

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080486.D
 Acq On : 26 Jun 2025 17:42
 Operator : RP/MD
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 27 05:31:56 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	411540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	762298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	661890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	299012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	223625	55.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.860%	
35) Dibromofluoromethane	7.805	113	234527	54.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.880%	
50) Toluene-d8	10.270	98	939984	54.510	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.020%	
62) 4-Bromofluorobenzene	12.570	95	302093	53.428	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	178617	48.821	ug/l	99
3) Chloromethane	2.147	50	271278	53.092	ug/l	99
4) Vinyl Chloride	2.288	62	283114	54.621	ug/l	100
5) Bromomethane	2.694	94	163126	56.942	ug/l	99
6) Chloroethane	2.841	64	177362	54.515	ug/l	99
7) Trichlorofluoromethane	3.182	101	337994	51.835	ug/l	99
8) Diethyl Ether	3.594	74	139546	54.978	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.970	101	223396	51.789	ug/l	99
10) Methyl Iodide	4.164	142	289065	56.906	ug/l	99
11) Tert butyl alcohol	5.052	59	83535	254.292	ug/l	98
12) 1,1-Dichloroethene	3.946	96	241608	51.874	ug/l	95
13) Acrolein	3.794	56	116137	259.431	ug/l	97
14) Allyl chloride	4.564	41	429075	52.612	ug/l	100
15) Acrylonitrile	5.252	53	320109	265.069	ug/l	99
16) Acetone	4.017	43	254983	244.609	ug/l	99
17) Carbon Disulfide	4.276	76	788425	53.603	ug/l	99
18) Methyl Acetate	4.558	43	162386	51.214	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	620102	53.573	ug/l	100
20) Methylene Chloride	4.805	84	308353	53.831	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	273551	52.656	ug/l	96
22) Diisopropyl ether	6.211	45	859762	54.599	ug/l	95
23) Vinyl Acetate	6.152	43	2466846	274.930	ug/l	100
24) 1,1-Dichloroethane	6.111	63	492919	53.349	ug/l	98
25) 2-Butanone	7.082	43	394098	257.584	ug/l	98
26) 2,2-Dichloropropane	7.076	77	372617	50.961	ug/l	98
27) cis-1,2-Dichloroethene	7.082	96	329954	53.128	ug/l	100
28) Bromochloromethane	7.429	49	204419	56.119	ug/l	98
29) Tetrahydrofuran	7.440	42	262329	272.157	ug/l	97
30) Chloroform	7.599	83	470097	53.151	ug/l	98
31) Cyclohexane	7.876	56	449827	50.244	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	382175	51.682	ug/l	99
36) 1,1-Dichloropropene	8.011	75	347152	52.073	ug/l	99
37) Ethyl Acetate	7.170	43	167224	51.610	ug/l	99
38) Carbon Tetrachloride	7.993	117	325700	51.135	ug/l	99
39) Methylcyclohexane	9.276	83	471106	51.327	ug/l	99
40) Benzene	8.252	78	1123506	52.508	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	103877	50.161	ug/l	99
42) 1,2-Dichloroethane	8.329	62	261873	52.025	ug/l	100
43) Isopropyl Acetate	8.358	43	335392	52.597	ug/l	98
44) Trichloroethene	9.029	130	268713	51.819	ug/l	98
45) 1,2-Dichloropropane	9.305	63	279376	53.837	ug/l	98
46) Dibromomethane	9.393	93	147061	53.152	ug/l	99
47) Bromodichloromethane	9.581	83	362449	52.840	ug/l	97
48) Methyl methacrylate	9.381	41	169137	52.433	ug/l	99
49) 1,4-Dioxane	9.387	88	35188	980.361	ug/l	98
51) 4-Methyl-2-Pentanone	10.158	43	859916	265.556	ug/l	99
52) Toluene	10.334	92	690882	51.661	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	363291	52.880	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	434037	52.589	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	195790	51.910	ug/l	97
56) Ethyl methacrylate	10.593	69	284871	52.914	ug/l	100
57) 1,3-Dichloropropane	10.876	76	347368	52.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	519561	252.689	ug/l	100
59) 2-Hexanone	10.917	43	591048	257.896	ug/l	99
60) Dibromochloromethane	11.070	129	243308	52.265	ug/l	99
61) 1,2-Dibromoethane	11.176	107	187747	52.060	ug/l	99
64) Tetrachloroethene	10.811	164	211478	51.478	ug/l	99
65) Chlorobenzene	11.605	112	743882	52.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	236639	52.745	ug/l	99
67) Ethyl Benzene	11.681	91	1298514	52.006	ug/l	99
68) m/p-Xylenes	11.793	106	988566	103.974	ug/l	100
69) o-Xylene	12.117	106	477121	52.003	ug/l	98
70) Styrene	12.134	104	813194	52.400	ug/l	99
71) Bromoform	12.293	173	130672	51.140	ug/l #	99
73) Isopropylbenzene	12.417	105	1193847	51.361	ug/l	100
74) N-amyl acetate	12.228	43	319915	52.563	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.670	83	218718	50.533	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	283304	111.459	ug/l #	100
77) Bromobenzene	12.699	156	267540	51.468	ug/l	100
78) n-propylbenzene	12.758	91	1446347	51.690	ug/l	100
79) 2-Chlorotoluene	12.846	91	828008	51.452	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	964754	51.182	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	85580	50.032	ug/l	97
82) 4-Chlorotoluene	12.946	91	841704	50.921	ug/l	100
83) tert-Butylbenzene	13.164	119	834068	50.590	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	964829	51.271	ug/l	100
85) sec-Butylbenzene	13.340	105	1245102	51.131	ug/l	100
86) p-Isopropyltoluene	13.458	119	1013314	50.285	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	519831	51.707	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	521732	51.991	ug/l	98
89) n-Butylbenzene	13.781	91	997001	51.550	ug/l	100
90) Hexachloroethane	14.052	117	196407	50.446	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	459201	51.891	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	32387	49.613	ug/l	96
93) 1,2,4-Trichlorobenzene	15.093	180	288146	51.968	ug/l	98
94) Hexachlorobutadiene	15.199	225	124892	48.793	ug/l	98
95) Naphthalene	15.328	128	631904	51.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	251703	52.795	ug/l	100

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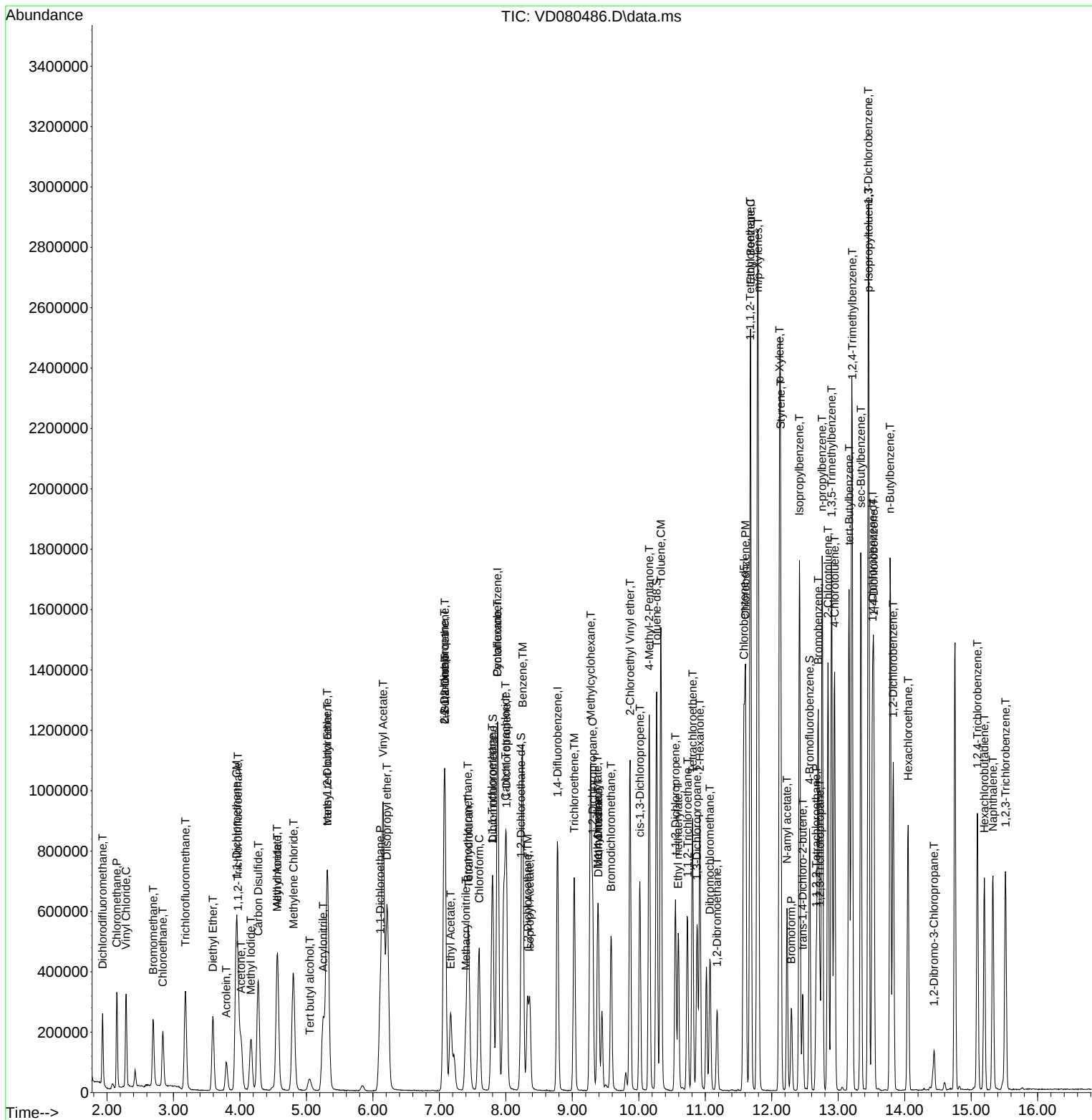
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MSVOA_D
ClientSampleId :
VSTDCCC050EC

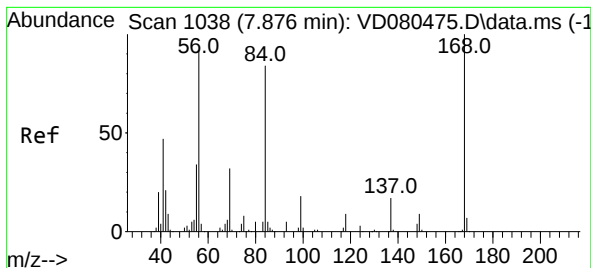
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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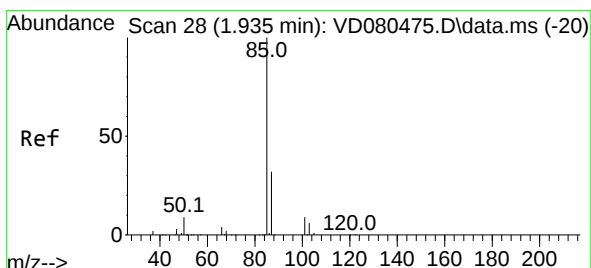
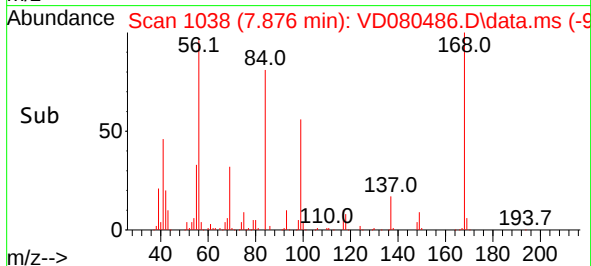
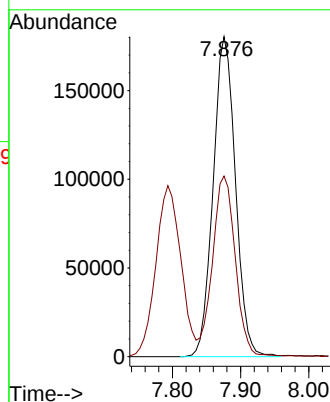
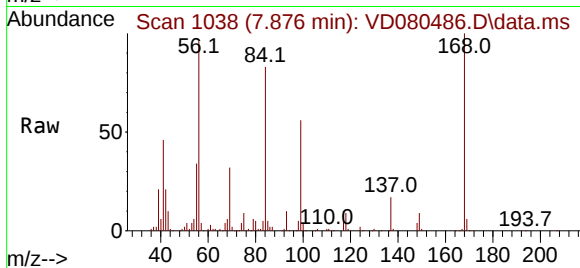




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080486.D
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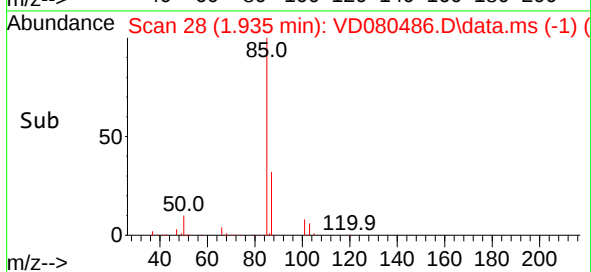
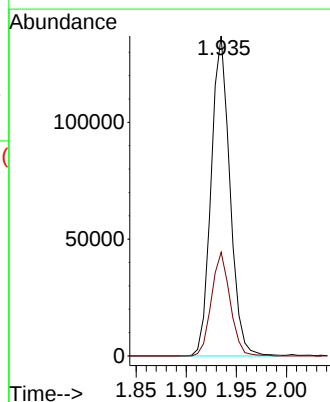
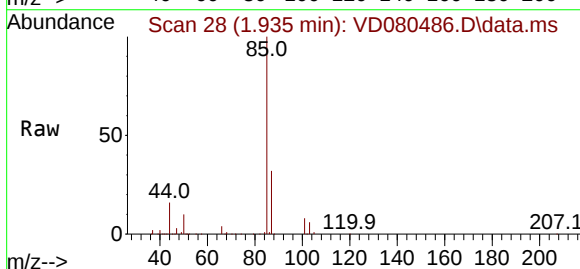
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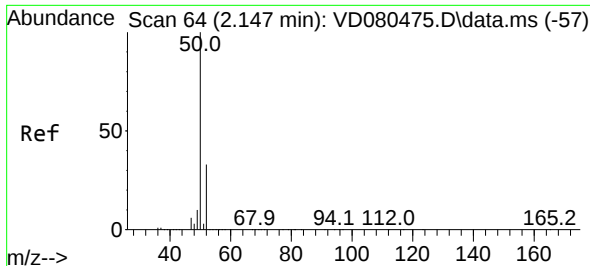
Tgt Ion:168 Resp: 411540
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 48.821 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 85 Resp: 178617
Ion Ratio Lower Upper
85 100
87 32.4 16.0 47.9

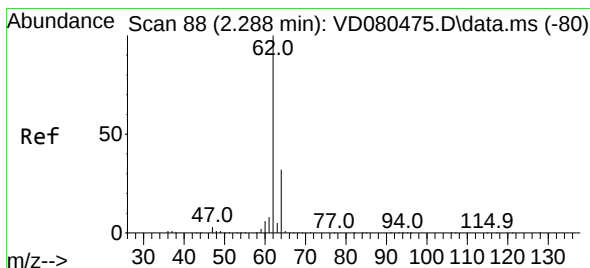
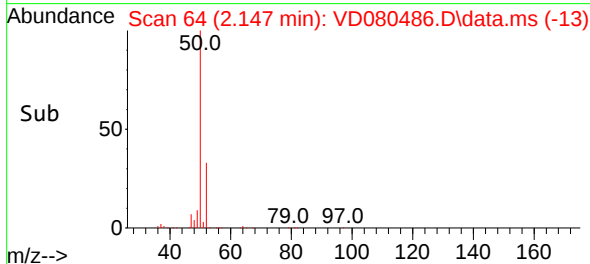
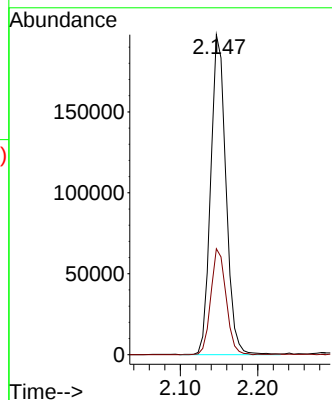
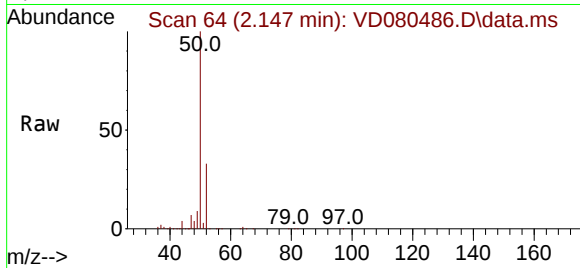




#3
Chloromethane
Concen: 53.092 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

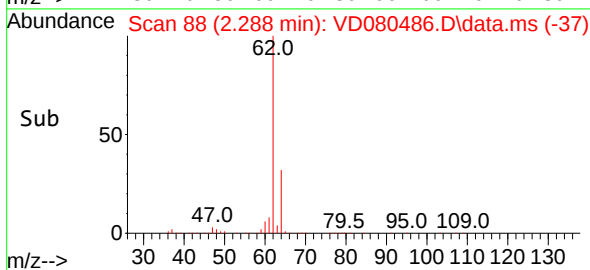
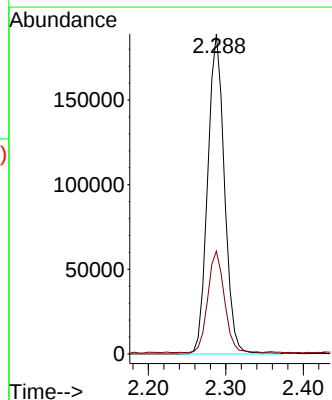
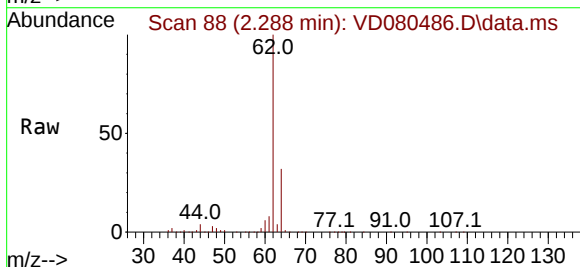
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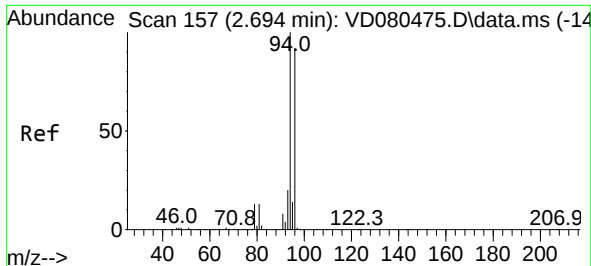
Tgt Ion: 50 Resp: 271278
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1



#4
Vinyl Chloride
Concen: 54.621 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 62 Resp: 283114
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3

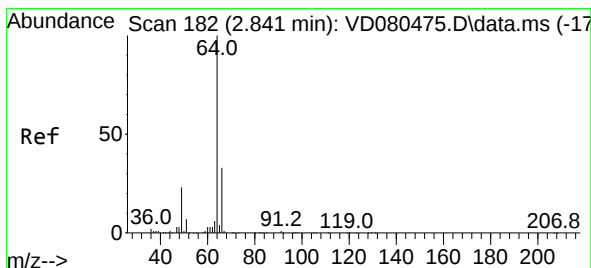
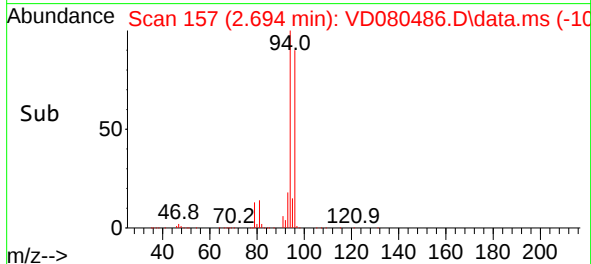
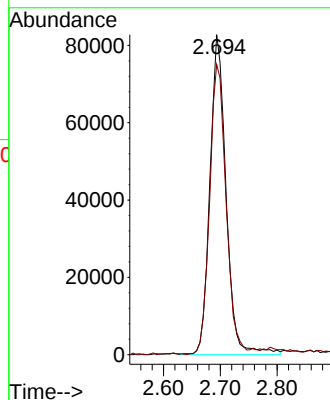
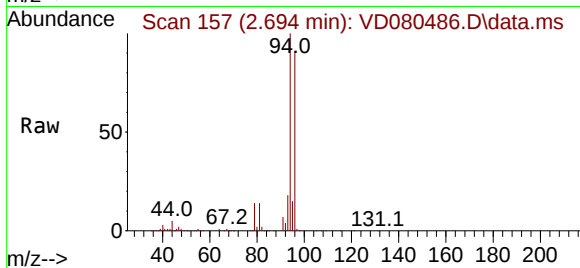




#5
Bromomethane
Concen: 56.942 ug/l
RT: 2.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

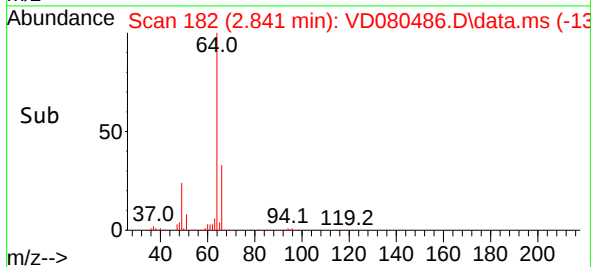
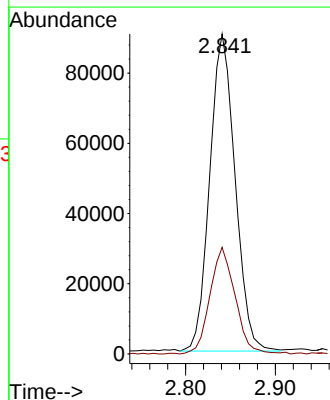
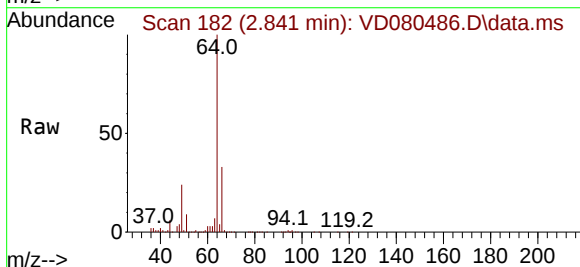
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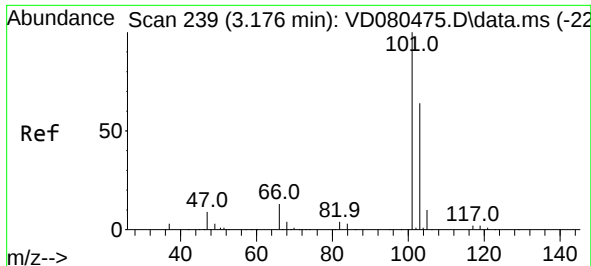
Tgt Ion: 94 Resp: 163126
Ion Ratio Lower Upper
94 100
96 92.3 74.8 112.2



#6
Chloroethane
Concen: 54.515 ug/l
RT: 2.841 min Scan# 182
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 64 Resp: 177362
Ion Ratio Lower Upper
64 100
66 33.6 26.3 39.5

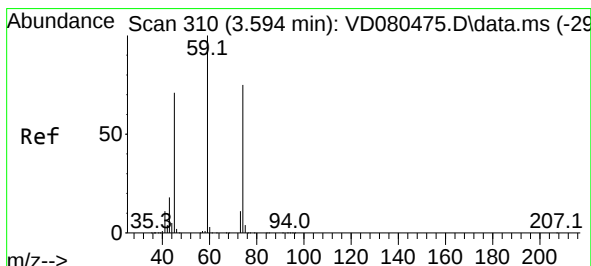
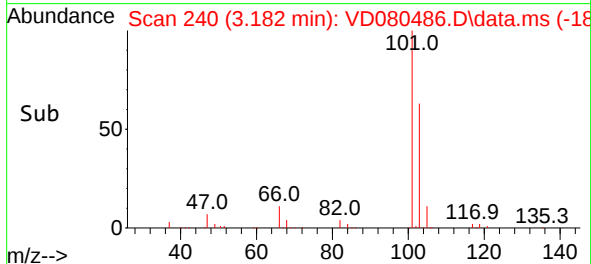
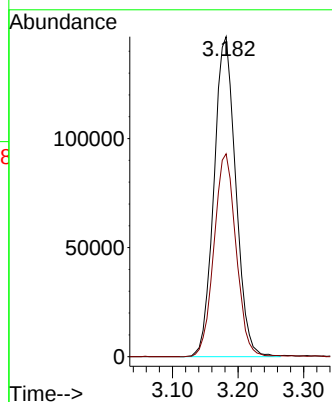
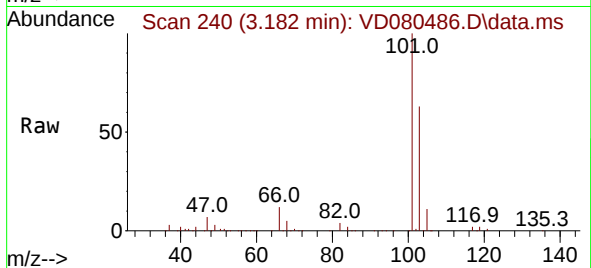




#7
 Trichlorofluoromethane
 Concen: 51.835 ug/l
 RT: 3.182 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

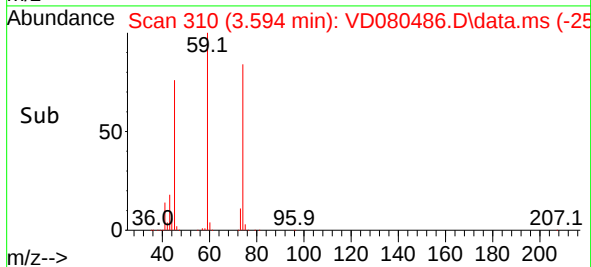
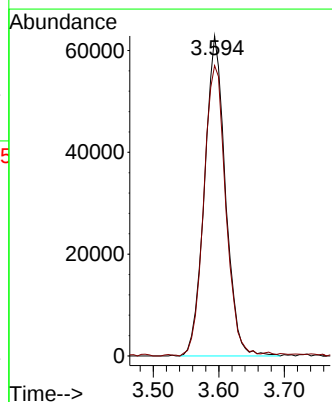
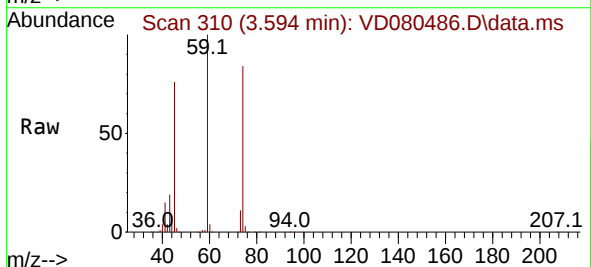
Instrument :
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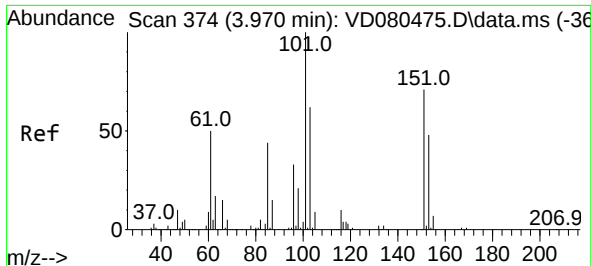
Tgt Ion:101 Resp: 337994
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.3 76.9



