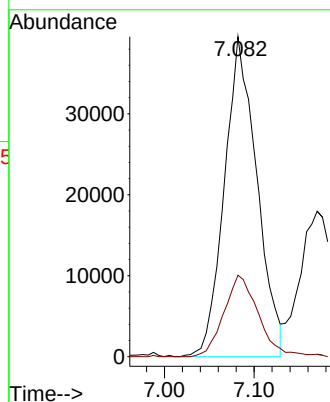
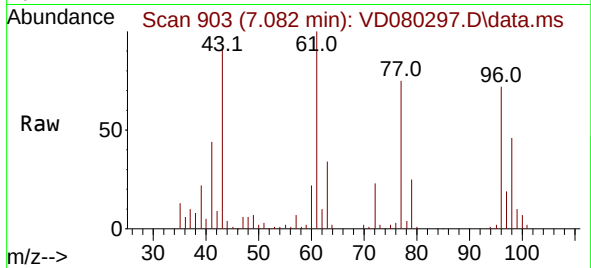




#25
2-Butanone
Concen: 235.833 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

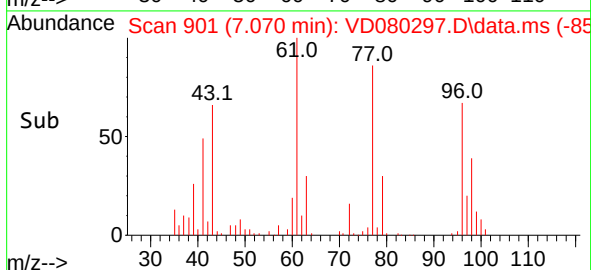
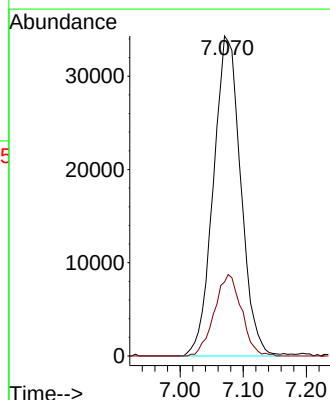
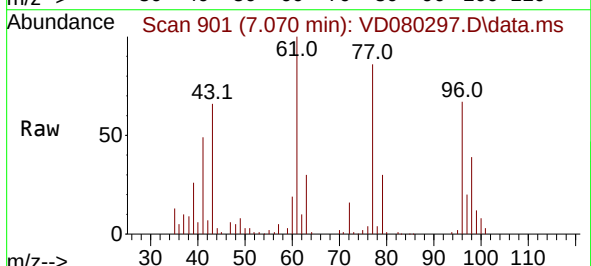
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

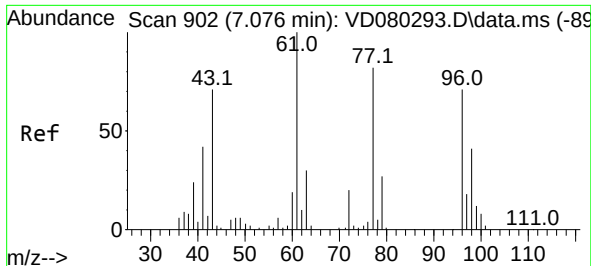
Tgt Ion: 43 Resp: 99493
Ion Ratio Lower Upper
43 100
72 25.5 19.0 28.4



#26
2,2-Dichloropropane
Concen: 44.414 ug/l
RT: 7.070 min Scan# 901
Delta R.T. -0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 77 Resp: 103438
Ion Ratio Lower Upper
77 100
97 25.2 12.0 36.1

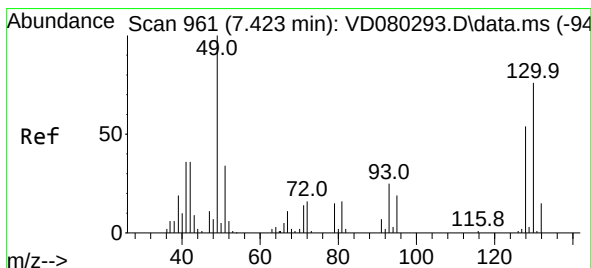
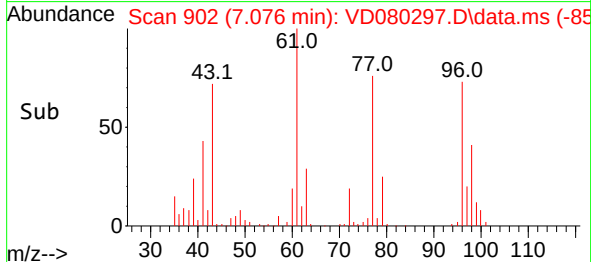
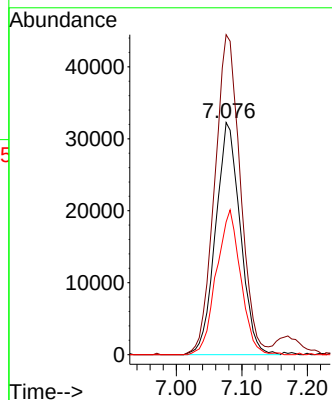
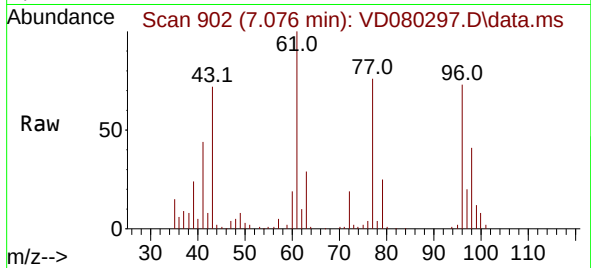




#27
 cis-1,2-Dichloroethene
 Concen: 48.740 ug/l
 RT: 7.076 min Scan# 902
 Delta R.T. -0.000 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

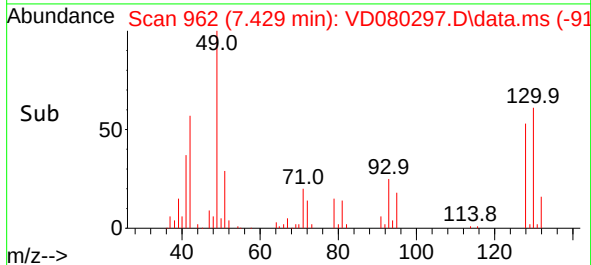
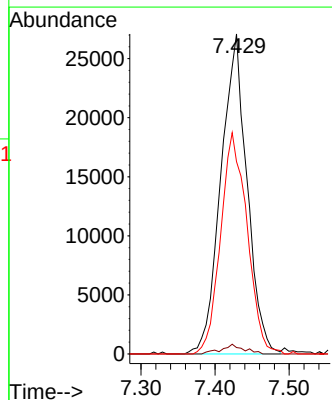
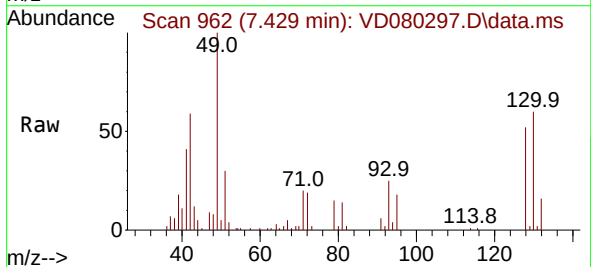
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050625

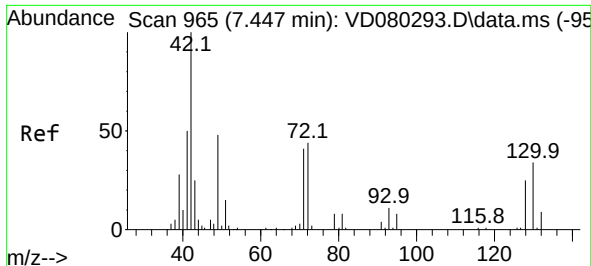
Tgt Ion: 96 Resp: 84223
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 293.8
 98 61.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 48.599 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.006 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

Tgt Ion: 49 Resp: 66229
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.0
 130 70.2 56.0 84.0





#29

Tetrahydrofuran

Concen: 246.746 ug/l

RT: 7.447 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050625

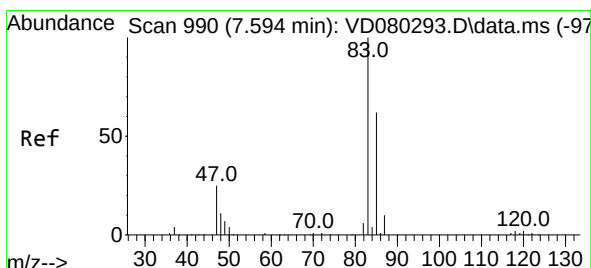
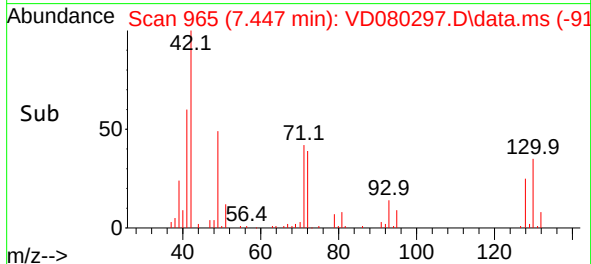
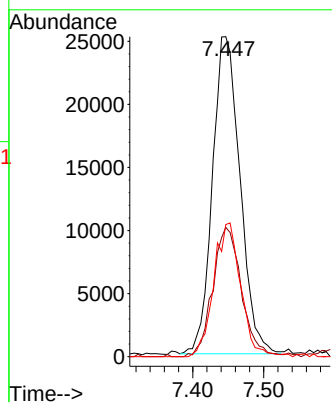
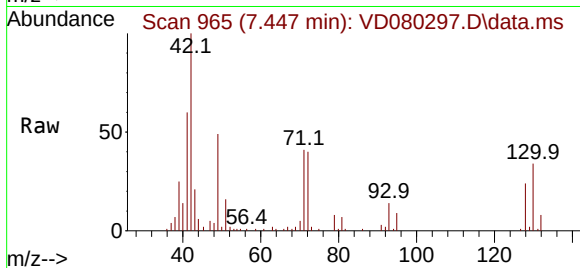
Tgt Ion: 42 Resp: 67873

Ion Ratio Lower Upper

42 100

72 42.3 32.8 49.2

71 41.3 33.8 50.6



#30

Chloroform

Concen: 47.555 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.000 min

Lab File: VD080297.D

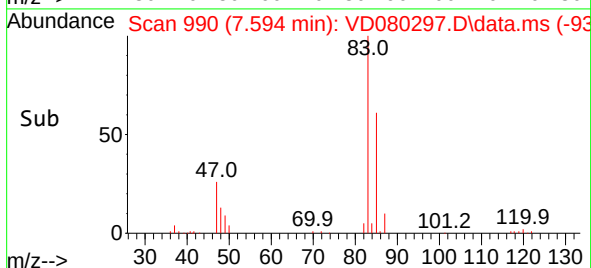
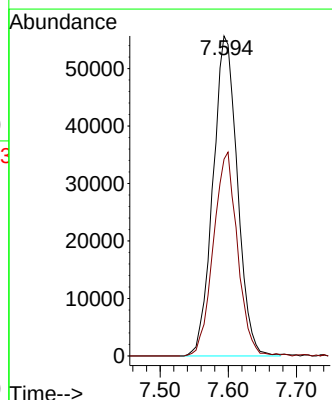
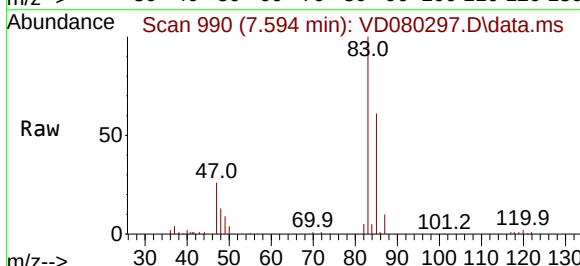
Acq: 06 May 2025 16:43

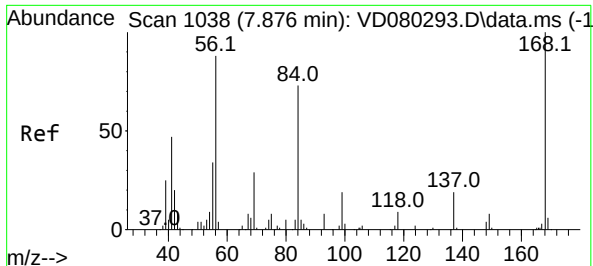
Tgt Ion: 83 Resp: 138801

Ion Ratio Lower Upper

83 100

85 61.5 50.0 75.0





#31

Cyclohexane

Concen: 41.967 ug/l

RT: 7.882 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050625

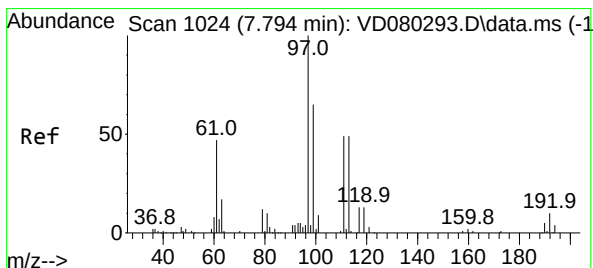
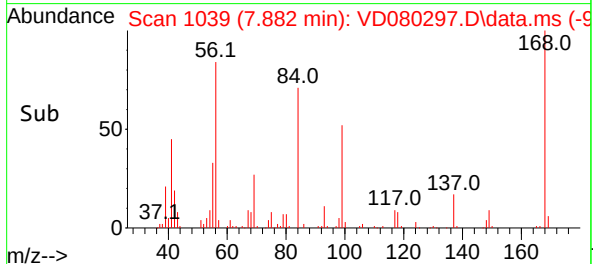
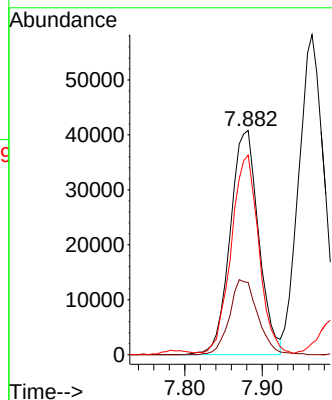
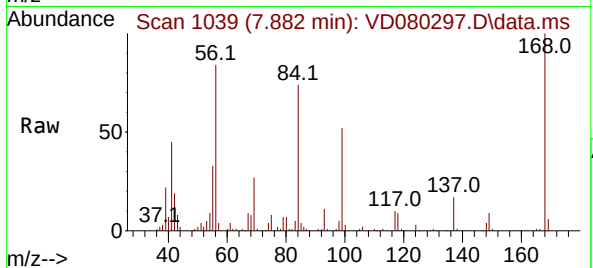
Tgt Ion: 56 Resp: 104540

Ion Ratio Lower Upper

56 100

69 31.6 26.1 39.1

84 87.3 66.5 99.7



#32

1,1,1-Trichloroethane

Concen: 46.513 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

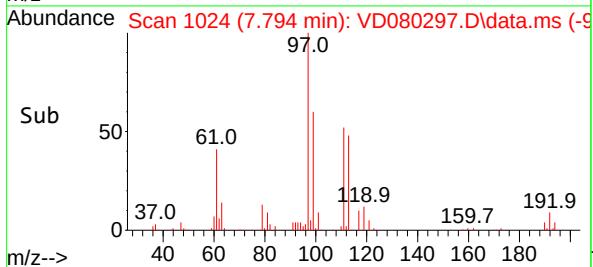
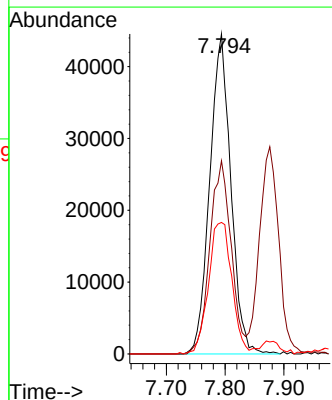
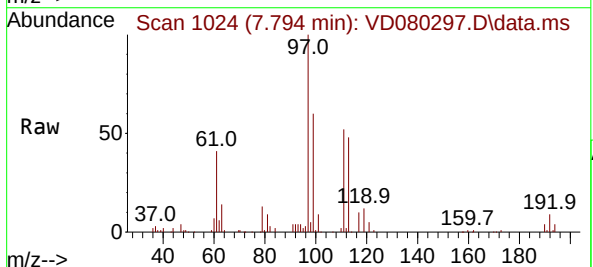
Tgt Ion: 97 Resp: 110760

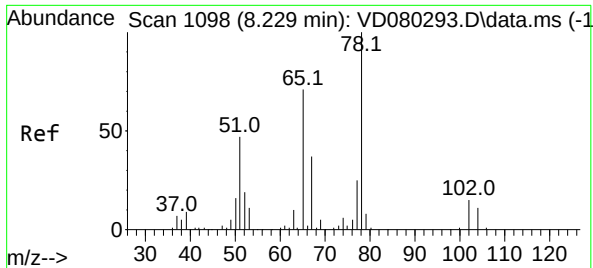
Ion Ratio Lower Upper

97 100

99 61.1 52.4 78.6

61 45.9 37.9 56.9

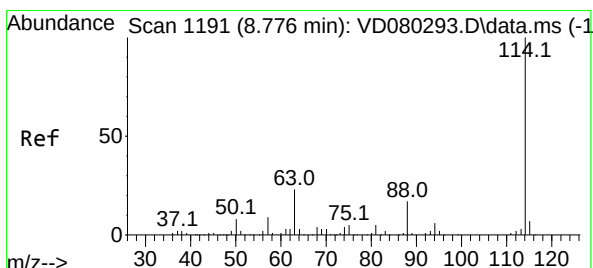
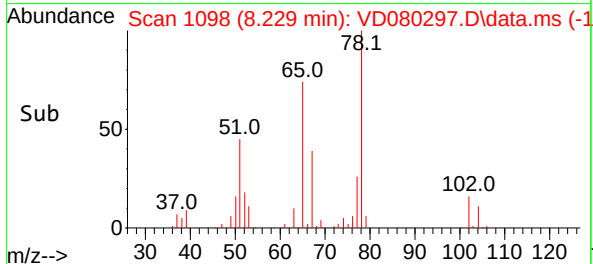
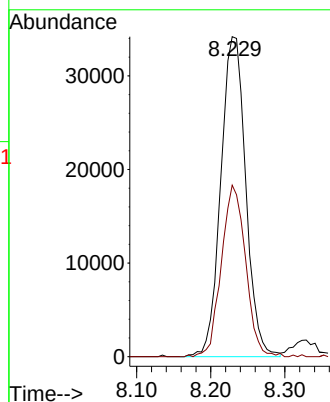
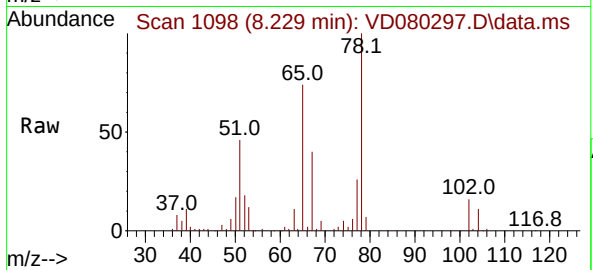




#33
 1,2-Dichloroethane-d4
 Concen: 52.165 ug/l
 RT: 8.229 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

