

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080475.D
 Acq On : 26 Jun 2025 11:21
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 27 05:00:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 04:51:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	489889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	891456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	783793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	346145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	259850	54.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.220%	
35) Dibromofluoromethane	7.805	113	271375	54.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.720%	
50) Toluene-d8	10.270	98	1087482	53.926	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.860%	
62) 4-Bromofluorobenzene	12.570	95	349969	52.927	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	211212	48.497	ug/l	100
3) Chloromethane	2.147	50	309213	50.838	ug/l	100
4) Vinyl Chloride	2.288	62	314677	51.001	ug/l	100
5) Bromomethane	2.694	94	161730	47.426	ug/l	100
6) Chloroethane	2.841	64	198818	51.336	ug/l	100
7) Trichlorofluoromethane	3.176	101	386789	49.831	ug/l	100
8) Diethyl Ether	3.594	74	159432	52.767	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	254591	49.582	ug/l	100
10) Methyl Iodide	4.164	142	330909	54.725	ug/l	100
11) Tert butyl alcohol	5.047	59	104662	267.650	ug/l	100
12) 1,1-Dichloroethene	3.941	96	276317	49.838	ug/l	100
13) Acrolein	3.794	56	135147	253.613	ug/l	100
14) Allyl chloride	4.559	41	497941	51.292	ug/l	100
15) Acrylonitrile	5.247	53	379345	263.882	ug/l	100
16) Acetone	4.023	43	284459	229.242	ug/l	100
17) Carbon Disulfide	4.276	76	911988	52.088	ug/l	100
18) Methyl Acetate	4.559	43	197837	52.416	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	717129	52.047	ug/l	100
20) Methylene Chloride	4.806	84	342805	50.060	ug/l	100
21) trans-1,2-Dichloroethene	5.311	96	310773	50.253	ug/l	100
22) Diisopropyl ether	6.217	45	961046	51.271	ug/l	100
23) Vinyl Acetate	6.153	43	2822112	264.222	ug/l	100
24) 1,1-Dichloroethane	6.111	63	555589	50.514	ug/l	100
25) 2-Butanone	7.076	43	451725	248.030	ug/l	100
26) 2,2-Dichloropropane	7.070	77	436831	50.189	ug/l	100
27) cis-1,2-Dichloroethene	7.076	96	374310	50.631	ug/l	100
28) Bromochloromethane	7.423	49	223858	51.627	ug/l	100
29) Tetrahydrofuran	7.447	42	304909	265.741	ug/l	100
30) Chloroform	7.600	83	532234	50.552	ug/l	100
31) Cyclohexane	7.876	56	515573	48.377	ug/l	100
32) 1,1,1-Trichloroethane	7.794	97	442738	50.296	ug/l	100
36) 1,1-Dichloropropene	8.005	75	395602	50.743	ug/l	100
37) Ethyl Acetate	7.170	43	198773	52.629	ug/l	100
38) Carbon Tetrachloride	7.988	117	375160	50.366	ug/l	100
39) Methylcyclohexane	9.276	83	539865	50.296	ug/l	100
40) Benzene	8.252	78	1285551	51.377	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	128469	53.048	ug/l	100
42) 1,2-Dichloroethane	8.323	62	310496	52.748	ug/l	100
43) Isopropyl Acetate	8.358	43	390094	52.312	ug/l	100
44) Trichloroethene	9.029	130	308789	50.920	ug/l	100
45) 1,2-Dichloropropane	9.305	63	315224	51.944	ug/l	100
46) Dibromomethane	9.394	93	168629	52.117	ug/l	100
47) Bromodichloromethane	9.582	83	412092	51.373	ug/l	100
48) Methyl methacrylate	9.382	41	198750	52.686	ug/l	100
49) 1,4-Dioxane	9.382	88	43205	1029.320	ug/l	100
51) 4-Methyl-2-Pentanone	10.158	43	1005367	265.491	ug/l	100
52) Toluene	10.329	92	796495	50.929	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	417058	51.910	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	501568	51.966	ug/l	100
55) 1,1,2-Trichloroethane	10.729	97	225535	51.133	ug/l	100
56) Ethyl methacrylate	10.594	69	328851	52.233	ug/l	100
57) 1,3-Dichloropropane	10.876	76	402666	52.177	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	625496	260.135	ug/l	100
59) 2-Hexanone	10.917	43	693105	258.610	ug/l	100
60) Dibromochloromethane	11.070	129	283132	52.008	ug/l	100
61) 1,2-Dibromoethane	11.176	107	221928	52.622	ug/l	100
64) Tetrachloroethene	10.805	164	243471	50.049	ug/l	100
65) Chlorobenzene	11.605	112	851415	50.366	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.676	131	269447	50.717	ug/l	100
67) Ethyl Benzene	11.682	91	1482114	50.127	ug/l	100
68) m/p-Xylenes	11.788	106	1132682	100.603	ug/l	100
69) o-Xylene	12.117	106	539944	49.697	ug/l	100
70) Styrene	12.135	104	925200	50.346	ug/l	100
71) Bromoform	12.293	173	152888	50.528	ug/l	100
73) Isopropylbenzene	12.417	105	1352049	50.246	ug/l	100
74) N-amyl acetate	12.229	43	369480	52.441	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.670	83	258255	51.543	ug/l	100
76) 1,2,3-Trichloropropane	12.723	75	337124	113.683	ug/l #	100
77) Bromobenzene	12.699	156	309545	51.440	ug/l	100
78) n-propylbenzene	12.758	91	1645317	50.795	ug/l	100
79) 2-Chlorotoluene	12.846	91	946819	50.824	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	1100063	50.414	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	105415	53.237	ug/l	100
82) 4-Chlorotoluene	12.940	91	964228	50.391	ug/l	100
83) tert-Butylbenzene	13.164	119	961539	50.381	ug/l	100
84) 1,2,4-Trimethylbenzene	13.205	105	1093991	50.218	ug/l	100
85) sec-Butylbenzene	13.340	105	1415647	50.219	ug/l	100
86) p-Isopropyltoluene	13.458	119	1163983	49.896	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	590753	50.760	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	589411	50.738	ug/l	100
89) n-Butylbenzene	13.782	91	1120356	50.040	ug/l	100
90) Hexachloroethane	14.052	117	225412	50.012	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	524638	51.213	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.446	75	37677	49.858	ug/l	100
93) 1,2,4-Trichlorobenzene	15.093	180	322200	50.197	ug/l	100
94) Hexachlorobutadiene	15.199	225	144027	48.607	ug/l	100
95) Naphthalene	15.329	128	735627	51.578	ug/l	100
96) 1,2,3-Trichlorobenzene	15.517	180	281338	50.976	ug/l	100

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MSVOA_D
ClientSampleId :
VSTDICCC050

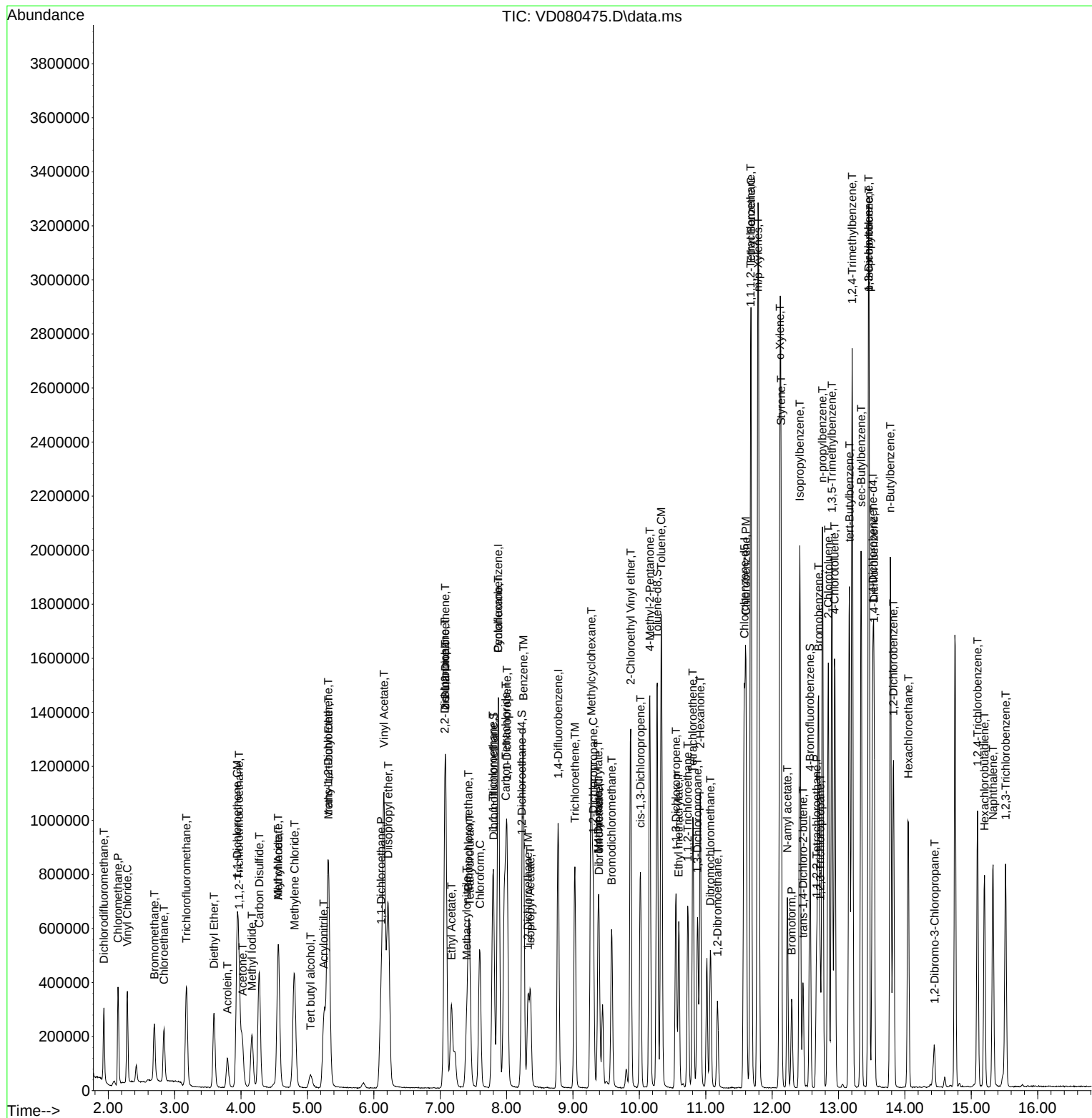
Quant Time: Jun 27 05:00:28 2025
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Quant Title : SW846 8260
QLast Update : Fri Jun 27 04:51:56 2025
Response via : Initial Calibration

