

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062725\
 Data File : VD080490.D
 Acq On : 27 Jun 2025 12:08
 Operator : RP/MD
 Sample : VD0627SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBS01

Quant Time: Jun 28 03:06:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	409156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	728213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	627036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	280529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	216572	53.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.980%
35) Dibromofluoromethane	7.806	113	230034	56.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.820%
50) Toluene-d8	10.270	98	944714	57.348	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.700%
62) 4-Bromofluorobenzene	12.570	95	293397	54.318	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.935	85	74308	20.429	ug/l	99
3) Chloromethane	2.147	50	104573	20.585	ug/l	98
4) Vinyl Chloride	2.288	62	110654	21.473	ug/l	99
5) Bromomethane	2.694	94	72975	25.622	ug/l	97
6) Chloroethane	2.841	64	70590	21.823	ug/l	100
7) Trichlorofluoromethane	3.182	101	135152	20.848	ug/l	99
8) Diethyl Ether	3.594	74	55304	21.916	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.965	101	90133	21.017	ug/l	98
10) Methyl Iodide	4.165	142	95927	18.994	ug/l	99
11) Tert butyl alcohol	5.041	59	29793	91.222	ug/l #	82
12) 1,1-Dichloroethene	3.947	96	93268	20.142	ug/l	97
13) Acrolein	3.800	56	41445	93.121	ug/l	100
14) Allyl chloride	4.565	41	164389	20.275	ug/l	100
15) Acrylonitrile	5.253	53	112968	94.089	ug/l	99
16) Acetone	4.018	43	130710	126.122	ug/l	98
17) Carbon Disulfide	4.271	76	285310	19.511	ug/l	96
18) Methyl Acetate	4.565	43	55136	17.490	ug/l	96
19) Methyl tert-butyl Ether	5.318	73	221561	19.253	ug/l	100
20) Methylene Chloride	4.800	84	137021	22.267	ug/l	96
21) trans-1,2-Dichloroethene	5.312	96	101078	19.570	ug/l	98
22) Diisopropyl ether	6.218	45	319983	20.439	ug/l	99
23) Vinyl Acetate	6.153	43	897822	100.645	ug/l	100
24) 1,1-Dichloroethane	6.106	63	186350	20.286	ug/l	99
25) 2-Butanone	7.076	43	164741	108.303	ug/l	98
26) 2,2-Dichloropropane	7.076	77	150609	20.718	ug/l	98
27) cis-1,2-Dichloroethene	7.076	96	122335	19.813	ug/l	98
28) Bromochloromethane	7.423	49	76639	21.162	ug/l	96
29) Tetrahydrofuran	7.441	42	91499	95.480	ug/l	98
30) Chloroform	7.594	83	178773	20.331	ug/l	98
31) Cyclohexane	7.876	56	181649	20.408	ug/l	97
32) 1,1,1-Trichloroethane	7.794	97	150909	20.526	ug/l	99
36) 1,1-Dichloropropene	8.006	75	134157	21.066	ug/l	99
37) Ethyl Acetate	7.170	43	58921	19.036	ug/l	100
38) Carbon Tetrachloride	7.988	117	126973	20.868	ug/l	98
39) Methylcyclohexane	9.276	83	182674	20.834	ug/l	97
40) Benzene	8.247	78	422109	20.651	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.406	41	37103	18.755	ug/l	97
42) 1,2-Dichloroethane	8.323	62	96948	20.162	ug/l	98
43) Isopropyl Acetate	8.359	43	119235	19.574	ug/l	99
44) Trichloroethene	9.029	130	102088	20.608	ug/l	97
45) 1,2-Dichloropropane	9.306	63	104572	21.095	ug/l	99
46) Dibromomethane	9.394	93	53381	20.196	ug/l	98
47) Bromodichloromethane	9.582	83	133546	20.381	ug/l	93
48) Methyl methacrylate	9.376	41	59698	19.373	ug/l	97
49) 1,4-Dioxane	9.382	88	12256	357.443	ug/l	94
51) 4-Methyl-2-Pentanone	10.158	43	303957	98.260	ug/l	99
52) Toluene	10.335	92	263260	20.607	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	133522	20.345	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	158327	20.081	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	71974	19.976	ug/l	97
56) Ethyl methacrylate	10.594	69	100346	19.511	ug/l	99
57) 1,3-Dichloropropane	10.876	76	125057	19.837	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	192651	98.082	ug/l	100
59) 2-Hexanone	10.917	43	230012	105.060	ug/l	100
60) Dibromochloromethane	11.070	129	88740	19.955	ug/l	99
61) 1,2-Dibromoethane	11.176	107	66914	19.423	ug/l	100
64) Tetrachloroethene	10.805	164	82320	21.152	ug/l	98
65) Chlorobenzene	11.605	112	278144	20.567	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.682	131	88255	20.765	ug/l	99
67) Ethyl Benzene	11.682	91	492230	20.810	ug/l	99
68) m/p-Xylenes	11.794	106	374164	41.541	ug/l	99
69) o-Xylene	12.117	106	179675	20.672	ug/l	98
70) Styrene	12.135	104	307015	20.883	ug/l	98
71) Bromoform	12.300	173	48133	19.884	ug/l #	99
73) Isopropylbenzene	12.417	105	465016	21.324	ug/l	99
74) N-amyl acetate	12.229	43	114583	20.067	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	78216	19.262	ug/l	97
76) 1,2,3-Trichloropropane	12.723	75	101584	42.599	ug/l #	100
77) Bromobenzene	12.700	156	100645	20.637	ug/l	98
78) n-propylbenzene	12.758	91	557372	21.232	ug/l	100
79) 2-Chlorotoluene	12.847	91	315226	20.879	ug/l	100
80) 1,3,5-Trimethylbenzene	12.900	105	375056	21.209	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.470	75	30890	19.249	ug/l	98
82) 4-Chlorotoluene	12.947	91	318929	20.566	ug/l	100
83) tert-Butylbenzene	13.164	119	325044	21.014	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	366872	20.780	ug/l	99
85) sec-Butylbenzene	13.341	105	486396	21.290	ug/l	99
86) p-Isopropyltoluene	13.458	119	398743	21.091	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	197241	20.912	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	192547	20.452	ug/l	98
89) n-Butylbenzene	13.782	91	385976	21.272	ug/l	100
90) Hexachloroethane	14.052	117	73481	20.117	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	170916	20.587	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.446	75	11486	18.754	ug/l	94
93) 1,2,4-Trichlorobenzene	15.099	180	102784	19.759	ug/l	97
94) Hexachlorobutadiene	15.199	225	49289	20.525	ug/l	98
95) Naphthalene	15.329	128	222214	19.225	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	90723	20.283	ug/l	99

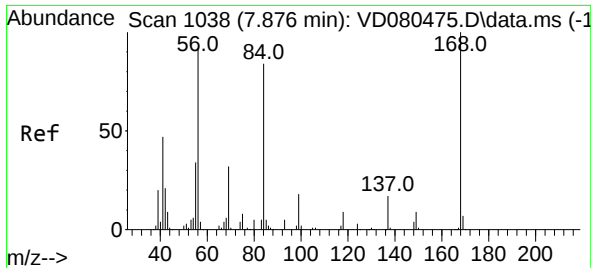
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062725\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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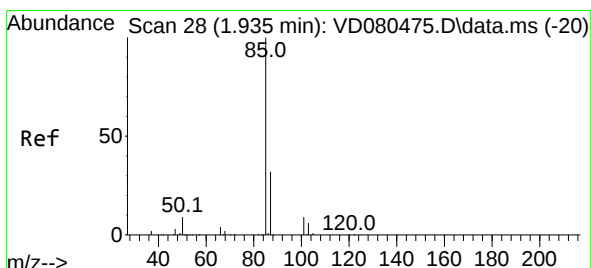
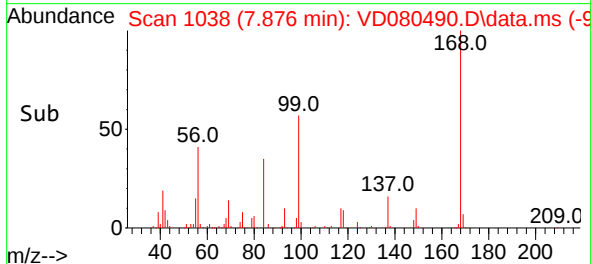
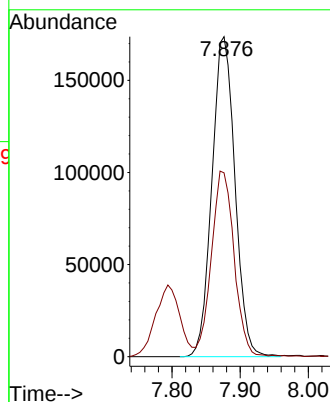
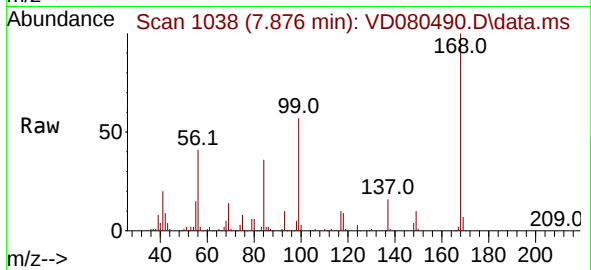
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

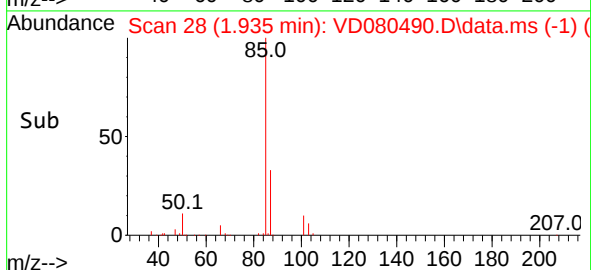
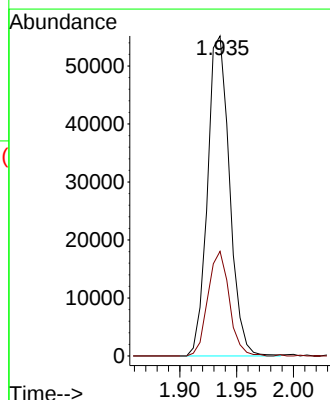
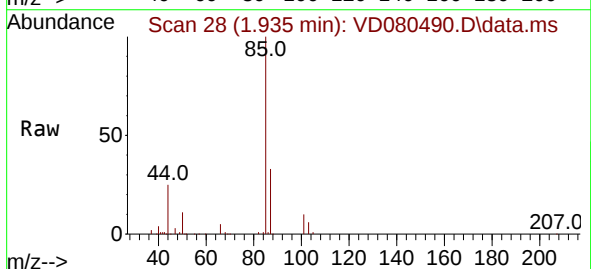
Instrument :
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ClientSampleId :
VD0627SBS01

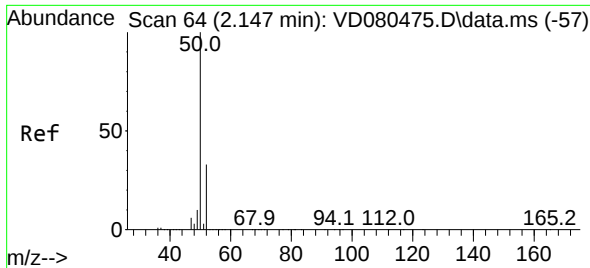
Tgt Ion:168 Resp: 409156
Ion Ratio Lower Upper
168 100
99 57.2 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 20.429 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 85 Resp: 74308
Ion Ratio Lower Upper
85 100
87 32.7 16.0 47.9

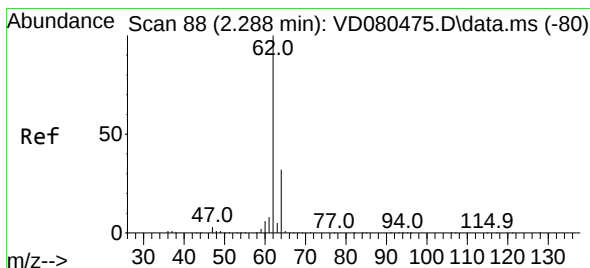
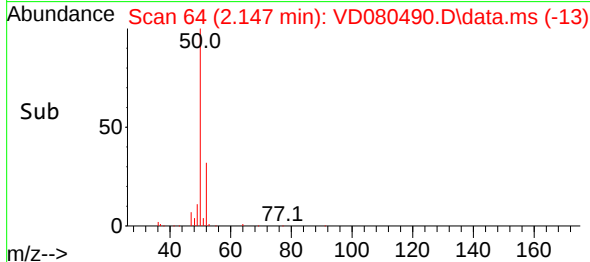
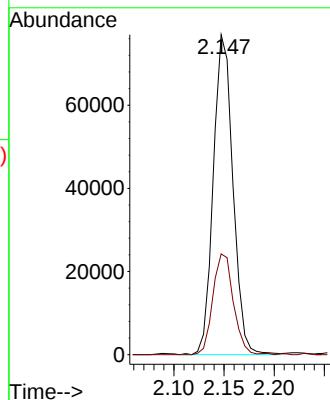
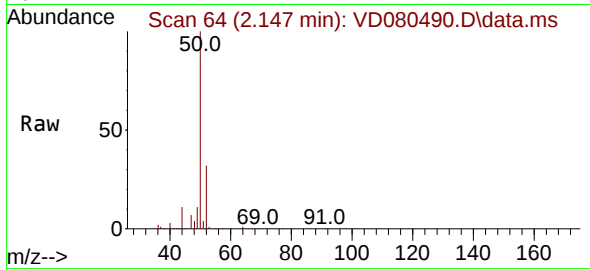




#3
Chloromethane
Concen: 20.585 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

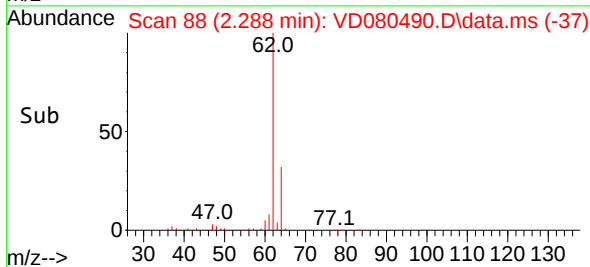
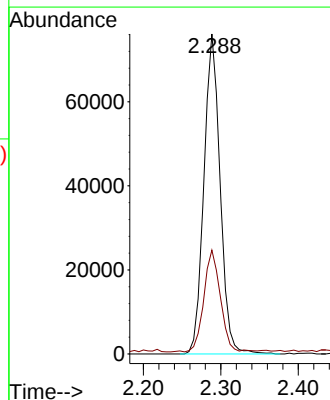
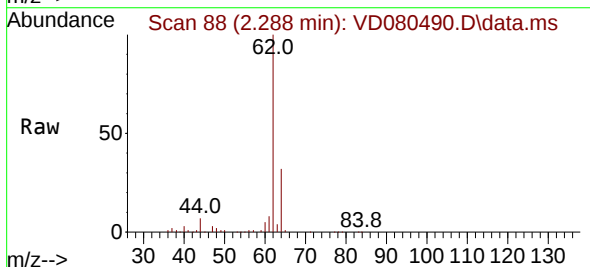
Instrument :
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ClientSampleId :
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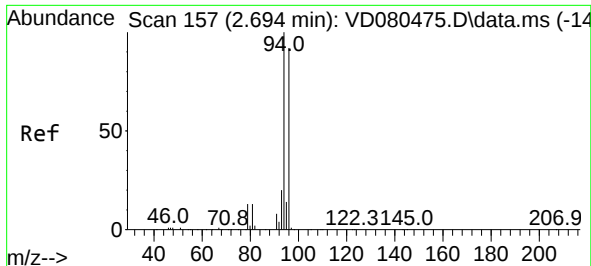
Tgt Ion: 50 Resp: 104573
Ion Ratio Lower Upper
50 100
52 31.5 26.1 39.1



#4
Vinyl Chloride
Concen: 21.473 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 62 Resp: 110654
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3

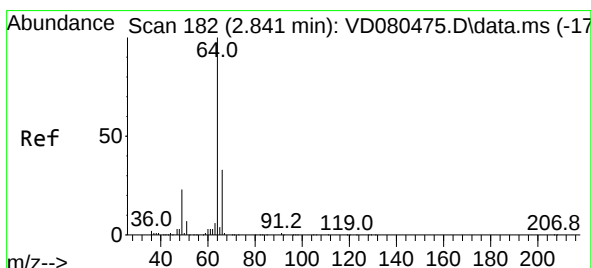
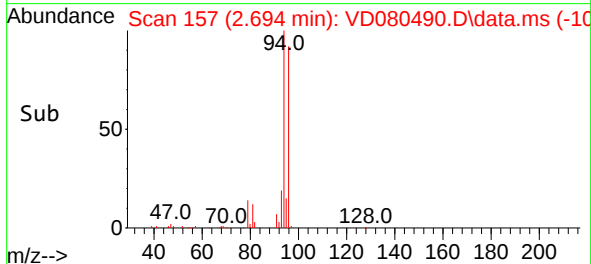
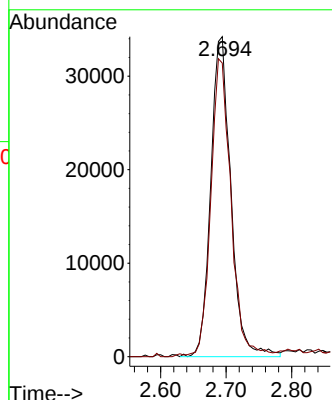
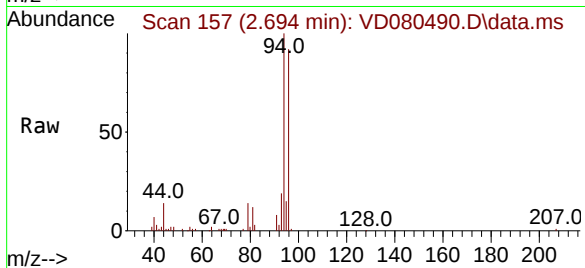




#5
Bromomethane
Concen: 25.622 ug/l
RT: 2.694 min Scan# 157
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

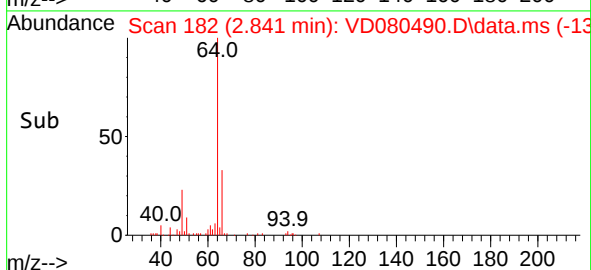
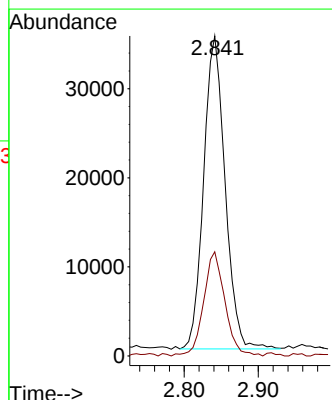
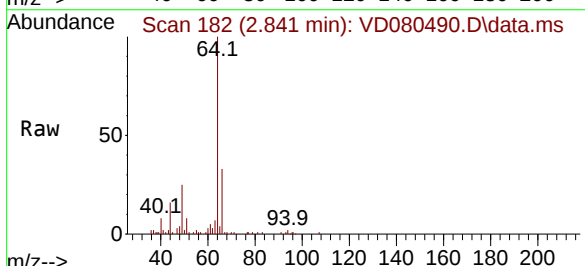
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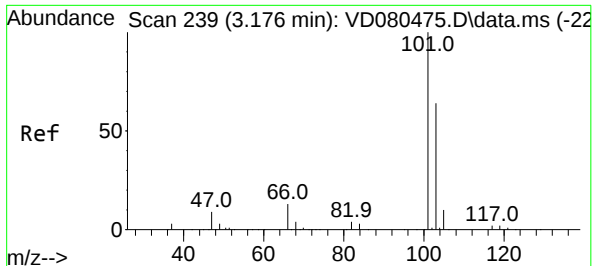
Tgt Ion: 94 Resp: 72975
Ion Ratio Lower Upper
94 100
96 91.0 74.8 112.2



#6
Chloroethane
Concen: 21.823 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 64 Resp: 70590
Ion Ratio Lower Upper
64 100
66 32.8 26.3 39.5

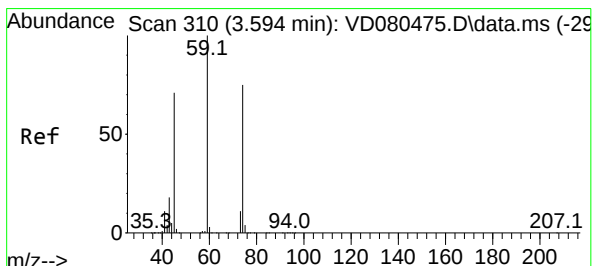
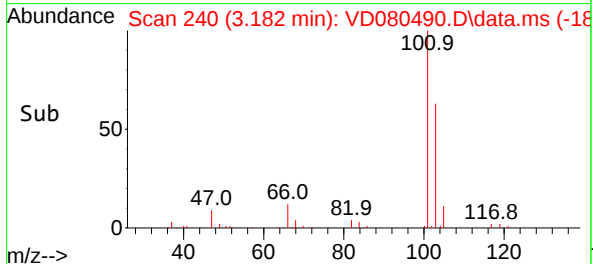
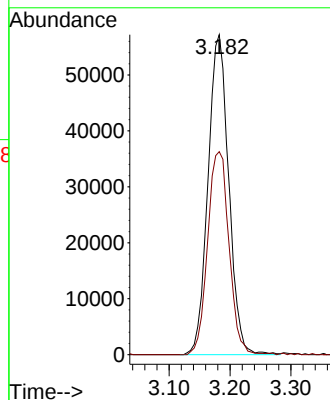
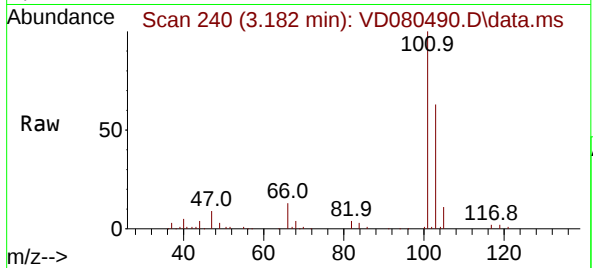




#7
 Trichlorofluoromethane
 Concen: 20.848 ug/l
 RT: 3.182 min Scan# 241
 Delta R.T. 0.006 min
 Lab File: VD080490.D
 Acq: 27 Jun 2025 12:08

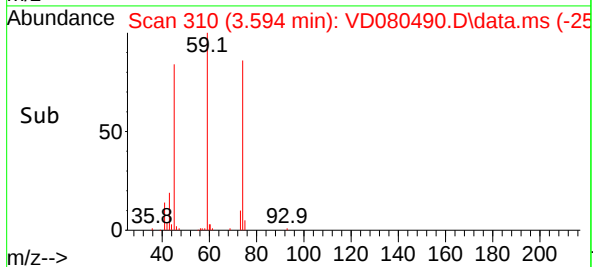
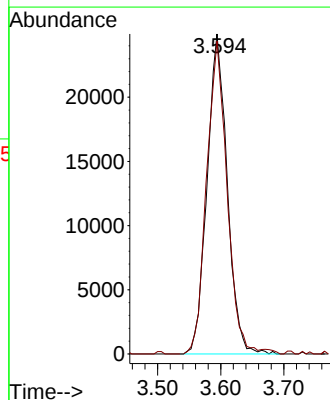
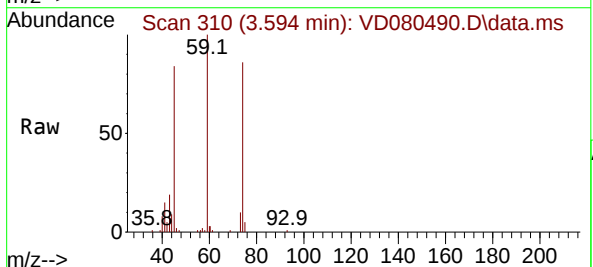
Instrument :
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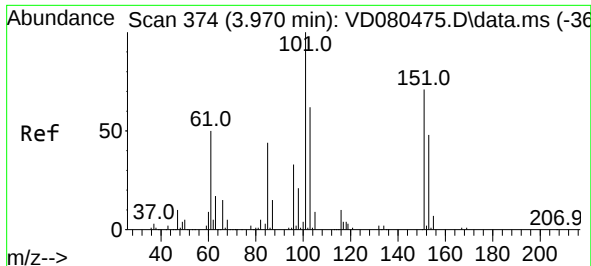
Tgt Ion:101 Resp: 135152
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.3 76.9



#8
 Diethyl Ether
 Concen: 21.916 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080490.D
 Acq: 27 Jun 2025 12:08

Tgt Ion: 74 Resp: 55304
 Ion Ratio Lower Upper
 74 100
 45 98.9 46.6 139.8

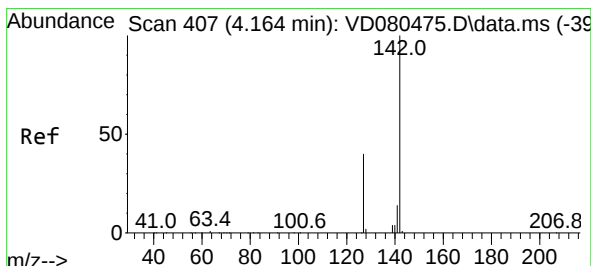
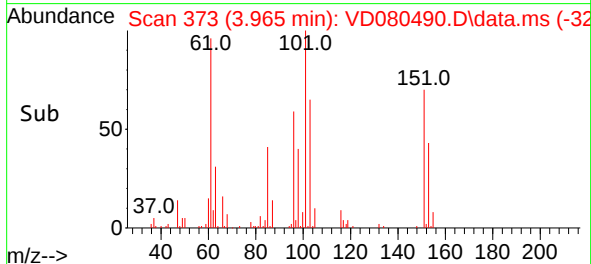
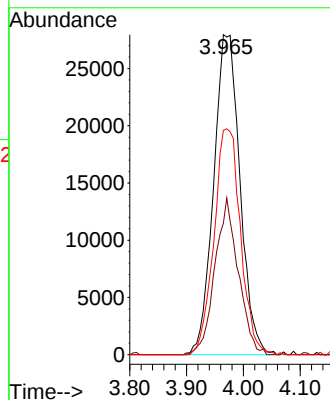
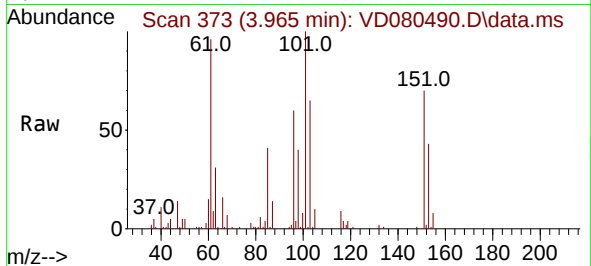