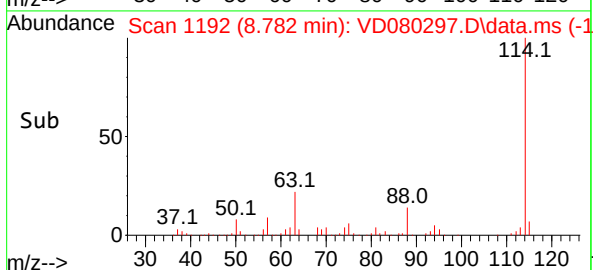
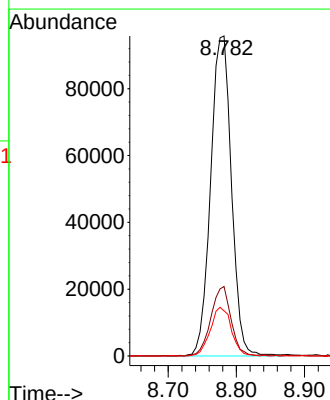
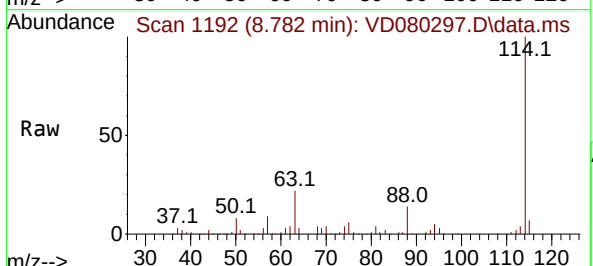
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050625

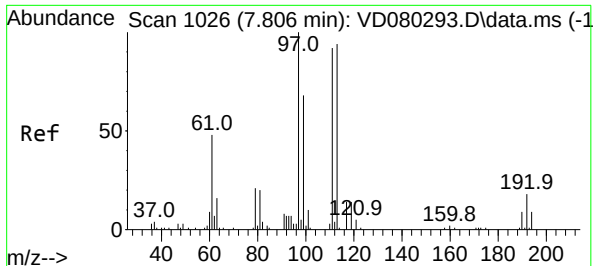
Tgt Ion: 65 Resp: 79985
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.782 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

Tgt Ion: 114 Resp: 203139
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.6
 88 14.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.589 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050625

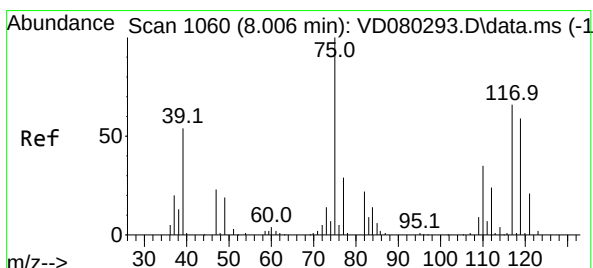
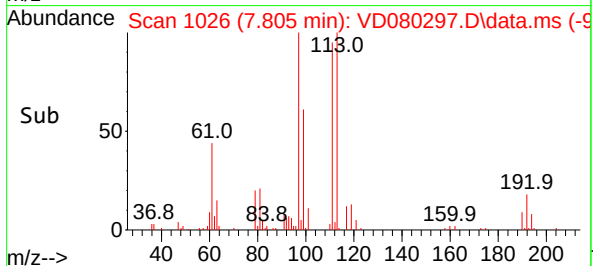
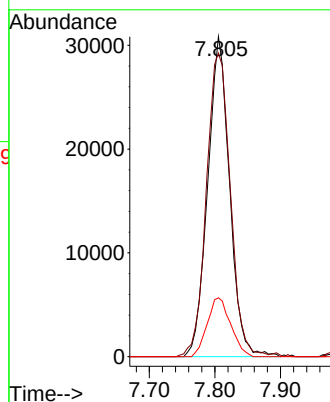
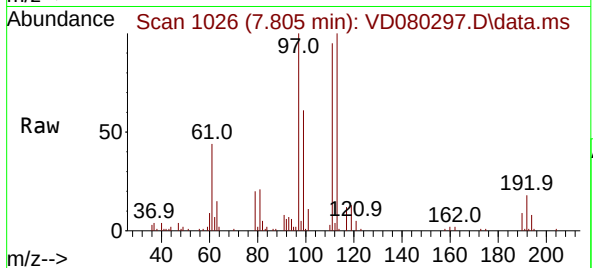
Tgt Ion:113 Resp: 71600

Ion Ratio Lower Upper

113 100

111 103.2 80.7 121.1

192 19.6 15.7 23.5



#36

1,1-Dichloropropene

Concen: 45.987 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

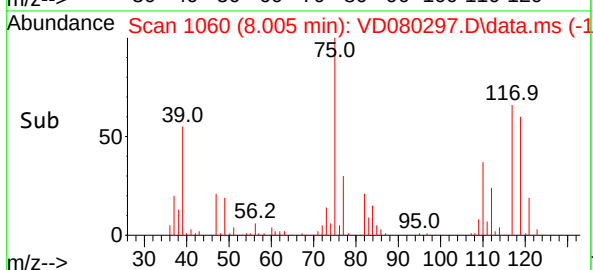
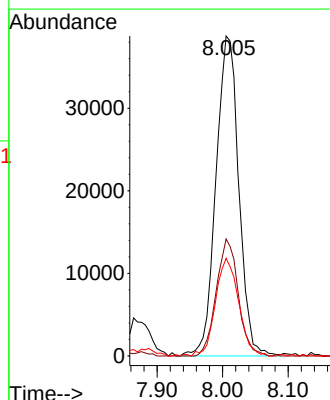
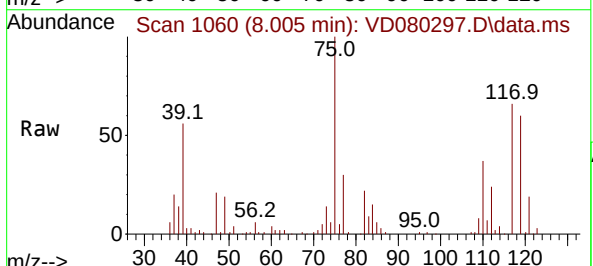
Tgt Ion: 75 Resp: 93576

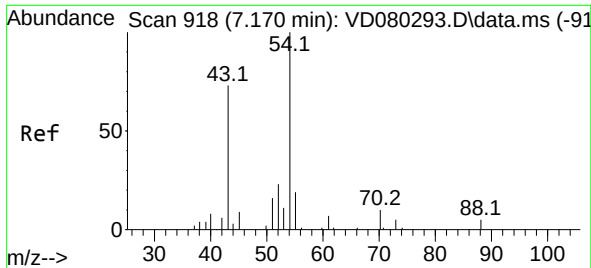
Ion Ratio Lower Upper

75 100

110 35.0 17.1 51.2

77 31.0 24.9 37.3





#37

Ethyl Acetate

Concen: 45.264 ug/l

RT: 7.170 min Scan# 918

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050625

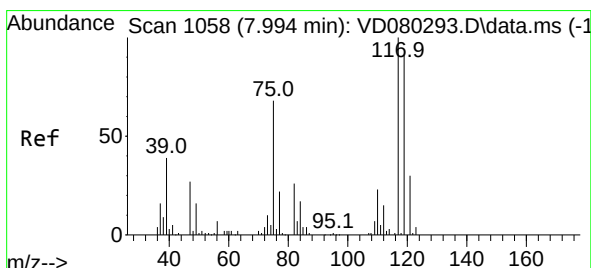
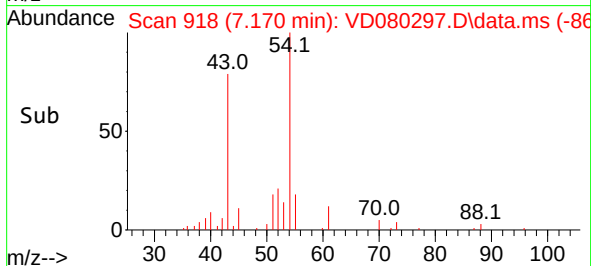
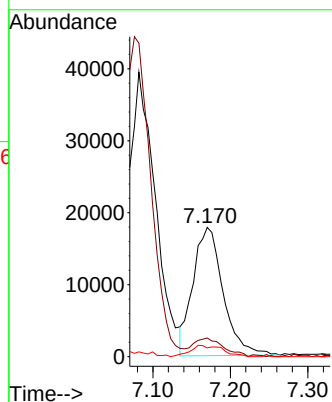
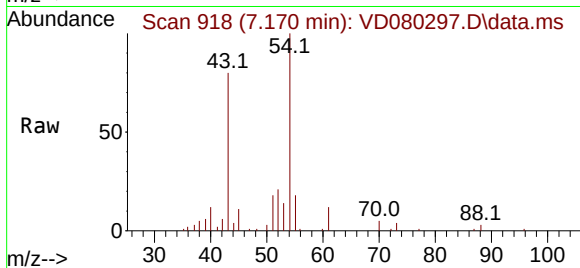
Tgt Ion: 43 Resp: 48162

Ion Ratio Lower Upper

43 100

61 14.5 12.2 18.4

70 9.5 8.7 13.1



#38

Carbon Tetrachloride

Concen: 43.572 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

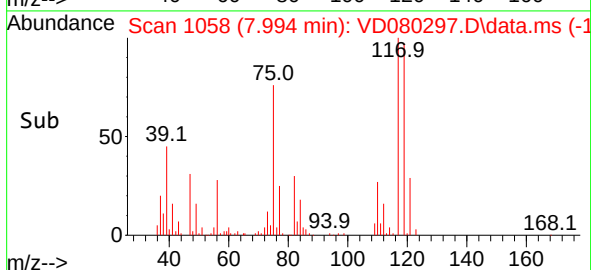
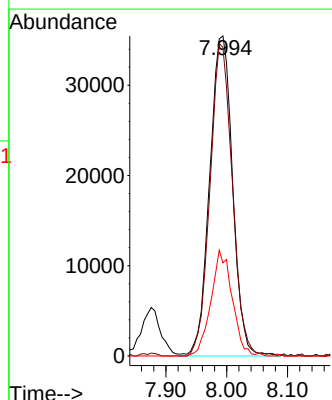
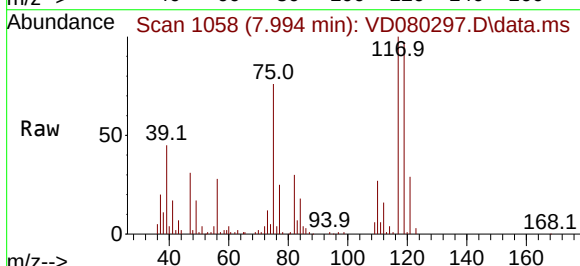
Tgt Ion: 117 Resp: 92465

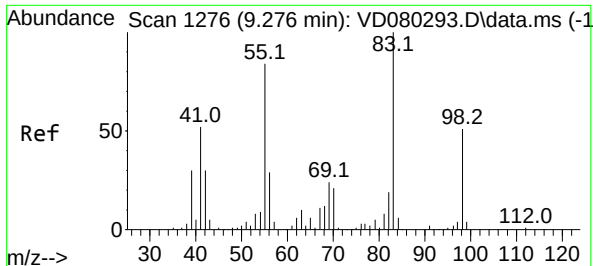
Ion Ratio Lower Upper

117 100

119 96.5 72.7 109.1

121 29.1 24.4 36.6





#39

Methylcyclohexane

Concen: 42.956 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050625

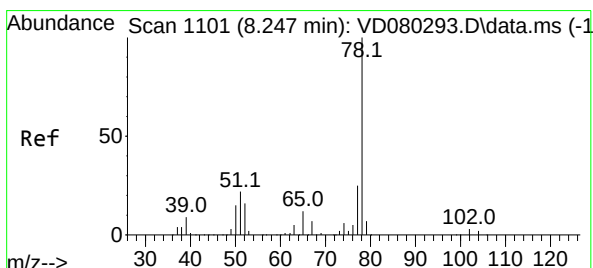
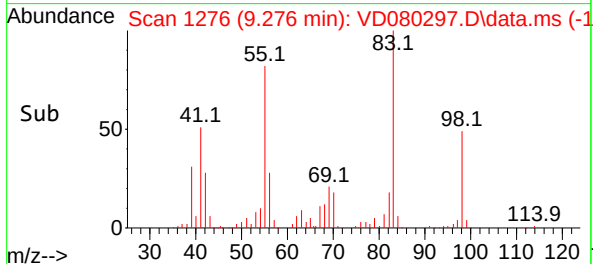
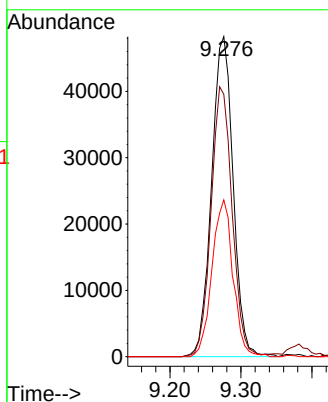
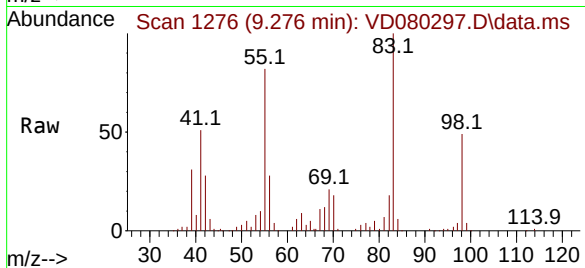
Tgt Ion: 83 Resp: 101426

Ion Ratio Lower Upper

83 100

55 82.0 67.4 101.2

98 49.0 40.6 61.0



#40

Benzene

Concen: 46.567 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VD080297.D

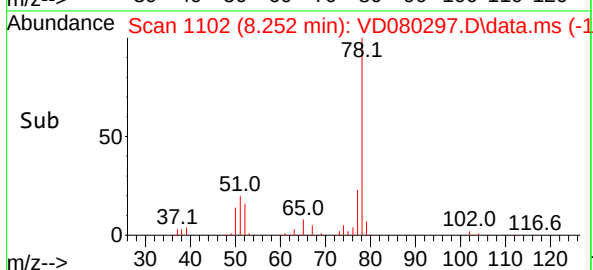
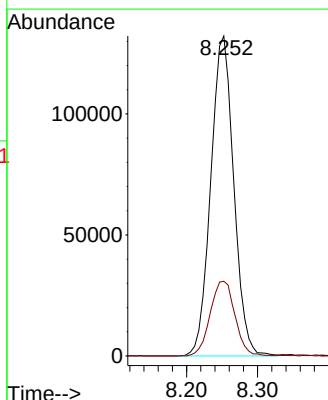
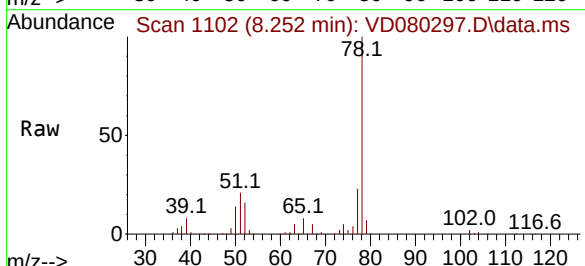
Acq: 06 May 2025 16:43

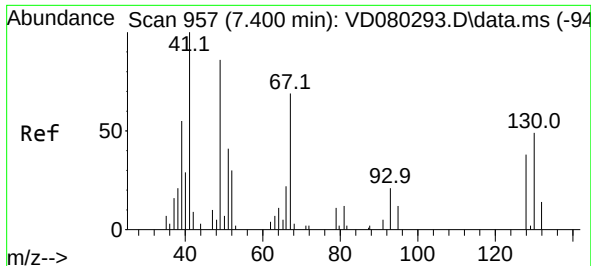
Tgt Ion: 78 Resp: 296898

Ion Ratio Lower Upper

78 100

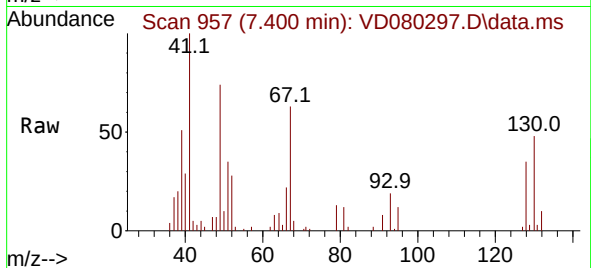
77 23.4 19.8 29.8





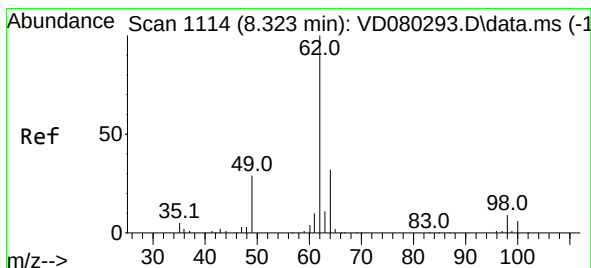
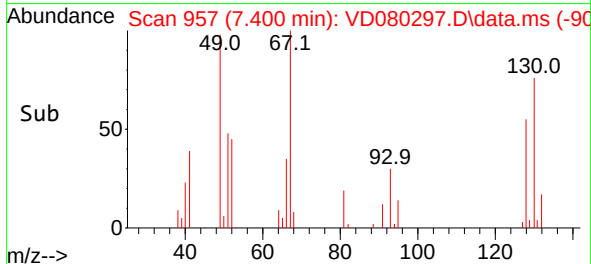
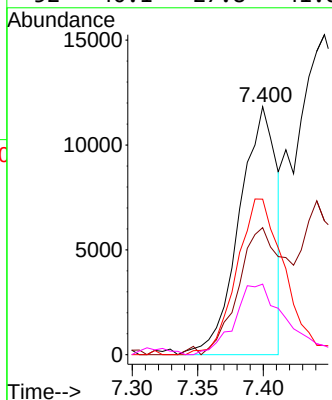
#41
Methacrylonitrile
Concen: 39.740 ug/l
RT: 7.400 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625



Tgt Ion: 41 Resp: 23400

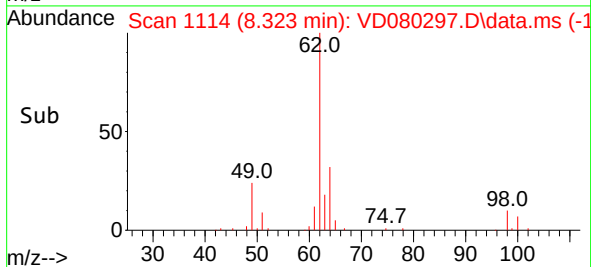
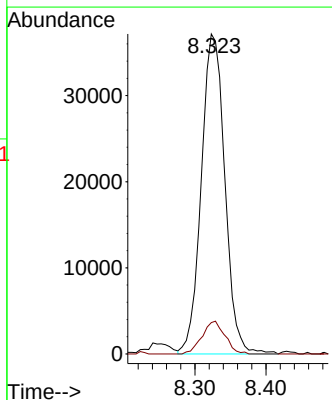
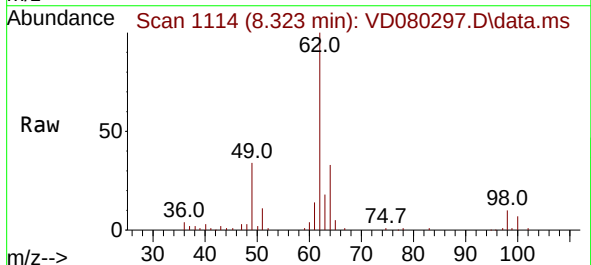
Ion	Ratio	Lower	Upper
41	100		
39	65.6	44.4	66.6
67	82.1	57.1	85.7
52	40.1	27.8	41.8

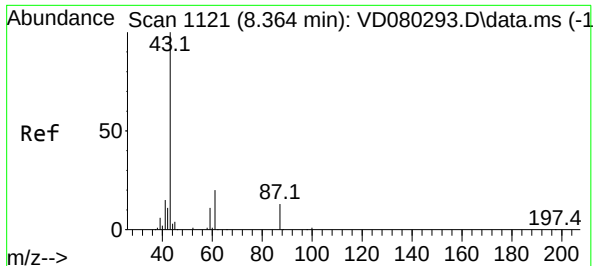


#42
1,2-Dichloroethane
Concen: 46.402 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 62 Resp: 85727