#8
 Diethyl Ether
 Concen: 54.978 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VD080486.D
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Tgt Ion: 74 Resp: 139546
 Ion Ratio Lower Upper
 74 100
 45 95.3 46.6 139.8

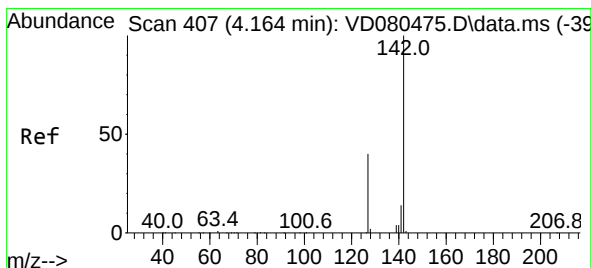
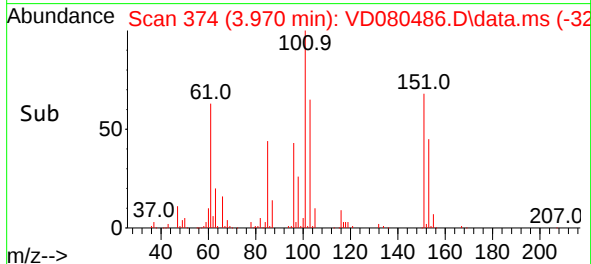
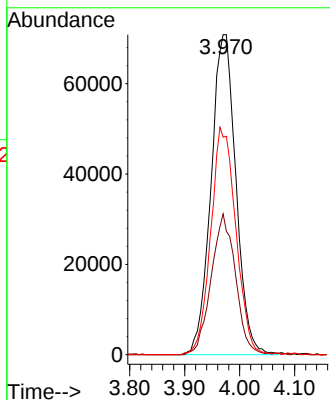
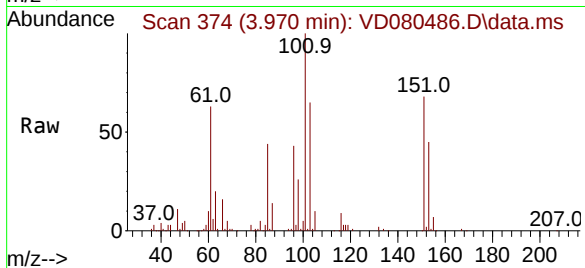




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.789 ug/l
RT: 3.970 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

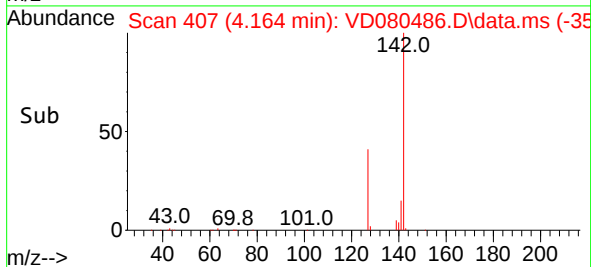
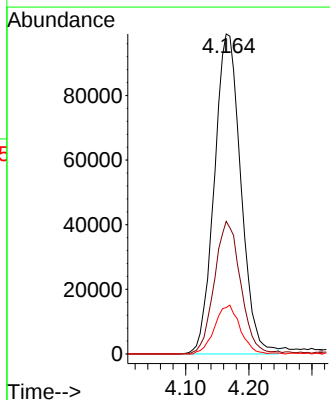
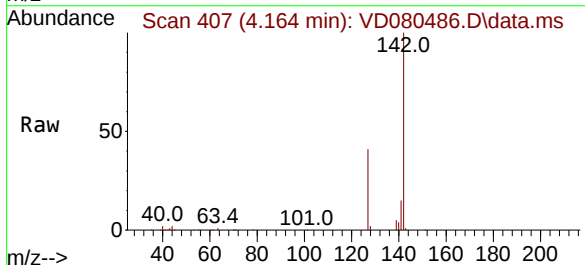
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

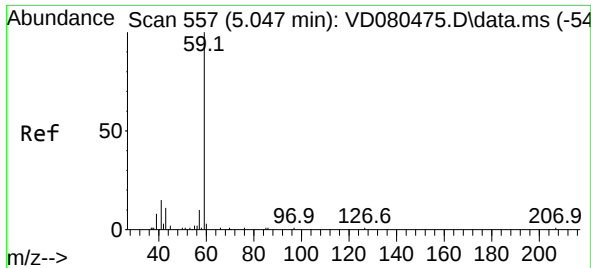
Tgt Ion:101 Resp: 223396
Ion Ratio Lower Upper
101 100
85 42.8 34.0 51.0
151 71.5 58.4 87.6



#10
Methyl Iodide
Concen: 56.906 ug/l
RT: 4.164 min Scan# 407
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion:142 Resp: 289065
Ion Ratio Lower Upper
142 100
127 41.4 32.6 49.0
141 14.6 11.1 16.7

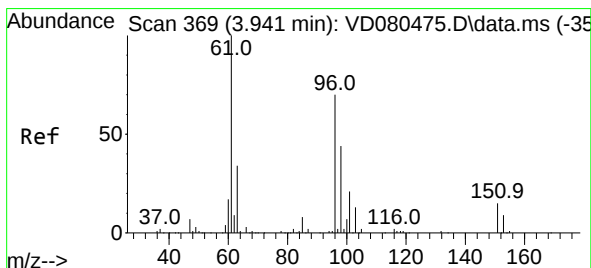
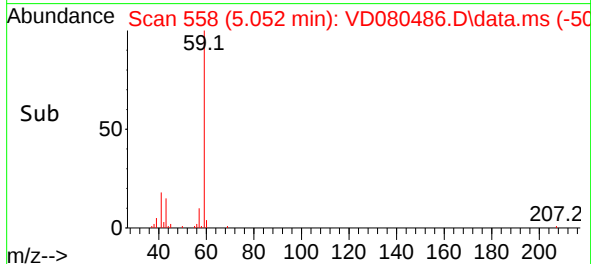
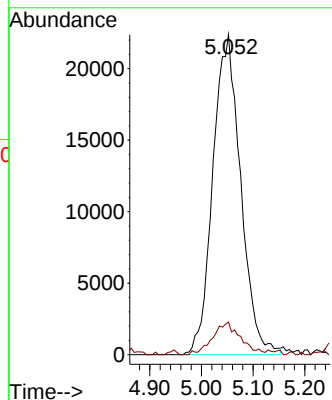
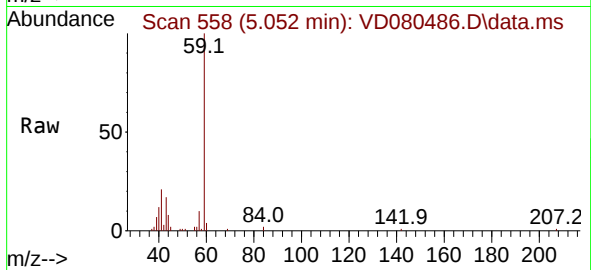




#11
Tert butyl alcohol
Concen: 254.292 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

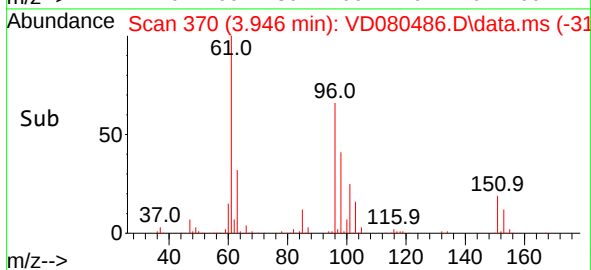
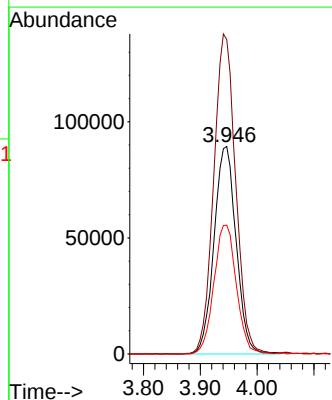
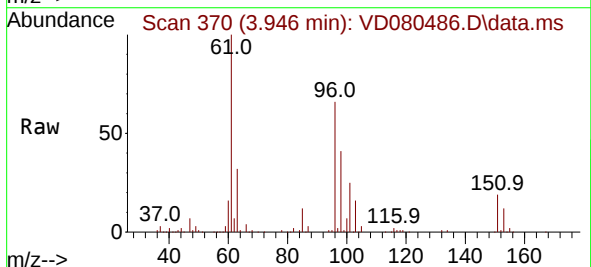
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

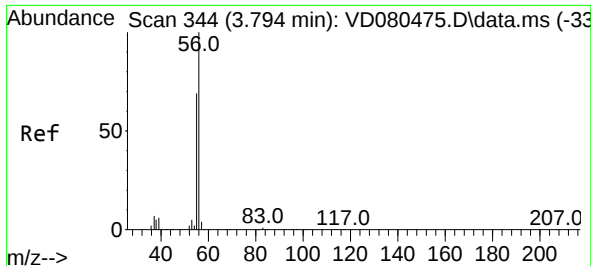
Tgt Ion: 59 Resp: 83535
Ion Ratio Lower Upper
59 100
57 10.2 8.8 13.2



#12
1,1-Dichloroethene
Concen: 51.874 ug/l
RT: 3.946 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 96 Resp: 241608
Ion Ratio Lower Upper
96 100
61 151.5 114.9 172.3
98 62.1 50.5 75.7

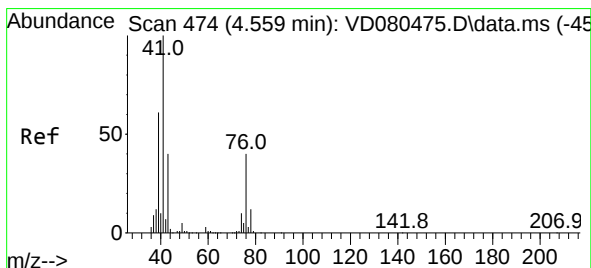
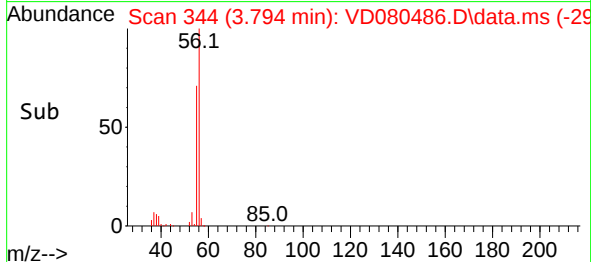
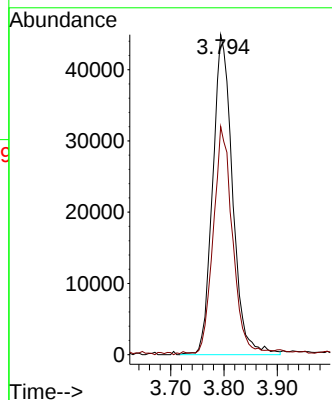
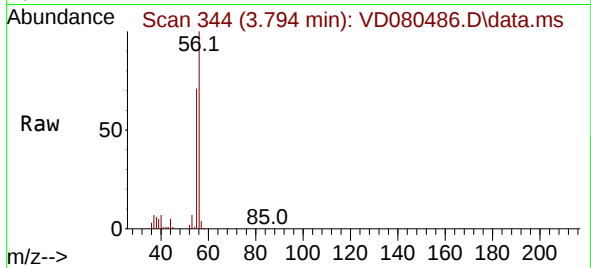




#13
Acrolein
Concen: 259.431 ug/l
RT: 3.794 min Scan# 344
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

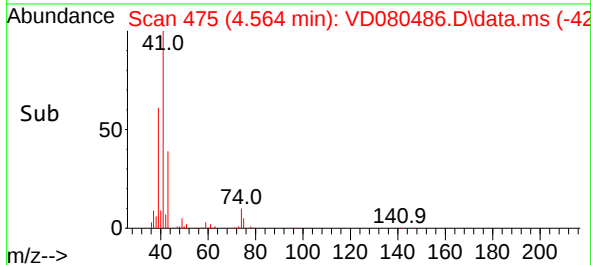
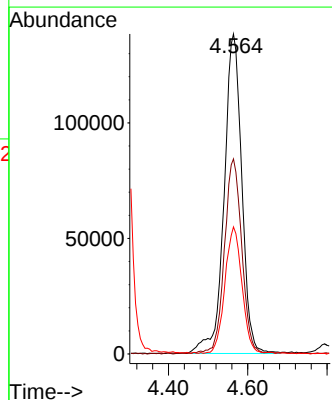
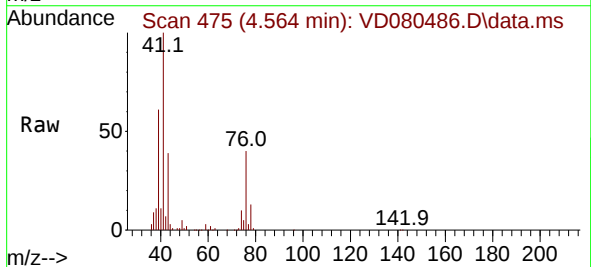
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

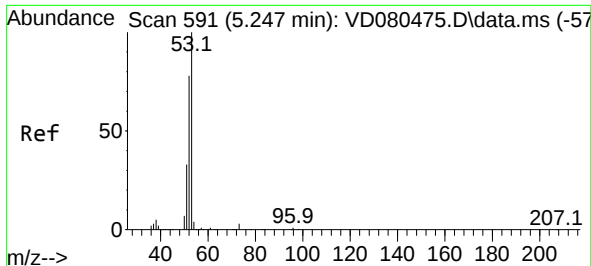
Tgt Ion: 56 Resp: 116137
Ion Ratio Lower Upper
56 100
55 68.0 56.2 84.2



#14
Allyl chloride
Concen: 52.612 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 41 Resp: 429075
Ion Ratio Lower Upper
41 100
39 59.3 47.4 71.2
76 37.8 30.5 45.7

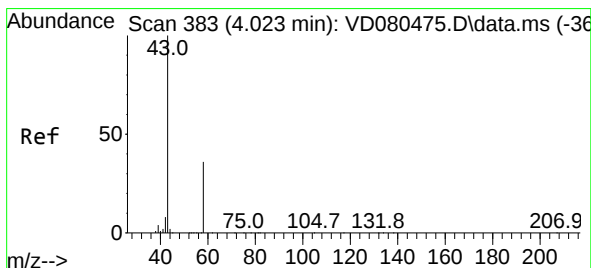
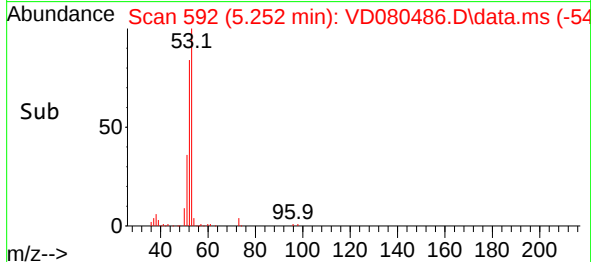
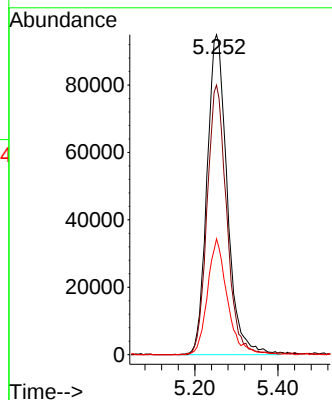
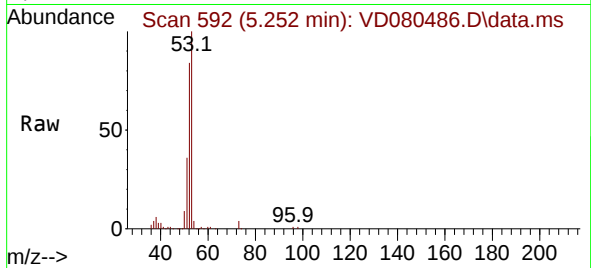




#15
Acrylonitrile
Concen: 265.069 ug/l
RT: 5.252 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

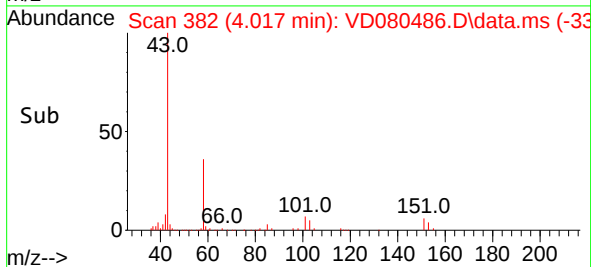
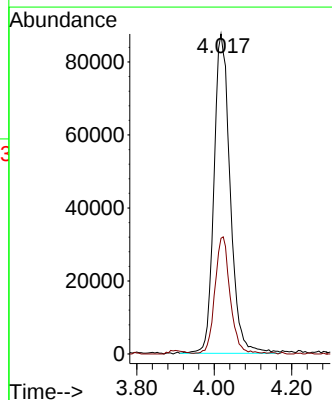
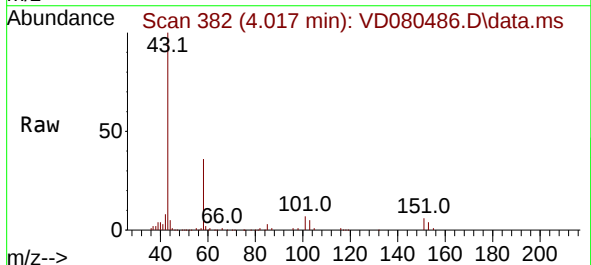
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

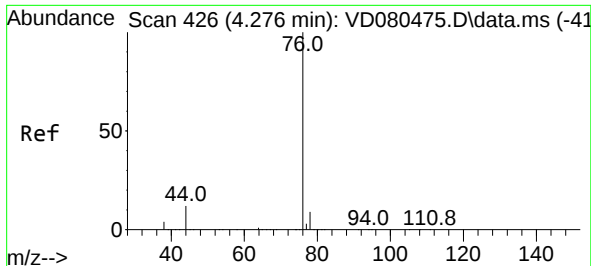
Tgt Ion: 53 Resp: 320109
Ion Ratio Lower Upper
53 100
52 81.1 64.7 97.1
51 35.7 27.9 41.9



#16
Acetone
Concen: 244.609 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 43 Resp: 254983
Ion Ratio Lower Upper
43 100
58 35.9 29.0 43.4

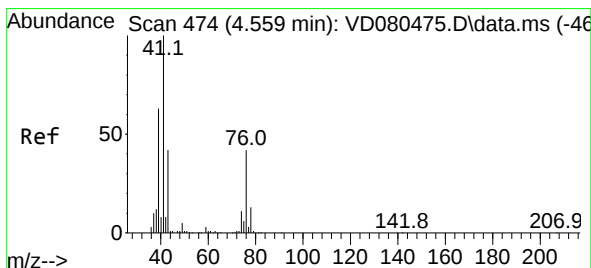
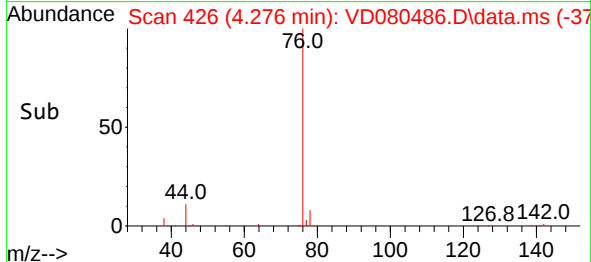
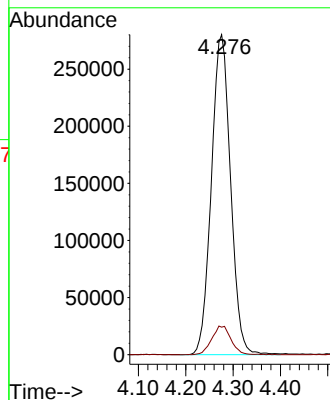
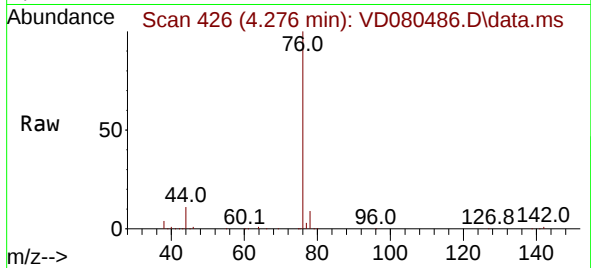




#17
Carbon Disulfide
Concen: 53.603 ug/l
RT: 4.276 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

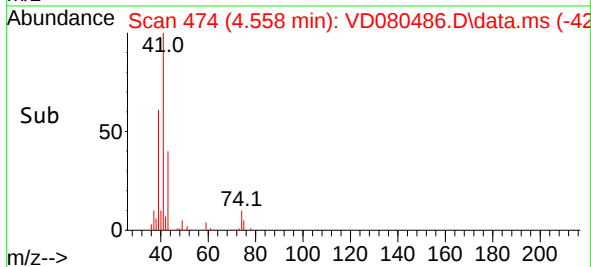
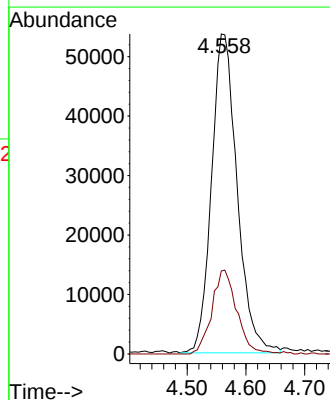
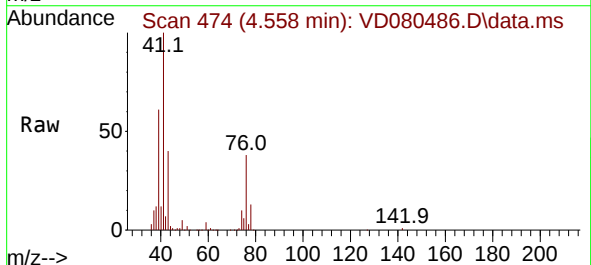
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

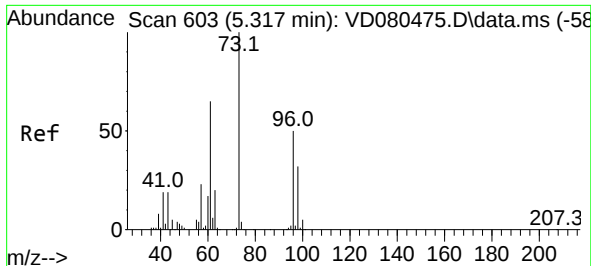
Tgt Ion: 76 Resp: 788425
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 51.214 ug/l
RT: 4.558 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 43 Resp: 162386
Ion Ratio Lower Upper
43 100
74 25.6 20.4 30.6

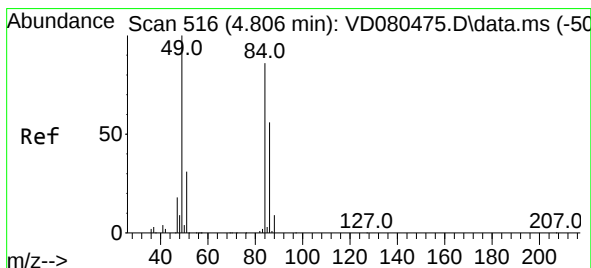
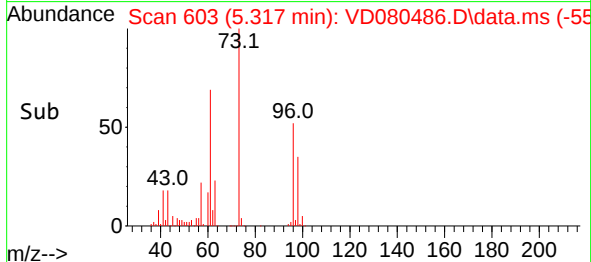
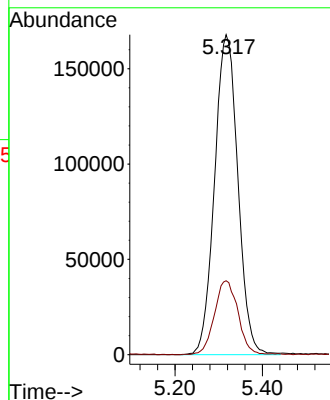
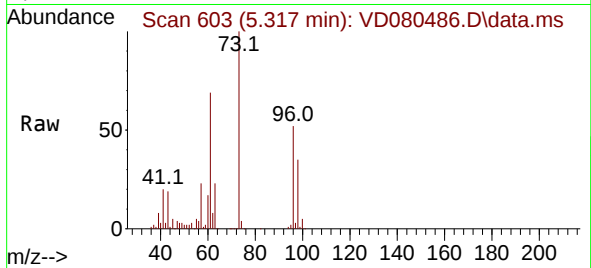




#19
Methyl tert-butyl Ether
Concen: 53.573 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

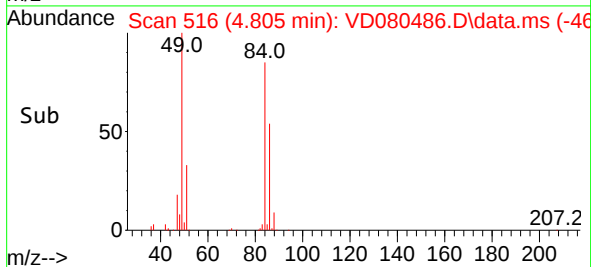
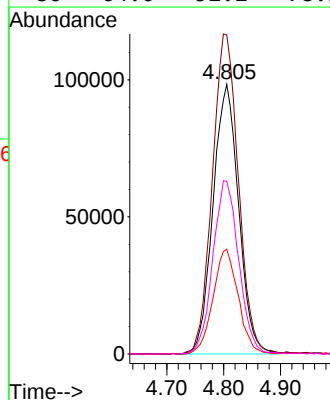
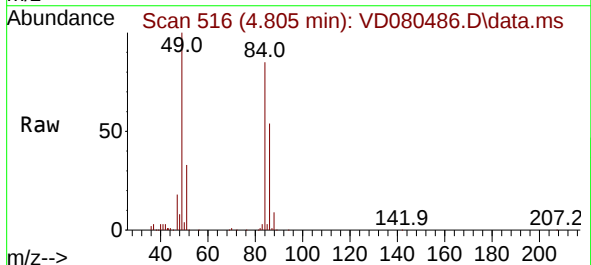
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

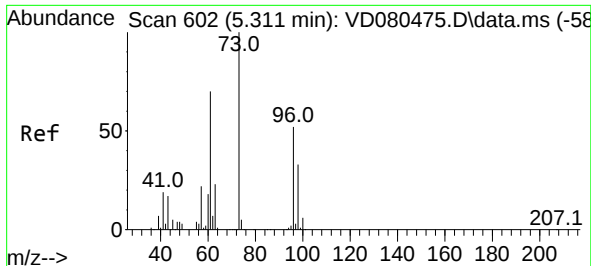
Tgt Ion: 73 Resp: 620102
Ion Ratio Lower Upper
73 100
57 23.1 18.5 27.7



#20
Methylene Chloride
Concen: 53.831 ug/l
RT: 4.805 min Scan# 516
Delta R.T. -0.001 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 84 Resp: 308353
Ion Ratio Lower Upper
84 100
49 118.3 92.8 139.2
51 38.9 29.0 43.6
86 64.0 52.2 78.2

