

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062725\
 Data File : VD080488.D
 Acq On : 27 Jun 2025 10:33
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 28 03:05:13 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	432248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	779526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	663668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	297013	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	215343	50.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.640%	
35) Dibromofluoromethane	7.805	113	229148	52.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.000%	
50) Toluene-d8	10.270	98	925424	52.479	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.960%	
62) 4-Bromofluorobenzene	12.570	95	292317	50.556	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.120%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	189536	49.324	ug/l	99
3) Chloromethane	2.147	50	276480	51.518	ug/l	98
4) Vinyl Chloride	2.288	62	295558	54.290	ug/l	98
5) Bromomethane	2.694	94	186418	61.955	ug/l	98
6) Chloroethane	2.841	64	186151	54.475	ug/l	100
7) Trichlorofluoromethane	3.182	101	363302	53.047	ug/l	98
8) Diethyl Ether	3.594	74	141745	53.169	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.970	101	237492	52.420	ug/l	99
10) Methyl Iodide	4.164	142	296799	55.629	ug/l	99
11) Tert butyl alcohol	5.047	59	83781	242.822	ug/l	98
12) 1,1-Dichloroethene	3.947	96	250071	51.119	ug/l	96
13) Acrolein	3.794	56	101947	216.822	ug/l	100
14) Allyl chloride	4.564	41	434057	50.673	ug/l	99
15) Acrylonitrile	5.253	53	313156	246.889	ug/l	99
16) Acetone	4.017	43	298348	272.498	ug/l	98
17) Carbon Disulfide	4.270	76	812411	52.588	ug/l	100
18) Methyl Acetate	4.559	43	154490	46.389	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	606754	49.908	ug/l	99
20) Methylene Chloride	4.800	84	317112	52.641	ug/l	96
21) trans-1,2-Dichloroethene	5.317	96	276842	50.736	ug/l	99
22) Diisopropyl ether	6.211	45	851285	51.471	ug/l	97
23) Vinyl Acetate	6.153	43	2481709	263.336	ug/l	99
24) 1,1-Dichloroethane	6.111	63	496460	51.158	ug/l	99
25) 2-Butanone	7.076	43	419388	260.982	ug/l	97
26) 2,2-Dichloropropane	7.076	77	403738	52.572	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	328074	50.294	ug/l	98
28) Bromochloromethane	7.423	49	194961	50.958	ug/l	98
29) Tetrahydrofuran	7.441	42	252448	249.359	ug/l	97
30) Chloroform	7.594	83	471088	50.712	ug/l	100
31) Cyclohexane	7.876	56	471208	50.110	ug/l	95
32) 1,1,1-Trichloroethane	7.794	97	399993	51.500	ug/l	99
36) 1,1-Dichloropropene	8.005	75	358072	52.524	ug/l	99
37) Ethyl Acetate	7.164	43	165024	49.806	ug/l	98
38) Carbon Tetrachloride	7.994	117	341709	52.463	ug/l	100
39) Methylcyclohexane	9.276	83	495164	52.756	ug/l	99
40) Benzene	8.252	78	1122796	51.315	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	107023	50.538	ug/l	98
42) 1,2-Dichloroethane	8.329	62	261720	50.846	ug/l	99
43) Isopropyl Acetate	8.358	43	337525	51.761	ug/l	99
44) Trichloroethene	9.029	130	270309	50.975	ug/l	97
45) 1,2-Dichloropropane	9.305	63	274780	51.781	ug/l	98
46) Dibromomethane	9.394	93	142682	50.429	ug/l	99
47) Bromodichloromethane	9.582	83	359312	51.225	ug/l	98
48) Methyl methacrylate	9.376	41	164431	49.848	ug/l	99
49) 1,4-Dioxane	9.382	88	35580	969.375	ug/l	97
51) 4-Methyl-2-Pentanone	10.158	43	842286	254.363	ug/l	99
52) Toluene	10.335	92	695793	50.878	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	364799	51.926	ug/l	97
54) cis-1,3-Dichloropropene	10.017	75	435466	51.596	ug/l	99
55) 1,1,2-Trichloroethane	10.735	97	191261	49.589	ug/l	96
56) Ethyl methacrylate	10.594	69	277273	50.364	ug/l	99
57) 1,3-Dichloropropane	10.876	76	337773	50.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.864	63	522831	248.660	ug/l	99
59) 2-Hexanone	10.917	43	608031	259.443	ug/l	100
60) Dibromochloromethane	11.070	129	241144	50.655	ug/l	100
61) 1,2-Dibromoethane	11.176	107	183756	49.828	ug/l	100
64) Tetrachloroethene	10.811	164	214062	51.968	ug/l	97
65) Chlorobenzene	11.605	112	739563	51.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.682	131	233196	51.838	ug/l	100
67) Ethyl Benzene	11.682	91	1317553	52.627	ug/l	98
68) m/p-Xylenes	11.794	106	999890	104.883	ug/l	99
69) o-Xylene	12.117	106	476209	51.765	ug/l	98
70) Styrene	12.135	104	808012	51.927	ug/l	99
71) Bromoform	12.299	173	125885	49.134	ug/l #	99
73) Isopropylbenzene	12.417	105	1207211	52.285	ug/l	100
74) N-amyl acetate	12.229	43	315612	52.205	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	217936	50.691	ug/l	98
76) 1,2,3-Trichloropropane	12.723	75	281258	111.399	ug/l #	100
77) Bromobenzene	12.699	156	266714	51.654	ug/l	99
78) n-propylbenzene	12.758	91	1467847	52.812	ug/l	100
79) 2-Chlorotoluene	12.846	91	828079	51.803	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	972290	51.929	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.470	75	84826	49.925	ug/l	98
82) 4-Chlorotoluene	12.946	91	842883	51.336	ug/l	99
83) tert-Butylbenzene	13.164	119	844061	51.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	967481	51.757	ug/l	100
85) sec-Butylbenzene	13.340	105	1283945	53.081	ug/l	100
86) p-Isopropyltoluene	13.458	119	1046354	52.274	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	515477	51.619	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	511792	51.344	ug/l	100
89) n-Butylbenzene	13.782	91	1023921	53.298	ug/l	99
90) Hexachloroethane	14.052	117	202810	52.441	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	454084	51.659	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	32667	50.379	ug/l	94
93) 1,2,4-Trichlorobenzene	15.093	180	280775	50.979	ug/l	98
94) Hexachlorobutadiene	15.199	225	131060	51.548	ug/l	100
95) Naphthalene	15.329	128	612094	50.016	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	243738	51.468	ug/l	100

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QLast Update : Fri Jun 27 05:16:36 2025
Response via : Initial Calibration

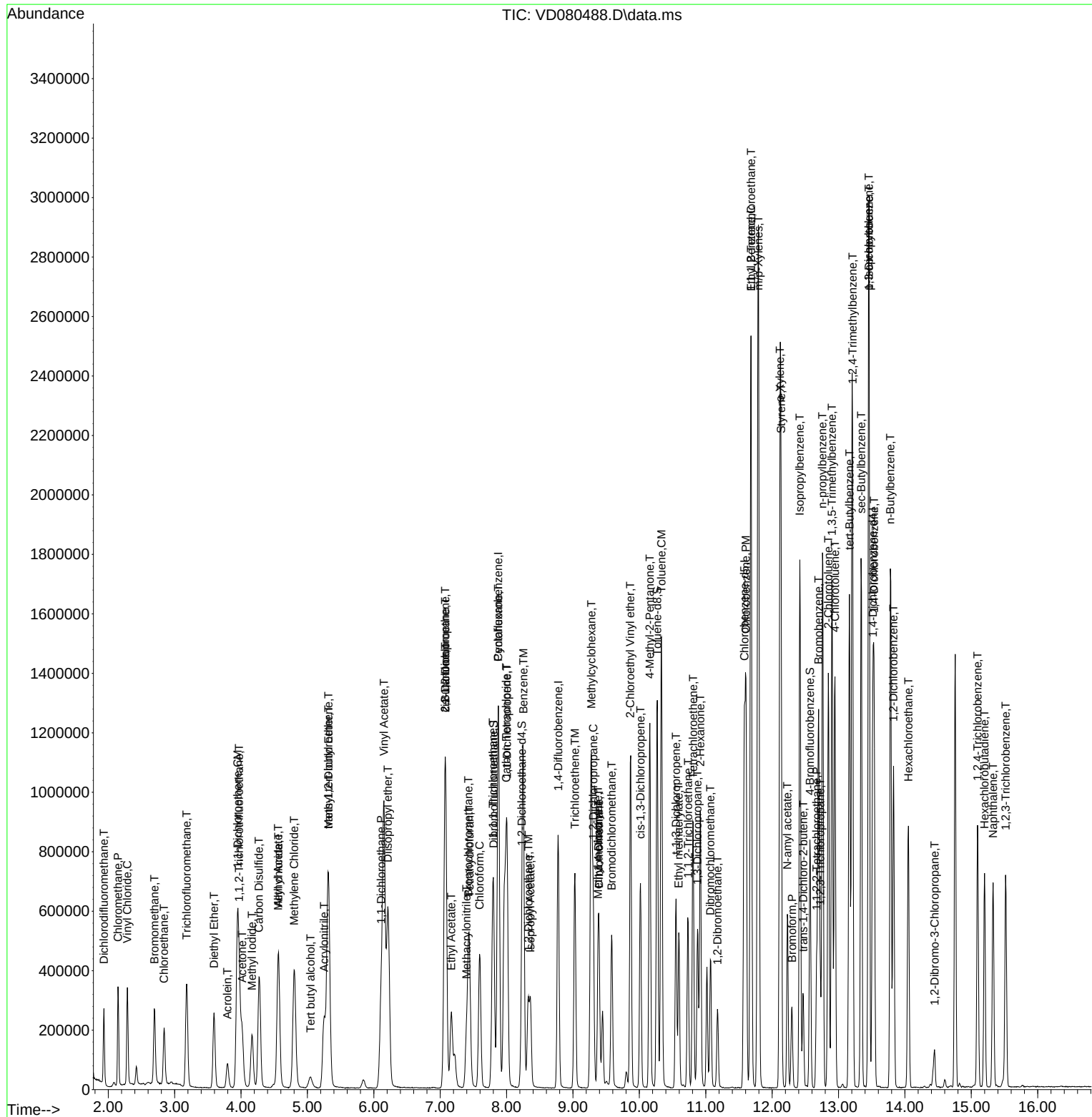
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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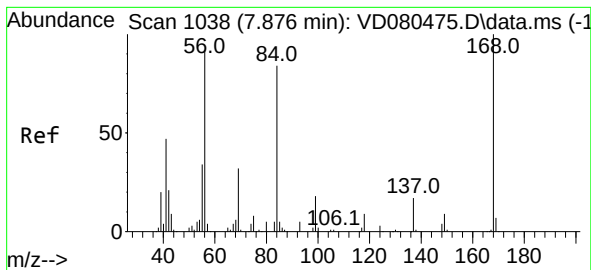
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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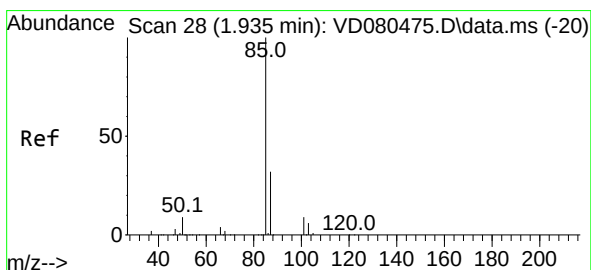
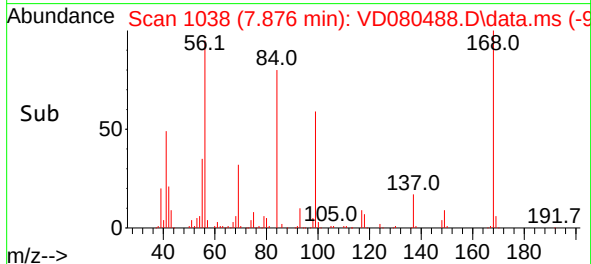
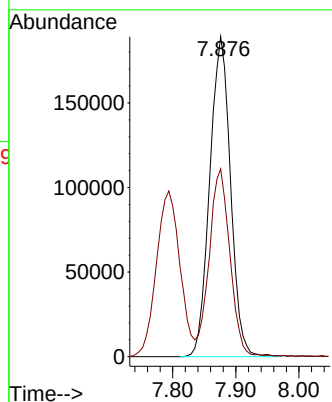
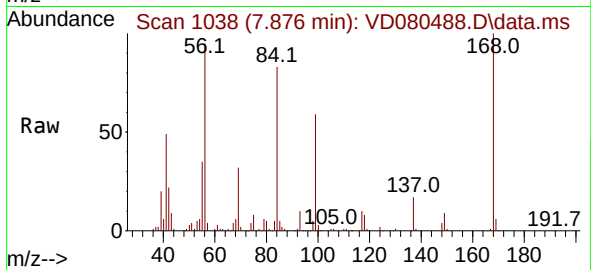




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080488.D
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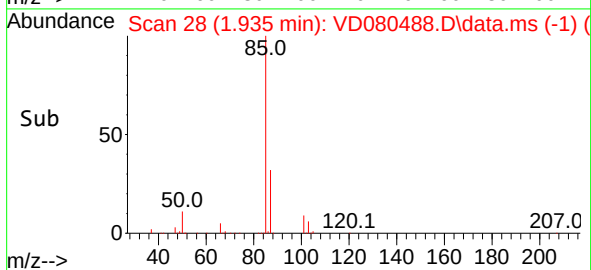
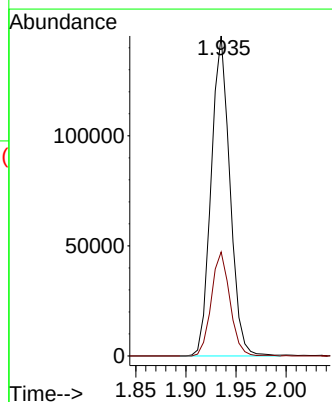
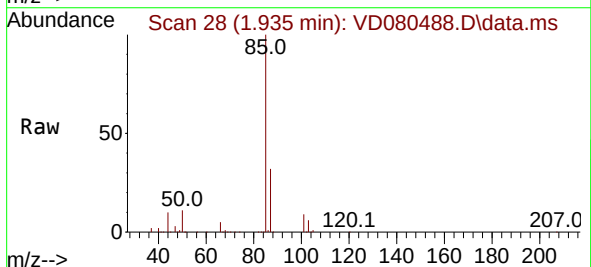
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

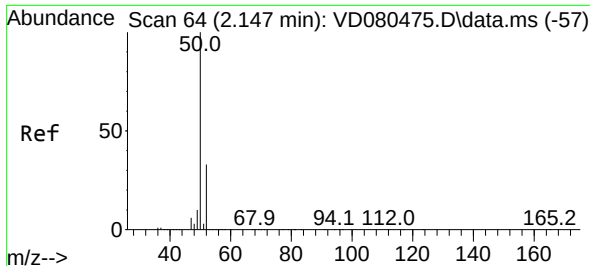
Tgt Ion:168 Resp: 432248
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 49.324 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 85 Resp: 189536
Ion Ratio Lower Upper
85 100
87 32.5 16.0 47.9

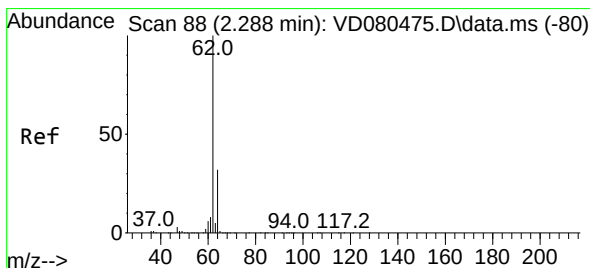
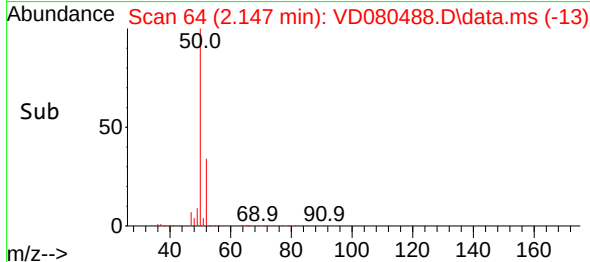
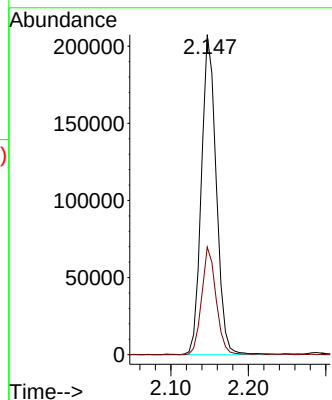
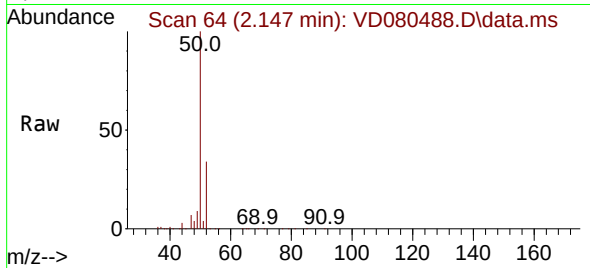




#3
Chloromethane
Concen: 51.518 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

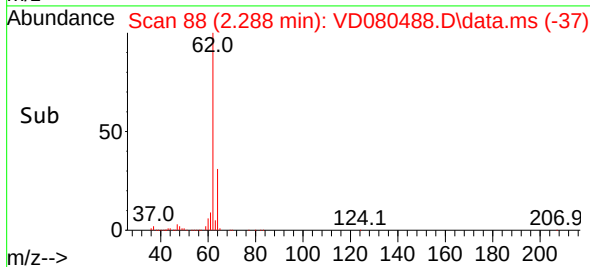
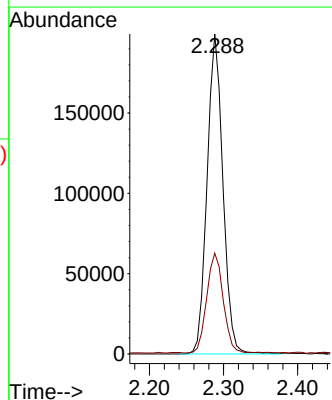
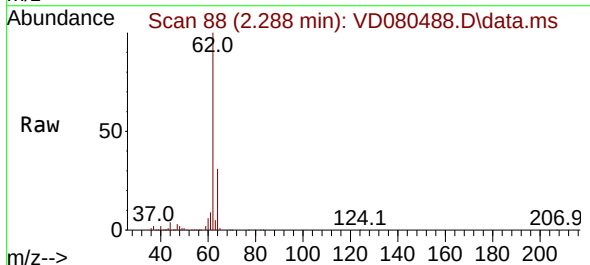
Instrument :
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ClientSampleId :
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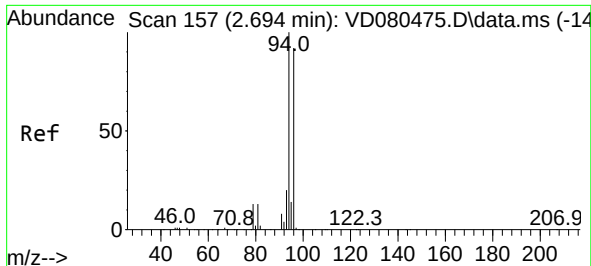
Tgt Ion: 50 Resp: 276480
Ion Ratio Lower Upper
50 100
52 33.7 26.1 39.1



#4
Vinyl Chloride
Concen: 54.290 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 62 Resp: 295558
Ion Ratio Lower Upper
62 100
64 31.0 25.5 38.3

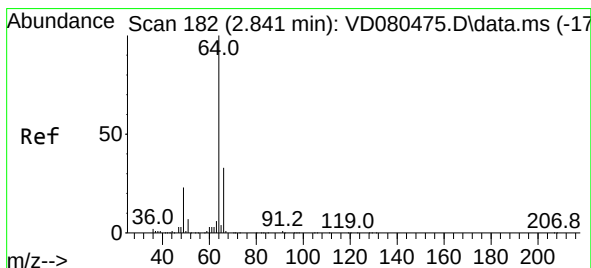
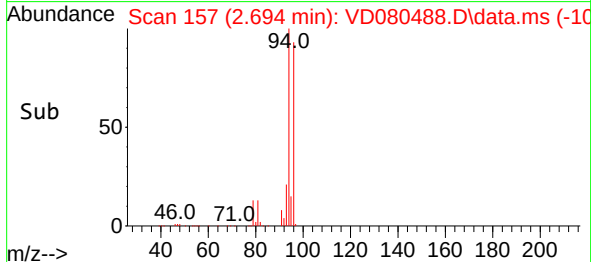
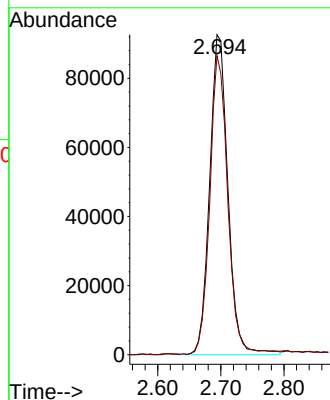
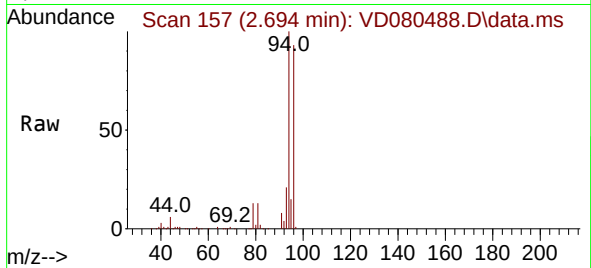




#5
Bromomethane
Concen: 61.955 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

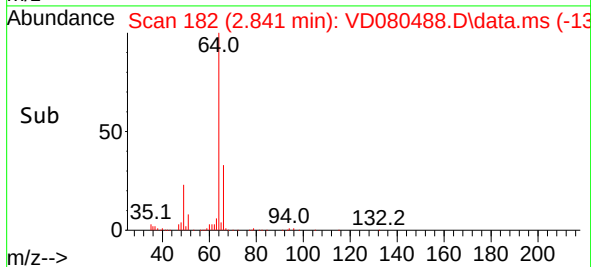
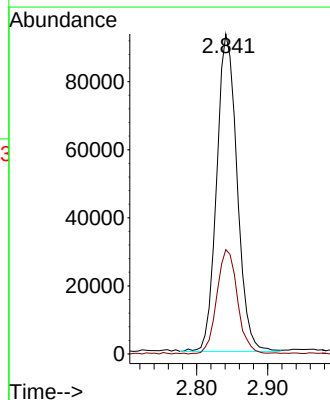
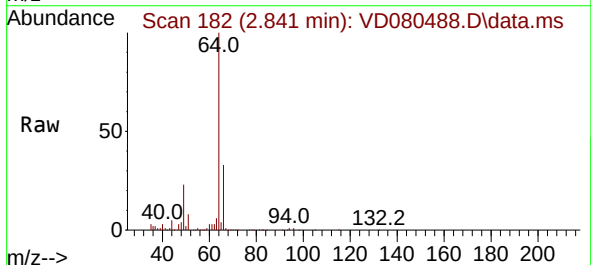
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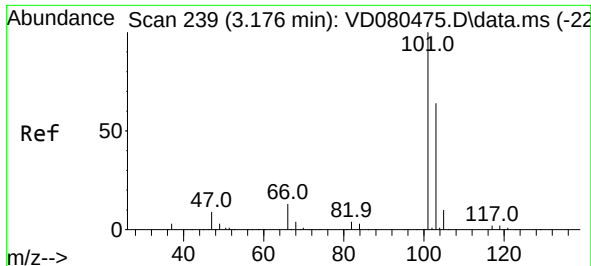
Tgt Ion: 94 Resp: 186418
Ion Ratio Lower Upper
94 100
96 91.1 74.8 112.2



#6
Chloroethane
Concen: 54.475 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 64 Resp: 186151
Ion Ratio Lower Upper
64 100
66 32.7 26.3 39.5

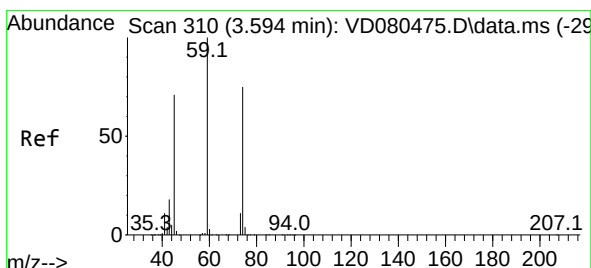
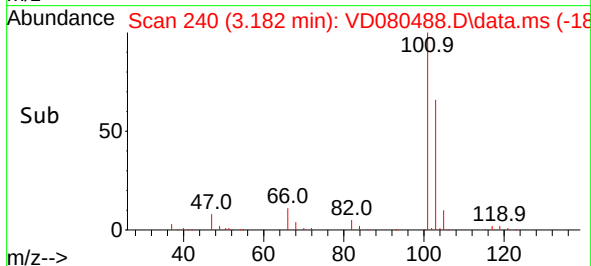
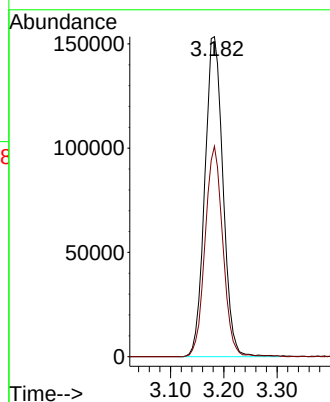
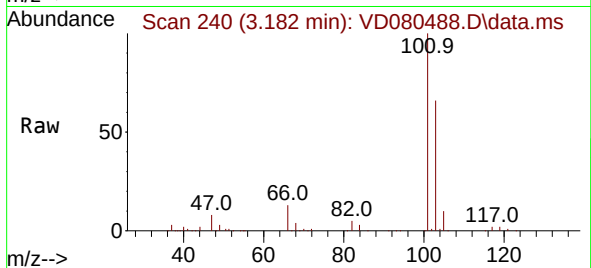




#7
Trichlorofluoromethane
Concen: 53.047 ug/l
RT: 3.182 min Scan# 24
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

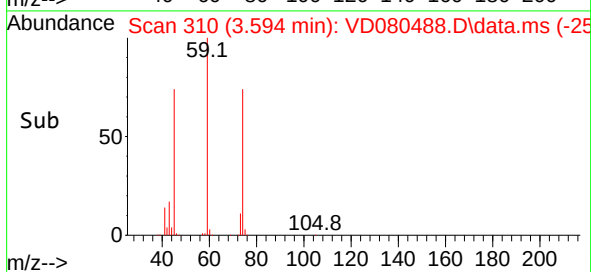
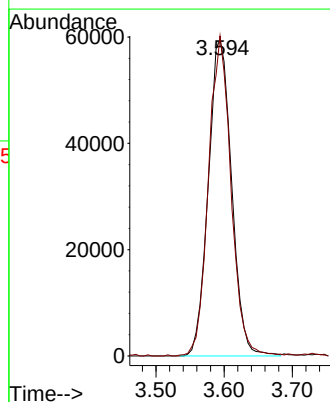
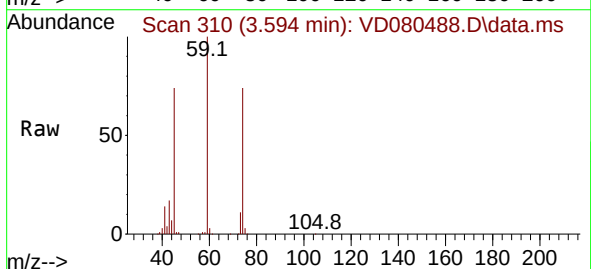
Instrument :
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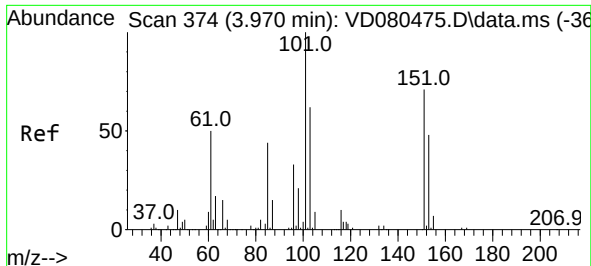
Tgt Ion:101 Resp: 363302
Ion Ratio Lower Upper
101 100
103 65.8 51.3 76.9