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.017 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080490.D
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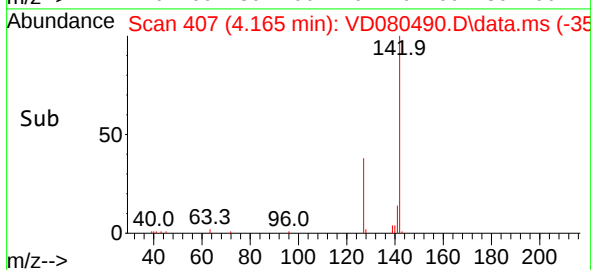
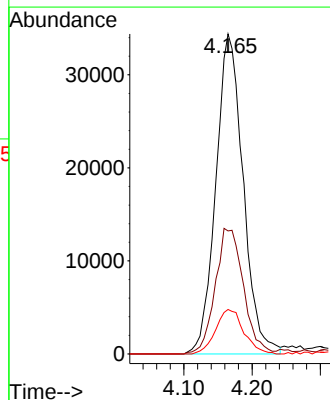
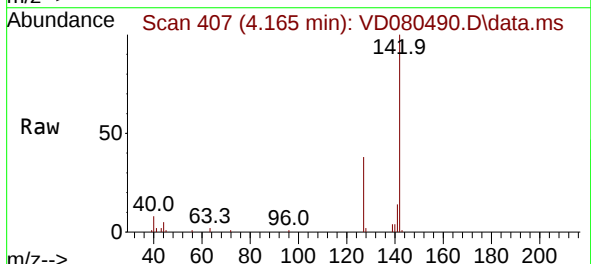
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

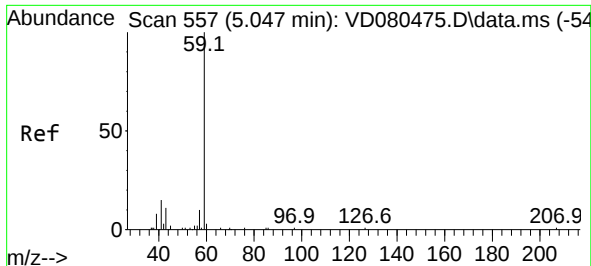
Tgt Ion:	101	Resp:	90133
Ion	Ratio	Lower	Upper
101	100		
85	43.4	34.0	51.0
151	70.9	58.4	87.6



#10
Methyl Iodide
Concen: 18.994 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion:	142	Resp:	95927
Ion	Ratio	Lower	Upper
142	100		
127	40.3	32.6	49.0
141	14.3	11.1	16.7

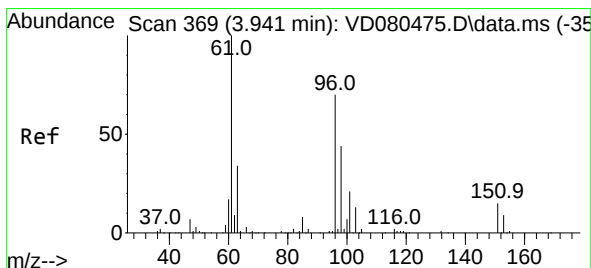
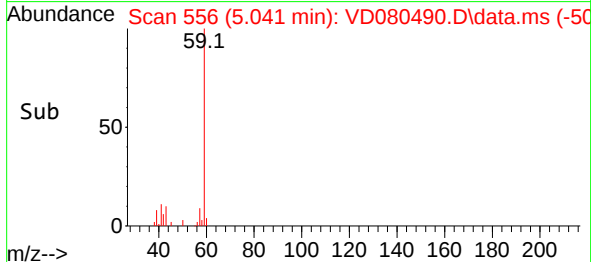
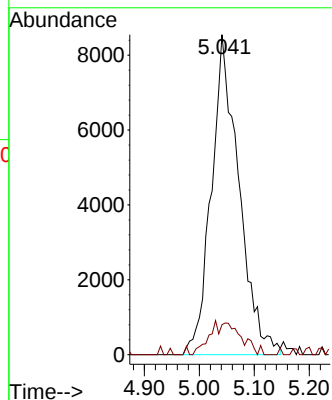
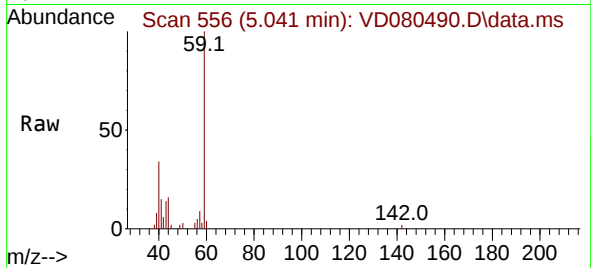




#11
Tert butyl alcohol
Concen: 91.222 ug/l
RT: 5.041 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

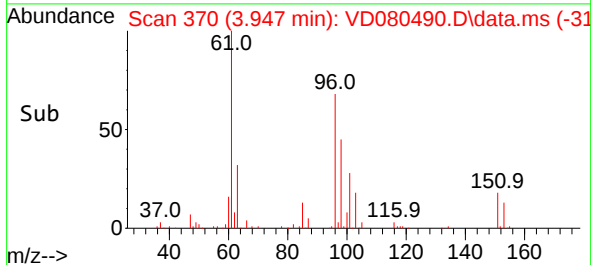
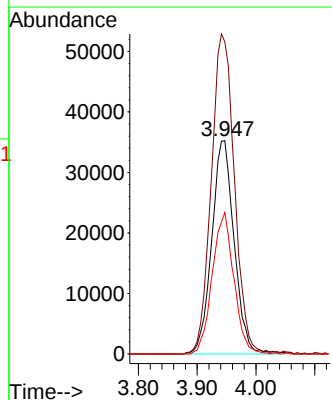
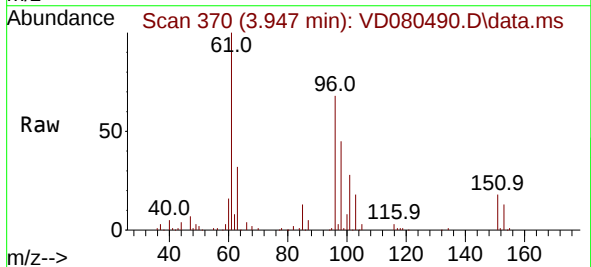
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

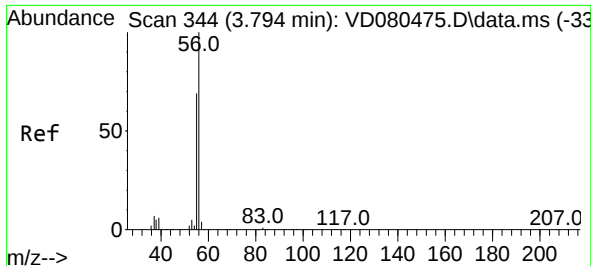
Tgt Ion: 59 Resp: 29793
Ion Ratio Lower Upper
59 100
57 4.1 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 20.142 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 96 Resp: 93268
Ion Ratio Lower Upper
96 100
61 146.3 114.9 172.3
98 66.3 50.5 75.7

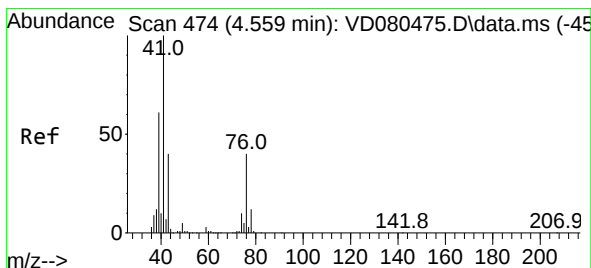
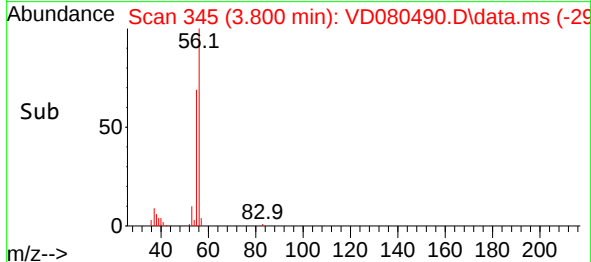
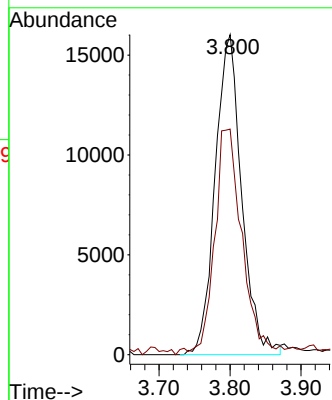
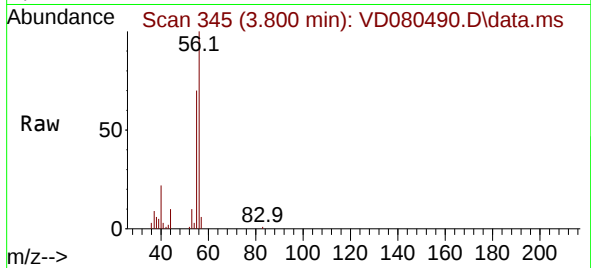




#13
Acrolein
Concen: 93.121 ug/l
RT: 3.800 min Scan# 344
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

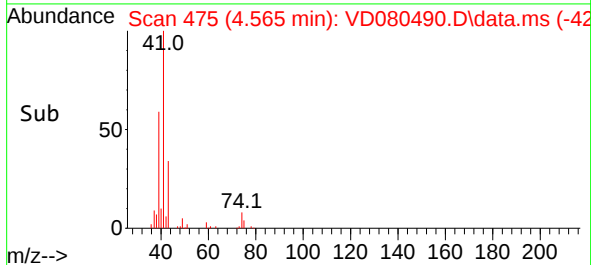
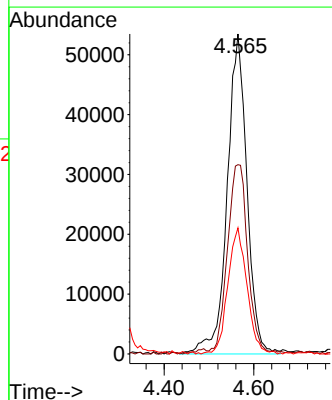
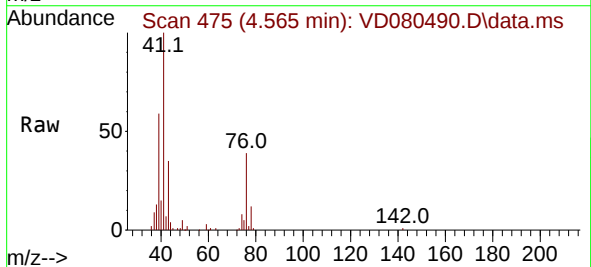
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

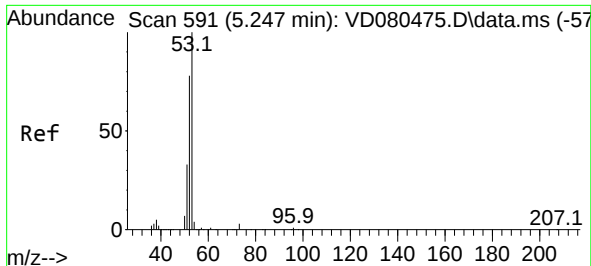
Tgt Ion: 56 Resp: 41445
Ion Ratio Lower Upper
56 100
55 69.8 56.2 84.2



#14
Allyl chloride
Concen: 20.275 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 41 Resp: 164389
Ion Ratio Lower Upper
41 100
39 59.1 47.4 71.2
76 38.2 30.5 45.7

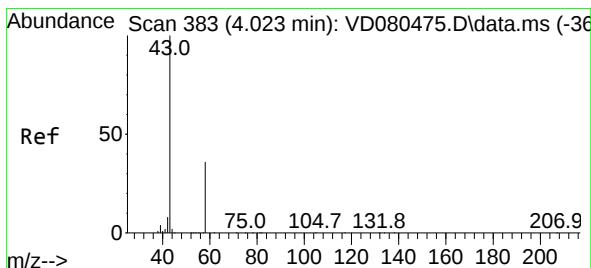
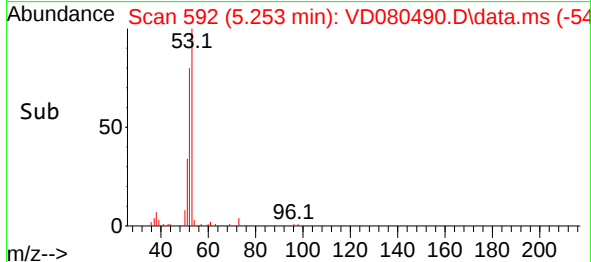
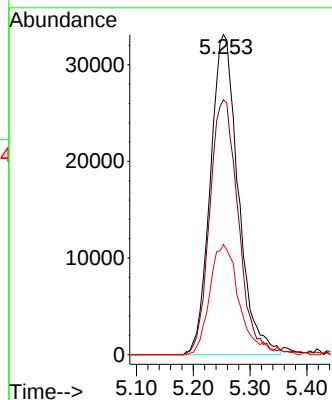
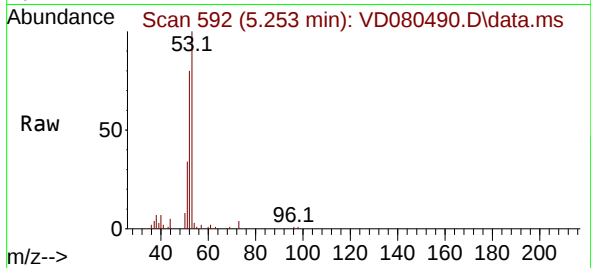




#15
Acrylonitrile
Concen: 94.089 ug/l
RT: 5.253 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

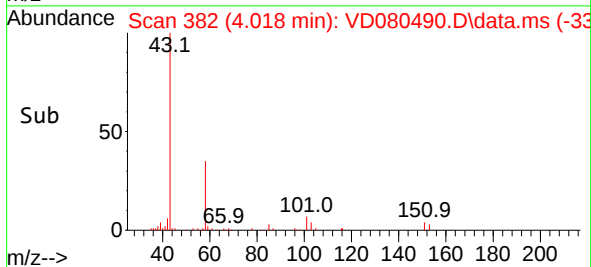
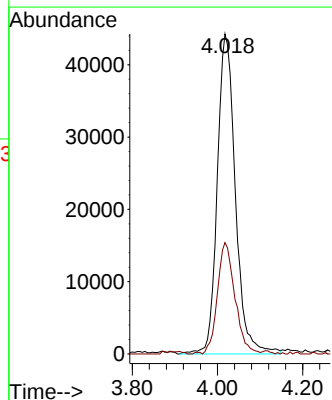
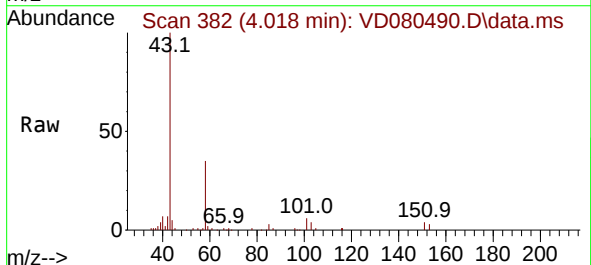
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

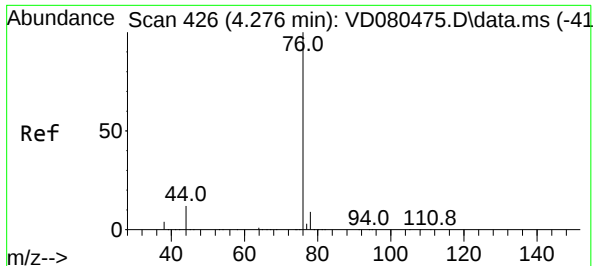
Tgt Ion: 53 Resp: 112968
Ion Ratio Lower Upper
53 100
52 81.6 64.7 97.1
51 36.2 27.9 41.9



#16
Acetone
Concen: 126.122 ug/l
RT: 4.018 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 43 Resp: 130710
Ion Ratio Lower Upper
43 100
58 34.8 29.0 43.4

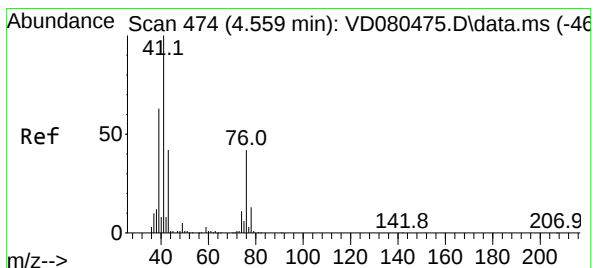
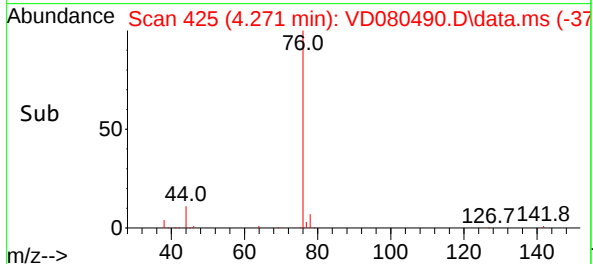
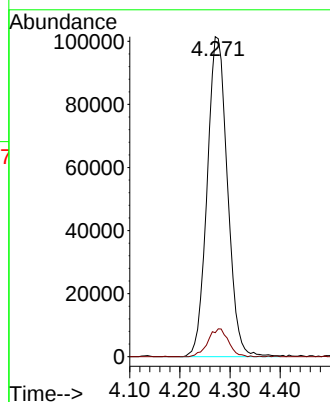
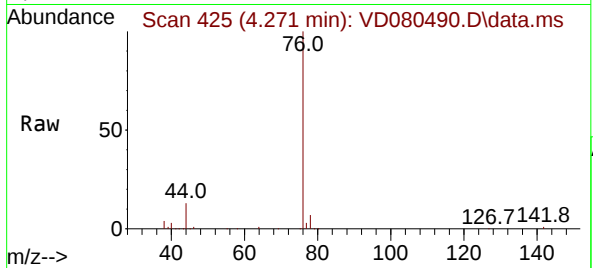




#17
Carbon Disulfide
Concen: 19.511 ug/l
RT: 4.271 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

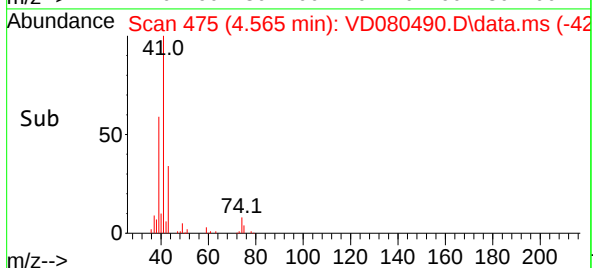
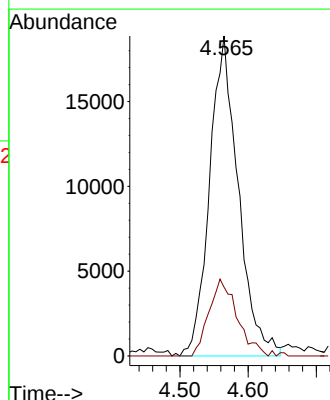
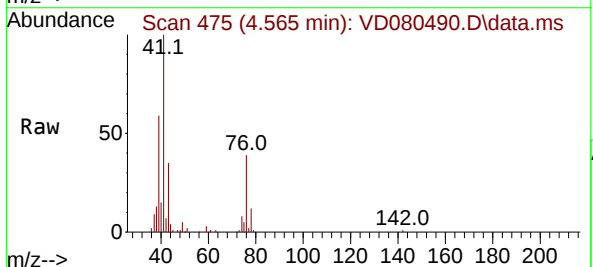
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

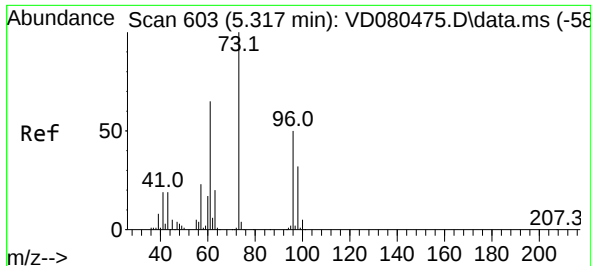
Tgt Ion: 76 Resp: 285310
Ion Ratio Lower Upper
76 100
78 7.5 7.2 10.8



#18
Methyl Acetate
Concen: 17.490 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 43 Resp: 55136
Ion Ratio Lower Upper
43 100
74 23.6 20.4 30.6

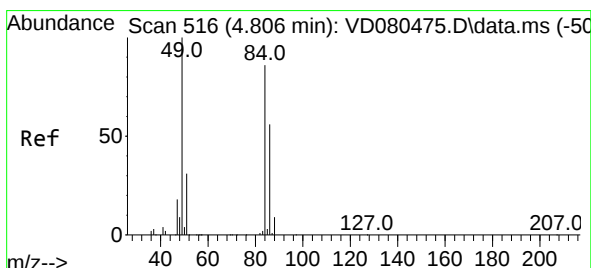
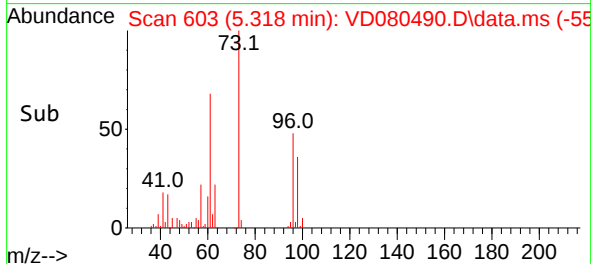
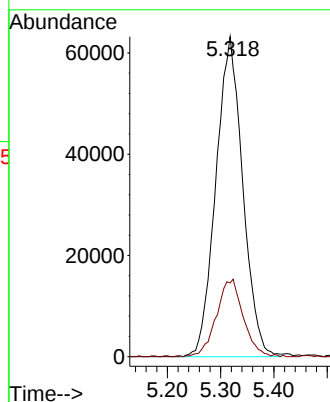
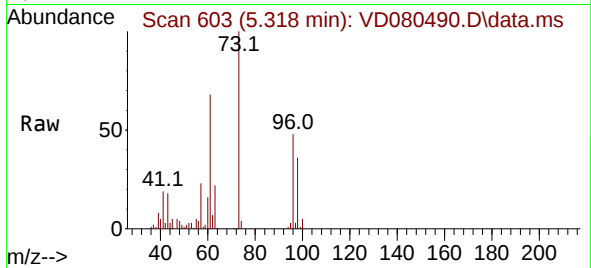




#19
Methyl tert-butyl Ether
Concen: 19.253 ug/l
RT: 5.318 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

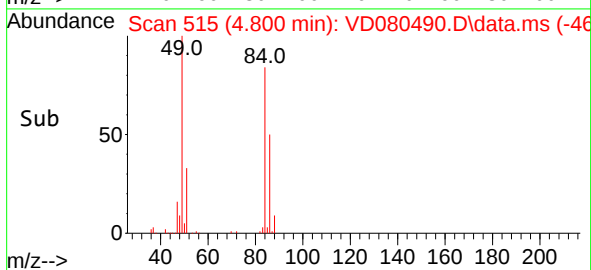
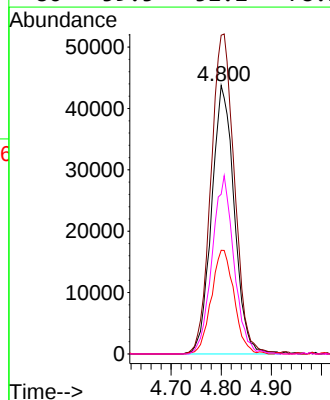
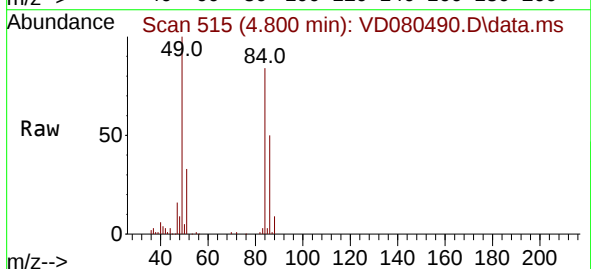
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

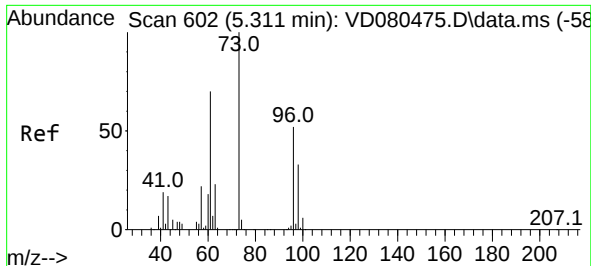
Tgt Ion: 73 Resp: 221561
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7



#20
Methylene Chloride
Concen: 22.267 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 84 Resp: 137021
Ion Ratio Lower Upper
84 100
49 118.7 92.8 139.2
51 38.6 29.0 43.6
86 59.5 52.2 78.2

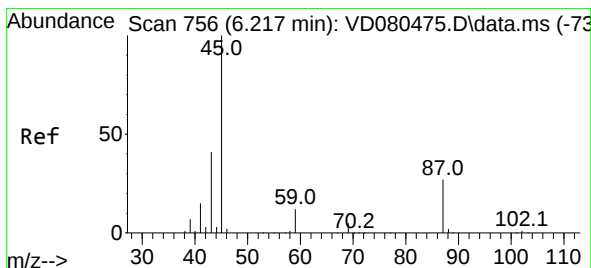
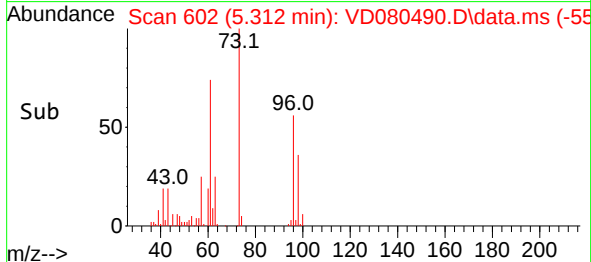
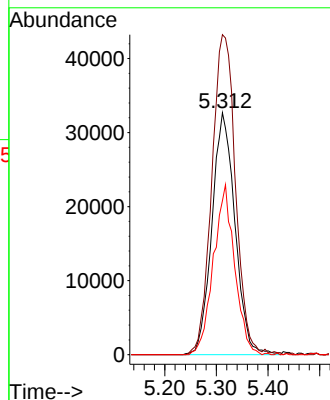
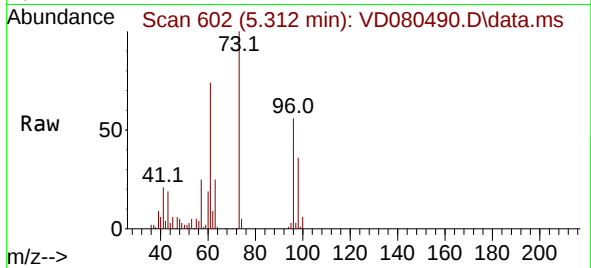




#21
trans-1,2-Dichloroethene
Concen: 19.570 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