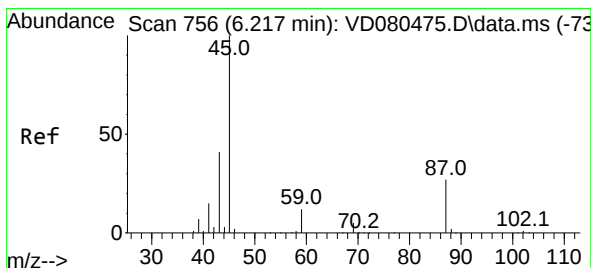
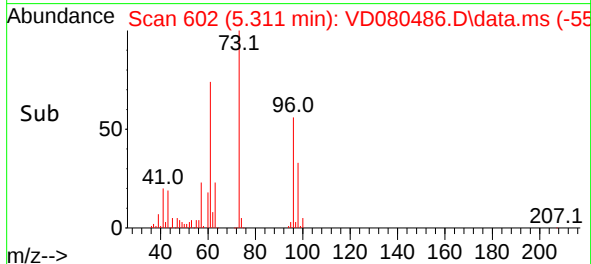
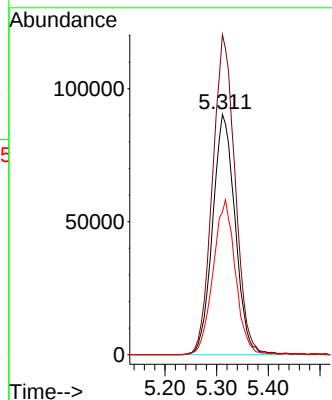
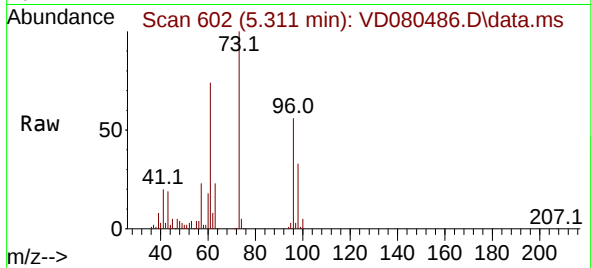




#21
trans-1,2-Dichloroethene
Concen: 52.656 ug/l
RT: 5.311 min Scan# 602
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

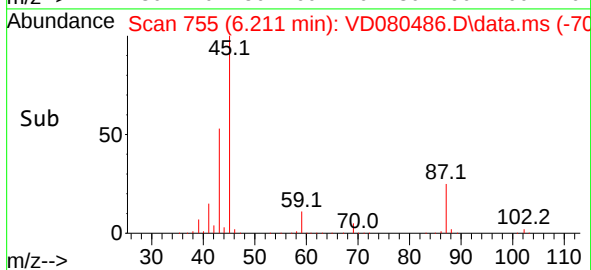
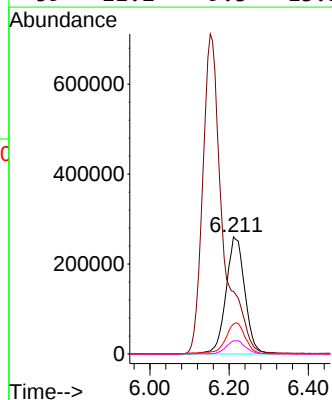
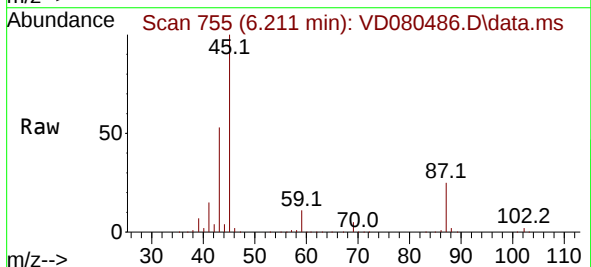
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

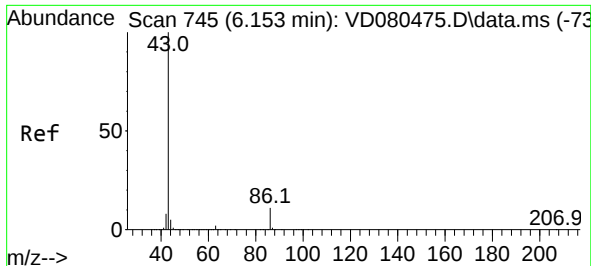
Tgt Ion: 96 Resp: 273551
Ion Ratio Lower Upper
96 100
61 133.1 108.6 163.0
98 59.3 51.5 77.3



#22
Diisopropyl ether
Concen: 54.599 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 45 Resp: 859762
Ion Ratio Lower Upper
45 100
43 53.2 39.5 59.3
87 25.3 22.3 33.5
59 11.2 9.3 13.9

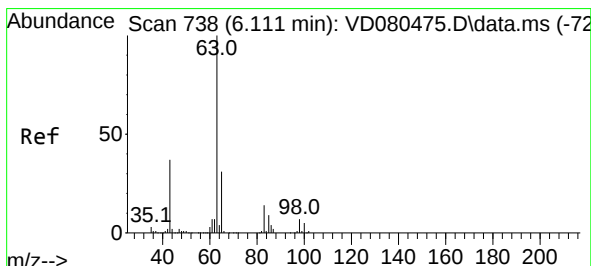
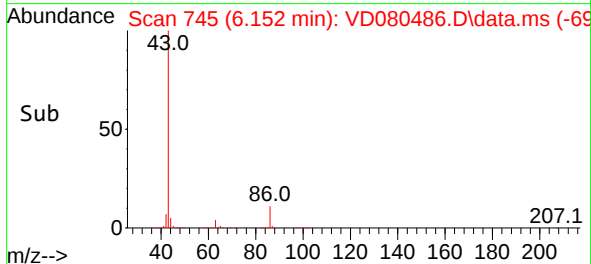
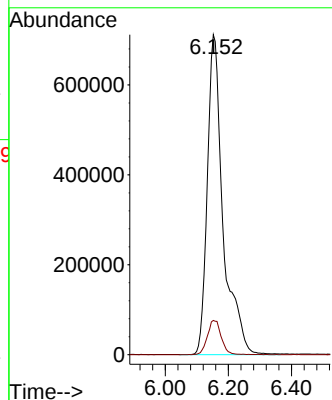
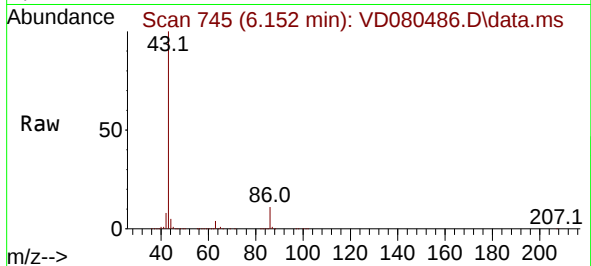




#23
 Vinyl Acetate
 Concen: 274.930 ug/l
 RT: 6.152 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

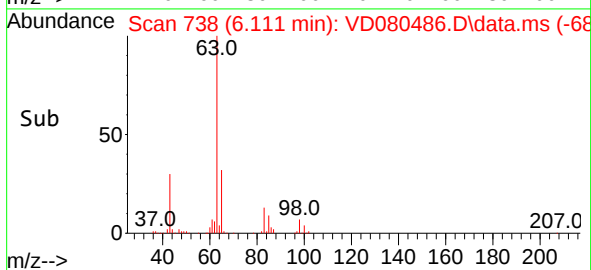
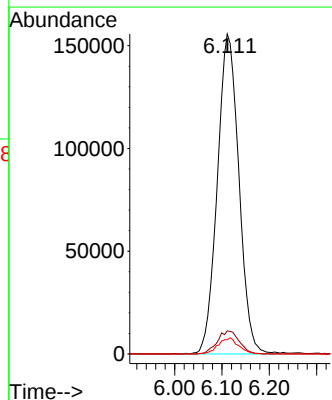
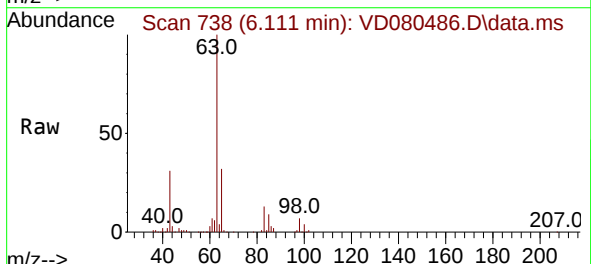
Instrument :
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 VSTDCCC050EC

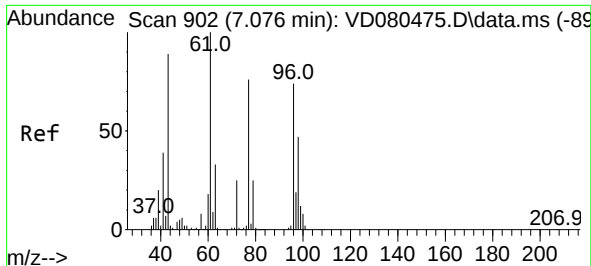
Tgt Ion: 43 Resp: 2466846
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 53.349 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

Tgt Ion: 63 Resp: 492919
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.4 2.5 7.4

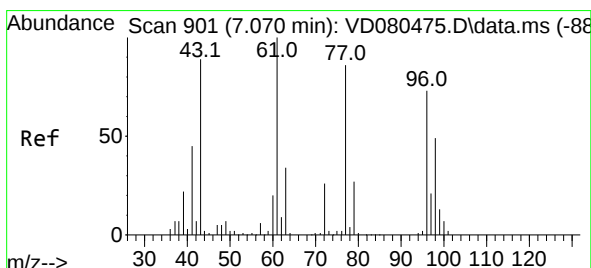
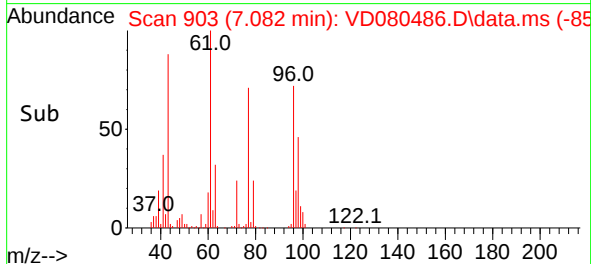
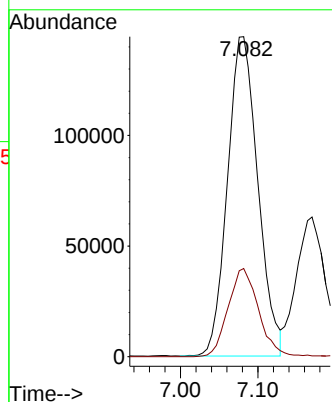
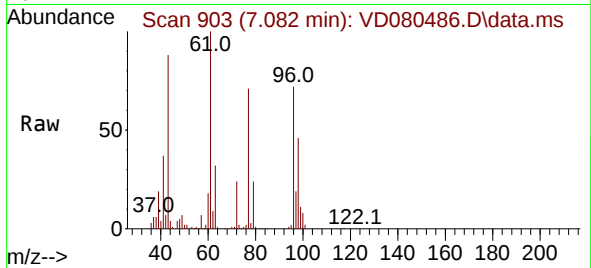




#25
2-Butanone
Concen: 257.584 ug/l
RT: 7.082 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

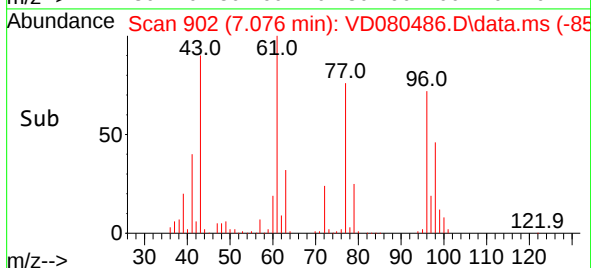
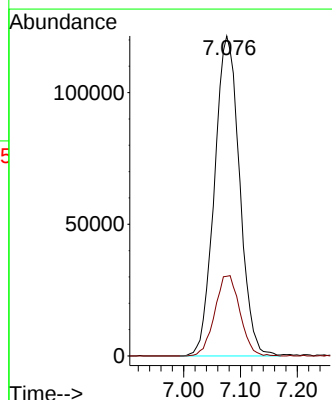
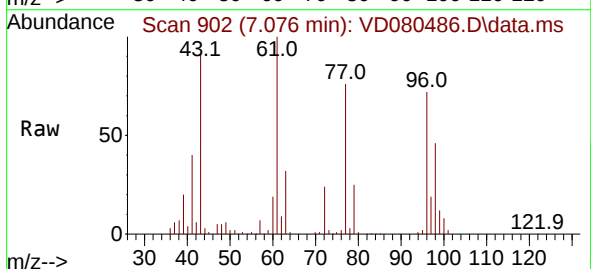
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

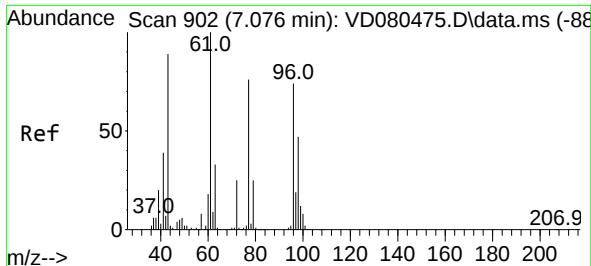
Tgt Ion: 43 Resp: 394098
Ion Ratio Lower Upper
43 100
72 27.6 22.8 34.2



#26
2,2-Dichloropropane
Concen: 50.961 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 77 Resp: 372617
Ion Ratio Lower Upper
77 100
97 25.2 12.2 36.6

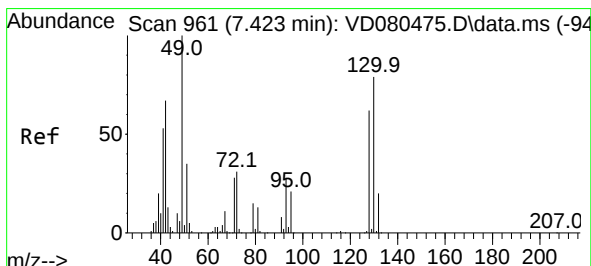
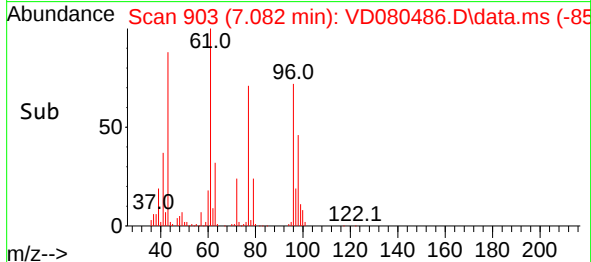
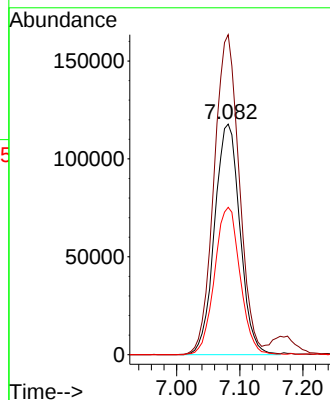
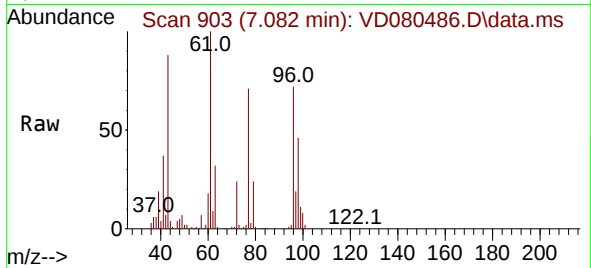




#27
 cis-1,2-Dichloroethene
 Concen: 53.128 ug/l
 RT: 7.082 min Scan# 901
 Delta R.T. 0.006 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

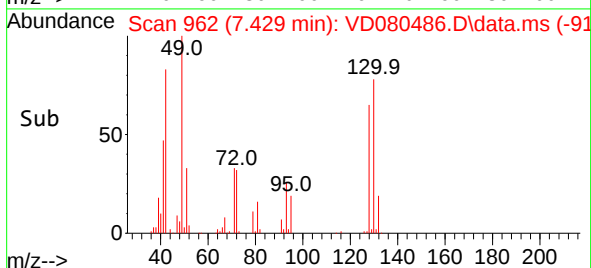
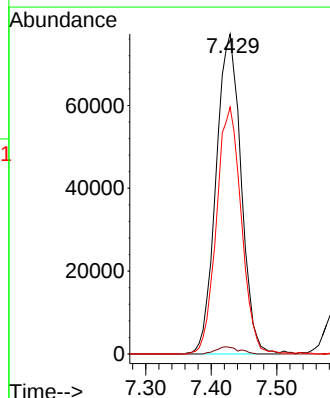
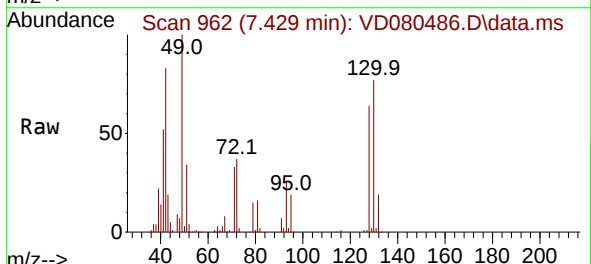
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

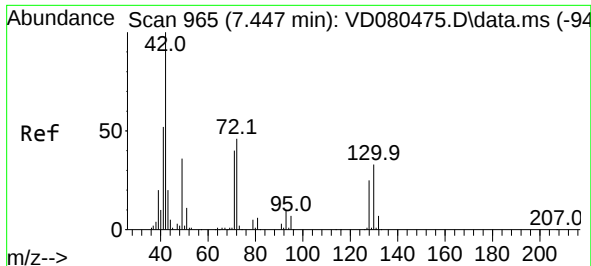
Tgt Ion: 96 Resp: 329954
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 274.6
 98 64.1 0.0 128.0



#28
 Bromochloromethane
 Concen: 56.119 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.005 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

Tgt Ion: 49 Resp: 204419
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 76.8 62.8 94.2





#29

Tetrahydrofuran

Concen: 272.157 ug/l

RT: 7.440 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

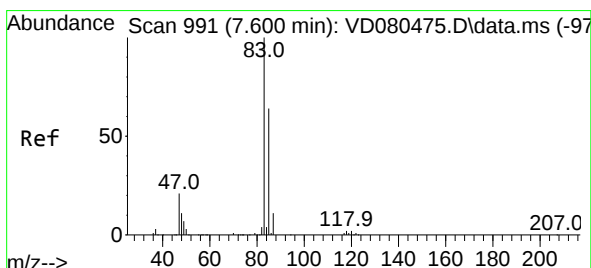
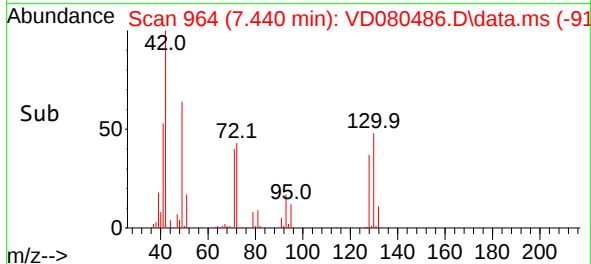
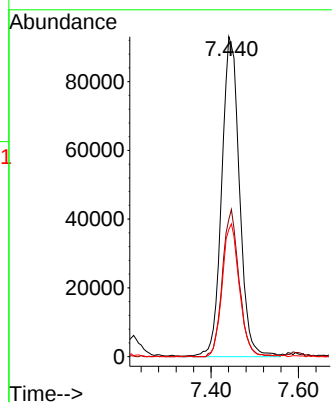
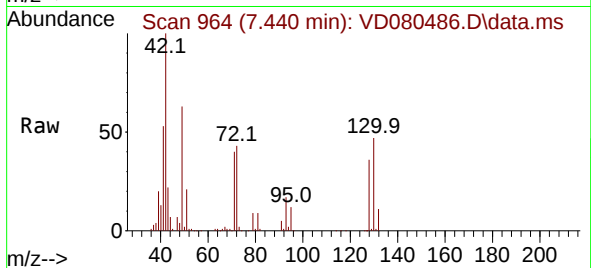
Tgt Ion: 42 Resp: 262329

Ion Ratio Lower Upper

42 100

72 42.9 35.9 53.9

71 40.2 33.2 49.8



#30

Chloroform

Concen: 53.151 ug/l

RT: 7.599 min Scan# 991

Delta R.T. -0.000 min

Lab File: VD080486.D

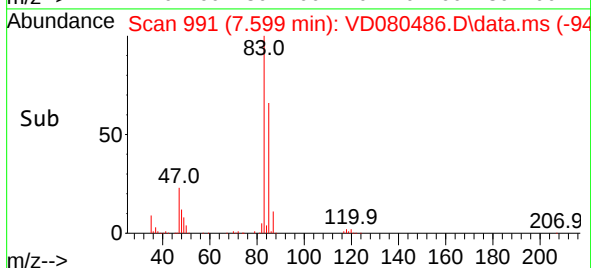
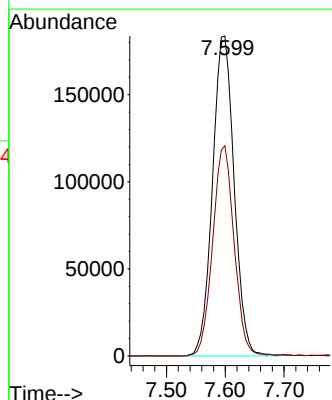
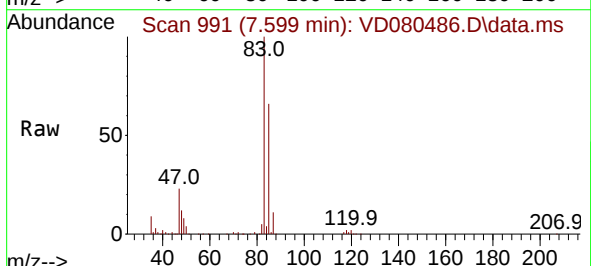
Acq: 26 Jun 2025 17:42

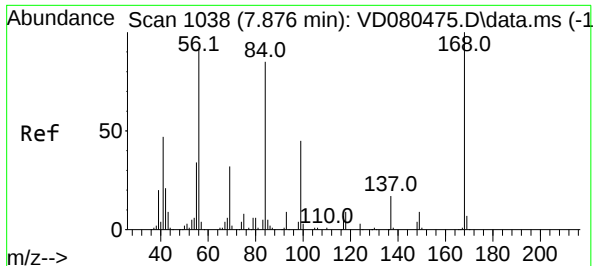
Tgt Ion: 83 Resp: 470097

Ion Ratio Lower Upper

83 100

85 65.7 51.2 76.8

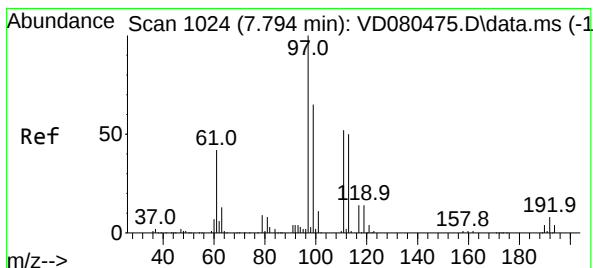
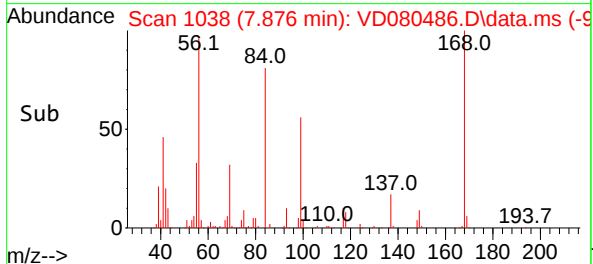
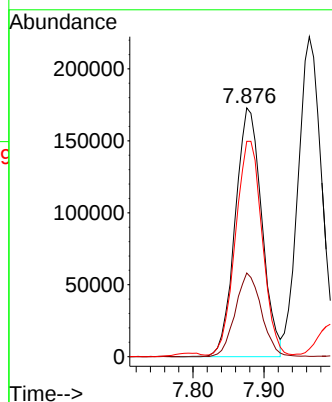
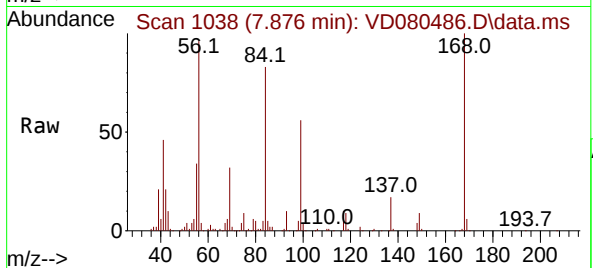




#31
Cyclohexane
Concen: 50.244 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

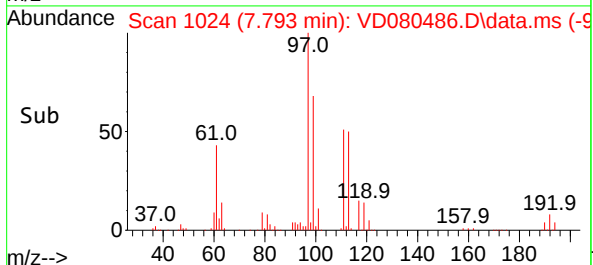
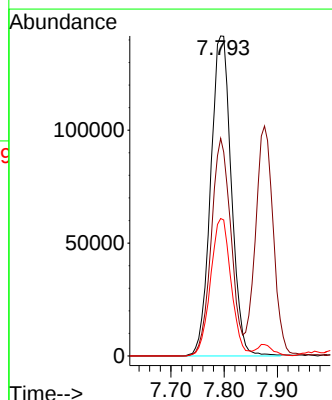
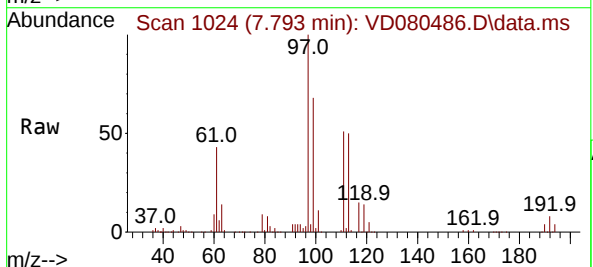
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

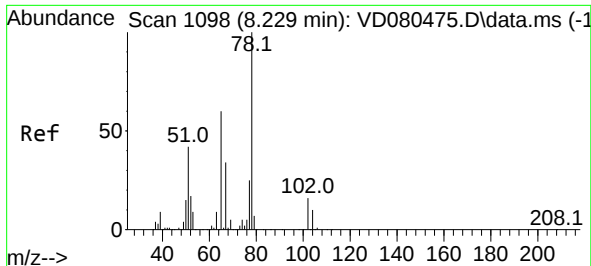
Tgt Ion: 56 Resp: 449827
Ion Ratio Lower Upper
56 100
69 33.6 28.1 42.1
84 85.2 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 51.682 ug/l
RT: 7.793 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 97 Resp: 382175
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 43.0 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 55.428 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

Instrument :

MSVOA_D

ClientSampleId :

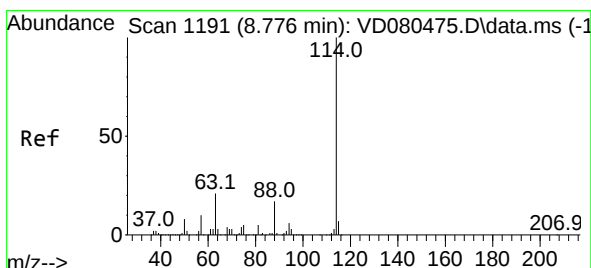
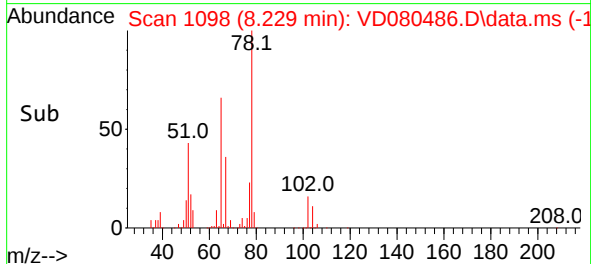
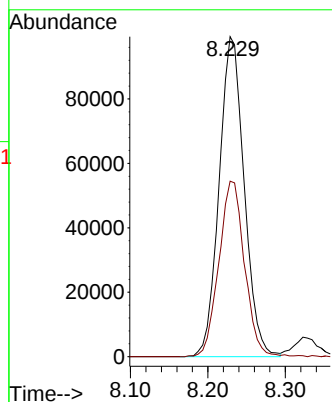
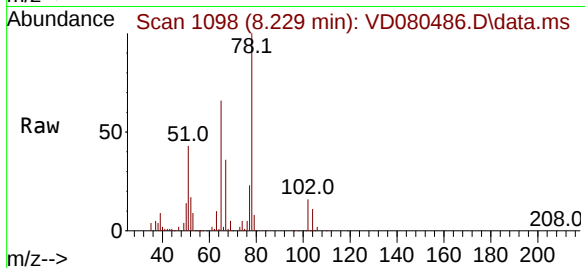
VSTDCCC050EC