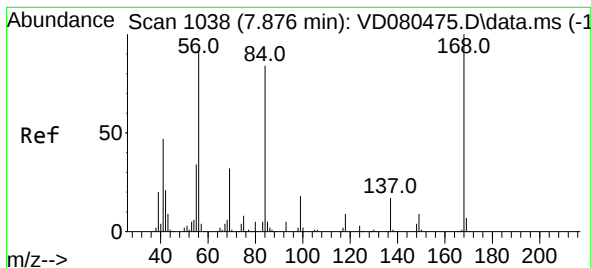
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

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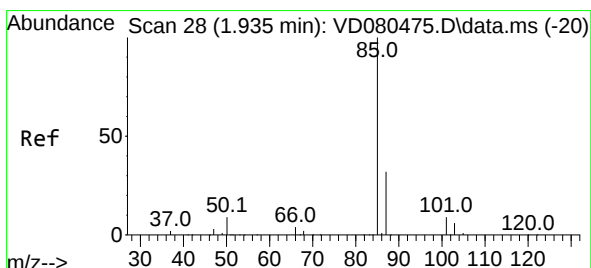
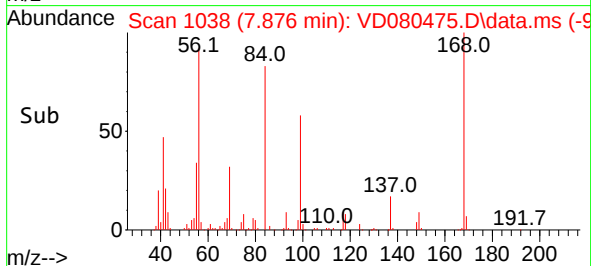
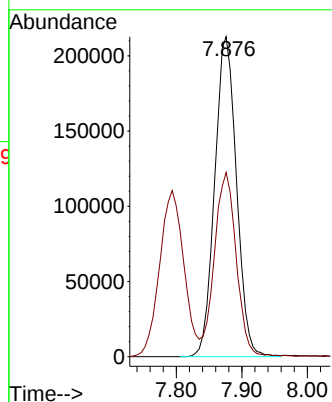
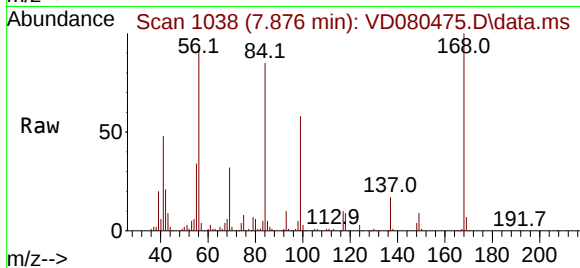




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080475.D
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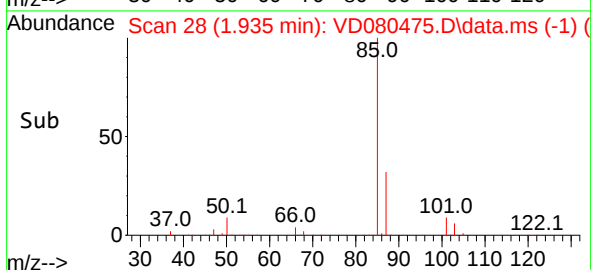
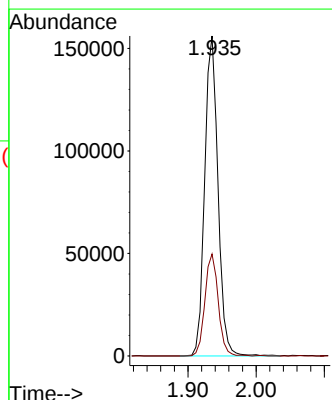
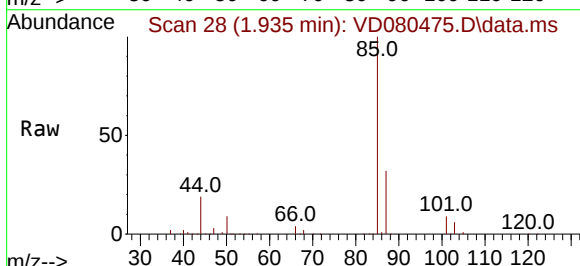
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

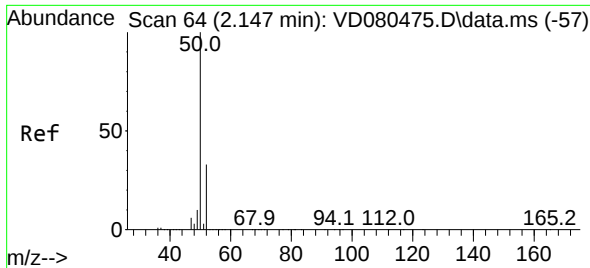
Tgt Ion:168 Resp: 489889
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 48.497 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 85 Resp: 211212
Ion Ratio Lower Upper
85 100
87 31.9 16.0 47.9

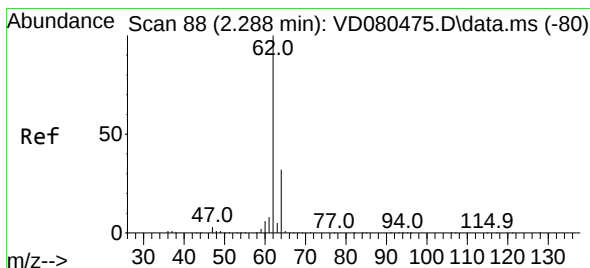
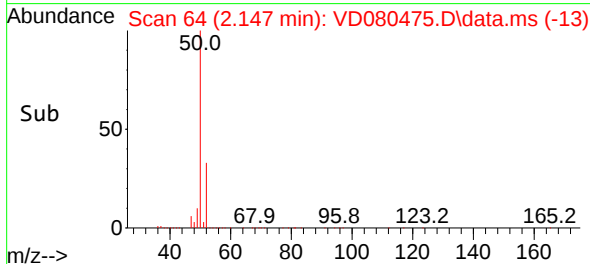
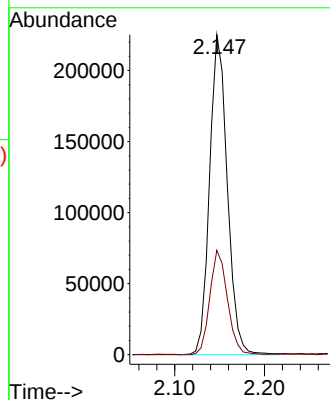
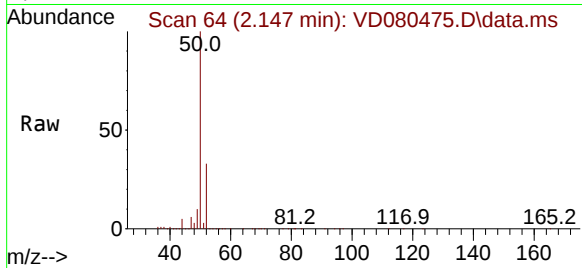




#3
Chloromethane
Concen: 50.838 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

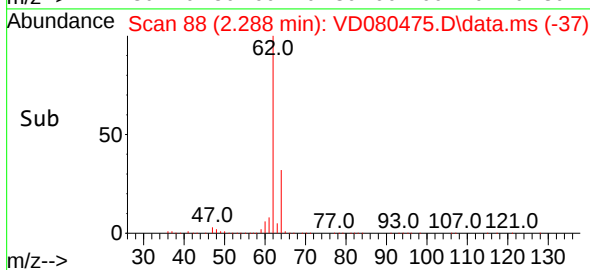
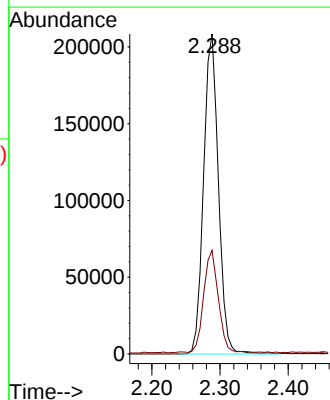
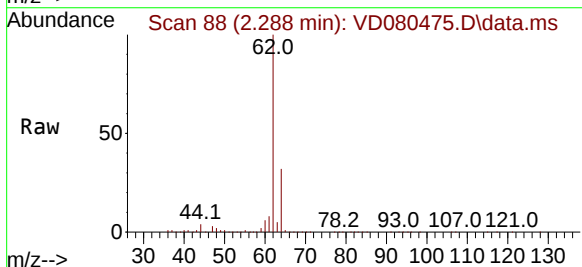
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

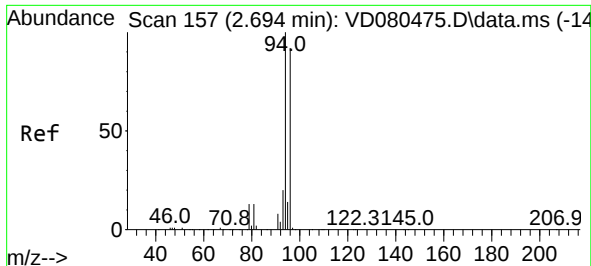
Tgt Ion: 50 Resp: 309213
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1



#4
Vinyl Chloride
Concen: 51.001 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 62 Resp: 314677
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3