#8
Diethyl Ether
Concen: 53.169 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 74 Resp: 141745
Ion Ratio Lower Upper
74 100
45 97.8 46.6 139.8

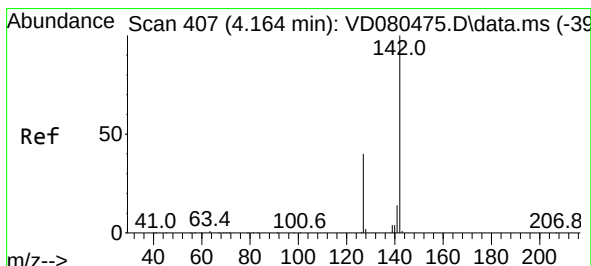
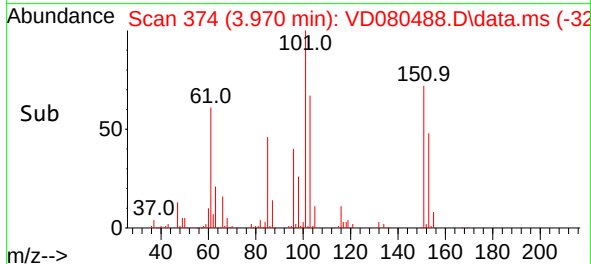
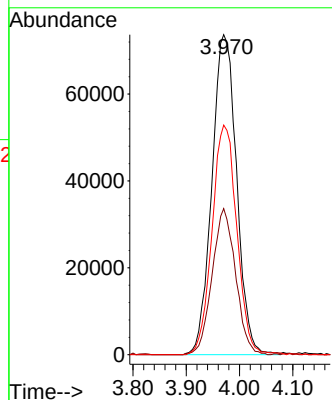
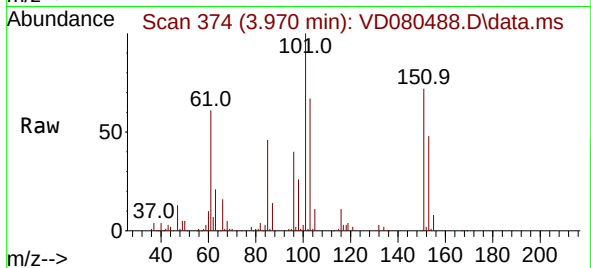




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.420 ug/l
RT: 3.970 min Scan# 374
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

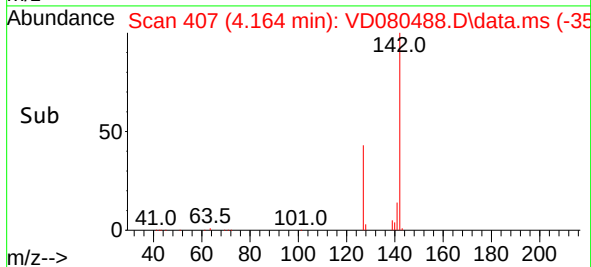
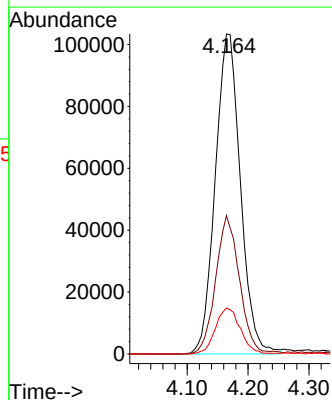
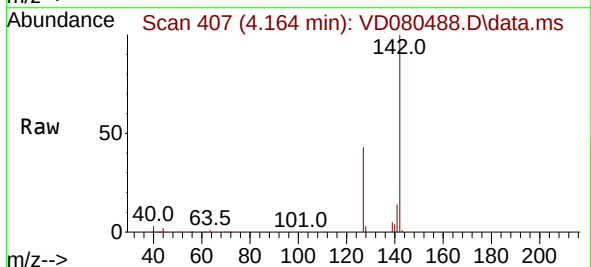
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

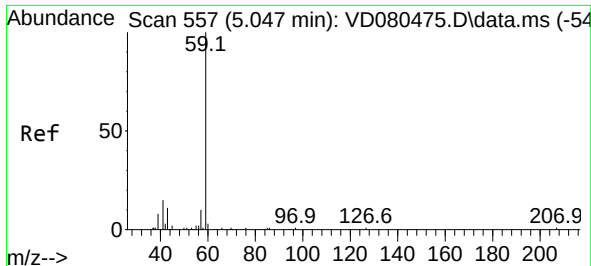
Tgt Ion:101 Resp: 237492
Ion Ratio Lower Upper
101 100
85 43.3 34.0 51.0
151 71.9 58.4 87.6



#10
Methyl Iodide
Concen: 55.629 ug/l
RT: 4.164 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion:142 Resp: 296799
Ion Ratio Lower Upper
142 100
127 41.1 32.6 49.0
141 14.3 11.1 16.7

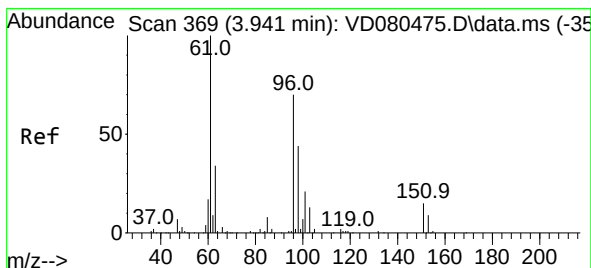
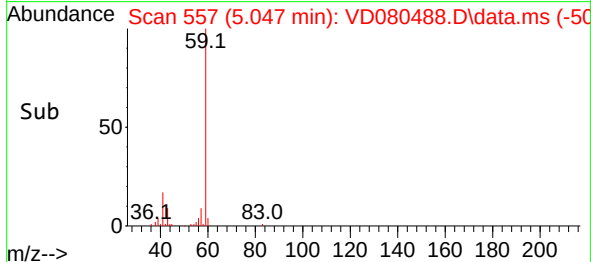
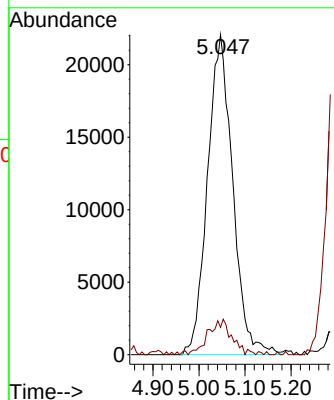
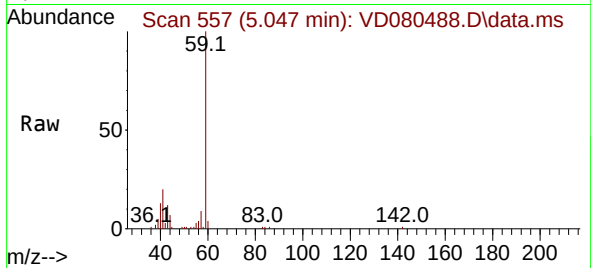




#11
Tert butyl alcohol
Concen: 242.822 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

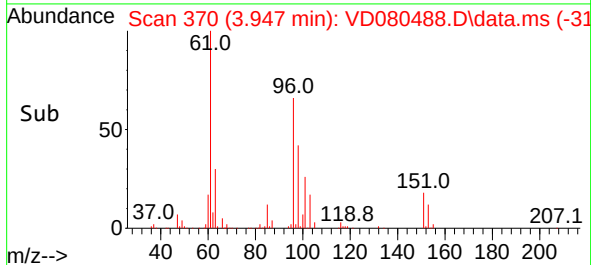
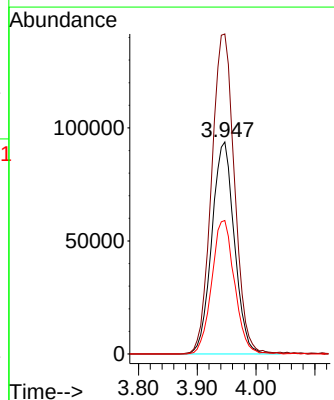
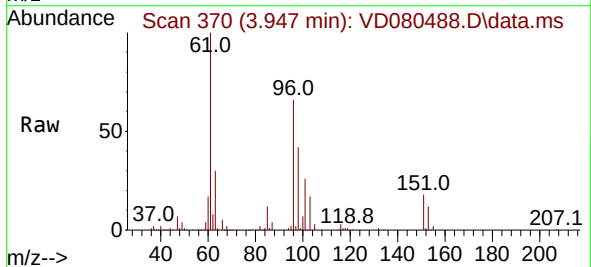
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

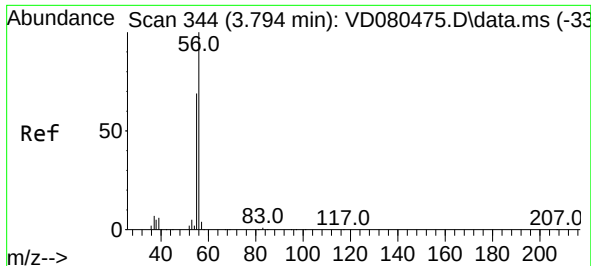
Tgt Ion: 59 Resp: 83781
Ion Ratio Lower Upper
59 100
57 10.3 8.8 13.2



#12
1,1-Dichloroethene
Concen: 51.119 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 96 Resp: 250071
Ion Ratio Lower Upper
96 100
61 151.0 114.9 172.3
98 63.0 50.5 75.7

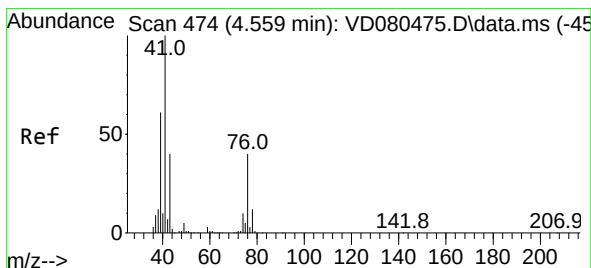
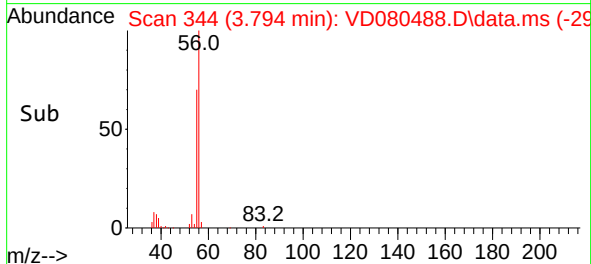
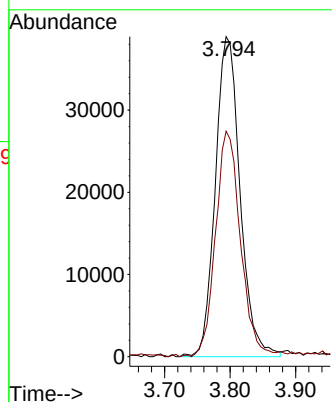
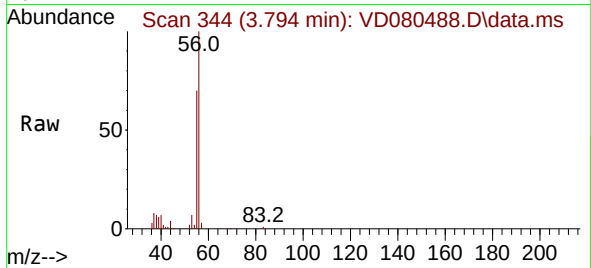




#13
Acrolein
Concen: 216.822 ug/l
RT: 3.794 min Scan# 344
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

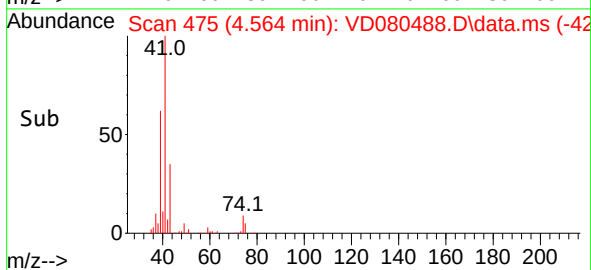
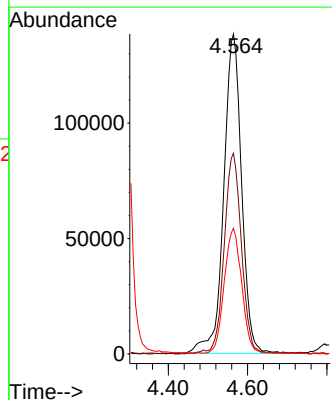
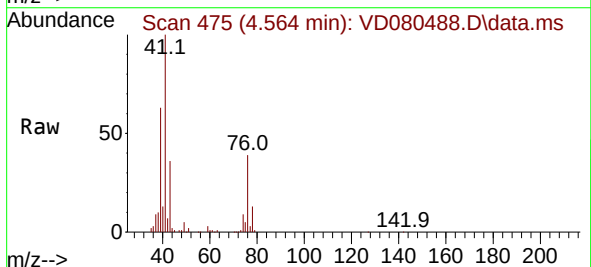
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

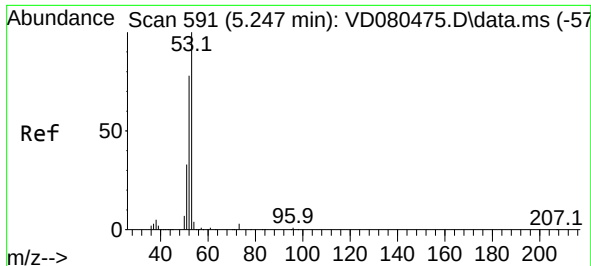
Tgt Ion: 56 Resp: 101947
Ion Ratio Lower Upper
56 100
55 69.9 56.2 84.2



#14
Allyl chloride
Concen: 50.673 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 41 Resp: 434057
Ion Ratio Lower Upper
41 100
39 60.8 47.4 71.2
76 37.8 30.5 45.7

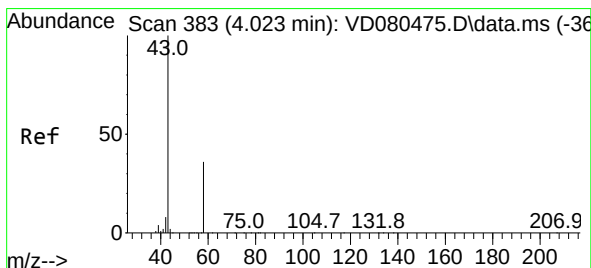
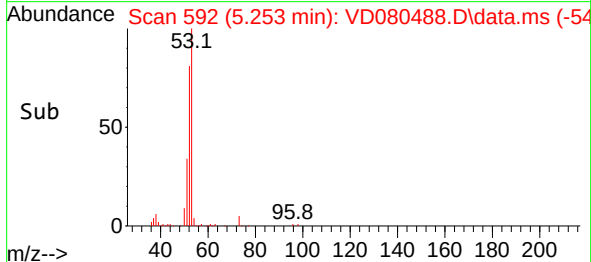
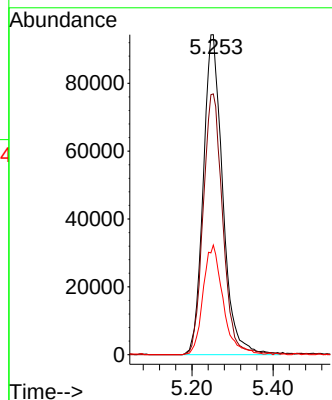
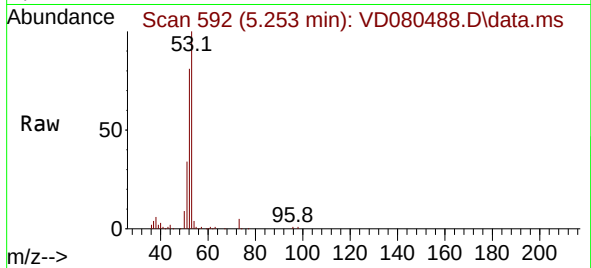




#15
Acrylonitrile
Concen: 246.889 ug/l
RT: 5.253 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

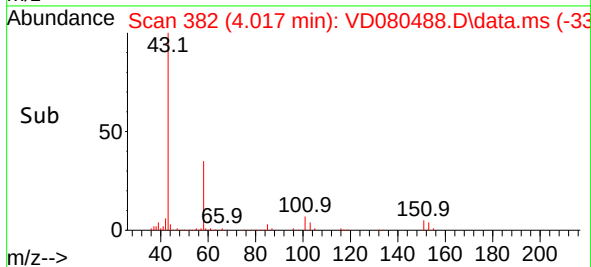
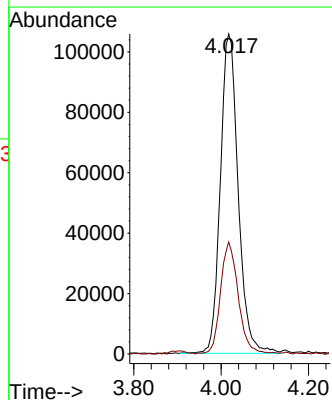
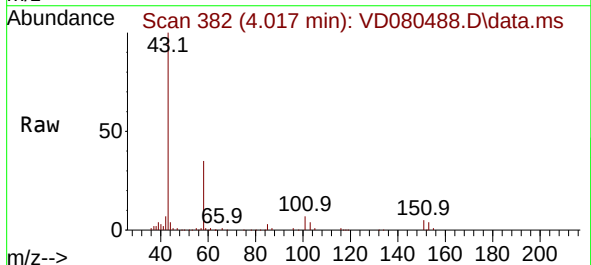
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

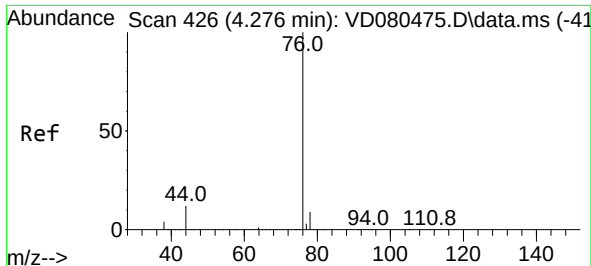
Tgt Ion: 53 Resp: 313156
Ion Ratio Lower Upper
53 100
52 82.2 64.7 97.1
51 35.2 27.9 41.9



#16
Acetone
Concen: 272.498 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 43 Resp: 298348
Ion Ratio Lower Upper
43 100
58 34.7 29.0 43.4

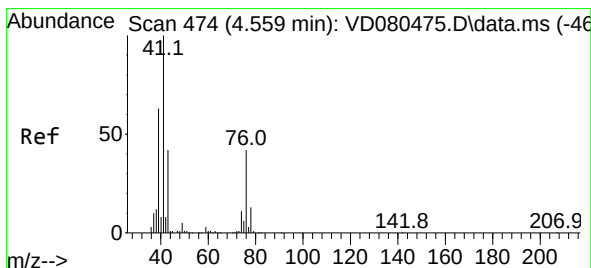
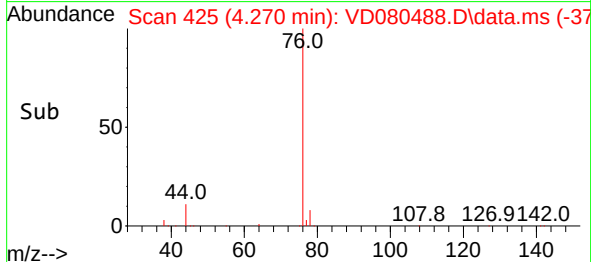
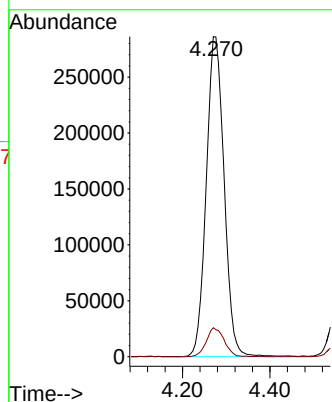
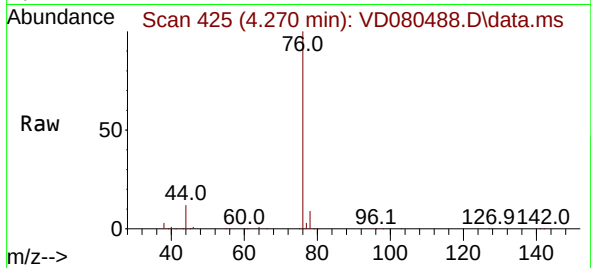




#17
Carbon Disulfide
Concen: 52.588 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

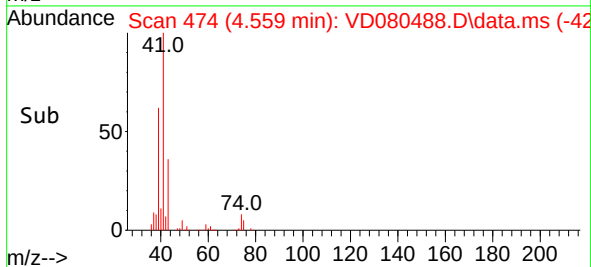
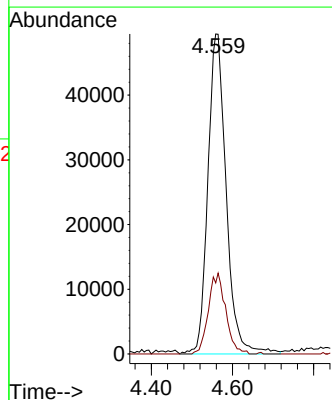
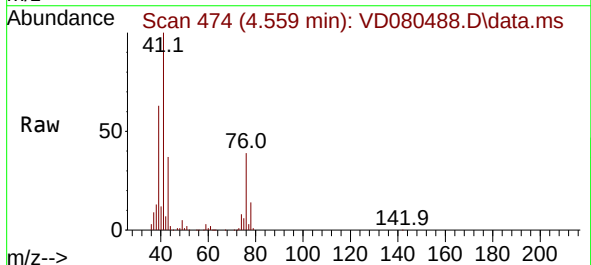
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

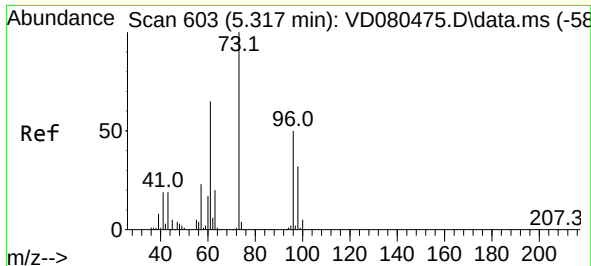
Tgt Ion: 76 Resp: 812411
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 46.389 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 43 Resp: 154490
Ion Ratio Lower Upper
43 100
74 23.8 20.4 30.6

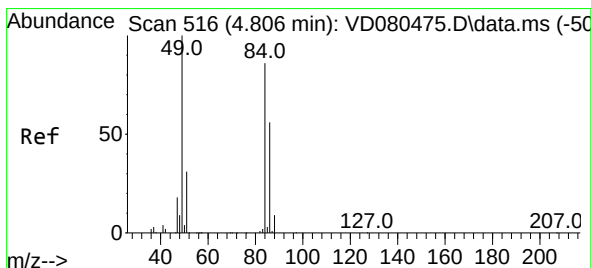
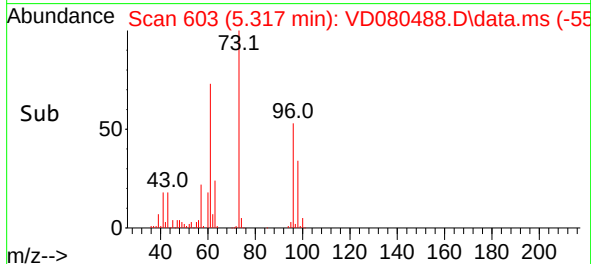
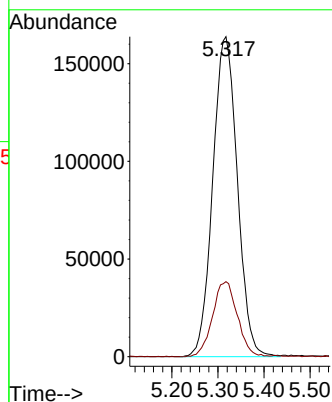
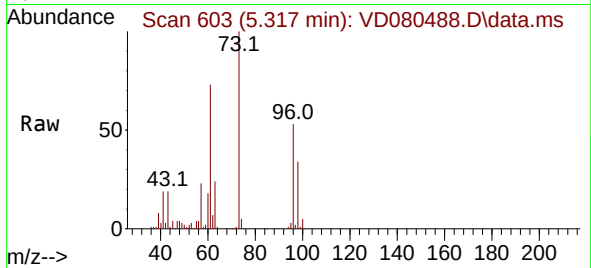




#19
Methyl tert-butyl Ether
Concen: 49.908 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

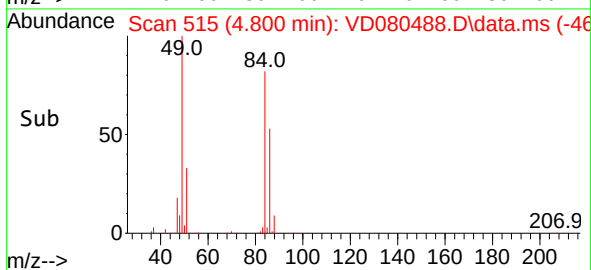
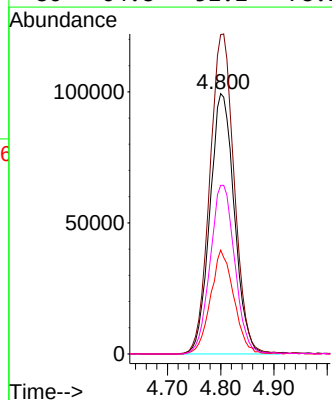
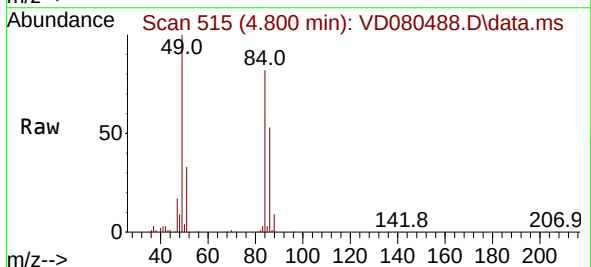
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

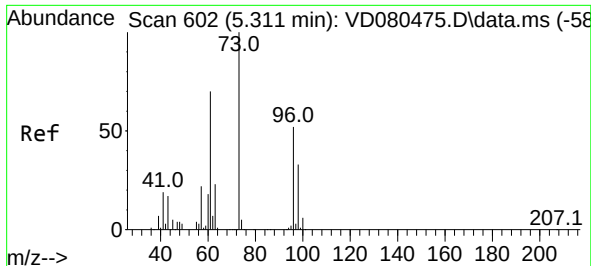
Tgt Ion: 73 Resp: 606754
Ion Ratio Lower Upper
73 100
57 23.4 18.5 27.7



#20
Methylene Chloride
Concen: 52.641 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 84 Resp: 317112
Ion Ratio Lower Upper
84 100
49 122.5 92.8 139.2
51 39.9 29.0 43.6
86 64.8 52.2 78.2