Tgt Ion: 65 Resp: 223625

Ion Ratio Lower Upper

65 100

67 56.2 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: VD080486.D

Acq: 26 Jun 2025 17:42

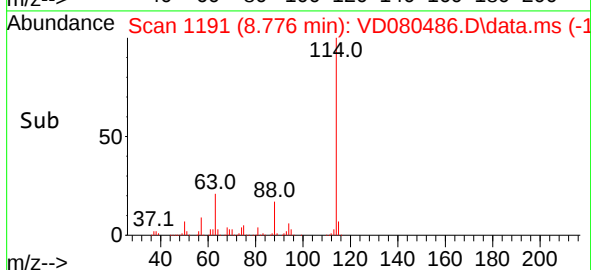
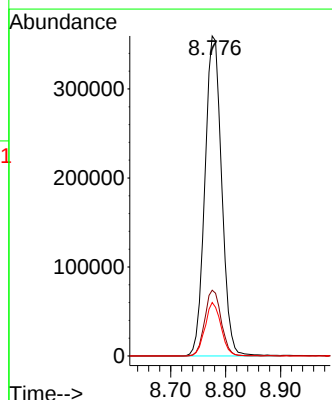
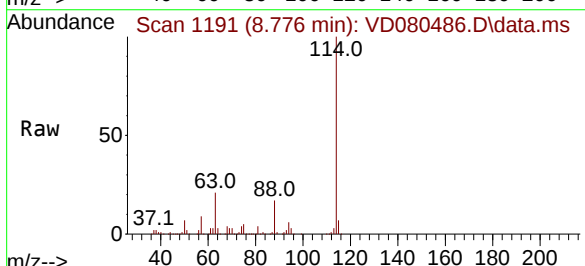
Tgt Ion: 114 Resp: 762298

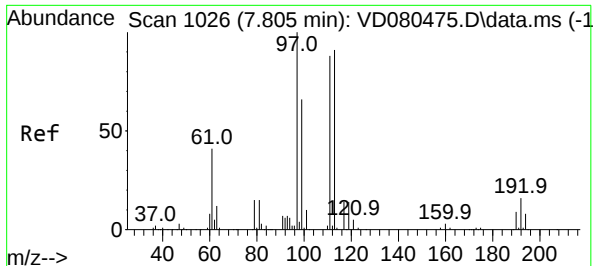
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.0

88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.943 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

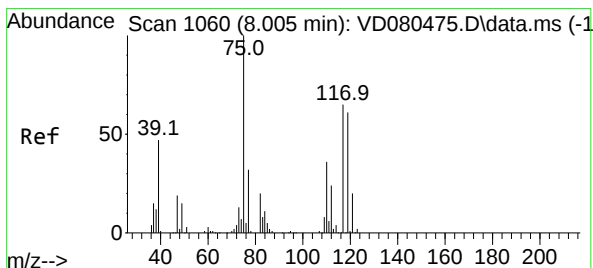
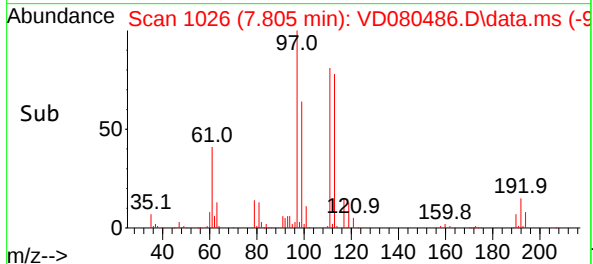
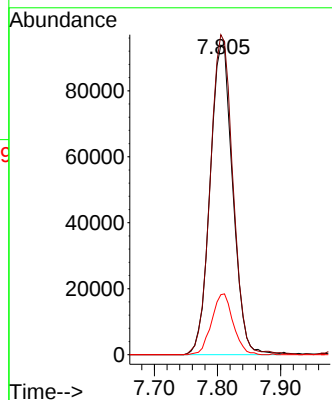
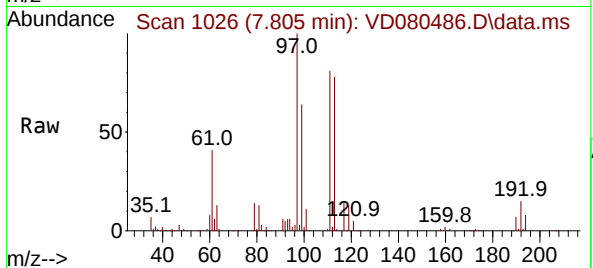
Tgt Ion:113 Resp: 234527

Ion Ratio Lower Upper

113 100

111 103.3 82.5 123.7

192 18.6 15.0 22.6



#36

1,1-Dichloropropene

Concen: 52.073 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.005 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

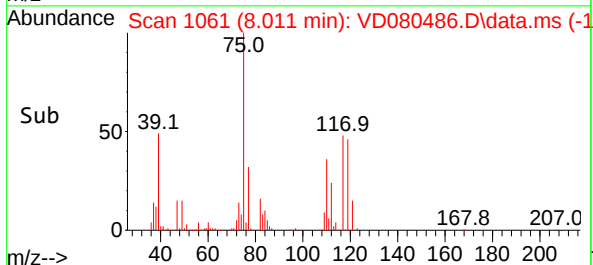
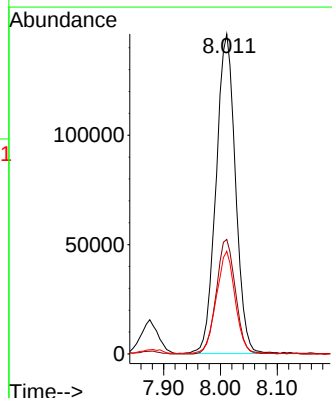
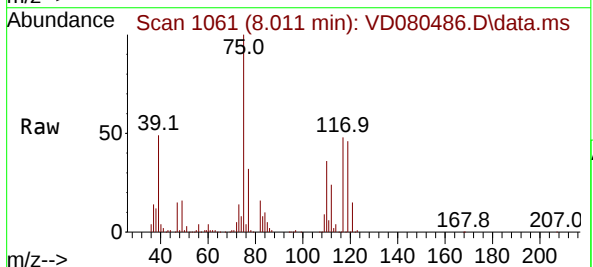
Tgt Ion: 75 Resp: 347152

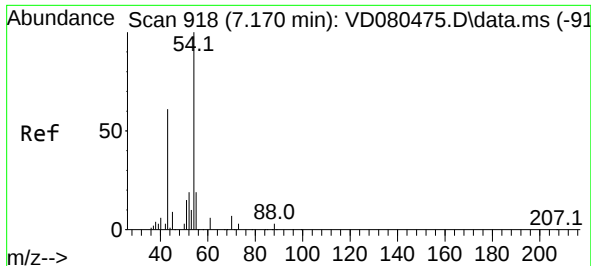
Ion Ratio Lower Upper

75 100

110 35.3 18.2 54.6

77 31.1 25.2 37.8

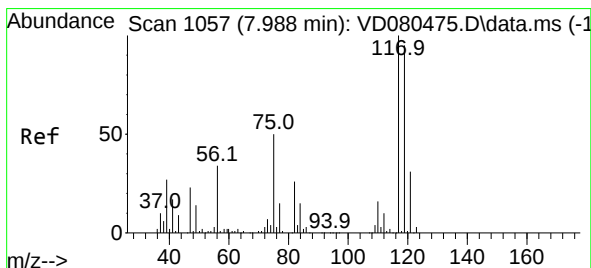
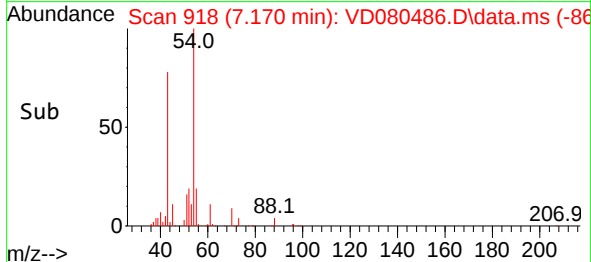
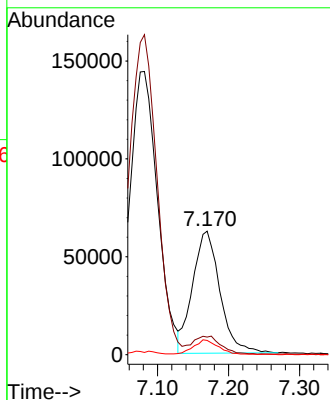
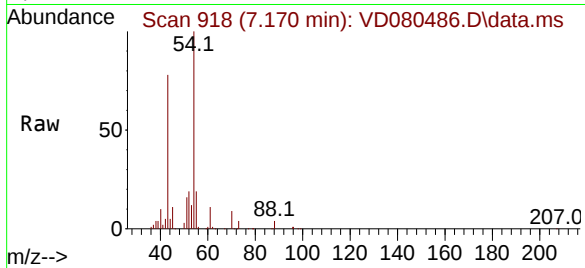




#37
Ethyl Acetate
Concen: 51.610 ug/l
RT: 7.170 min Scan# 918
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

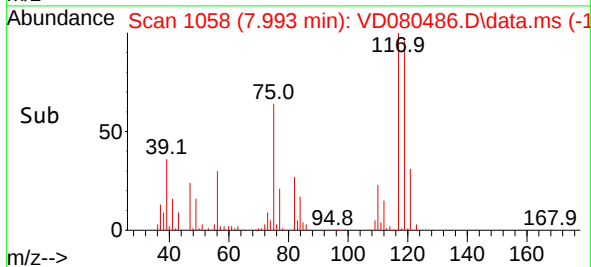
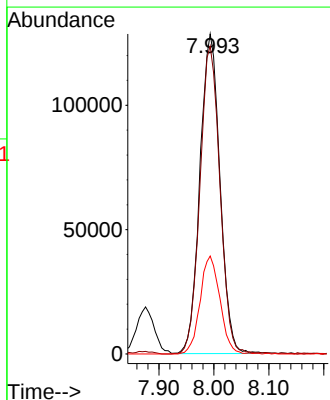
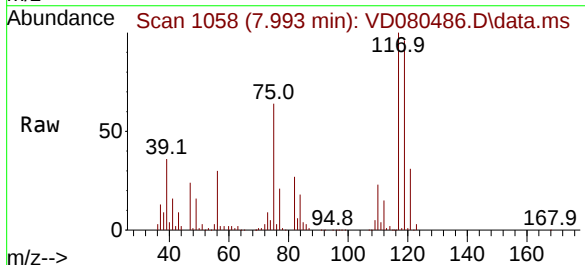
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

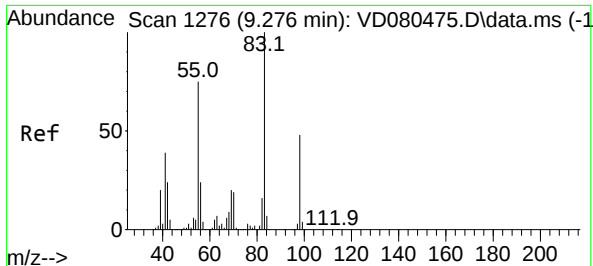
Tgt Ion: 43 Resp: 167224
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.2
70 10.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 51.135 ug/l
RT: 7.993 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 117 Resp: 325700
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.6
121 30.7 25.0 37.4





#39

Methylcyclohexane

Concen: 51.327 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

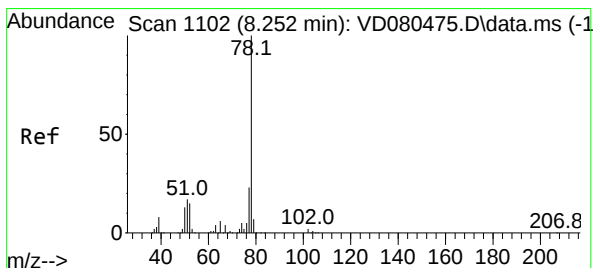
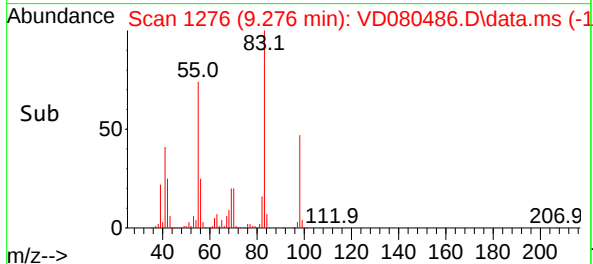
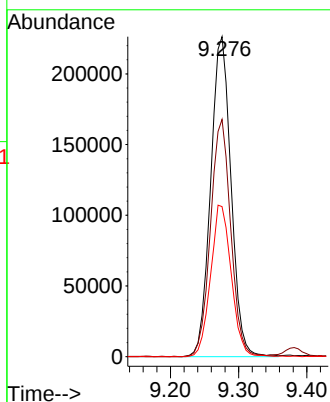
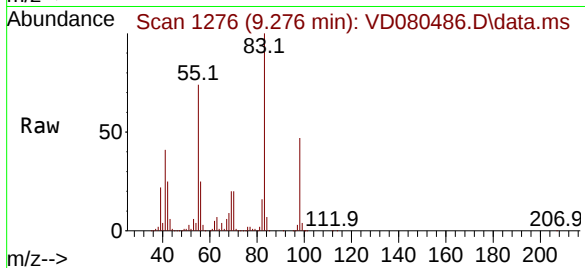
Tgt Ion: 83 Resp: 471106

Ion Ratio Lower Upper

83 100

55 74.1 59.8 89.8

98 46.9 38.2 57.2



#40

Benzene

Concen: 52.508 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080486.D

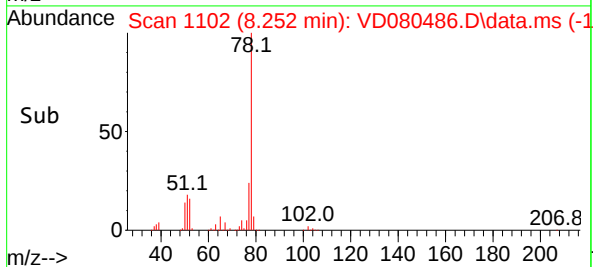
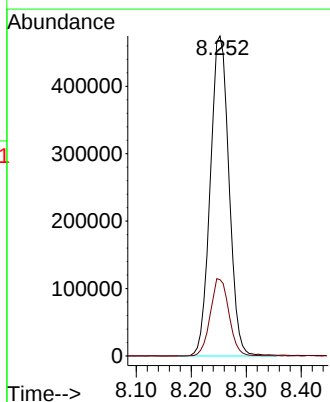
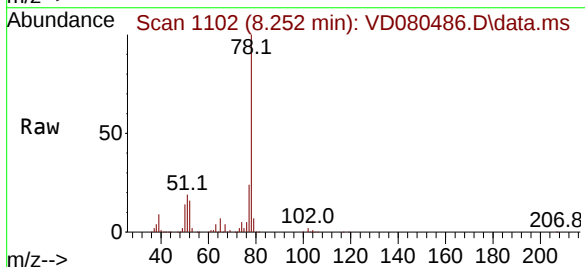
Acq: 26 Jun 2025 17:42

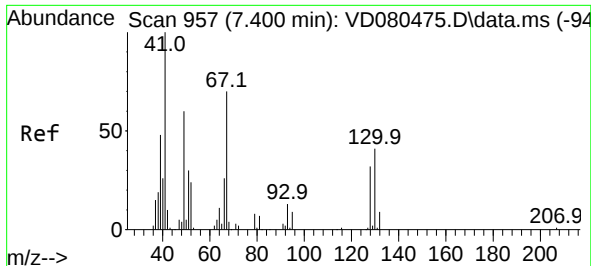
Tgt Ion: 78 Resp: 1123506

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0

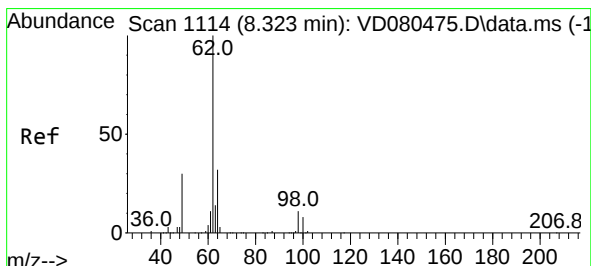
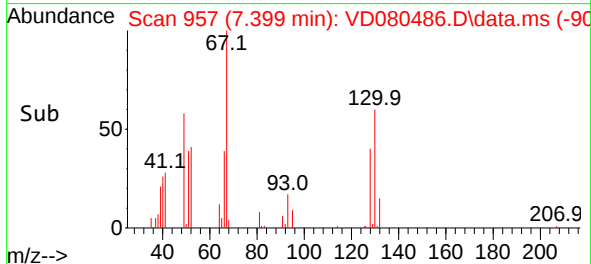
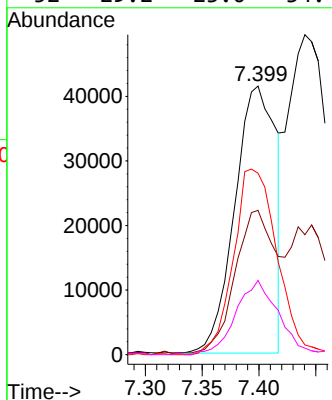
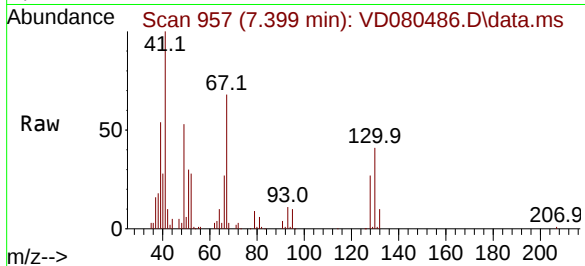




#41
Methacrylonitrile
Concen: 50.161 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

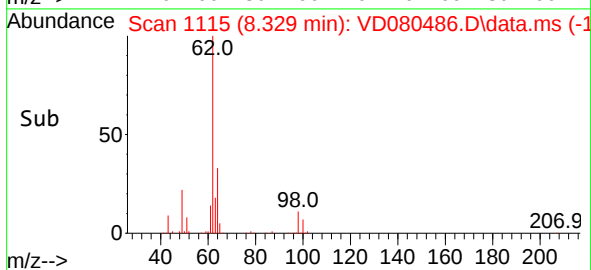
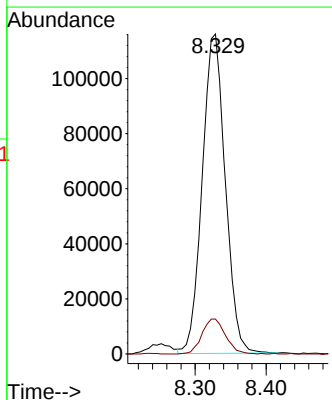
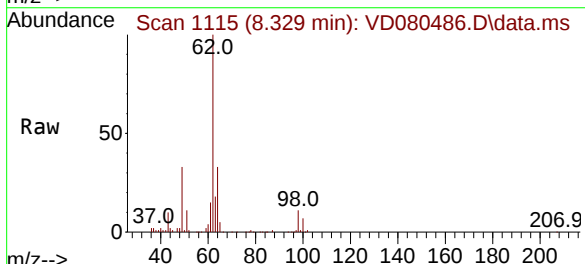
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

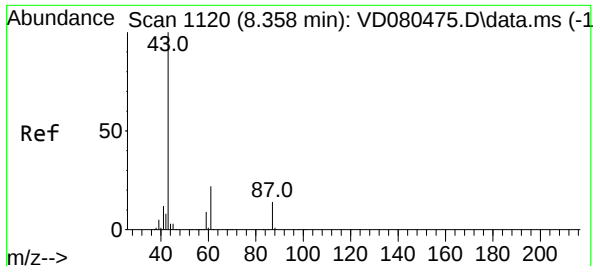
Tgt Ion: 41 Resp: 103877
Ion Ratio Lower Upper
41 100
39 55.3 43.4 65.0
67 74.4 59.2 88.8
52 29.2 23.0 34.4



#42
1,2-Dichloroethane
Concen: 52.025 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.005 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 62 Resp: 261873
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.0

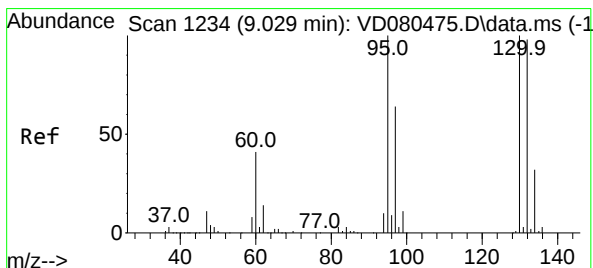
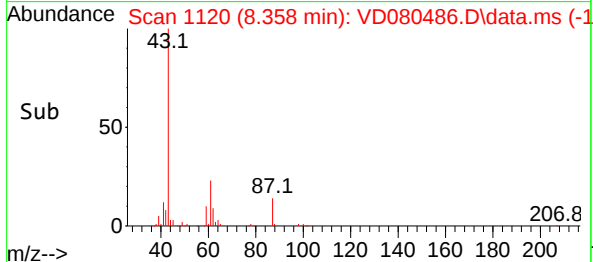
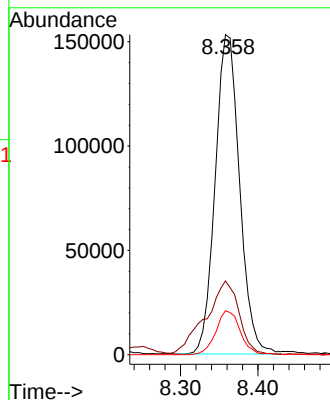
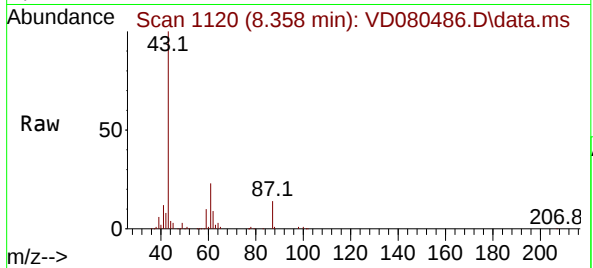




#43
Isopropyl Acetate
Concen: 52.597 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

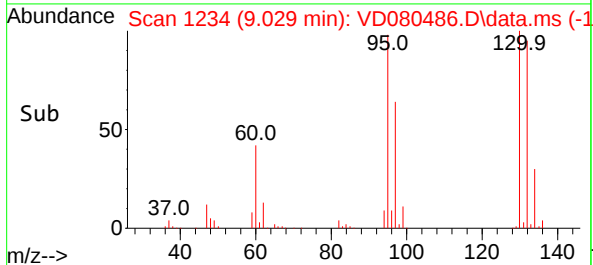
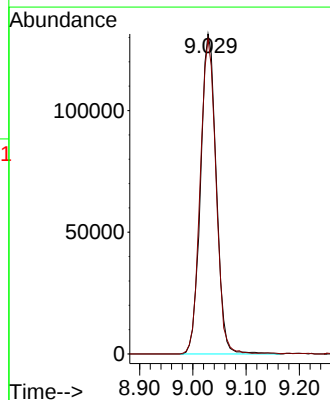
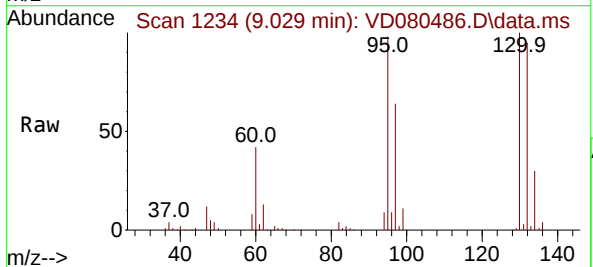
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

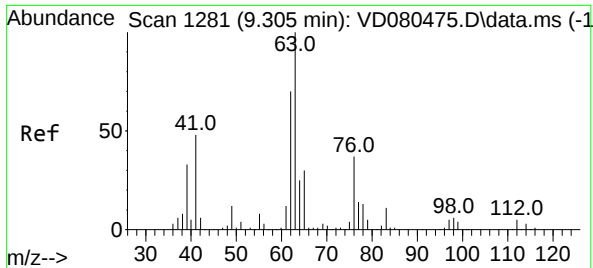
Tgt Ion: 43 Resp: 335392
Ion Ratio Lower Upper
43 100
61 31.4 24.4 36.6
87 13.8 11.4 17.2



#44
Trichloroethene
Concen: 51.819 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion:130 Resp: 268713
Ion Ratio Lower Upper
130 100
95 98.4 0.0 200.6





#45

1,2-Dichloropropane

Concen: 53.837 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

Instrument :

MSVOA_D

ClientSampleId :

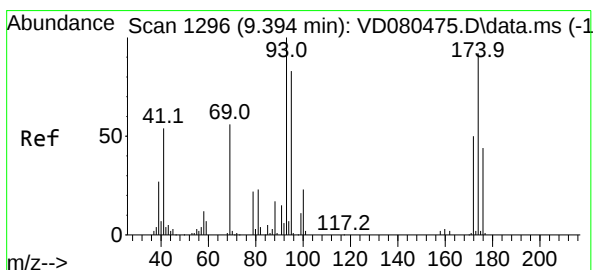
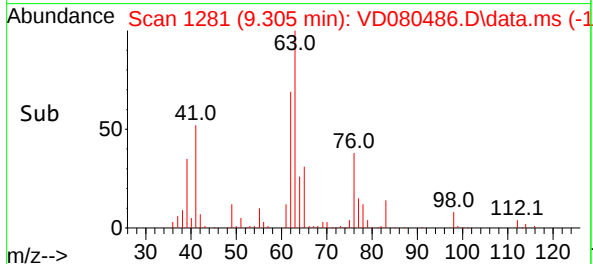
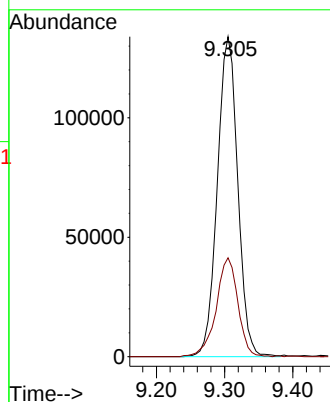
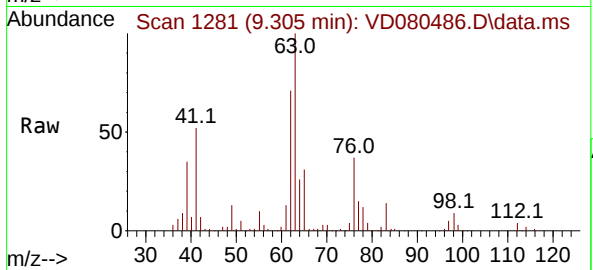
VSTDCCC050EC