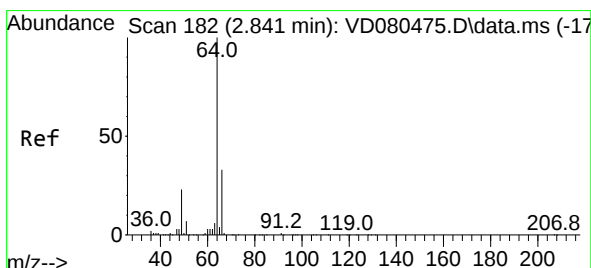
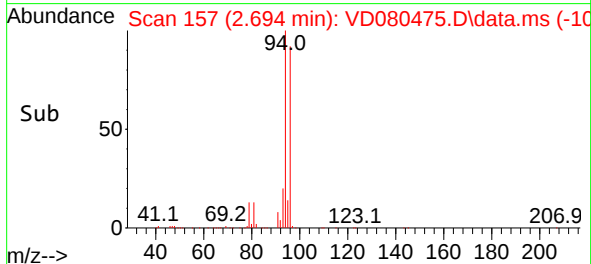
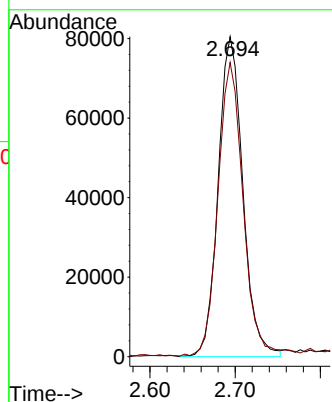
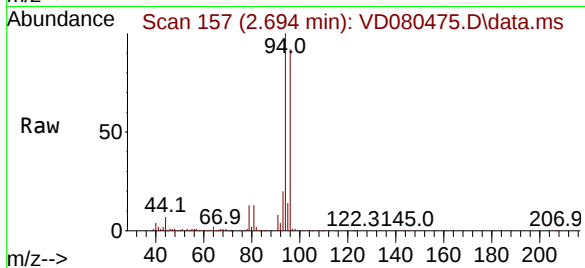




#5
Bromomethane
Concen: 47.426 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

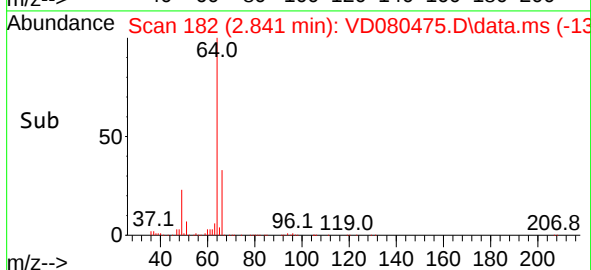
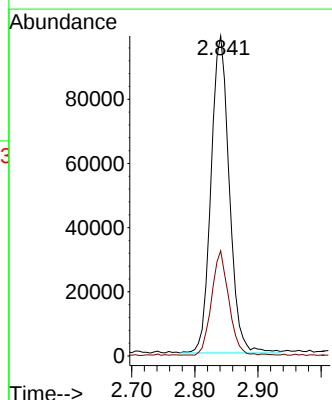
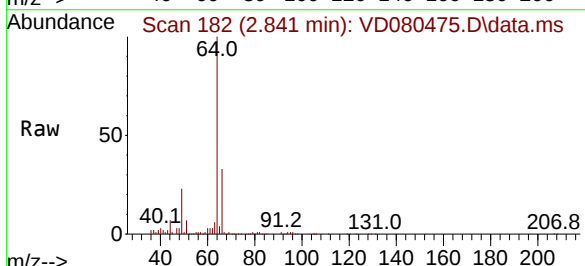
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ClientSampleId :
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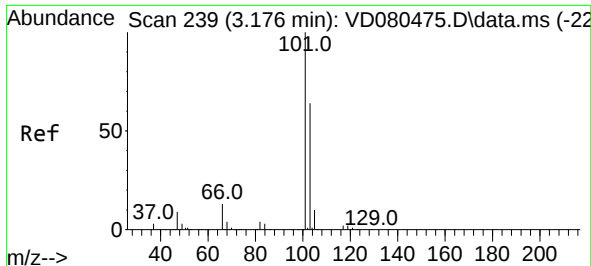
Tgt Ion: 94 Resp: 161730
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2



#6
Chloroethane
Concen: 51.336 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 64 Resp: 198818
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5

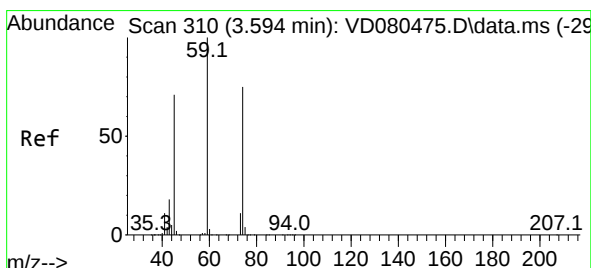
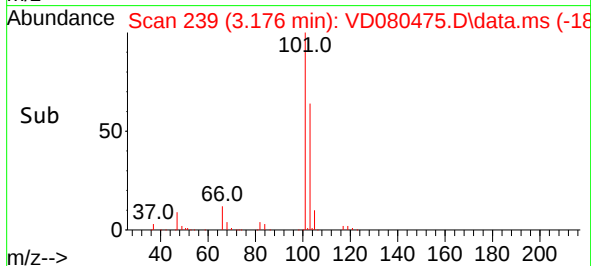
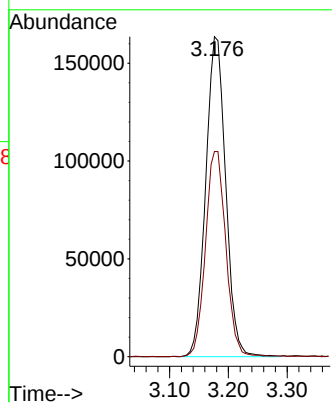
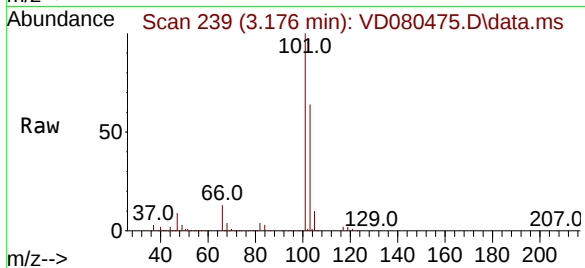




#7
Trichlorofluoromethane
Concen: 49.831 ug/l
RT: 3.176 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

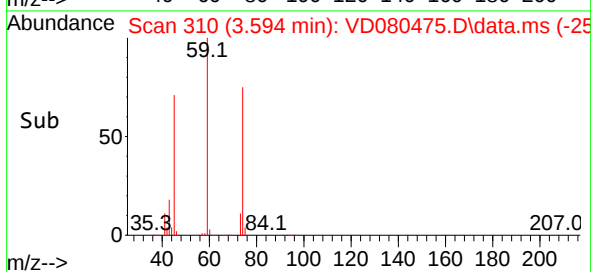
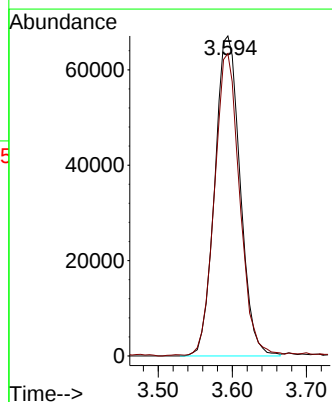
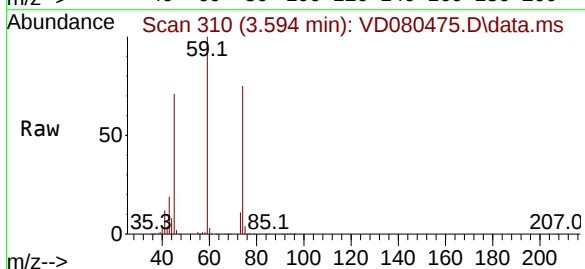
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

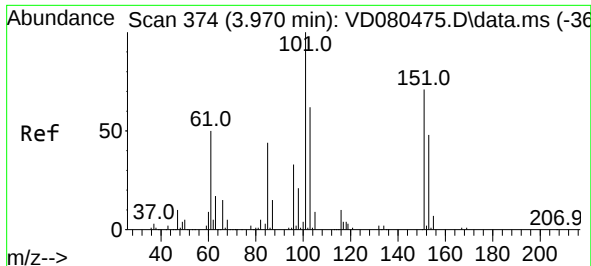
Tgt Ion:101 Resp: 386789
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9



#8
Diethyl Ether
Concen: 52.767 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.000 min
Lab File: VD080475.D
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Tgt Ion: 74 Resp: 159432
Ion Ratio Lower Upper
74 100
45 93.2 46.6 139.8

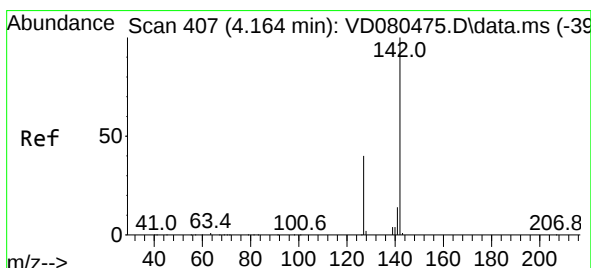
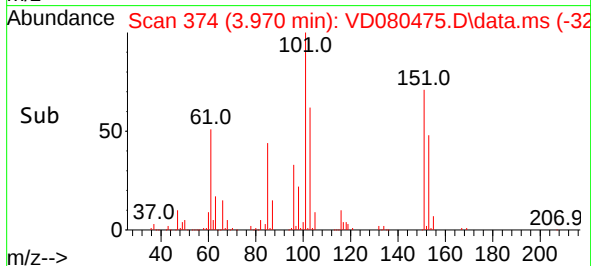
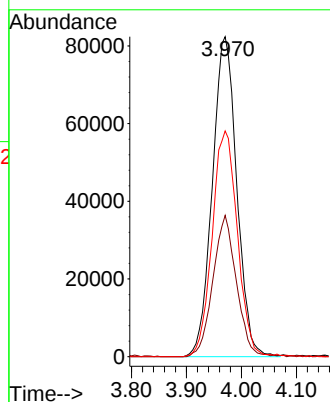
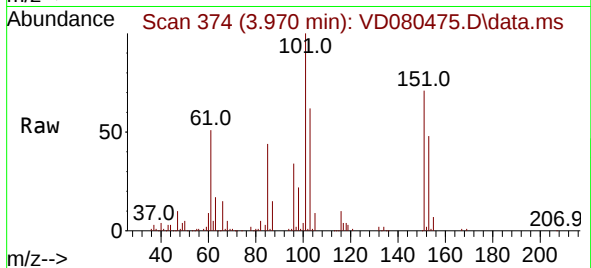




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.582 ug/l
RT: 3.970 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