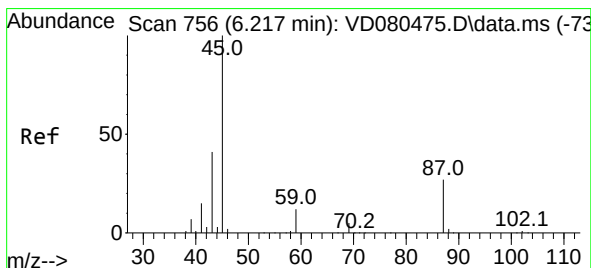
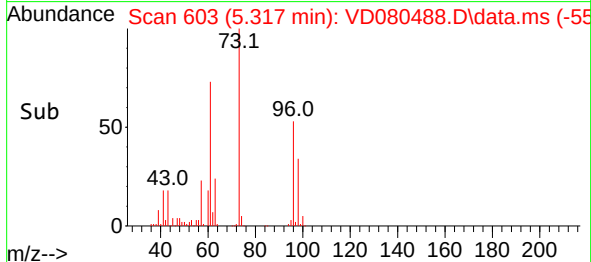
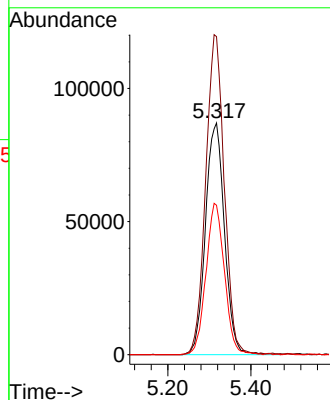
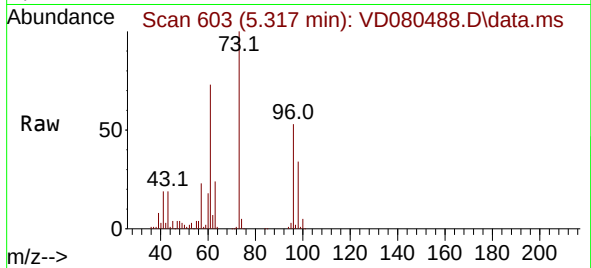




#21
trans-1,2-Dichloroethene
Concen: 50.736 ug/l
RT: 5.317 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

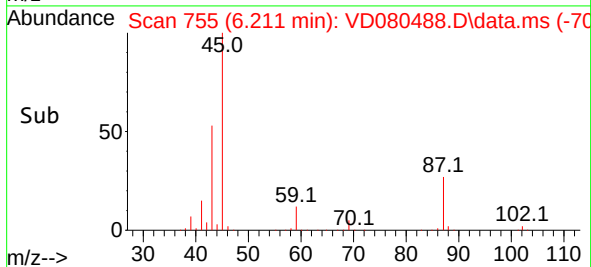
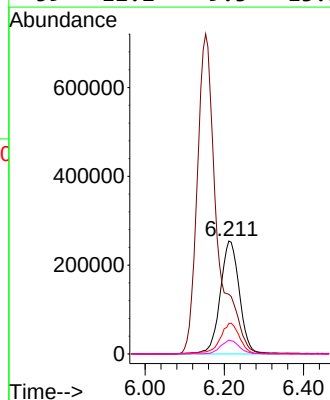
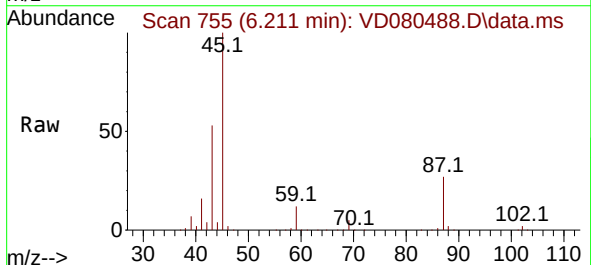
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

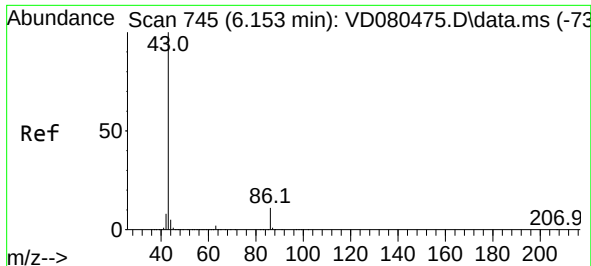
Tgt Ion: 96 Resp: 276842
Ion Ratio Lower Upper
96 100
61 137.2 108.6 163.0
98 64.5 51.5 77.3



#22
Diisopropyl ether
Concen: 51.471 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 45 Resp: 851285
Ion Ratio Lower Upper
45 100
43 52.4 39.5 59.3
87 26.7 22.3 33.5
59 12.2 9.3 13.9

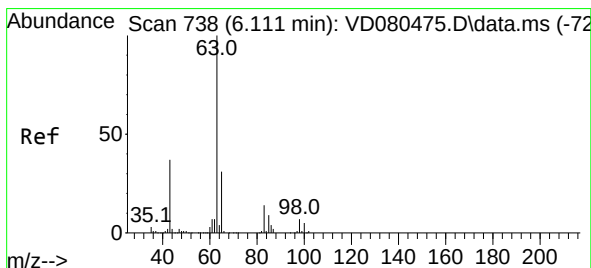
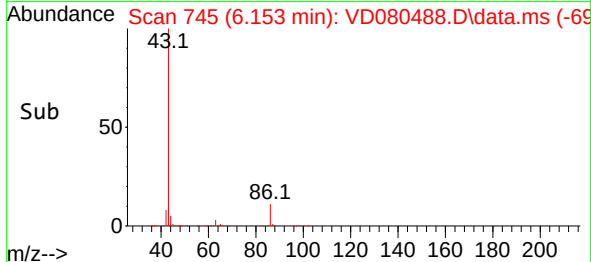
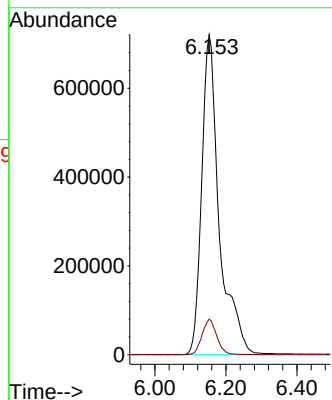
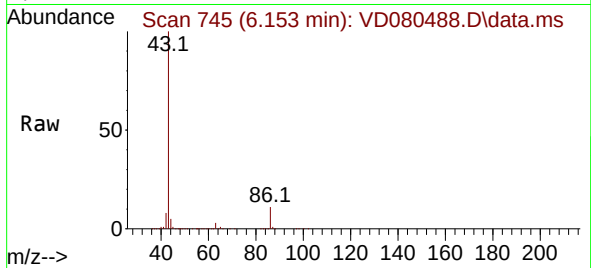




#23
 Vinyl Acetate
 Concen: 263.336 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080488.D
 Acq: 27 Jun 2025 10:33

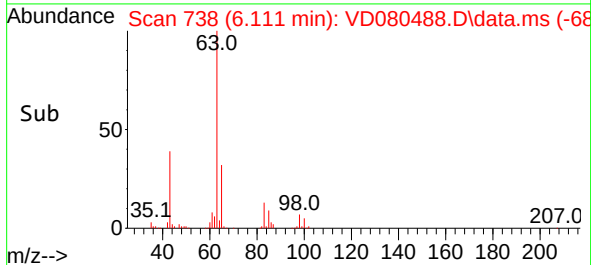
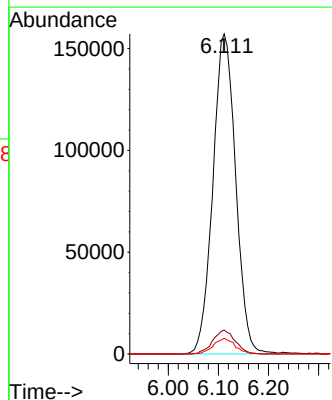
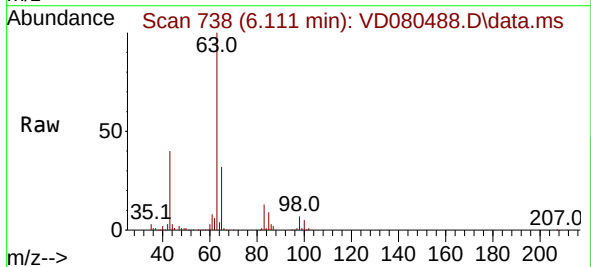
Instrument :
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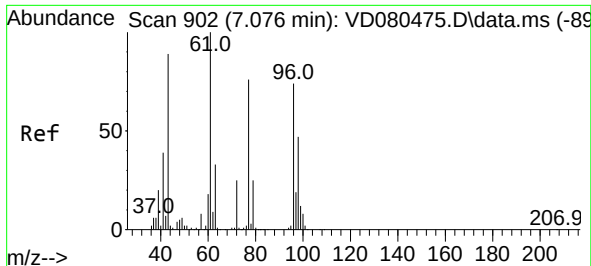
Tgt Ion: 43 Resp: 2481709
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 51.158 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080488.D
 Acq: 27 Jun 2025 10:33

Tgt Ion: 63 Resp: 496460
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.9 2.5 7.4

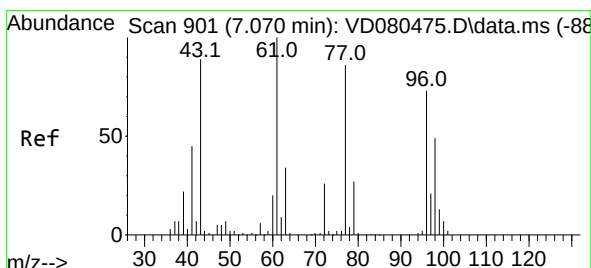
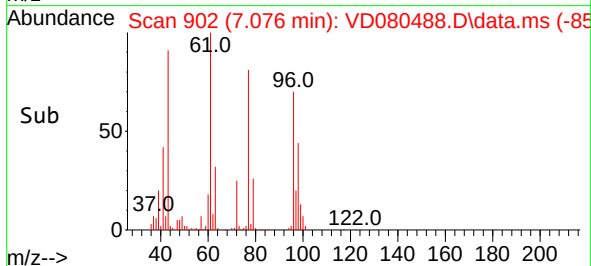
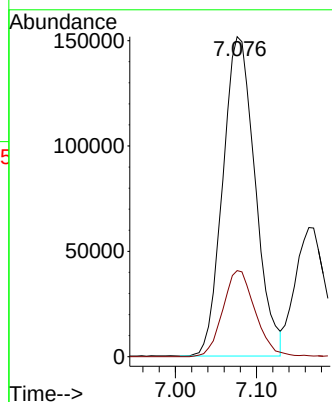
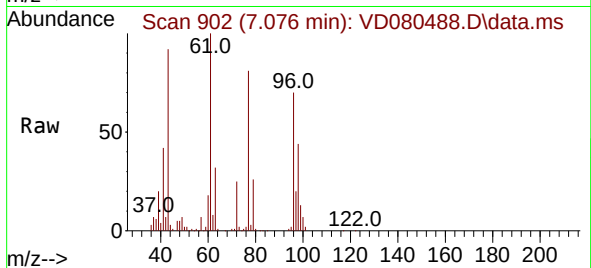




#25
2-Butanone
Concen: 260.982 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

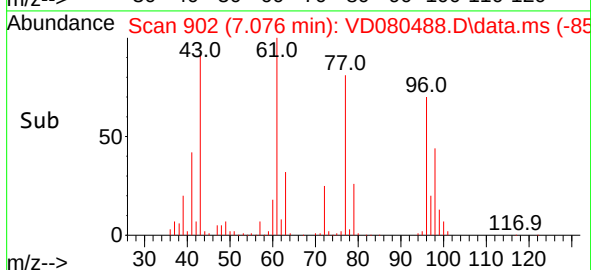
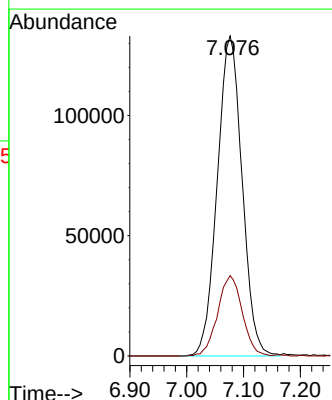
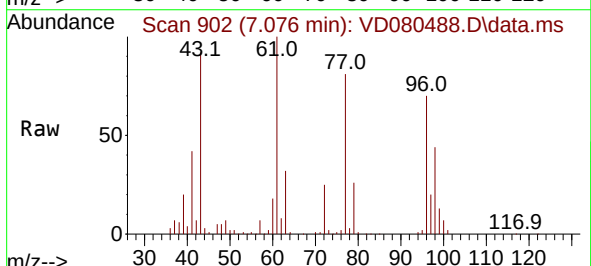
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

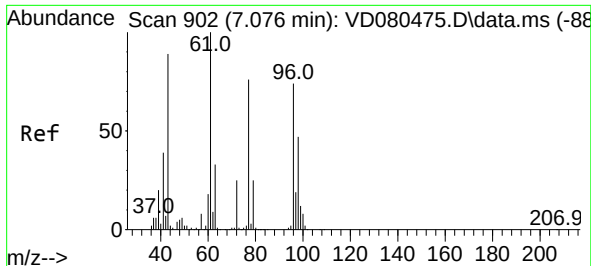
Tgt Ion: 43 Resp: 419388
Ion Ratio Lower Upper
43 100
72 26.9 22.8 34.2



#26
2,2-Dichloropropane
Concen: 52.572 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 77 Resp: 403738
Ion Ratio Lower Upper
77 100
97 24.8 12.2 36.6



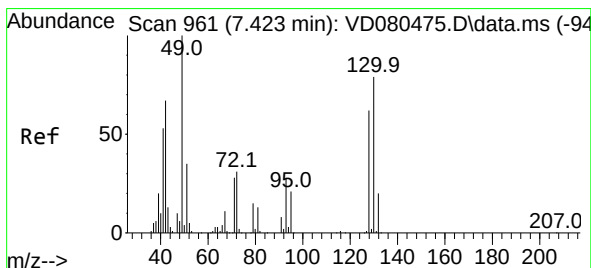
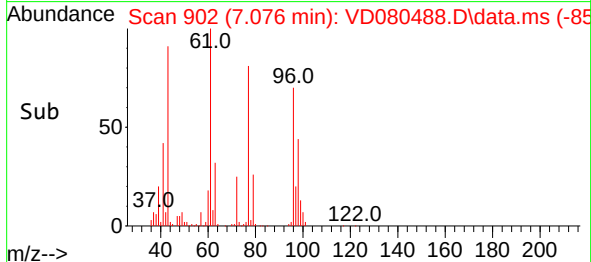
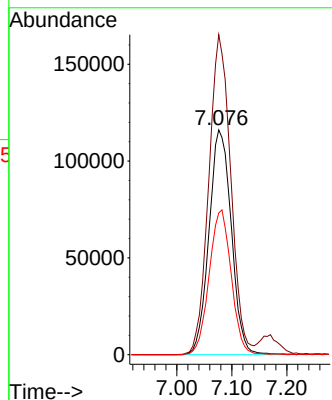
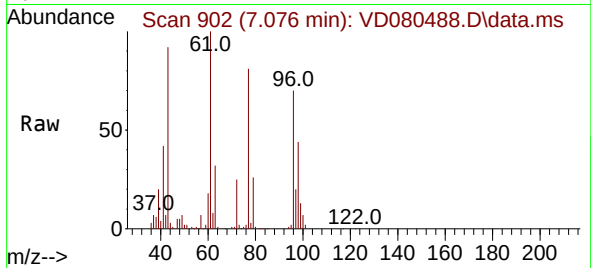


#27
 cis-1,2-Dichloroethene
 Concen: 50.294 ug/l
 RT: 7.076 min Scan# 902
 Delta R.T. 0.000 min
 Lab File: VD080488.D
 Acq: 27 Jun 2025 10:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 328074

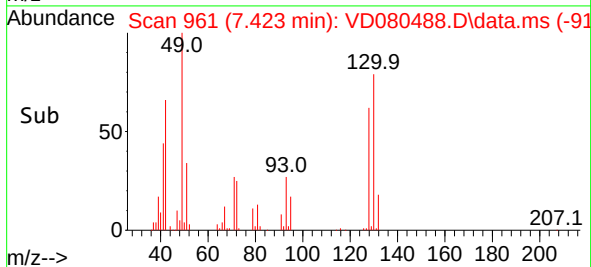
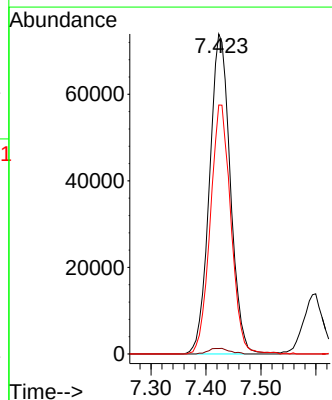
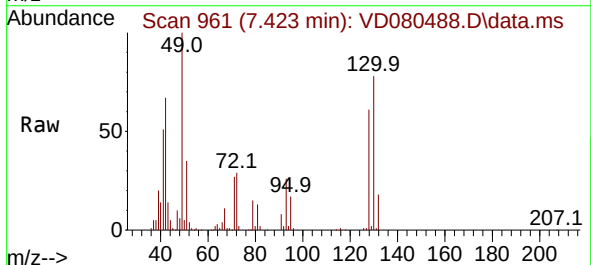
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	274.6
98	63.5	0.0	128.0

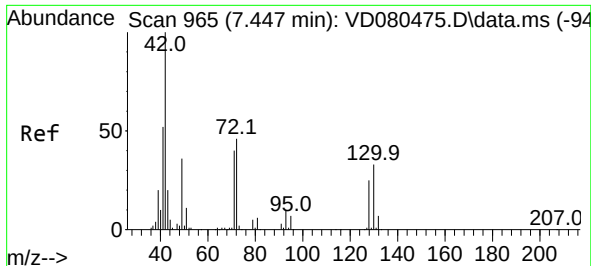


#28
 Bromochloromethane
 Concen: 50.958 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. 0.000 min
 Lab File: VD080488.D
 Acq: 27 Jun 2025 10:33

Tgt Ion: 49 Resp: 194961

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	76.7	62.8	94.2





#29

Tetrahydrofuran

Concen: 249.359 ug/l

RT: 7.441 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

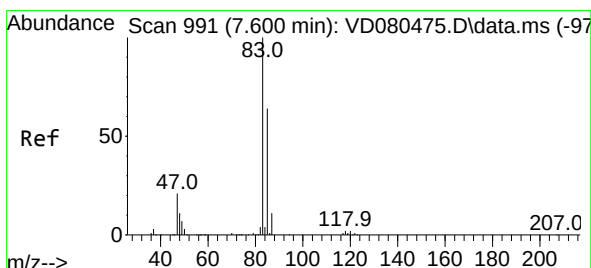
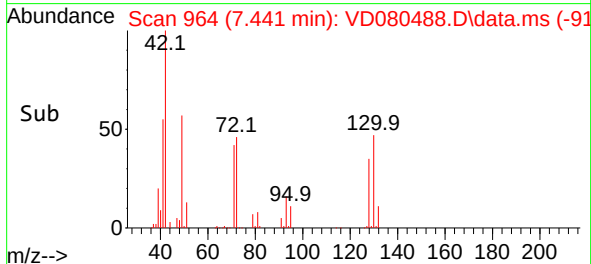
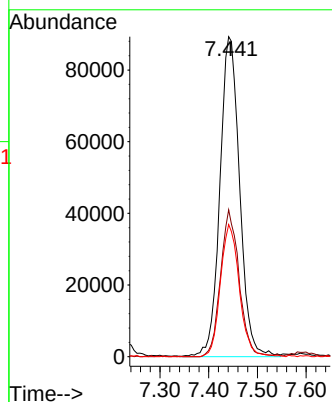
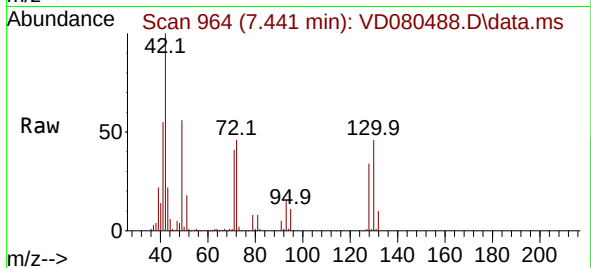
Tgt Ion: 42 Resp: 252448

Ion Ratio Lower Upper

42 100

72 43.1 35.9 53.9

71 39.5 33.2 49.8



#30

Chloroform

Concen: 50.712 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.006 min

Lab File: VD080488.D

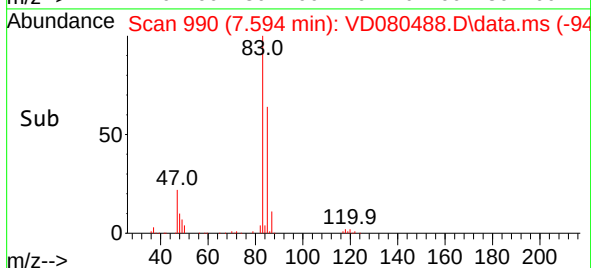
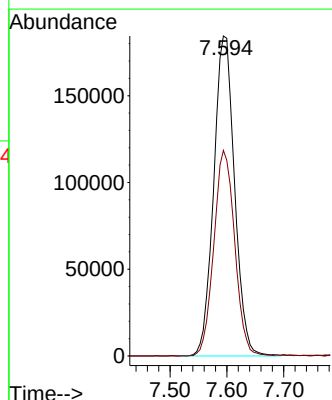
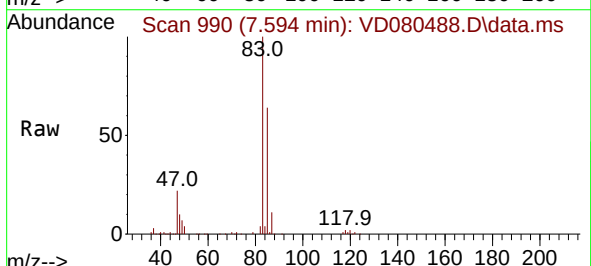
Acq: 27 Jun 2025 10:33

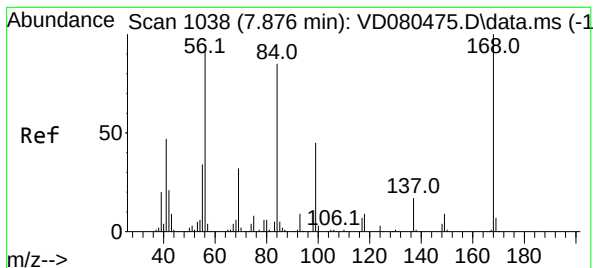
Tgt Ion: 83 Resp: 471088

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8





#31

Cyclohexane

Concen: 50.110 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

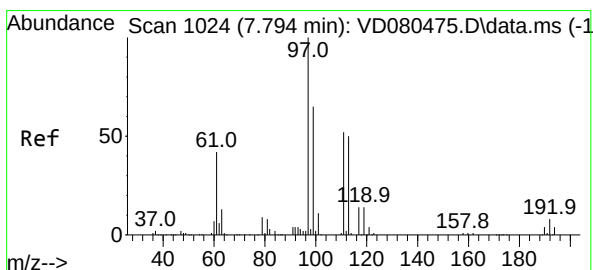
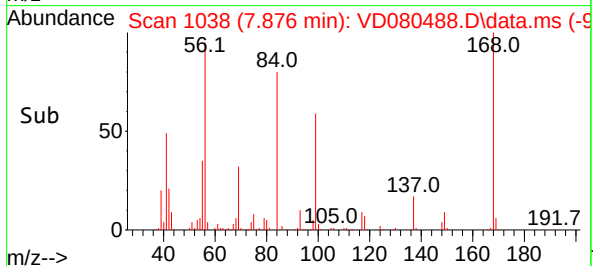
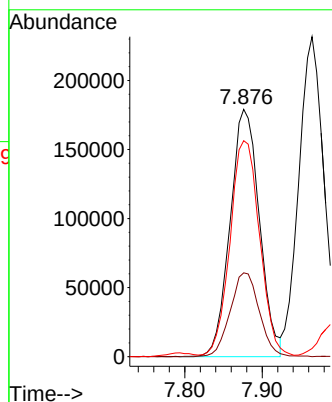
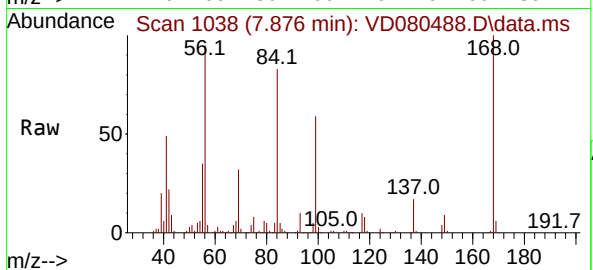
Tgt Ion: 56 Resp: 471208

Ion Ratio Lower Upper

56 100

69 33.9 28.1 42.1

84 85.8 73.7 110.5



#32

1,1,1-Trichloroethane

Concen: 51.500 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

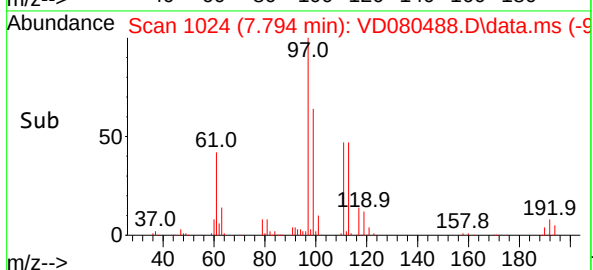
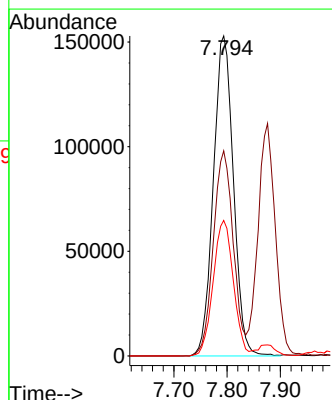
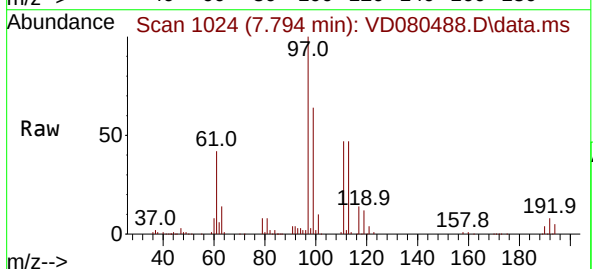
Tgt Ion: 97 Resp: 399993

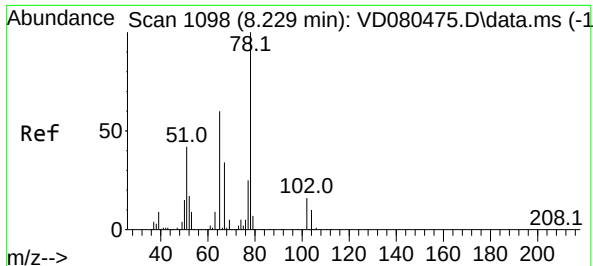
Ion Ratio Lower Upper

97 100

99 63.8 51.5 77.3

61 42.6 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 50.818 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Instrument :

MSVOA_D

ClientSampleId :