Tgt Ion: 63 Resp: 279376

Ion Ratio Lower Upper

63 100

65 30.9 24.0 36.0



#46

Dibromomethane

Concen: 53.152 ug/l

RT: 9.393 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

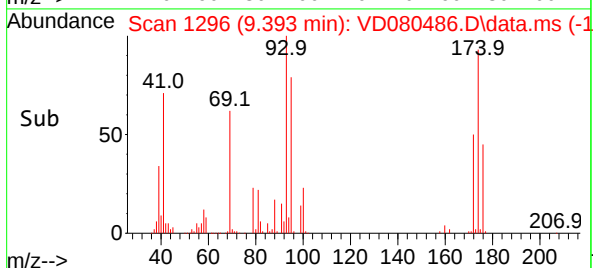
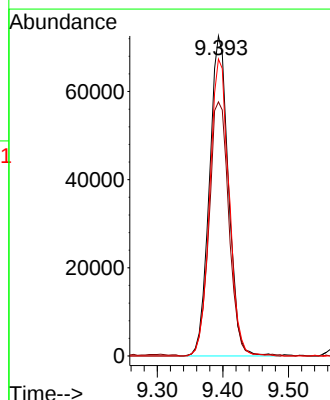
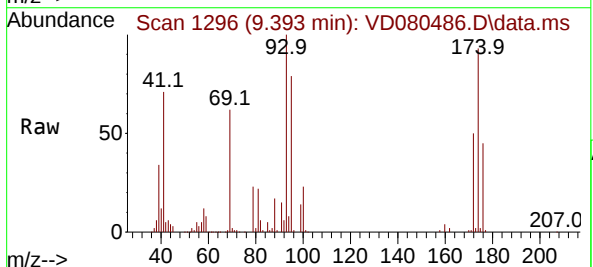
Tgt Ion: 93 Resp: 147061

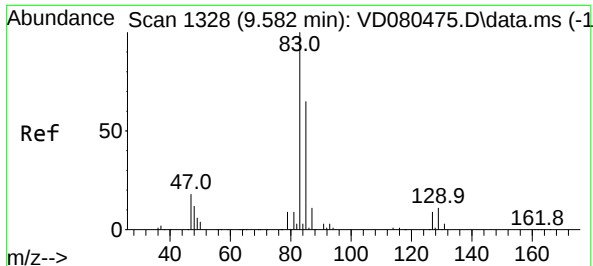
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

174 93.1 75.4 113.0





#47

Bromodichloromethane

Concen: 52.840 ug/l

RT: 9.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

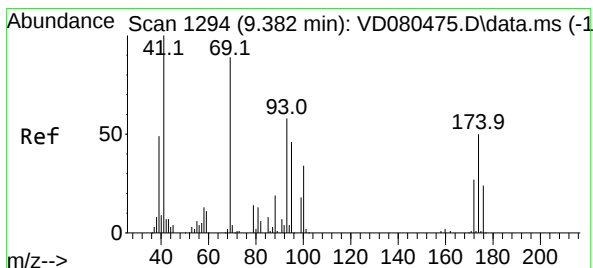
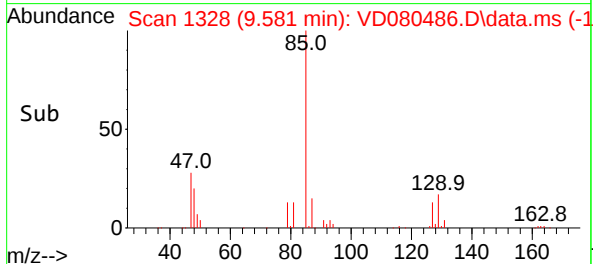
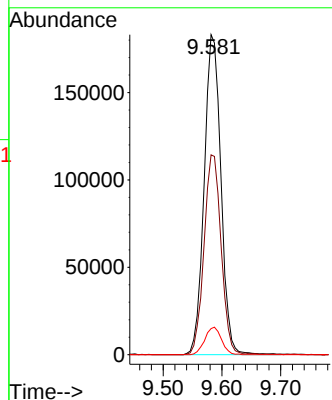
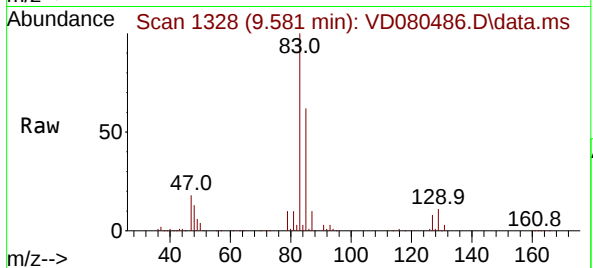
Tgt Ion: 83 Resp: 362449

Ion Ratio Lower Upper

83 100

85 62.5 52.2 78.2

127 8.1 6.9 10.3



#48

Methyl methacrylate

Concen: 52.433 ug/l

RT: 9.381 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

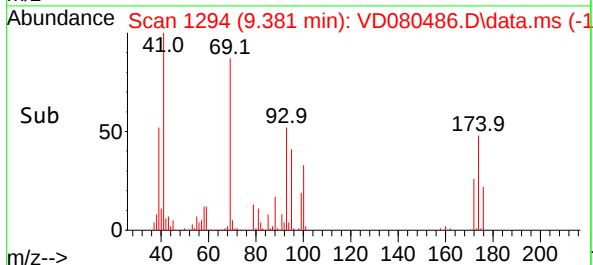
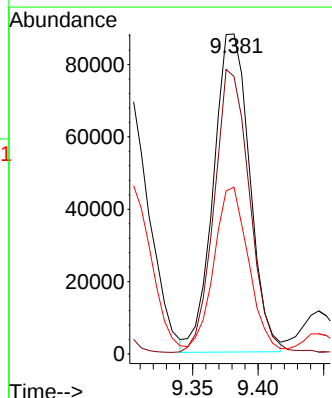
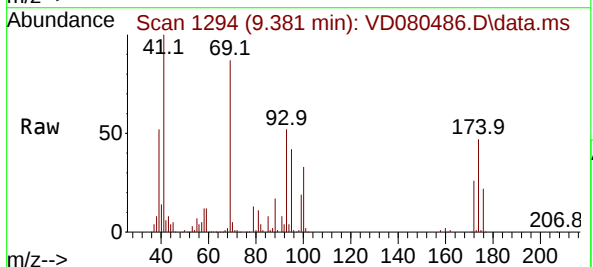
Tgt Ion: 41 Resp: 169137

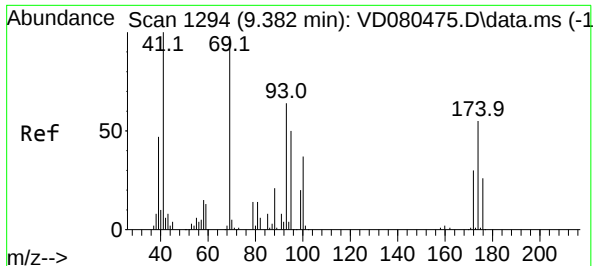
Ion Ratio Lower Upper

41 100

69 87.7 70.2 105.4

39 47.7 40.2 60.2





#49

1,4-Dioxane

Concen: 980.361 ug/l

RT: 9.387 min Scan# 1295

Delta R.T. 0.005 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

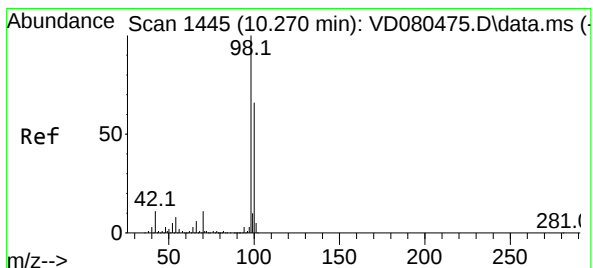
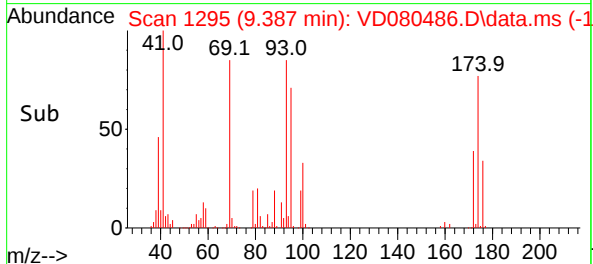
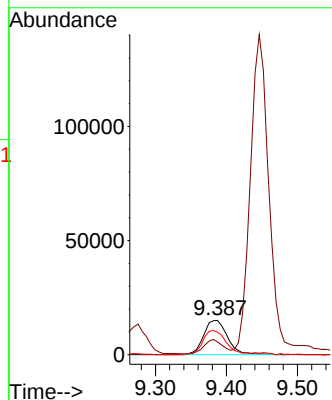
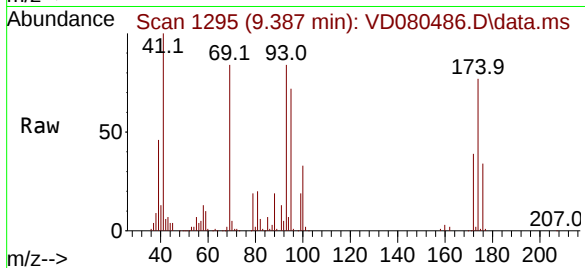
Tgt Ion: 88 Resp: 35188

Ion Ratio Lower Upper

88 100

43 32.4 26.7 40.1

58 69.1 56.4 84.6



#50

Toluene-d8

Concen: 54.510 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VD080486.D

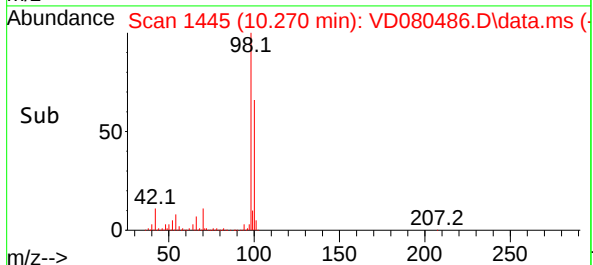
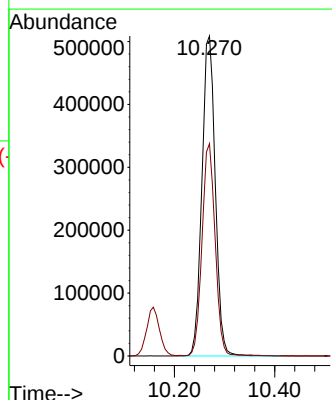
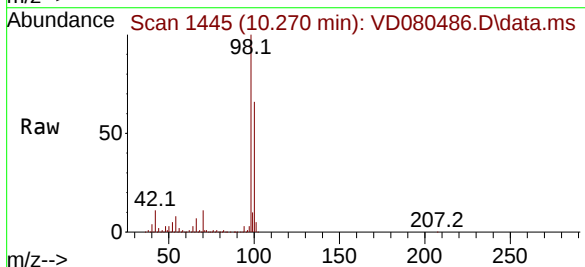
Acq: 26 Jun 2025 17:42

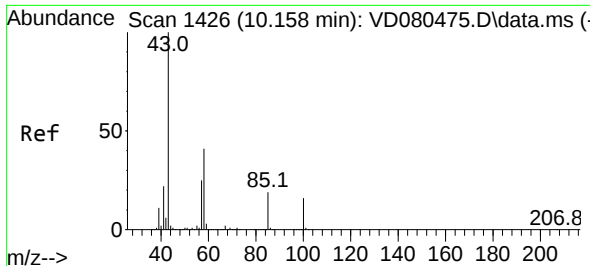
Tgt Ion: 98 Resp: 939984

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4

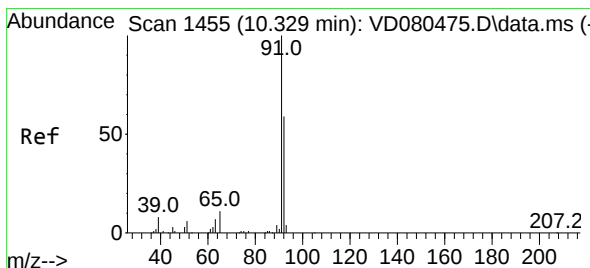
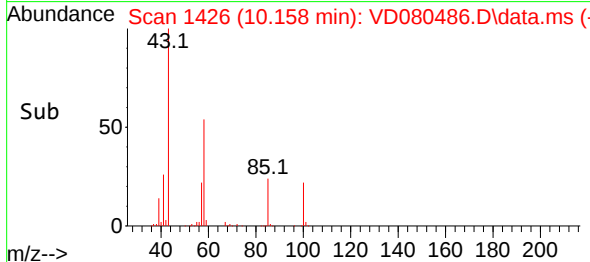
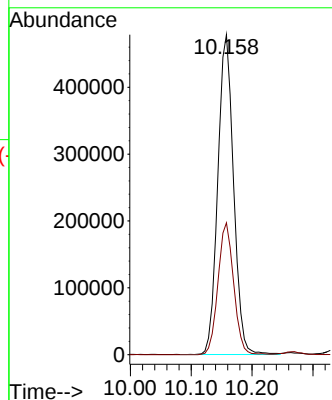
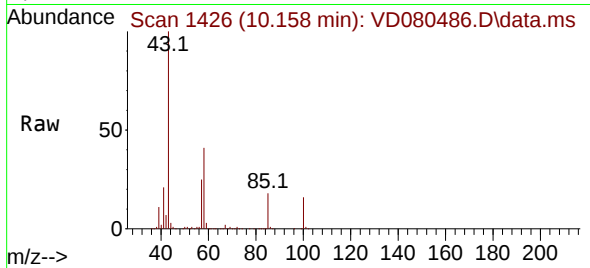




#51
4-Methyl-2-Pentanone
Concen: 265.556 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

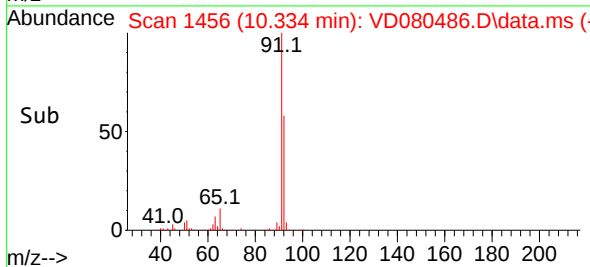
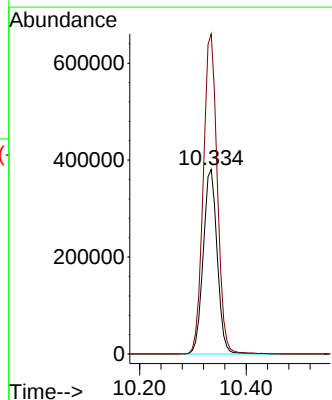
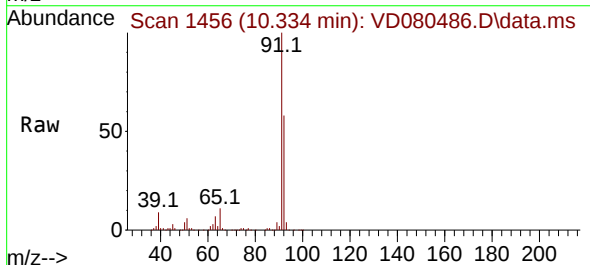
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

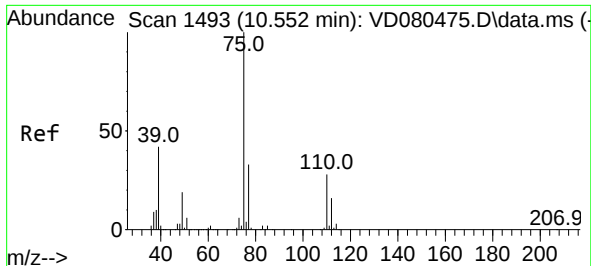
Tgt Ion: 43 Resp: 859916
Ion Ratio Lower Upper
43 100
58 41.0 33.3 49.9



#52
Toluene
Concen: 51.661 ug/l
RT: 10.334 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 92 Resp: 690882
Ion Ratio Lower Upper
92 100
91 174.2 137.1 205.7

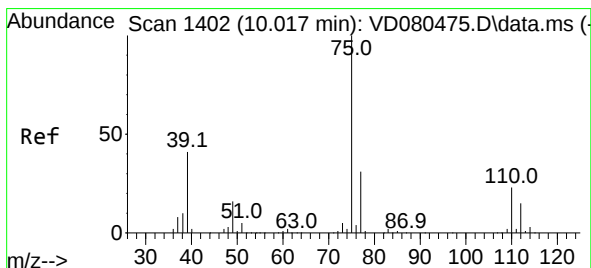
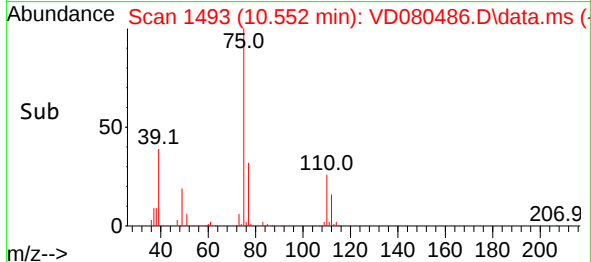
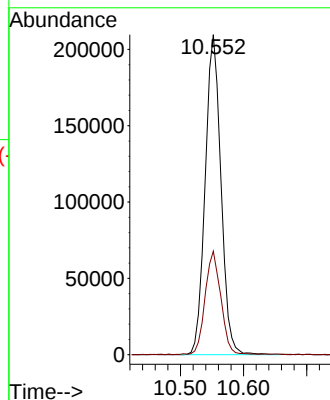
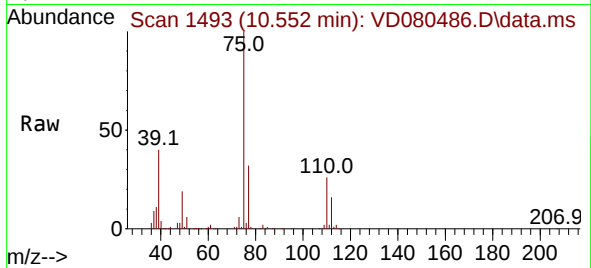




#53
t-1,3-Dichloropropene
Concen: 52.880 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

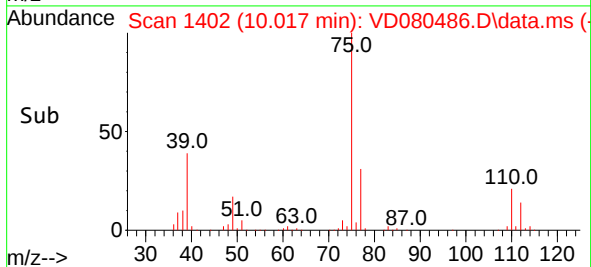
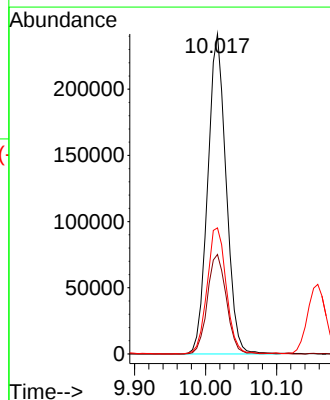
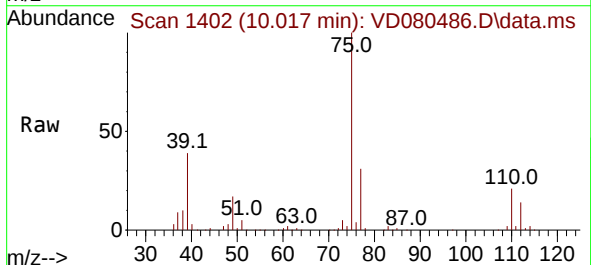
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

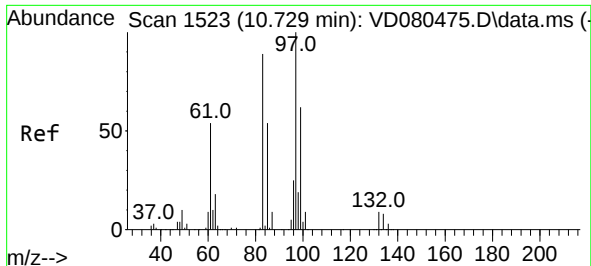
Tgt Ion: 75 Resp: 363291
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 52.589 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 75 Resp: 434037
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3
39 39.4 32.5 48.7



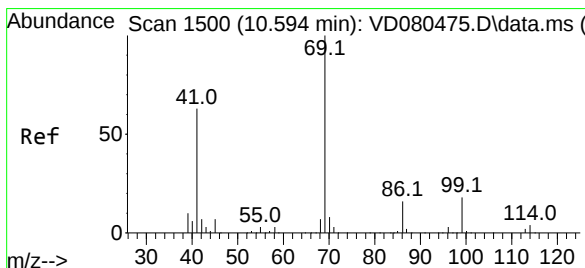
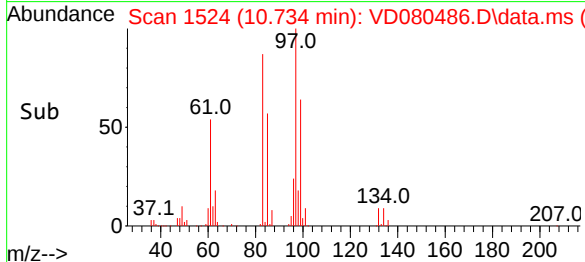
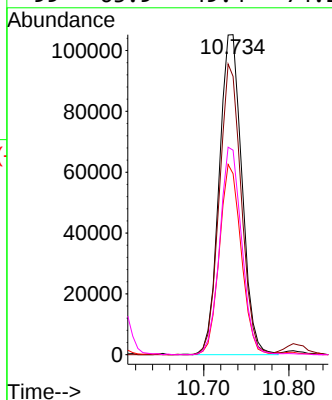
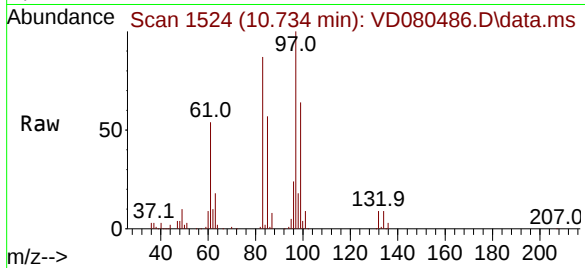


#55
1,1,2-Trichloroethane
Concen: 51.910 ug/l
RT: 10.734 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 195790

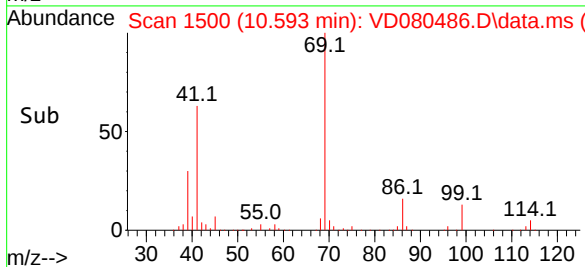
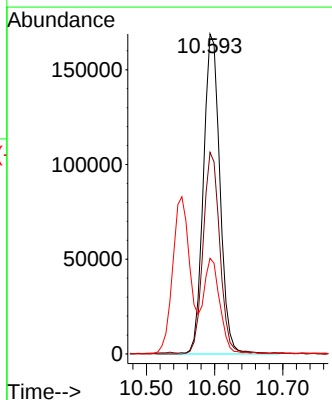
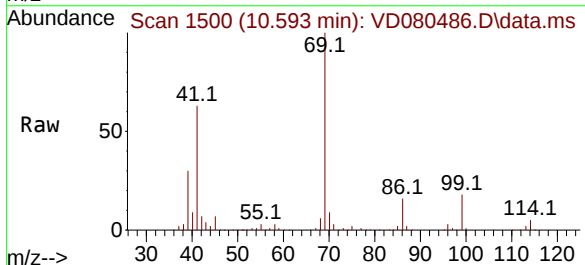
Ion	Ratio	Lower	Upper
97	100		
83	86.8	71.4	107.2
85	56.6	43.4	65.2
99	63.9	49.4	74.2

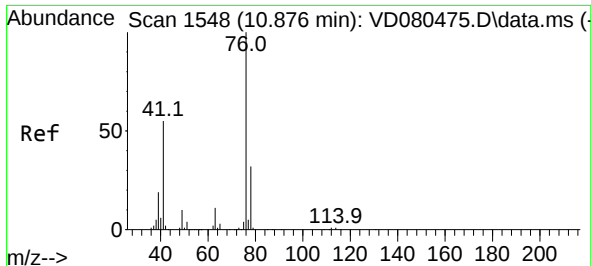


#56
Ethyl methacrylate
Concen: 52.914 ug/l
RT: 10.593 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 69 Resp: 284871

Ion	Ratio	Lower	Upper
69	100		
41	63.1	50.7	76.1
39	28.9	23.4	35.2





#57

1,3-Dichloropropane

Concen: 52.638 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

Instrument :

MSVOA_D

ClientSampleId :

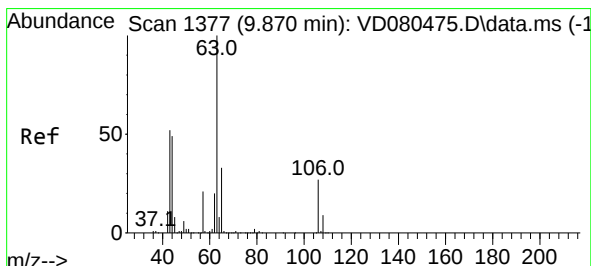
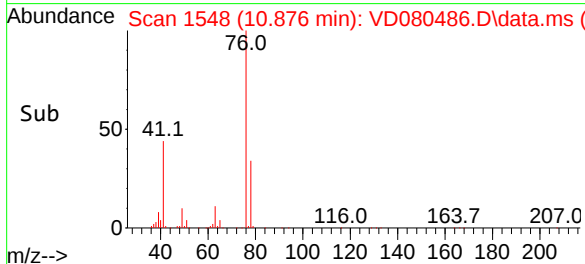
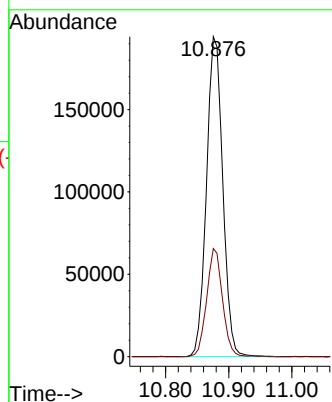
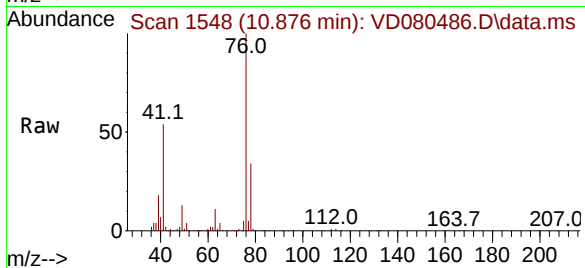
VSTDCCC050EC

Tgt Ion: 76 Resp: 347368

Ion Ratio Lower Upper

76 100

78 32.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 252.689 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080486.D

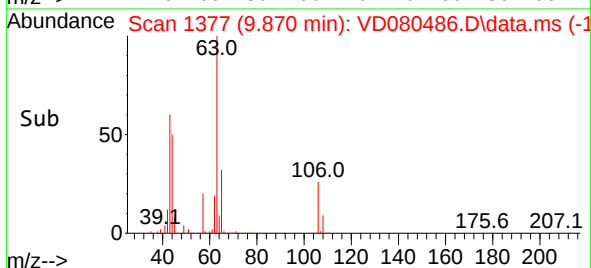
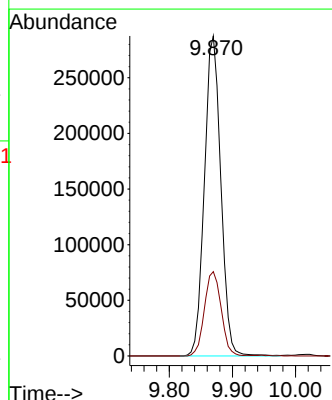
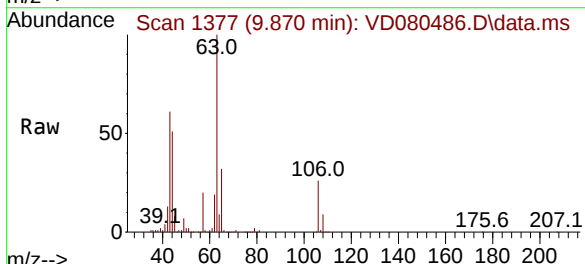
Acq: 26 Jun 2025 17:42