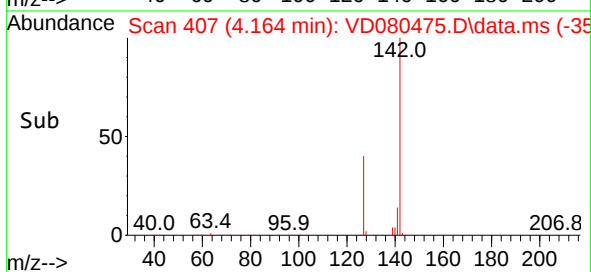
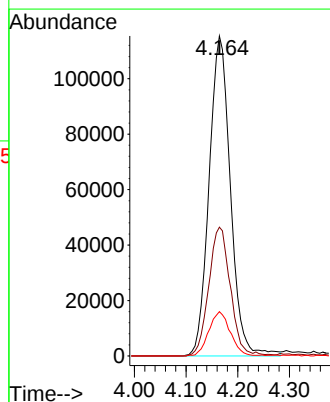
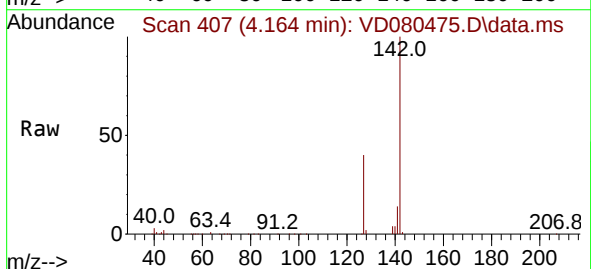
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

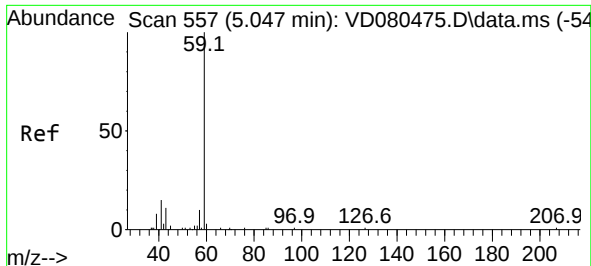
Tgt Ion:101 Resp: 254591
Ion Ratio Lower Upper
101 100
85 42.5 34.0 51.0
151 73.0 58.4 87.6



#10
Methyl Iodide
Concen: 54.725 ug/l
RT: 4.164 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion:142 Resp: 330909
Ion Ratio Lower Upper
142 100
127 40.8 32.6 49.0
141 13.9 11.1 16.7

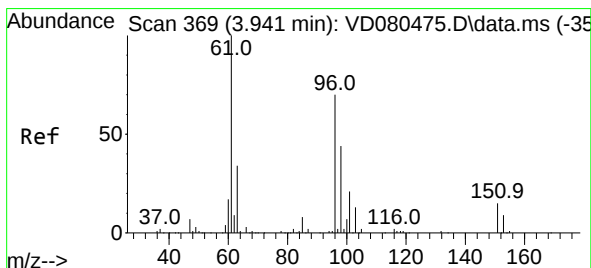
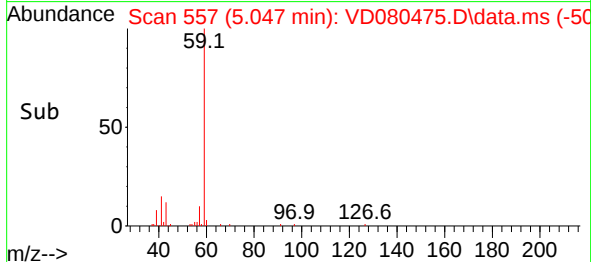
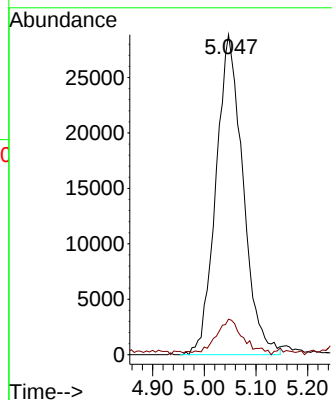
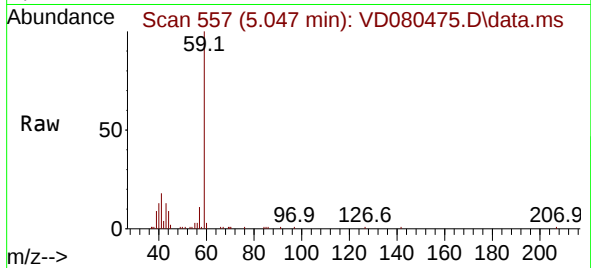




#11
Tert butyl alcohol
Concen: 267.650 ug/l
RT: 5.047 min Scan# 511
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

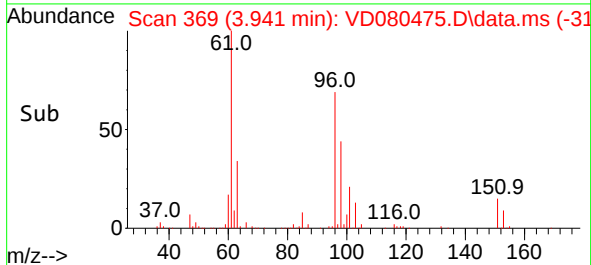
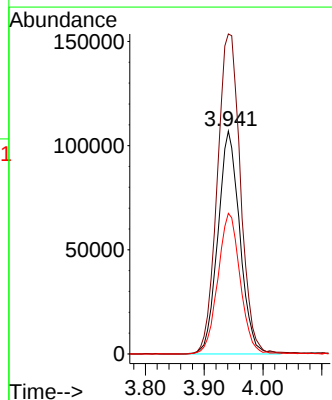
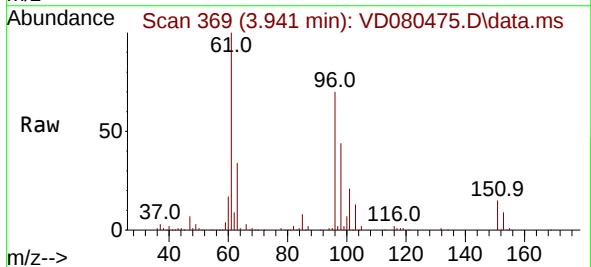
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

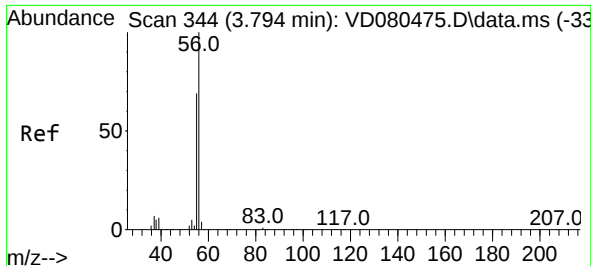
Tgt Ion: 59 Resp: 104662
Ion Ratio Lower Upper
59 100
57 11.0 8.8 13.2



#12
1,1-Dichloroethene
Concen: 49.838 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 96 Resp: 276317
Ion Ratio Lower Upper
96 100
61 143.6 114.9 172.3
98 63.1 50.5 75.7

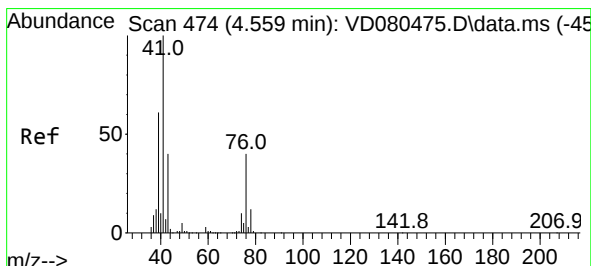
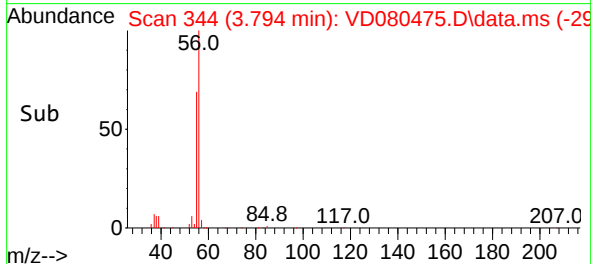
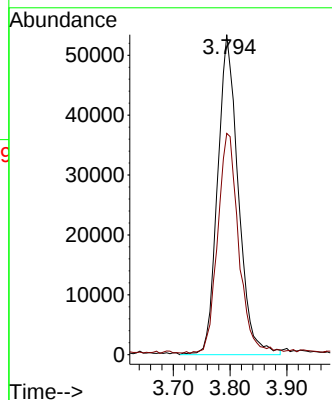
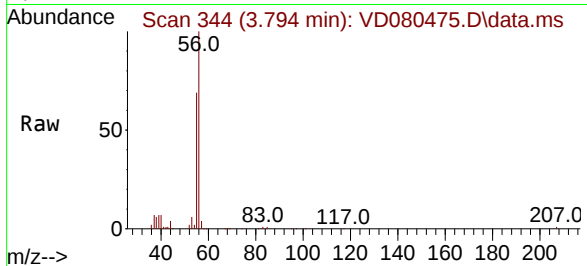




#13
Acrolein
Concen: 253.613 ug/l
RT: 3.794 min Scan# 344
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

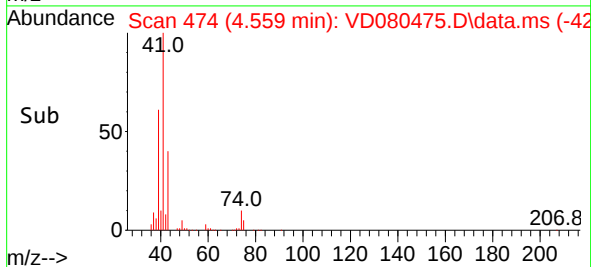
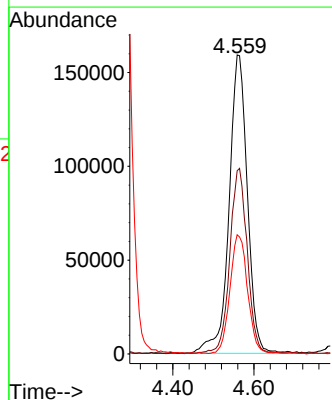
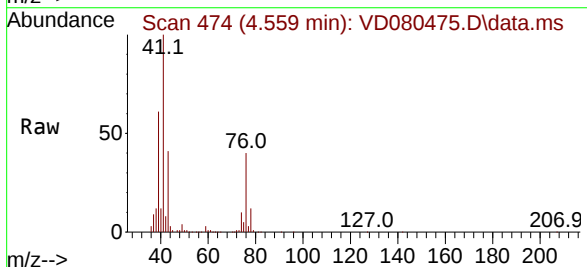
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