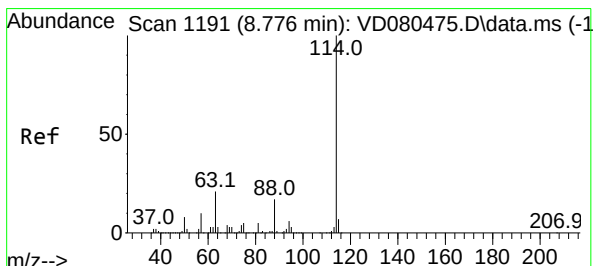
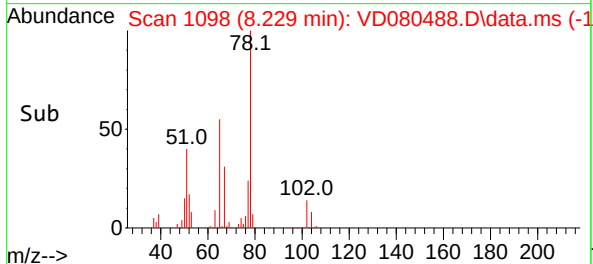
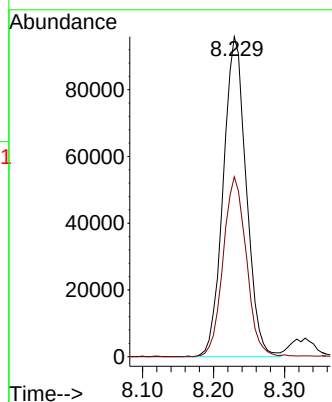
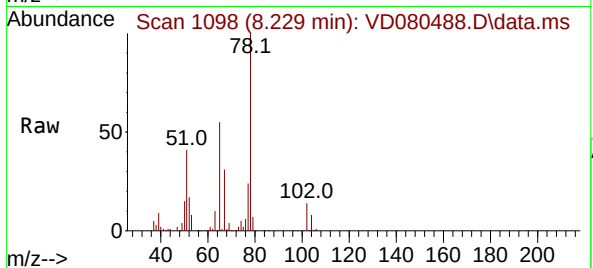
VSTDCCC050

Tgt Ion: 65 Resp: 215343

Ion Ratio Lower Upper

65 100

67 56.6 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: VD080488.D

Acq: 27 Jun 2025 10:33

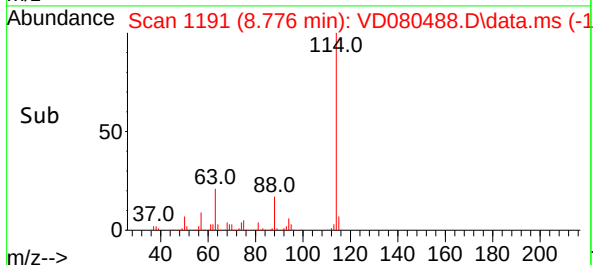
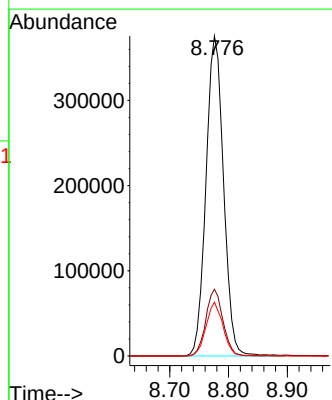
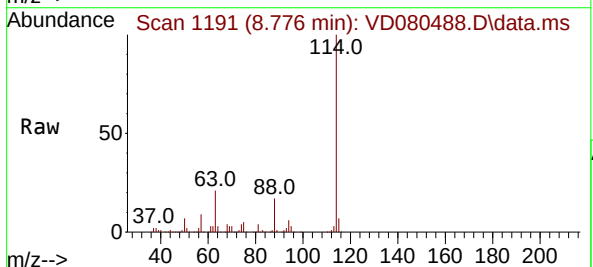
Tgt Ion: 114 Resp: 779526

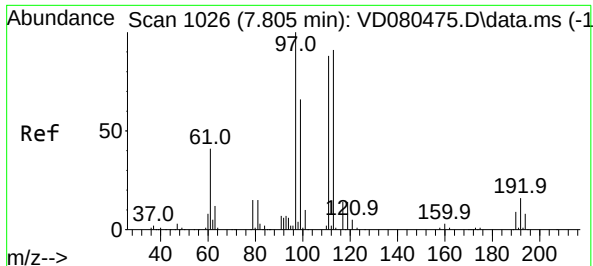
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.0

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.496 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

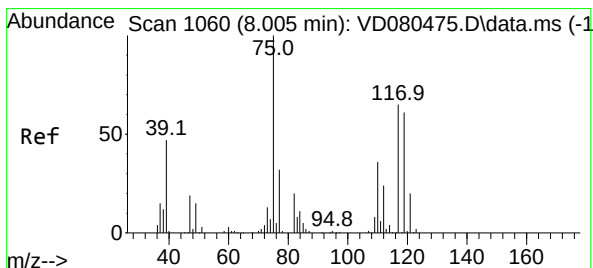
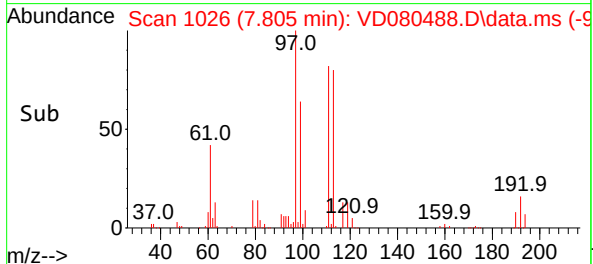
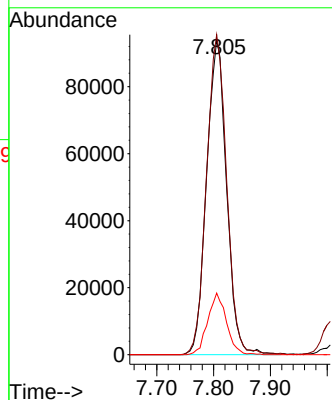
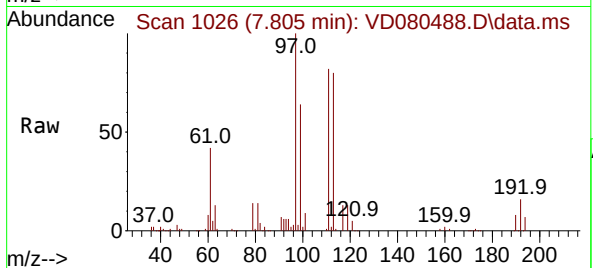
Tgt Ion:113 Resp: 229148

Ion Ratio Lower Upper

113 100

111 102.7 82.5 123.7

192 18.4 15.0 22.6



#36

1,1-Dichloropropene

Concen: 52.524 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

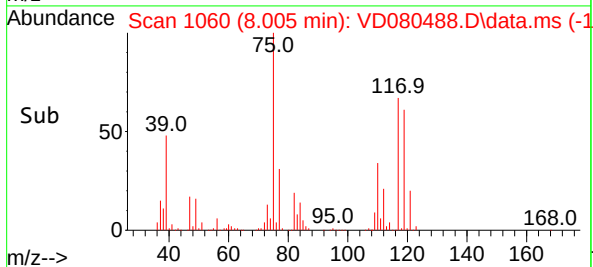
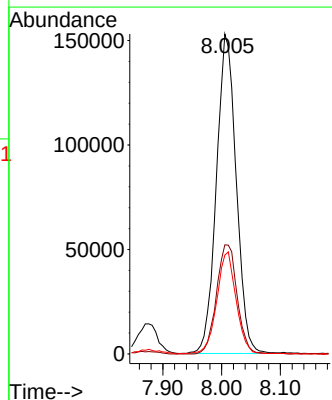
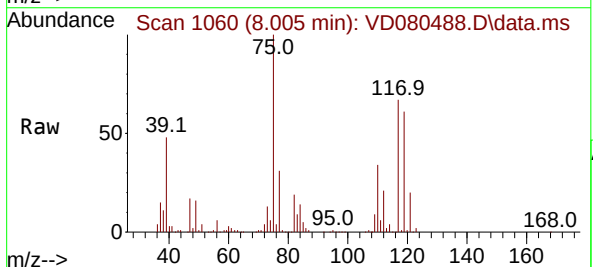
Tgt Ion: 75 Resp: 358072

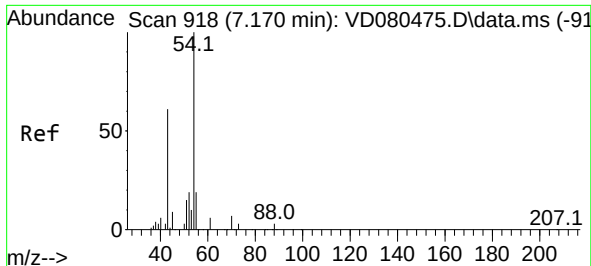
Ion Ratio Lower Upper

75 100

110 35.7 18.2 54.6

77 31.0 25.2 37.8

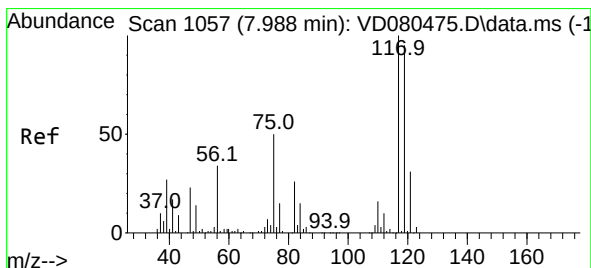
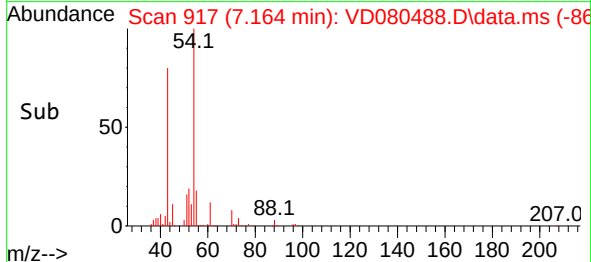
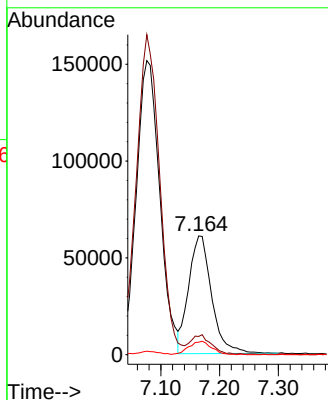
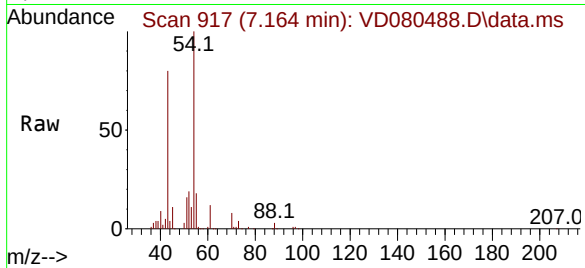




#37
Ethyl Acetate
Concen: 49.806 ug/l
RT: 7.164 min Scan# 918
Delta R.T. -0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

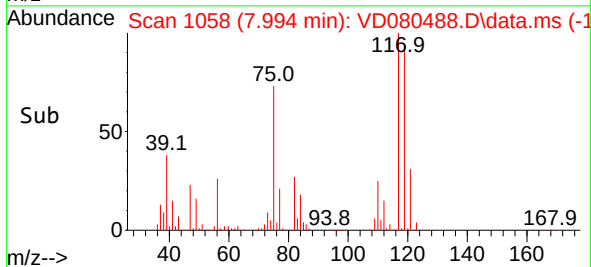
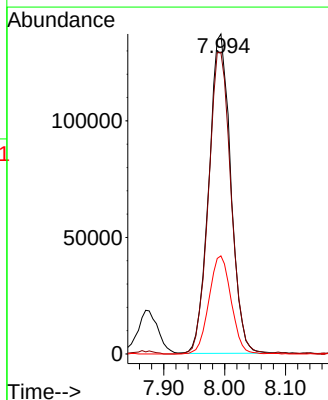
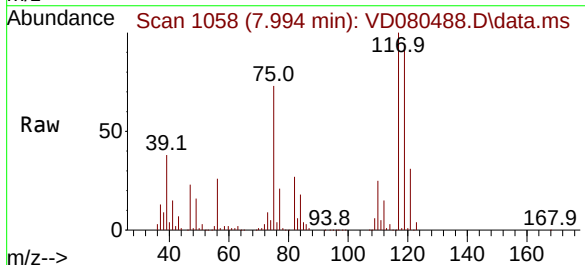
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

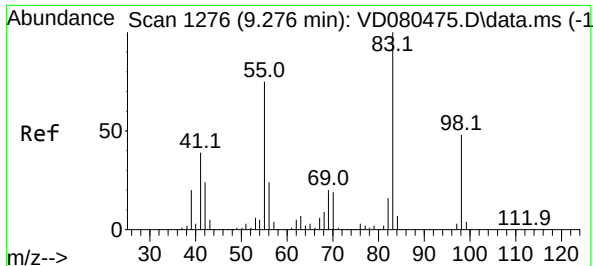
Tgt Ion: 43 Resp: 165024
Ion Ratio Lower Upper
43 100
61 14.1 12.2 18.2
70 11.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 52.463 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 117 Resp: 341709
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
121 30.7 25.0 37.4





#39

Methylcyclohexane

Concen: 52.756 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

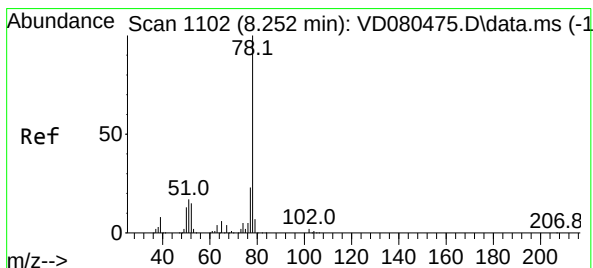
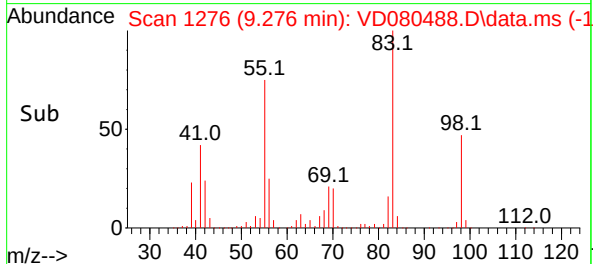
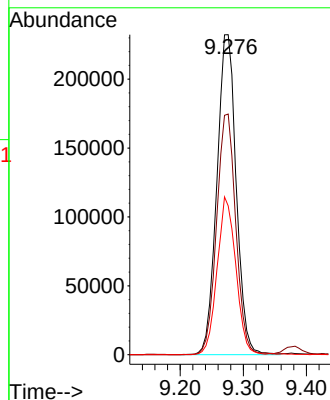
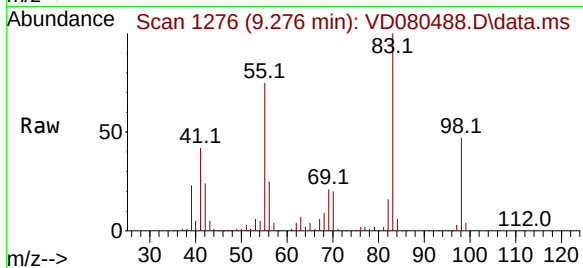
Tgt Ion: 83 Resp: 495164

Ion Ratio Lower Upper

83 100

55 75.2 59.8 89.8

98 46.5 38.2 57.2



#40

Benzene

Concen: 51.315 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080488.D

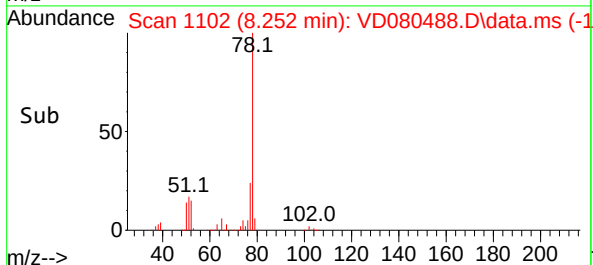
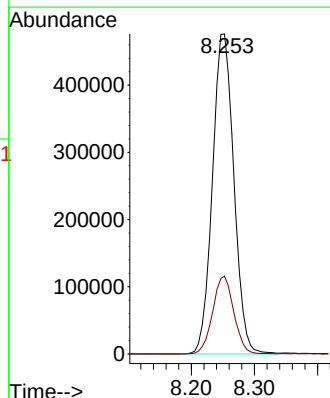
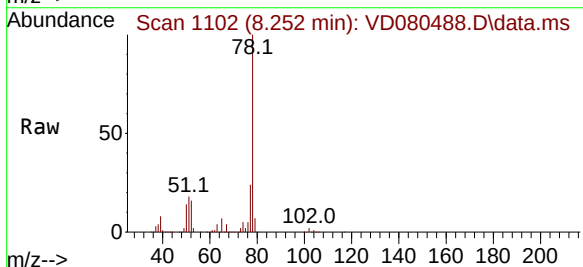
Acq: 27 Jun 2025 10:33

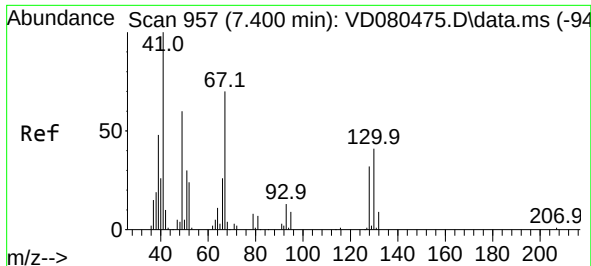
Tgt Ion: 78 Resp: 1122796

Ion Ratio Lower Upper

78 100

77 24.4 18.6 28.0



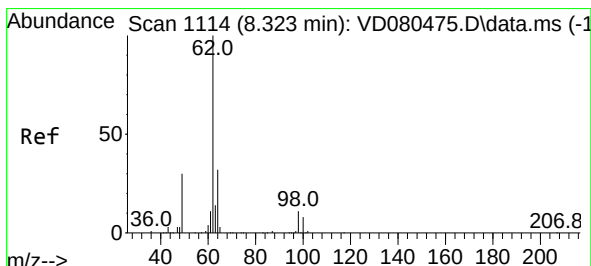
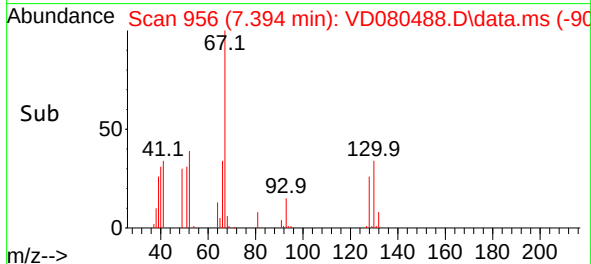
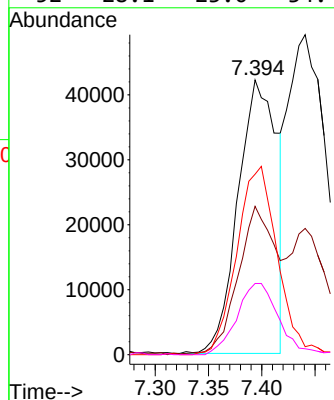
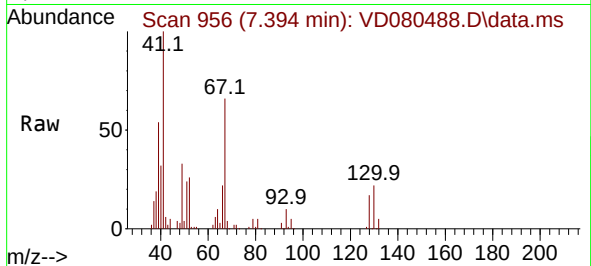


#41
Methacrylonitrile
Concen: 50.538 ug/l
RT: 7.394 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 107023

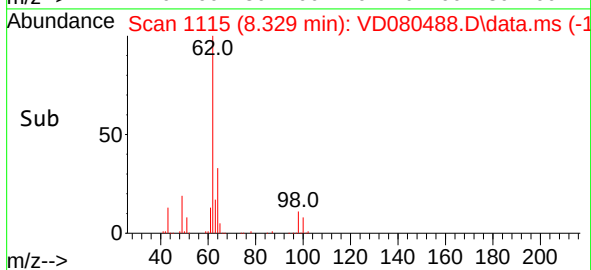
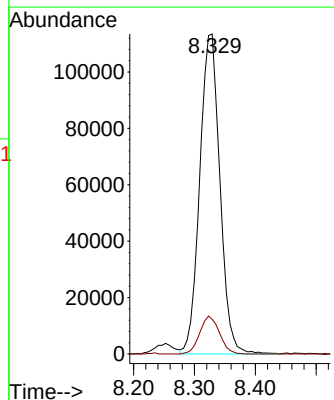
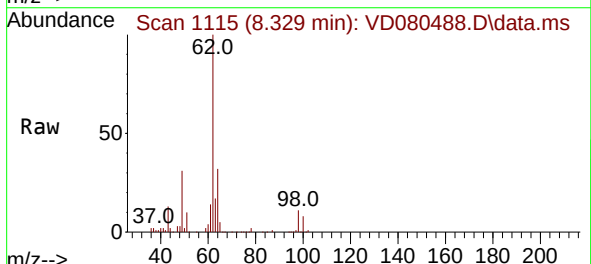
Ion	Ratio	Lower	Upper
41	100		
39	51.6	43.4	65.0
67	72.4	59.2	88.8
52	28.1	23.0	34.4

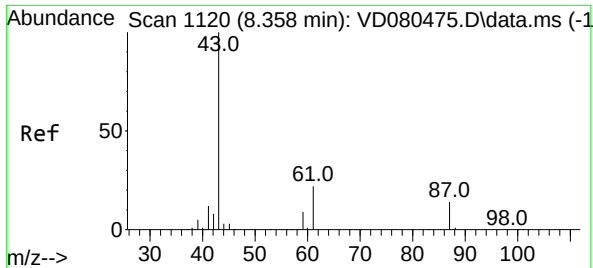


#42
1,2-Dichloroethane
Concen: 50.846 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 62 Resp: 261720

Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.0

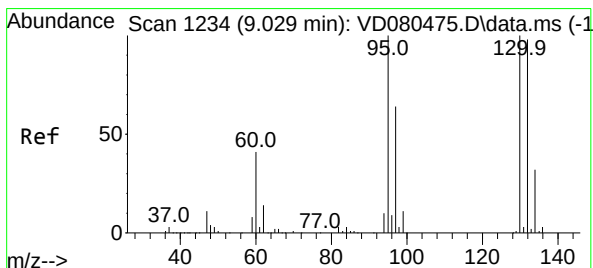
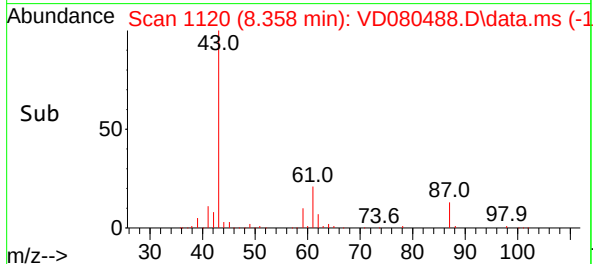
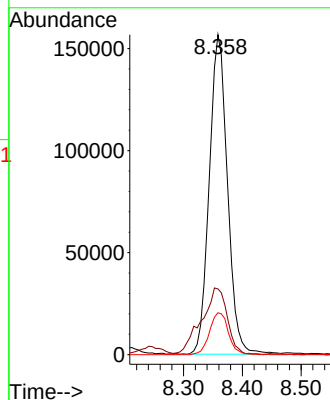
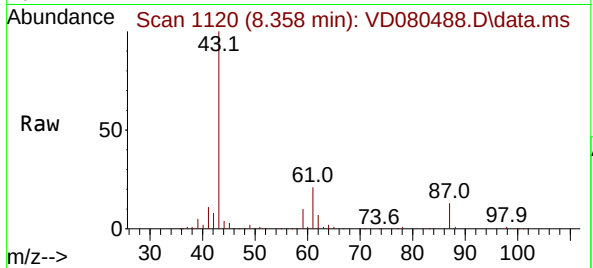




#43
Isopropyl Acetate
Concen: 51.761 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

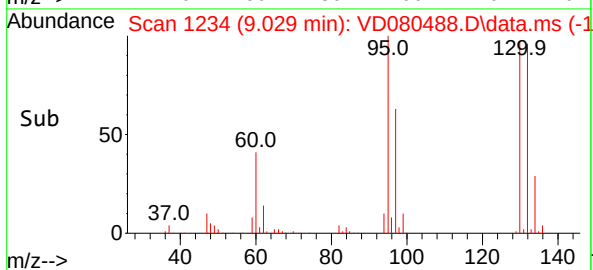
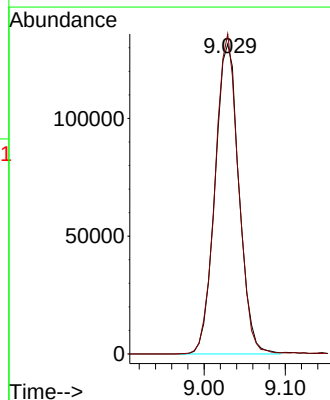
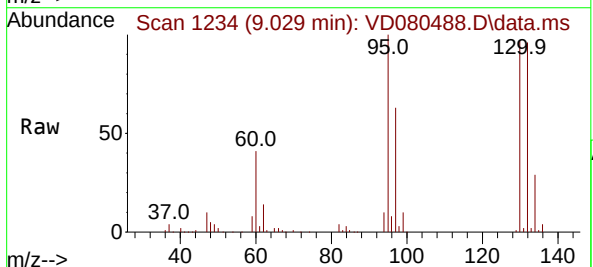
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

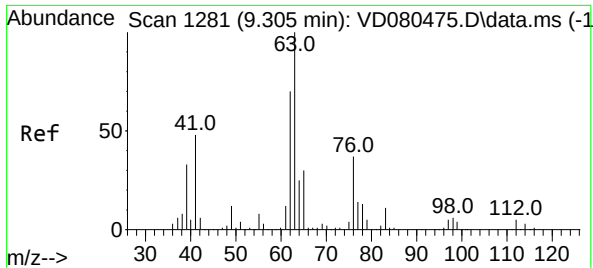
Tgt Ion: 43 Resp: 337525
Ion Ratio Lower Upper
43 100
61 29.8 24.4 36.6
87 13.6 11.4 17.2



#44
Trichloroethene
Concen: 50.975 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion:130 Resp: 270309
Ion Ratio Lower Upper
130 100
95 103.1 0.0 200.6





#45

1,2-Dichloropropane

Concen: 51.781 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Instrument :

MSVOA_D

ClientSampleId :

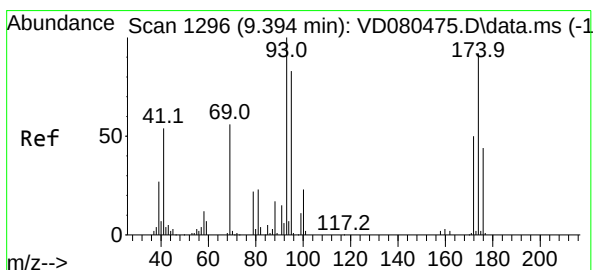
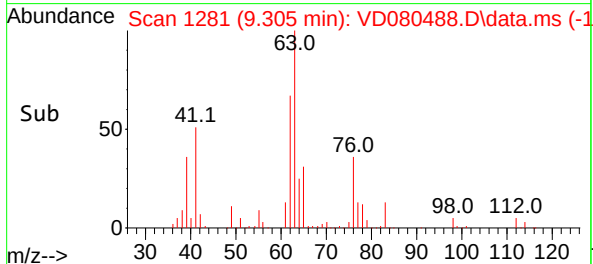
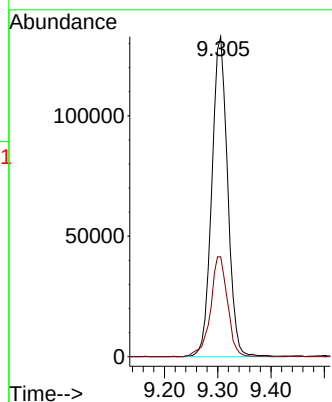
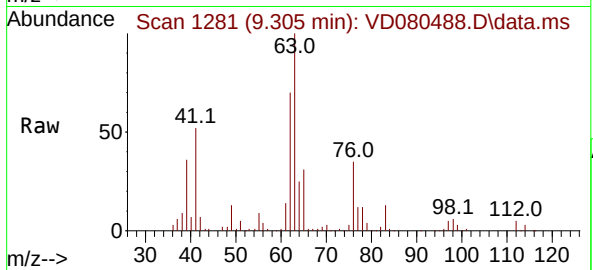
VSTDCCC050