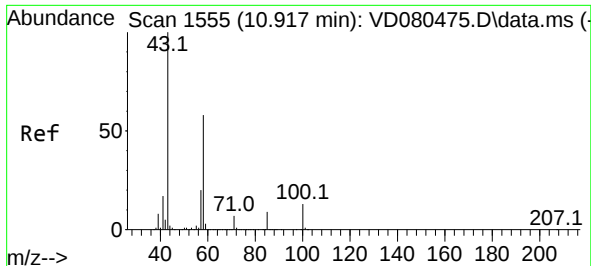
Tgt Ion: 63 Resp: 519561

Ion Ratio Lower Upper

63 100

106 26.9 21.7 32.5

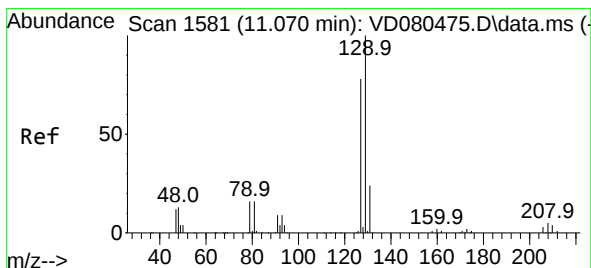
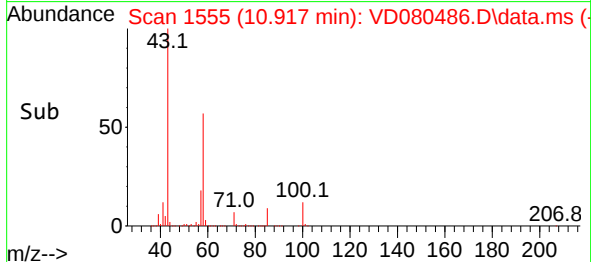
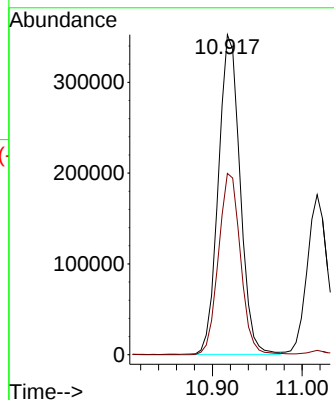
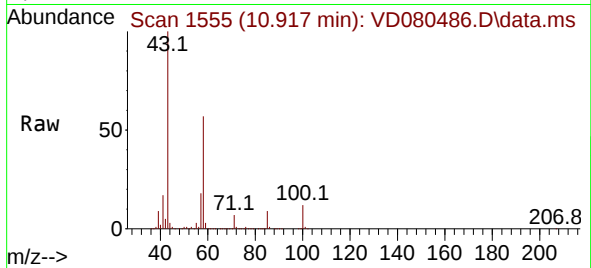




#59
2-Hexanone
Concen: 257.896 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

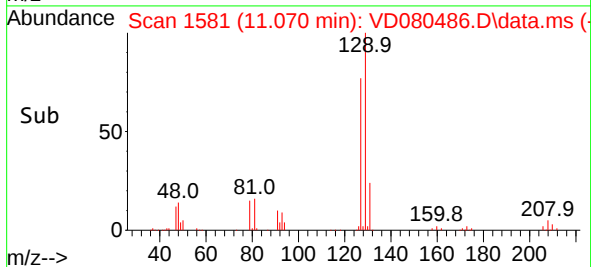
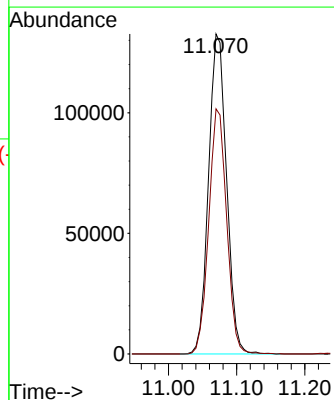
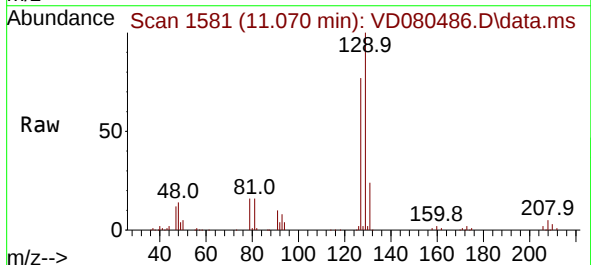
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

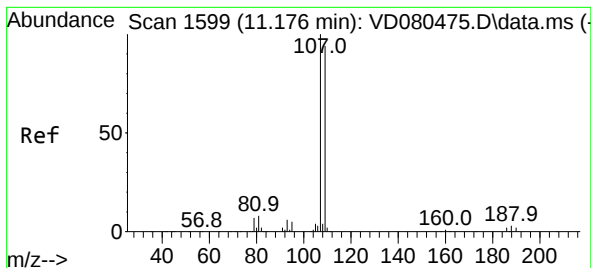
Tgt Ion: 43 Resp: 591048
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.1



#60
Dibromochloromethane
Concen: 52.265 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 129 Resp: 243308
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2

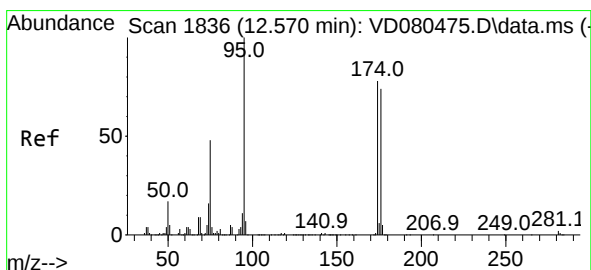
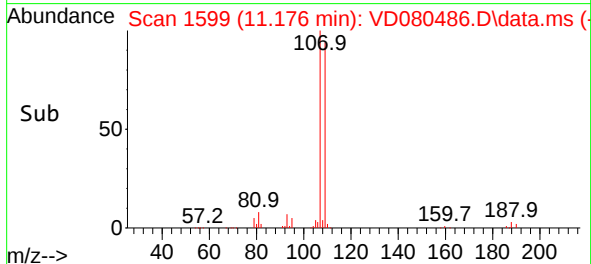
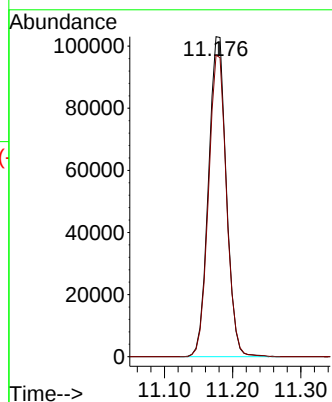
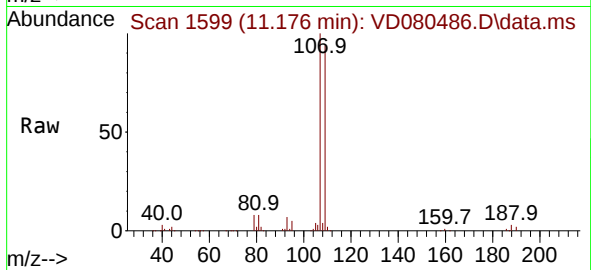




#61
1,2-Dibromoethane
Concen: 52.060 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

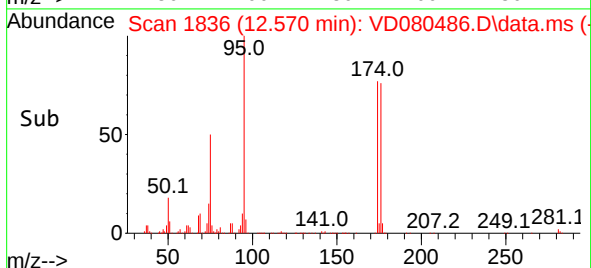
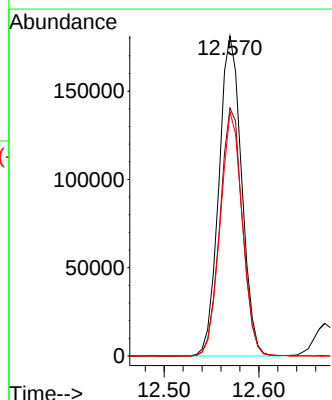
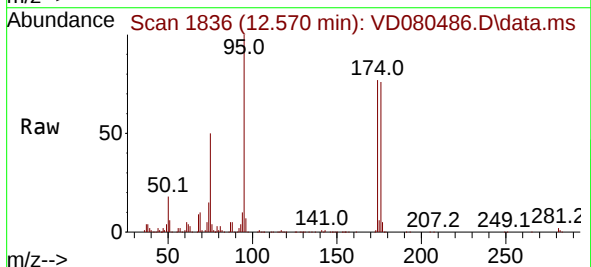
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

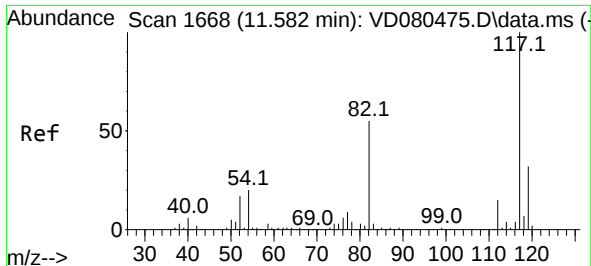
Tgt Ion:107 Resp: 187747
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 53.428 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 95 Resp: 302093
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.0
176 74.2 0.0 149.6

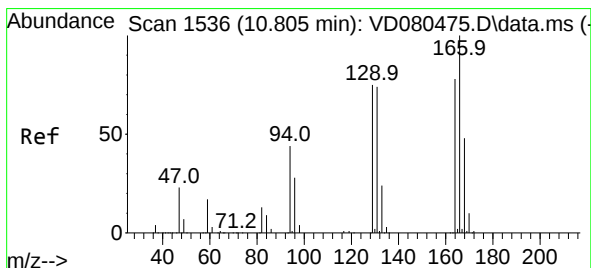
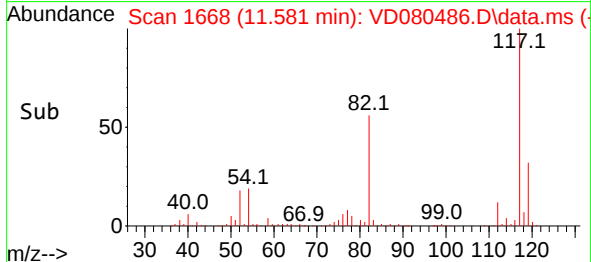
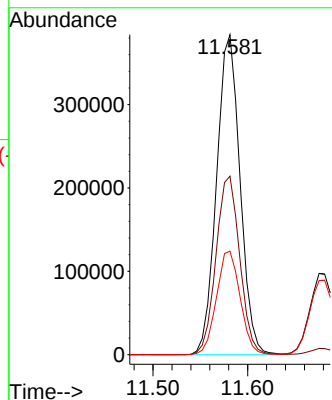
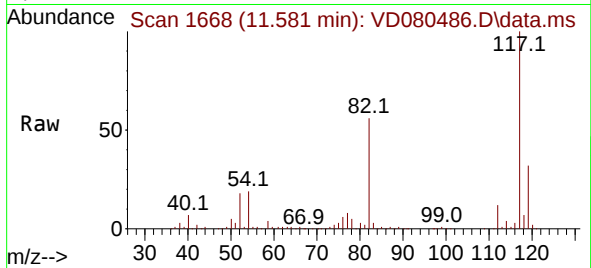




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

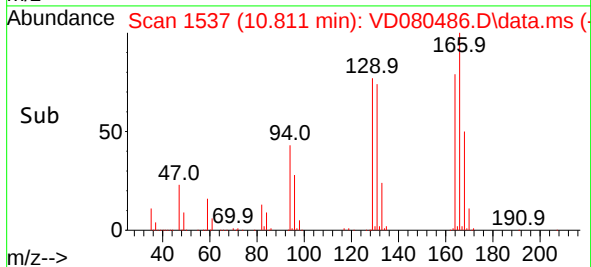
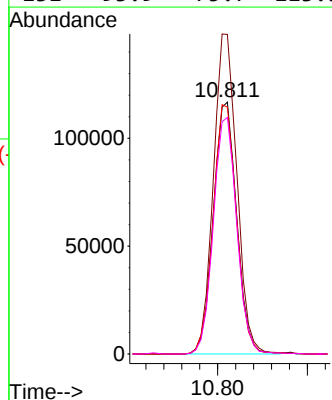
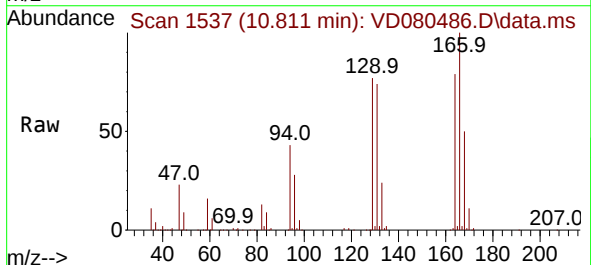
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

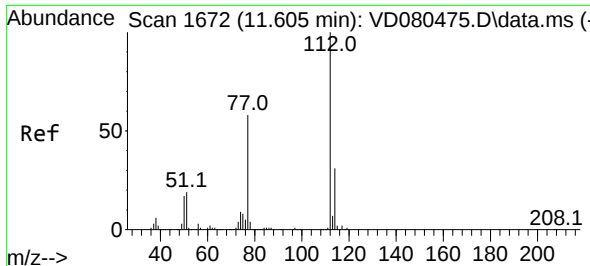
Tgt Ion:117 Resp: 661890
Ion Ratio Lower Upper
117 100
82 55.8 43.7 65.5
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 51.478 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion:164 Resp: 211478
Ion Ratio Lower Upper
164 100
166 126.9 102.6 153.8
129 98.0 76.6 115.0
131 93.9 75.7 113.5

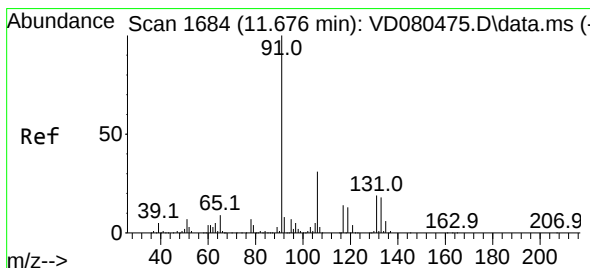
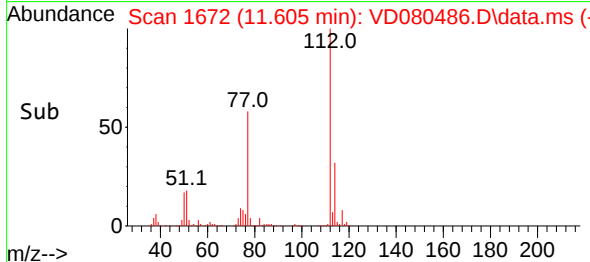
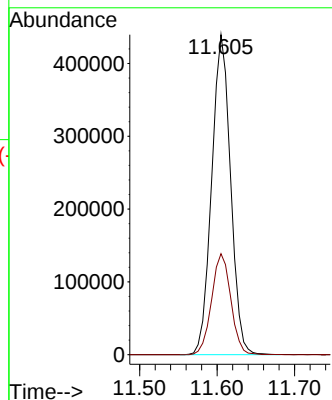
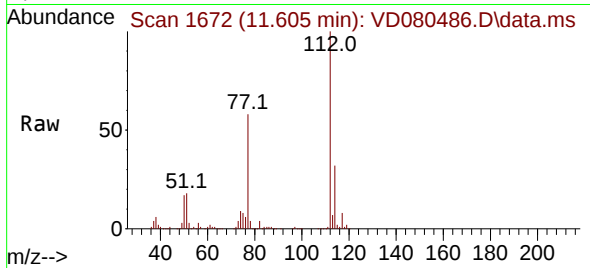




#65
Chlorobenzene
Concen: 52.109 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

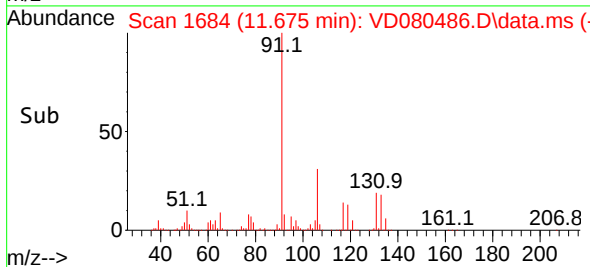
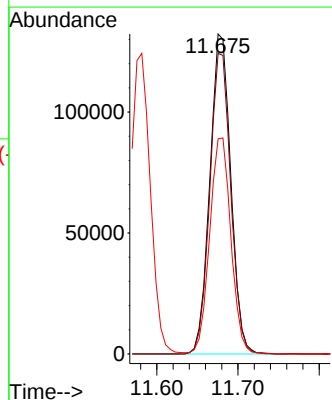
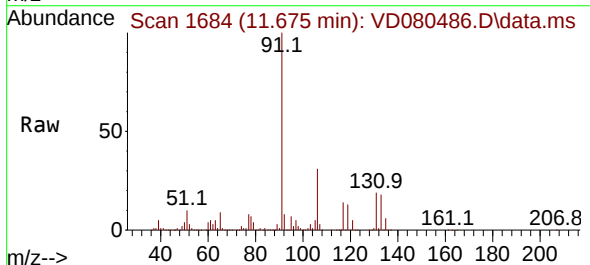
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

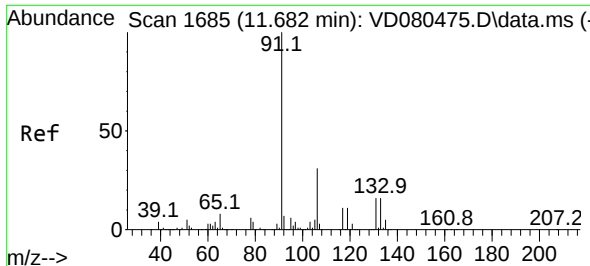
Tgt Ion:112 Resp: 743882
Ion Ratio Lower Upper
112 100
114 31.5 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.745 ug/l
RT: 11.675 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion:131 Resp: 236639
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.8
119 68.4 34.9 104.7

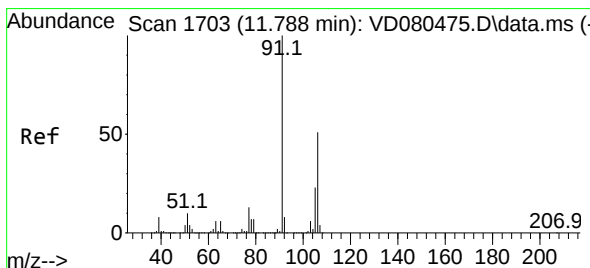
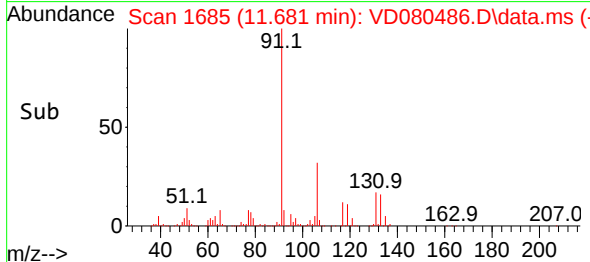
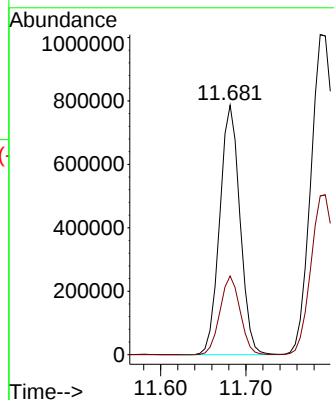
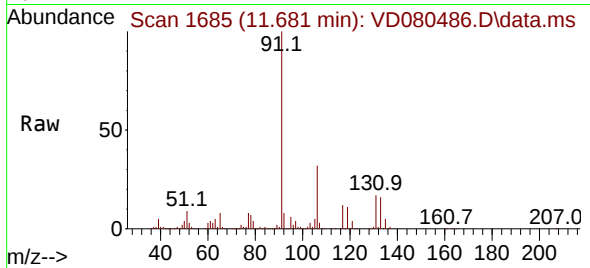




#67
Ethyl Benzene
Concen: 52.006 ug/l
RT: 11.681 min Scan# 11685
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

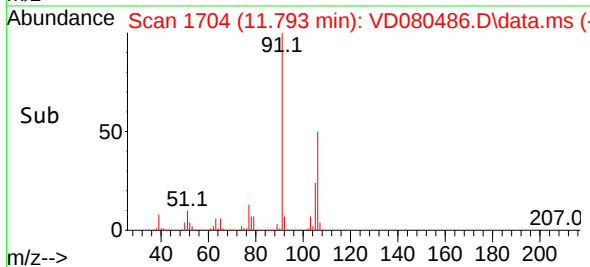
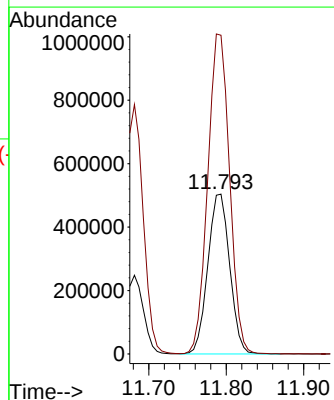
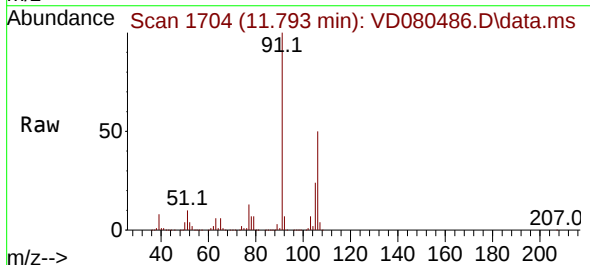
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

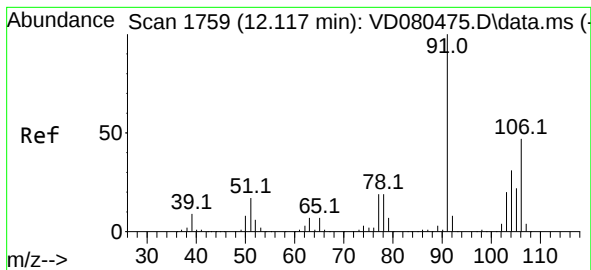
Tgt Ion: 91 Resp: 1298514
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



#68
m/p-Xylenes
Concen: 103.974 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion:106 Resp: 988566
Ion Ratio Lower Upper
106 100
91 200.2 159.9 239.9





#69

o-Xylene

Concen: 52.003 ug/l

RT: 12.117 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

Instrument :

MSVOA_D

ClientSampleId :

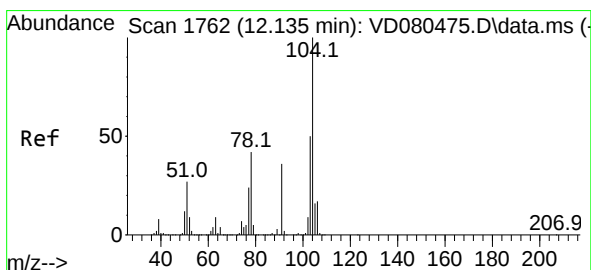
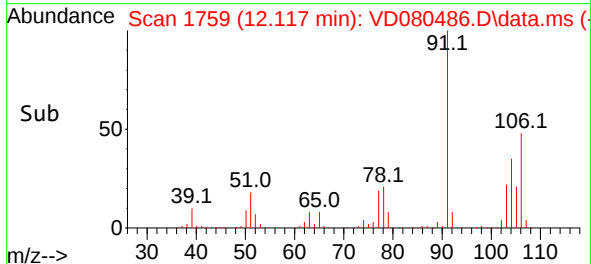
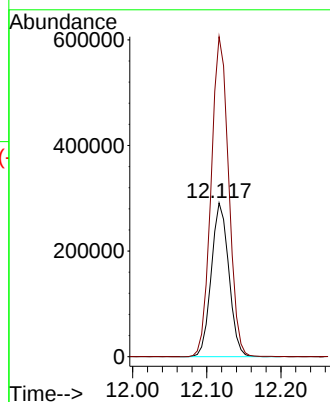
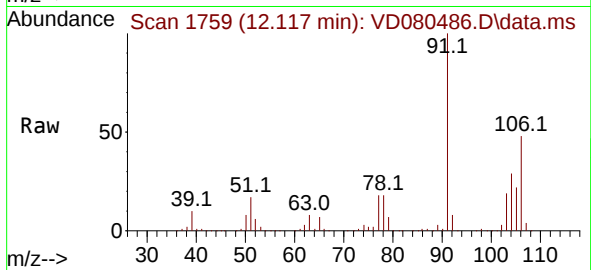
VSTDCCC050EC

Tgt Ion:106 Resp: 477121

Ion Ratio Lower Upper

106 100

91 209.3 106.5 319.6



#70

Styrene

Concen: 52.400 ug/l

RT: 12.134 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

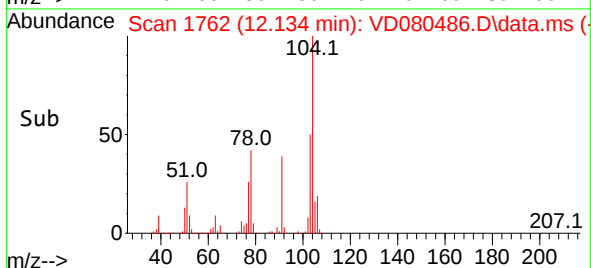
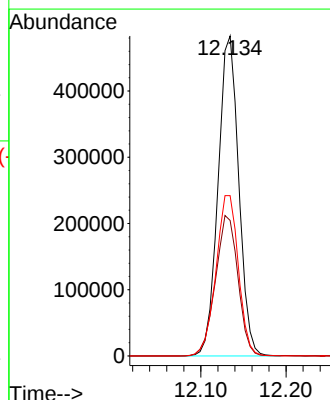
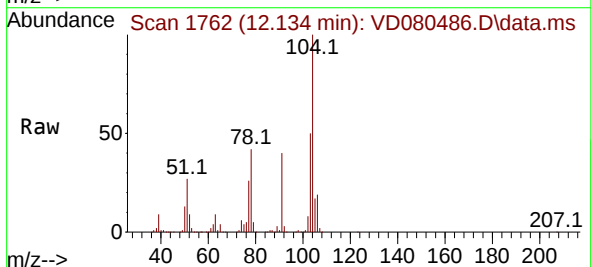
Tgt Ion:104 Resp: 813194