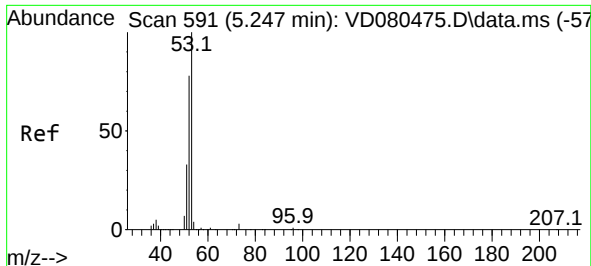
Tgt Ion: 56 Resp: 135147
Ion Ratio Lower Upper
56 100
55 70.2 56.2 84.2



#14
Allyl chloride
Concen: 51.292 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 41 Resp: 497941
Ion Ratio Lower Upper
41 100
39 59.3 47.4 71.2
76 38.1 30.5 45.7

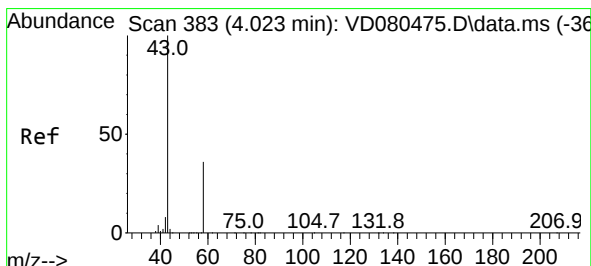
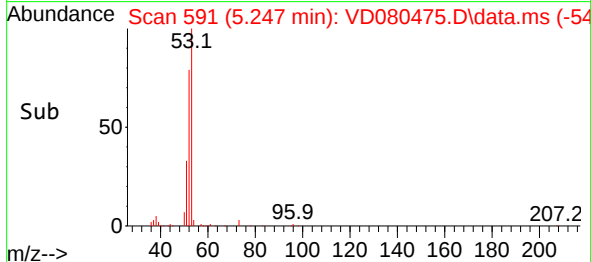
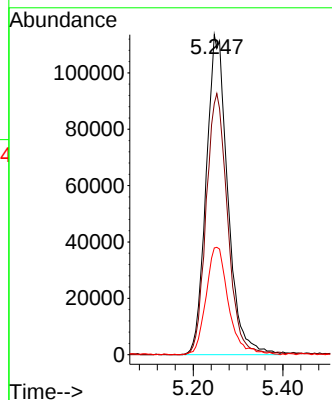
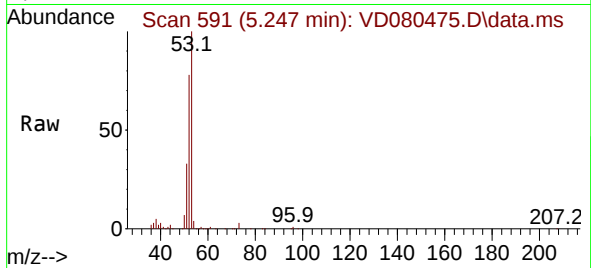




#15
Acrylonitrile
Concen: 263.882 ug/l
RT: 5.247 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

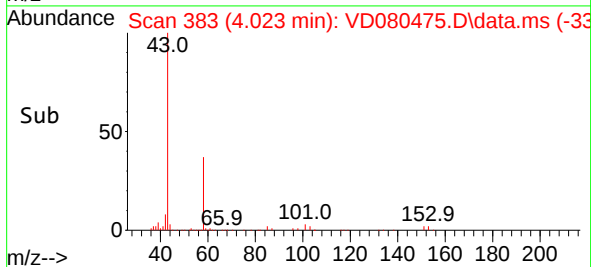
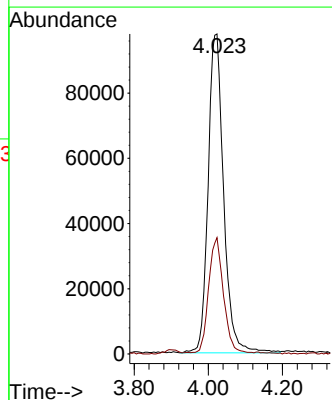
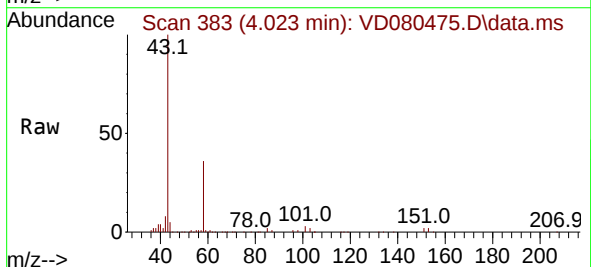
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

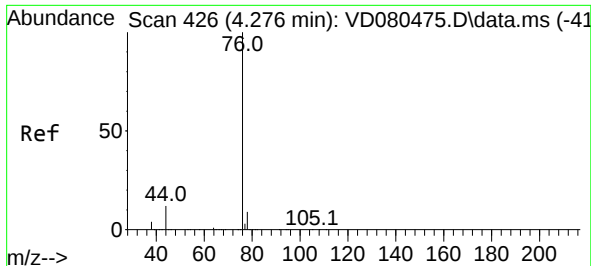
Tgt Ion: 53 Resp: 379345
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 34.9 27.9 41.9



#16
Acetone
Concen: 229.242 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 43 Resp: 284459
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.4

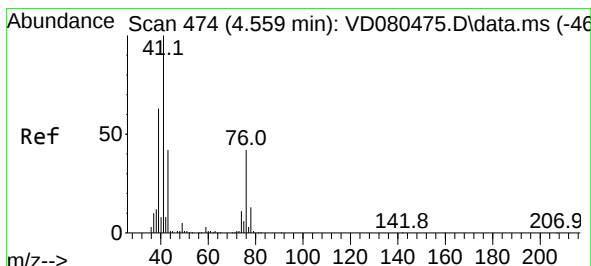
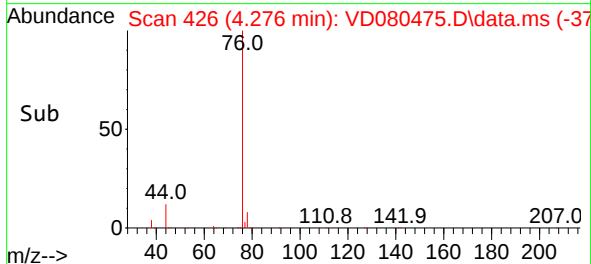
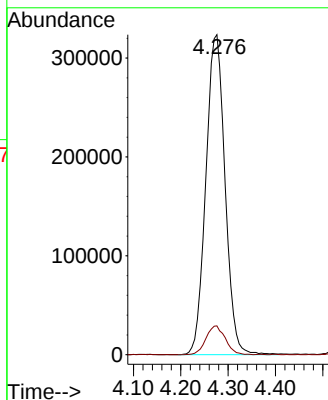
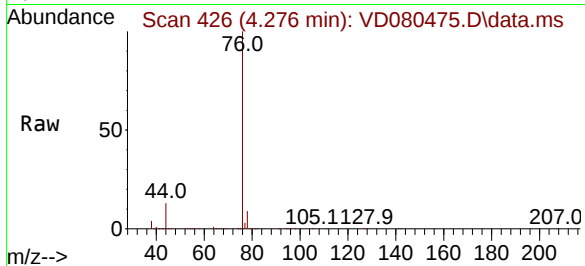




#17
Carbon Disulfide
Concen: 52.088 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

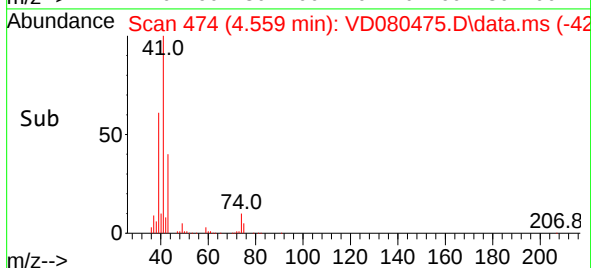
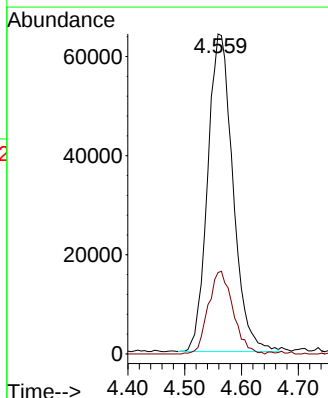
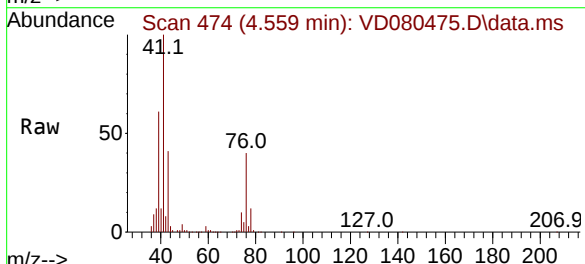
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

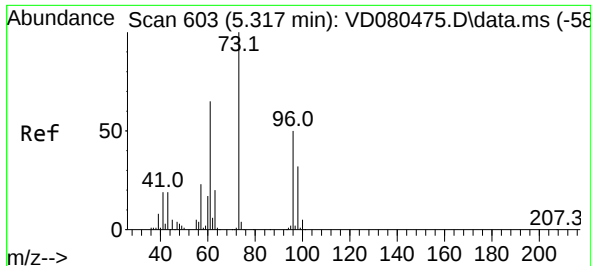
Tgt Ion: 76 Resp: 911988
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 52.416 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 43 Resp: 197837
Ion Ratio Lower Upper
43 100
74 25.5 20.4 30.6