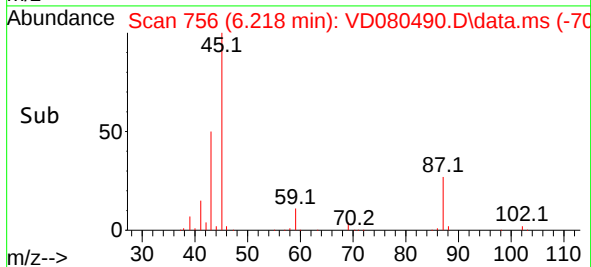
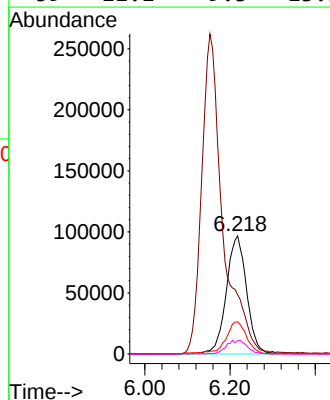
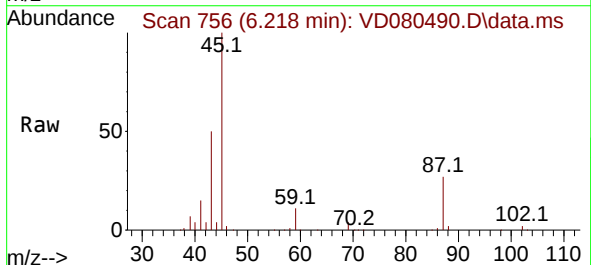
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

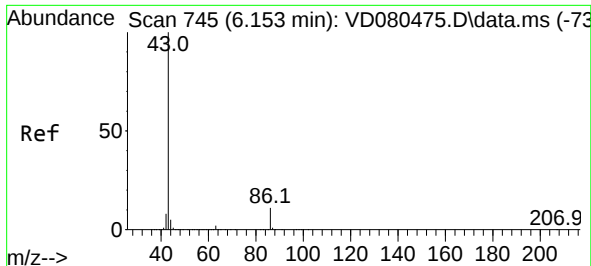
Tgt Ion: 96 Resp: 101078
Ion Ratio Lower Upper
96 100
61 132.3 108.6 163.0
98 63.6 51.5 77.3



#22
Diisopropyl ether
Concen: 20.439 ug/l
RT: 6.218 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 45 Resp: 319983
Ion Ratio Lower Upper
45 100
43 49.8 39.5 59.3
87 27.3 22.3 33.5
59 11.1 9.3 13.9

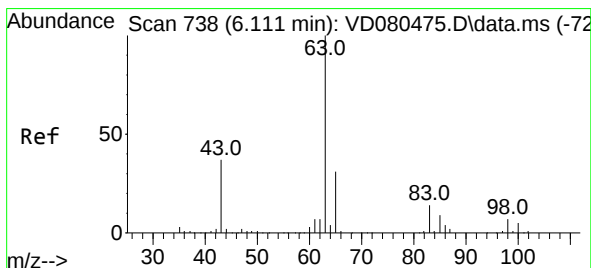
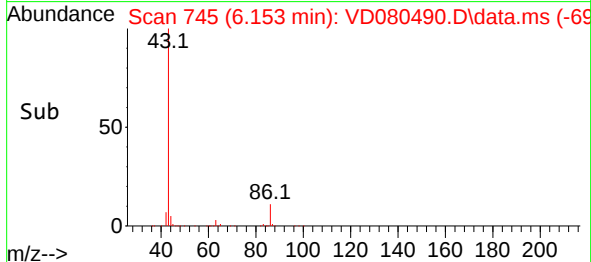
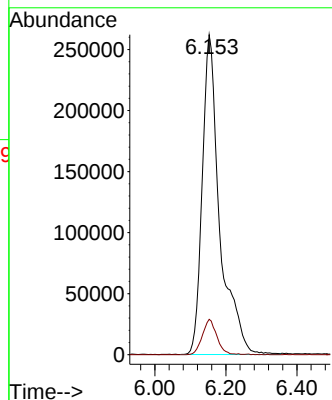
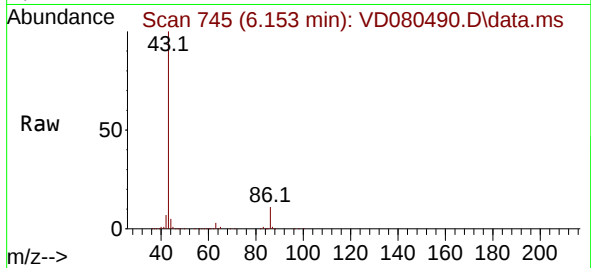




#23
 Vinyl Acetate
 Concen: 100.645 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080490.D
 Acq: 27 Jun 2025 12:08

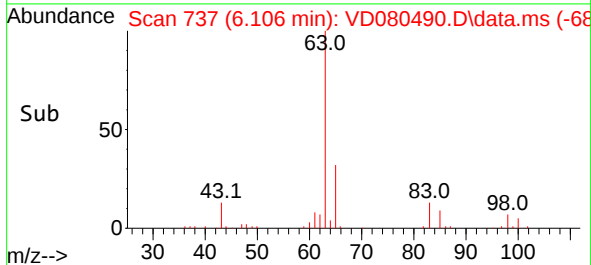
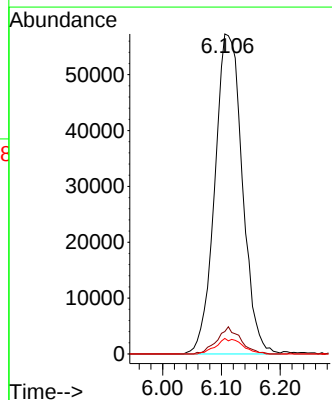
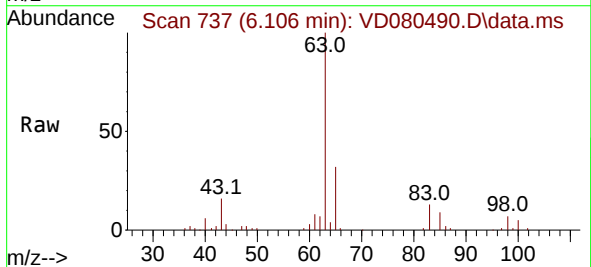
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBS01

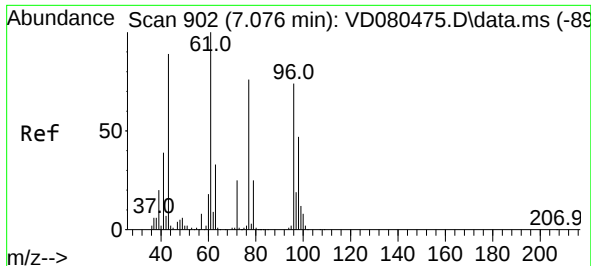
Tgt Ion: 43 Resp: 897822
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 20.286 ug/l
 RT: 6.106 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD080490.D
 Acq: 27 Jun 2025 12:08

Tgt Ion: 63 Resp: 186350
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.8 2.5 7.4

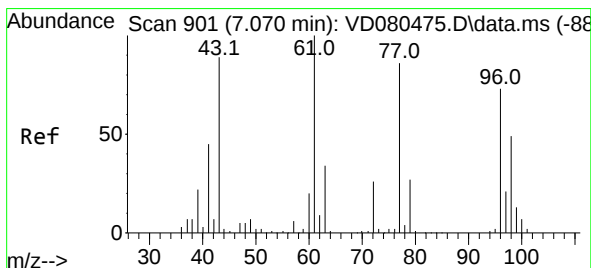
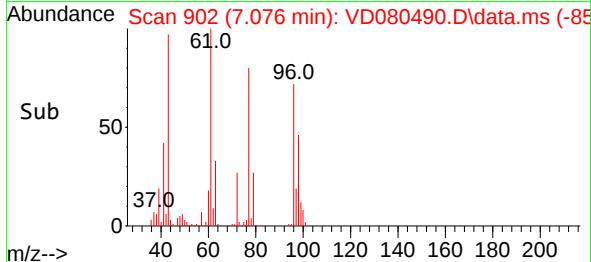
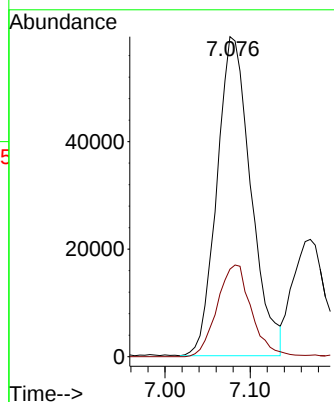
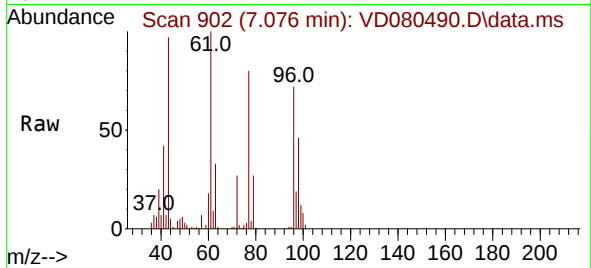




#25
2-Butanone
Concen: 108.303 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

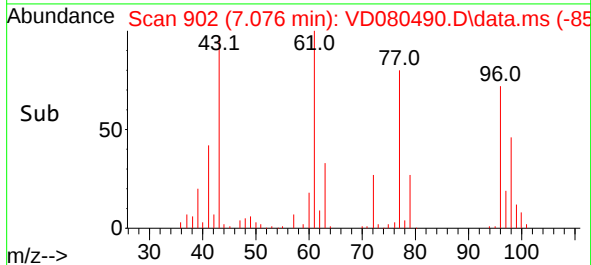
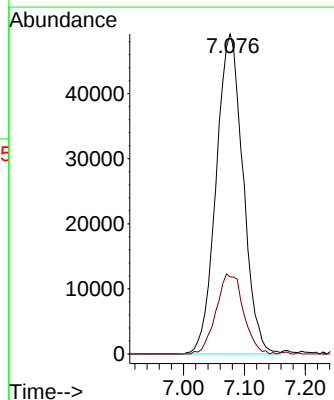
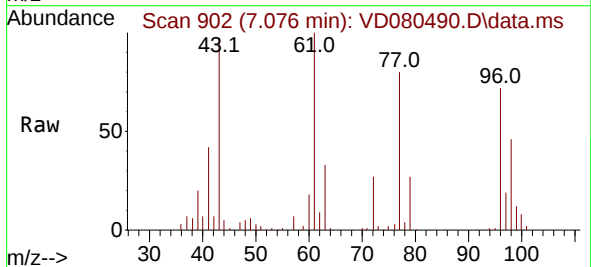
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

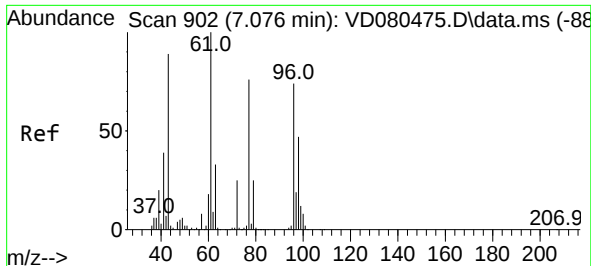
Tgt Ion: 43 Resp: 164741
Ion Ratio Lower Upper
43 100
72 27.4 22.8 34.2



#26
2,2-Dichloropropane
Concen: 20.718 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 77 Resp: 150609
Ion Ratio Lower Upper
77 100
97 25.3 12.2 36.6

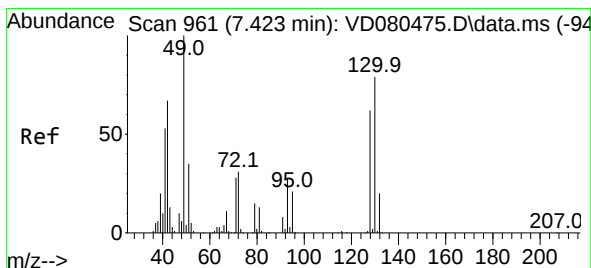
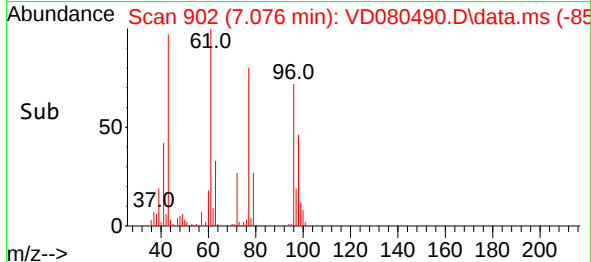
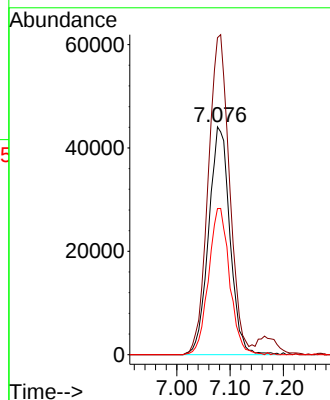
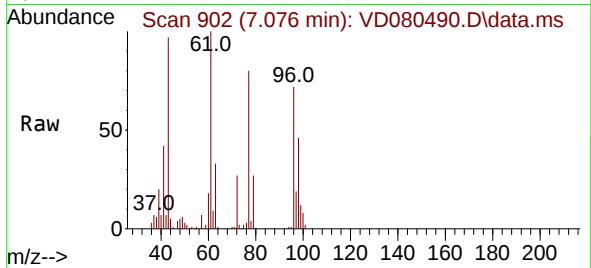




#27
 cis-1,2-Dichloroethene
 Concen: 19.813 ug/l
 RT: 7.076 min Scan# 902
 Delta R.T. 0.000 min
 Lab File: VD080490.D
 Acq: 27 Jun 2025 12:08

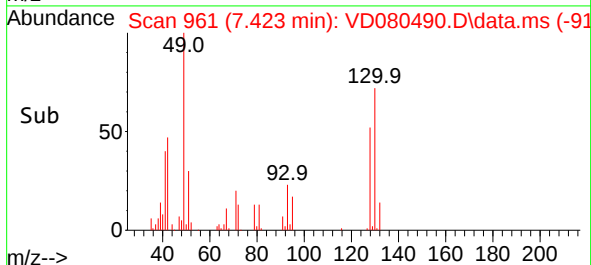
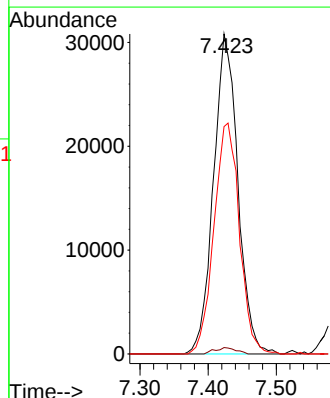
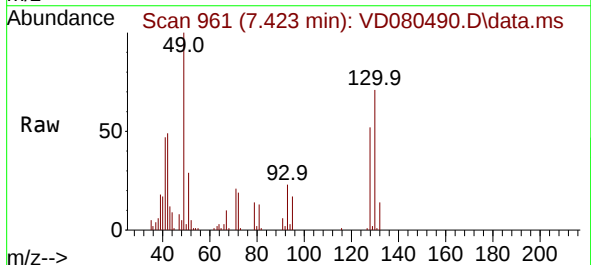
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBS01

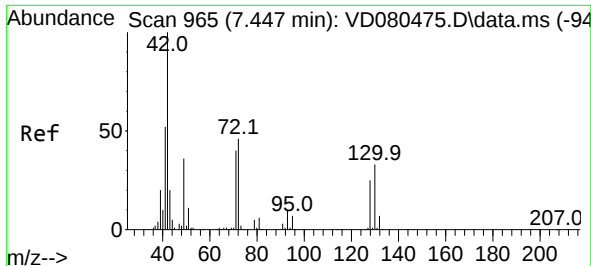
Tgt Ion: 96 Resp: 122335
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 274.6
 98 63.6 0.0 128.0



#28
 Bromochloromethane
 Concen: 21.162 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. 0.000 min
 Lab File: VD080490.D
 Acq: 27 Jun 2025 12:08

Tgt Ion: 49 Resp: 76639
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 75.3 62.8 94.2





#29

Tetrahydrofuran

Concen: 95.480 ug/l

RT: 7.441 min Scan# 914

Delta R.T. -0.006 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBS01

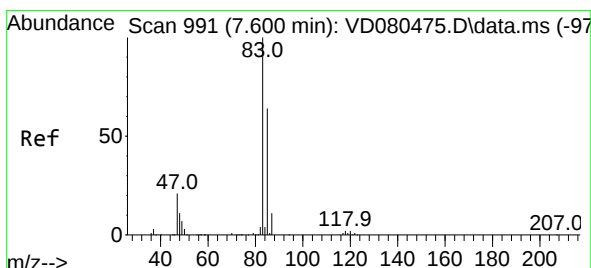
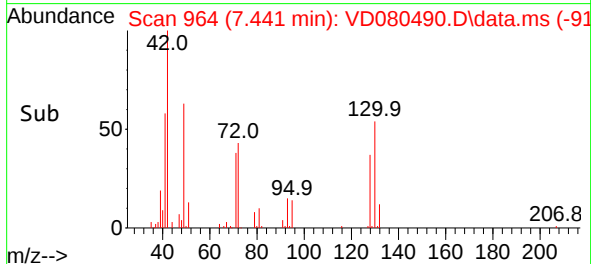
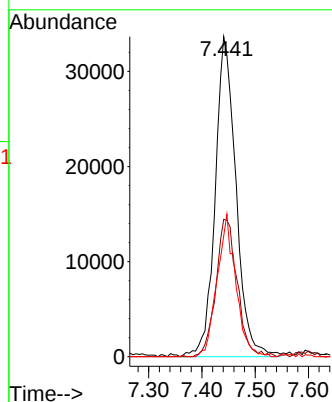
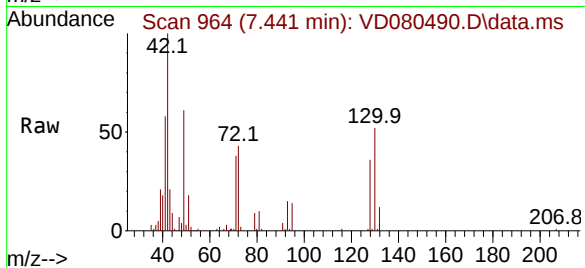
Tgt Ion: 42 Resp: 91499

Ion Ratio Lower Upper

42 100

72 44.0 35.9 53.9

71 40.1 33.2 49.8



#30

Chloroform

Concen: 20.331 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.006 min

Lab File: VD080490.D

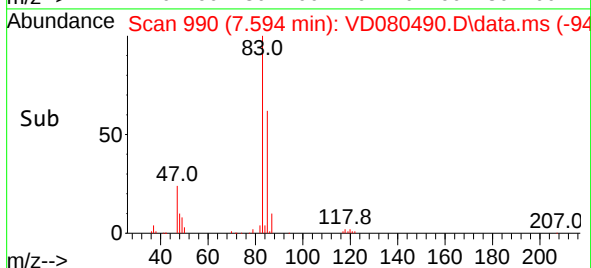
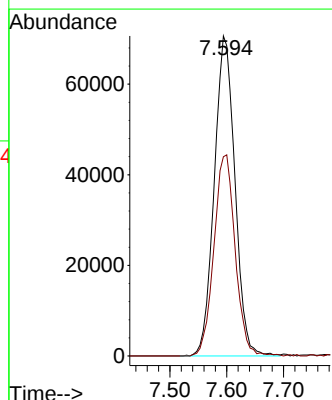
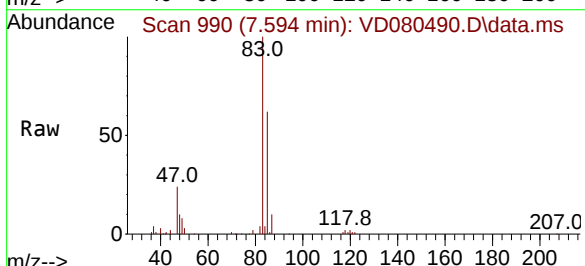
Acq: 27 Jun 2025 12:08

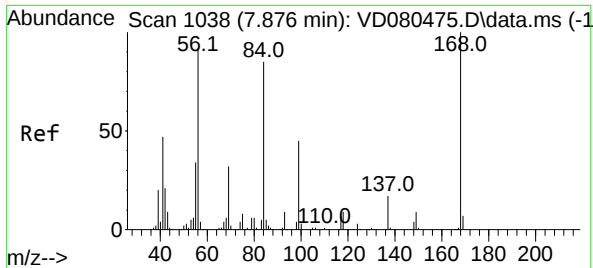
Tgt Ion: 83 Resp: 178773

Ion Ratio Lower Upper

83 100

85 62.3 51.2 76.8

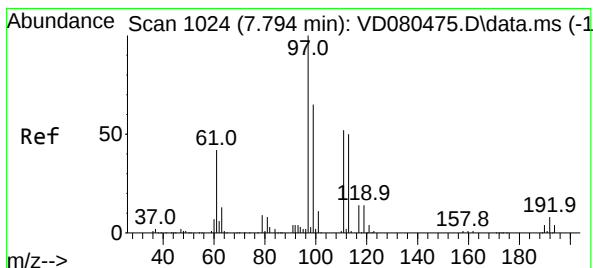
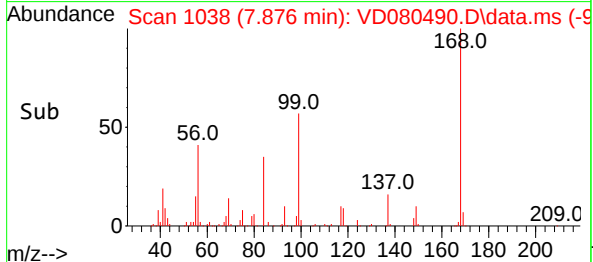
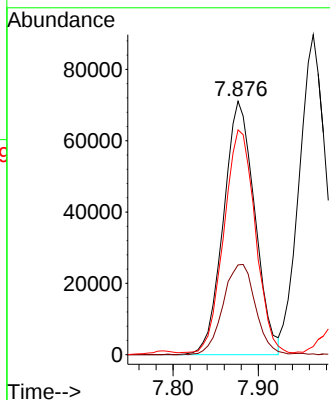
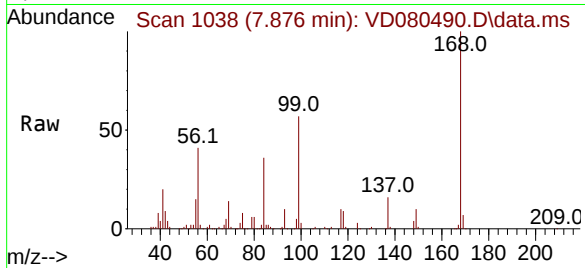




#31
Cyclohexane
Concen: 20.408 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

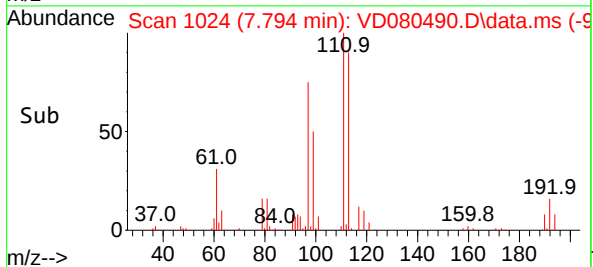
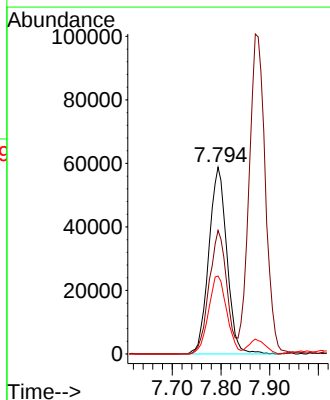
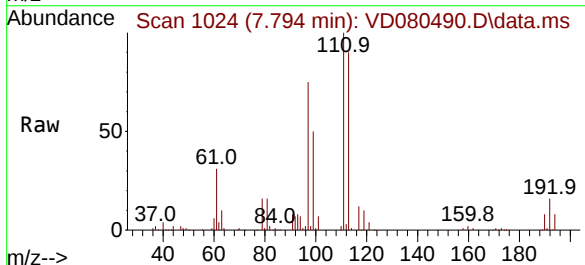
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

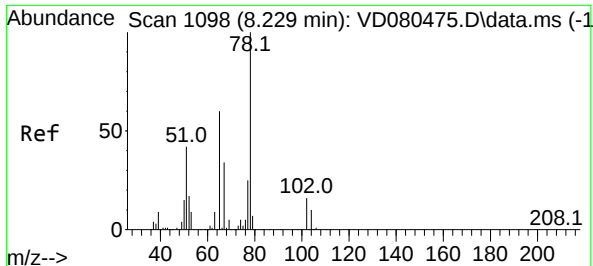
Tgt Ion: 56 Resp: 181649
Ion Ratio Lower Upper
56 100
69 35.4 28.1 42.1
84 87.9 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 20.526 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 97 Resp: 150909
Ion Ratio Lower Upper
97 100
99 65.1 51.5 77.3
61 42.3 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 53.992 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_D

ClientSampleId :

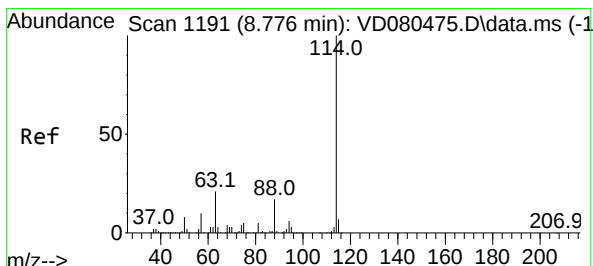
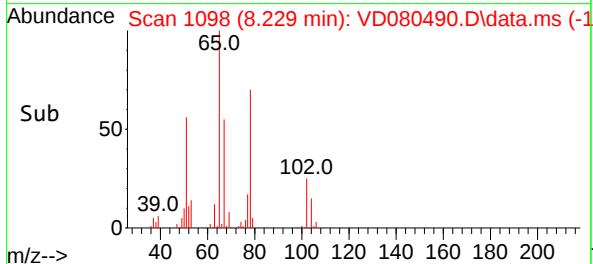
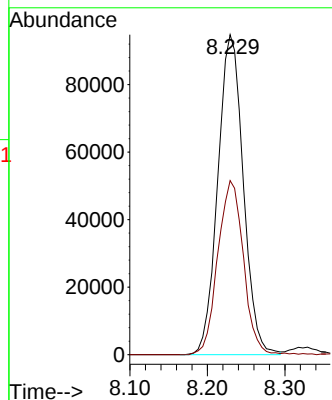
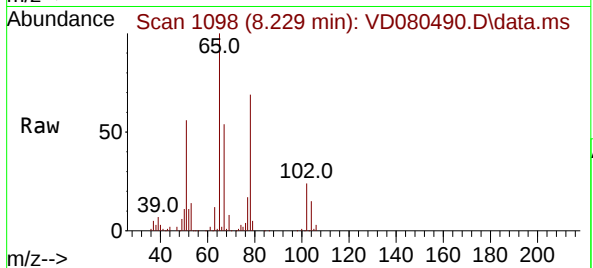
VD0627SBS01