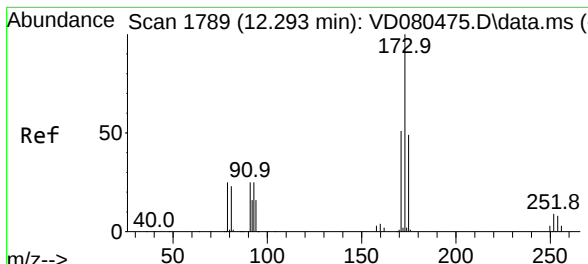
Ion Ratio Lower Upper

104 100

78 47.9 38.5 57.7

103 54.5 44.1 66.1

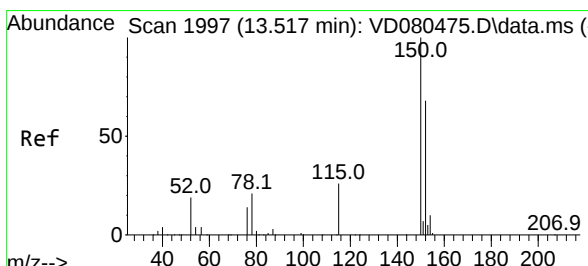
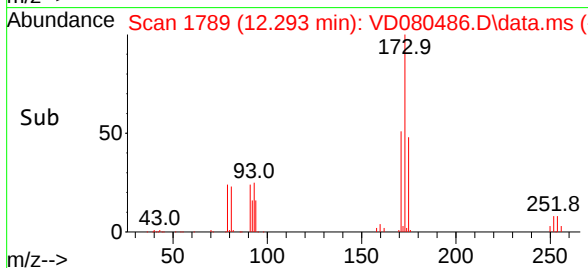
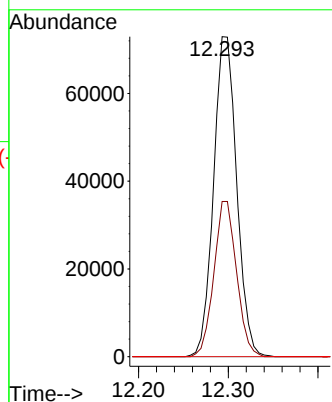
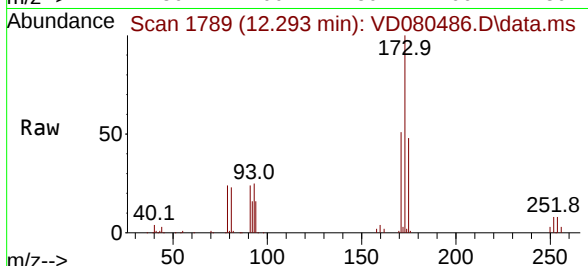




#71
Bromoform
Concen: 51.140 ug/l
RT: 12.293 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

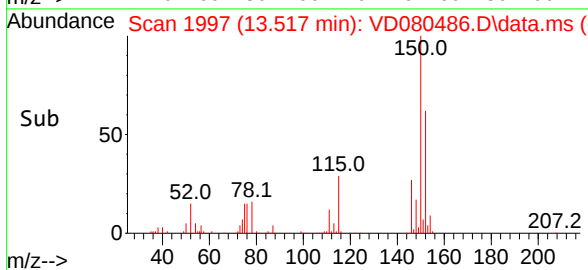
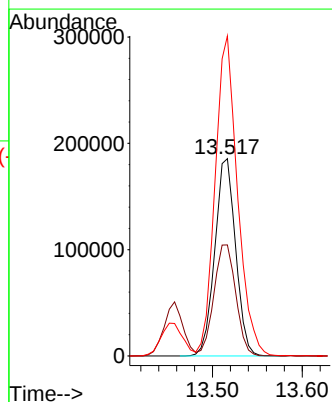
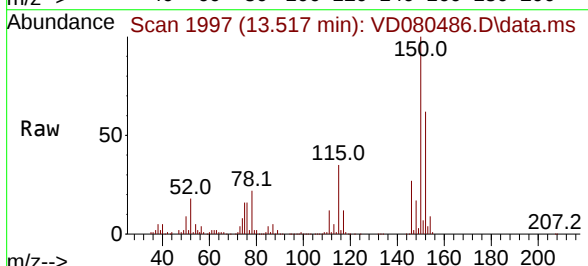
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

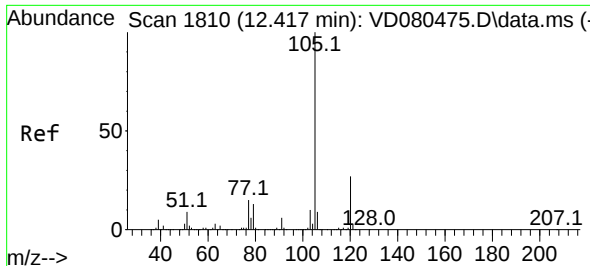
Tgt Ion:173 Resp: 130672
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion:152 Resp: 299012
Ion Ratio Lower Upper
152 100
115 59.3 30.2 90.6
150 174.2 0.0 350.2

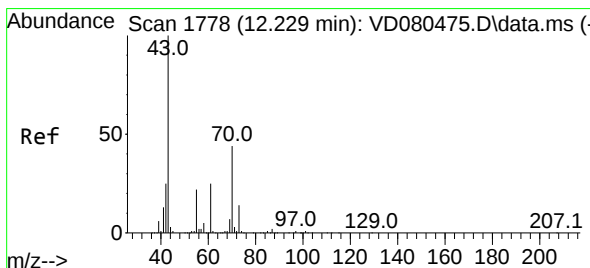
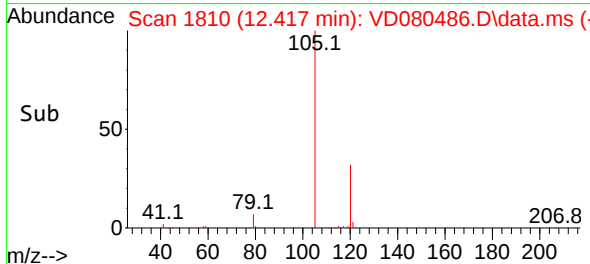
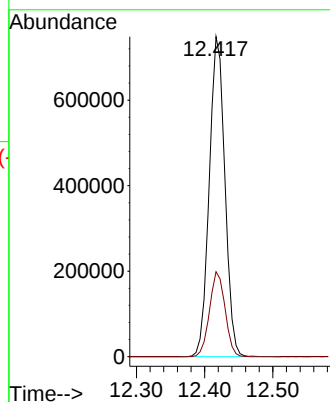
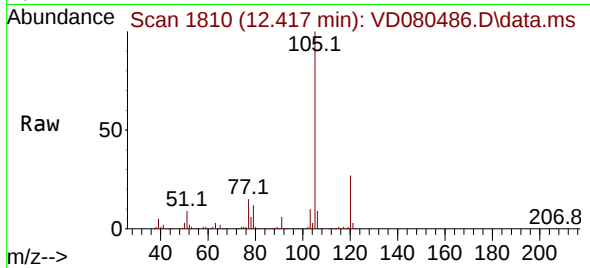




#73
Isopropylbenzene
Concen: 51.361 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

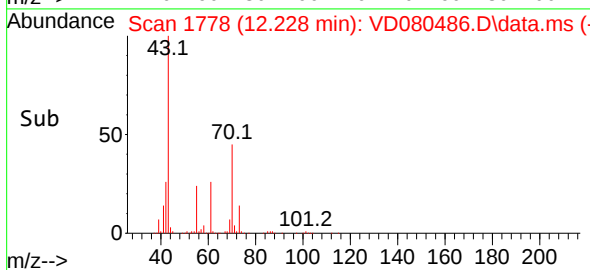
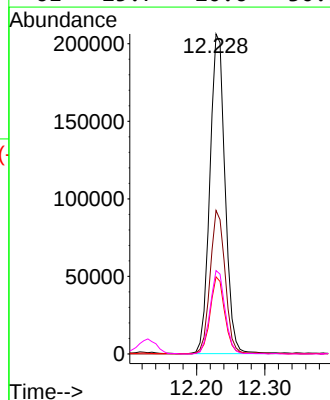
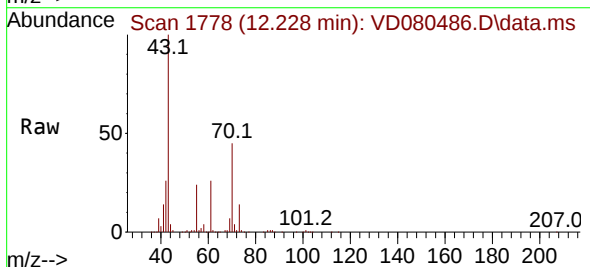
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

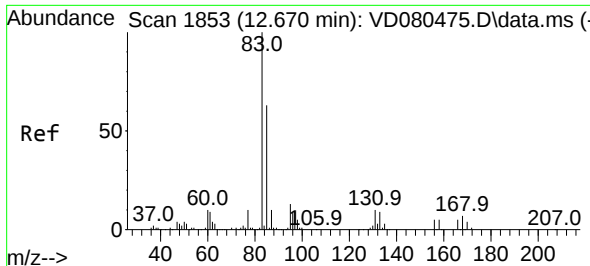
Tgt Ion:105 Resp: 1193847
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 52.563 ug/l
RT: 12.228 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 43 Resp: 319915
Ion Ratio Lower Upper
43 100
70 44.5 35.4 53.2
55 23.0 18.8 28.2
61 25.7 20.6 30.8

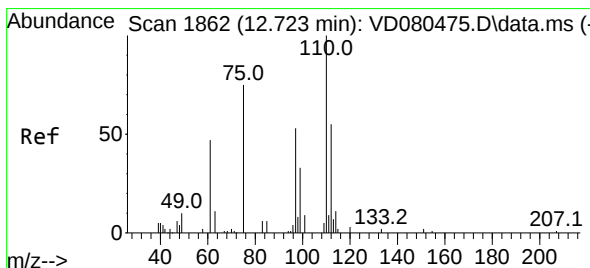
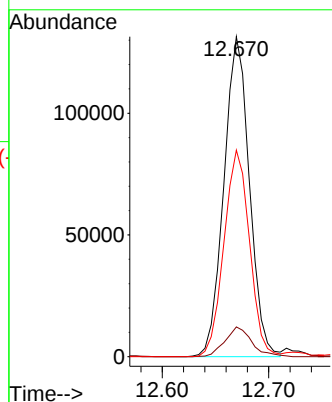
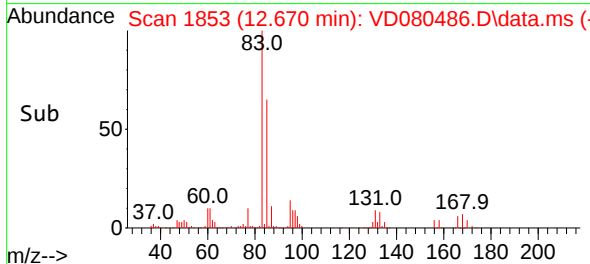
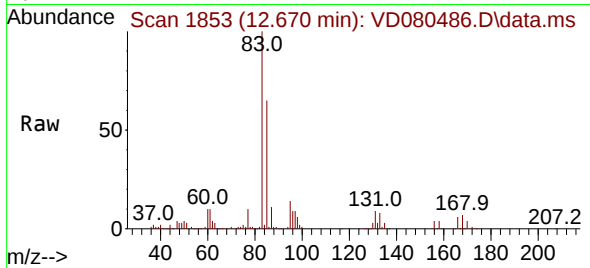




#75
 1,1,2-Tetrachloroethane
 Concen: 50.533 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

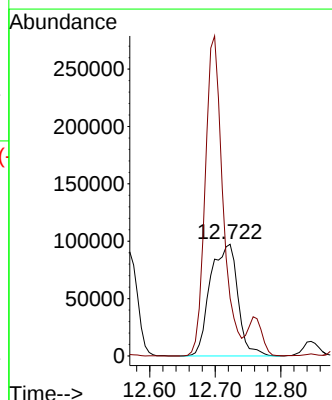
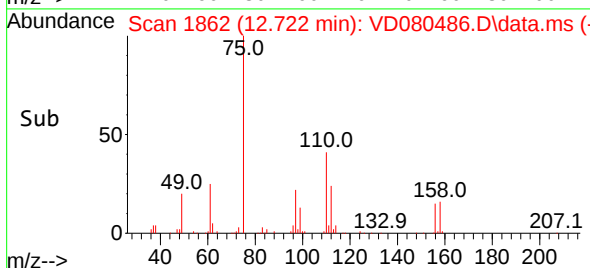
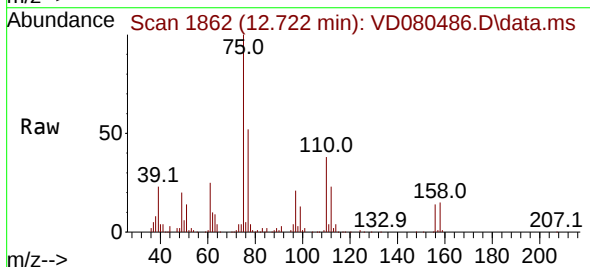
Instrument :
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 VSTDCCC050EC

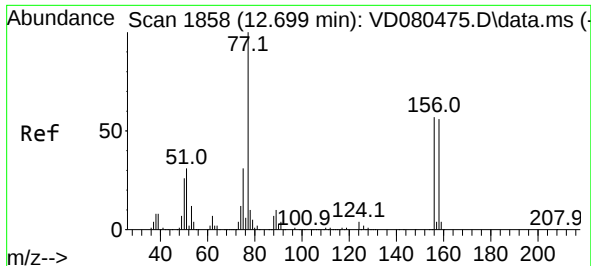
Tgt Ion: 83 Resp: 218718
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.3
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 111.459 ug/l
 RT: 12.722 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

Tgt Ion: 75 Resp: 283304
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

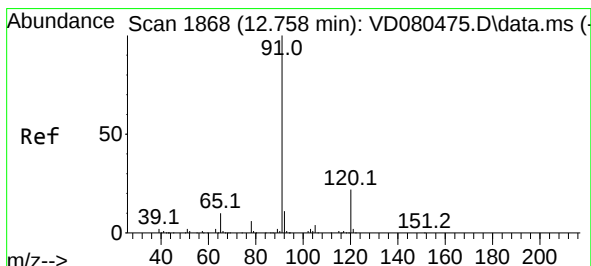
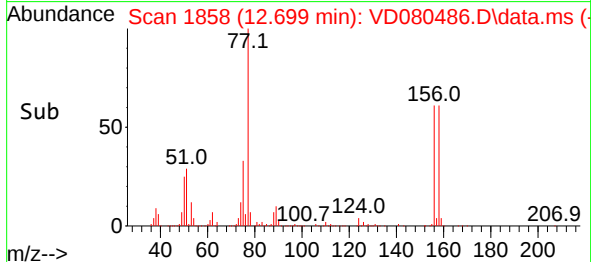
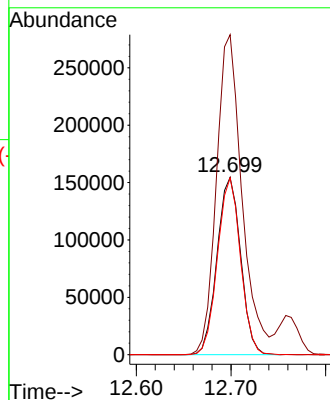
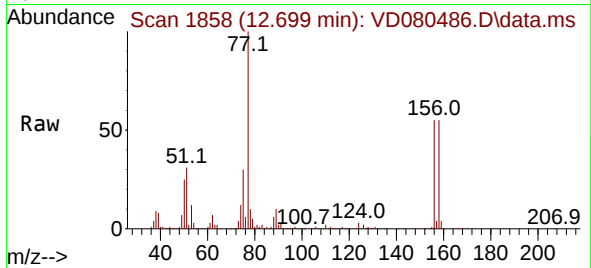




#77
Bromobenzene
Concen: 51.468 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

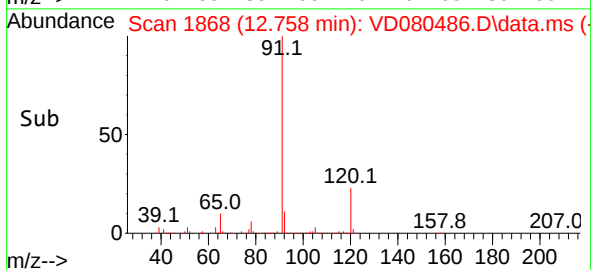
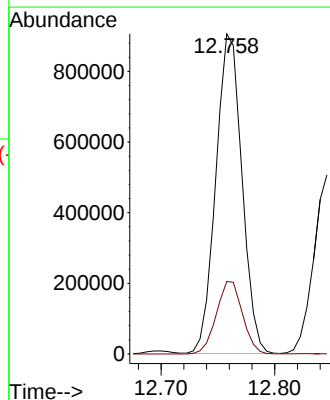
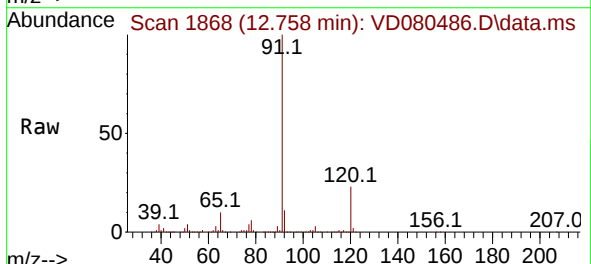
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

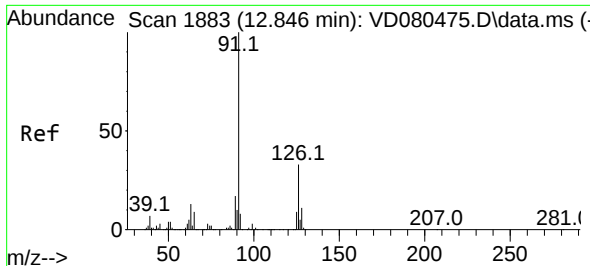
Tgt Ion:156 Resp: 267540
Ion Ratio Lower Upper
156 100
77 195.4 97.3 291.8
158 97.1 48.5 145.6



#78
n-propylbenzene
Concen: 51.690 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 91 Resp: 1446347
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9

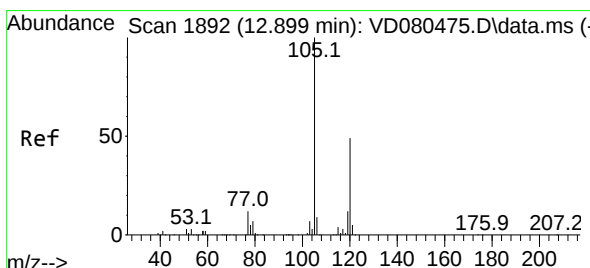
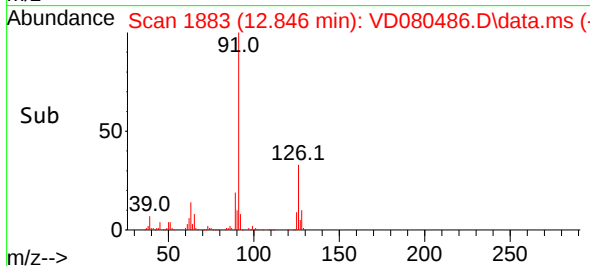
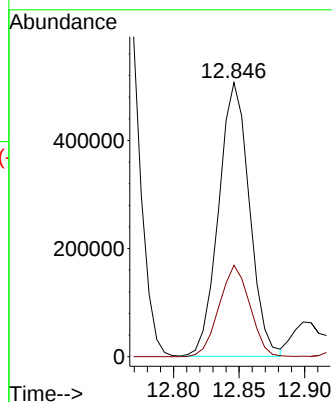
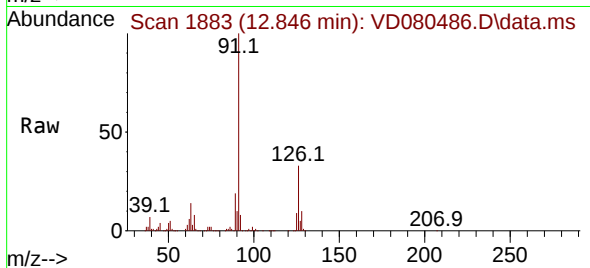




#79
2-Chlorotoluene
Concen: 51.452 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

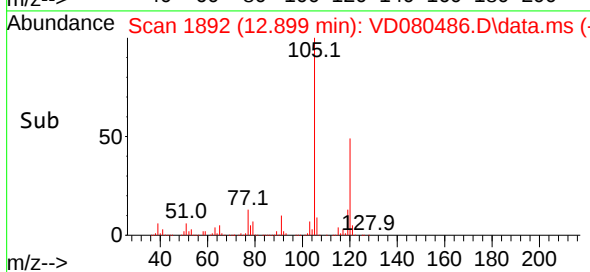
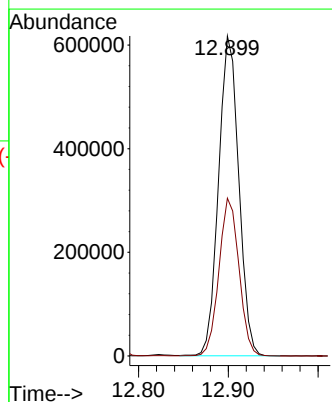
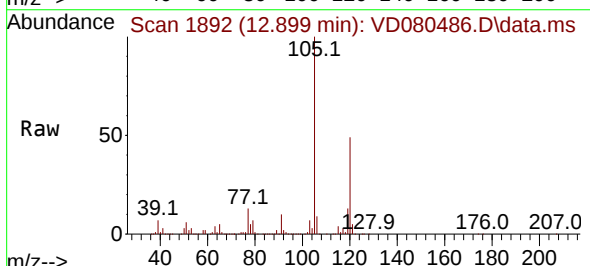
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

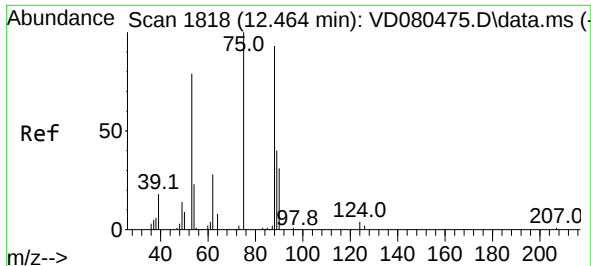
Tgt Ion: 91 Resp: 828008
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 51.182 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 105 Resp: 964754
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

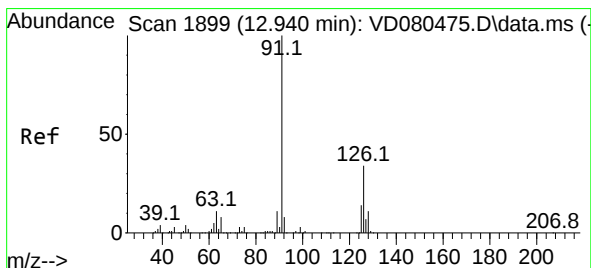
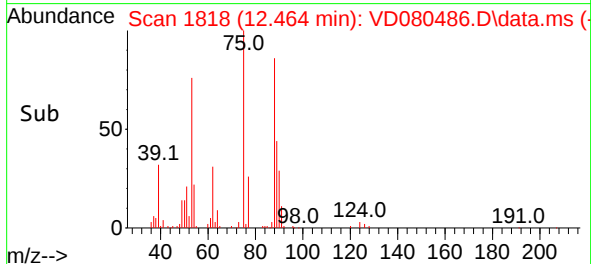
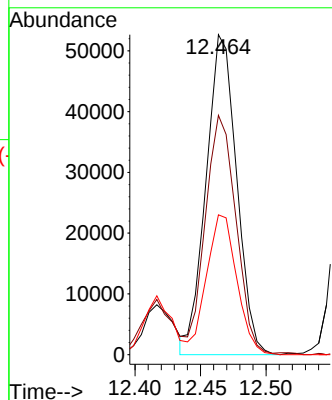
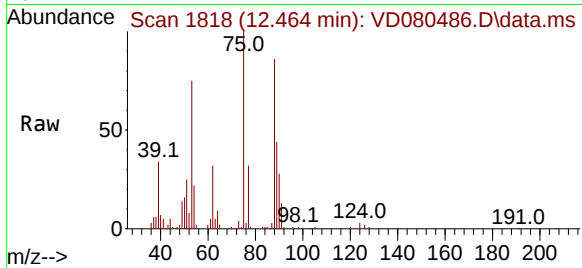




#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.032 ug/l
 RT: 12.464 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

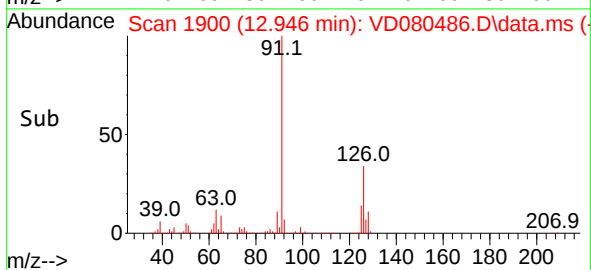
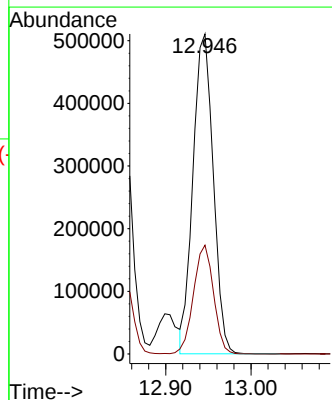
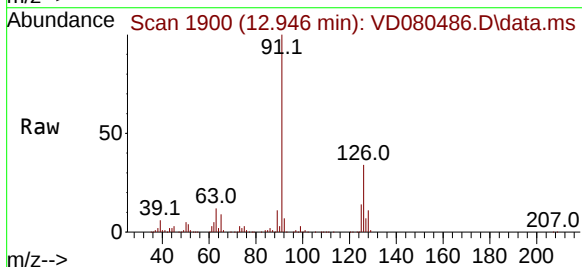
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

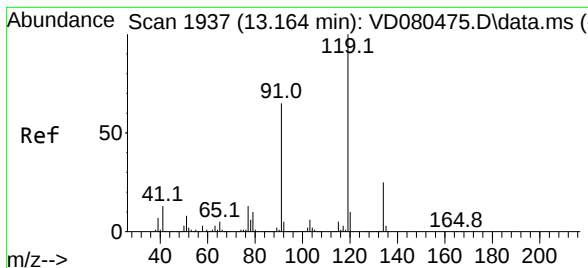
Tgt Ion: 75 Resp: 85580
 Ion Ratio Lower Upper
 75 100
 53 74.7 61.5 92.3
 89 43.1 33.0 49.6



#82
 4-Chlorotoluene
 Concen: 50.921 ug/l
 RT: 12.946 min Scan# 1900
 Delta R.T. 0.005 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

Tgt Ion: 91 Resp: 841704
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.0 50.9



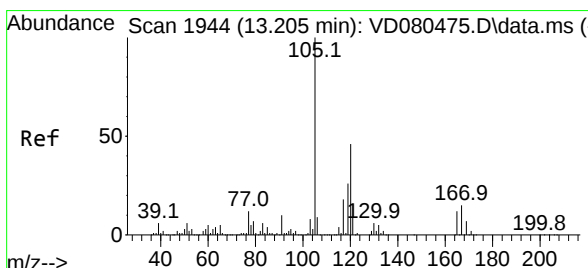
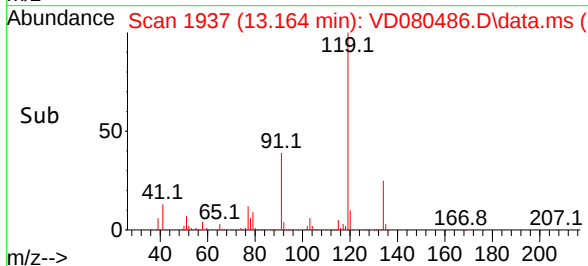
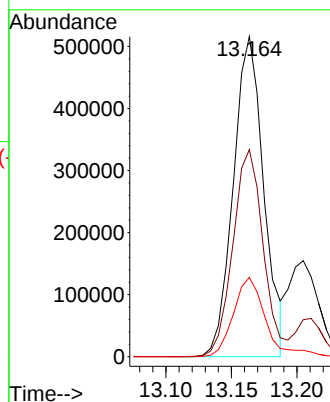
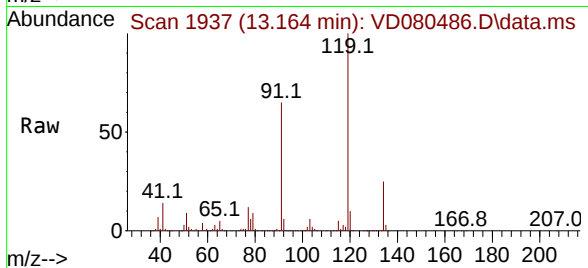