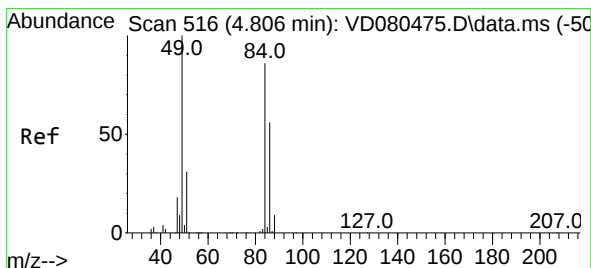
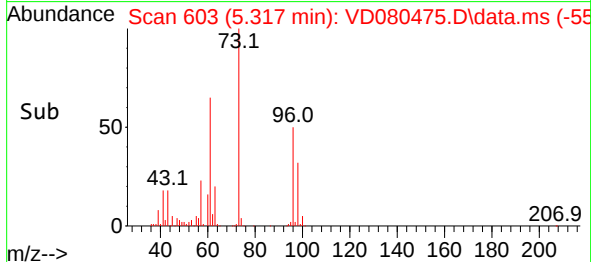
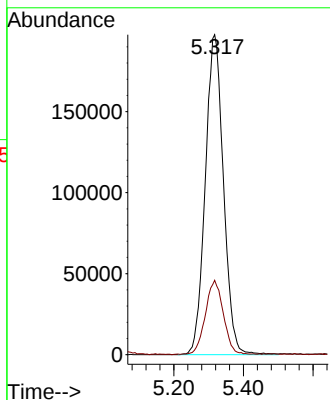
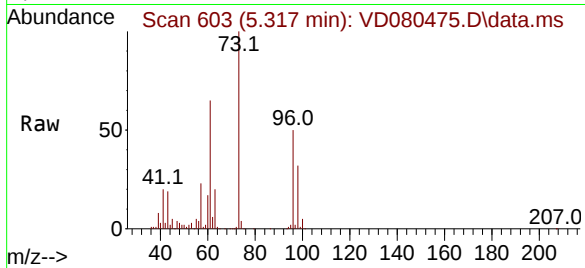




#19
Methyl tert-butyl Ether
Concen: 52.047 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

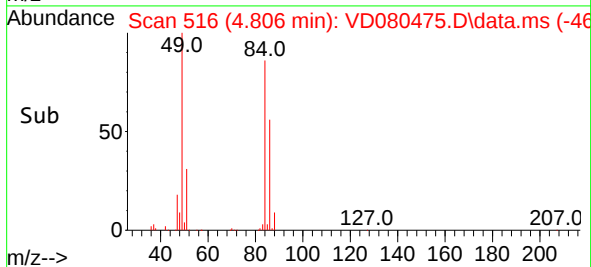
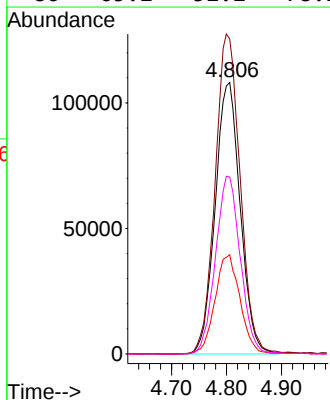
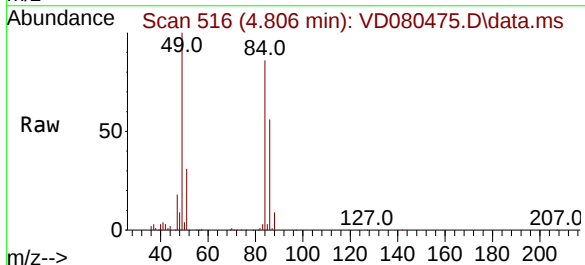
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

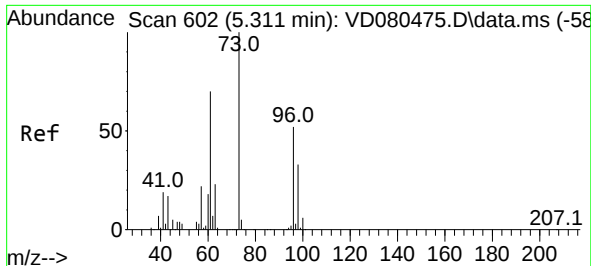
Tgt Ion: 73 Resp: 717129
Ion Ratio Lower Upper
73 100
57 23.1 18.5 27.7



#20
Methylene Chloride
Concen: 50.060 ug/l
RT: 4.806 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 84 Resp: 342805
Ion Ratio Lower Upper
84 100
49 116.0 92.8 139.2
51 36.3 29.0 43.6
86 65.2 52.2 78.2

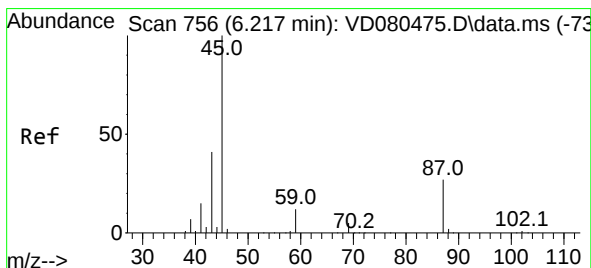
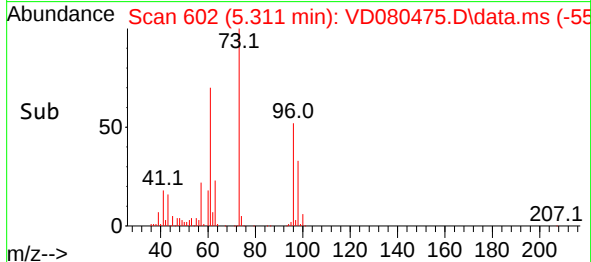
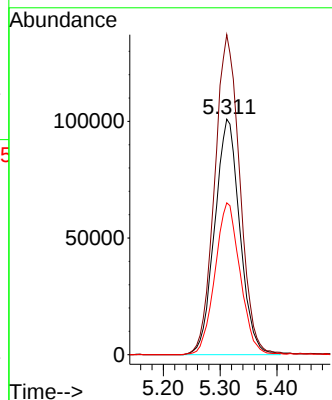
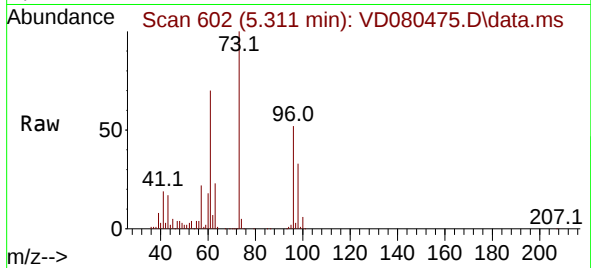




#21
trans-1,2-Dichloroethene
Concen: 50.253 ug/l
RT: 5.311 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

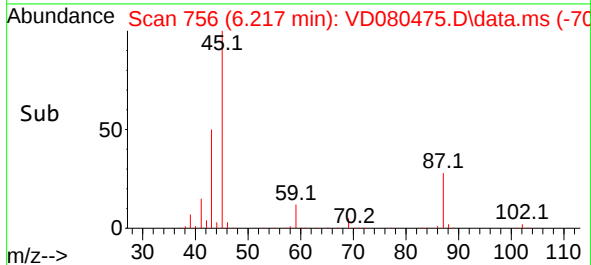
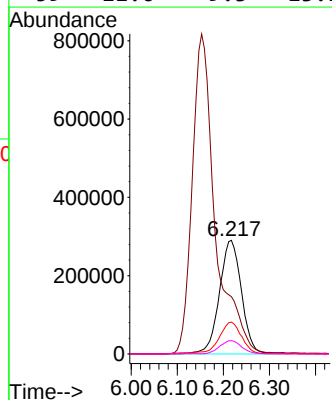
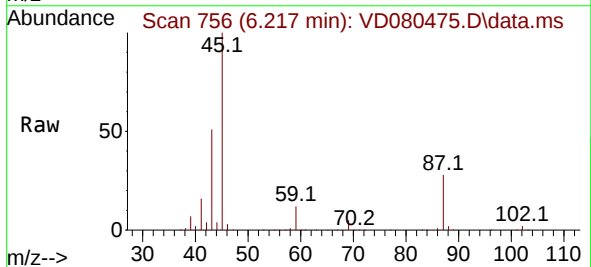
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

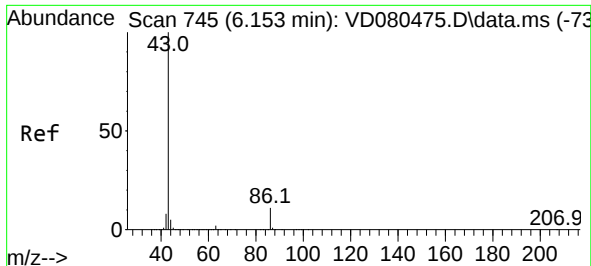
Tgt Ion: 96 Resp: 310773
Ion Ratio Lower Upper
96 100
61 135.8 108.6 163.0
98 64.4 51.5 77.3



#22
Diisopropyl ether
Concen: 51.271 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 45 Resp: 961046
Ion Ratio Lower Upper
45 100
43 49.4 39.5 59.3
87 27.9 22.3 33.5
59 11.6 9.3 13.9

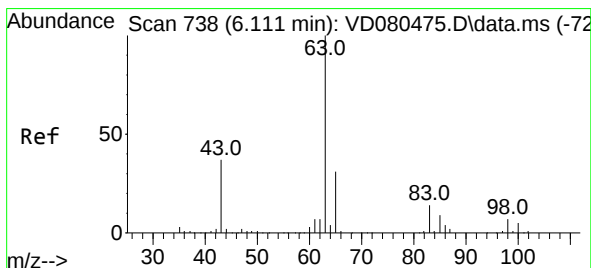
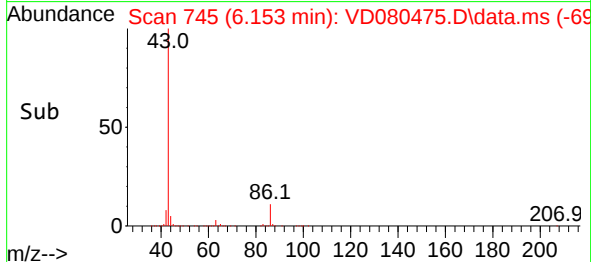
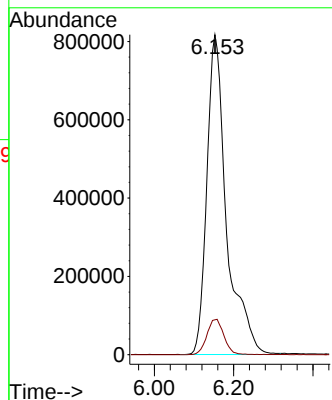
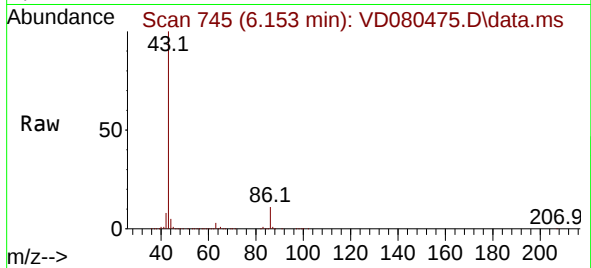