Tgt Ion: 65 Resp: 216572

Ion Ratio Lower Upper

65 100

67 54.8 0.0 113.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

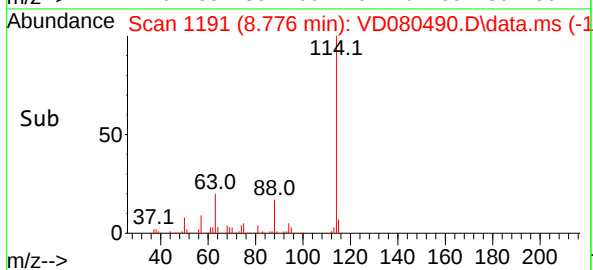
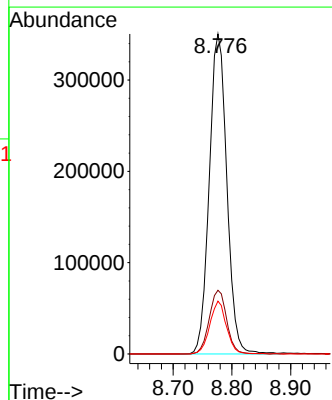
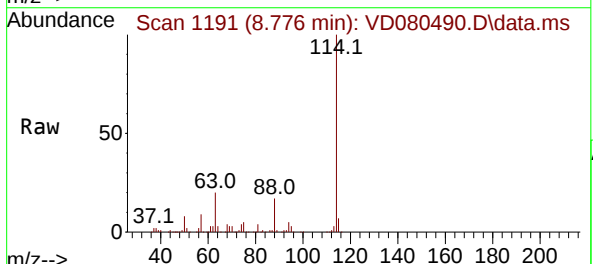
Tgt Ion: 114 Resp: 728213

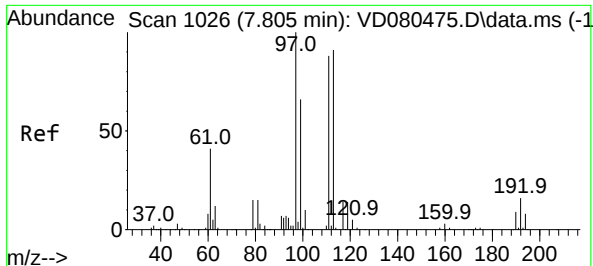
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.0

88 16.5 0.0 33.8

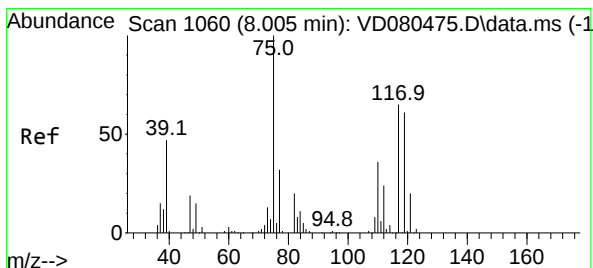
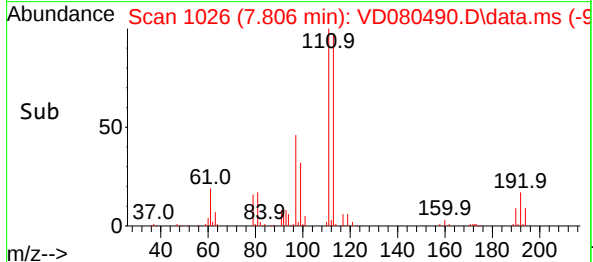
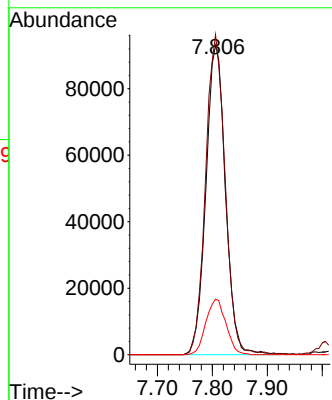
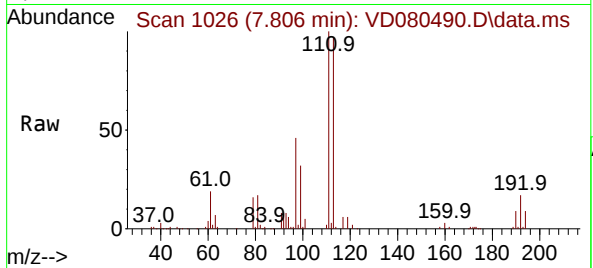




#35
Dibromofluoromethane
Concen: 56.413 ug/l
RT: 7.806 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

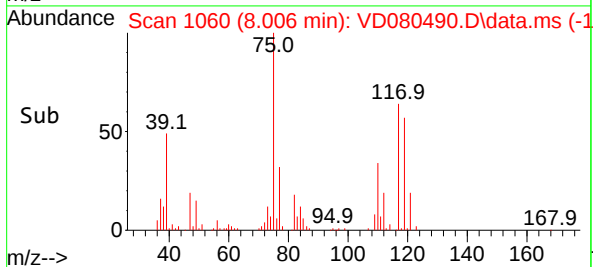
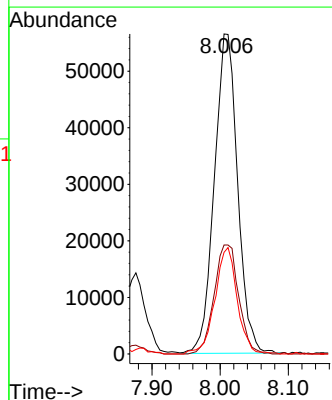
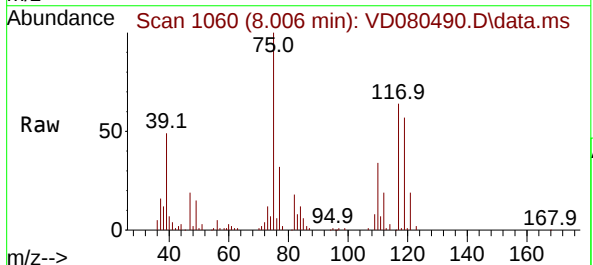
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

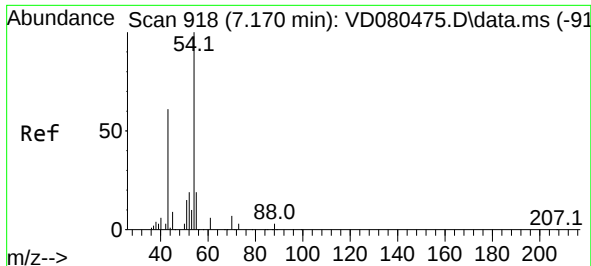
Tgt Ion:113 Resp: 230034
Ion Ratio Lower Upper
113 100
111 103.2 82.5 123.7
192 18.4 15.0 22.6



#36
1,1-Dichloropropene
Concen: 21.066 ug/l
RT: 8.006 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 75 Resp: 134157
Ion Ratio Lower Upper
75 100
110 35.9 18.2 54.6
77 32.0 25.2 37.8

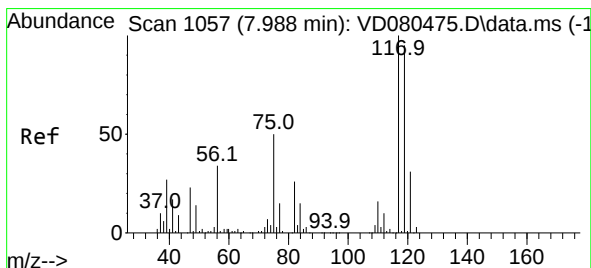
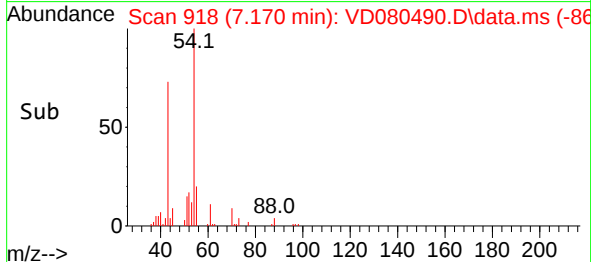
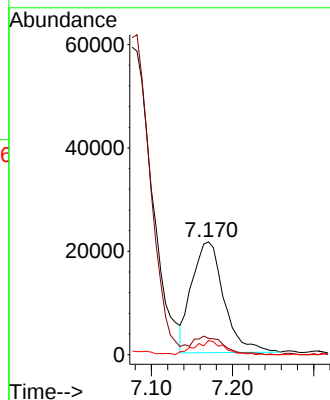
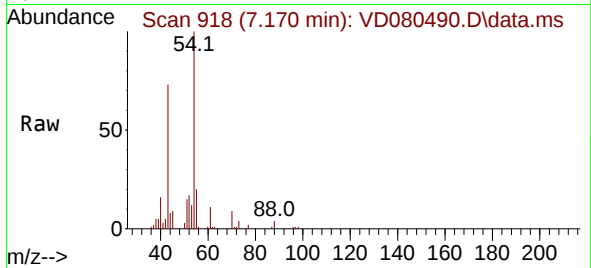




#37
Ethyl Acetate
Concen: 19.036 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

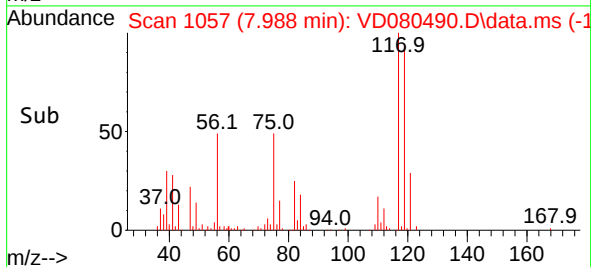
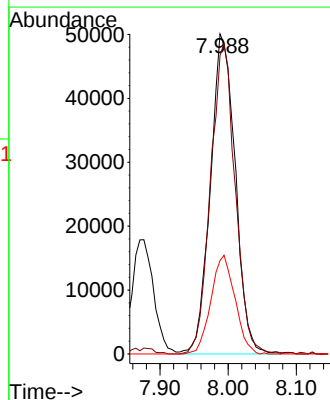
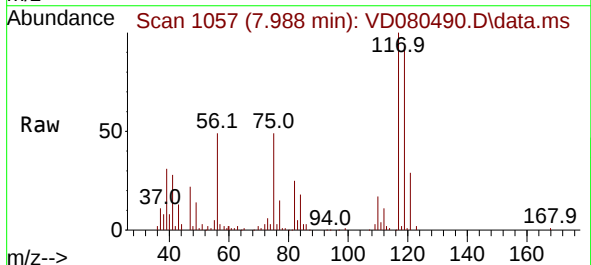
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

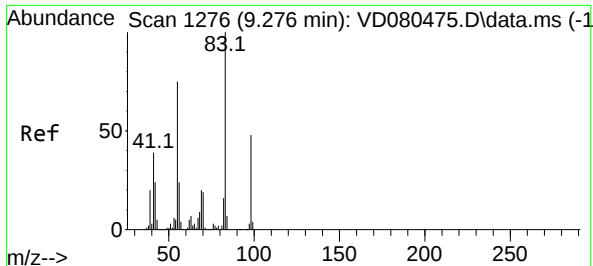
Tgt Ion: 43 Resp: 58921
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.2
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.868 ug/l
RT: 7.988 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 117 Resp: 126973
Ion Ratio Lower Upper
117 100
119 93.3 75.8 113.6
121 29.2 25.0 37.4





#39

Methylcyclohexane

Concen: 20.834 ug/l

RT: 9.276 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Instrument :

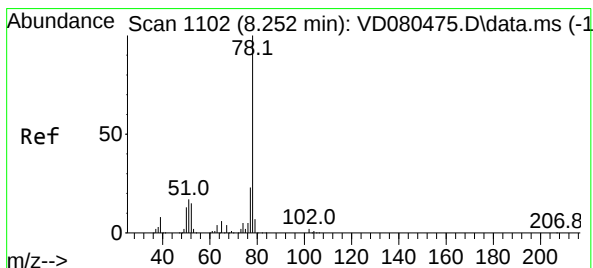
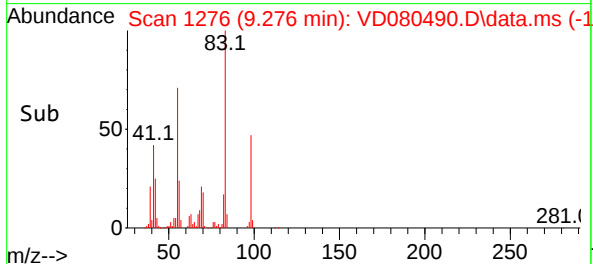
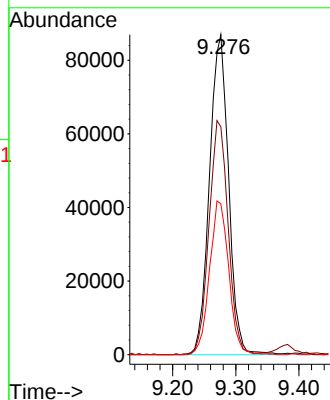
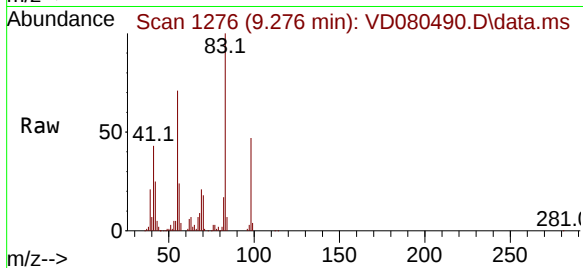
MSVOA_D

ClientSampleId :

VD0627SBS01

Tgt Ion: 83 Resp: 182674

Ion	Ratio	Lower	Upper
83	100		
55	71.2	59.8	89.8
98	47.2	38.2	57.2



#40

Benzene

Concen: 20.651 ug/l

RT: 8.247 min Scan# 1101

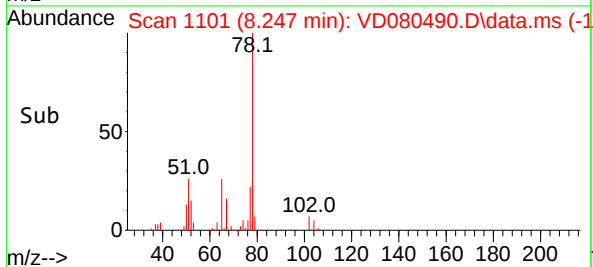
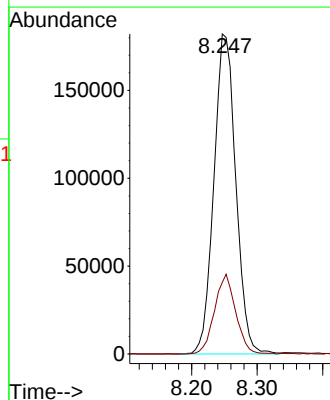
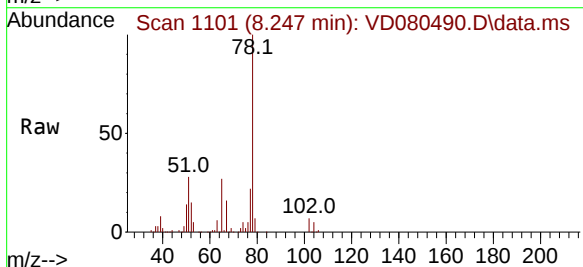
Delta R.T. -0.006 min

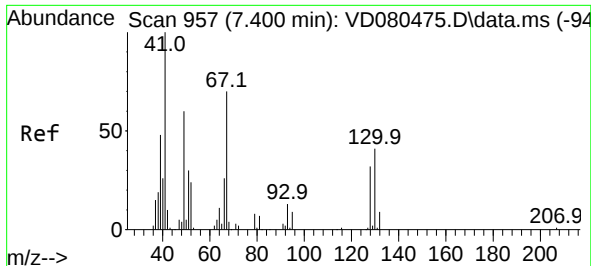
Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Tgt Ion: 78 Resp: 422109

Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.6	28.0

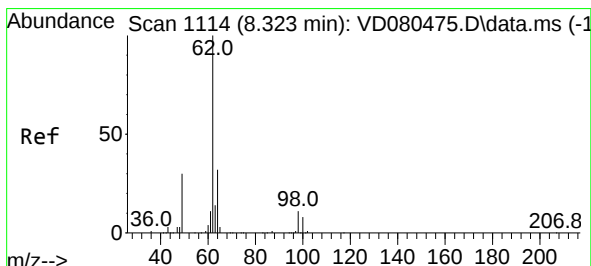
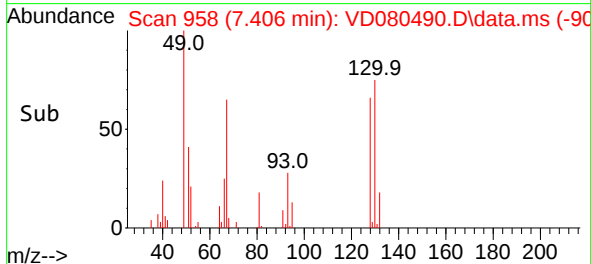
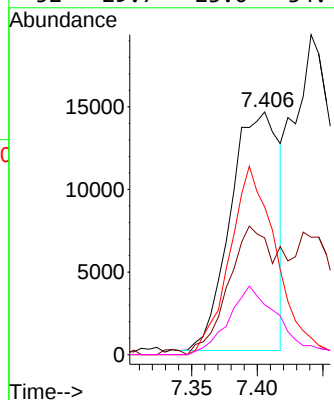
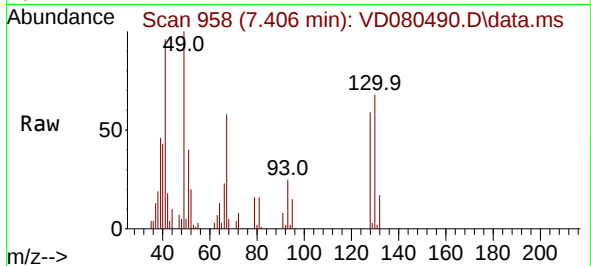




#41
Methacrylonitrile
Concen: 18.755 ug/l
RT: 7.406 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

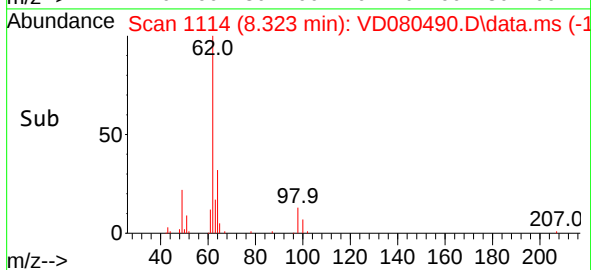
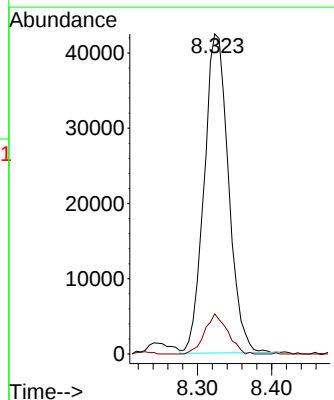
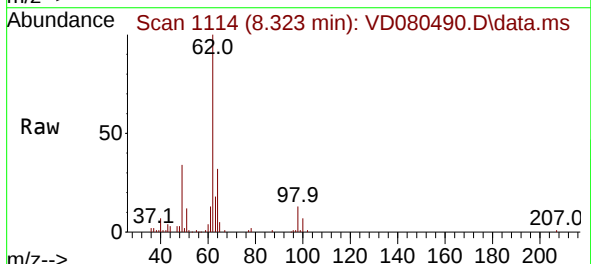
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

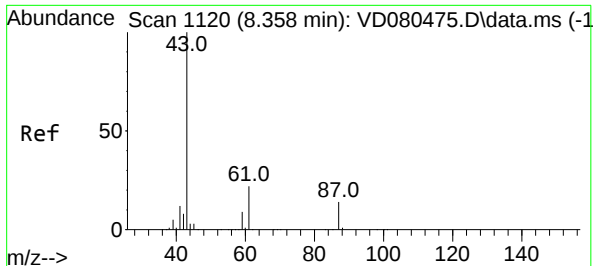
Tgt Ion:	41	Resp:	37103
Ion	Ratio	Lower	Upper
41	100		
39	58.0	43.4	65.0
67	76.0	59.2	88.8
52	29.7	23.0	34.4



#42
1,2-Dichloroethane
Concen: 20.162 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion:	62	Resp:	96948
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	22.0

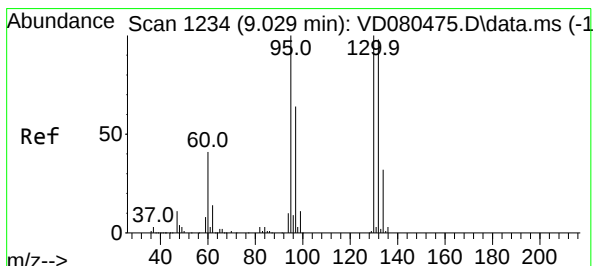
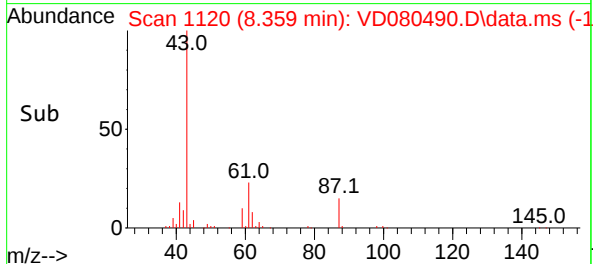
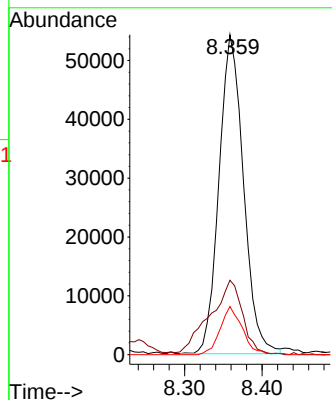
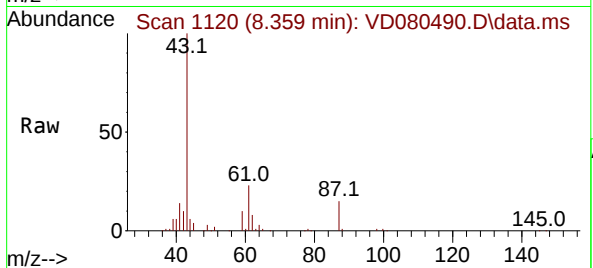




#43
Isopropyl Acetate
Concen: 19.574 ug/l
RT: 8.359 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

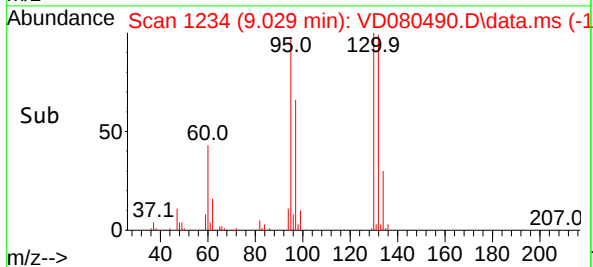
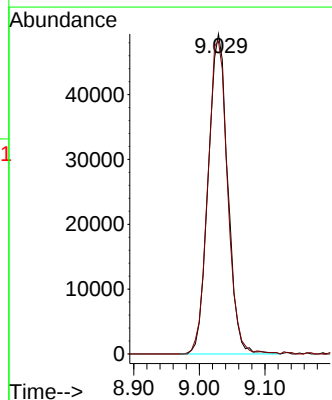
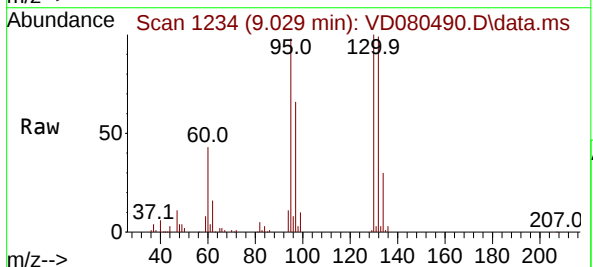
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

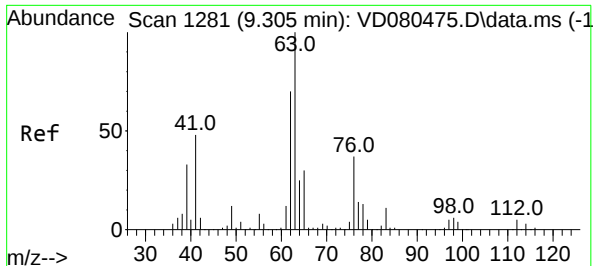
Tgt Ion: 43 Resp: 119235
Ion Ratio Lower Upper
43 100
61 31.3 24.4 36.6
87 13.8 11.4 17.2



#44
Trichloroethene
Concen: 20.608 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion:130 Resp: 102088
Ion Ratio Lower Upper
130 100
95 97.7 0.0 200.6





#45

1,2-Dichloropropane

Concen: 21.095 ug/l

RT: 9.306 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_D

ClientSampleId :

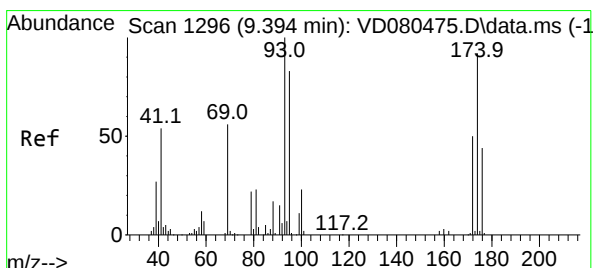
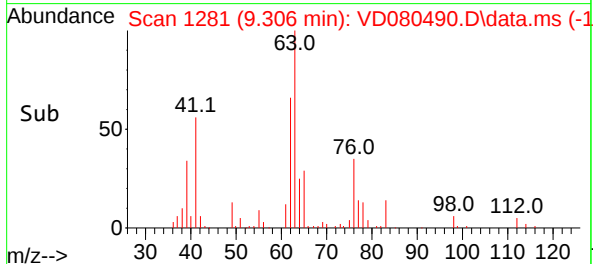
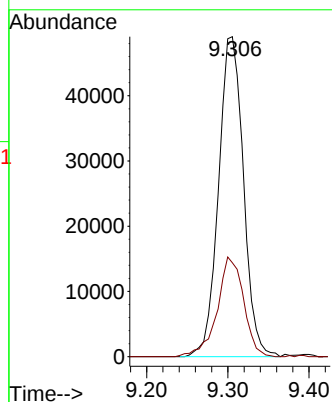
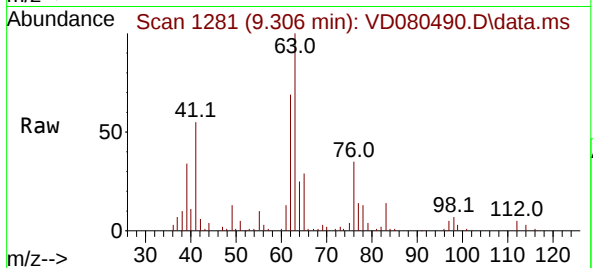
VD0627SBS01

Tgt Ion: 63 Resp: 104572

Ion Ratio Lower Upper

63 100

65 29.3 24.0 36.0



#46

Dibromomethane

Concen: 20.196 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

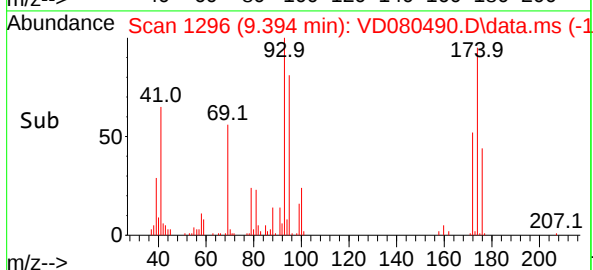
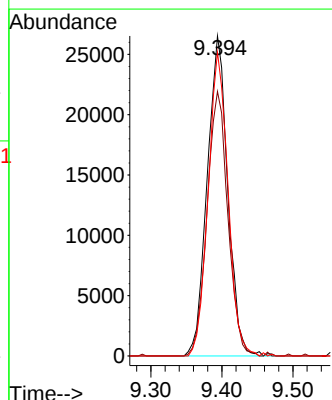
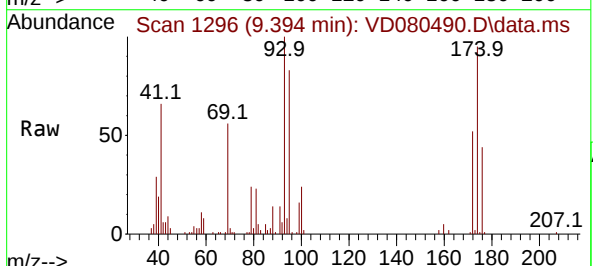
Tgt Ion: 93 Resp: 53381