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 47.388 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. -0.006 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050625

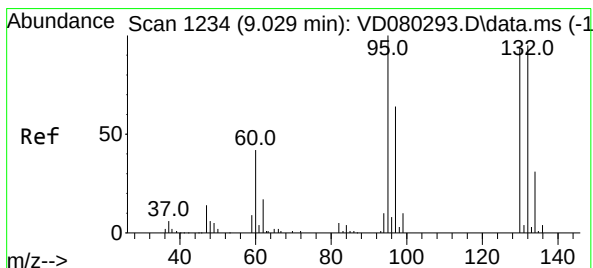
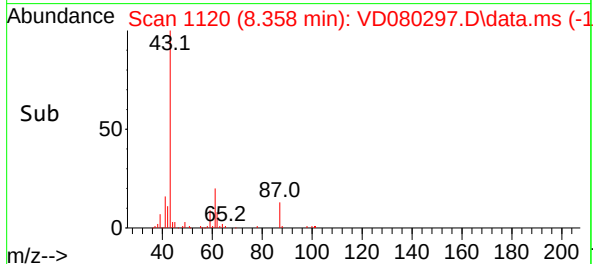
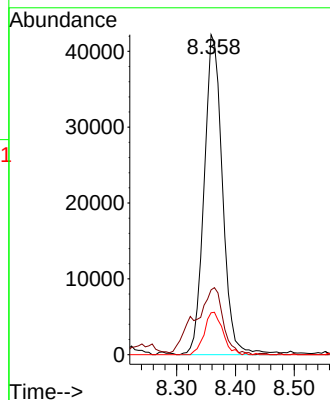
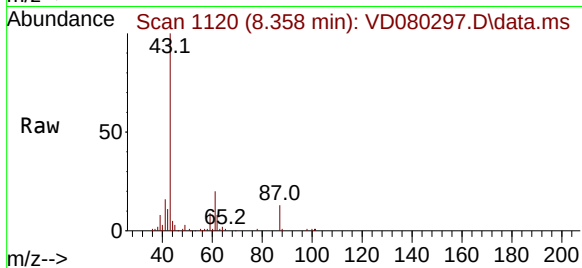
Tgt Ion: 43 Resp: 91434

Ion Ratio Lower Upper

43 100

61 32.1 16.7 25.1#

87 13.4 10.4 15.6



#44

Trichloroethene

Concen: 45.738 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VD080297.D

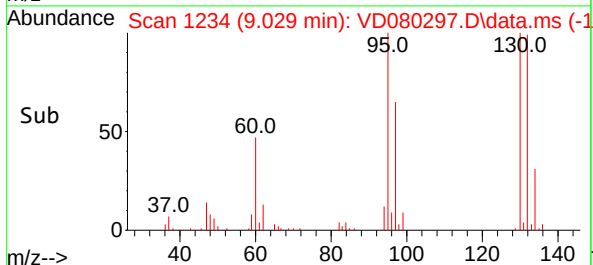
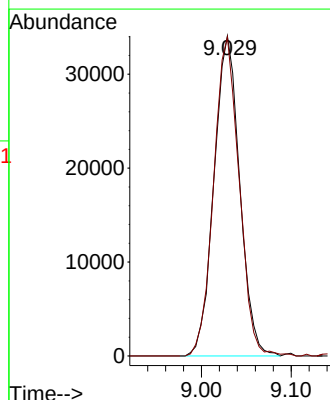
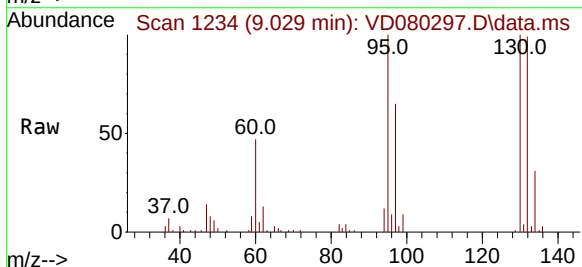
Acq: 06 May 2025 16:43

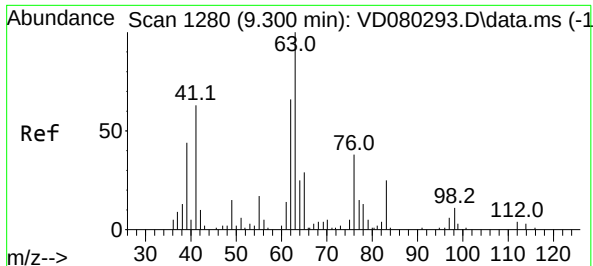
Tgt Ion:130 Resp: 67692

Ion Ratio Lower Upper

130 100

95 99.7 0.0 212.2





#45

1,2-Dichloropropane

Concen: 47.814 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

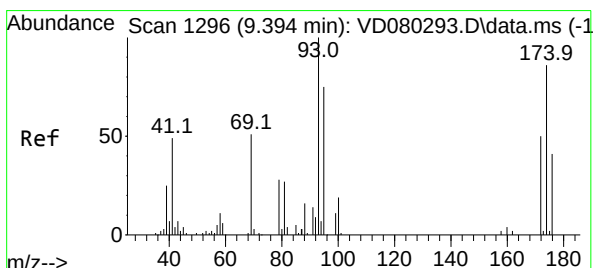
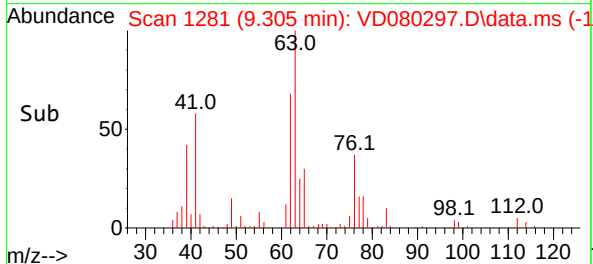
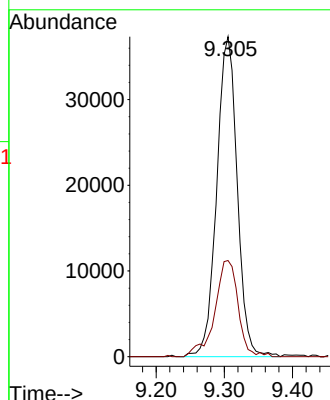
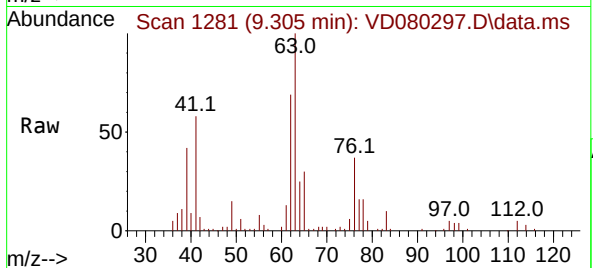
ICVVD050625

Tgt Ion: 63 Resp: 78183

Ion Ratio Lower Upper

63 100

65 30.0 22.9 34.3



#46

Dibromomethane

Concen: 48.605 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

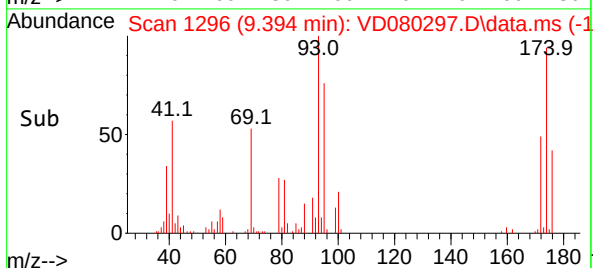
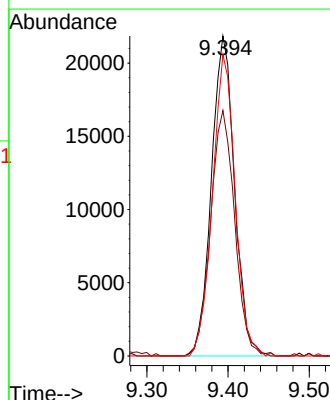
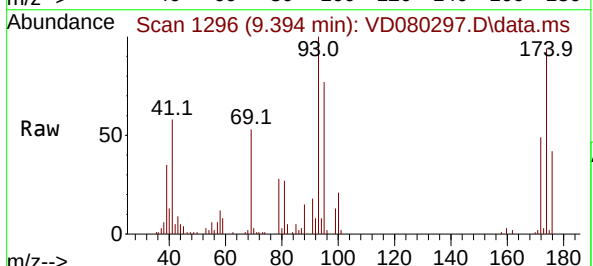
Tgt Ion: 93 Resp: 43272

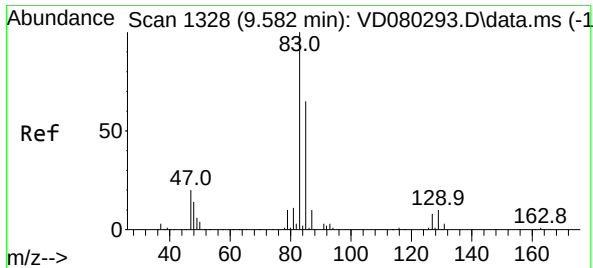
Ion Ratio Lower Upper

93 100

95 79.7 67.3 100.9

174 92.6 75.5 113.3

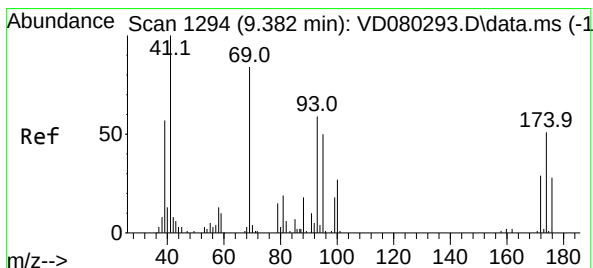
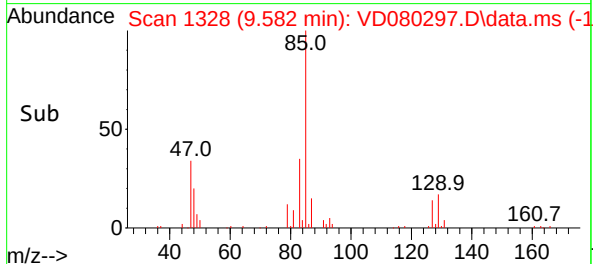
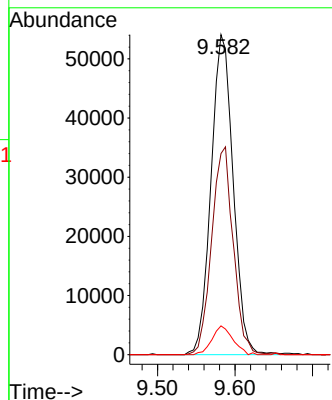
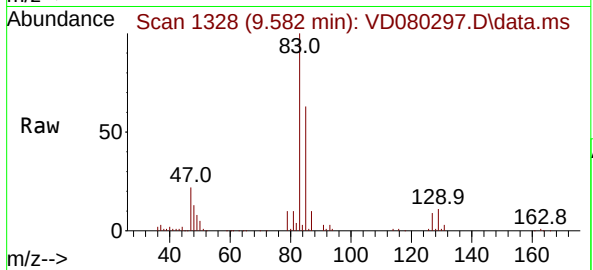




#47
Bromodichloromethane
Concen: 47.399 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

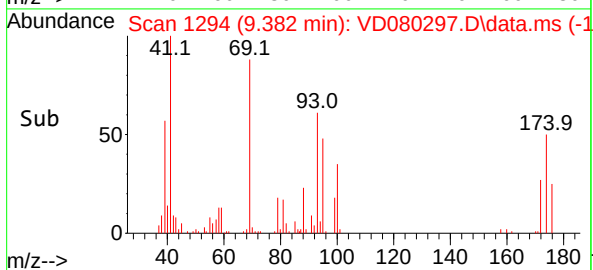
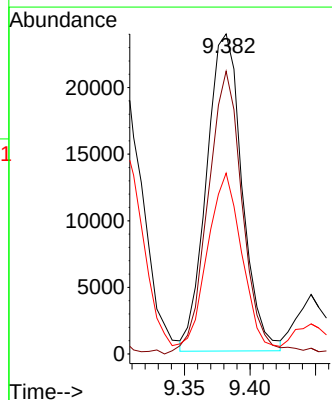
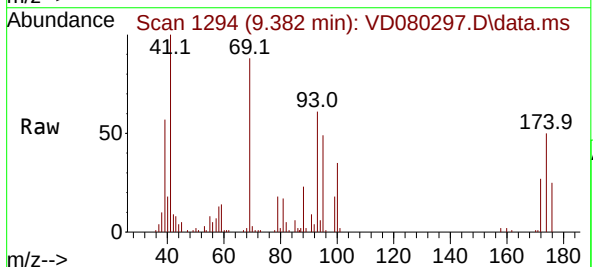
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

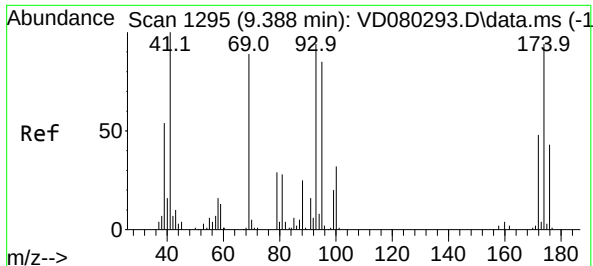
Tgt Ion: 83 Resp: 107105
Ion Ratio Lower Upper
83 100
85 62.9 51.7 77.5
127 9.0 6.6 9.8



#48
Methyl methacrylate
Concen: 49.035 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 41 Resp: 44954
Ion Ratio Lower Upper
41 100
69 87.7 67.8 101.8
39 57.3 47.5 71.3





#49

1,4-Dioxane

Concen: 1017.706 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050625

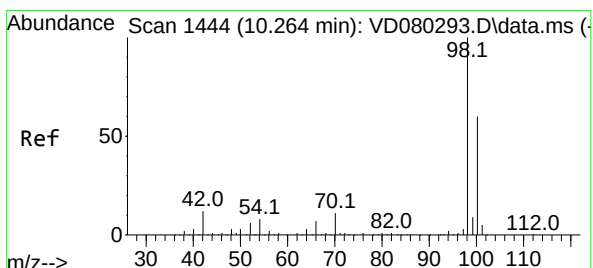
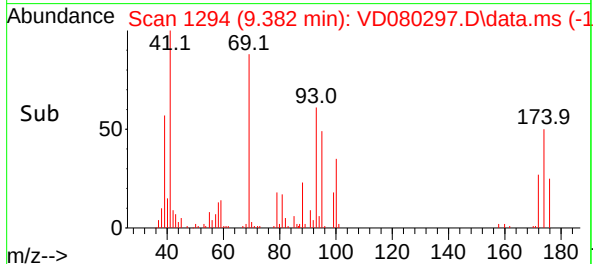
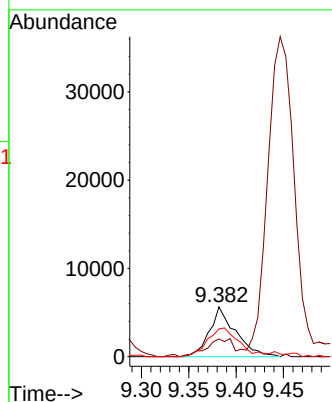
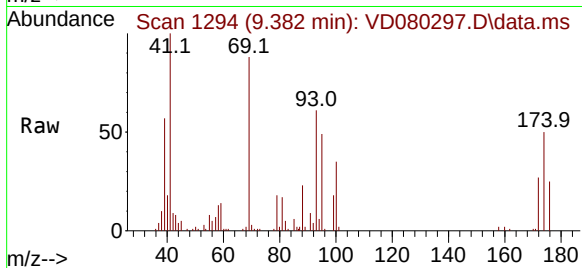
Tgt Ion: 88 Resp: 10772

Ion Ratio Lower Upper

88 100

43 40.6 31.4 47.2

58 70.7 61.8 92.6



#50

Toluene-d8

Concen: 51.808 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VD080297.D

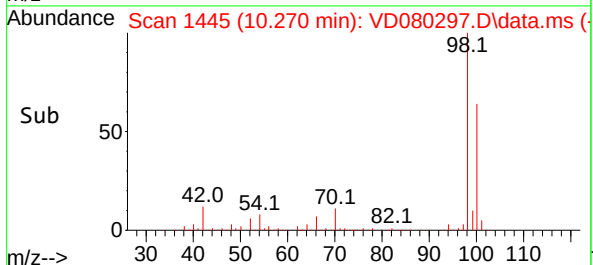
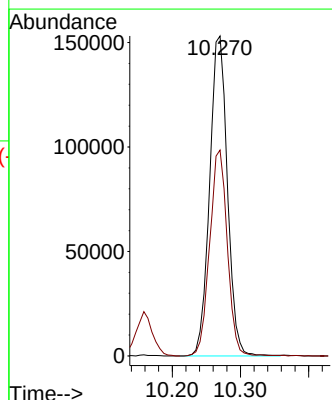
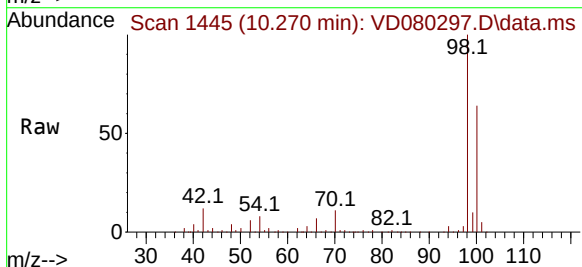
Acq: 06 May 2025 16:43

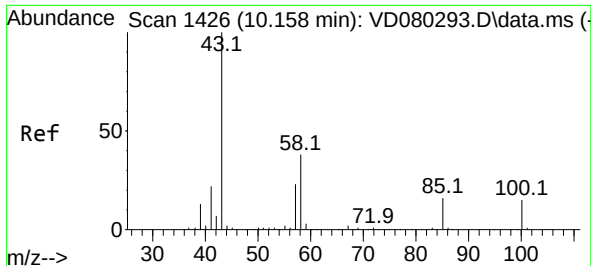
Tgt Ion: 98 Resp: 277923

Ion Ratio Lower Upper

98 100

100 63.9 50.0 75.0

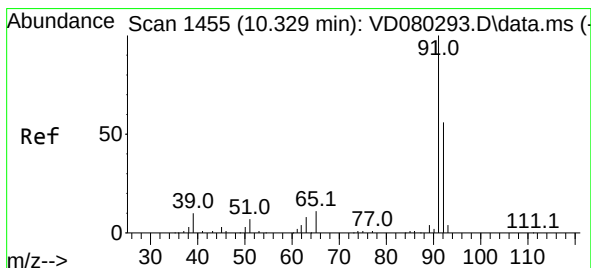
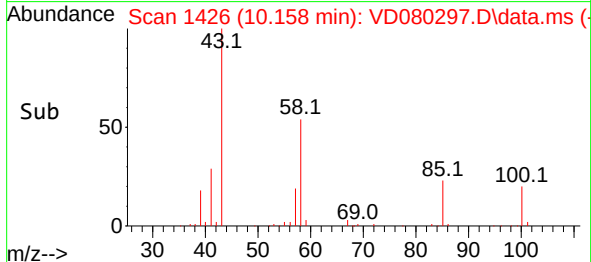
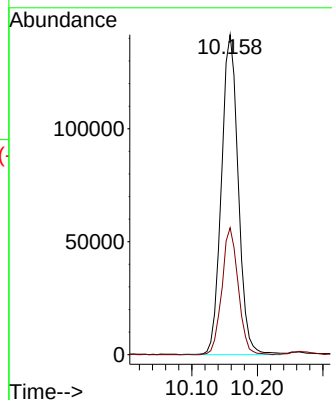
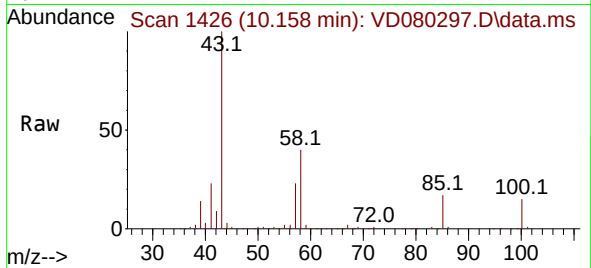