#23
 Vinyl Acetate
 Concen: 264.222 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080475.D
 Acq: 26 Jun 2025 11:21

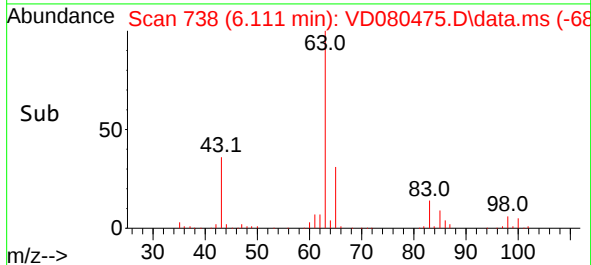
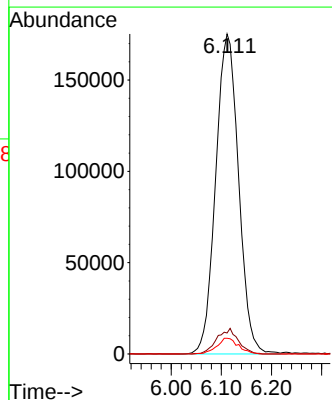
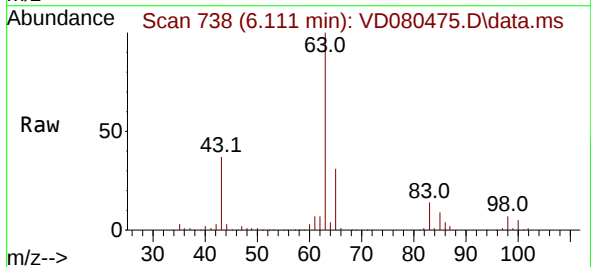
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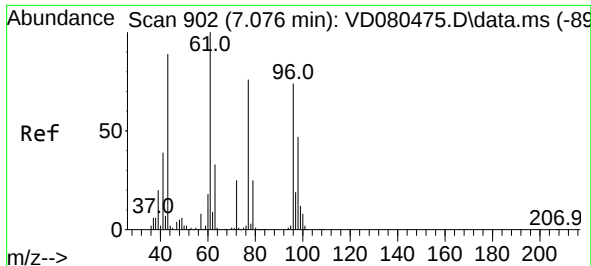
Tgt Ion: 43 Resp: 2822112
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 50.514 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080475.D
 Acq: 26 Jun 2025 11:21

Tgt Ion: 63 Resp: 555589
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.9 2.5 7.4

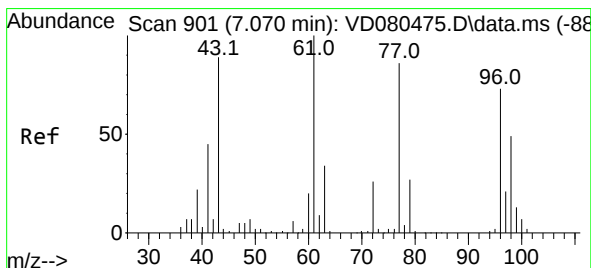
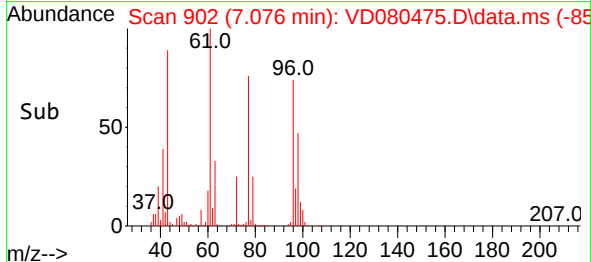
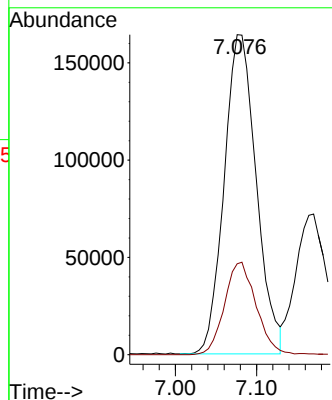
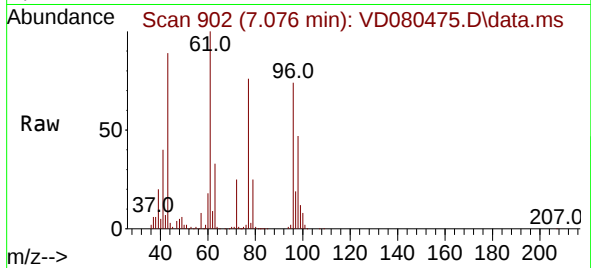




#25
2-Butanone
Concen: 248.030 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

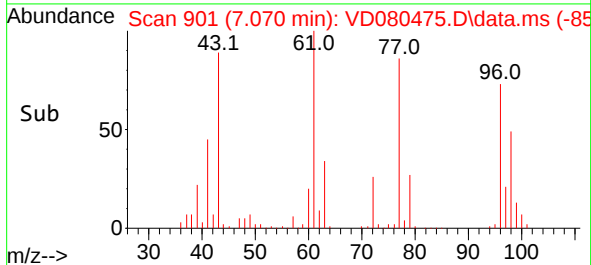
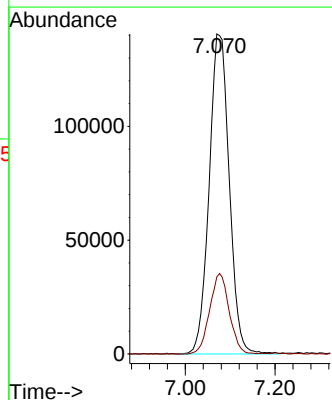
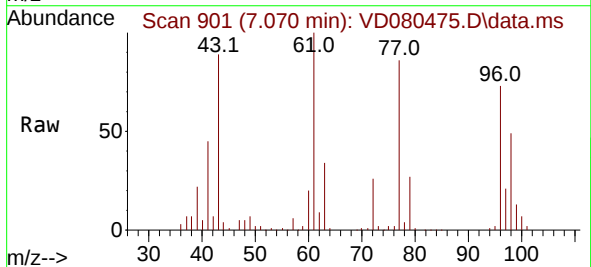
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

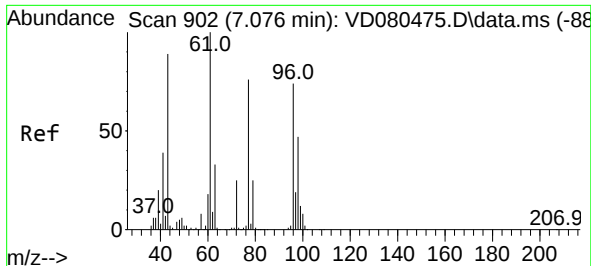
Tgt Ion: 43 Resp: 451725
Ion Ratio Lower Upper
43 100
72 28.5 22.8 34.2



#26
2,2-Dichloropropane
Concen: 50.189 ug/l
RT: 7.070 min Scan# 901
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 77 Resp: 436831
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6

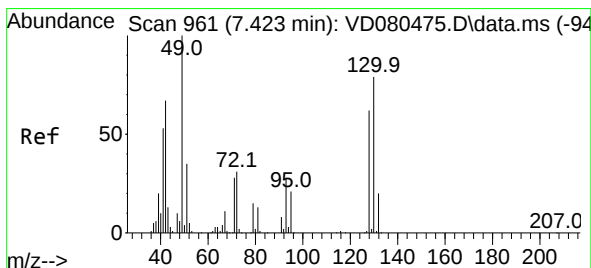
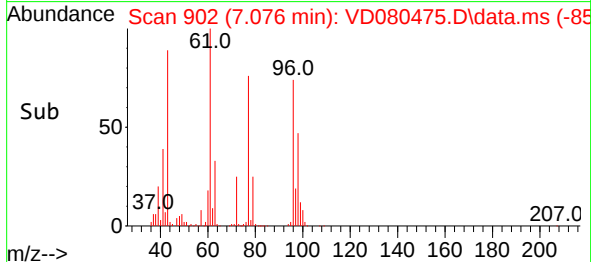
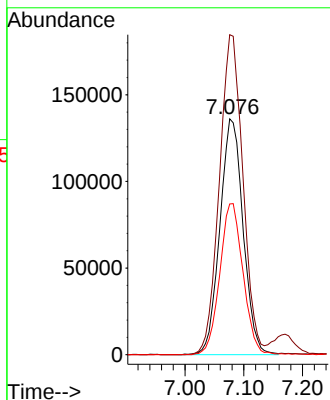
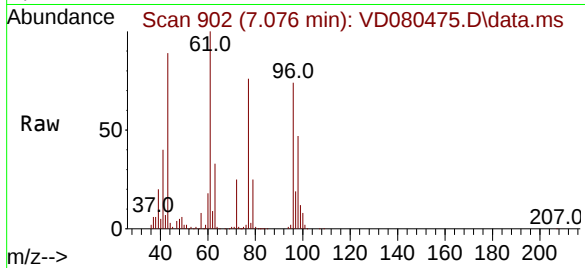




#27
 cis-1,2-Dichloroethene
 Concen: 50.631 ug/l
 RT: 7.076 min Scan# 902
 Delta R.T. 0.000 min
 Lab File: VD080475.D
 Acq: 26 Jun 2025 11:21