Tgt Ion: 63 Resp: 274780

Ion Ratio Lower Upper

63 100

65 31.2 24.0 36.0



#46

Dibromomethane

Concen: 50.429 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

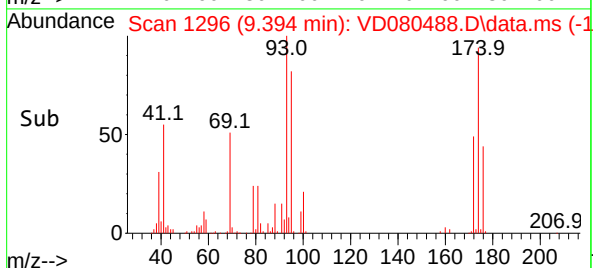
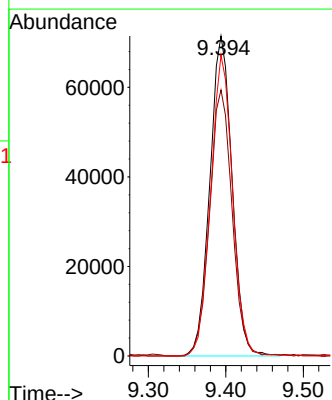
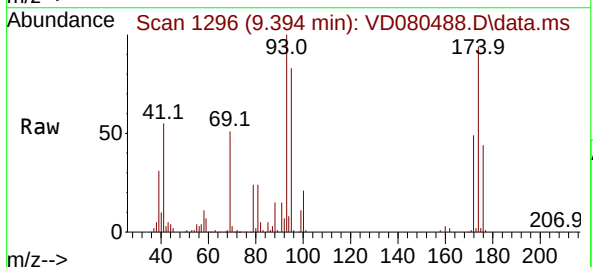
Tgt Ion: 93 Resp: 142682

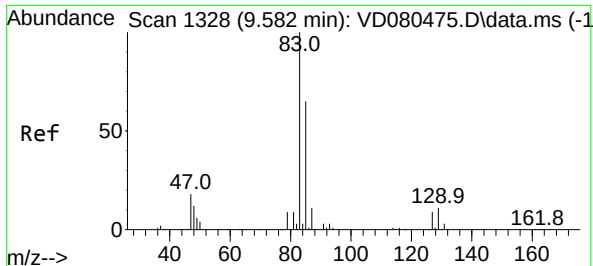
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 92.9 75.4 113.0

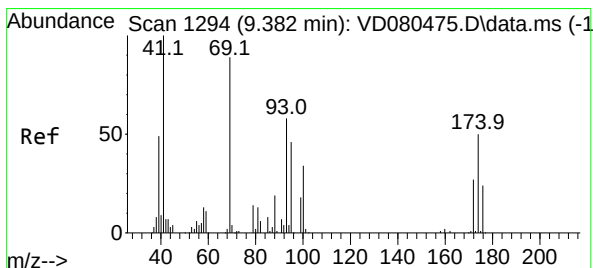
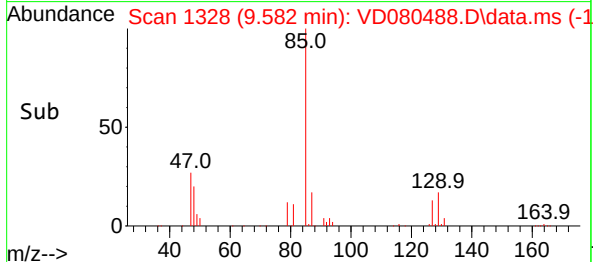
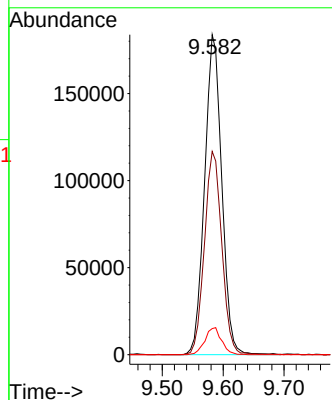
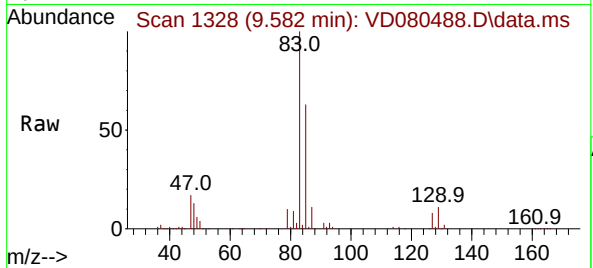




#47
Bromodichloromethane
Concen: 51.225 ug/l
RT: 9.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

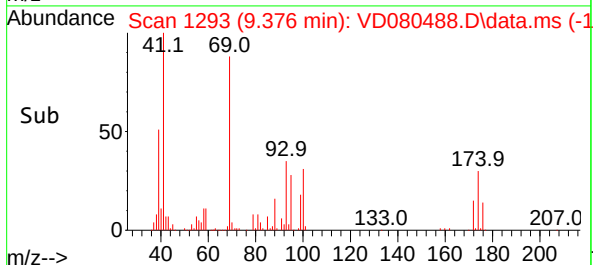
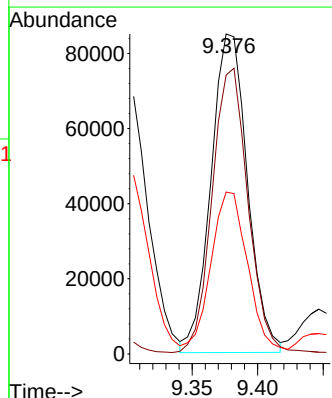
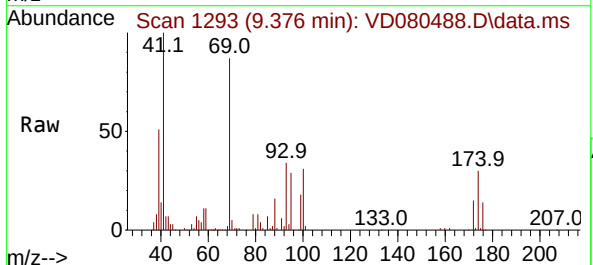
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

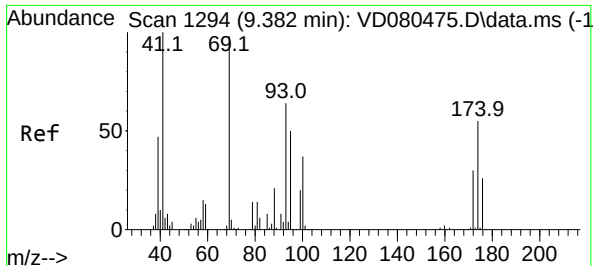
Tgt Ion: 83 Resp: 359312
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.2
127 8.2 6.9 10.3



#48
Methyl methacrylate
Concen: 49.848 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 41 Resp: 164431
Ion Ratio Lower Upper
41 100
69 87.6 70.2 105.4
39 48.3 40.2 60.2





#49

1,4-Dioxane

Concen: 969.375 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

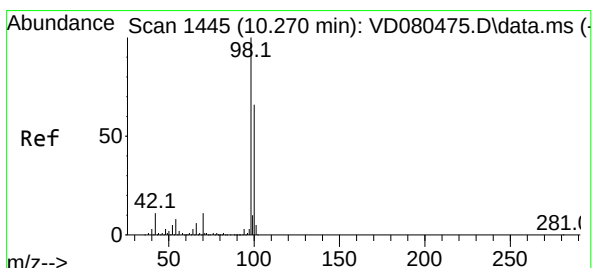
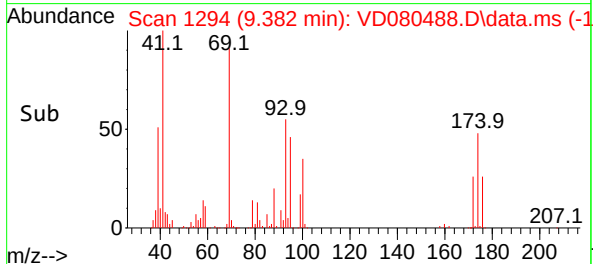
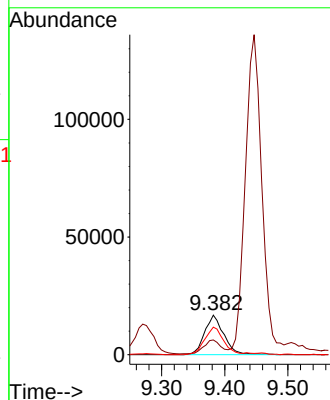
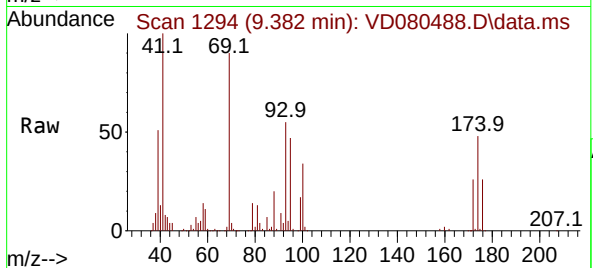
Tgt Ion: 88 Resp: 35580

Ion Ratio Lower Upper

88 100

43 31.5 26.7 40.1

58 68.6 56.4 84.6



#50

Toluene-d8

Concen: 52.479 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080488.D

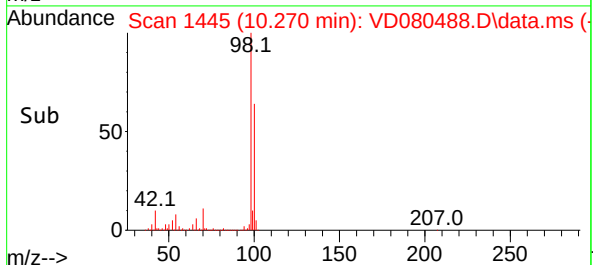
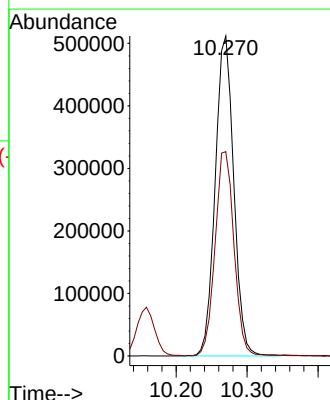
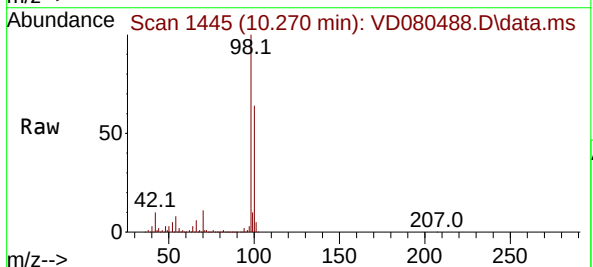
Acq: 27 Jun 2025 10:33

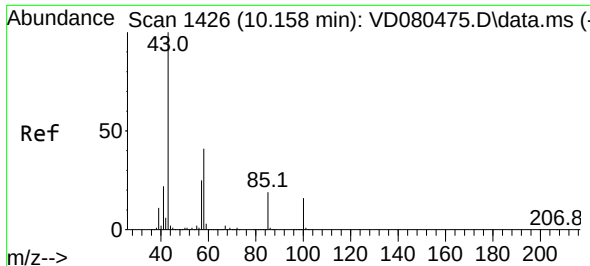
Tgt Ion: 98 Resp: 925424

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4

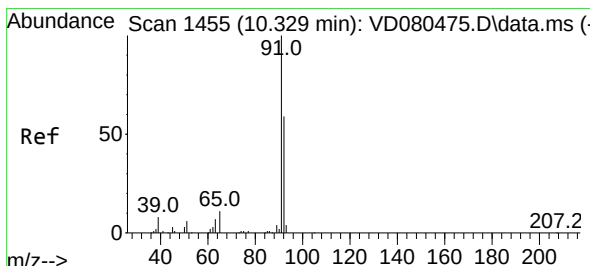
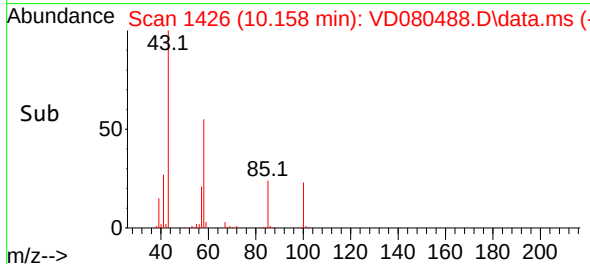
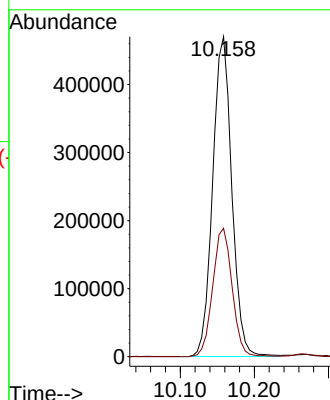
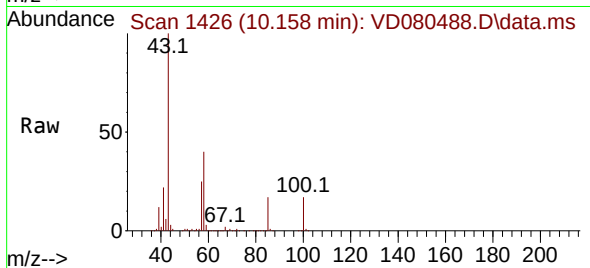




#51
4-Methyl-2-Pentanone
Concen: 254.363 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

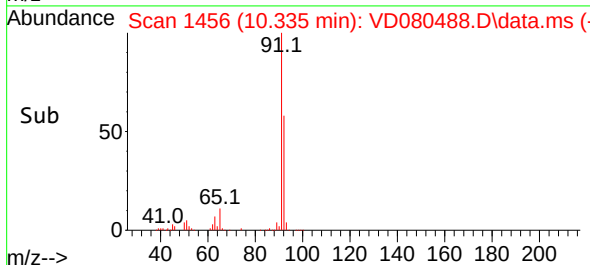
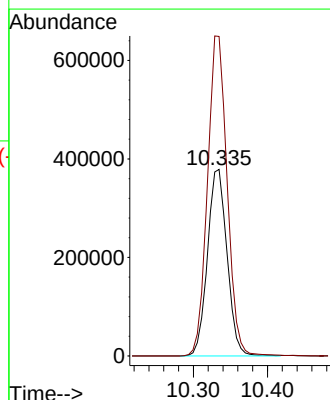
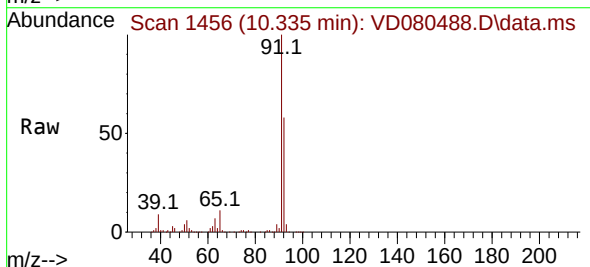
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

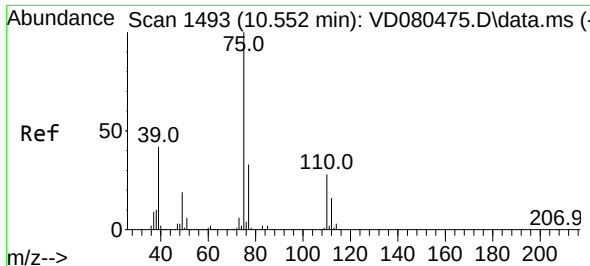
Tgt Ion: 43 Resp: 842286
Ion Ratio Lower Upper
43 100
58 40.8 33.3 49.9



#52
Toluene
Concen: 50.878 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 92 Resp: 695793
Ion Ratio Lower Upper
92 100
91 172.5 137.1 205.7

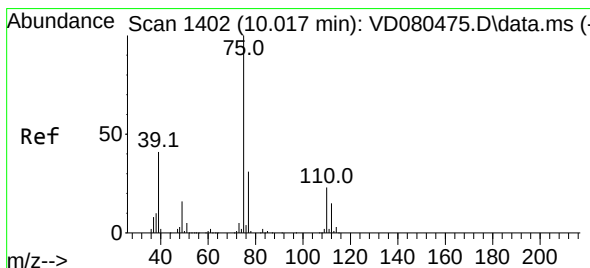
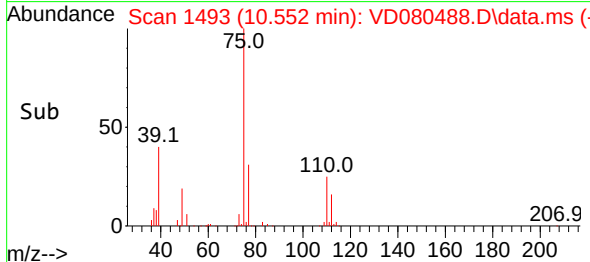
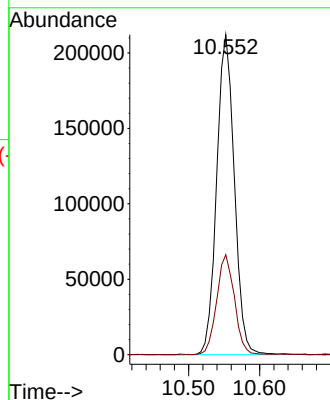
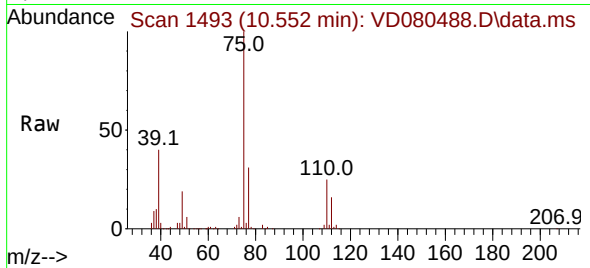




#53
 t-1,3-Dichloropropene
 Concen: 51.926 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080488.D
 Acq: 27 Jun 2025 10:33

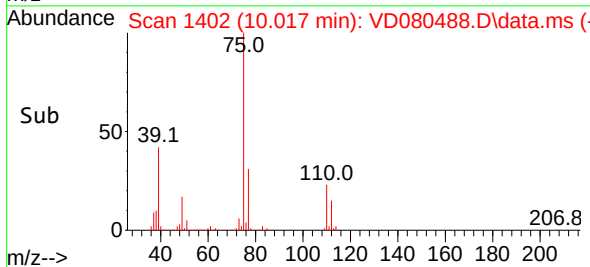
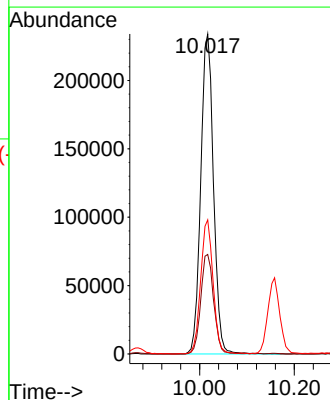
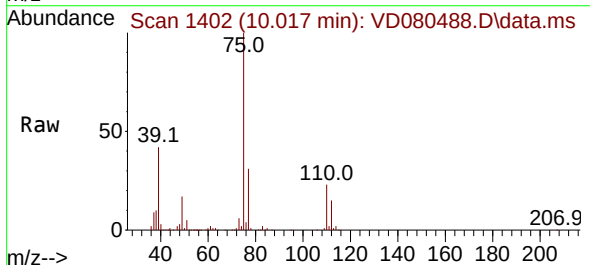
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

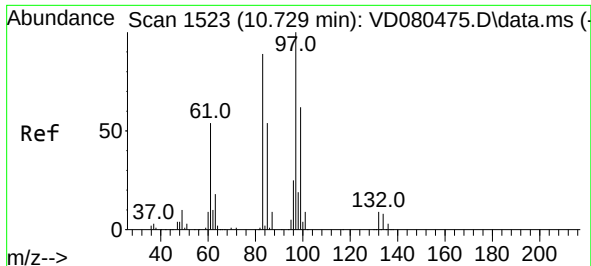
Tgt Ion: 75 Resp: 364799
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.596 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080488.D
 Acq: 27 Jun 2025 10:33

Tgt Ion: 75 Resp: 435466
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3
 39 41.8 32.5 48.7

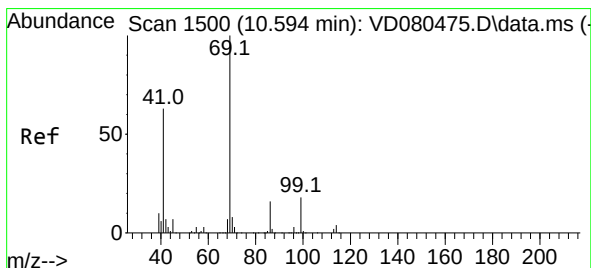
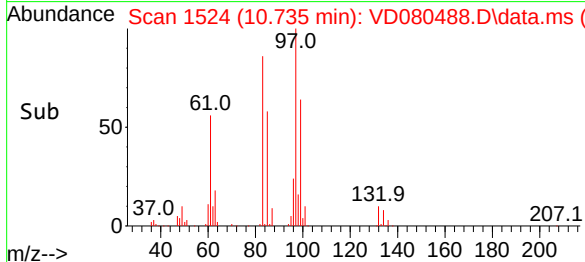
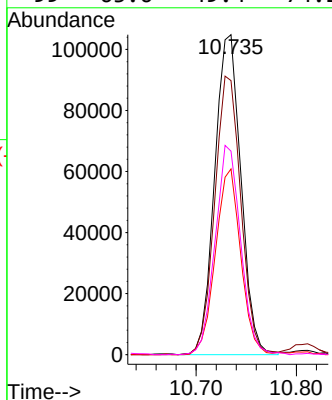
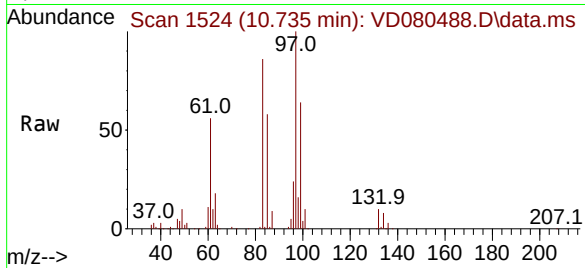




#55
1,1,2-Trichloroethane
Concen: 49.589 ug/l
RT: 10.735 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

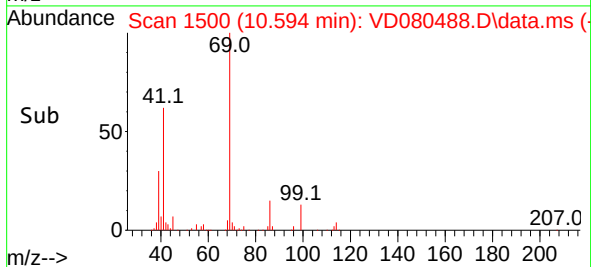
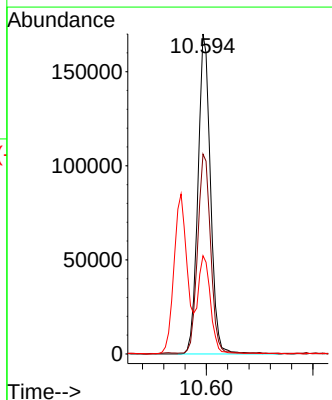
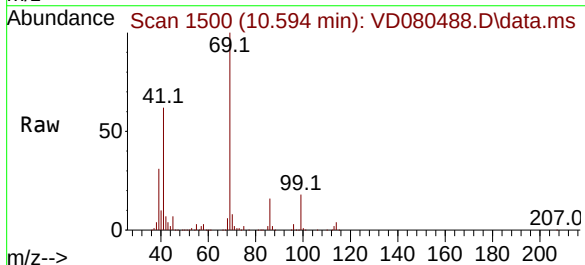
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

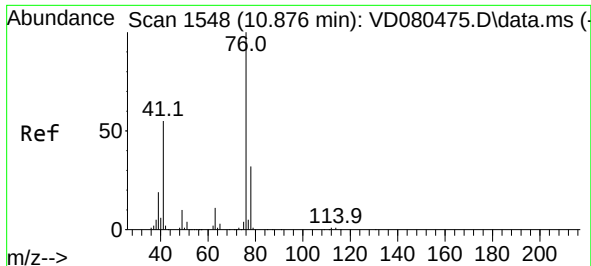
Tgt Ion:	97	Resp:	191261
Ion	Ratio	Lower	Upper
97	100		
83	85.7	71.4	107.2
85	58.1	43.4	65.2
99	63.6	49.4	74.2



#56
Ethyl methacrylate
Concen: 50.364 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion:	69	Resp:	277273
Ion	Ratio	Lower	Upper
69	100		
41	64.2	50.7	76.1
39	29.8	23.4	35.2

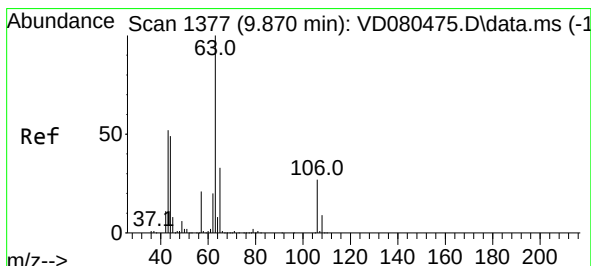
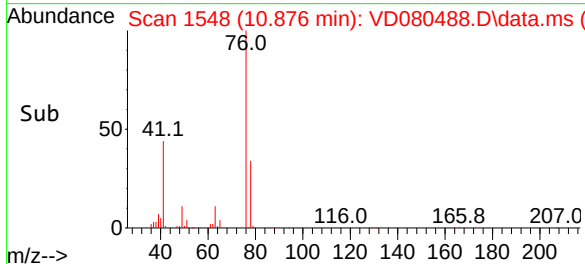
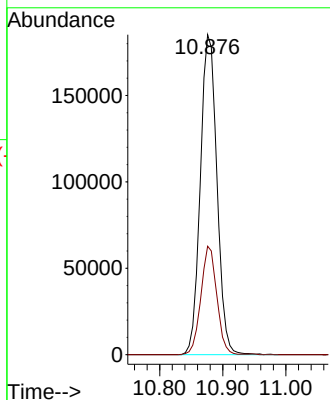
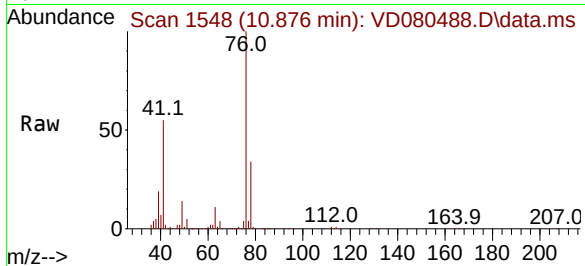




#57
1,3-Dichloropropane
Concen: 50.053 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