#51
4-Methyl-2-Pentanone
Concen: 253.309 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

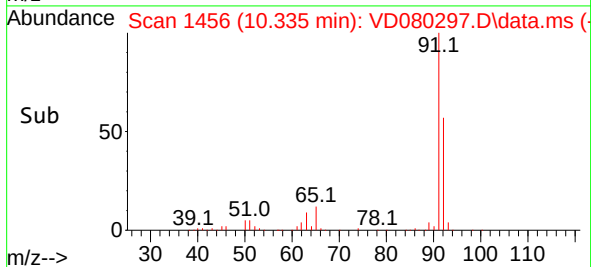
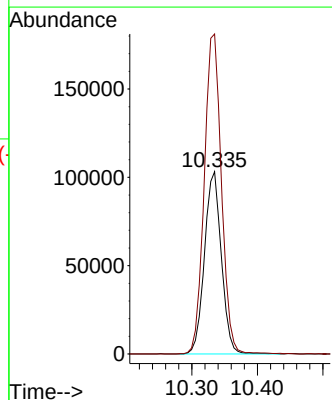
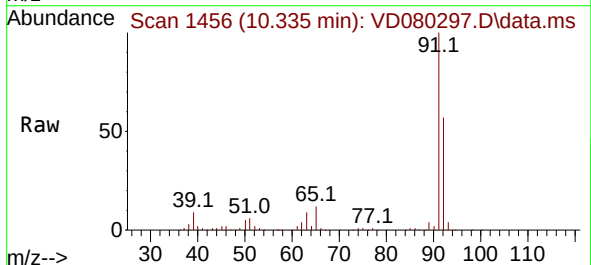
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

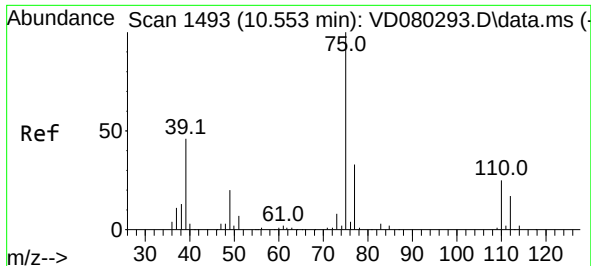
Tgt Ion: 43 Resp: 251827
Ion Ratio Lower Upper
43 100
58 38.3 30.6 46.0



#52
Toluene
Concen: 48.083 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 92 Resp: 184689
Ion Ratio Lower Upper
92 100
91 179.4 143.4 215.2

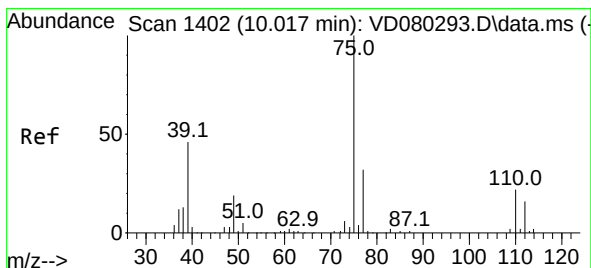
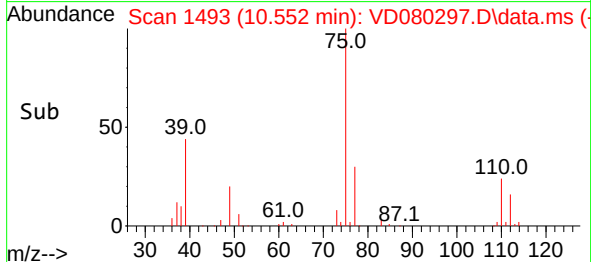
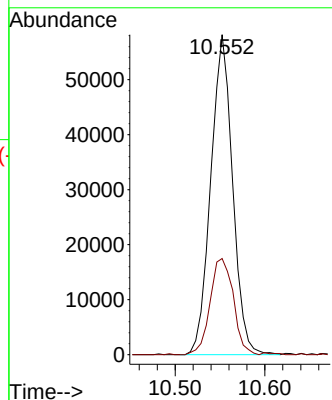
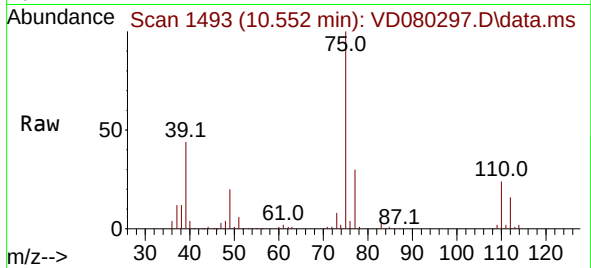




#53
t-1,3-Dichloropropene
Concen: 47.662 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

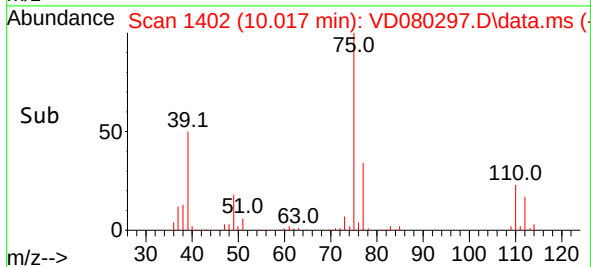
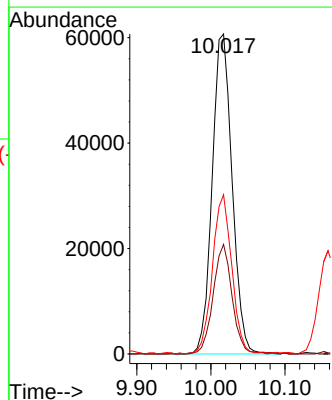
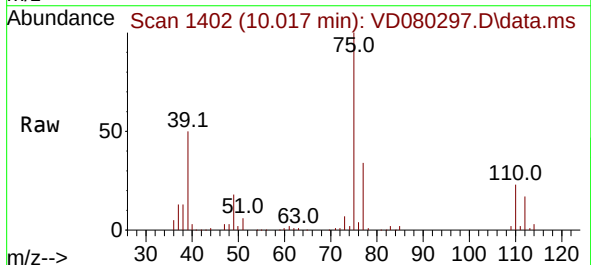
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

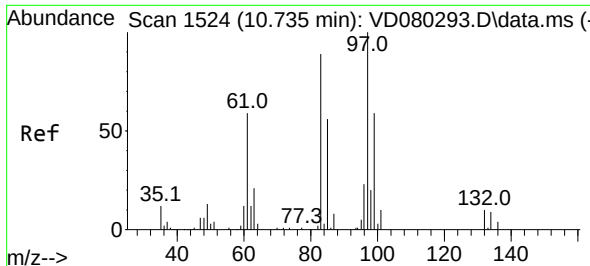
Tgt Ion: 75 Resp: 98185
Ion Ratio Lower Upper
75 100
77 30.1 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 47.491 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 75 Resp: 113369
Ion Ratio Lower Upper
75 100
77 34.3 25.8 38.6
39 49.4 37.0 55.6

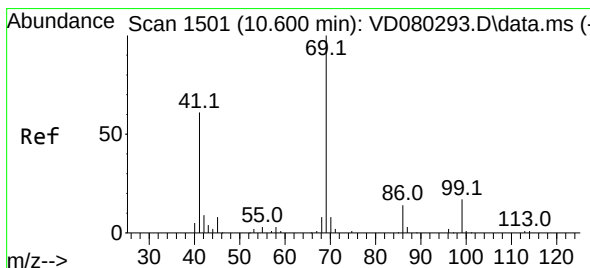
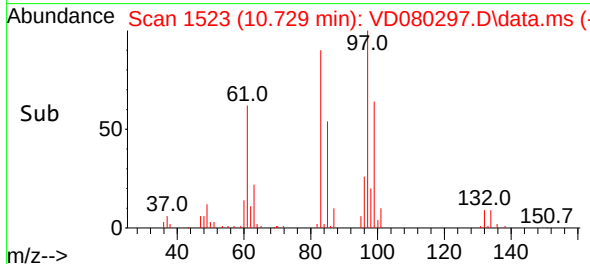
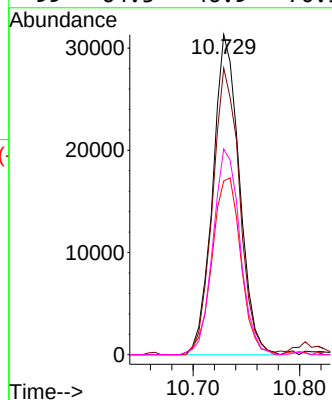
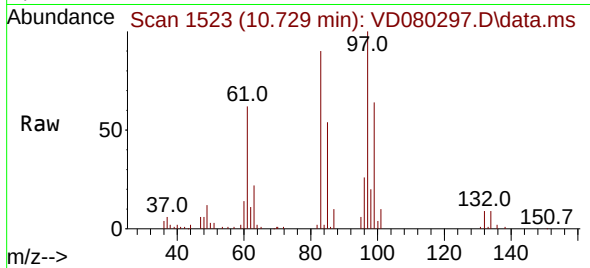




#55
1,1,2-Trichloroethane
Concen: 46.116 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

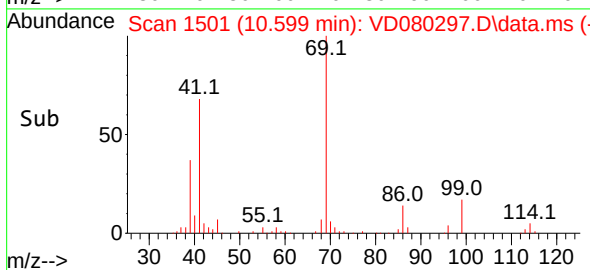
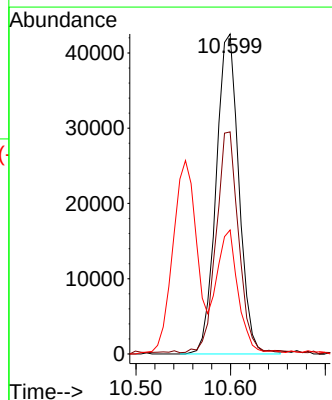
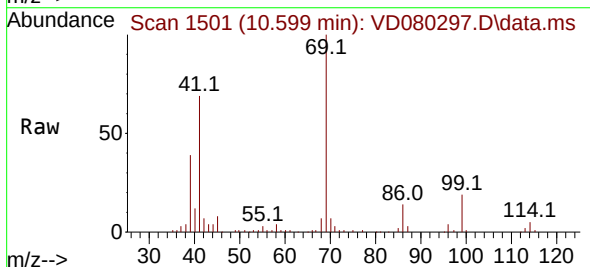
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

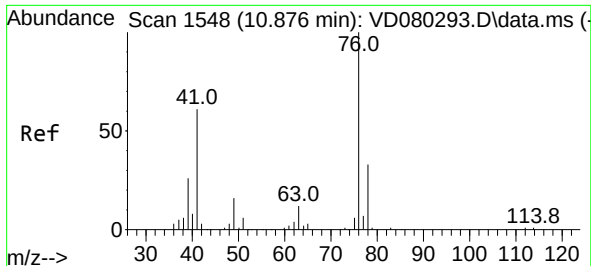
Tgt Ion: 97	Resp: 54307
Ion Ratio	Lower Upper
97 100	
83 89.6	71.0 106.4
85 54.3	44.9 67.3
99 64.3	46.9 70.3



#56
Ethyl methacrylate
Concen: 49.734 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 69	Resp: 70970
Ion Ratio	Lower Upper
69 100	
41 67.6	53.2 79.8
39 36.0	28.2 42.2

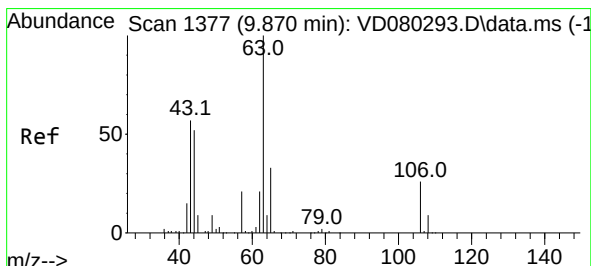
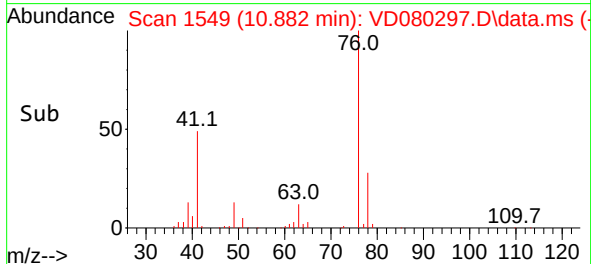
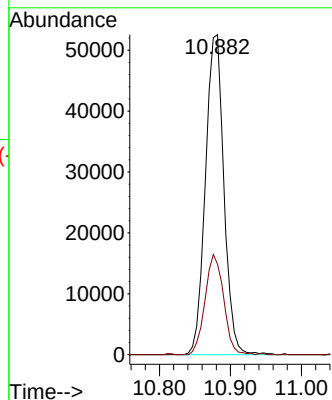
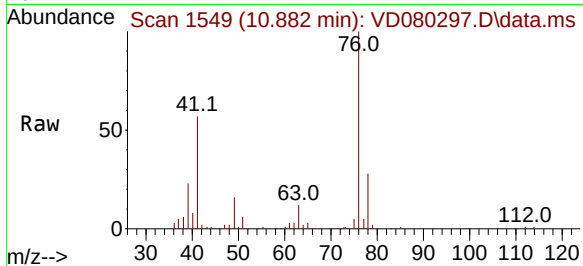




#57
1,3-Dichloropropane
Concen: 48.588 ug/l
RT: 10.882 min Scan# 1549
Delta R.T. 0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

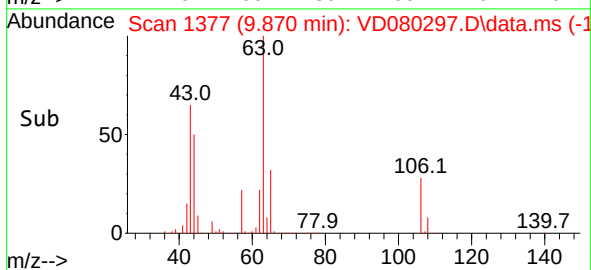
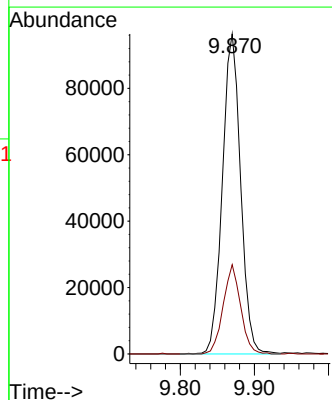
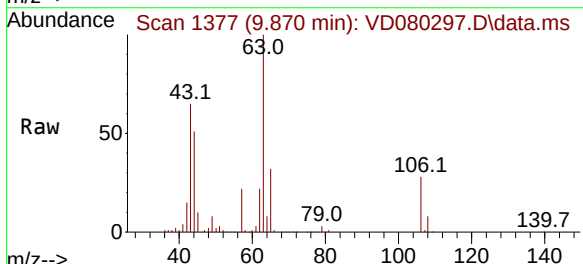
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

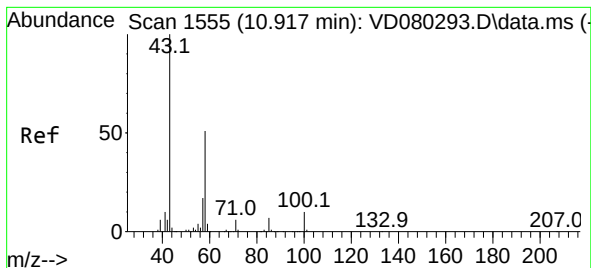
Tgt Ion: 76 Resp: 95096
Ion Ratio Lower Upper
76 100
78 31.5 27.2 40.8



#58
2-Chloroethyl Vinyl ether
Concen: 282.016 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 63 Resp: 164692
Ion Ratio Lower Upper
63 100
106 26.6 20.8 31.2

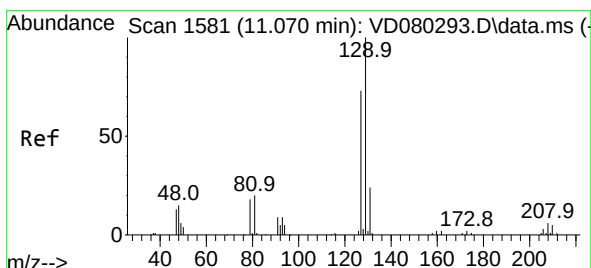
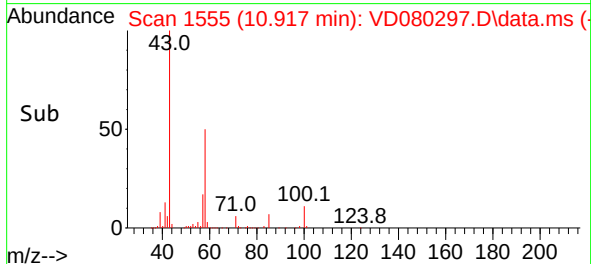
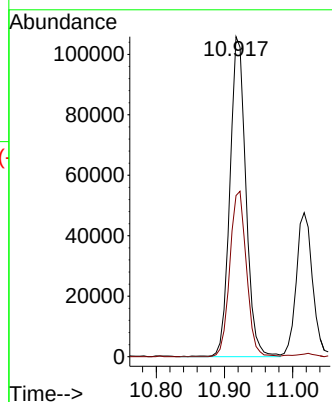
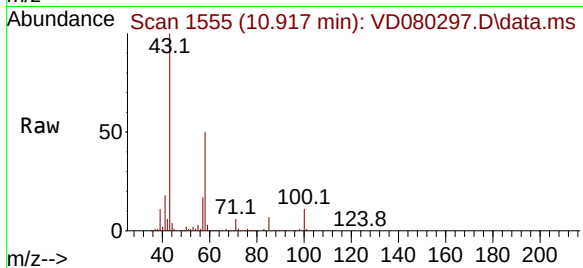




#59
2-Hexanone
Concen: 252.611 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

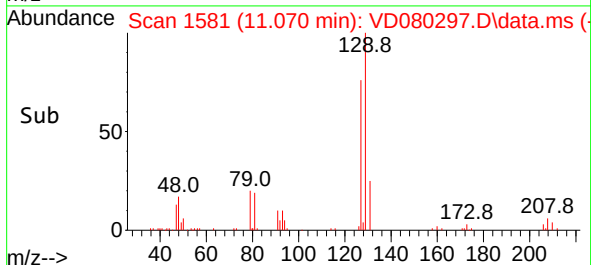
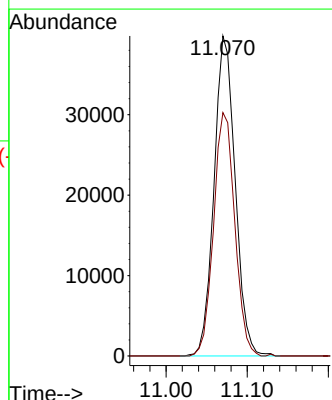
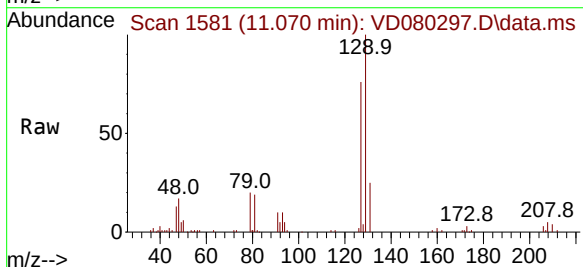
Instrument : MSVOA_D
ClientSampleId : ICVVD050625