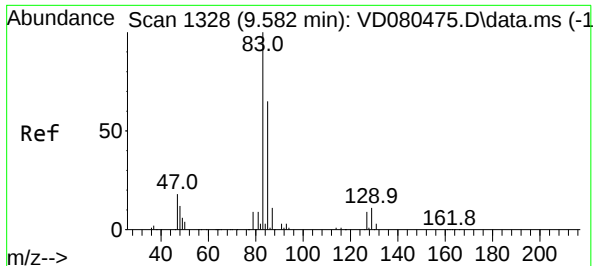
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 91.6 75.4 113.0

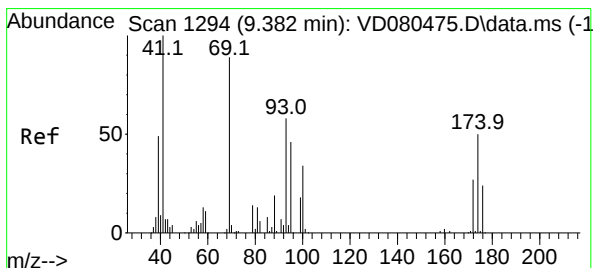
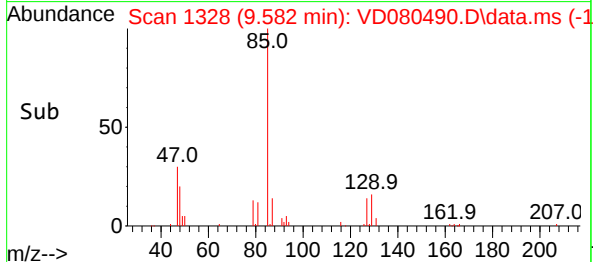
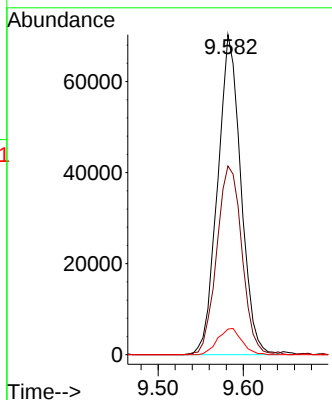
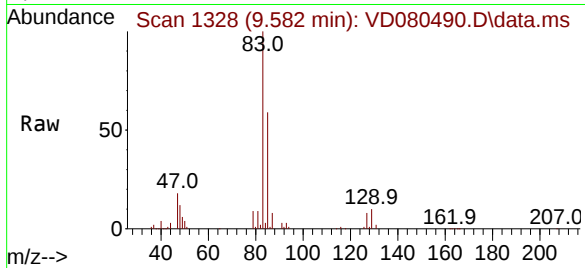




#47
Bromodichloromethane
Concen: 20.381 ug/l
RT: 9.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

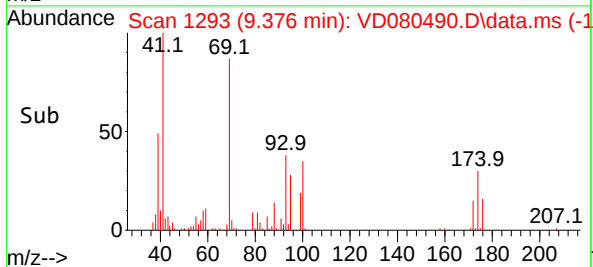
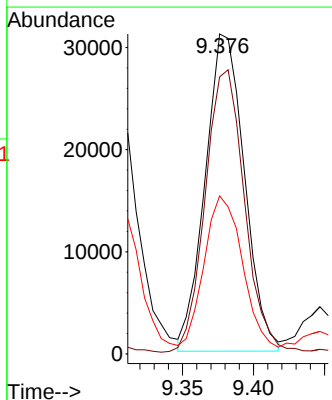
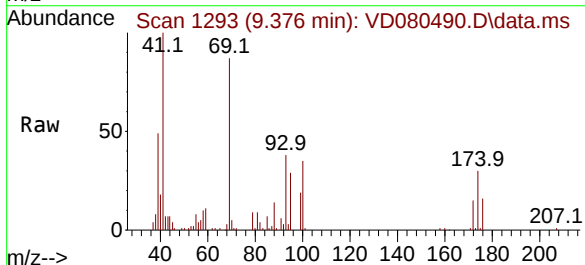
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

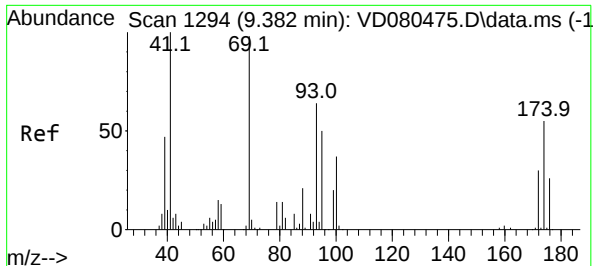
Tgt Ion: 83 Resp: 133546
Ion Ratio Lower Upper
83 100
85 58.9 52.2 78.2
127 8.0 6.9 10.3



#48
Methyl methacrylate
Concen: 19.373 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 41 Resp: 59698
Ion Ratio Lower Upper
41 100
69 89.1 70.2 105.4
39 46.0 40.2 60.2





#49

1,4-Dioxane

Concen: 357.443 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBS01

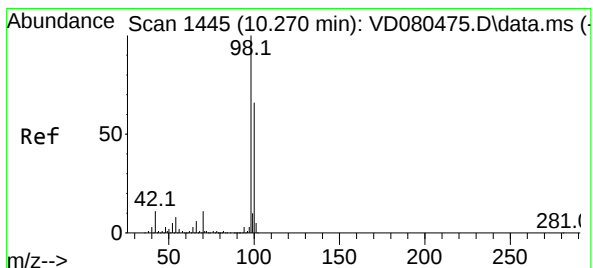
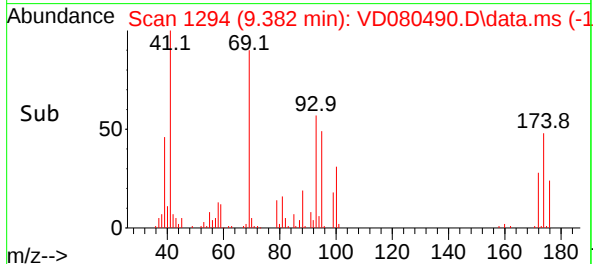
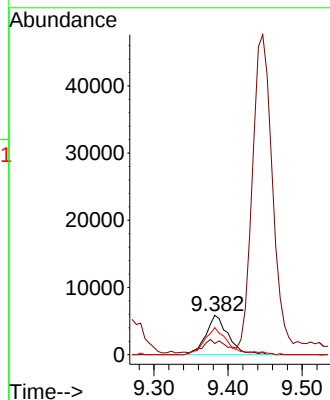
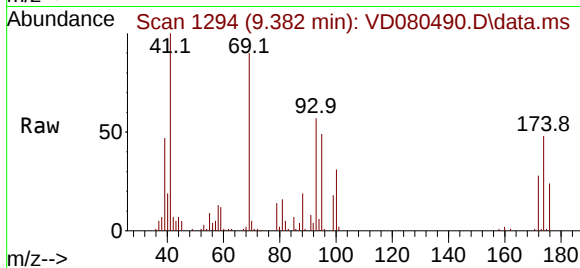
Tgt Ion: 88 Resp: 12256

Ion Ratio Lower Upper

88 100

43 28.0 26.7 40.1

58 67.5 56.4 84.6



#50

Toluene-d8

Concen: 57.348 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080490.D

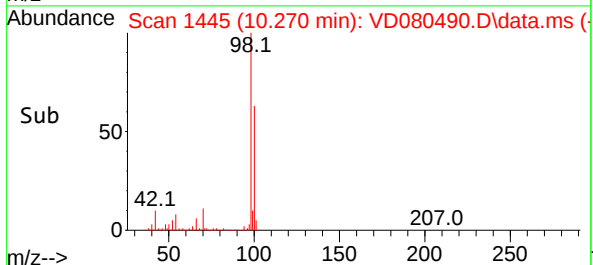
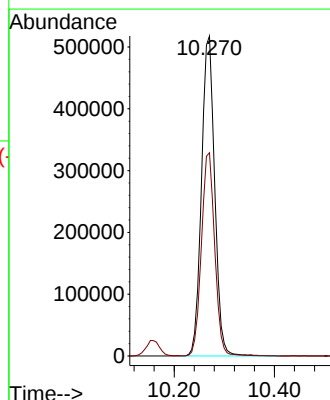
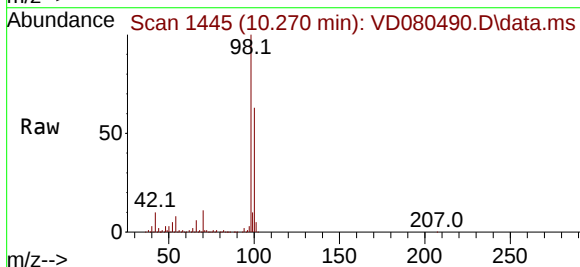
Acq: 27 Jun 2025 12:08

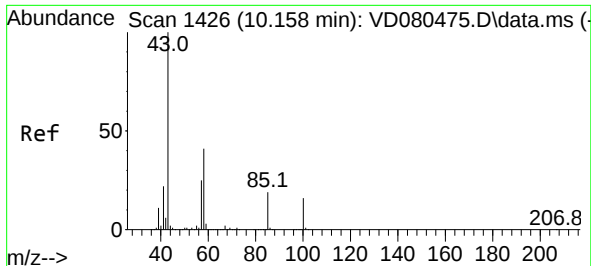
Tgt Ion: 98 Resp: 944714

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.4

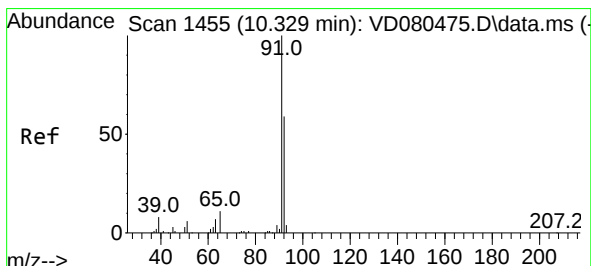
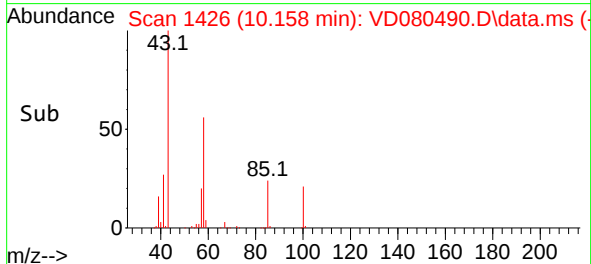
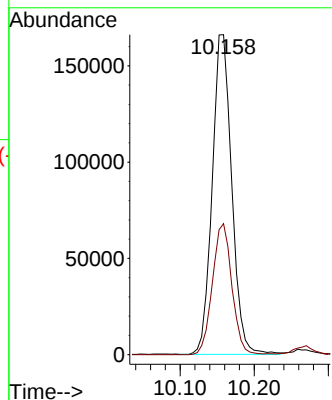
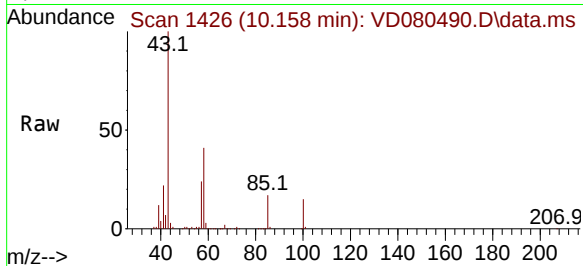




#51
4-Methyl-2-Pentanone
Concen: 98.260 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

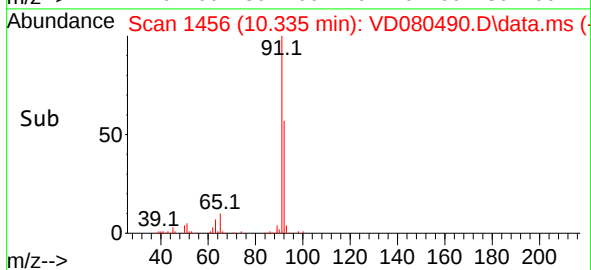
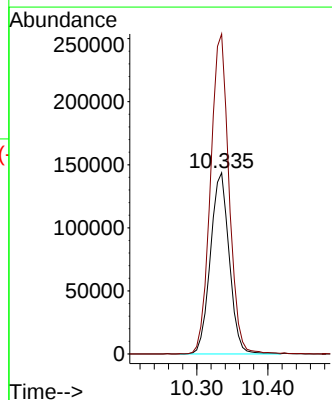
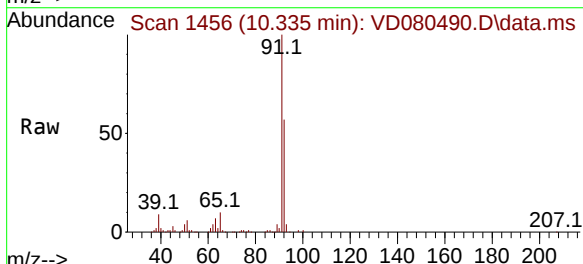
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

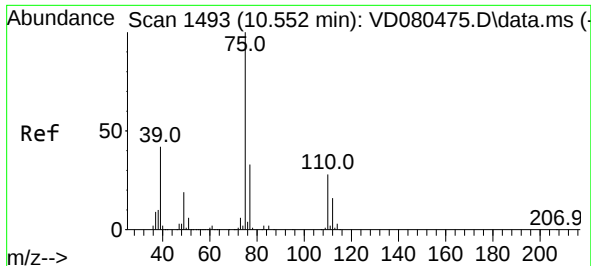
Tgt Ion: 43 Resp: 303957
Ion Ratio Lower Upper
43 100
58 40.9 33.3 49.9



#52
Toluene
Concen: 20.607 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 92 Resp: 263260
Ion Ratio Lower Upper
92 100
91 174.6 137.1 205.7

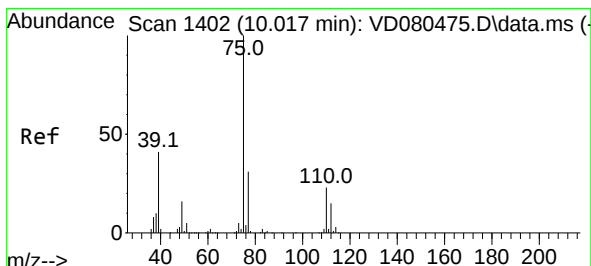
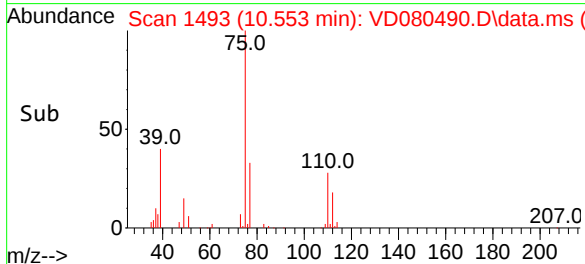
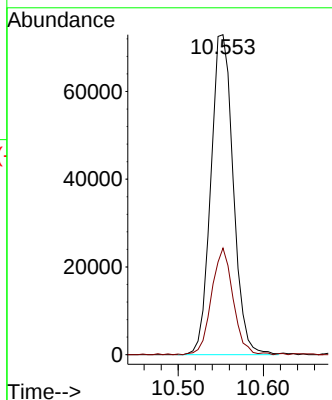
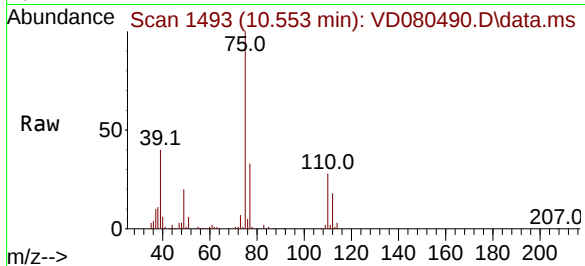




#53
 t-1,3-Dichloropropene
 Concen: 20.345 ug/l
 RT: 10.553 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080490.D
 Acq: 27 Jun 2025 12:08

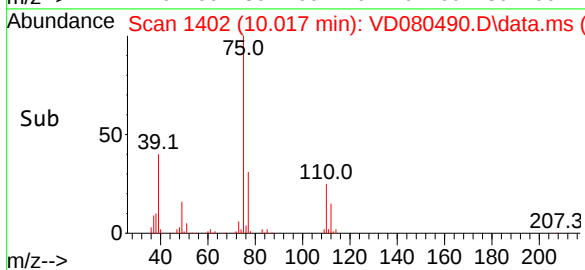
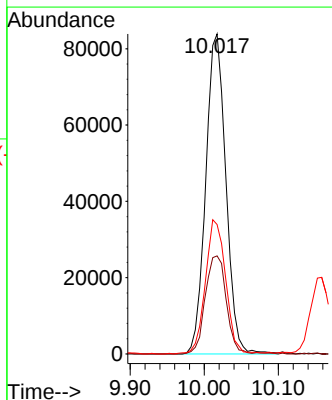
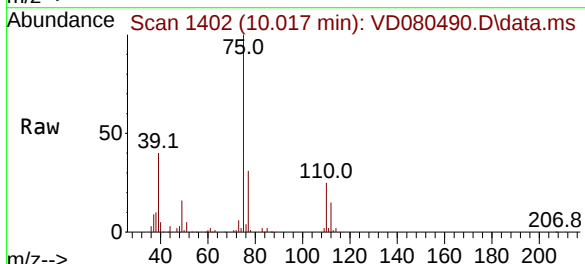
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBS01

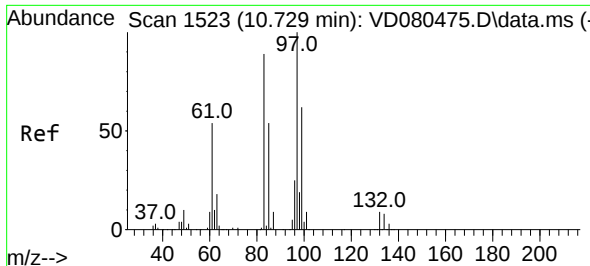
Tgt Ion: 75 Resp: 133522
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.081 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080490.D
 Acq: 27 Jun 2025 12:08

Tgt Ion: 75 Resp: 158327
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.9 37.3
 39 40.2 32.5 48.7

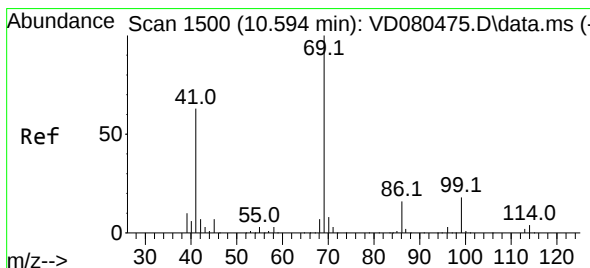
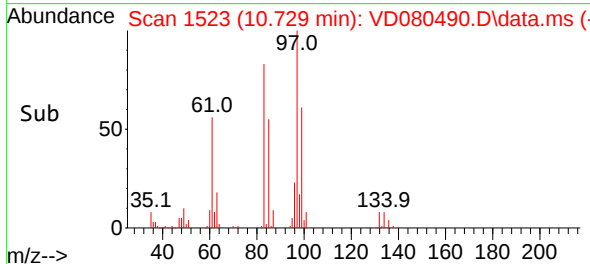
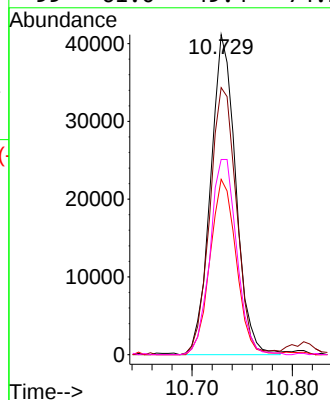
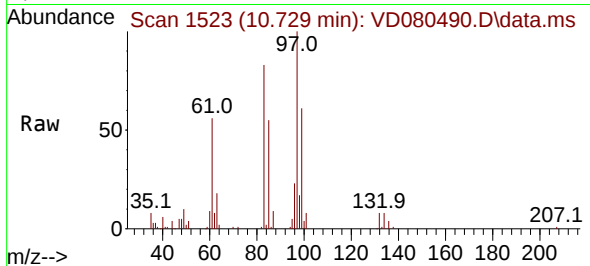




#55
1,1,2-Trichloroethane
Concen: 19.976 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

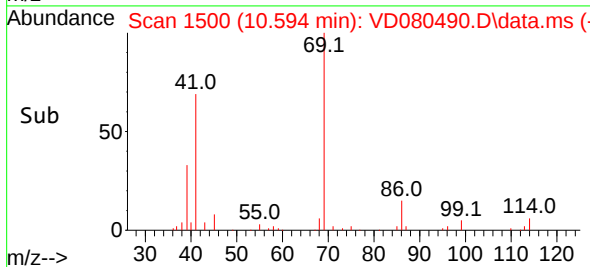
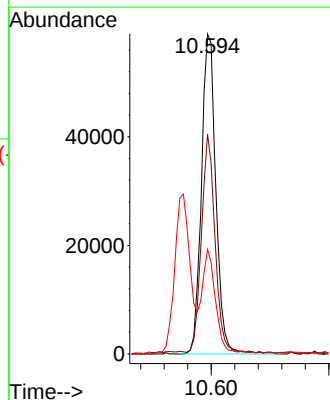
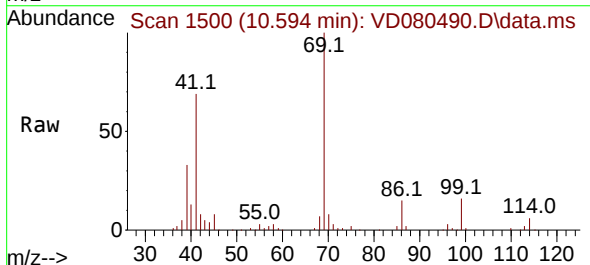
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

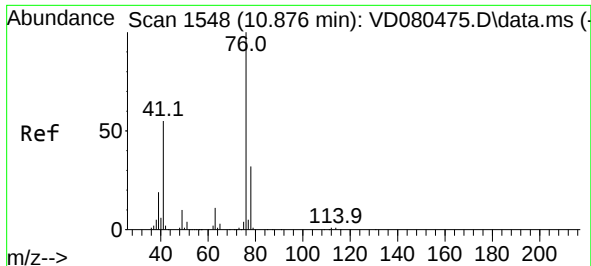
Tgt Ion:	97	Resp:	71974
Ion	Ratio	Lower	Upper
97	100		
83	83.4	71.4	107.2
85	54.8	43.4	65.2
99	61.0	49.4	74.2



#56
Ethyl methacrylate
Concen: 19.511 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion:	69	Resp:	100346
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.7	76.1
39	28.9	23.4	35.2





#57

1,3-Dichloropropane

Concen: 19.837 ug/l

RT: 10.876 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_D

ClientSampleId :

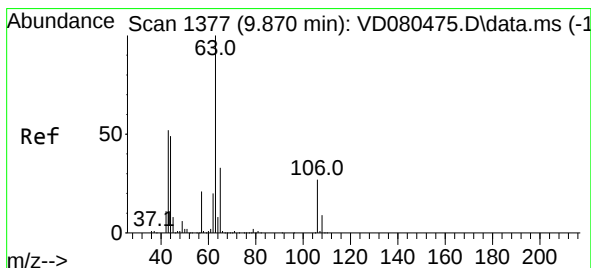
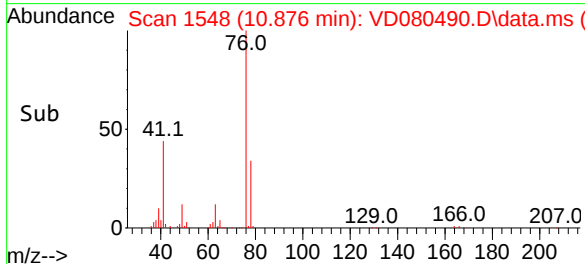
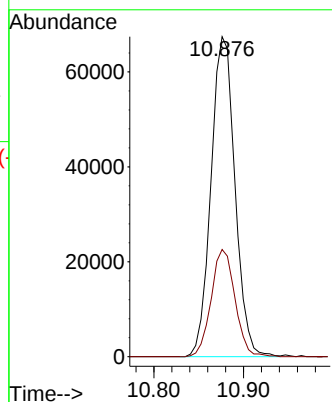
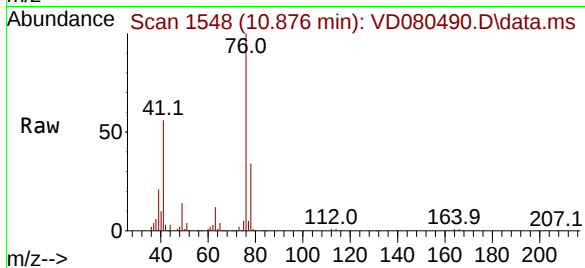
VD0627SBS01

Tgt Ion: 76 Resp: 125057

Ion Ratio Lower Upper

76 100

78 33.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 98.082 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080490.D

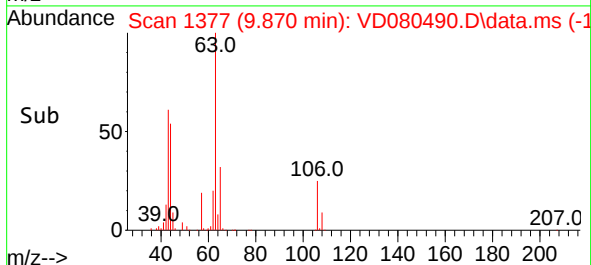
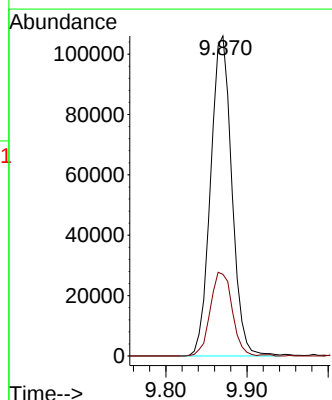
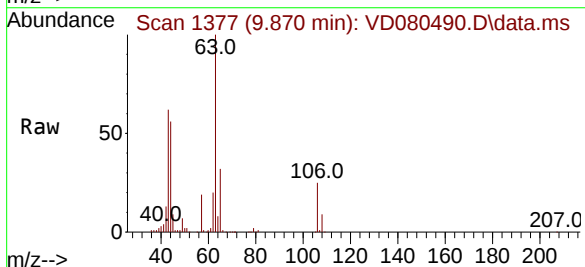
Acq: 27 Jun 2025 12:08