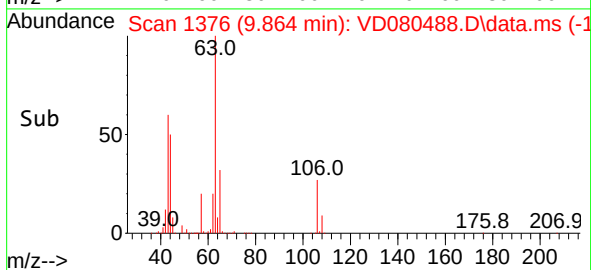
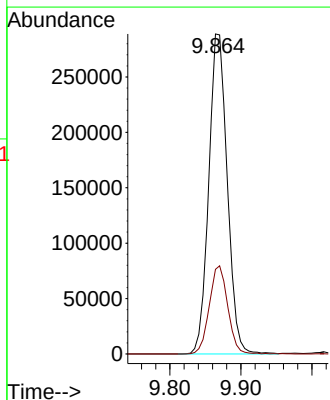
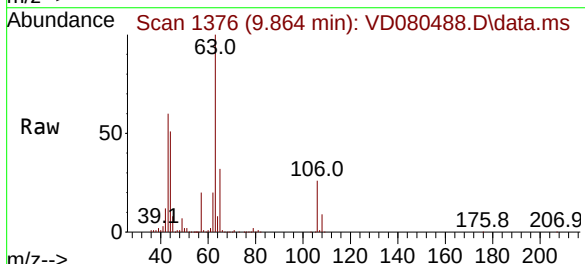
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

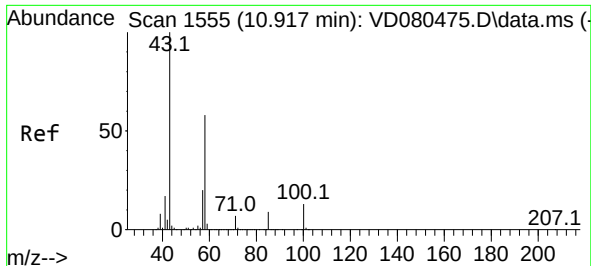
Tgt Ion: 76 Resp: 337773
Ion Ratio Lower Upper
76 100
78 32.5 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 248.660 ug/l
RT: 9.864 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 63 Resp: 522831
Ion Ratio Lower Upper
63 100
106 27.5 21.7 32.5

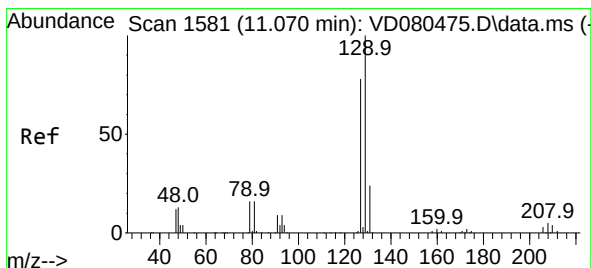
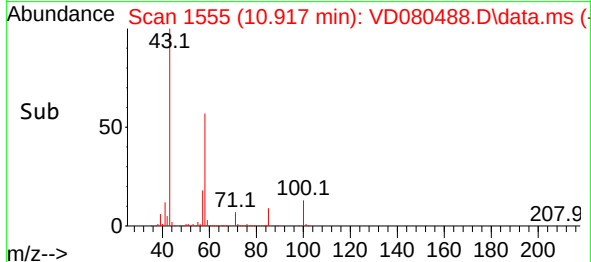
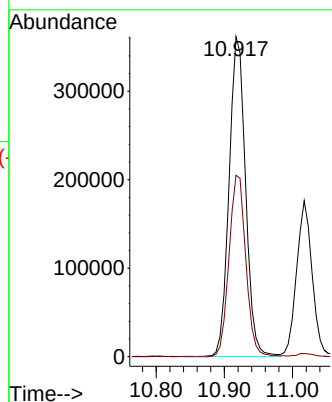
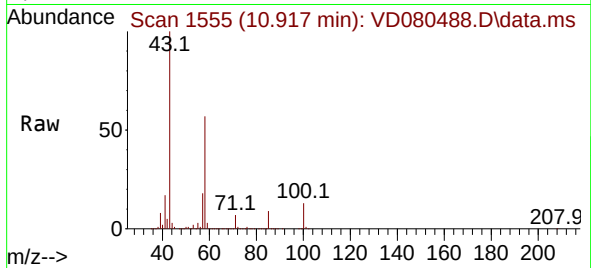




#59
2-Hexanone
Concen: 259.443 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

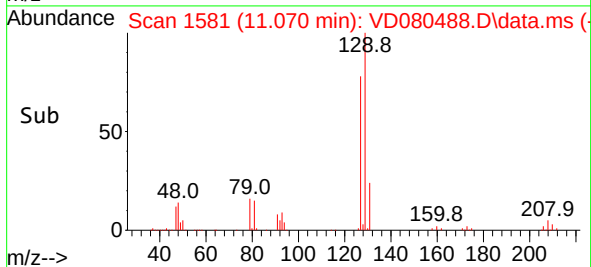
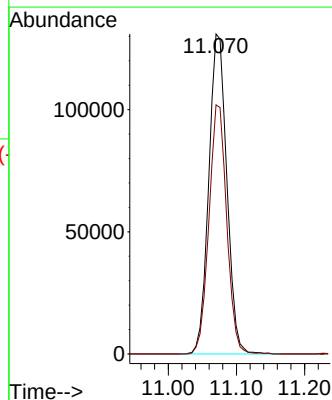
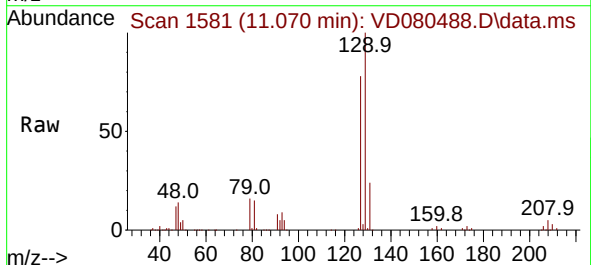
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

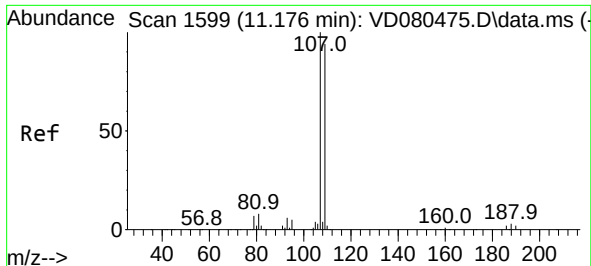
Tgt Ion: 43 Resp: 608031
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.1



#60
Dibromochloromethane
Concen: 50.655 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 129 Resp: 241144
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2

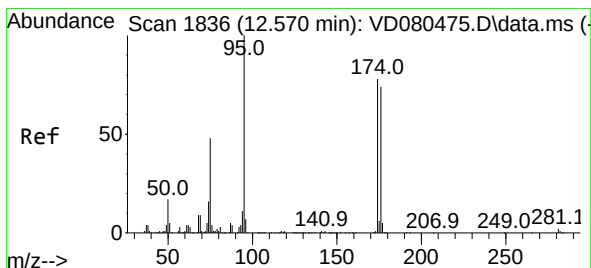
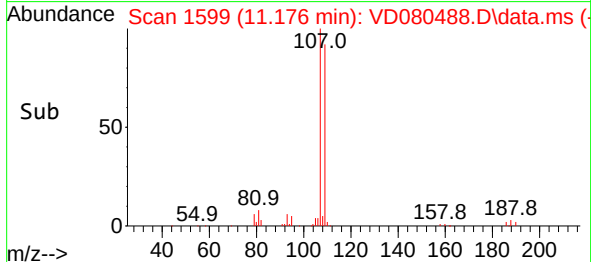
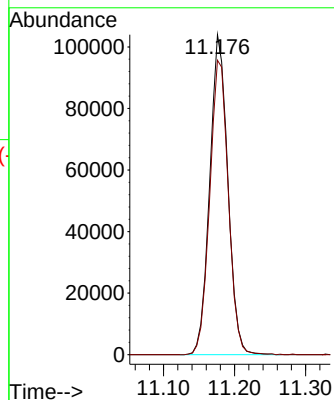
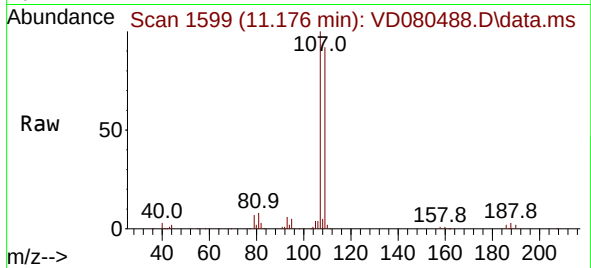




#61
1,2-Dibromoethane
Concen: 49.828 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

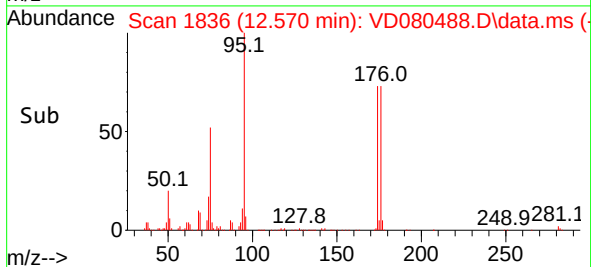
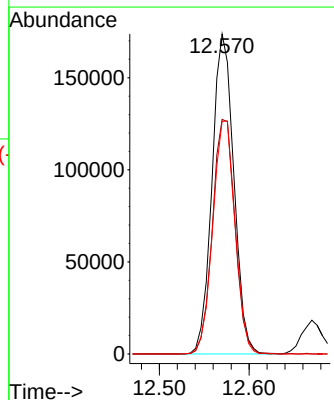
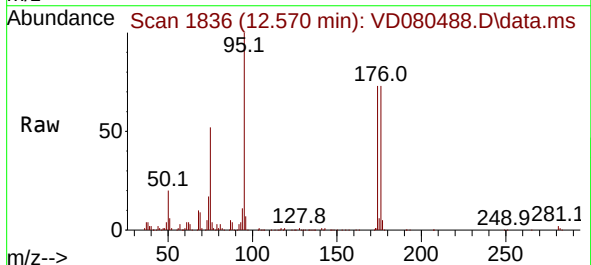
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

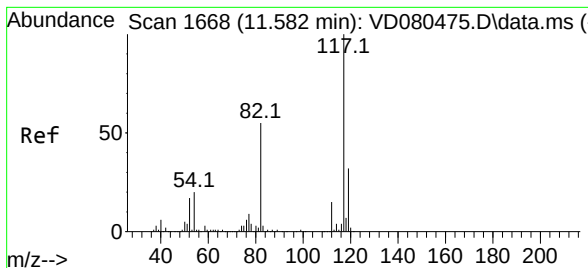
Tgt Ion:107 Resp: 183756
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 50.556 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 95 Resp: 292317
Ion Ratio Lower Upper
95 100
174 75.7 0.0 154.0
176 74.5 0.0 149.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

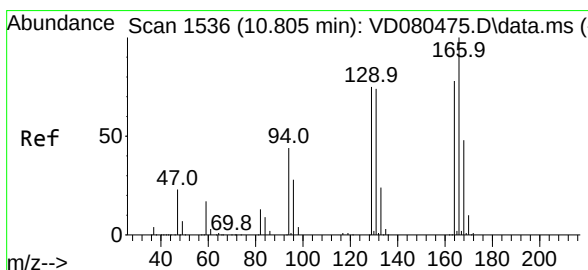
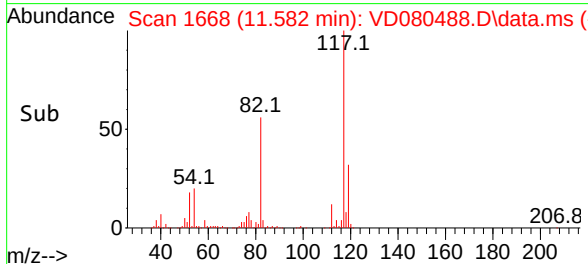
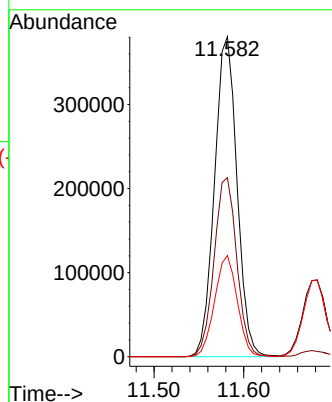
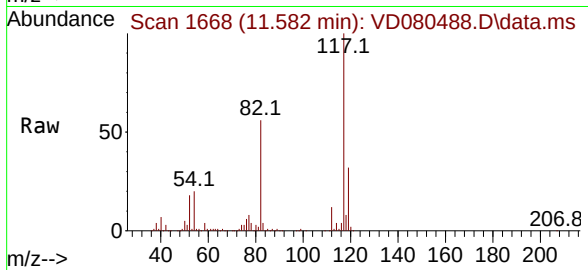
Tgt Ion:117 Resp: 663668

Ion Ratio Lower Upper

117 100

82 56.0 43.7 65.5

119 31.6 25.8 38.6



#64

Tetrachloroethene

Concen: 51.968 ug/l

RT: 10.811 min Scan# 1537

Delta R.T. 0.006 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Tgt Ion:164 Resp: 214062

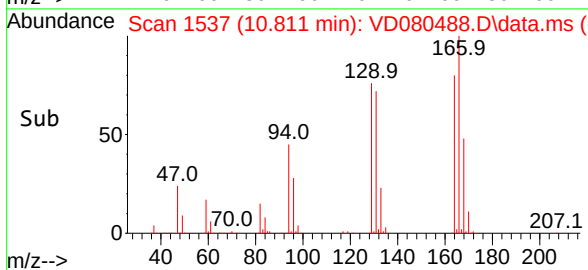
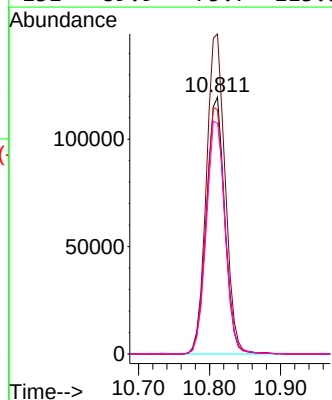
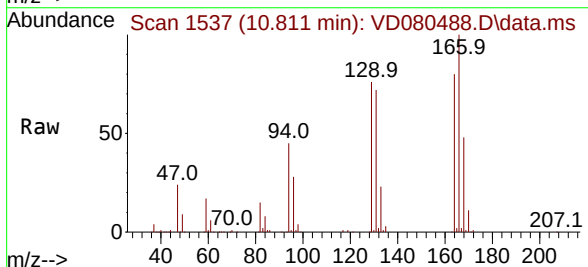
Ion Ratio Lower Upper

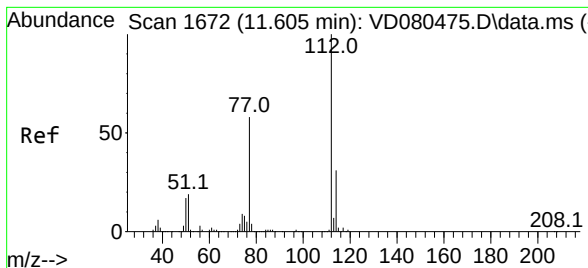
164 100

166 124.6 102.6 153.8

129 95.1 76.6 115.0

131 89.9 75.7 113.5

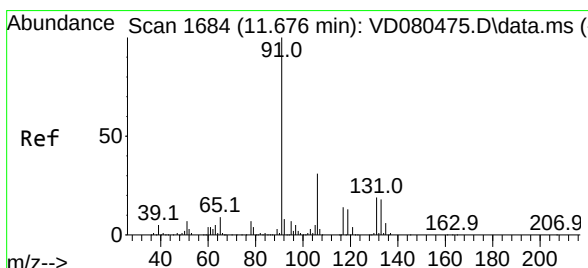
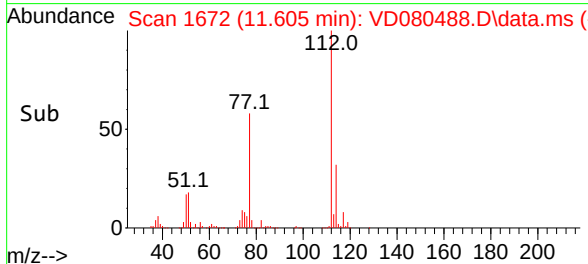
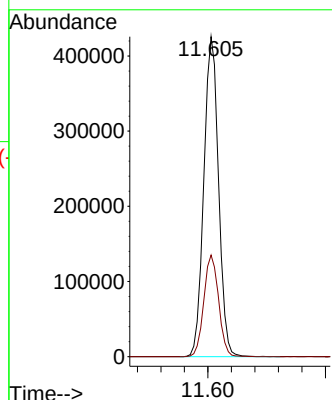
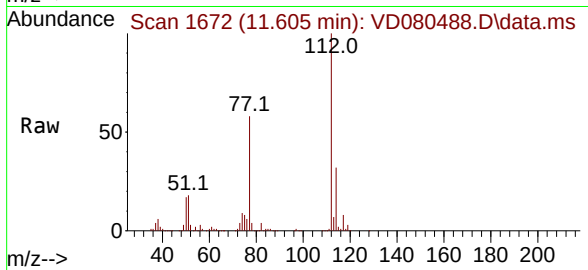




#65
Chlorobenzene
Concen: 51.668 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

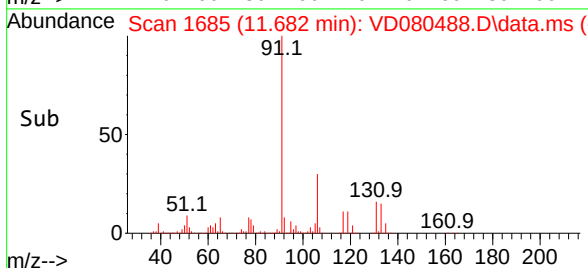
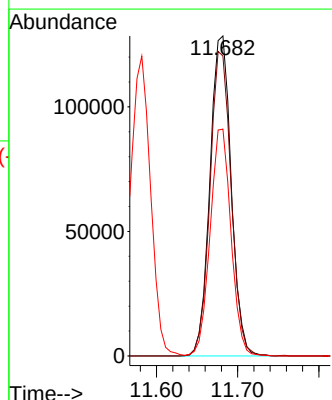
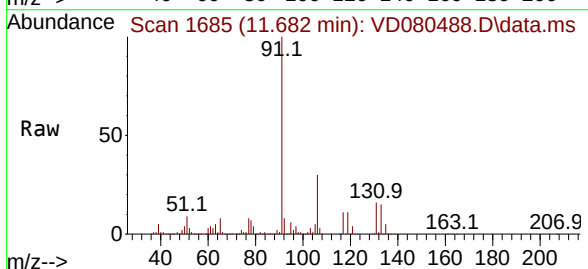
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

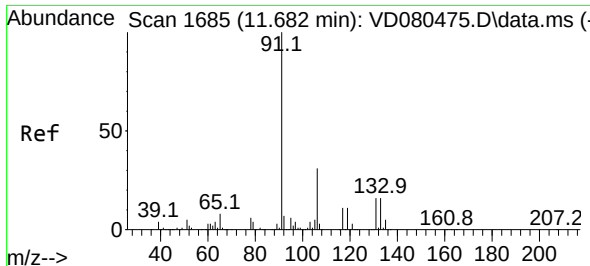
Tgt Ion:112 Resp: 739563
Ion Ratio Lower Upper
112 100
114 31.8 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.838 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion:131 Resp: 233196
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 69.8 34.9 104.7

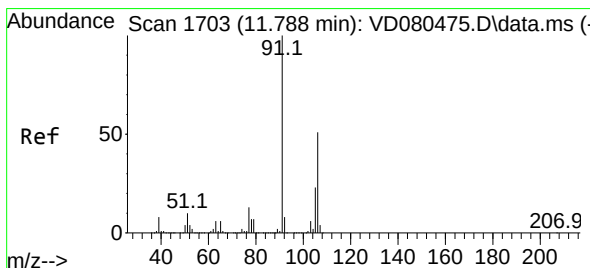
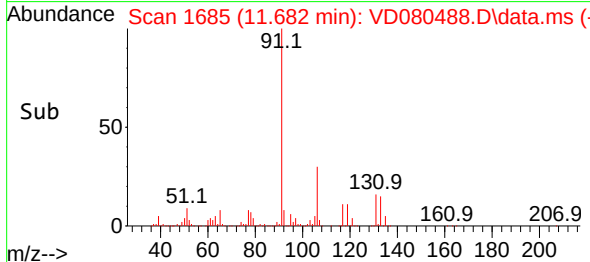
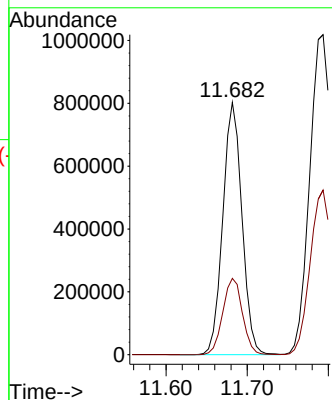
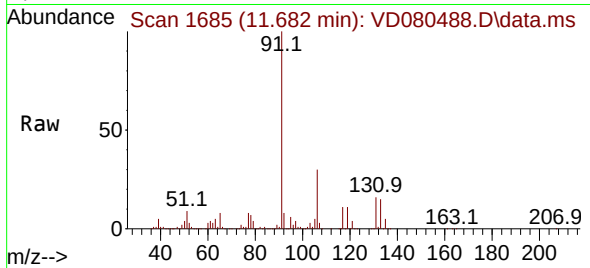




#67
Ethyl Benzene
Concen: 52.627 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

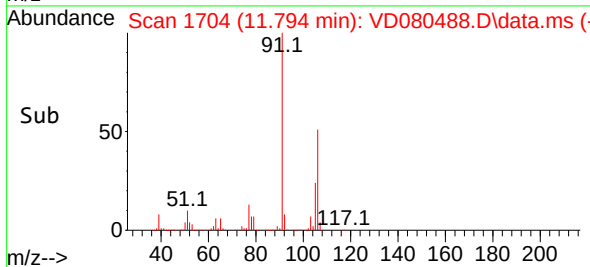
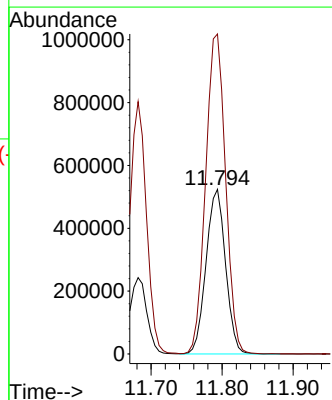
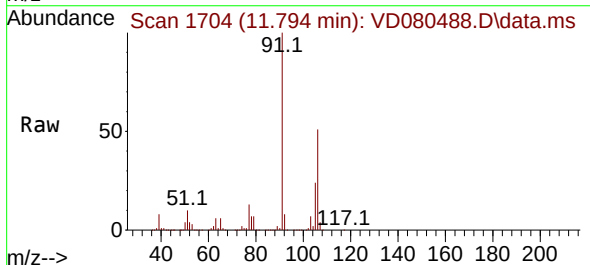
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

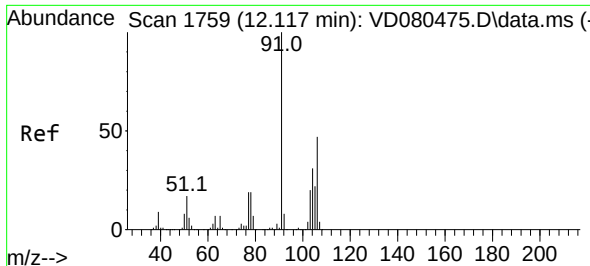
Tgt Ion: 91 Resp: 1317553
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4



#68
m/p-Xylenes
Concen: 104.883 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion:106 Resp: 999890
Ion Ratio Lower Upper
106 100
91 198.5 159.9 239.9

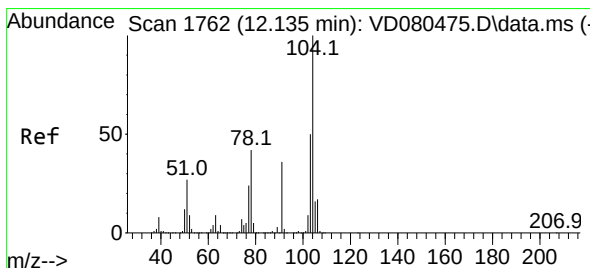
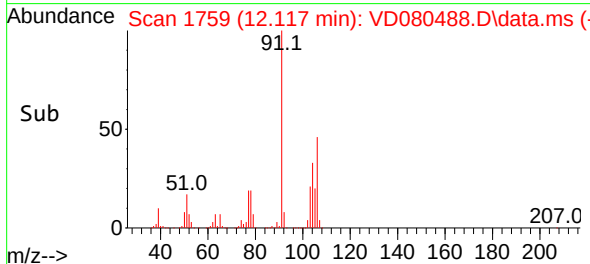
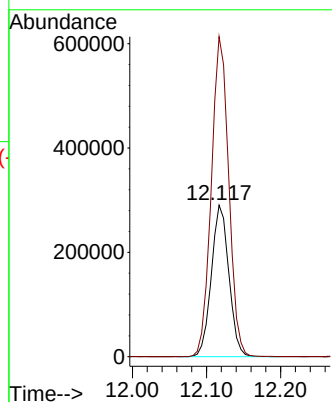
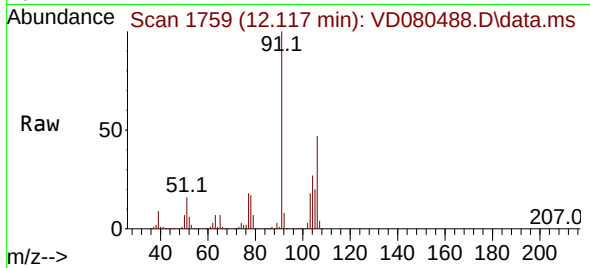




#69
o-Xylene
Concen: 51.765 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

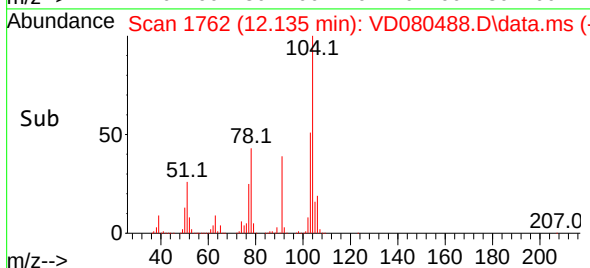
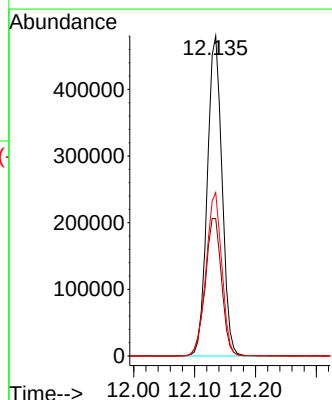
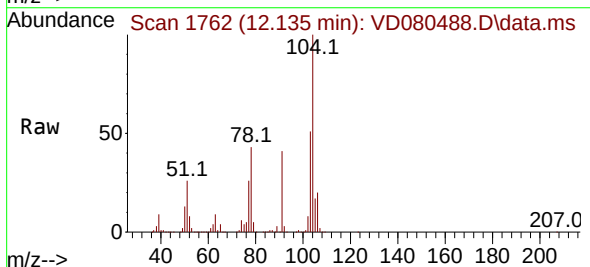
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

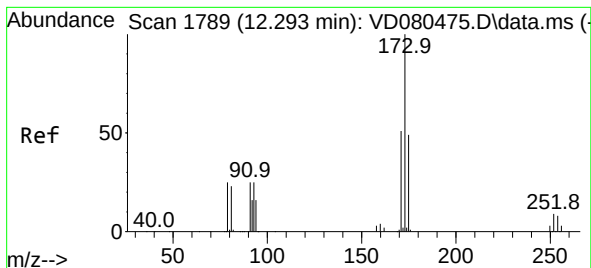
Tgt Ion:106 Resp: 476209
Ion Ratio Lower Upper
106 100
91 210.5 106.5 319.6



#70
Styrene
Concen: 51.927 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion:104 Resp: 808012
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 54.4 44.1 66.1