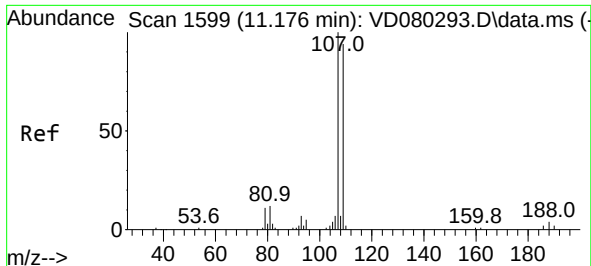
Tgt Ion: 43 Resp: 172755
Ion Ratio Lower Upper
43 100
58 53.7 26.3 78.9



#60
Dibromochloromethane
Concen: 48.844 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion:129 Resp: 72084
Ion Ratio Lower Upper
129 100
127 76.1 37.6 112.8

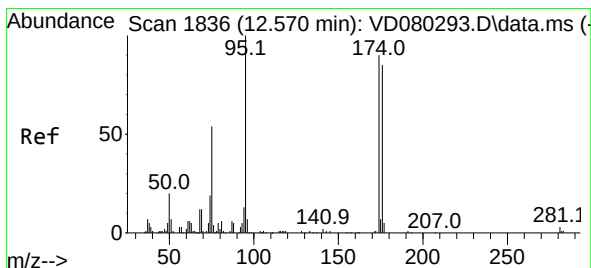
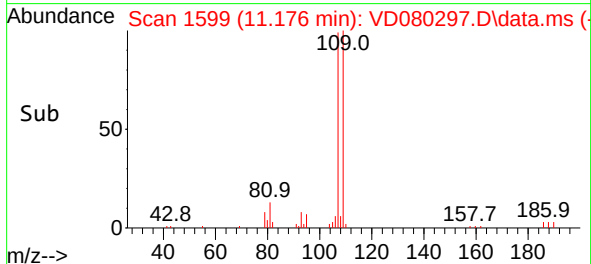
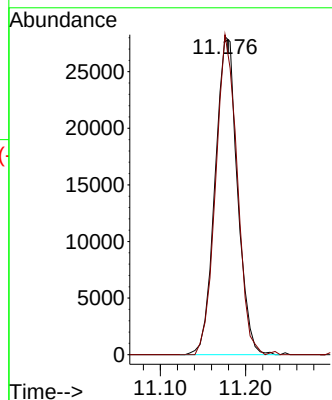
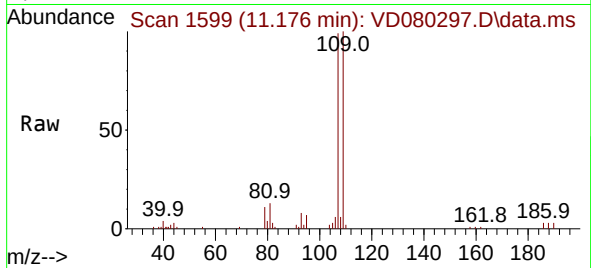




#61
1,2-Dibromoethane
Concen: 46.857 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

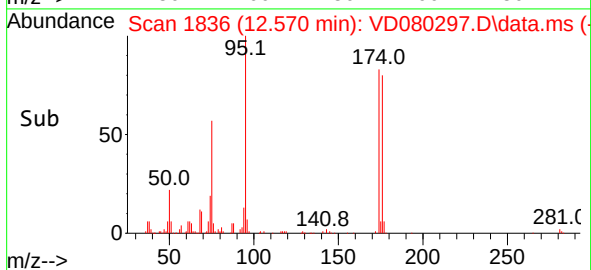
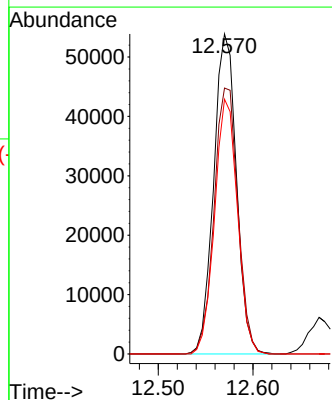
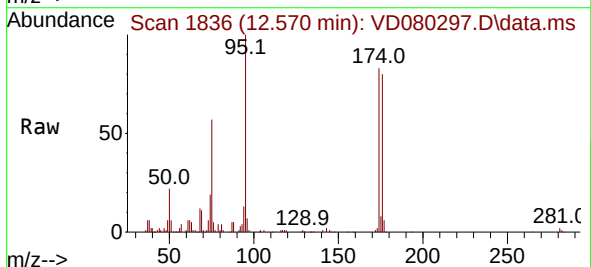
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

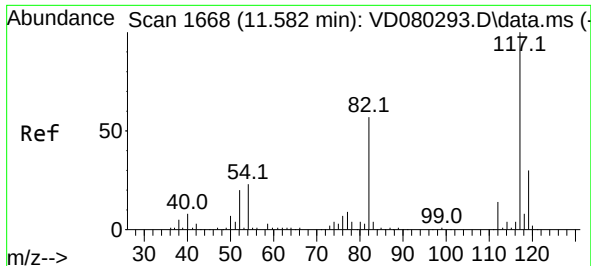
Tgt Ion:107 Resp: 51167
Ion Ratio Lower Upper
107 100
109 96.8 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 52.232 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 95 Resp: 89935
Ion Ratio Lower Upper
95 100
174 87.0 0.0 170.0
176 80.2 0.0 167.8

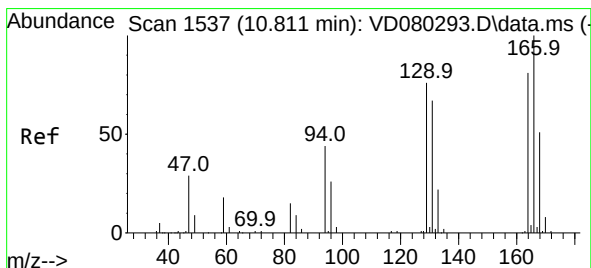
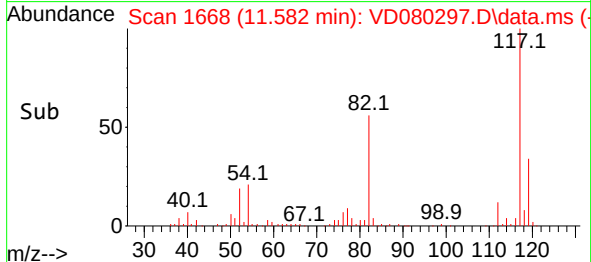
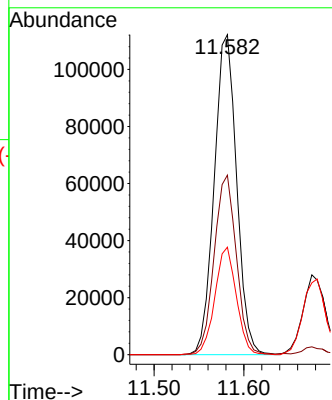
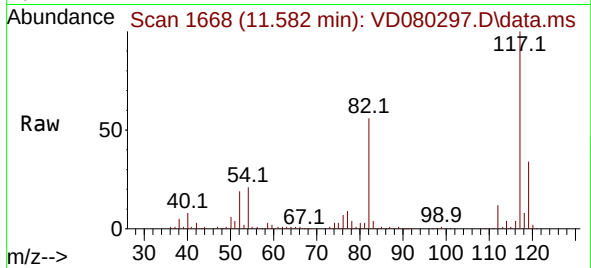




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

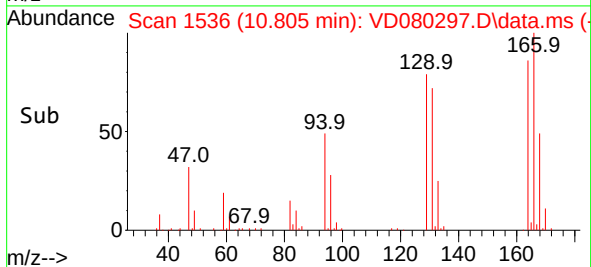
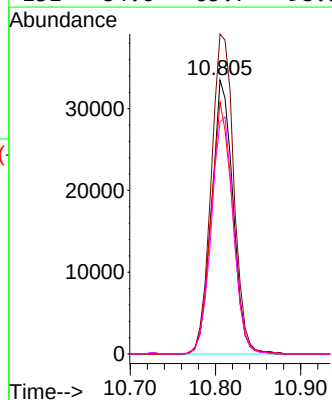
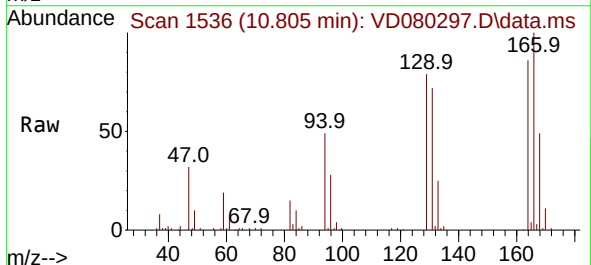
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

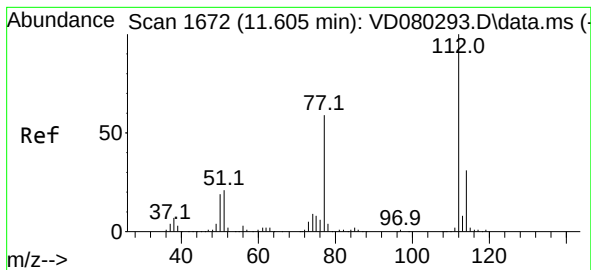
Tgt Ion:117 Resp: 194714
Ion Ratio Lower Upper
117 100
82 56.1 45.5 68.3
119 33.6 24.0 36.0



#64
Tetrachloroethene
Concen: 44.389 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion:164 Resp: 58530
Ion Ratio Lower Upper
164 100
166 116.8 98.2 147.2
129 92.0 74.6 111.8
131 84.6 65.7 98.5

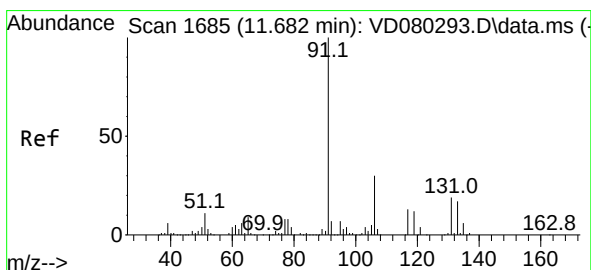
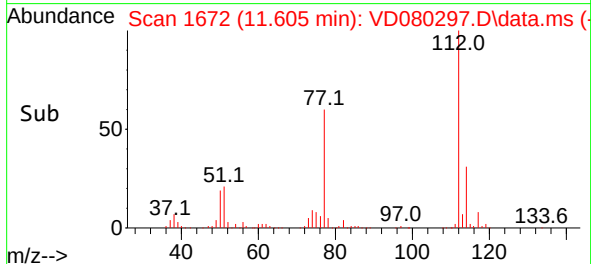
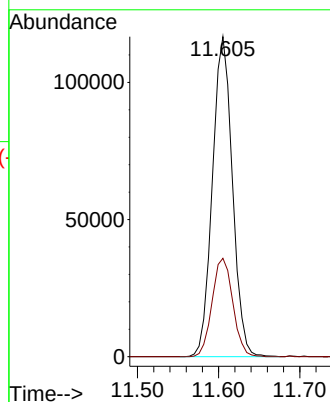
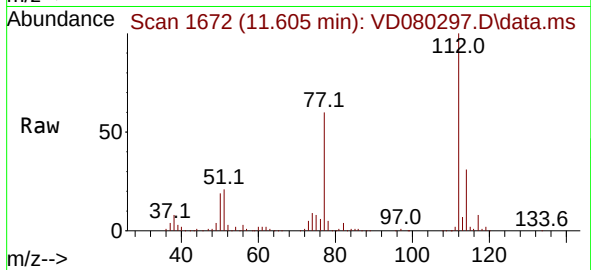




#65
Chlorobenzene
Concen: 45.411 ug/l
RT: 11.605 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

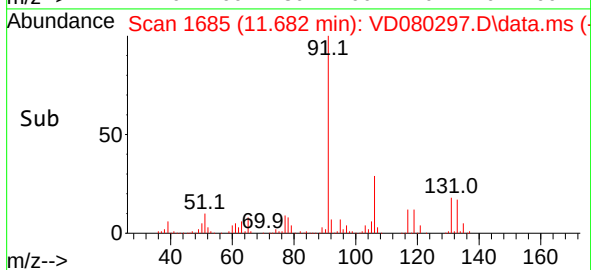
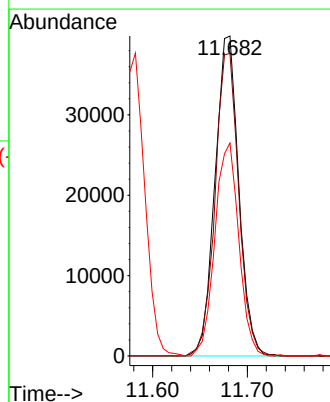
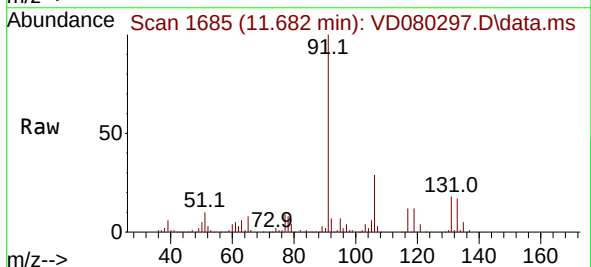
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

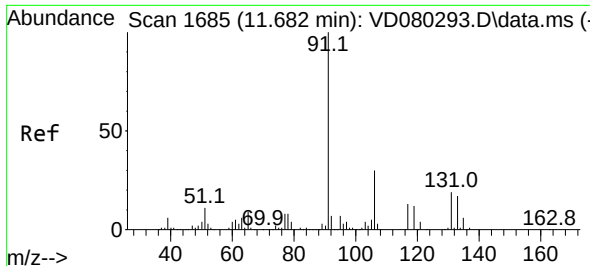
Tgt Ion:112 Resp: 199654
Ion Ratio Lower Upper
112 100
114 30.8 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 45.976 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion:131 Resp: 69446
Ion Ratio Lower Upper
131 100
133 94.7 46.8 140.3
119 67.1 33.1 99.2

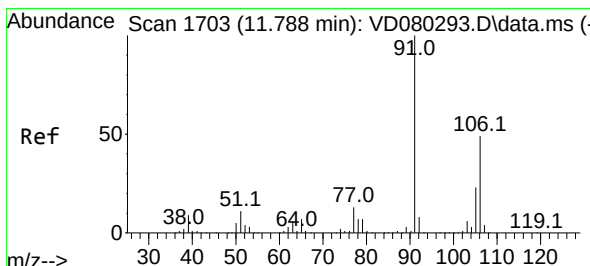
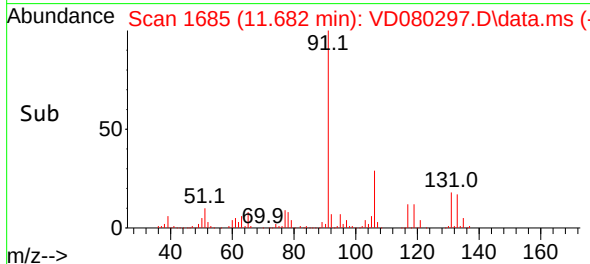
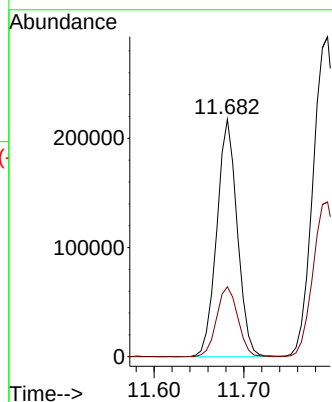
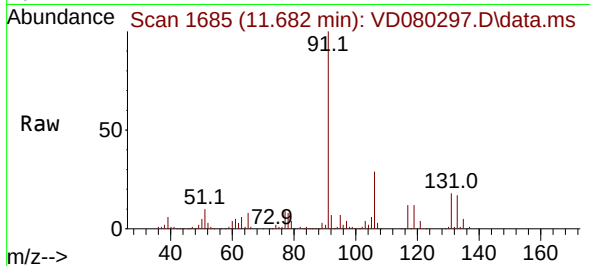




#67
Ethyl Benzene
Concen: 46.906 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

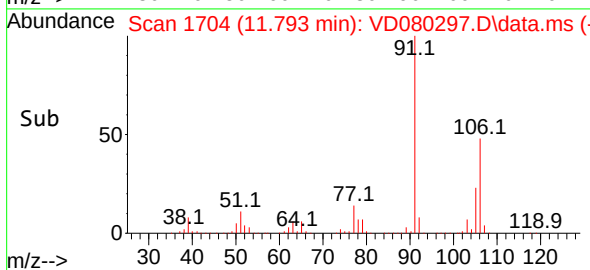
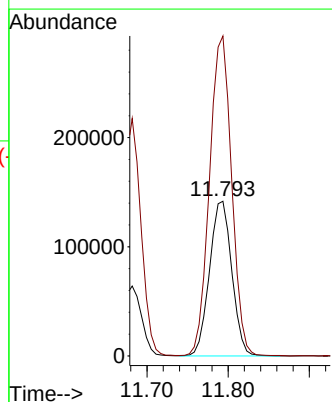
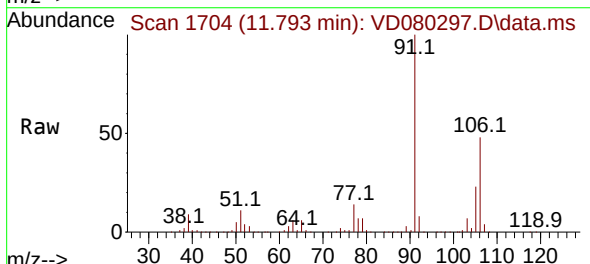
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

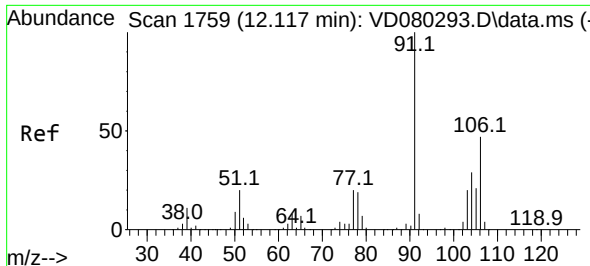
Tgt Ion: 91 Resp: 344626
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9



#68
m/p-Xylenes
Concen: 94.775 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 106 Resp: 270374
Ion Ratio Lower Upper
106 100
91 205.3 164.1 246.1