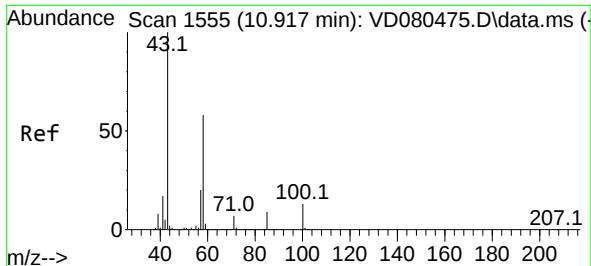
Tgt Ion: 63 Resp: 192651

Ion Ratio Lower Upper

63 100

106 26.9 21.7 32.5

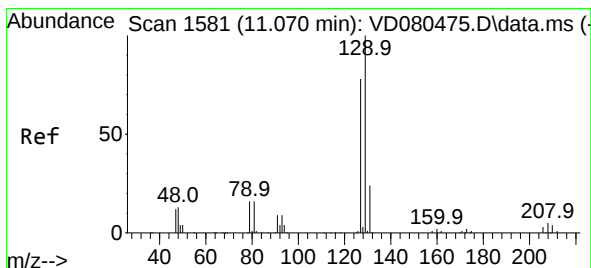
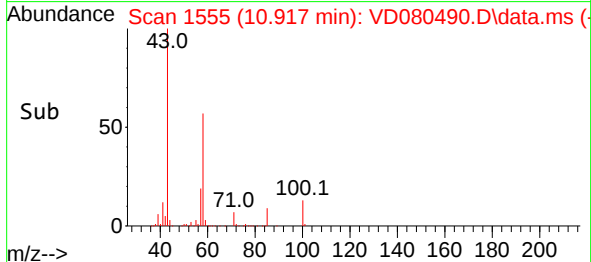
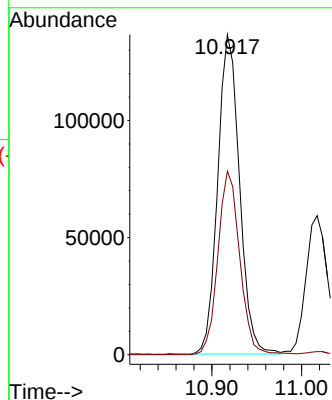
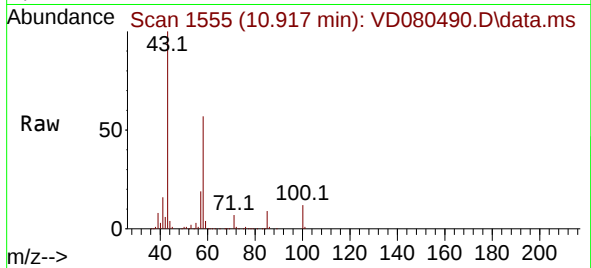




#59
2-Hexanone
Concen: 105.060 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

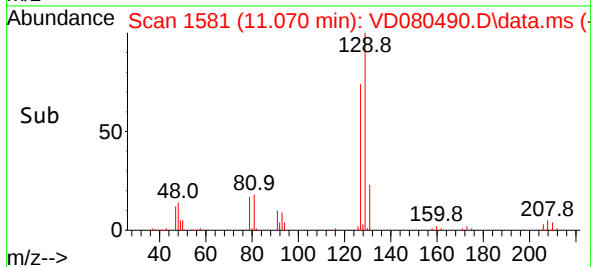
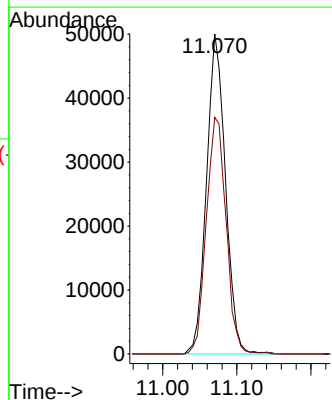
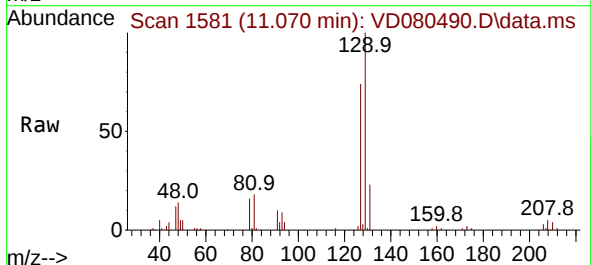
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

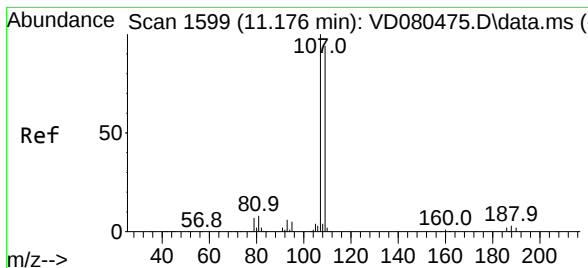
Tgt Ion: 43 Resp: 230012
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.1



#60
Dibromochloromethane
Concen: 19.955 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 129 Resp: 88740
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2

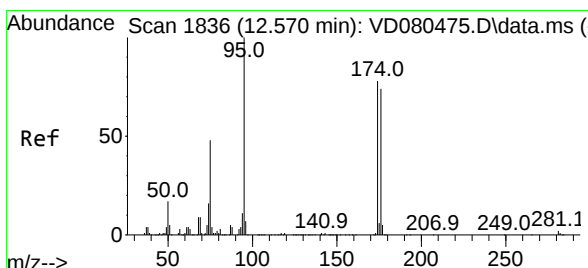
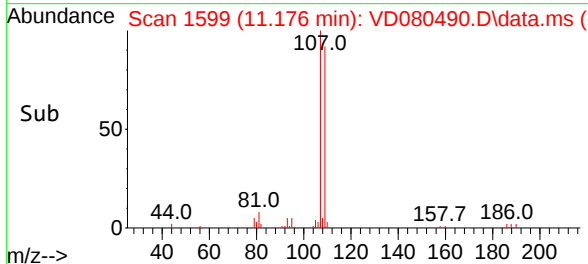
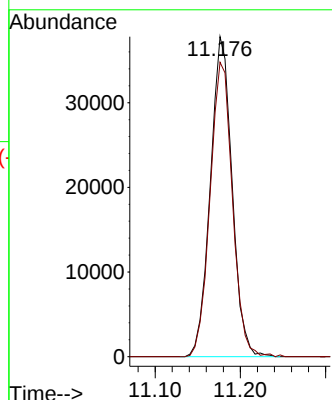
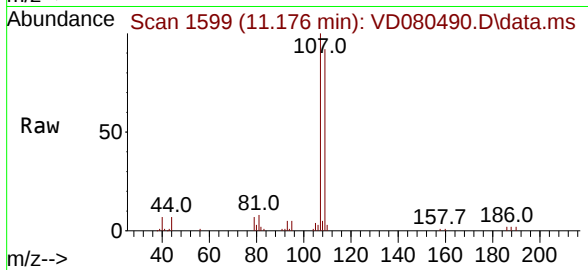




#61
1,2-Dibromoethane
Concen: 19.423 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

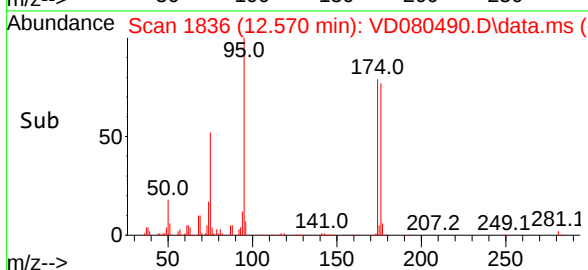
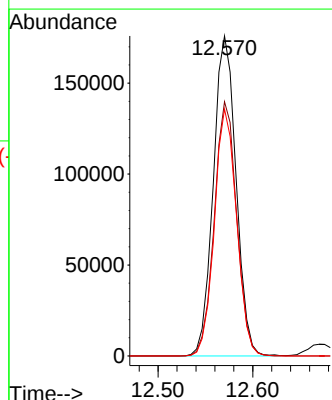
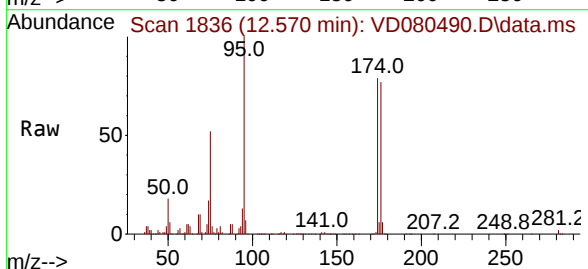
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

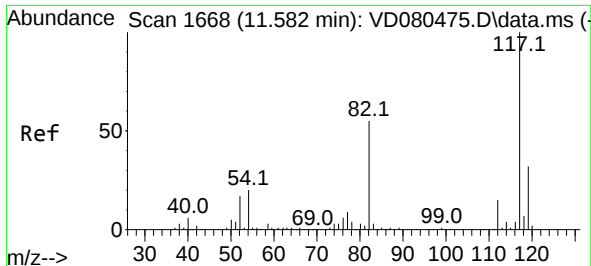
Tgt Ion:107 Resp: 66914
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 54.318 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 95 Resp: 293397
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.0
176 75.2 0.0 149.6

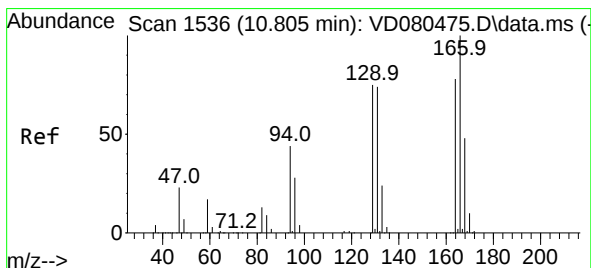
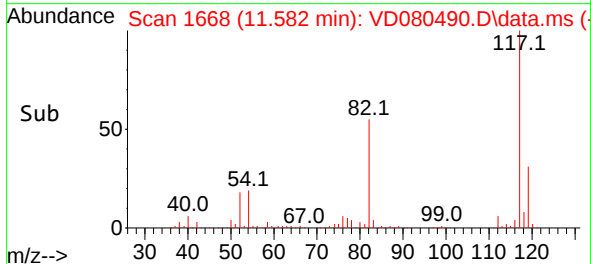
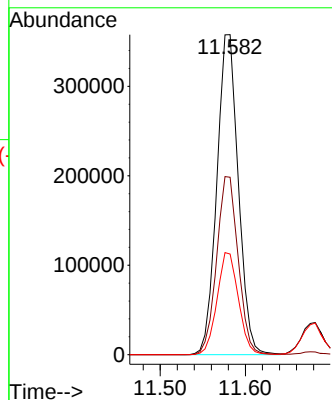
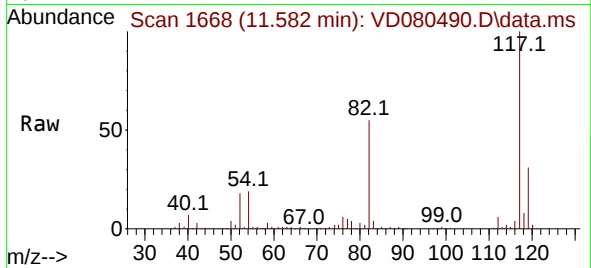




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

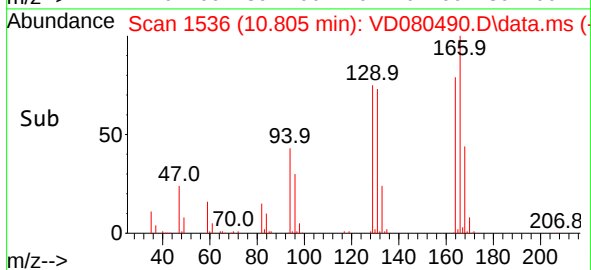
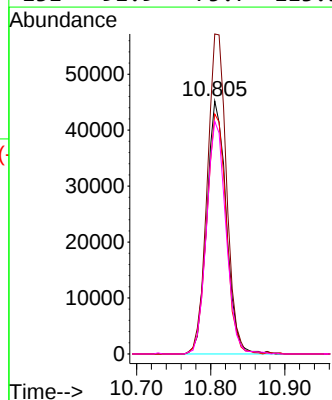
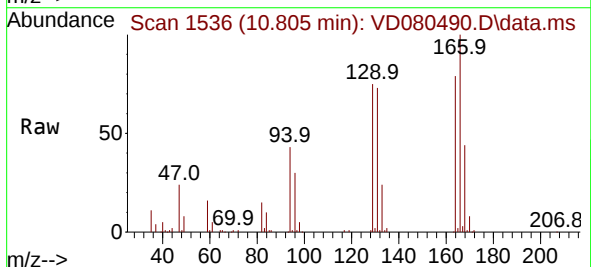
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

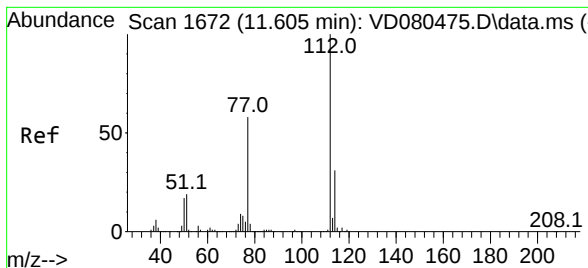
Tgt Ion:117 Resp: 627036
Ion Ratio Lower Upper
117 100
82 55.5 43.7 65.5
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 21.152 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion:164 Resp: 82320
Ion Ratio Lower Upper
164 100
166 126.5 102.6 153.8
129 94.9 76.6 115.0
131 91.9 75.7 113.5

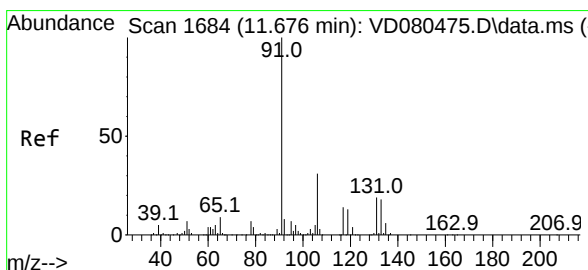
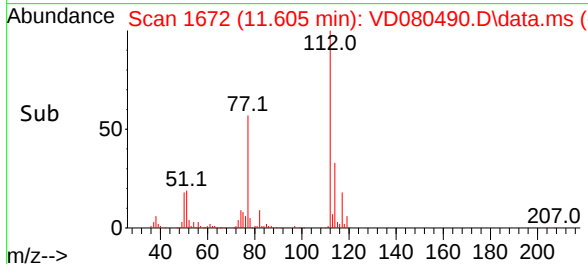
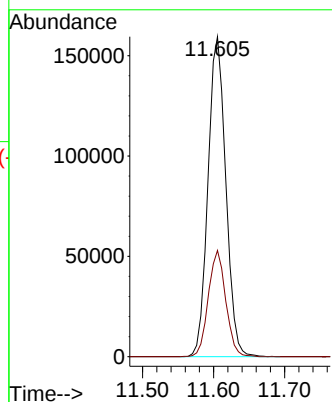
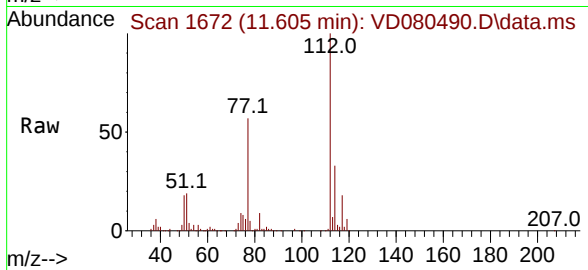




#65
Chlorobenzene
Concen: 20.567 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

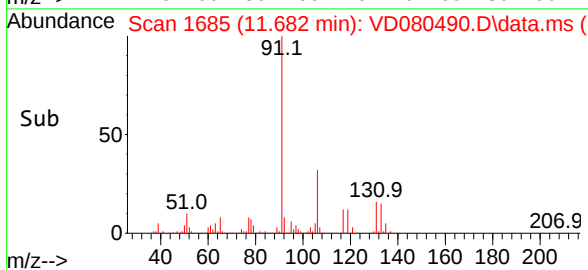
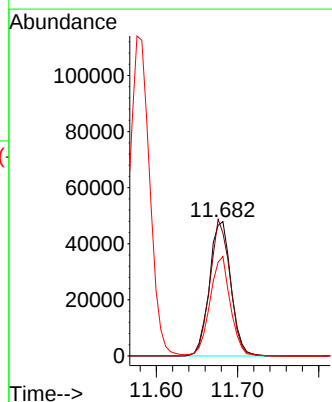
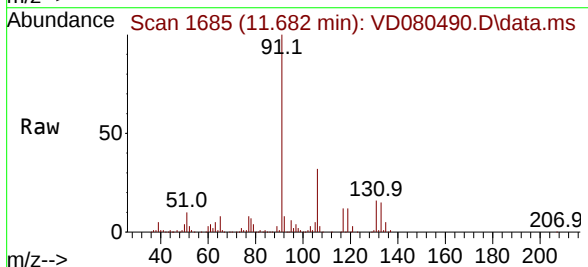
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

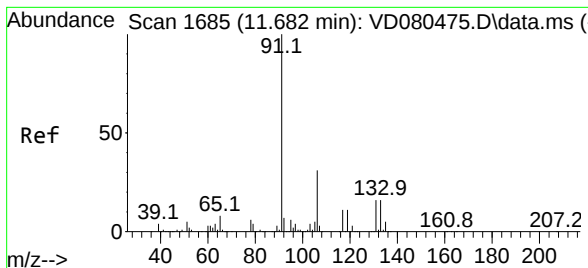
Tgt Ion:112 Resp: 278144
Ion Ratio Lower Upper
112 100
114 33.2 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.765 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion:131 Resp: 88255
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.8
119 70.1 34.9 104.7

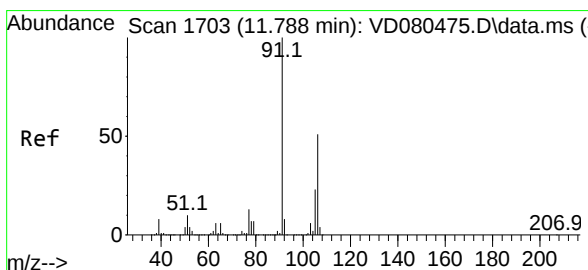
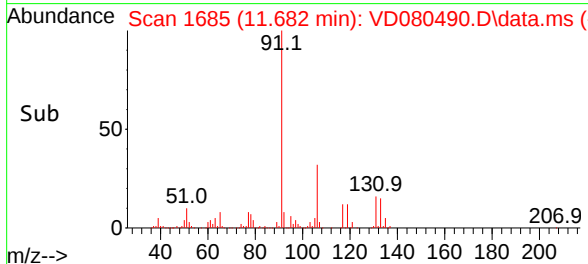
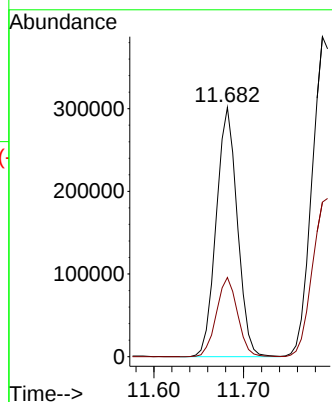
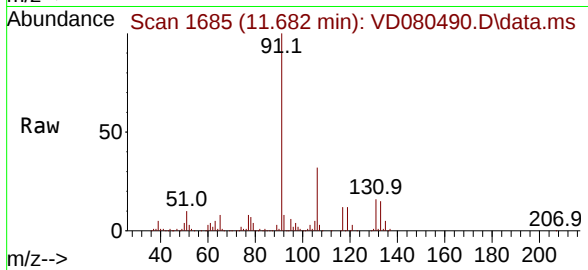




#67
Ethyl Benzene
Concen: 20.810 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

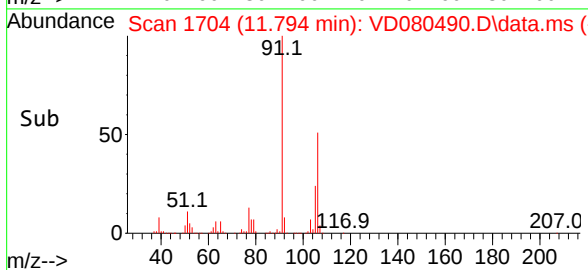
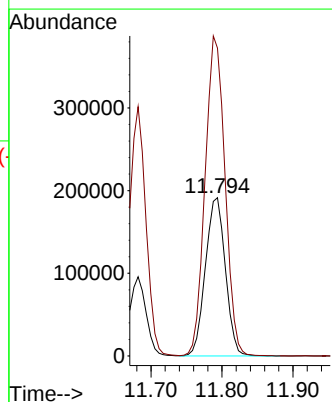
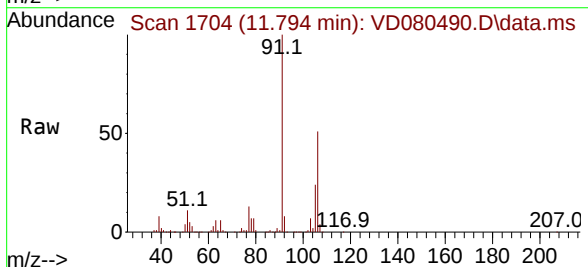
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

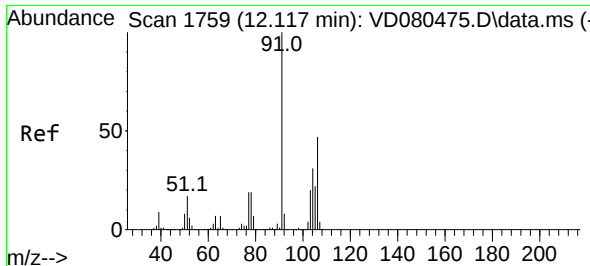
Tgt Ion: 91 Resp: 492230
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4



#68
m/p-Xylenes
Concen: 41.541 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion:106 Resp: 374164
Ion Ratio Lower Upper
106 100
91 201.7 159.9 239.9

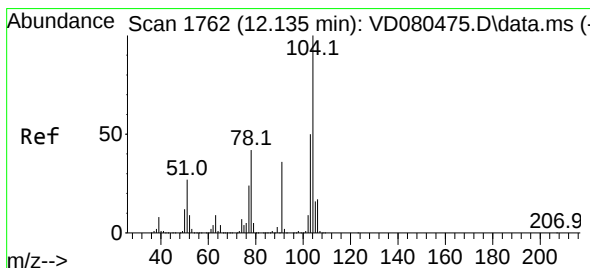
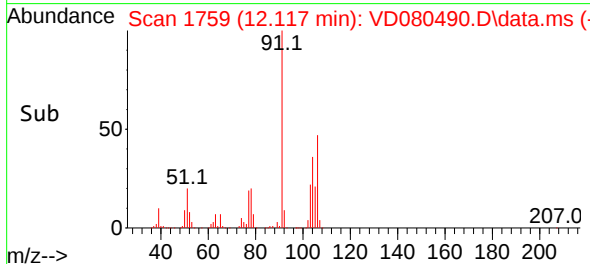
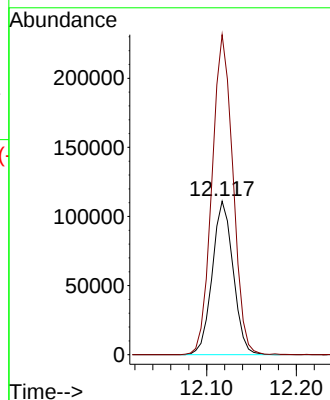
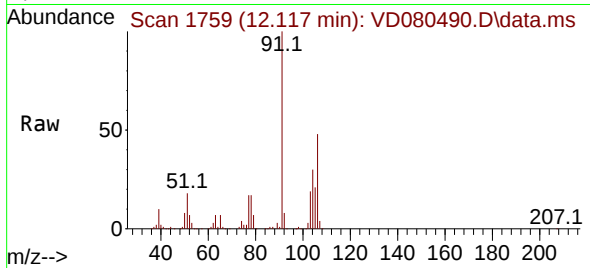




#69
o-Xylene
Concen: 20.672 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

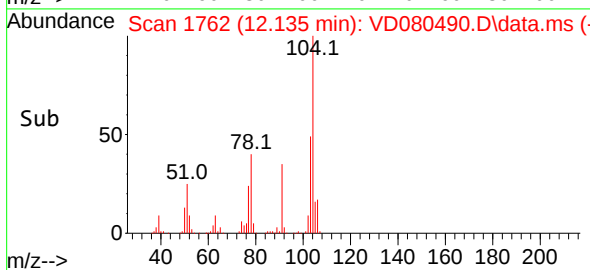
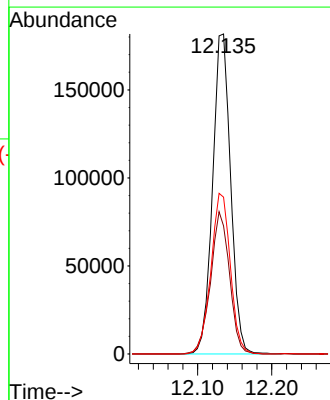
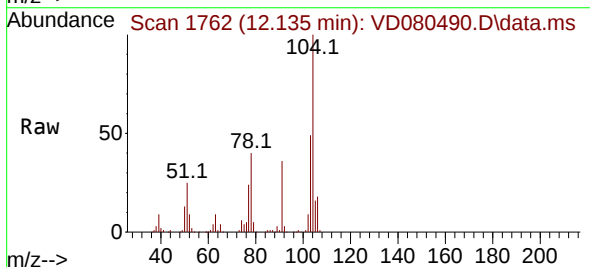
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

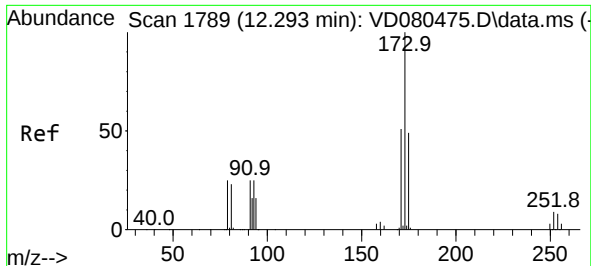
Tgt Ion:106 Resp: 179675
Ion Ratio Lower Upper
106 100
91 209.4 106.5 319.6



#70
Styrene
Concen: 20.883 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion:104 Resp: 307015
Ion Ratio Lower Upper
104 100
78 46.6 38.5 57.7
103 54.1 44.1 66.1