#71

Bromoform

Concen: 49.134 ug/l

RT: 12.299 min Scan# 1789

Delta R.T. 0.006 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

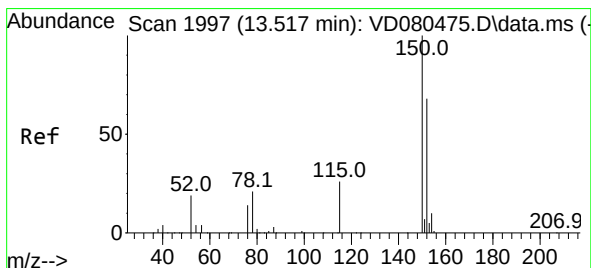
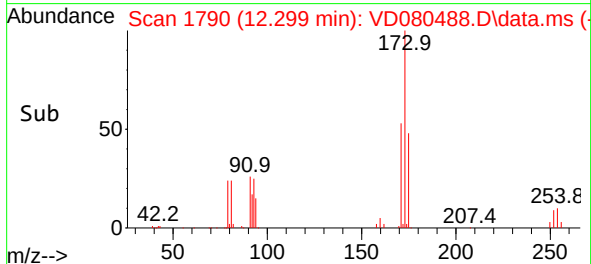
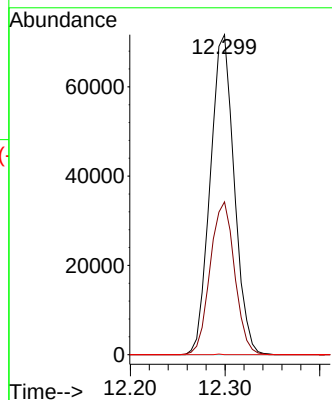
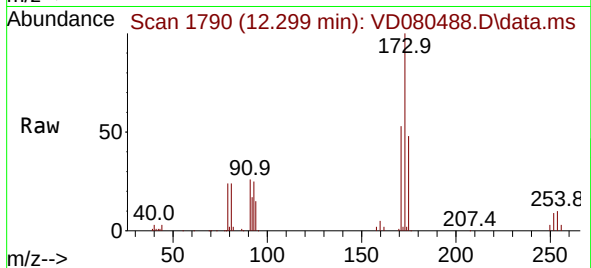
Tgt Ion:173 Resp: 125885

Ion Ratio Lower Upper

173 100

175 48.7 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: VD080488.D

Acq: 27 Jun 2025 10:33

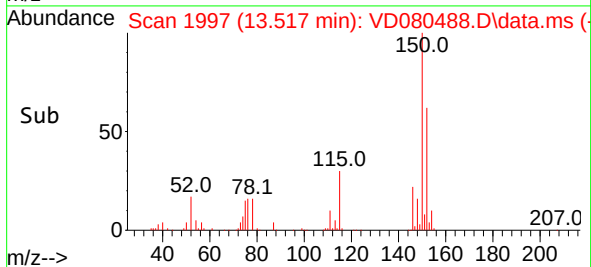
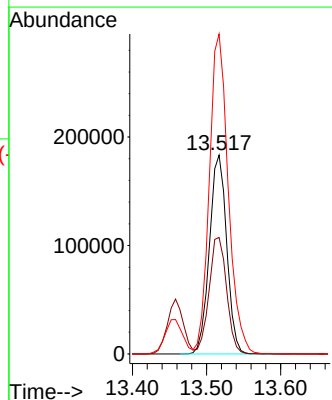
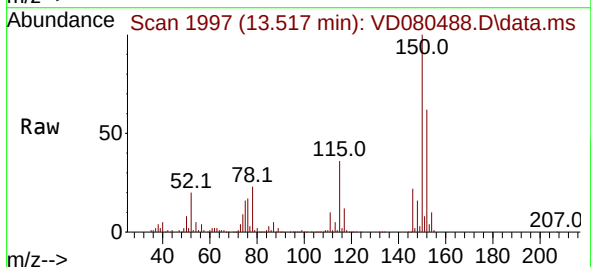
Tgt Ion:152 Resp: 297013

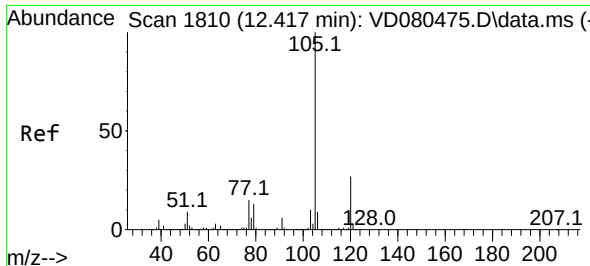
Ion Ratio Lower Upper

152 100

115 59.8 30.2 90.6

150 176.0 0.0 350.2

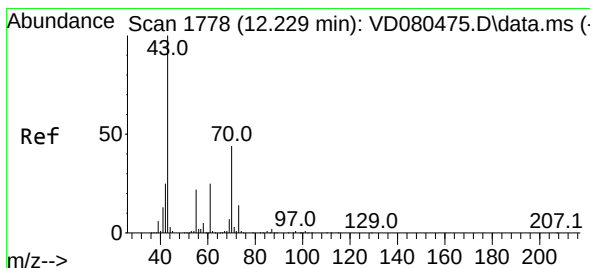
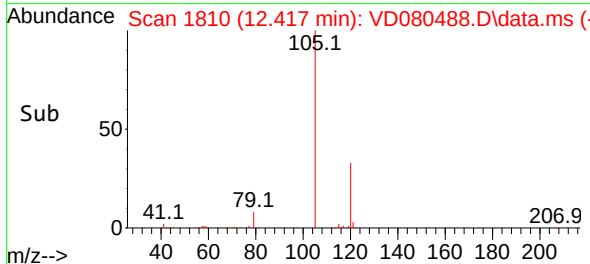
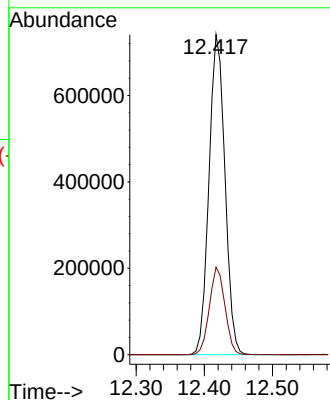
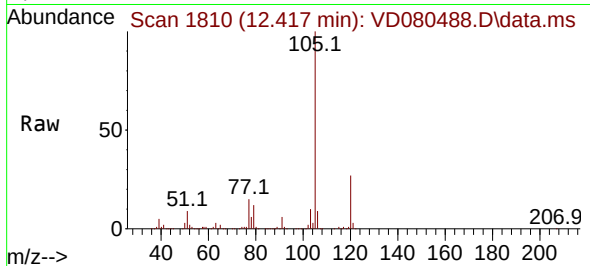




#73
Isopropylbenzene
Concen: 52.285 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

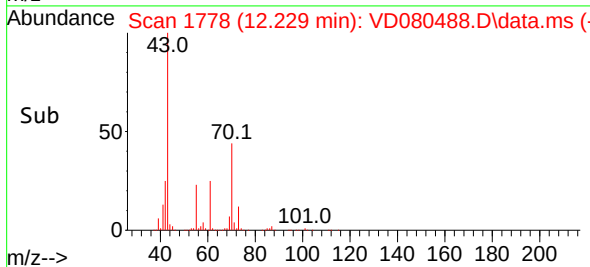
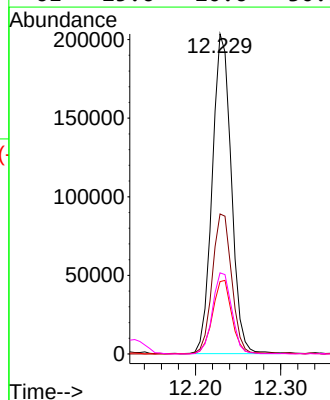
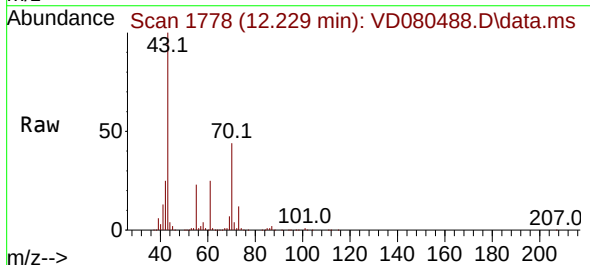
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

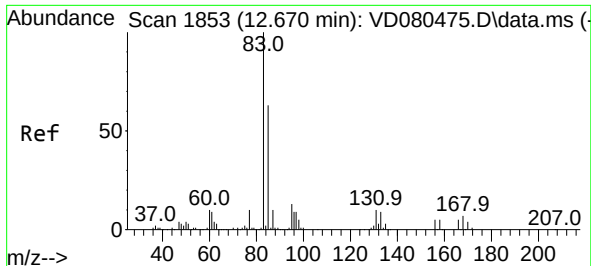
Tgt Ion:105 Resp: 1207211
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 52.205 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 43 Resp: 315612
Ion Ratio Lower Upper
43 100
70 44.7 35.4 53.2
55 23.0 18.8 28.2
61 25.6 20.6 30.8

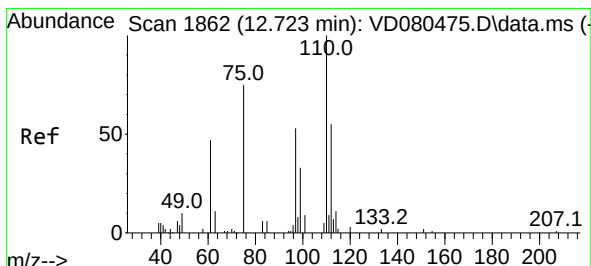
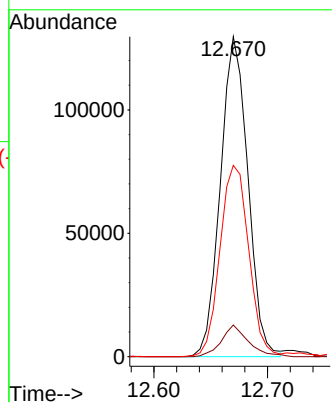
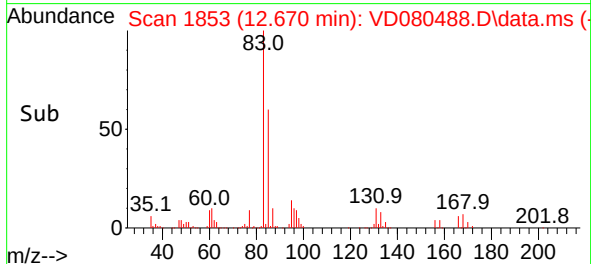
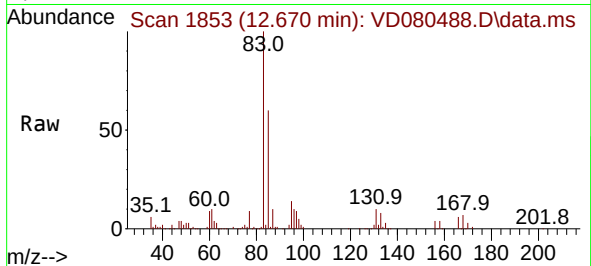




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.691 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080488.D
 Acq: 27 Jun 2025 10:33

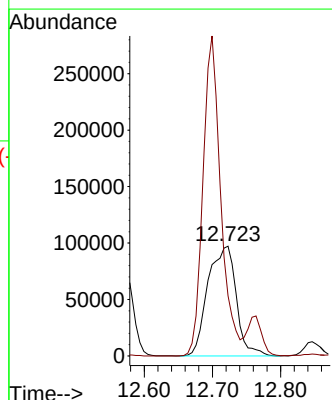
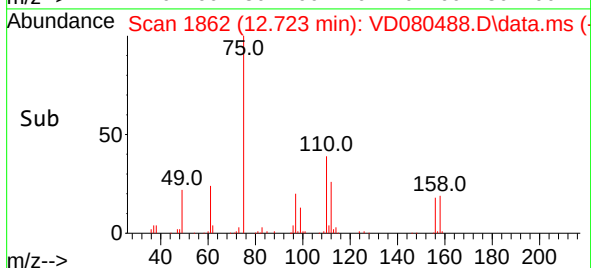
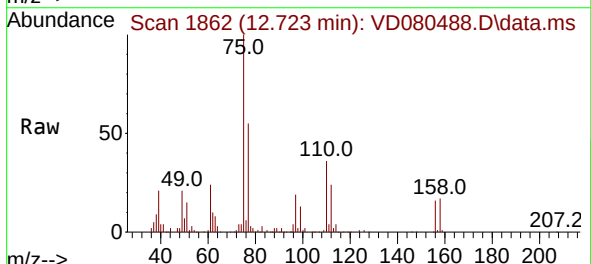
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 ClientSampleId :
 VSTDCCC050

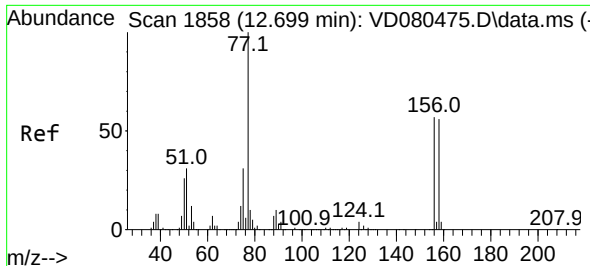
Tgt Ion: 83 Resp: 217936
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.3
 85 62.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 111.399 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080488.D
 Acq: 27 Jun 2025 10:33

Tgt Ion: 75 Resp: 281258
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

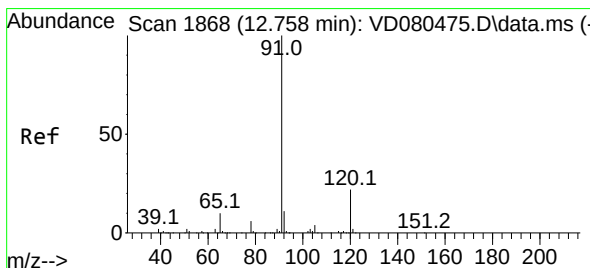
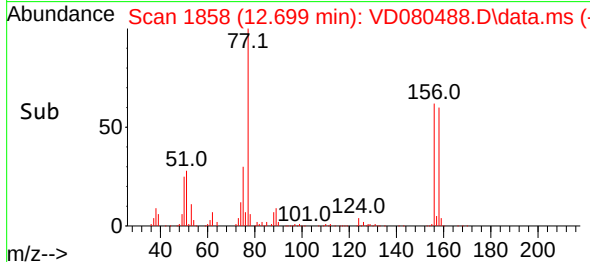
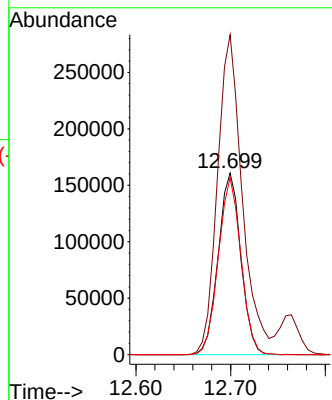
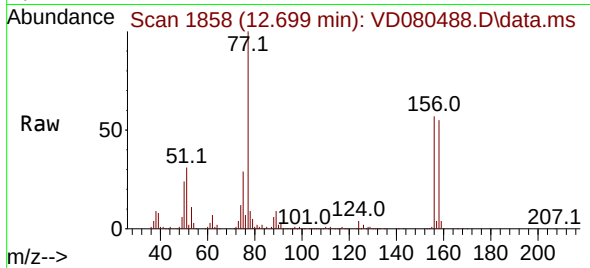




#77
Bromobenzene
Concen: 51.654 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

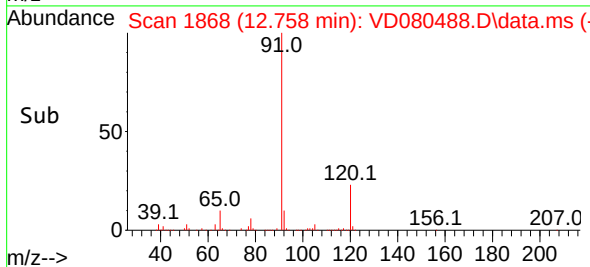
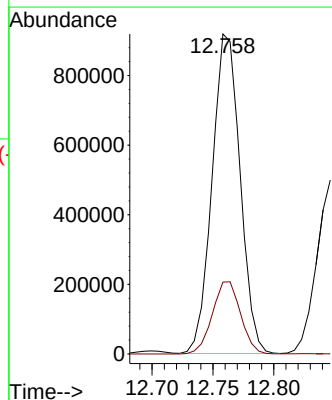
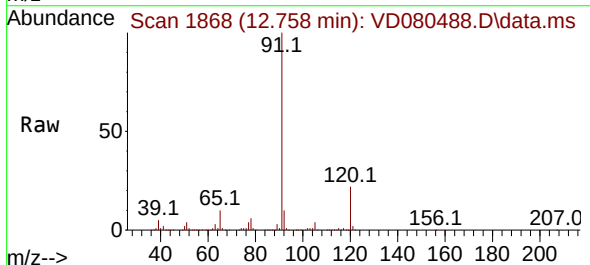
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

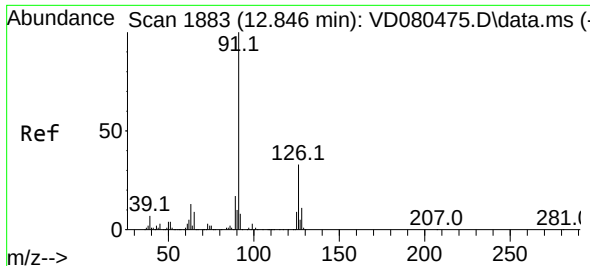
Tgt Ion:156 Resp: 266714
Ion Ratio Lower Upper
156 100
77 193.0 97.3 291.8
158 97.3 48.5 145.6



#78
n-propylbenzene
Concen: 52.812 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 91 Resp: 1467847
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9

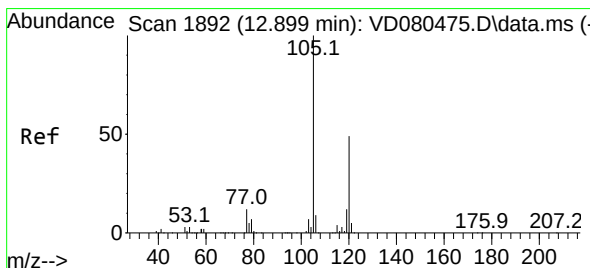
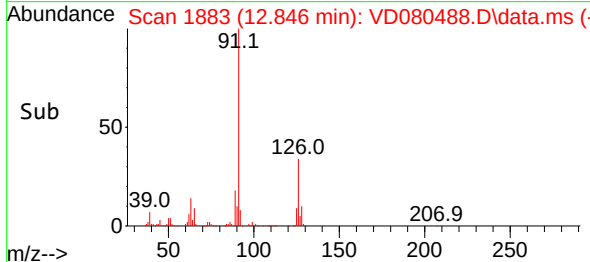
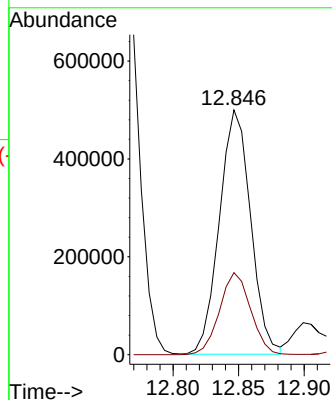
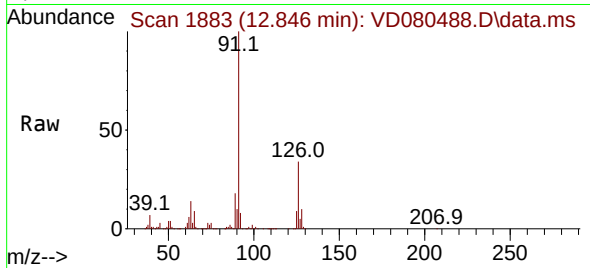




#79
2-Chlorotoluene
Concen: 51.803 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

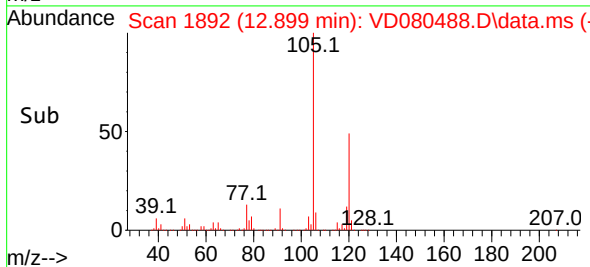
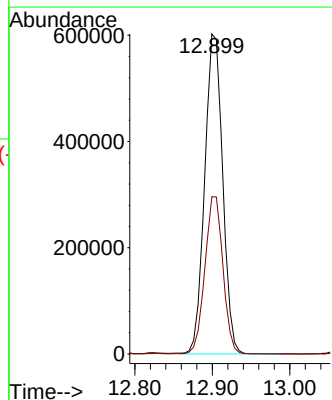
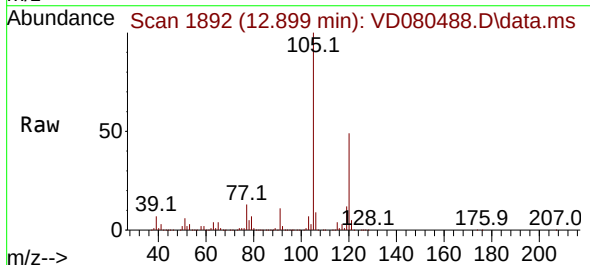
Instrument :
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ClientSampleId :
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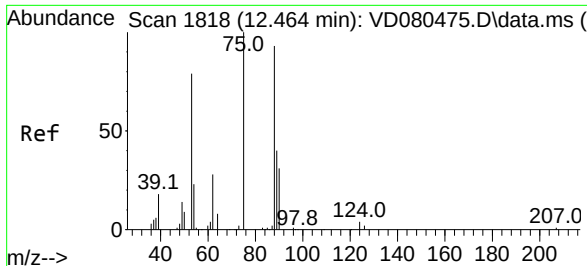
Tgt Ion: 91 Resp: 828079
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 51.929 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 105 Resp: 972290
Ion Ratio Lower Upper
105 100
120 49.3 24.5 73.5

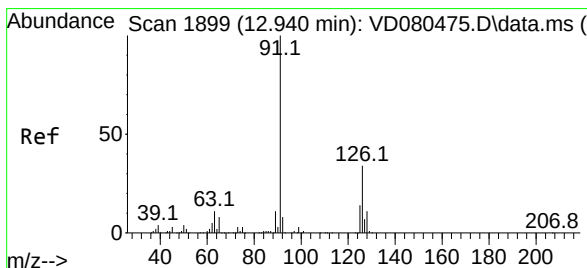
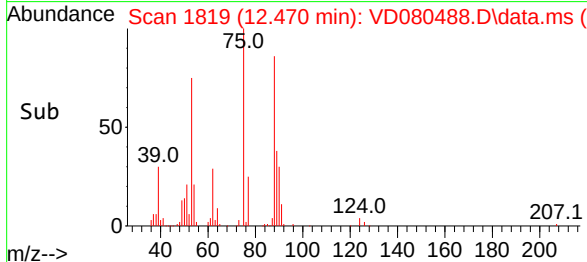
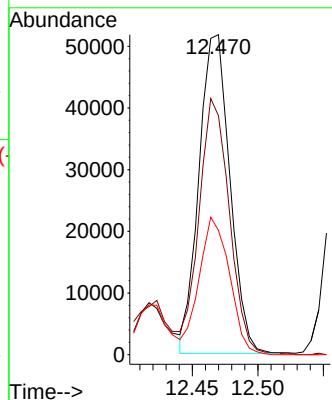
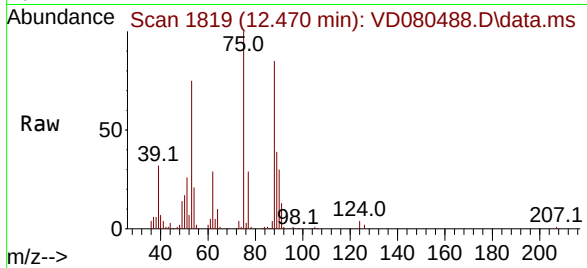




#81
trans-1,4-Dichloro-2-butene
Concen: 49.925 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

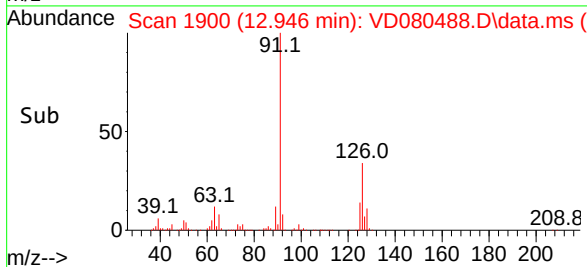
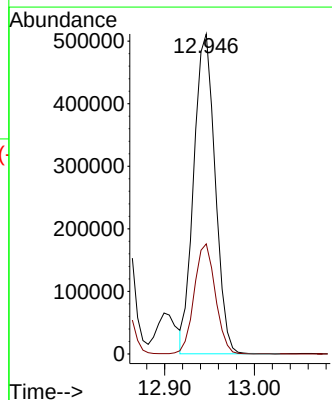
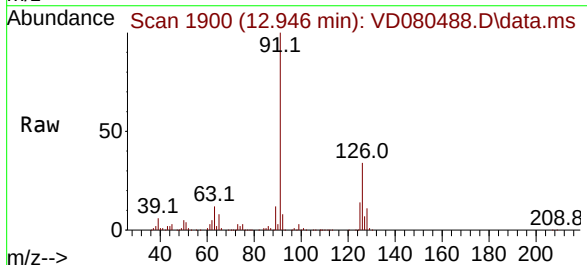
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

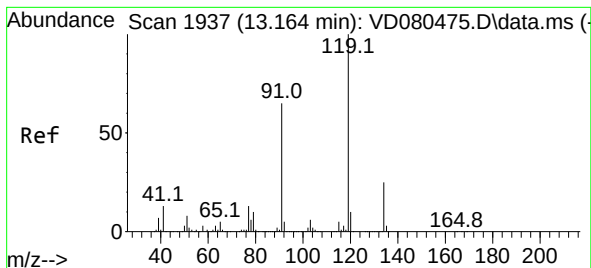
Tgt Ion: 75 Resp: 84826
Ion Ratio Lower Upper
75 100
53 79.0 61.5 92.3
89 42.7 33.0 49.6



#82
4-Chlorotoluene
Concen: 51.336 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 91 Resp: 842883
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 51.541 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

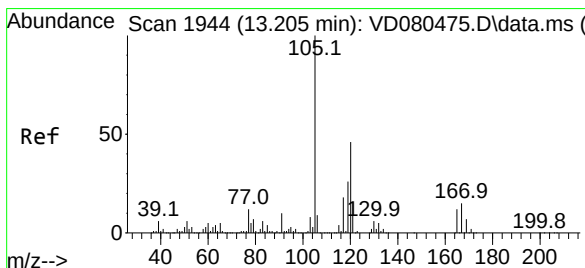
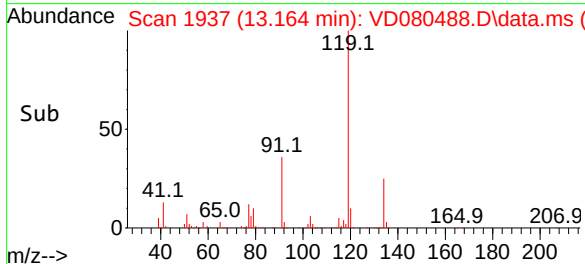
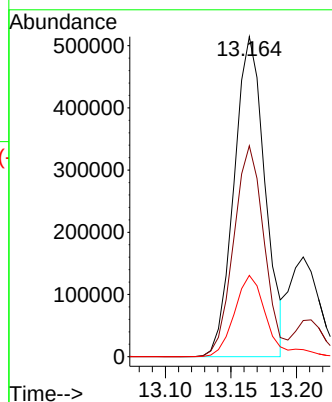
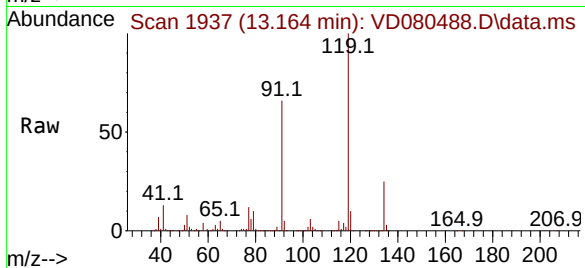
Tgt Ion:119 Resp: 844061