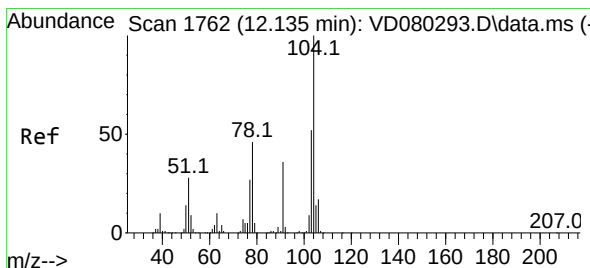
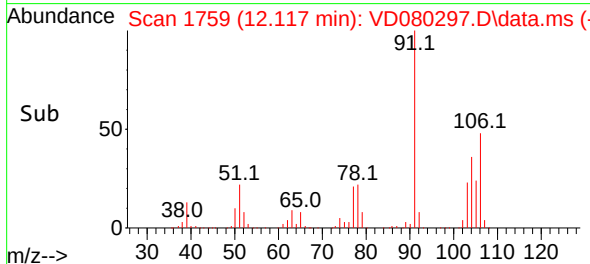
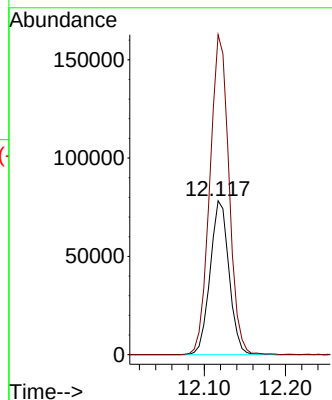
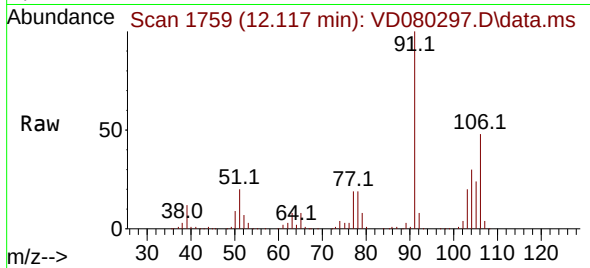




#69
o-Xylene
Concen: 48.445 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

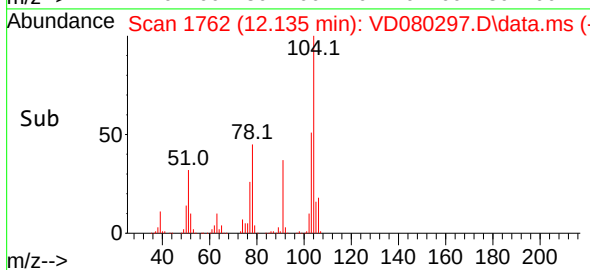
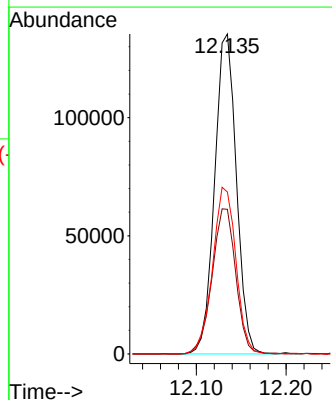
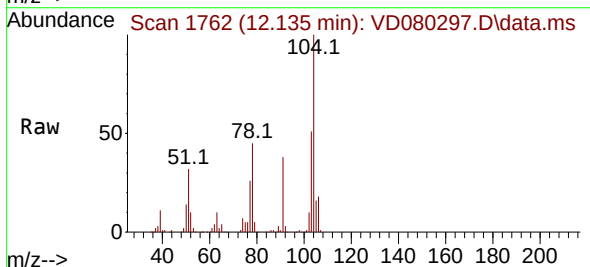
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

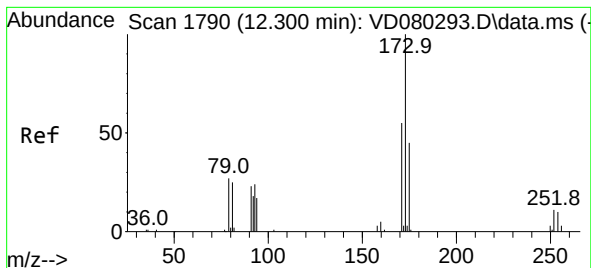
Tgt Ion:106 Resp: 126290
Ion Ratio Lower Upper
106 100
91 211.3 109.3 328.1



#70
Styrene
Concen: 48.751 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion:104 Resp: 228204
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.6
103 55.9 44.2 66.4





#71

Bromoform

Concen: 45.753 ug/l

RT: 12.299 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050625

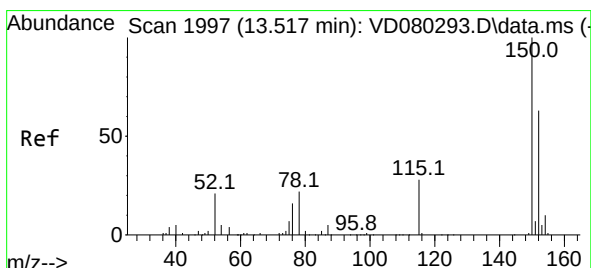
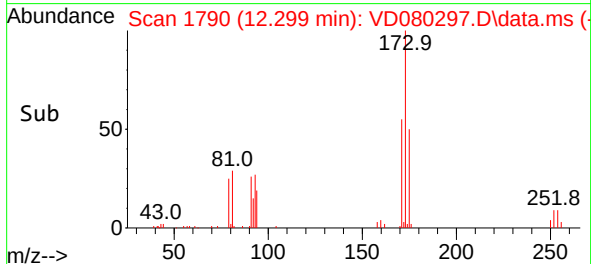
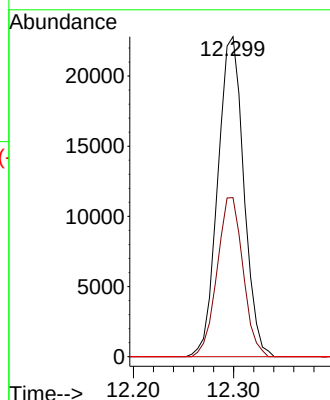
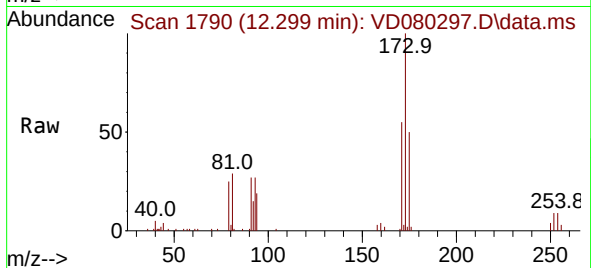
Tgt Ion:173 Resp: 41060

Ion Ratio Lower Upper

173 100

175 49.6 23.8 71.2

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: VD080297.D

Acq: 06 May 2025 16:43

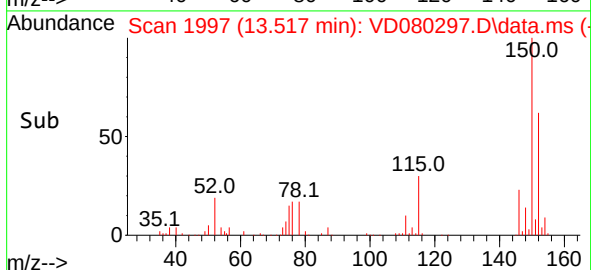
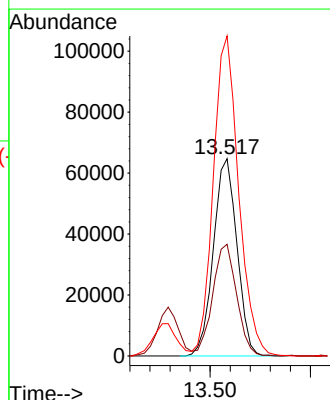
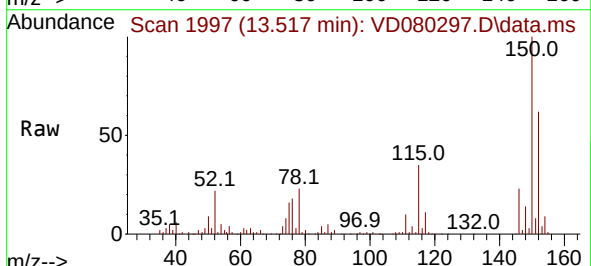
Tgt Ion:152 Resp: 105584

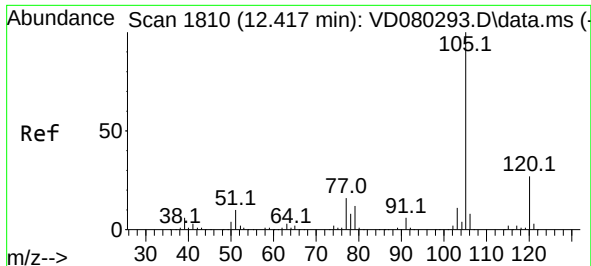
Ion Ratio Lower Upper

152 100

115 57.7 29.0 87.1

150 174.3 0.0 354.6

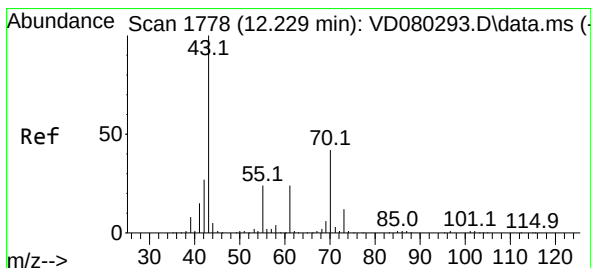
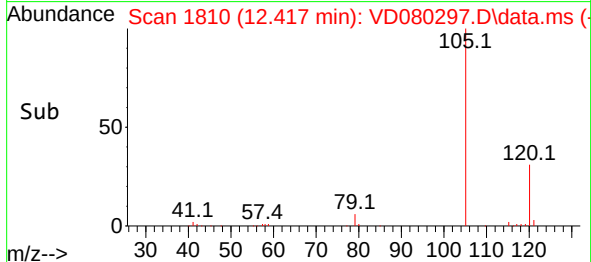
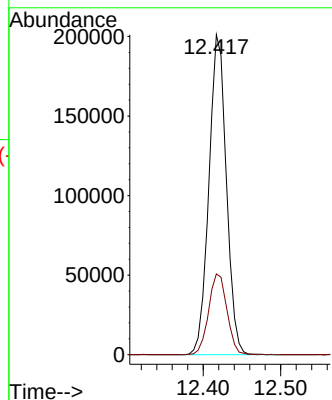
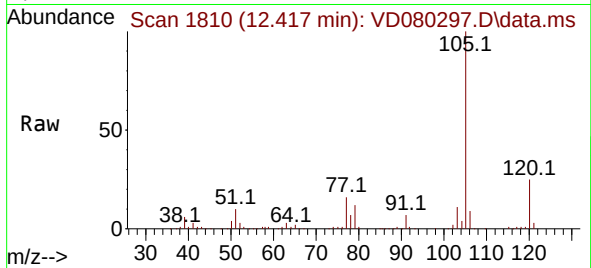




#73
Isopropylbenzene
Concen: 45.895 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

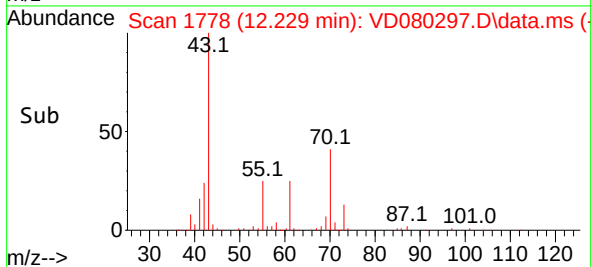
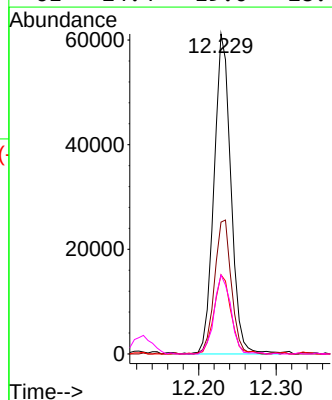
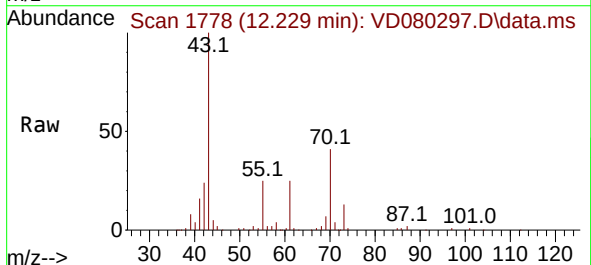
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

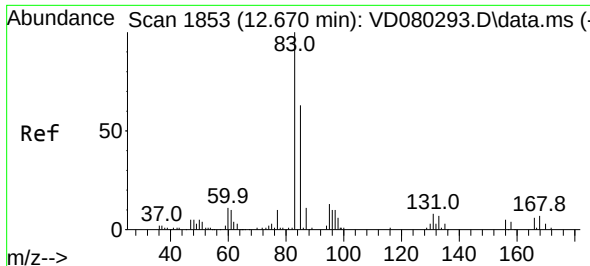
Tgt Ion:105 Resp: 314338
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#74
N-ethyl acetate
Concen: 47.118 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 43 Resp: 92622
Ion Ratio Lower Upper
43 100
70 41.6 33.8 50.8
55 25.0 20.8 31.2
61 24.4 19.0 28.4

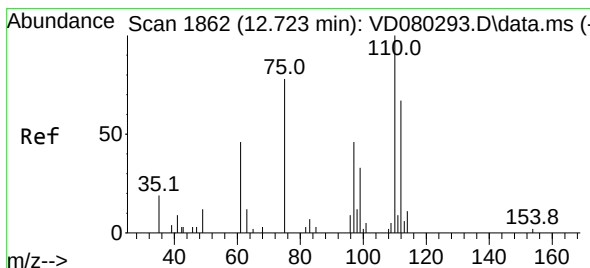
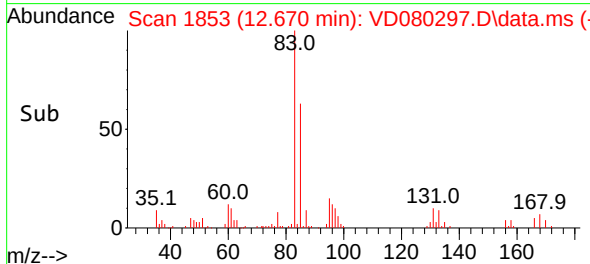
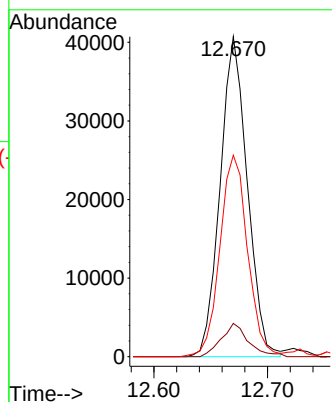
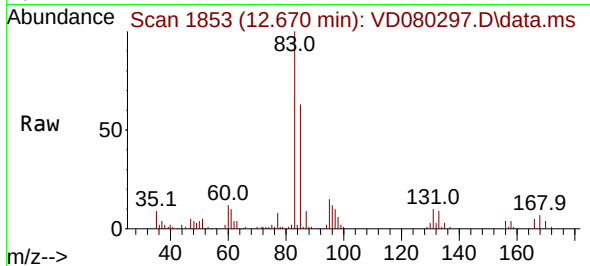




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.895 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

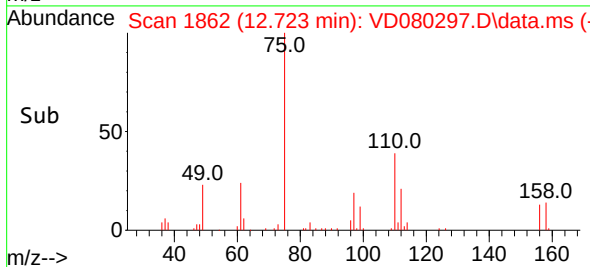
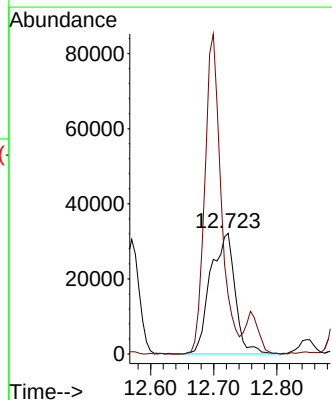
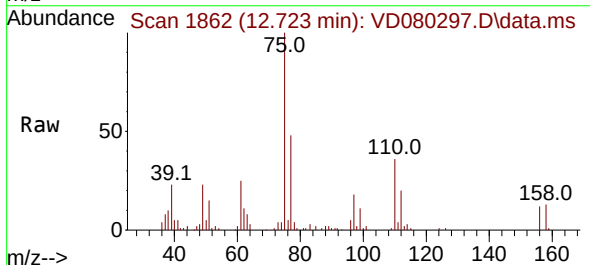
Instrument : MSVOA_D
 ClientSampleId : ICVVD050625

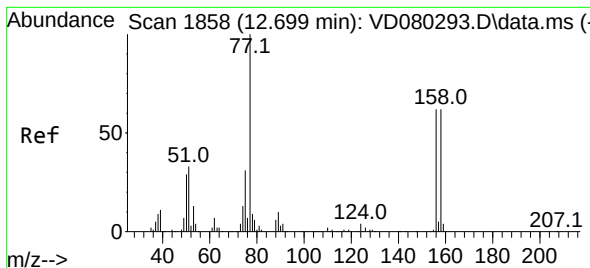
Tgt Ion: 83 Resp: 67618
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 64.1 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 85.368 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

Tgt Ion: 75 Resp: 86992
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.673 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050625

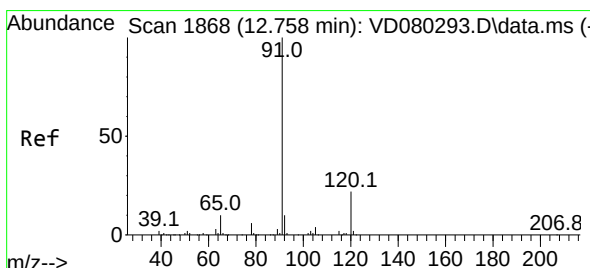
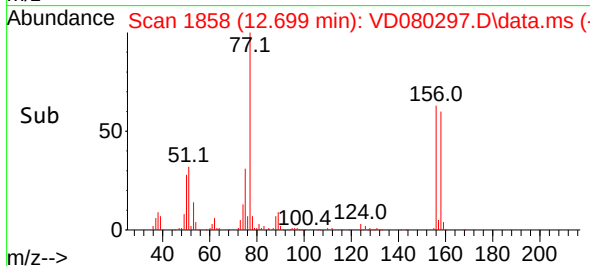
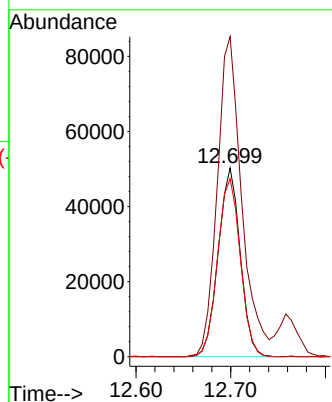
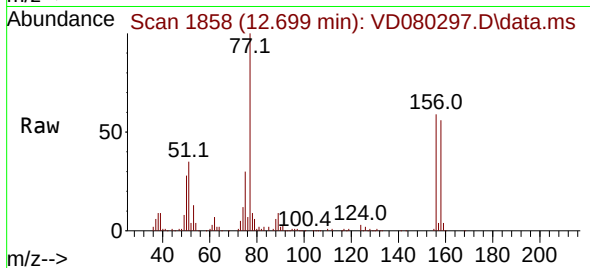
Tgt Ion:156 Resp: 81142