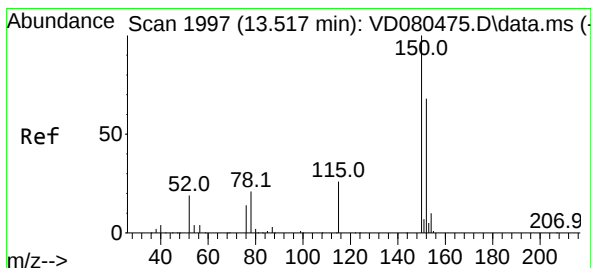
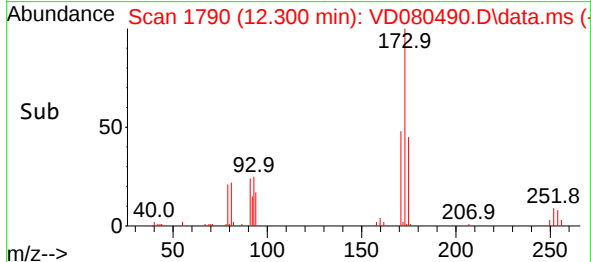
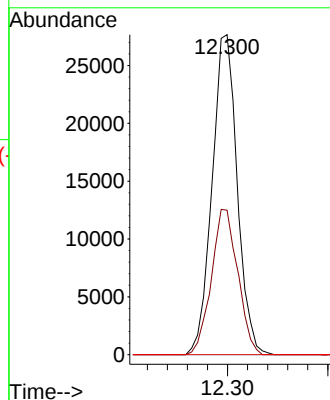
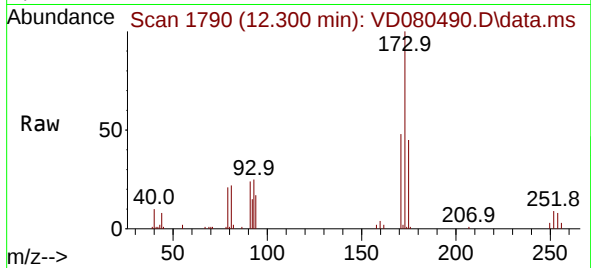




#71
Bromoform
Concen: 19.884 ug/l
RT: 12.300 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

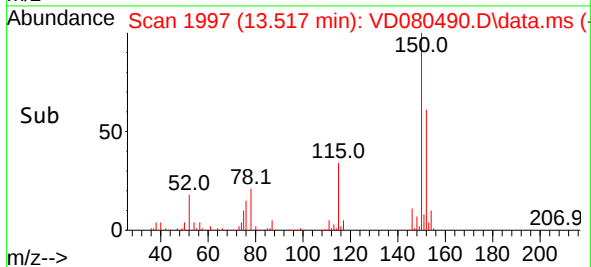
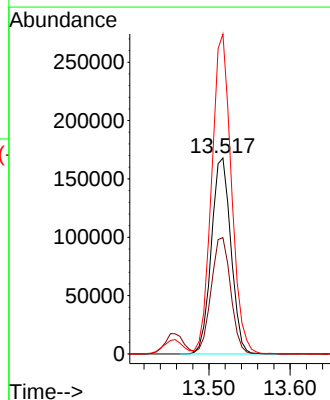
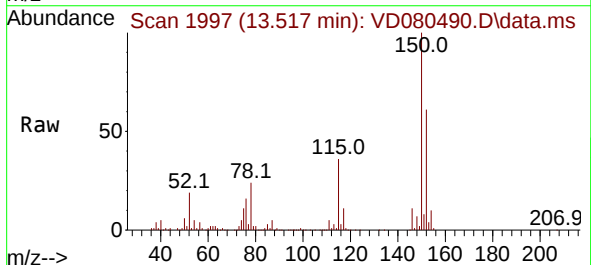
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

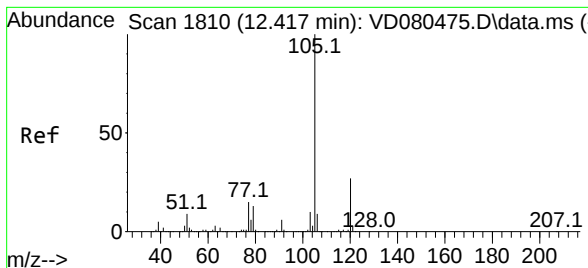
Tgt Ion:173 Resp: 48133
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion:152 Resp: 280529
Ion Ratio Lower Upper
152 100
115 59.5 30.2 90.6
150 165.0 0.0 350.2





#73

Isopropylbenzene

Concen: 21.324 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_D

ClientSampleId :

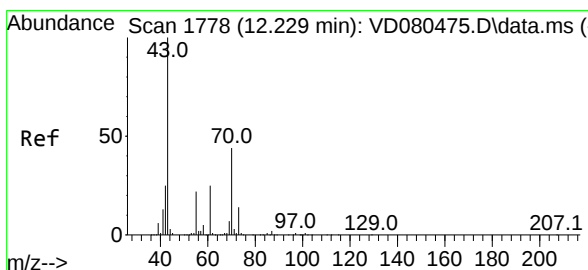
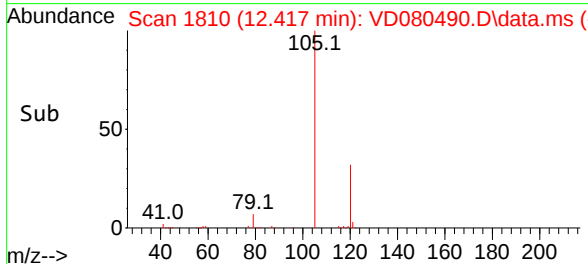
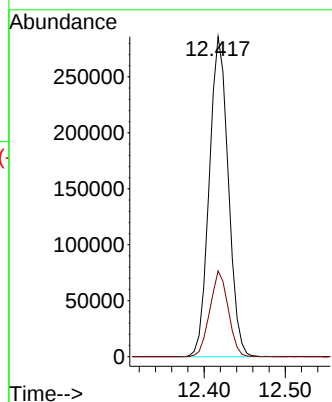
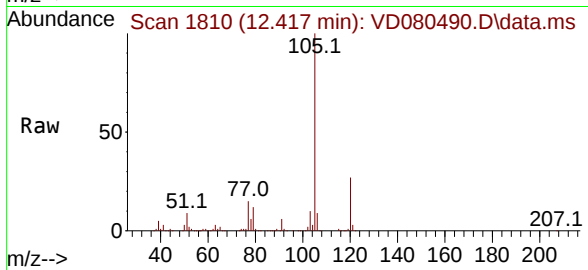
VD0627SBS01

Tgt Ion:105 Resp: 465016

Ion Ratio Lower Upper

105 100

120 25.8 13.3 39.9



#74

N-ethyl acetate

Concen: 20.067 ug/l

RT: 12.229 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Tgt Ion: 43 Resp: 114583

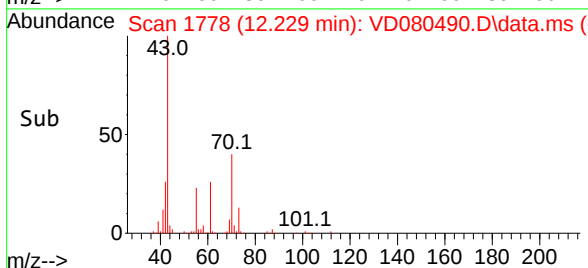
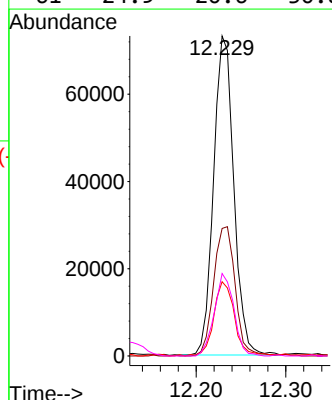
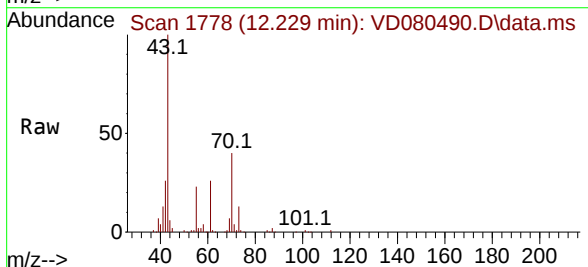
Ion Ratio Lower Upper

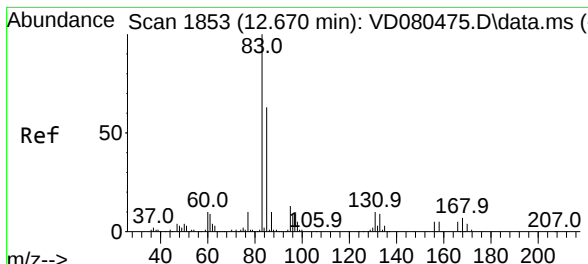
43 100

70 43.1 35.4 53.2

55 24.0 18.8 28.2

61 24.9 20.6 30.8

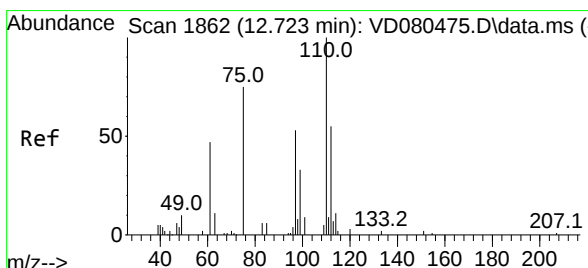
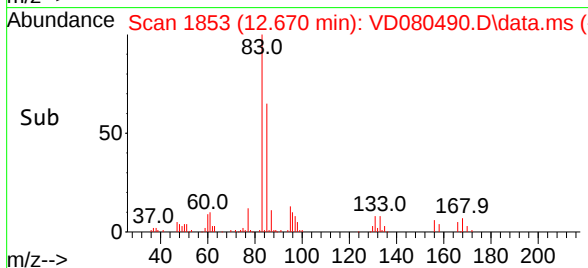
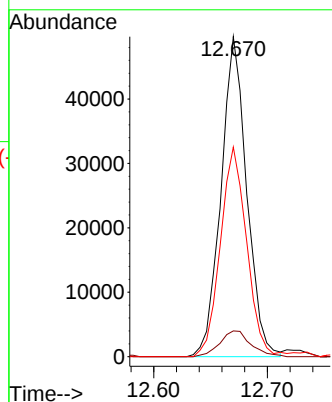
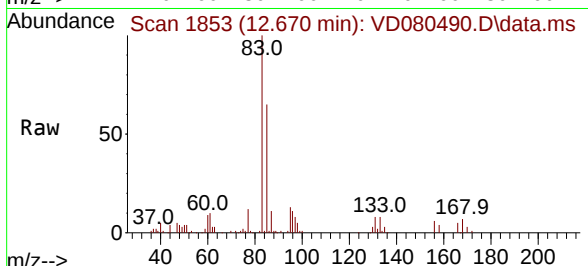




#75
 1,1,2-Tetrachloroethane
 Concen: 19.262 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080490.D
 Acq: 27 Jun 2025 12:08

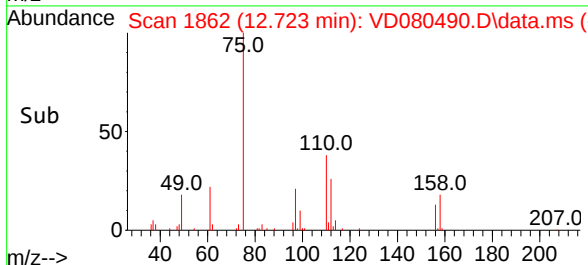
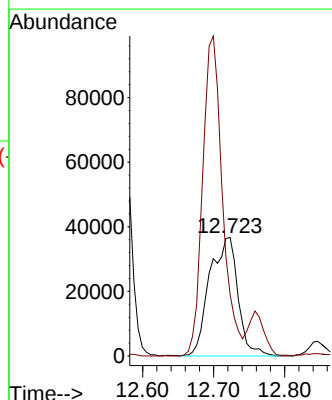
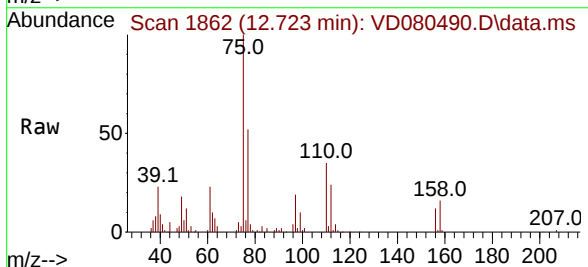
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBS01

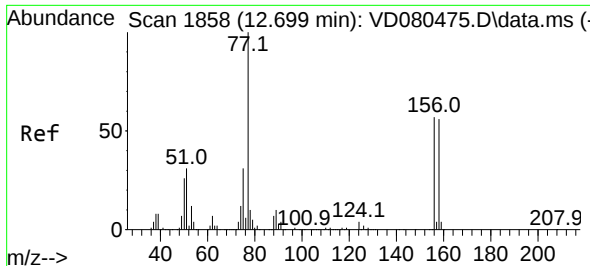
Tgt Ion: 83 Resp: 78216
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.3
 85 66.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 42.599 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080490.D
 Acq: 27 Jun 2025 12:08

Tgt Ion: 75 Resp: 101584
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

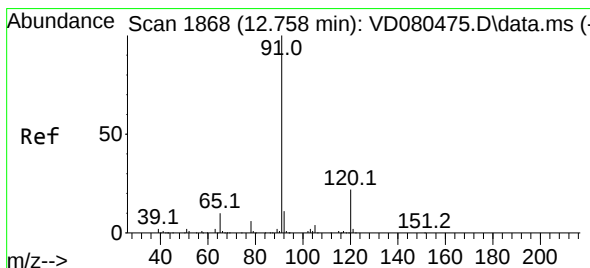
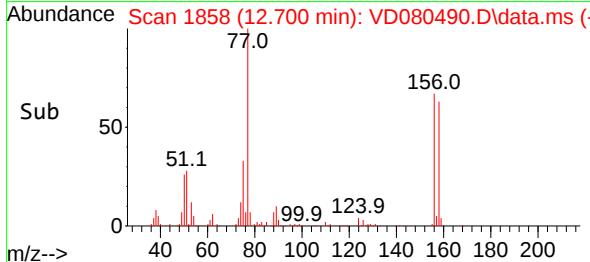
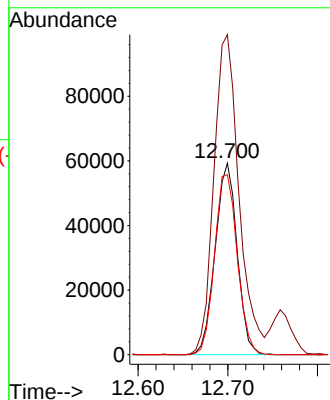
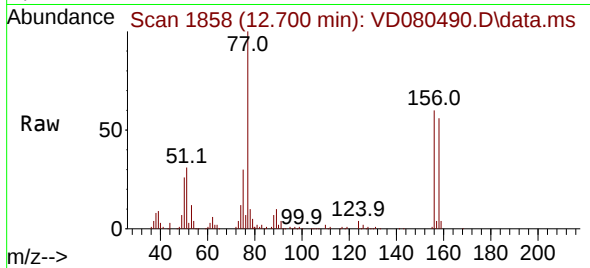




#77
Bromobenzene
Concen: 20.637 ug/l
RT: 12.700 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

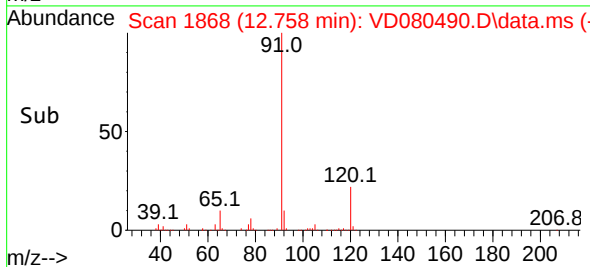
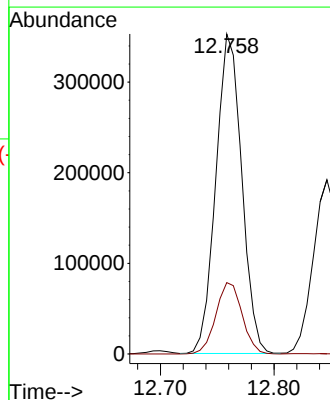
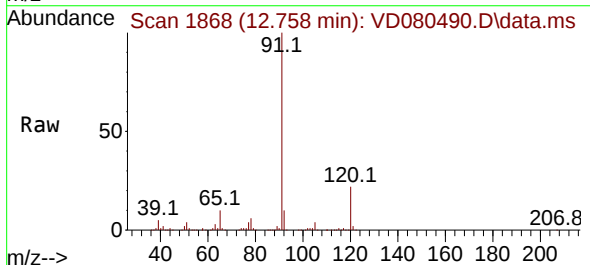
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

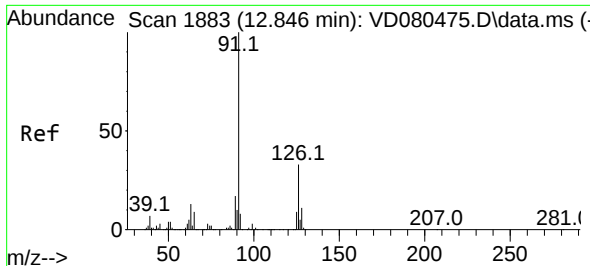
Tgt Ion:156 Resp: 100645
Ion Ratio Lower Upper
156 100
77 191.4 97.3 291.8
158 97.6 48.5 145.6



#78
n-propylbenzene
Concen: 21.232 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 91 Resp: 557372
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9

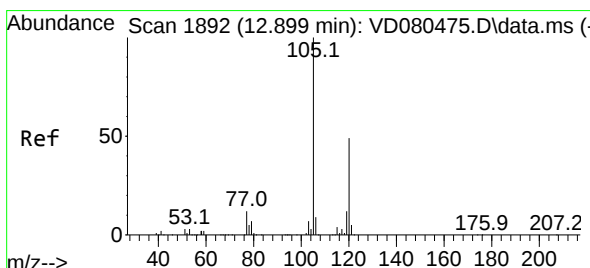
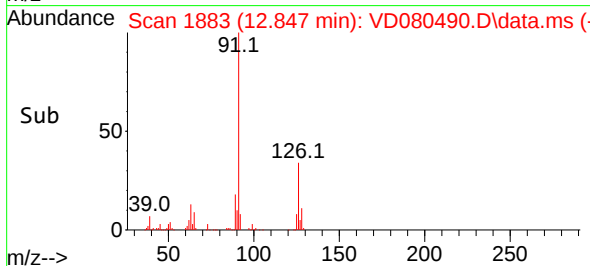
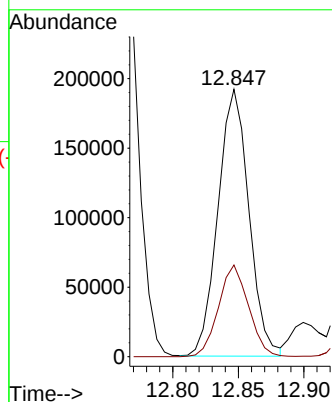
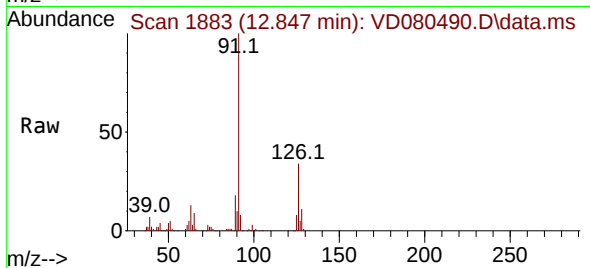




#79
2-Chlorotoluene
Concen: 20.879 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

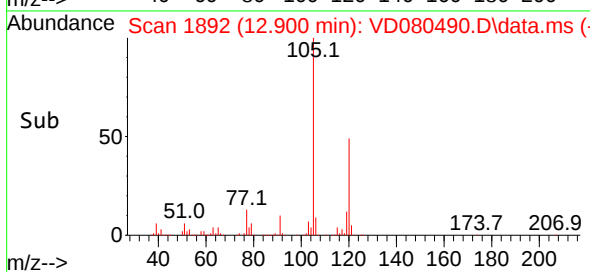
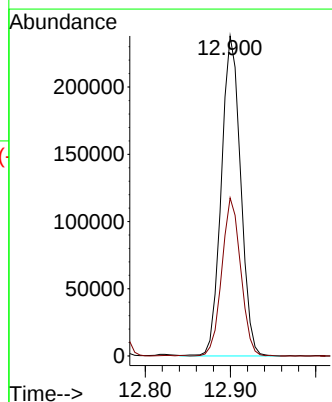
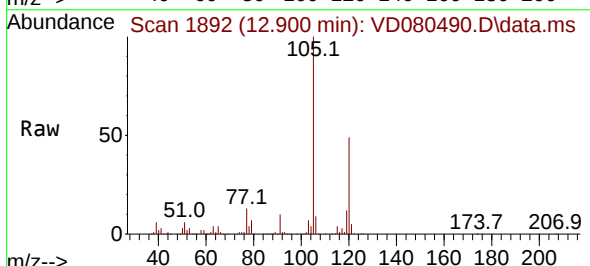
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

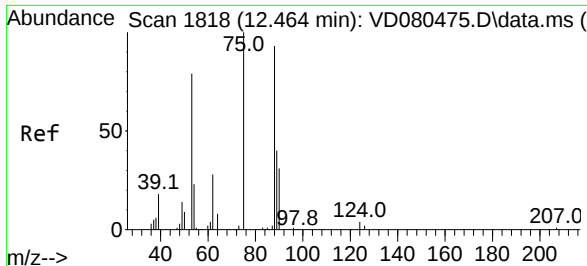
Tgt Ion: 91 Resp: 315226
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 21.209 ug/l
RT: 12.900 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 105 Resp: 375056
Ion Ratio Lower Upper
105 100
120 48.3 24.5 73.5

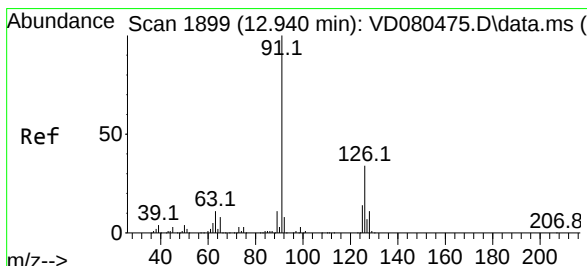
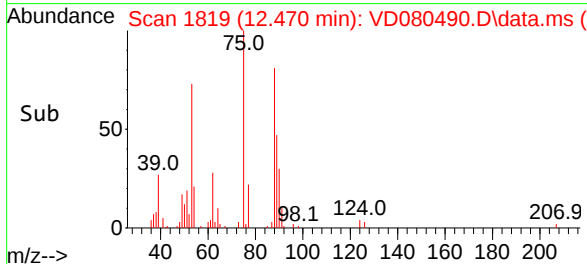
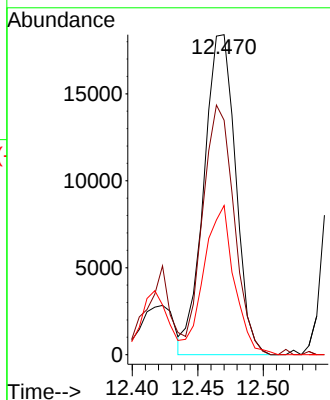
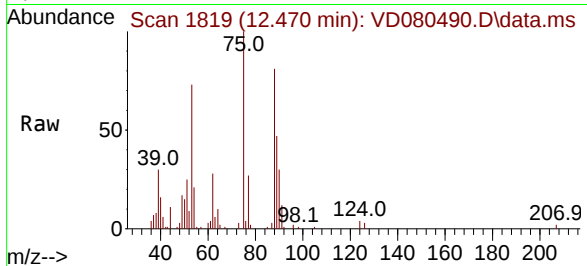




#81
trans-1,4-Dichloro-2-butene
Concen: 19.249 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

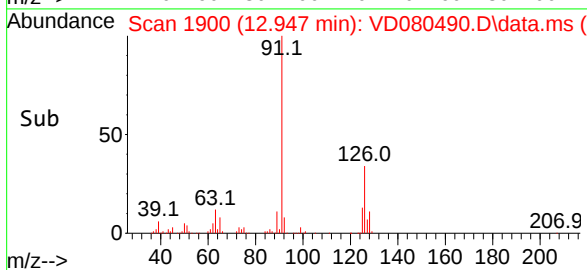
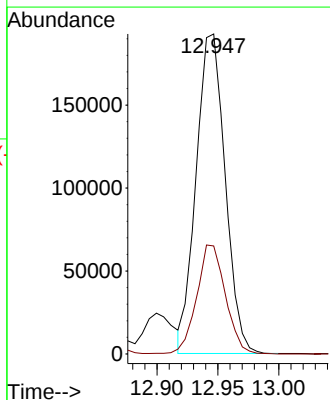
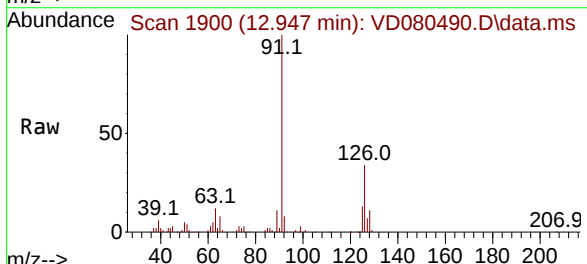
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

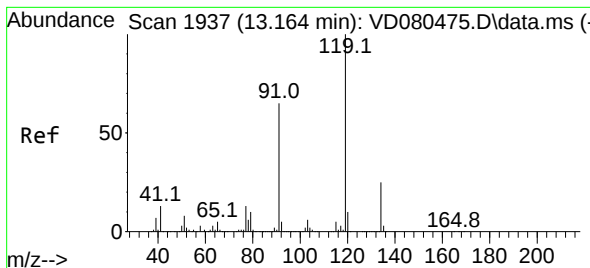
Tgt Ion: 75 Resp: 30890
Ion Ratio Lower Upper
75 100
53 76.7 61.5 92.3
89 44.9 33.0 49.6



#82
4-Chlorotoluene
Concen: 20.566 ug/l
RT: 12.947 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 91 Resp: 318929
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 21.014 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBS01

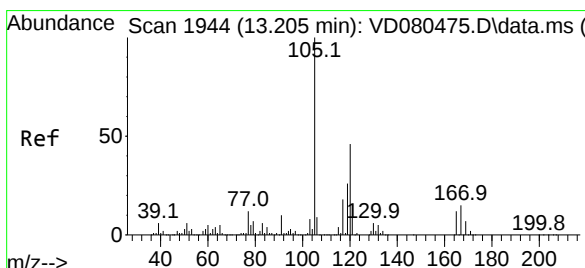
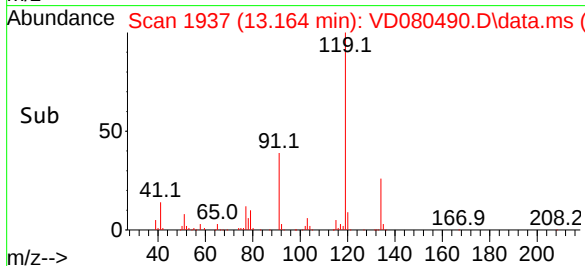
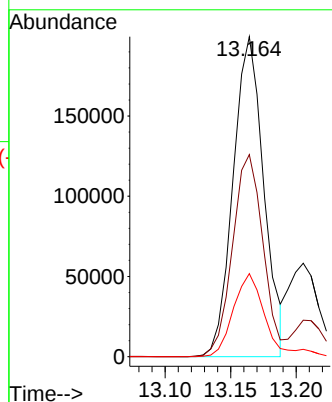
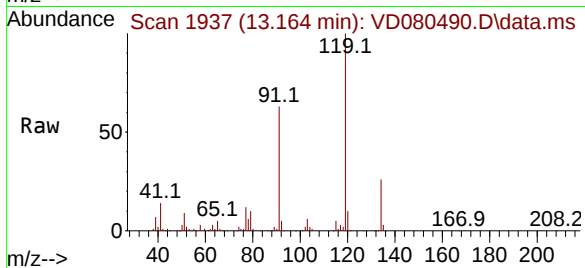
Tgt Ion:119 Resp: 325044