Ion Ratio Lower Upper

119 100

91 65.5 32.4 97.2

134 26.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.757 ug/l

RT: 13.211 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VD080488.D

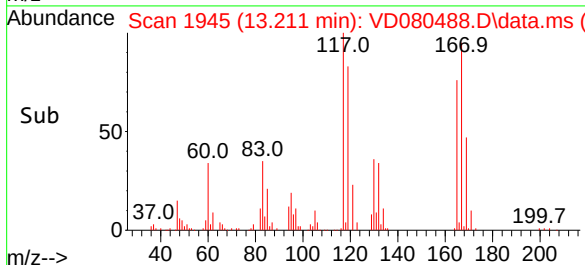
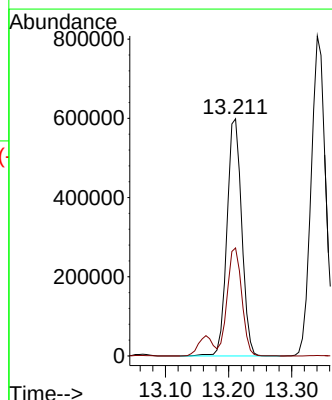
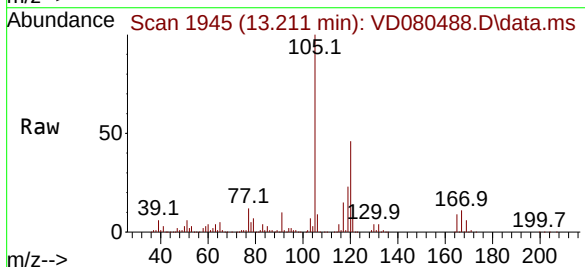
Acq: 27 Jun 2025 10:33

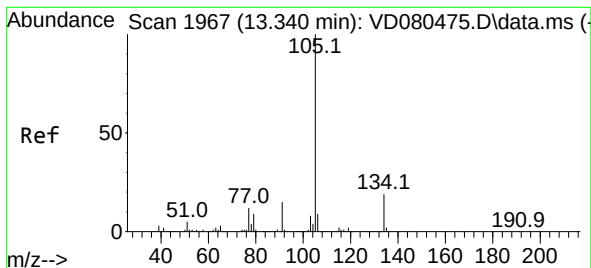
Tgt Ion:105 Resp: 967481

Ion Ratio Lower Upper

105 100

120 45.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 53.081 ug/l

RT: 13.340 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Instrument :

MSVOA_D

ClientSampleId :

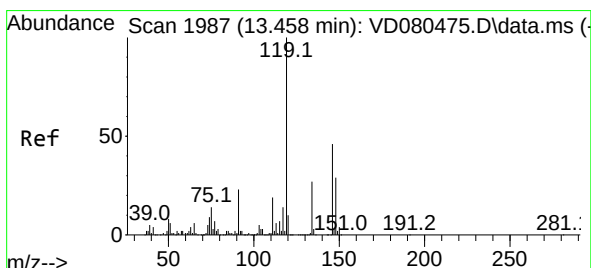
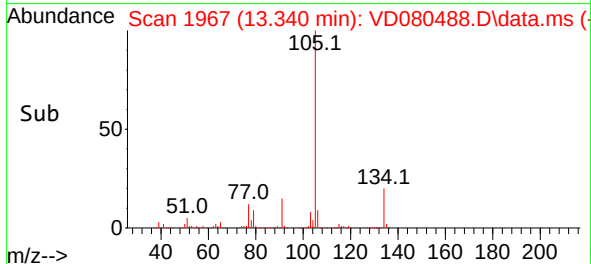
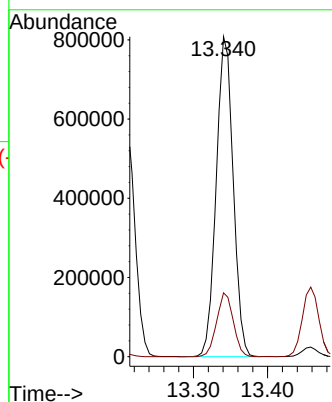
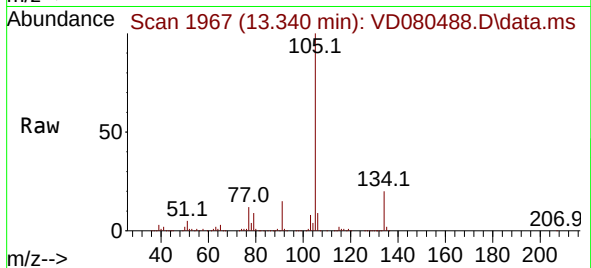
VSTDCCC050

Tgt Ion:105 Resp: 1283945

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 52.274 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

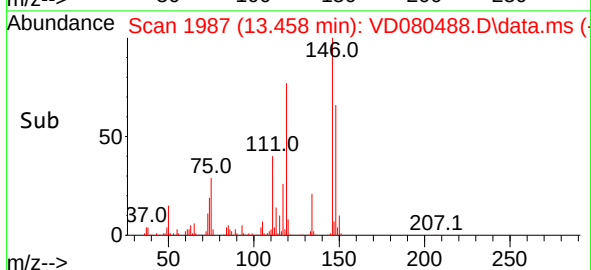
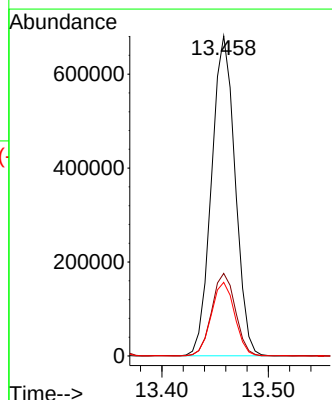
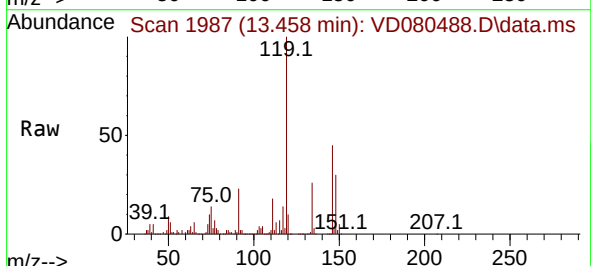
Tgt Ion:119 Resp: 1046354

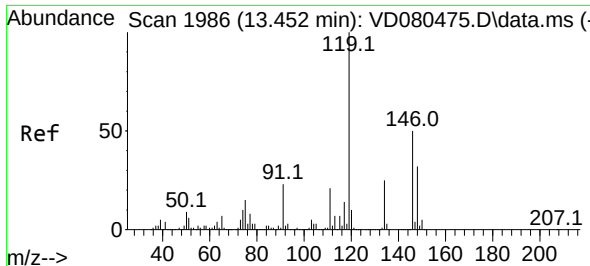
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 22.9 11.5 34.5

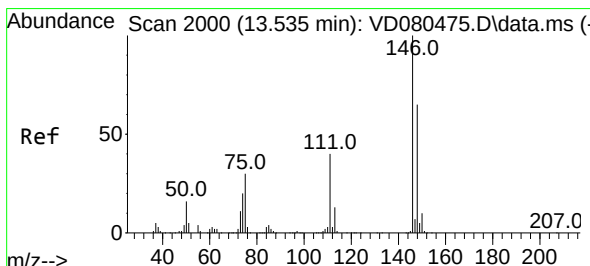
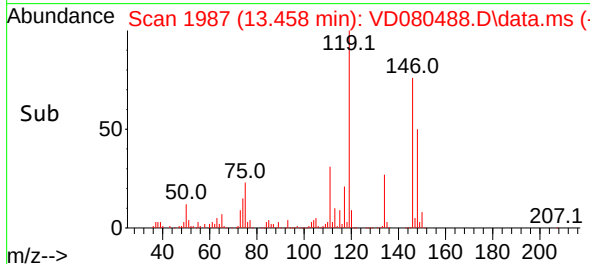
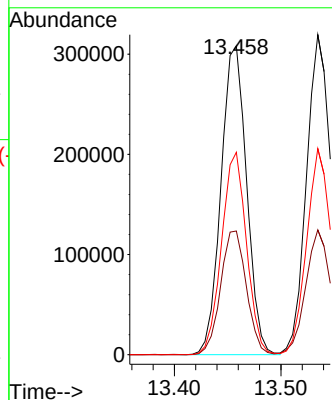
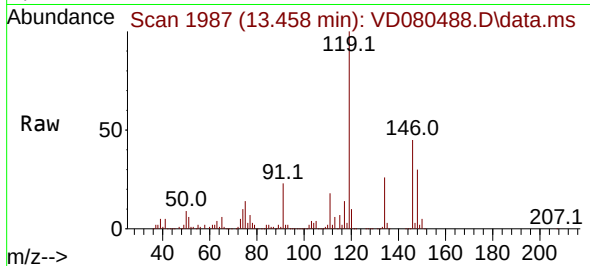




#87
 1,3-Dichlorobenzene
 Concen: 51.619 ug/l
 RT: 13.458 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VD080488.D
 Acq: 27 Jun 2025 10:33

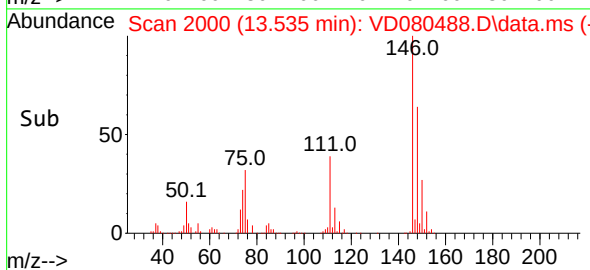
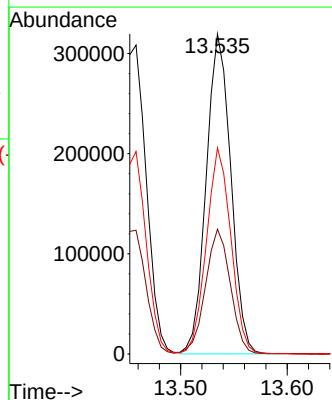
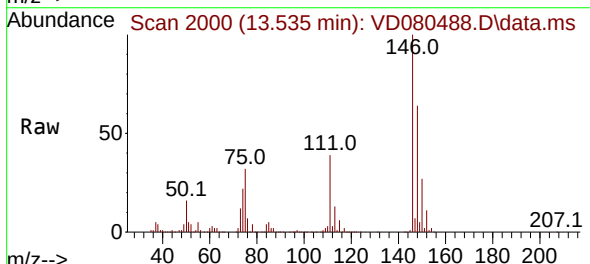
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

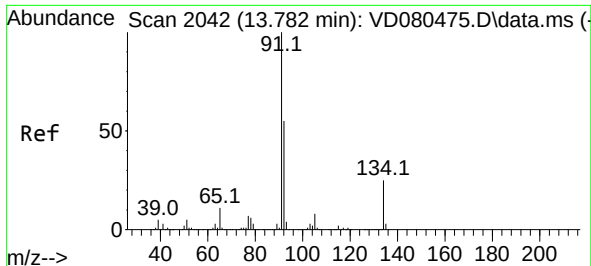
Tgt Ion:146 Resp: 515477
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.8
 148 63.8 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 51.344 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080488.D
 Acq: 27 Jun 2025 10:33

Tgt Ion:146 Resp: 511792
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 64.0 32.1 96.3

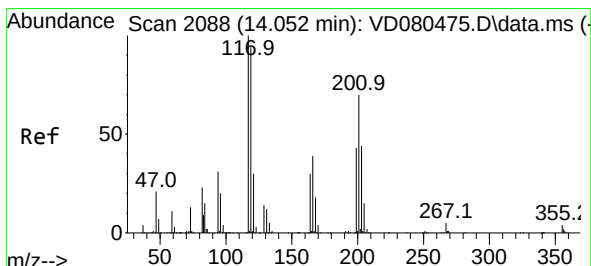
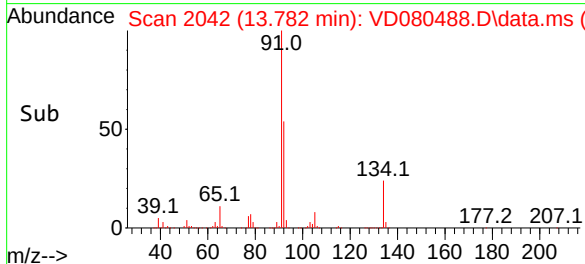
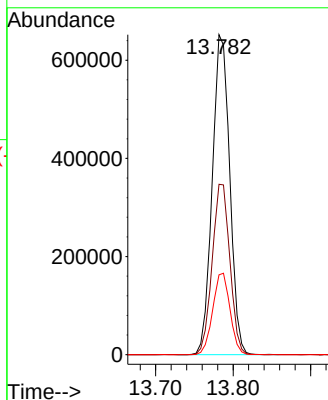
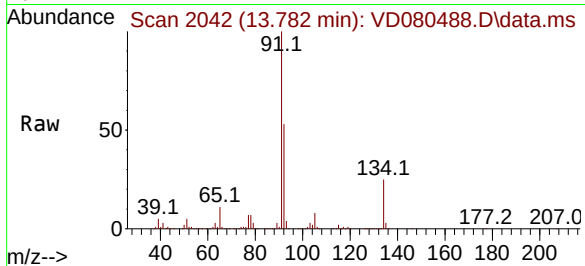




#89
n-Butylbenzene
Concen: 53.298 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

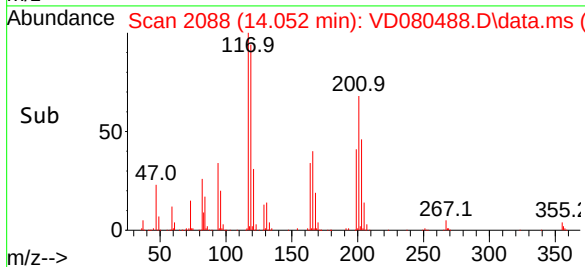
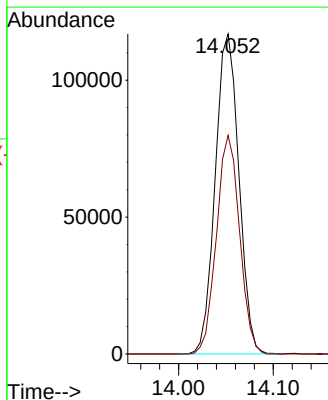
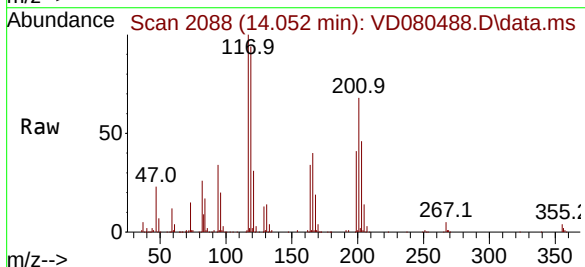
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

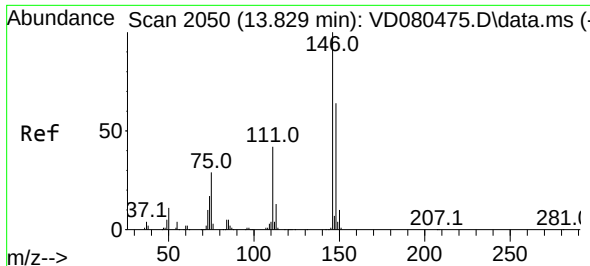
Tgt Ion: 91 Resp: 1023921
Ion Ratio Lower Upper
91 100
92 54.0 27.4 82.0
134 25.3 12.6 37.8



#90
Hexachloroethane
Concen: 52.441 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 117 Resp: 202810
Ion Ratio Lower Upper
117 100
201 66.9 34.2 102.5



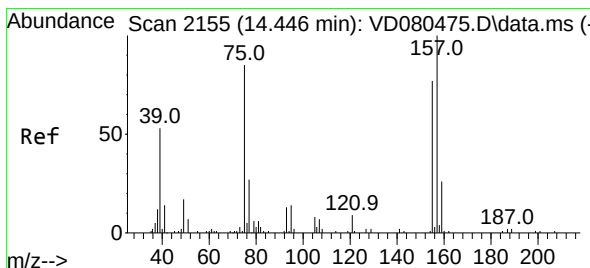
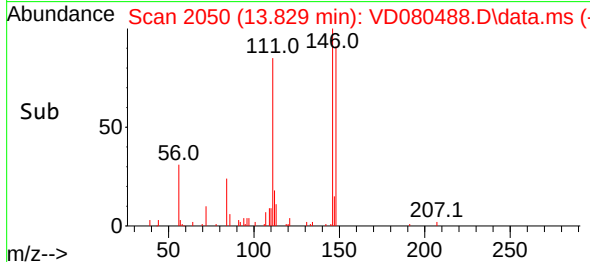
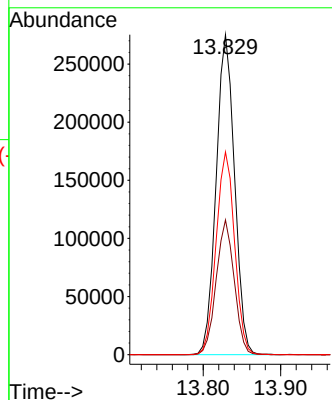
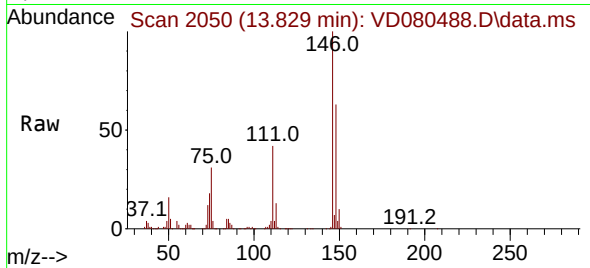


#91
 1,2-Dichlorobenzene
 Concen: 51.659 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080488.D
 Acq: 27 Jun 2025 10:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 454084

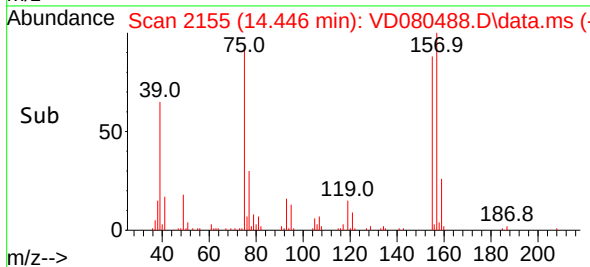
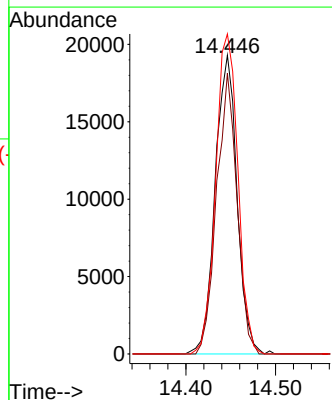
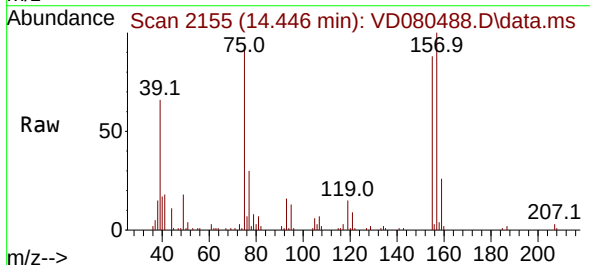
Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.3	63.7
148	63.7	31.9	95.7

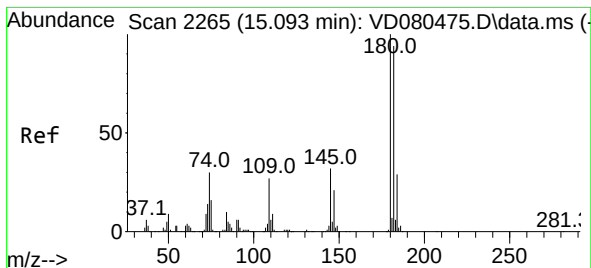


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.379 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: VD080488.D
 Acq: 27 Jun 2025 10:33

Tgt Ion: 75 Resp: 32667

Ion	Ratio	Lower	Upper
75	100		
155	87.5	45.6	136.8
157	108.6	58.6	175.8

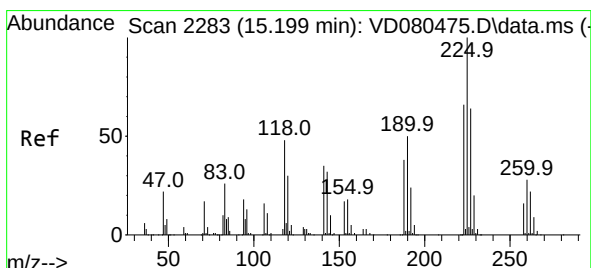
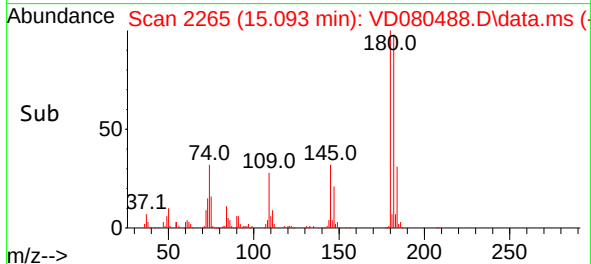
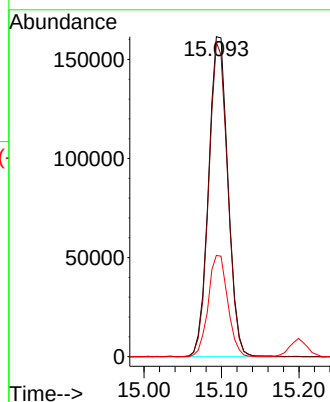
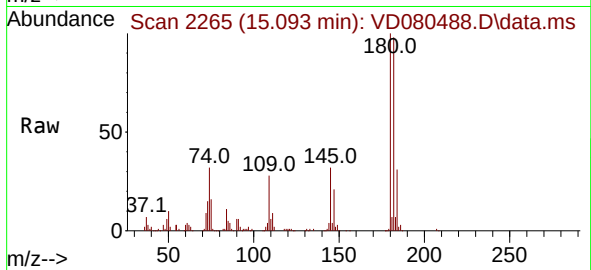




#93
1,2,4-Trichlorobenzene
Concen: 50.979 ug/l
RT: 15.093 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

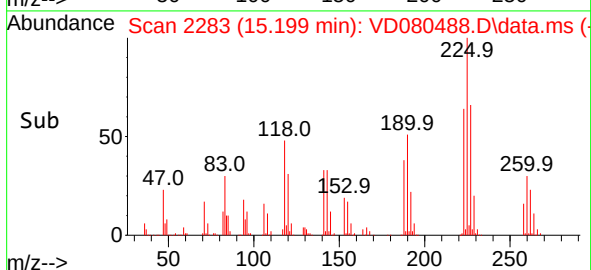
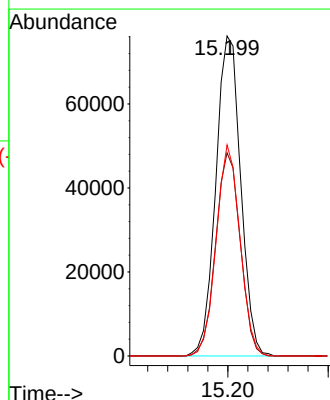
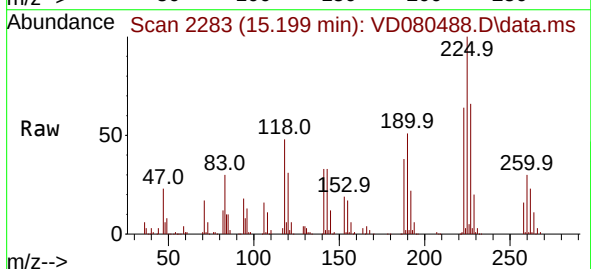
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

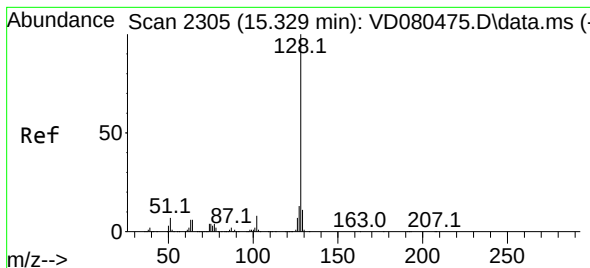
Tgt Ion:180 Resp: 280775
Ion Ratio Lower Upper
180 100
182 96.1 46.8 140.4
145 31.7 16.0 47.9



#94
Hexachlorobutadiene
Concen: 51.548 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VD080488.D
Acq: 27 Jun 2025 10:33

Tgt Ion:225 Resp: 131060
Ion Ratio Lower Upper
225 100
223 62.6 31.4 94.2
227 63.1 31.8 95.3





#95

Naphthalene

Concen: 50.016 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

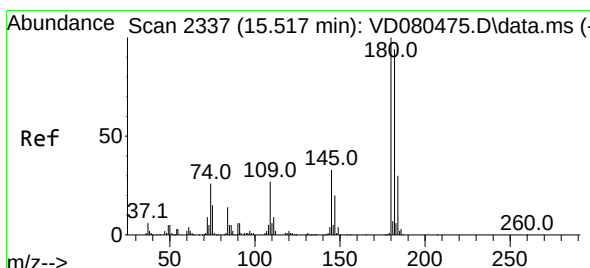
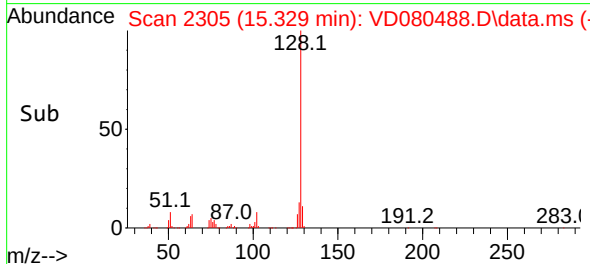
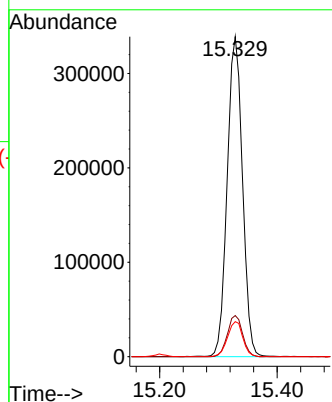
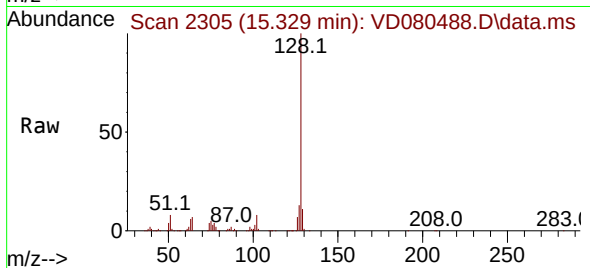
Tgt Ion:128 Resp: 612094

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.468 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080488.D

Acq: 27 Jun 2025 10:33

Tgt Ion:180 Resp: 243738

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 33.3 16.7 50.1