Ion Ratio Lower Upper

156 100

77 188.6 91.6 274.8

158 97.2 47.4 142.2



#78

n-propylbenzene

Concen: 46.696 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD080297.D

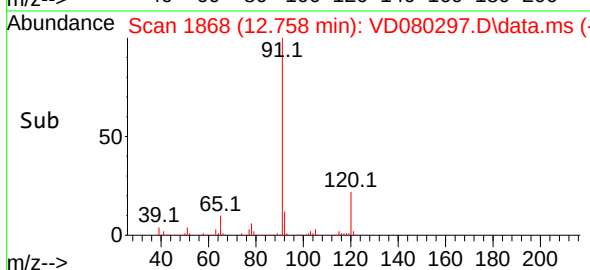
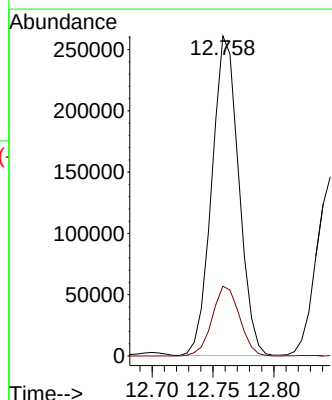
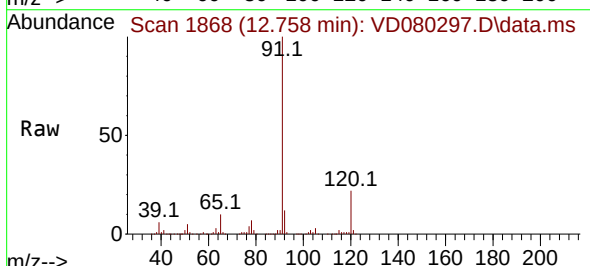
Acq: 06 May 2025 16:43

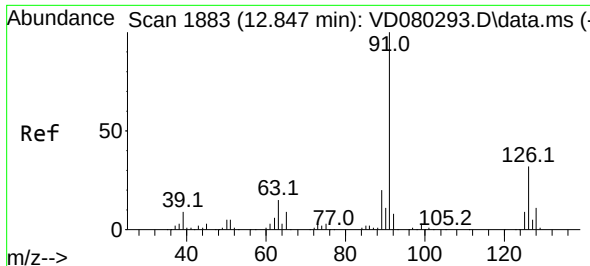
Tgt Ion: 91 Resp: 401350

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0

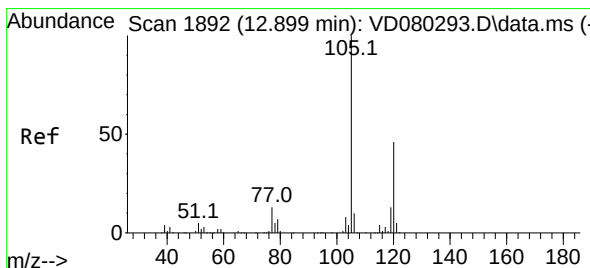
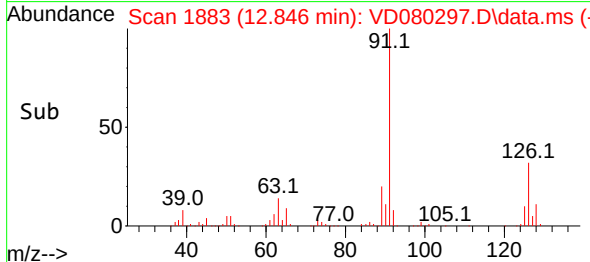
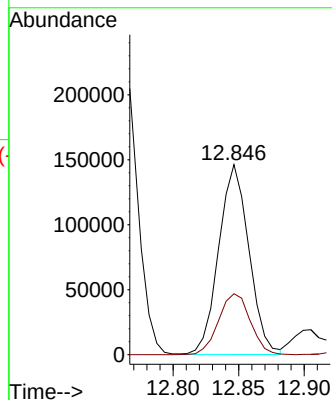
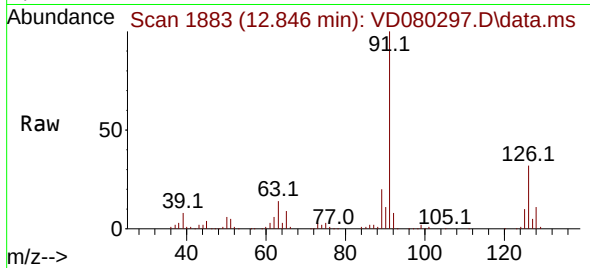




#79
2-Chlorotoluene
Concen: 46.853 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

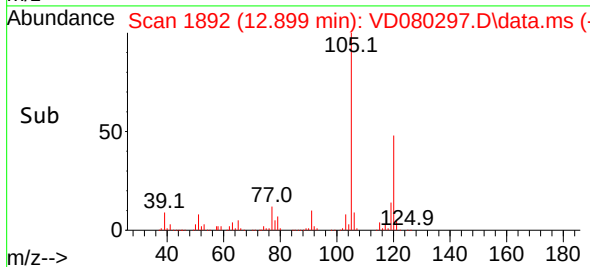
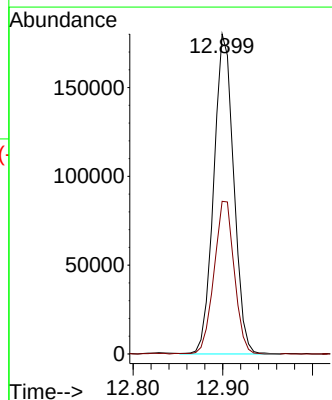
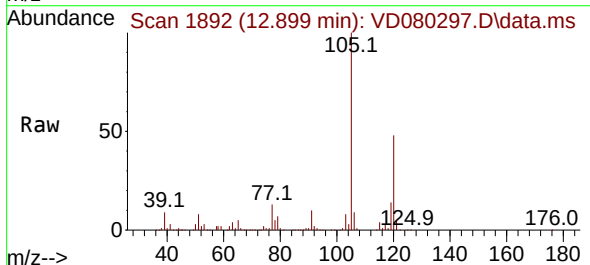
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

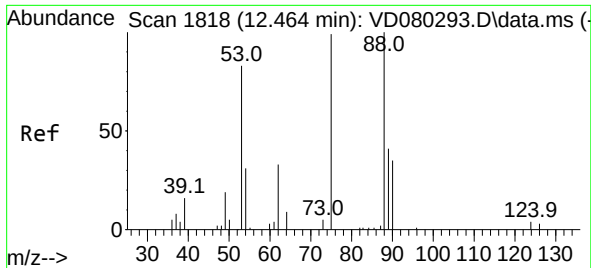
Tgt Ion: 91 Resp: 234241
Ion Ratio Lower Upper
91 100
126 33.7 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 47.634 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 105 Resp: 278265
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.8

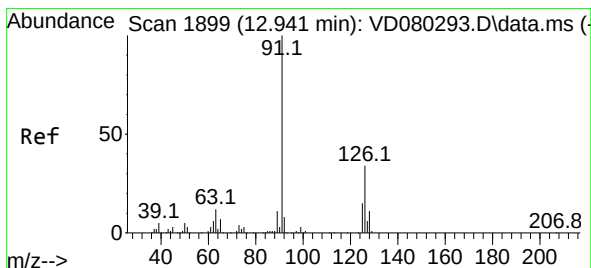
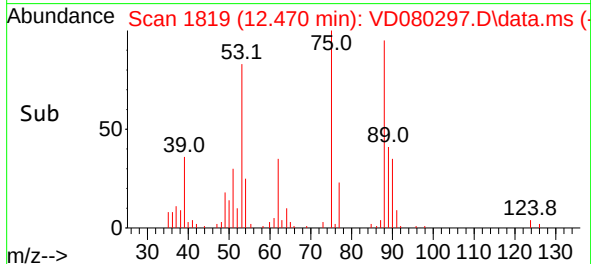
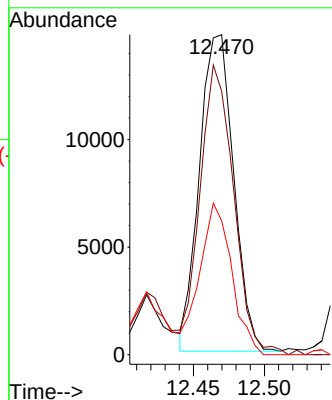
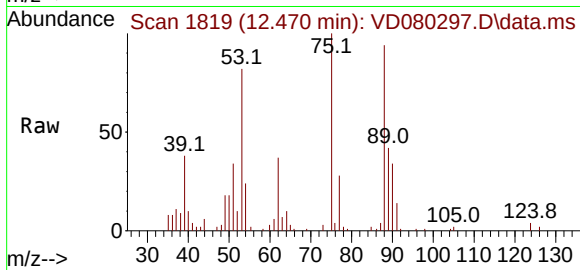




#81
trans-1,4-Dichloro-2-butene
Concen: 45.939 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

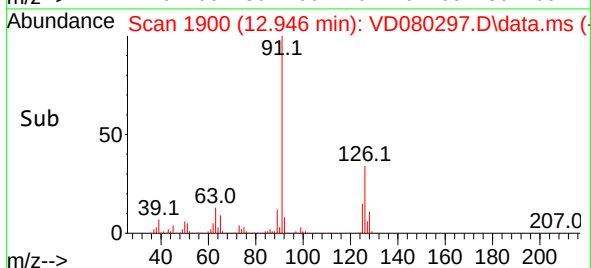
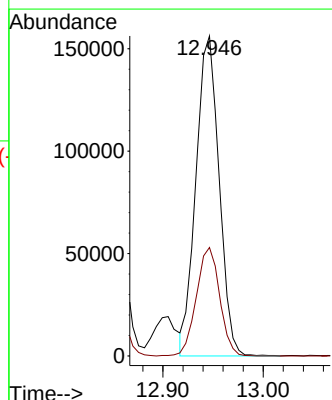
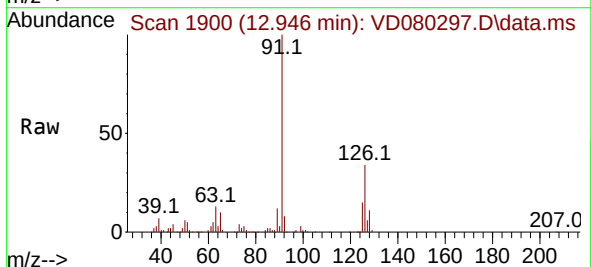
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

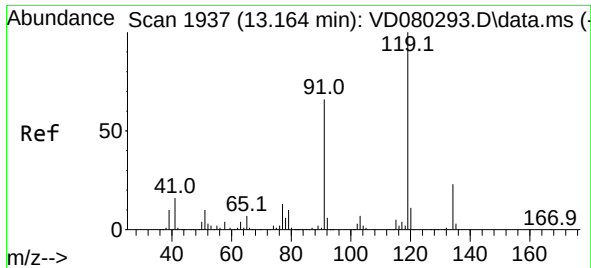
Tgt Ion: 75 Resp: 24662
Ion Ratio Lower Upper
75 100
53 91.9 70.8 106.2
89 44.8 35.9 53.9



#82
4-Chlorotoluene
Concen: 46.524 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 91 Resp: 251073
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.3

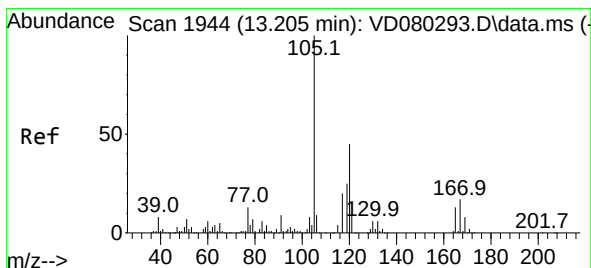
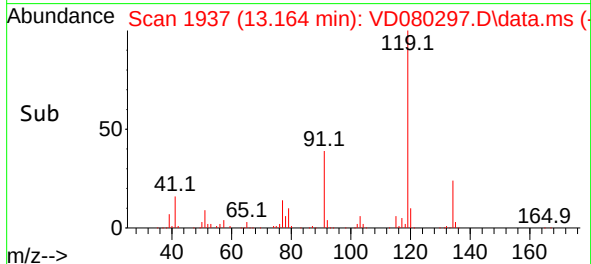
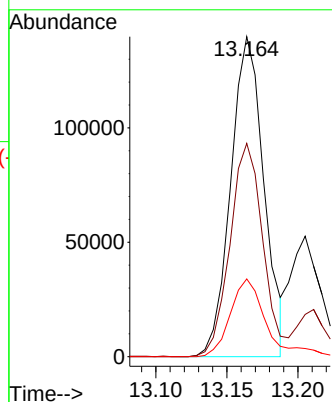
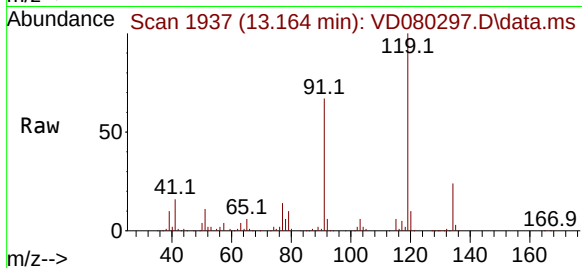




#83
 tert-Butylbenzene
 Concen: 46.656 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. -0.000 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

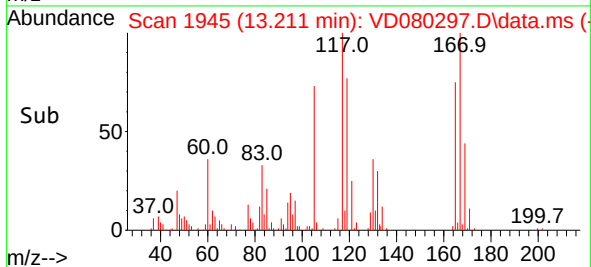
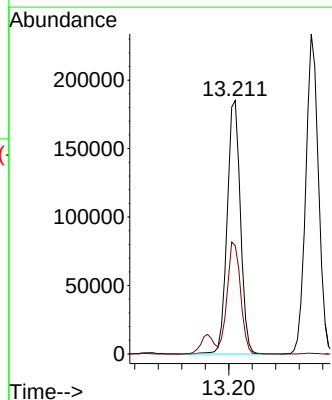
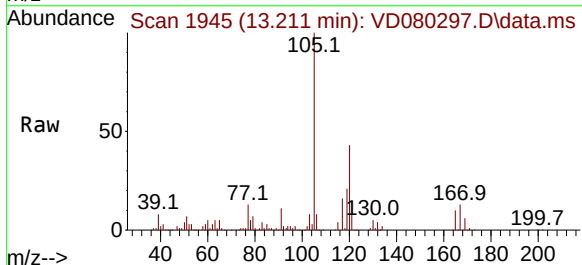
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050625

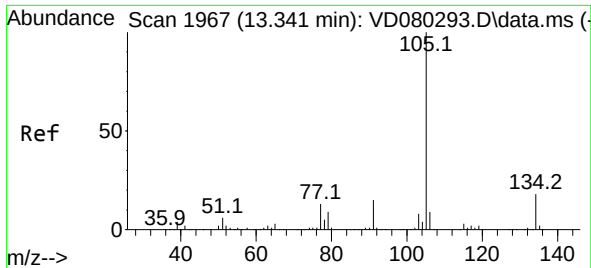
Tgt Ion:119 Resp: 227435
 Ion Ratio Lower Upper
 119 100
 91 66.3 33.3 99.8
 134 26.2 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.365 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

Tgt Ion:105 Resp: 289078
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.8

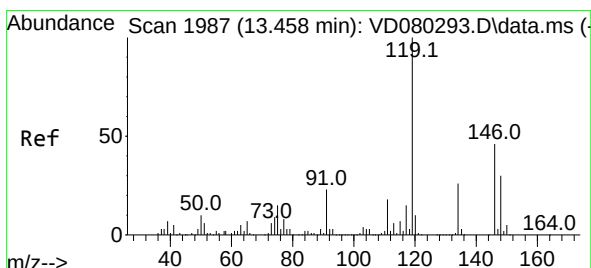
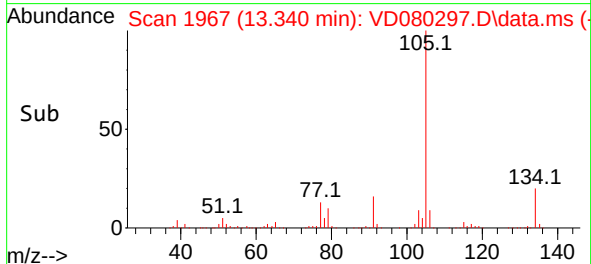
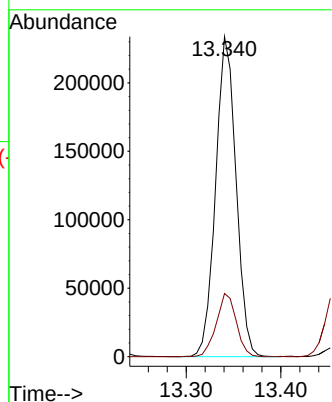
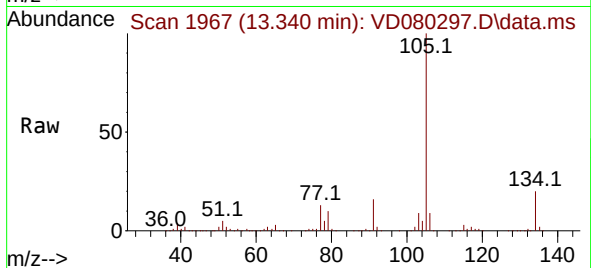




#85
 sec-Butylbenzene
 Concen: 46.620 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

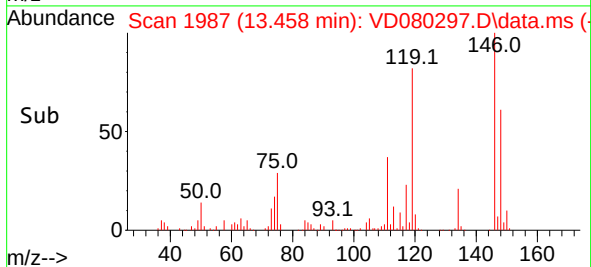
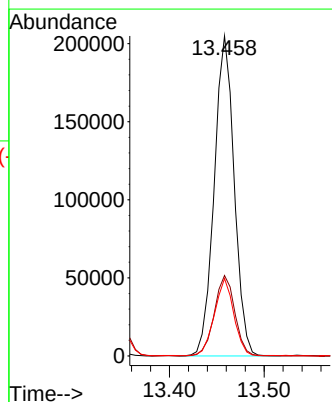
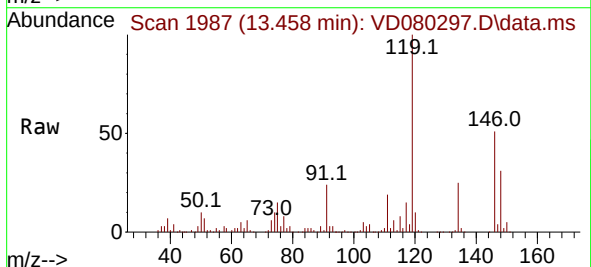
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050625

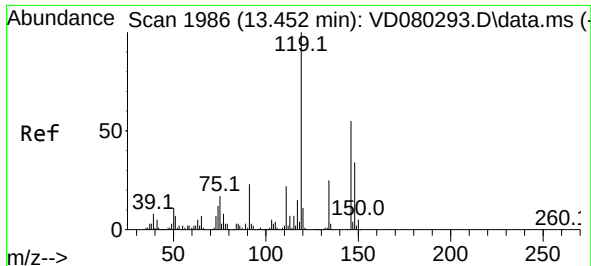
Tgt Ion:105 Resp: 350459
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 47.567 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

Tgt Ion:119 Resp: 300526
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 45.824 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050625