Ion Ratio Lower Upper

119 100

91 63.8 32.4 97.2

134 27.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.780 ug/l

RT: 13.211 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VD080490.D

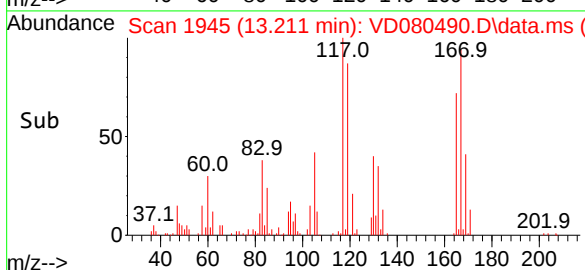
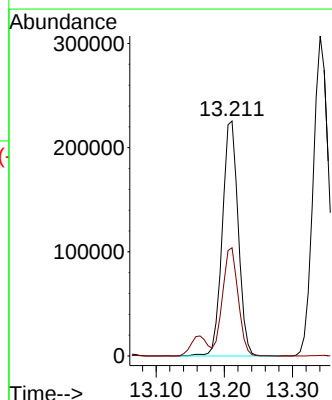
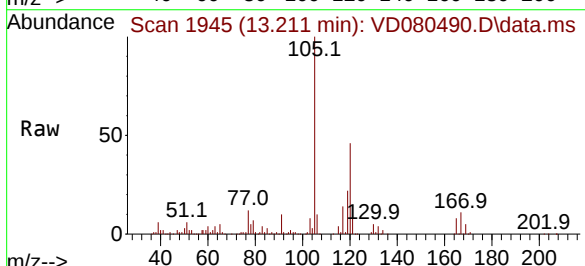
Acq: 27 Jun 2025 12:08

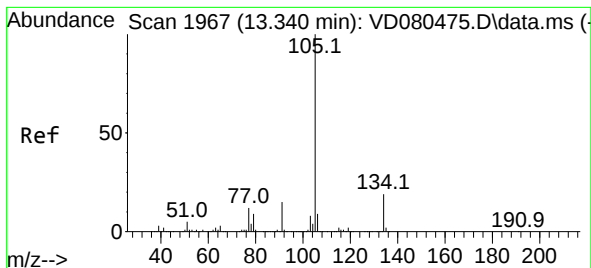
Tgt Ion:105 Resp: 366872

Ion Ratio Lower Upper

105 100

120 45.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 21.290 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_D

ClientSampleId :

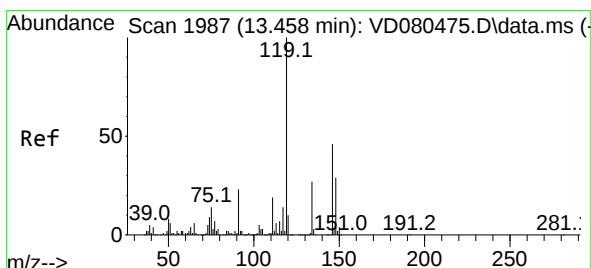
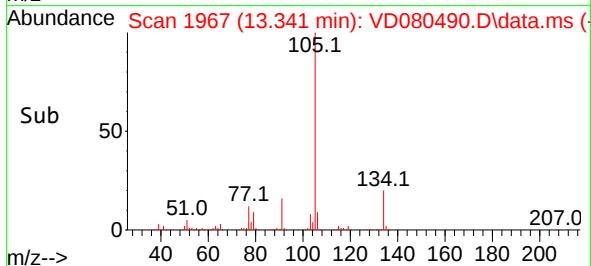
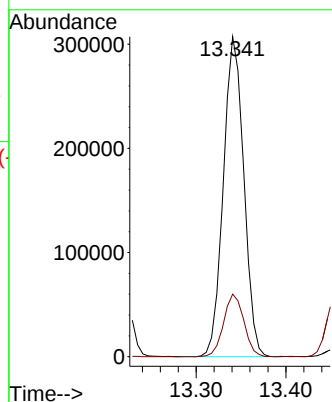
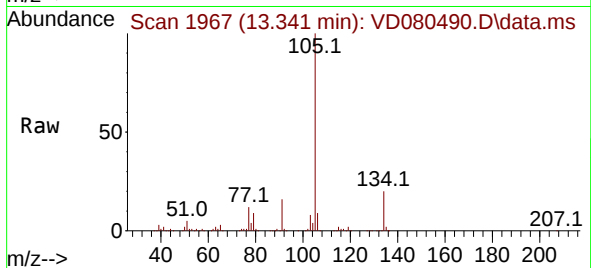
VD0627SBS01

Tgt Ion:105 Resp: 486396

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4



#86

p-Isopropyltoluene

Concen: 21.091 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

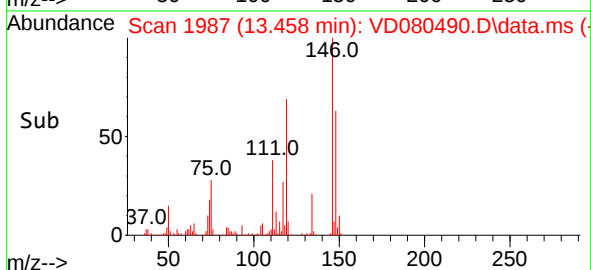
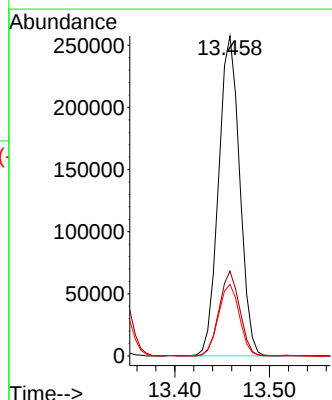
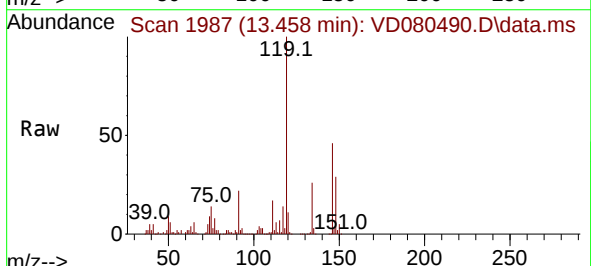
Tgt Ion:119 Resp: 398743

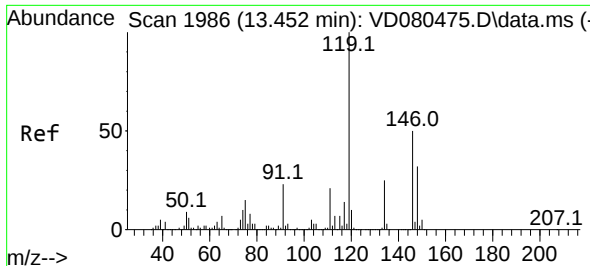
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 22.4 11.5 34.5

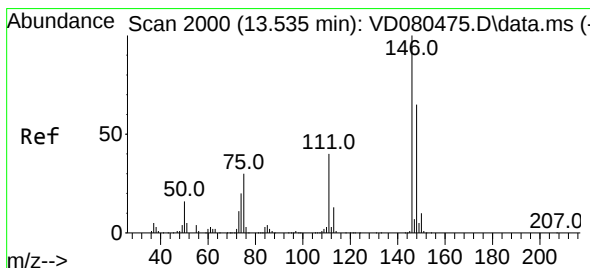
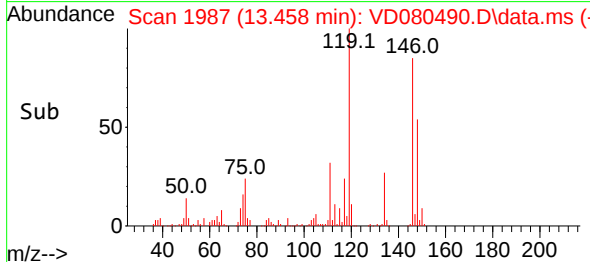
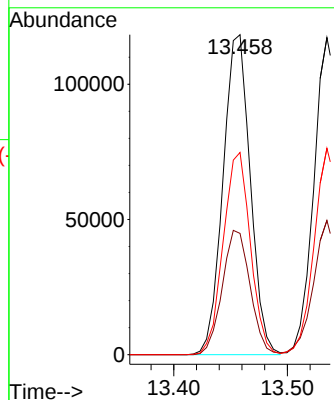
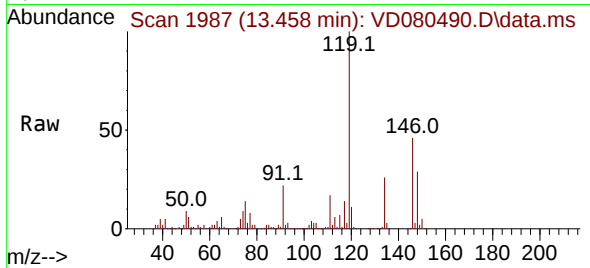




#87
1,3-Dichlorobenzene
Concen: 20.912 ug/l
RT: 13.458 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

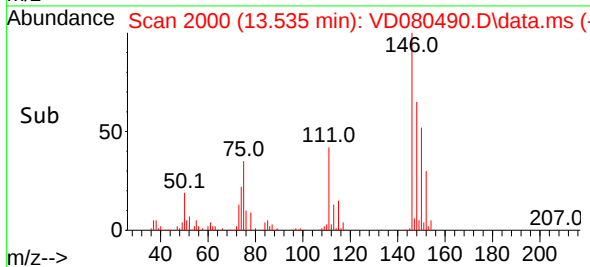
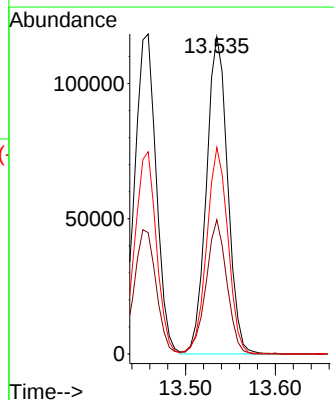
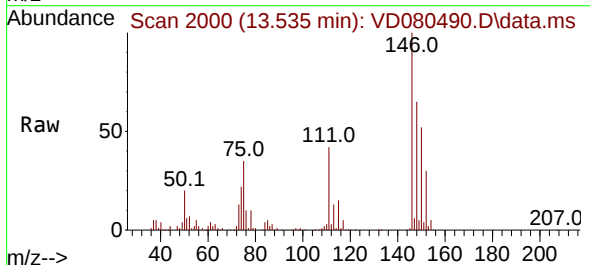
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

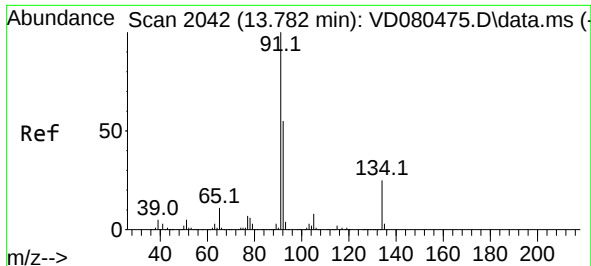
Tgt Ion:146 Resp: 197241
Ion Ratio Lower Upper
146 100
111 39.7 20.6 61.8
148 63.1 31.5 94.5



#88
1,4-Dichlorobenzene
Concen: 20.452 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion:146 Resp: 192547
Ion Ratio Lower Upper
146 100
111 41.4 20.0 60.0
148 65.0 32.1 96.3





#89

n-Butylbenzene

Concen: 21.272 ug/l

RT: 13.782 min Scan# 2042

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBS01

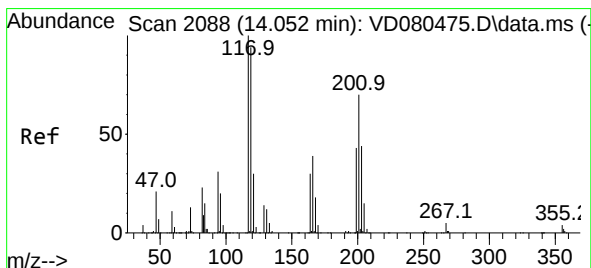
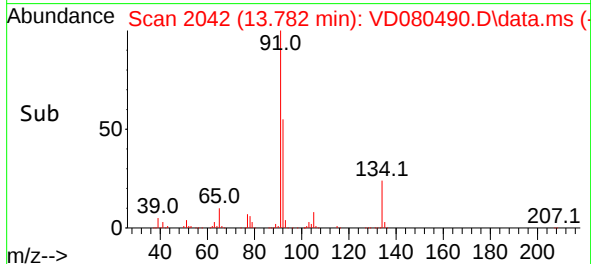
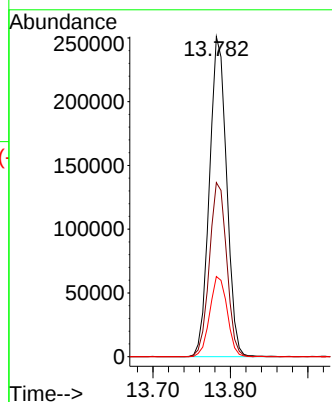
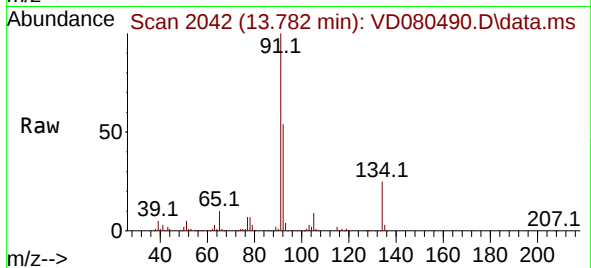
Tgt Ion: 91 Resp: 385976

Ion Ratio Lower Upper

91 100

92 54.8 27.4 82.0

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 20.117 ug/l

RT: 14.052 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VD080490.D

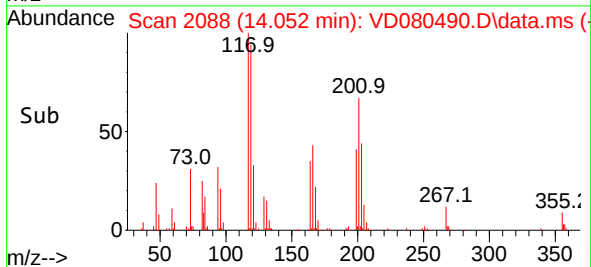
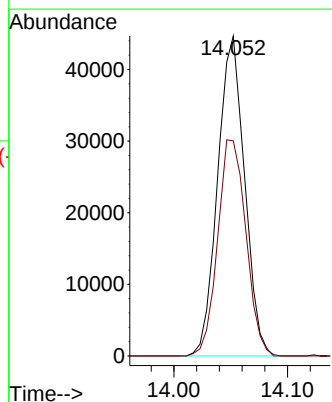
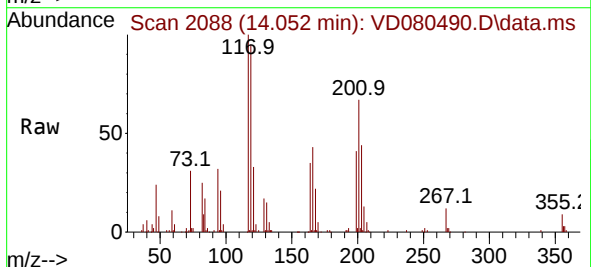
Acq: 27 Jun 2025 12:08

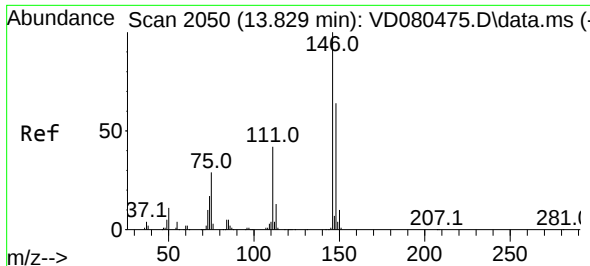
Tgt Ion: 117 Resp: 73481

Ion Ratio Lower Upper

117 100

201 71.0 34.2 102.5

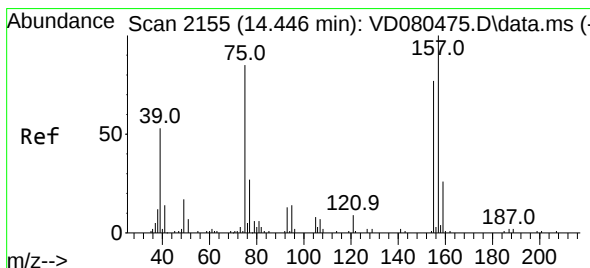
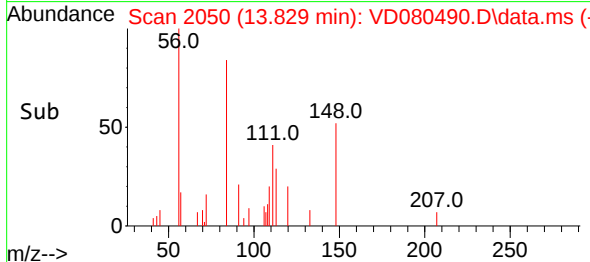
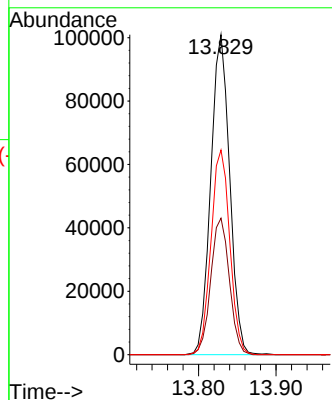
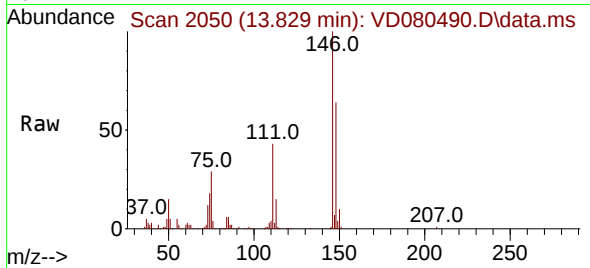




#91
 1,2-Dichlorobenzene
 Concen: 20.587 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080490.D
 Acq: 27 Jun 2025 12:08

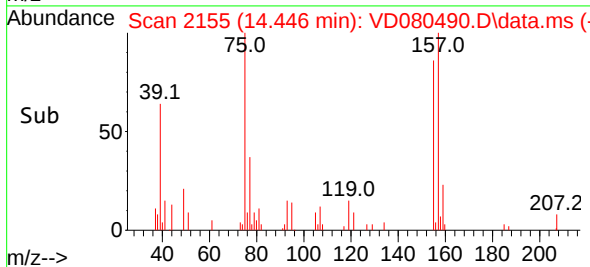
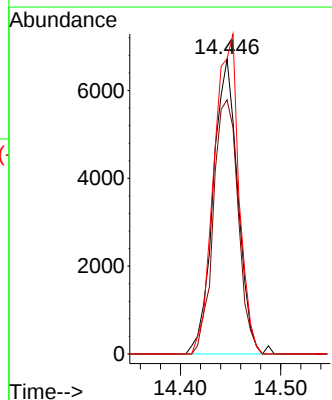
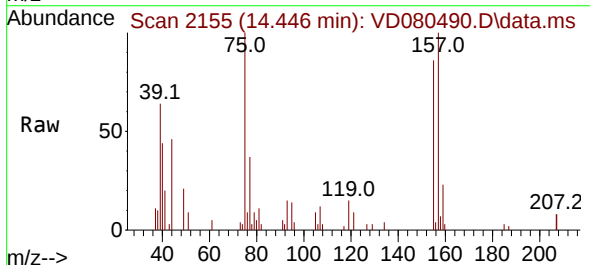
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBS01

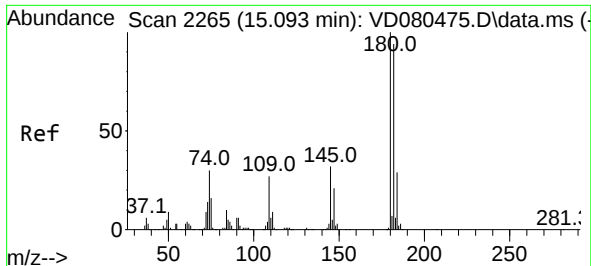
Tgt Ion:146 Resp: 170916
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.7
 148 63.6 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.754 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: VD080490.D
 Acq: 27 Jun 2025 12:08

Tgt Ion: 75 Resp: 11486
 Ion Ratio Lower Upper
 75 100
 155 86.8 45.6 136.8
 157 109.2 58.6 175.8

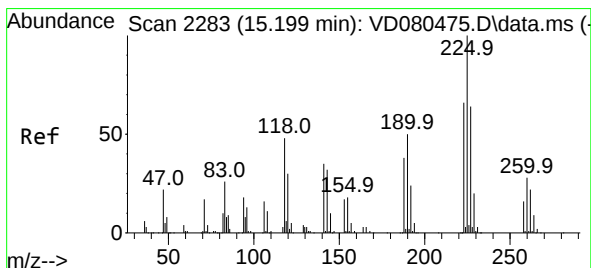
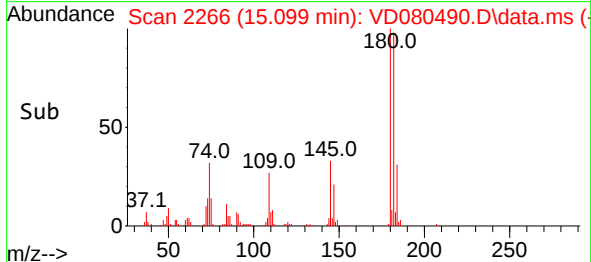
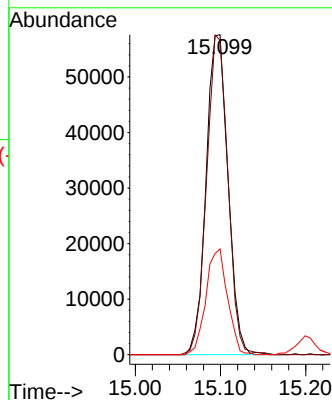
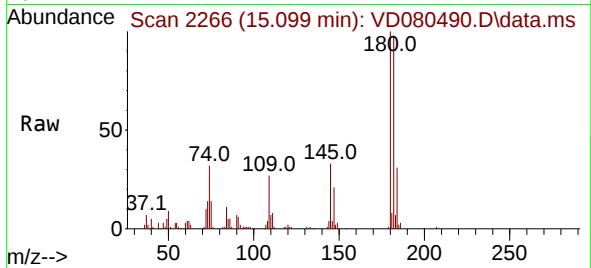




#93
1,2,4-Trichlorobenzene
Concen: 19.759 ug/l
RT: 15.099 min Scan# 2266
Delta R.T. 0.006 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

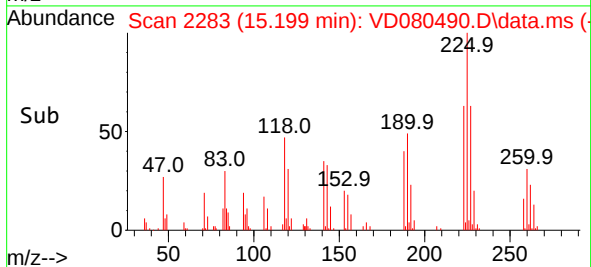
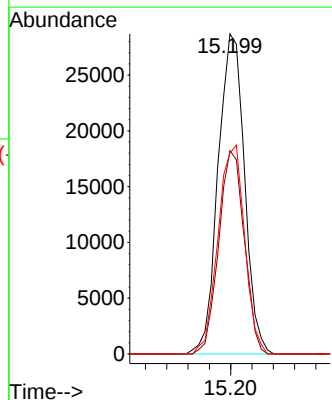
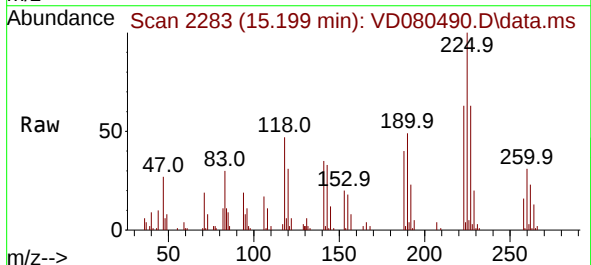
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBS01

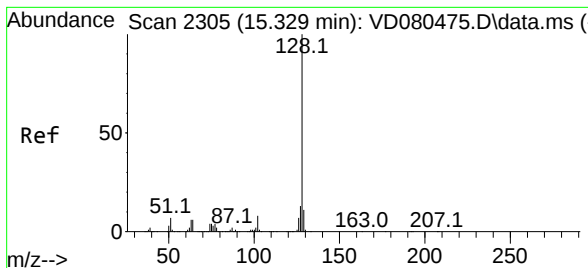
Tgt Ion:180 Resp: 102784
Ion Ratio Lower Upper
180 100
182 97.0 46.8 140.4
145 32.5 16.0 47.9



#94
Hexachlorobutadiene
Concen: 20.525 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VD080490.D
Acq: 27 Jun 2025 12:08

Tgt Ion:225 Resp: 49289
Ion Ratio Lower Upper
225 100
223 61.4 31.4 94.2
227 65.5 31.8 95.3





#95

Naphthalene

Concen: 19.225 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBS01

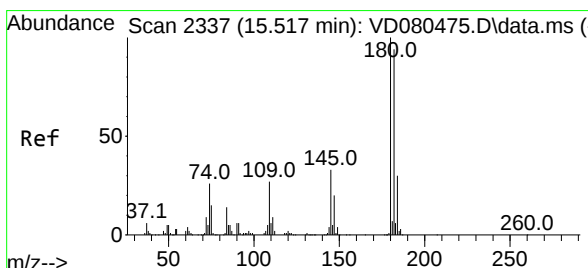
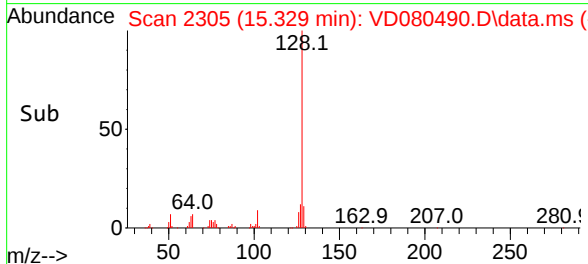
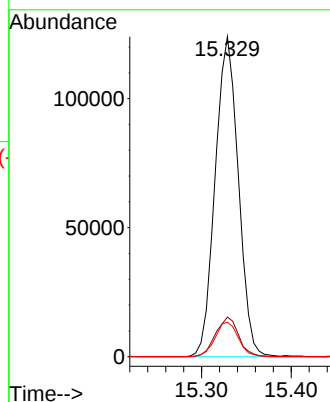
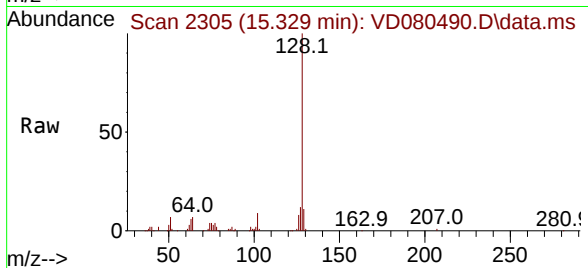
Tgt Ion:128 Resp: 222214

Ion Ratio Lower Upper

128 100

127 12.3 10.6 15.8

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.283 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080490.D

Acq: 27 Jun 2025 12:08

Tgt Ion:180 Resp: 90723

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 32.4 16.7 50.1