#83
 tert-Butylbenzene
 Concen: 50.590 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. -0.000 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 834068

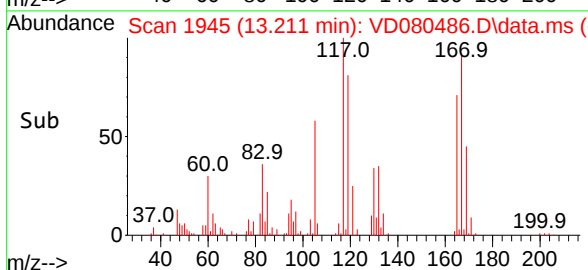
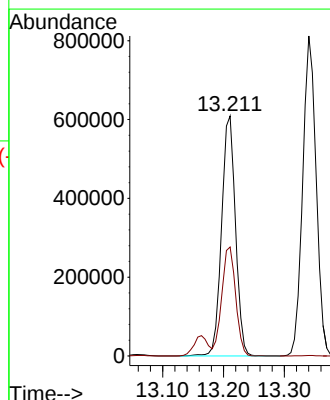
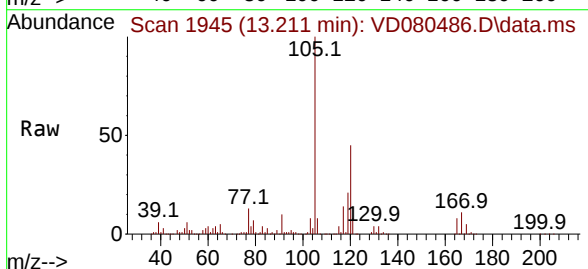
Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.4	97.2
134	26.2	13.1	39.3

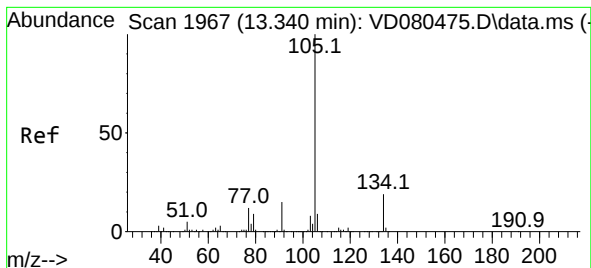


#84
 1,2,4-Trimethylbenzene
 Concen: 51.271 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

Tgt Ion:105 Resp: 964829

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.8	68.3





#85

sec-Butylbenzene

Concen: 51.131 ug/l

RT: 13.340 min Scan# 1967

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

Instrument :

MSVOA_D

ClientSampleId :

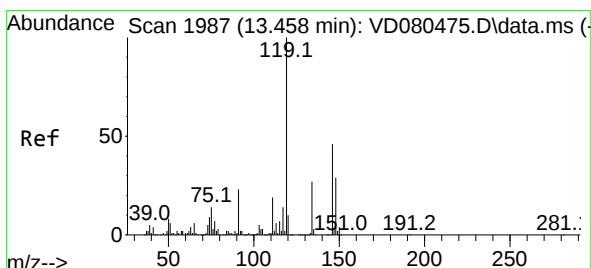
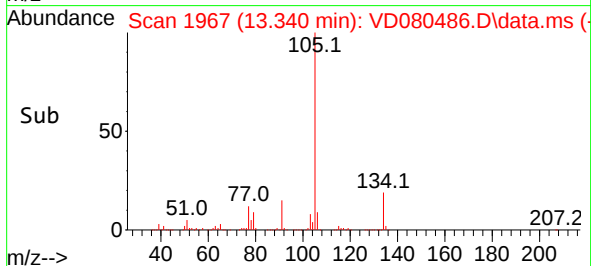
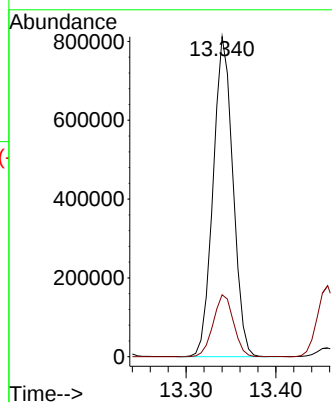
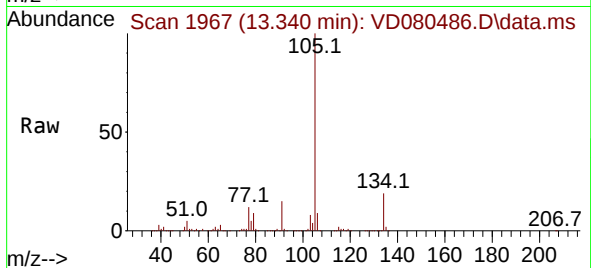
VSTDCCC050EC

Tgt Ion:105 Resp: 1245102

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 50.285 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

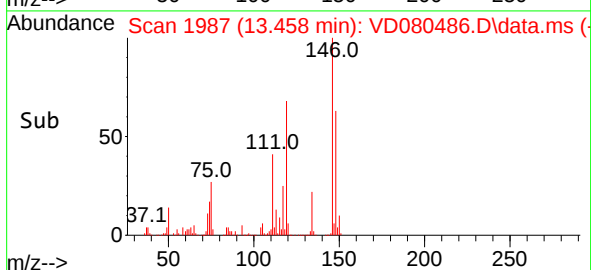
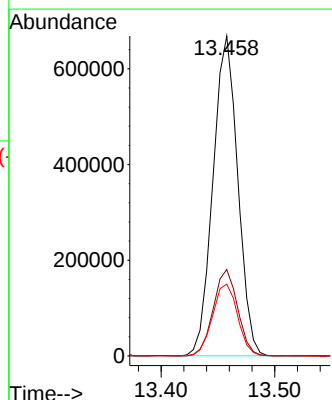
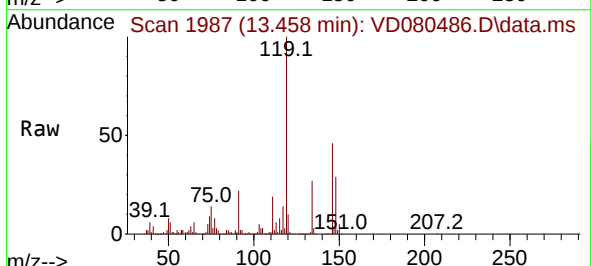
Tgt Ion:119 Resp: 1013314

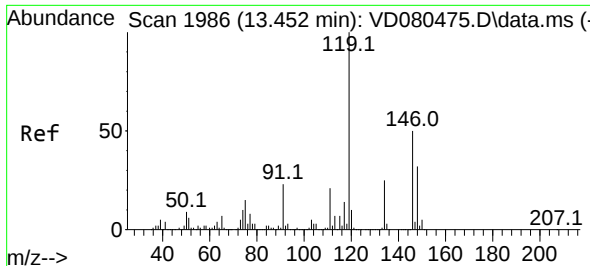
Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

91 22.8 11.5 34.5

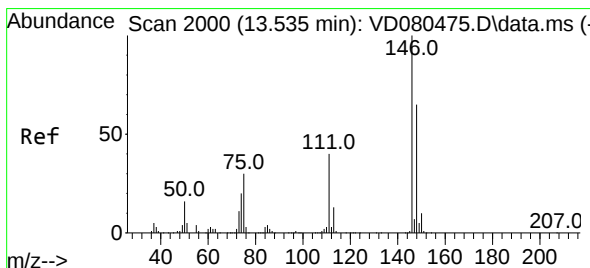
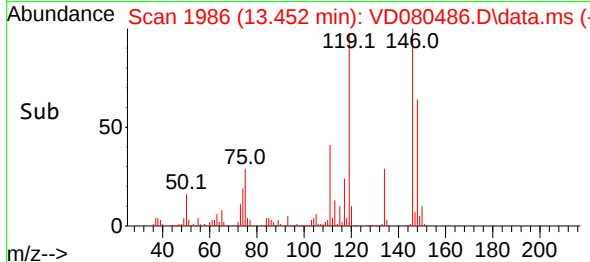
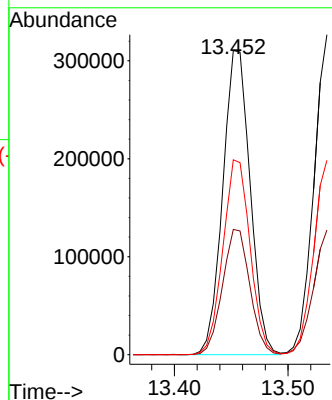
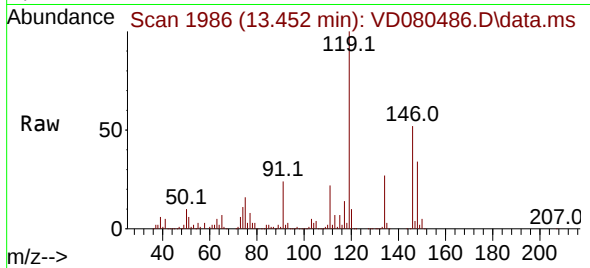




#87
1,3-Dichlorobenzene
Concen: 51.707 ug/l
RT: 13.452 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

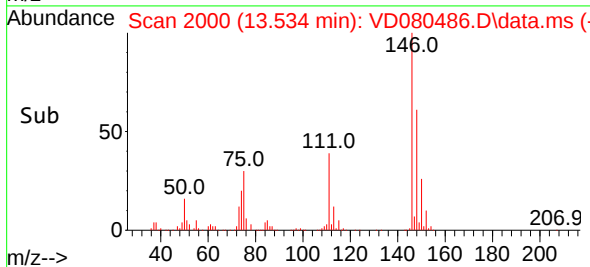
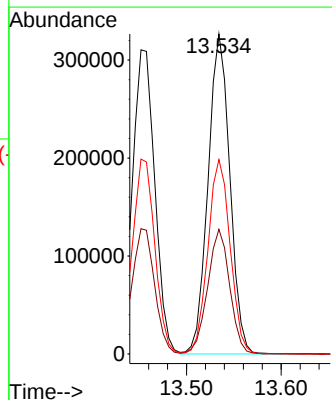
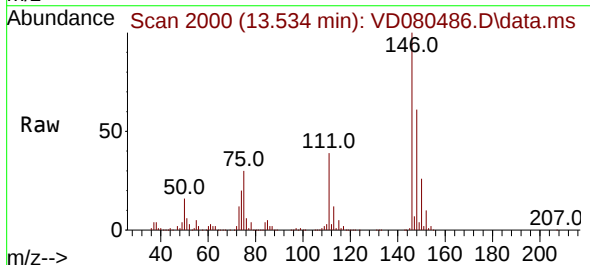
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

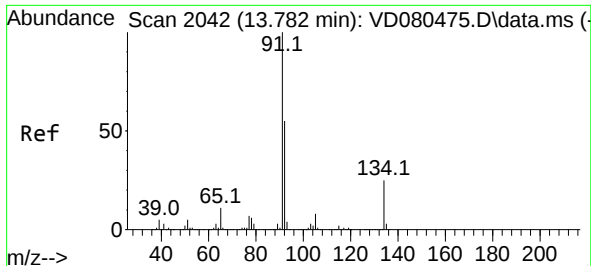
Tgt Ion:146 Resp: 519831
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 63.7 31.5 94.5



#88
1,4-Dichlorobenzene
Concen: 51.991 ug/l
RT: 13.534 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion:146 Resp: 521732
Ion Ratio Lower Upper
146 100
111 39.2 20.0 60.0
148 62.0 32.1 96.3

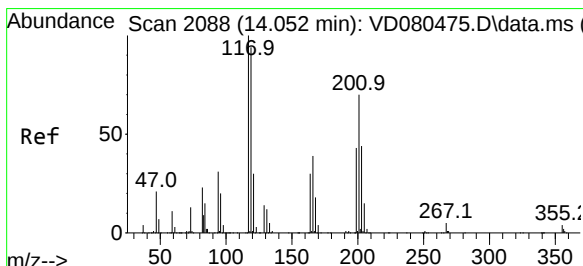
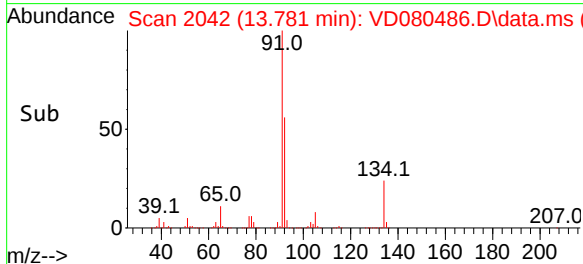
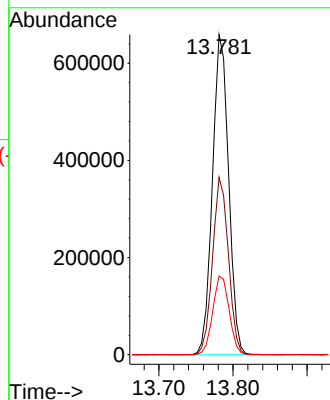
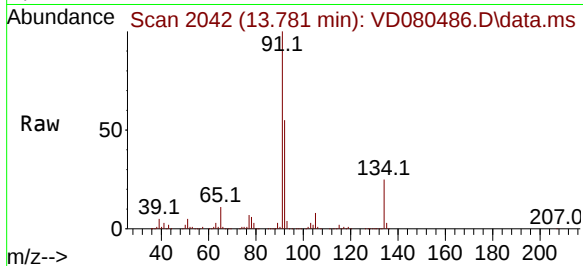




#89
n-Butylbenzene
Concen: 51.550 ug/l
RT: 13.781 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

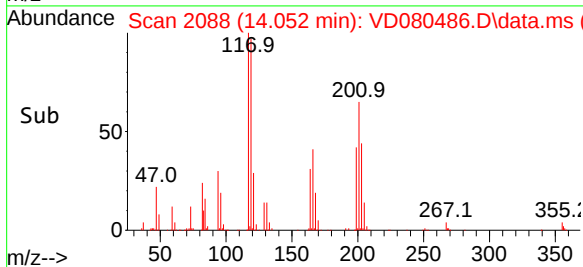
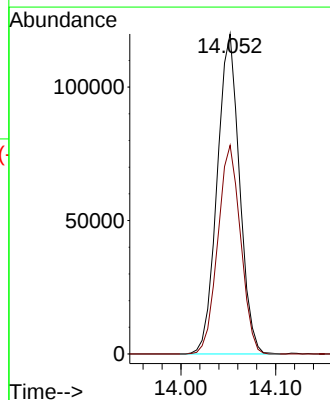
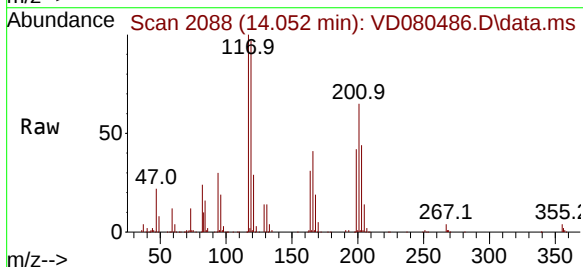
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

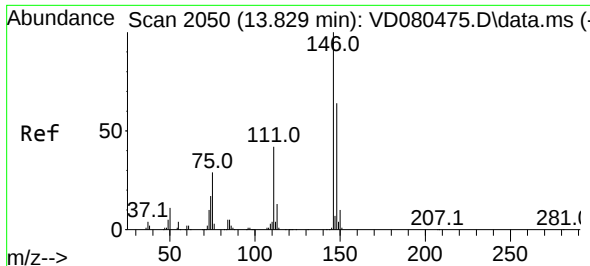
Tgt Ion: 91 Resp: 997001
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.0
134 25.0 12.6 37.8



#90
Hexachloroethane
Concen: 50.446 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion: 117 Resp: 196407
Ion Ratio Lower Upper
117 100
201 66.4 34.2 102.5

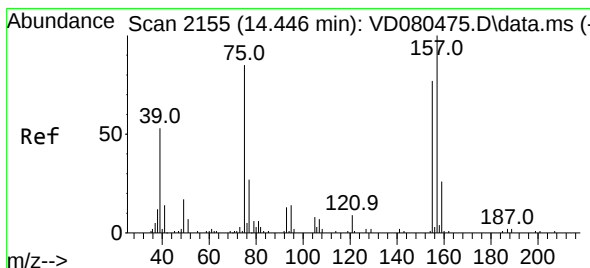
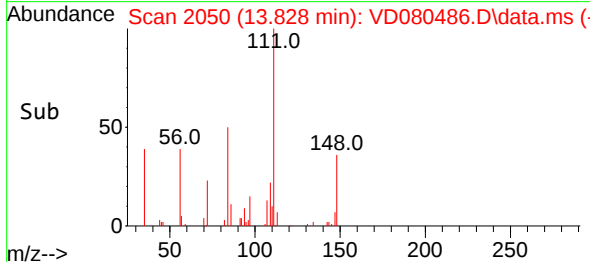
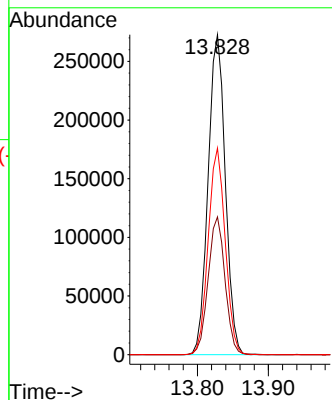
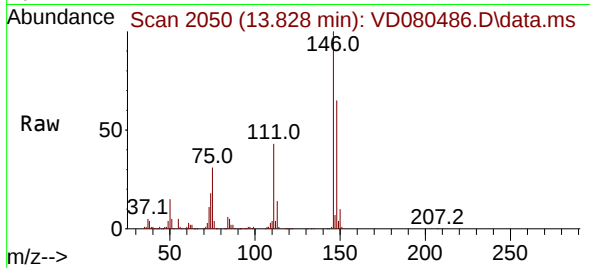




#91
 1,2-Dichlorobenzene
 Concen: 51.891 ug/l
 RT: 13.828 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

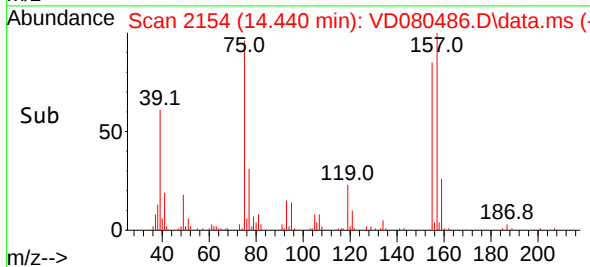
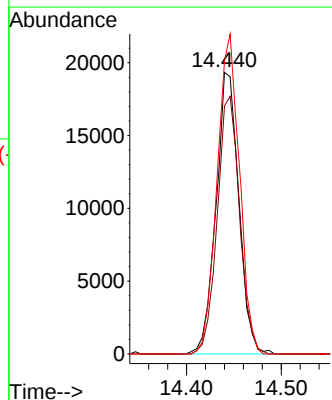
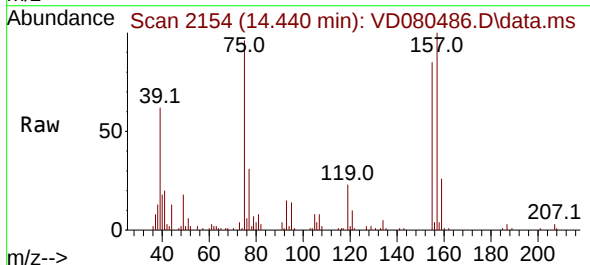
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

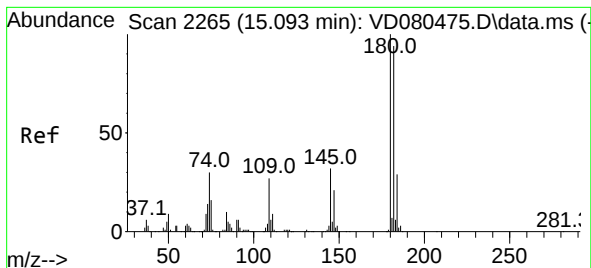
Tgt Ion:146 Resp: 459201
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.7
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.613 ug/l
 RT: 14.440 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: VD080486.D
 Acq: 26 Jun 2025 17:42

Tgt Ion: 75 Resp: 32387
 Ion Ratio Lower Upper
 75 100
 155 89.4 45.6 136.8
 157 111.3 58.6 175.8





#93

1,2,4-Trichlorobenzene

Concen: 51.968 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

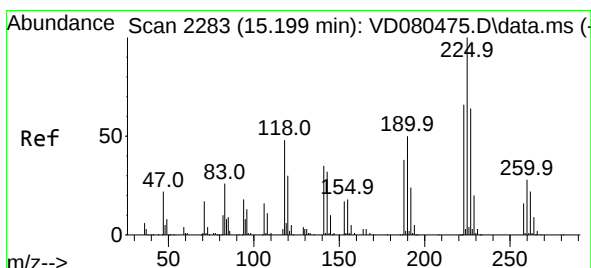
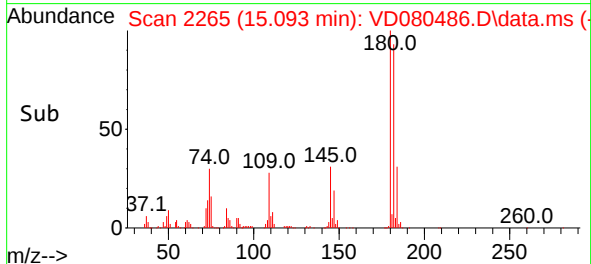
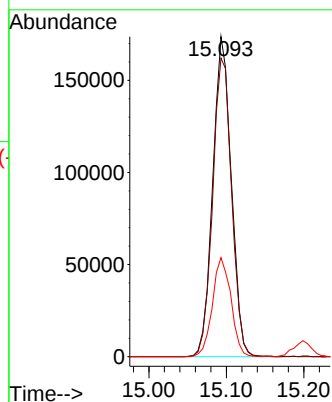
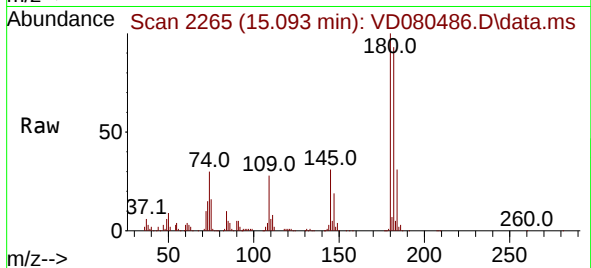
Tgt Ion:180 Resp: 288146

Ion Ratio Lower Upper

180 100

182 95.4 46.8 140.4

145 31.0 16.0 47.9



#94

Hexachlorobutadiene

Concen: 48.793 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. -0.000 min

Lab File: VD080486.D

Acq: 26 Jun 2025 17:42

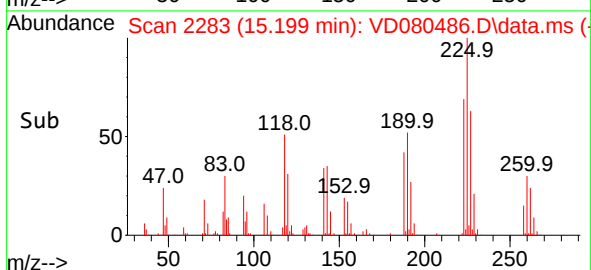
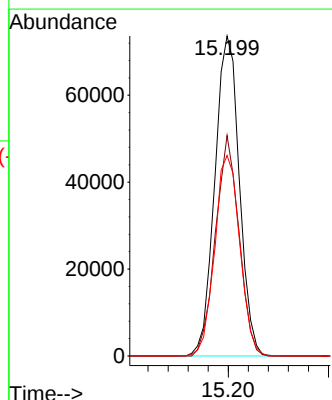
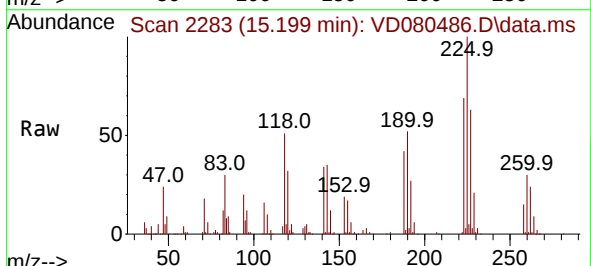
Tgt Ion:225 Resp: 124892

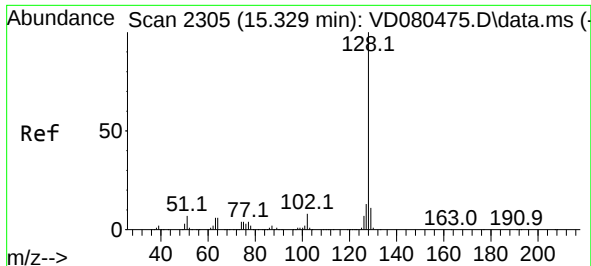
Ion Ratio Lower Upper

225 100

223 65.8 31.4 94.2

227 64.0 31.8 95.3

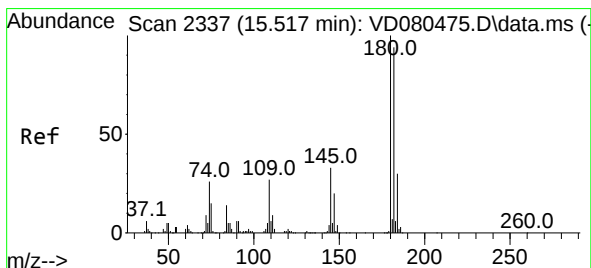
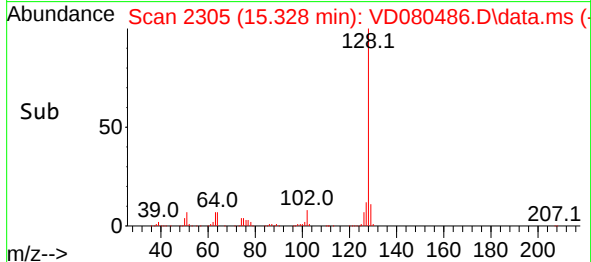
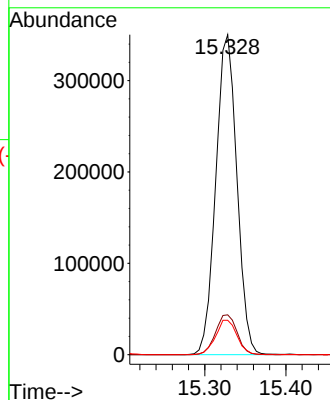
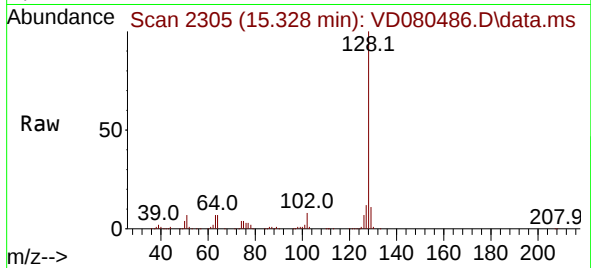




#95
Naphthalene
Concen: 51.290 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 631904
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.795 ug/l
RT: 15.516 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080486.D
Acq: 26 Jun 2025 17:42

Tgt Ion:180 Resp: 251703
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 33.5 16.7 50.1