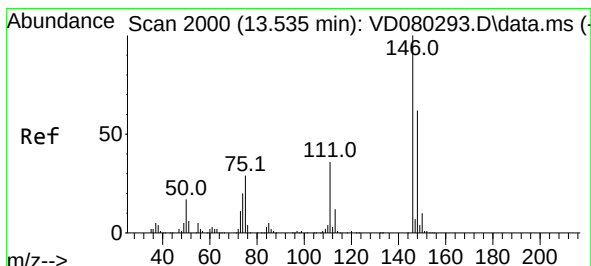
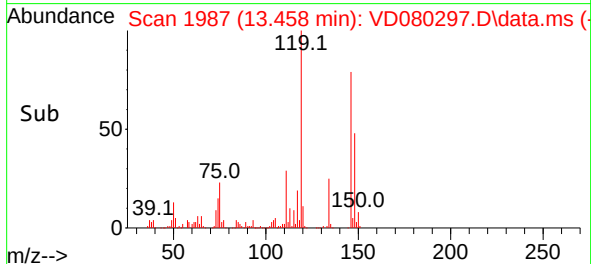
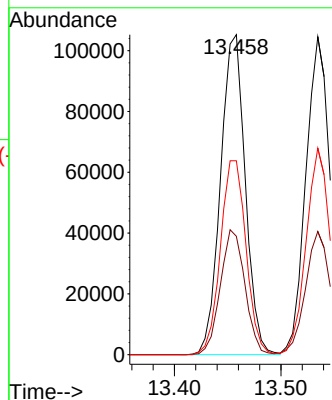
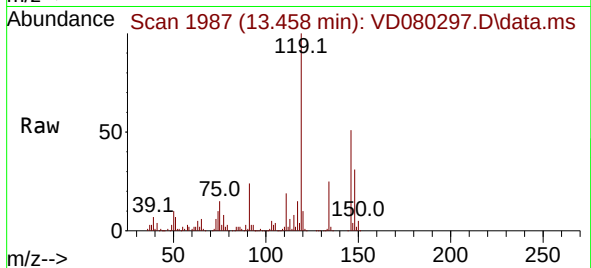
Tgt Ion:146 Resp: 169779

Ion Ratio Lower Upper

146 100

111 38.8 19.9 59.6

148 62.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 44.632 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

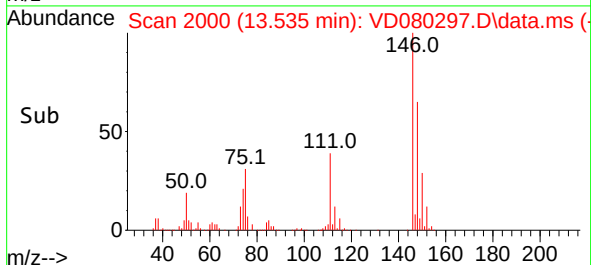
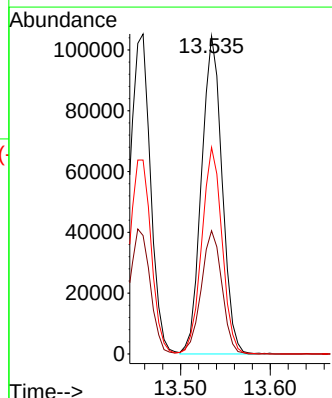
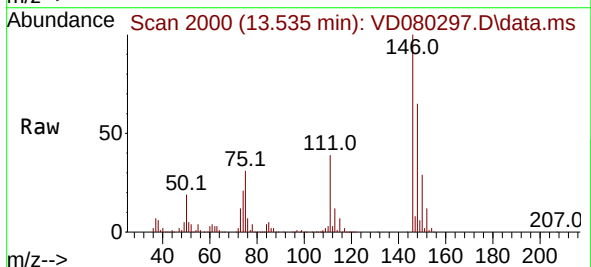
Tgt Ion:146 Resp: 166704

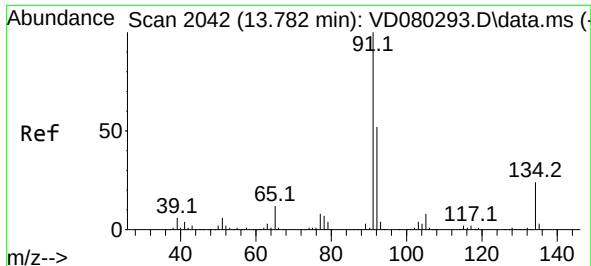
Ion Ratio Lower Upper

146 100

111 39.0 18.9 56.5

148 64.0 31.4 94.0

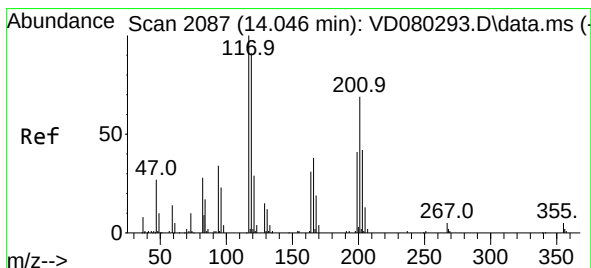
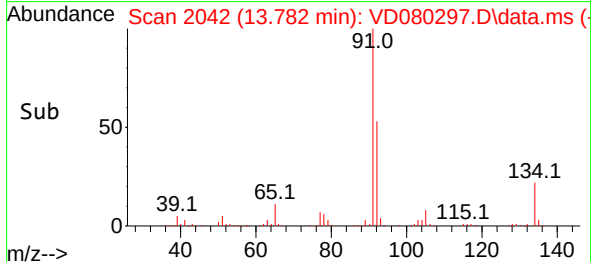
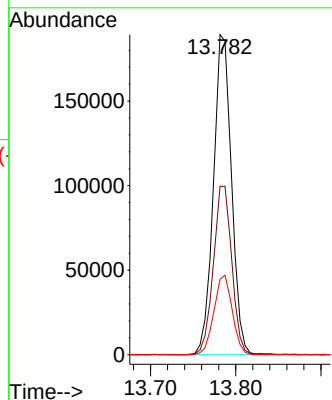
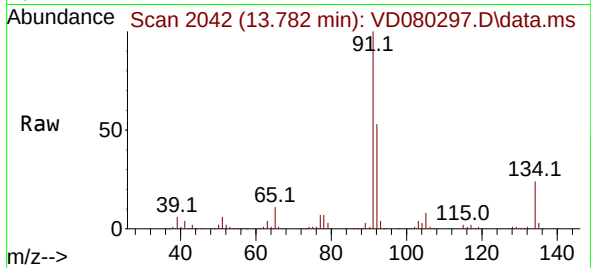




#89
n-Butylbenzene
Concen: 45.601 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

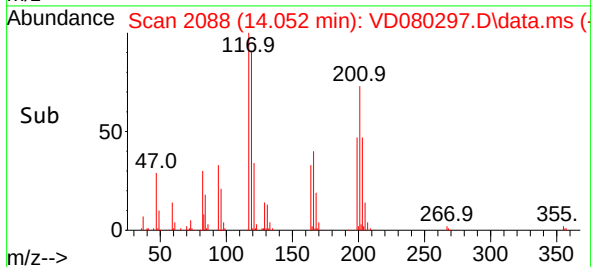
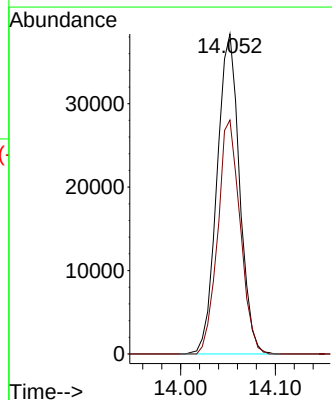
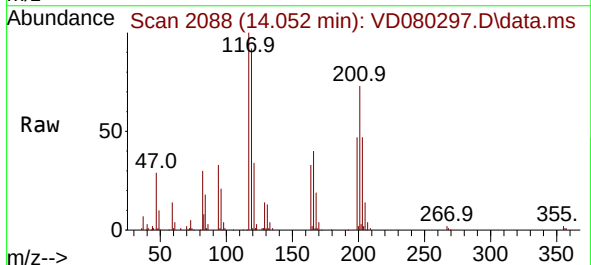
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

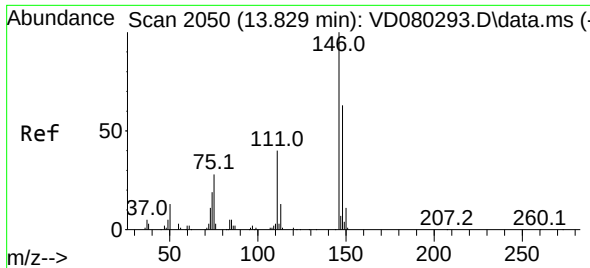
Tgt Ion: 91 Resp: 279673
Ion Ratio Lower Upper
91 100
92 53.5 26.1 78.2
134 25.0 12.0 36.1



#90
Hexachloroethane
Concen: 45.361 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VD080297.D
Acq: 06 May 2025 16:43

Tgt Ion: 117 Resp: 63410
Ion Ratio Lower Upper
117 100
201 72.8 36.9 110.6

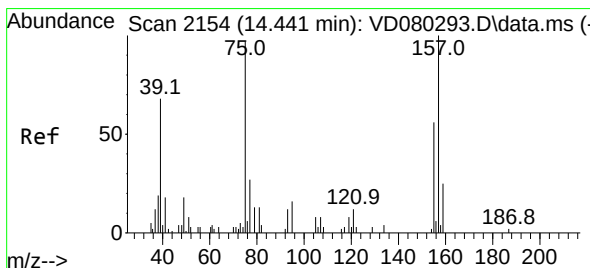
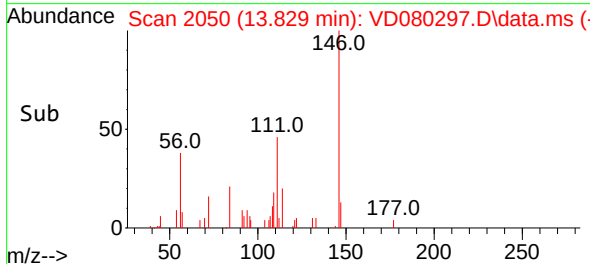
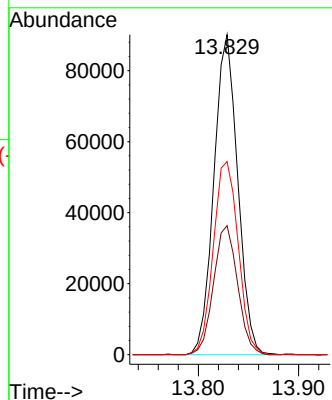
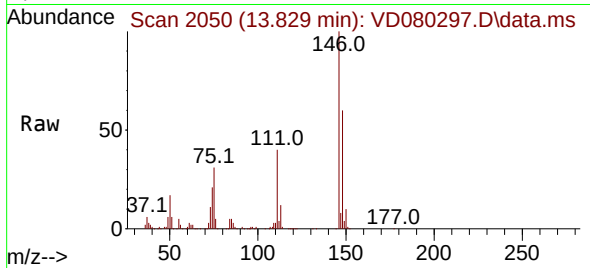




#91
 1,2-Dichlorobenzene
 Concen: 46.163 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

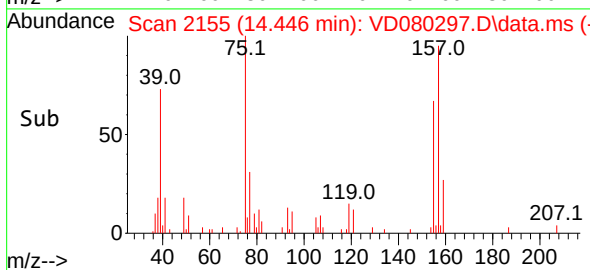
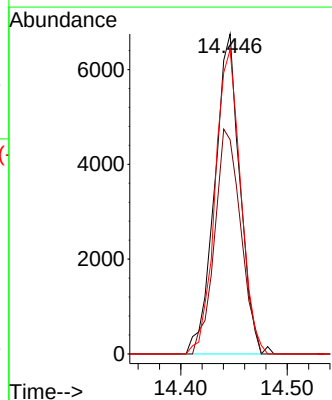
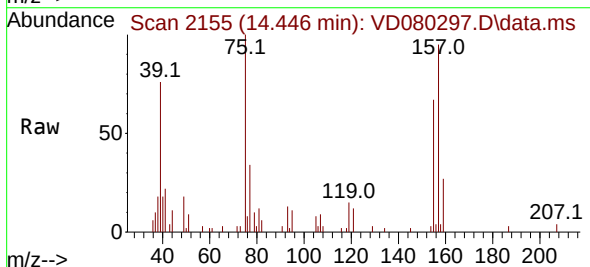
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050625

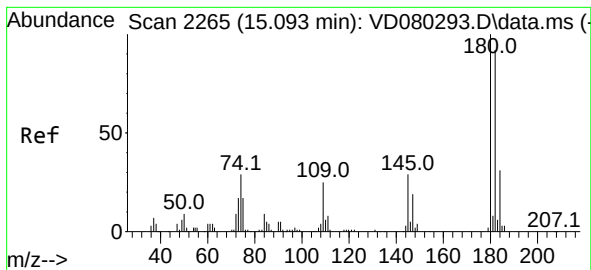
Tgt Ion:146 Resp: 148574
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.8 62.5
 148 63.1 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.117 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080297.D
 Acq: 06 May 2025 16:43

Tgt Ion: 75 Resp: 11070
 Ion Ratio Lower Upper
 75 100
 155 72.9 36.3 108.7
 157 96.2 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 45.656 ug/l

RT: 15.093 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050625

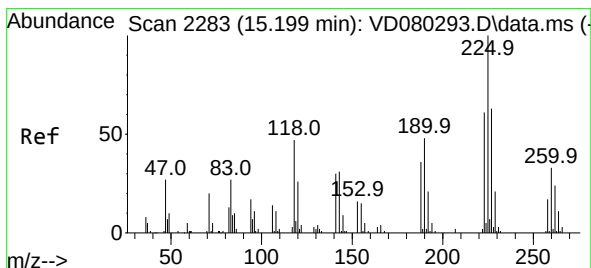
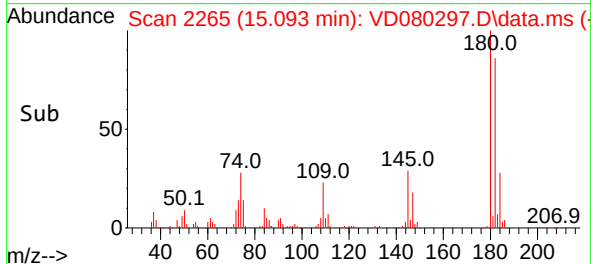
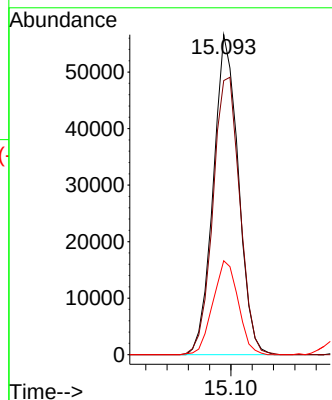
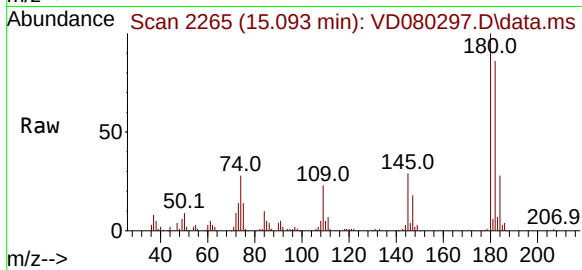
Tgt Ion:180 Resp: 92411

Ion Ratio Lower Upper

180 100

182 92.9 46.7 140.1

145 29.7 14.9 44.5



#94

Hexachlorobutadiene

Concen: 42.374 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

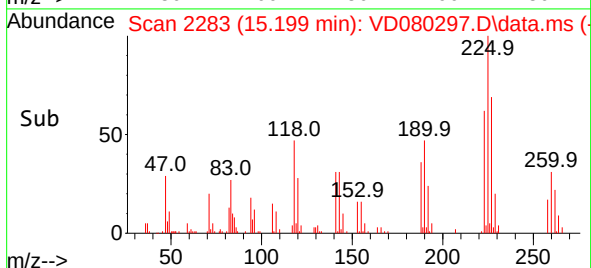
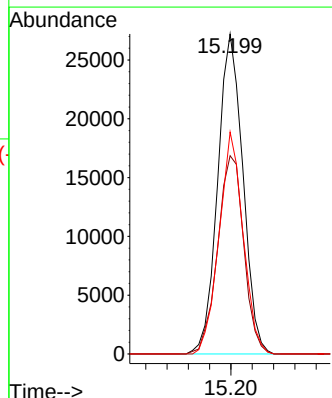
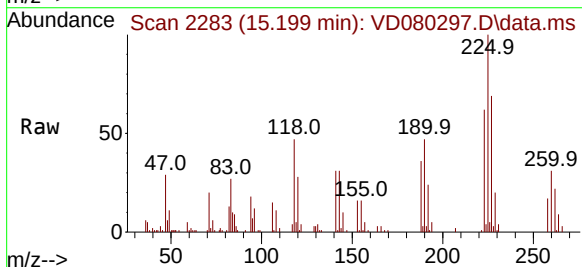
Tgt Ion:225 Resp: 44621

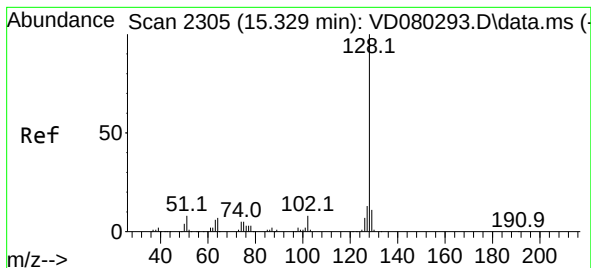
Ion Ratio Lower Upper

225 100

223 64.2 30.3 90.8

227 66.2 32.0 96.2





#95

Naphthalene

Concen: 46.464 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050625

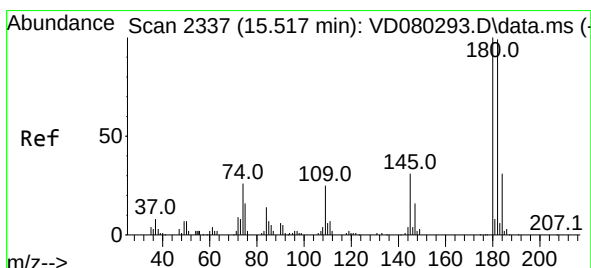
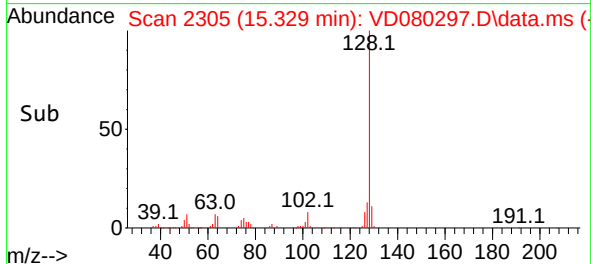
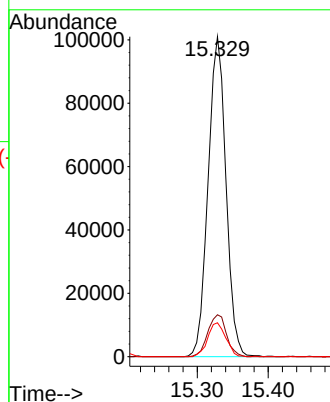
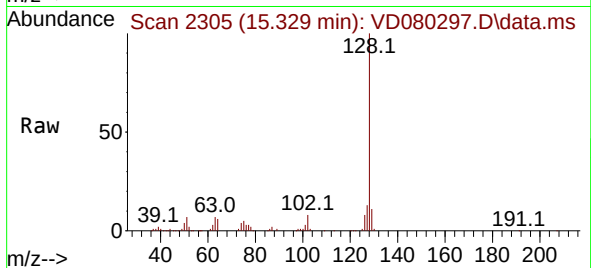
Tgt Ion:128 Resp: 176588

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 45.572 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080297.D

Acq: 06 May 2025 16:43

Tgt Ion:180 Resp: 82498

Ion Ratio Lower Upper

180 100

182 98.9 48.3 144.9

145 32.0 15.6 46.7