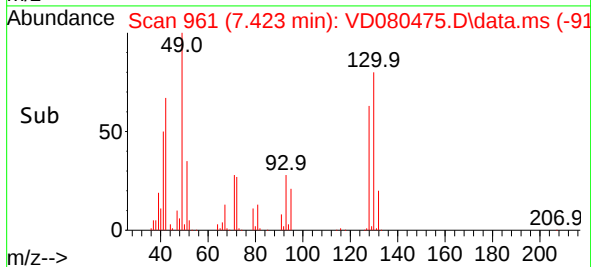
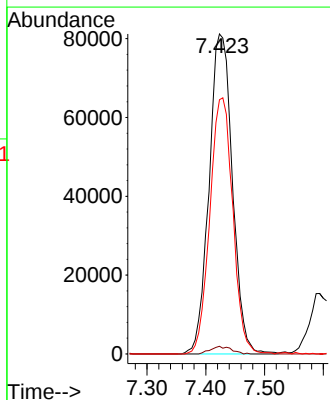
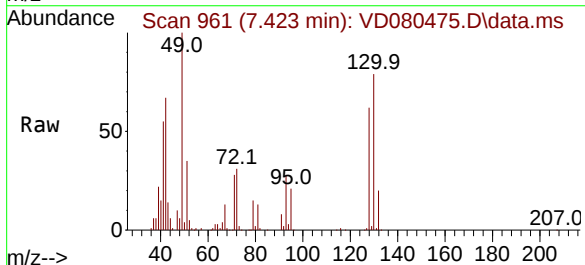
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

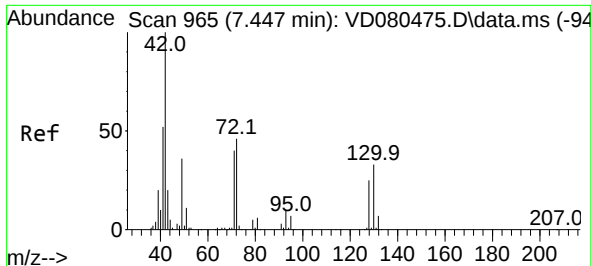
Tgt Ion: 96 Resp: 374310
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 274.6
 98 64.0 0.0 128.0



#28
 Bromochloromethane
 Concen: 51.627 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. 0.000 min
 Lab File: VD080475.D
 Acq: 26 Jun 2025 11:21

Tgt Ion: 49 Resp: 223858
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 78.5 62.8 94.2





#29

Tetrahydrofuran

Concen: 265.741 ug/l

RT: 7.447 min Scan# 909

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

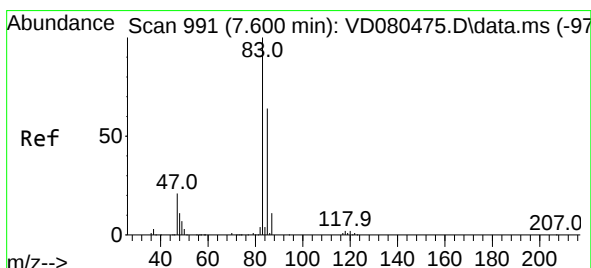
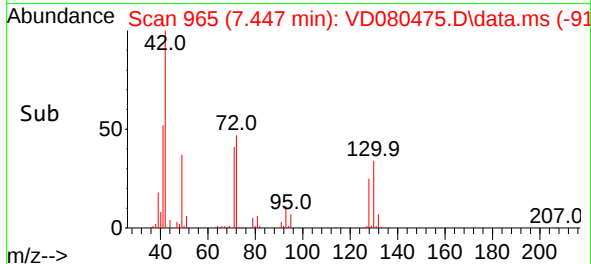
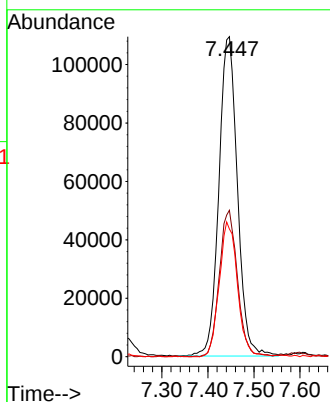
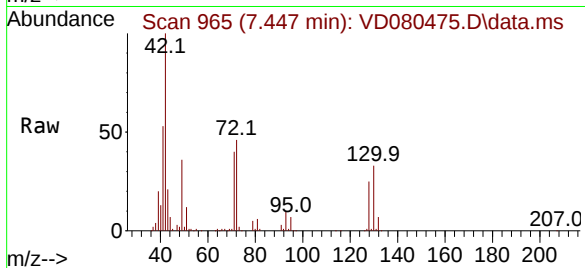
Tgt Ion: 42 Resp: 304909

Ion Ratio Lower Upper

42 100

72 44.9 35.9 53.9

71 41.5 33.2 49.8



#30

Chloroform

Concen: 50.552 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.000 min

Lab File: VD080475.D

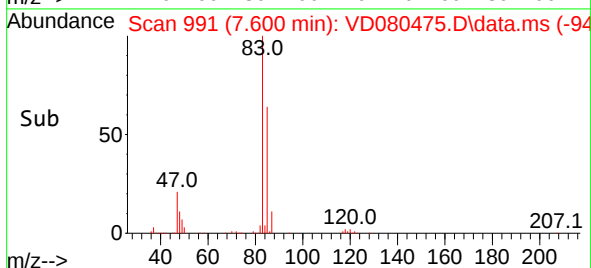
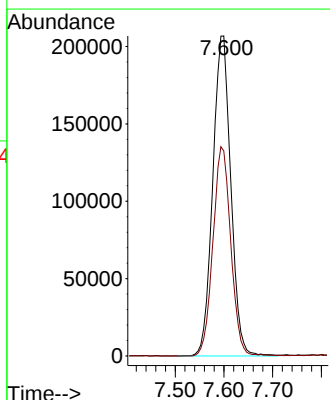
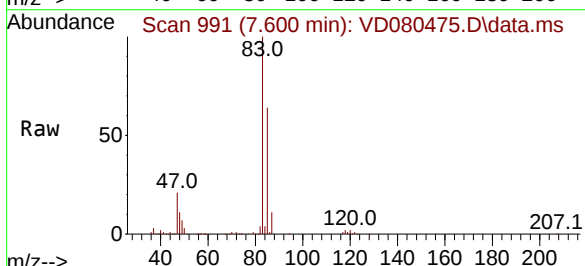
Acq: 26 Jun 2025 11:21

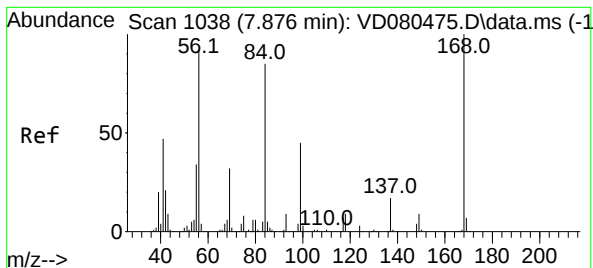
Tgt Ion: 83 Resp: 532234

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8





#31

Cyclohexane

Concen: 48.377 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

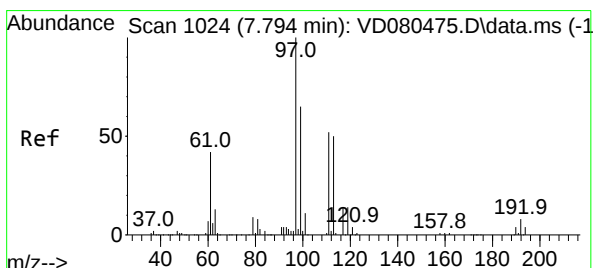
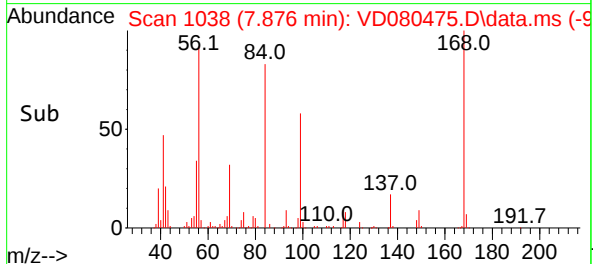
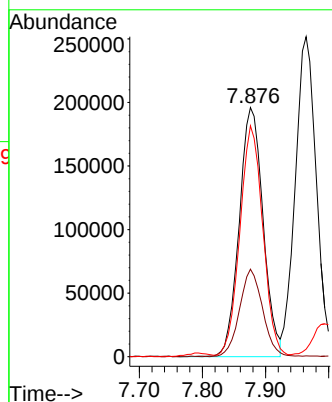
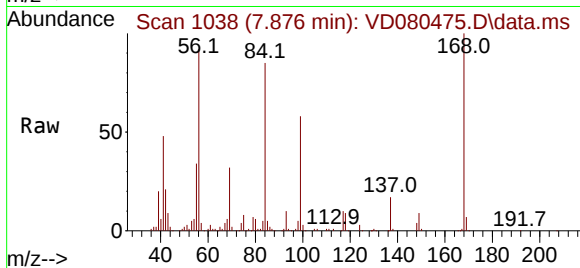
Tgt Ion: 56 Resp: 515573

Ion Ratio Lower Upper

56 100

69 35.1 28.1 42.1

84 92.1 73.7 110.5



#32

1,1,1-Trichloroethane

Concen: 50.296 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

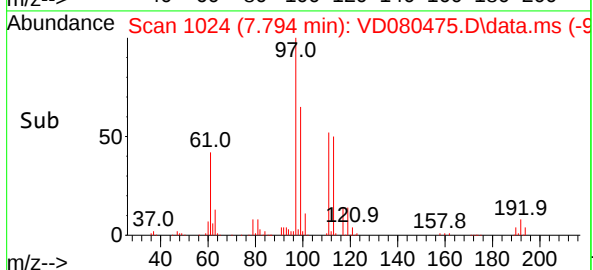
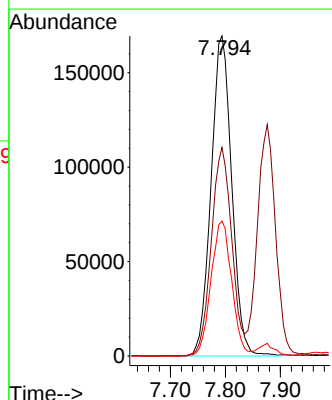
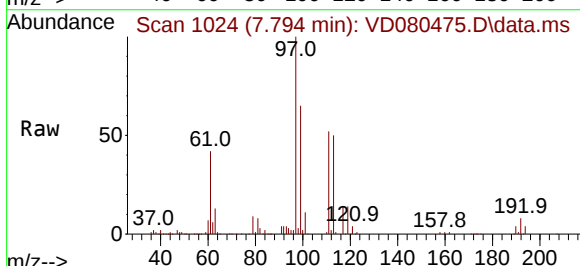
Tgt Ion: 97 Resp: 442738

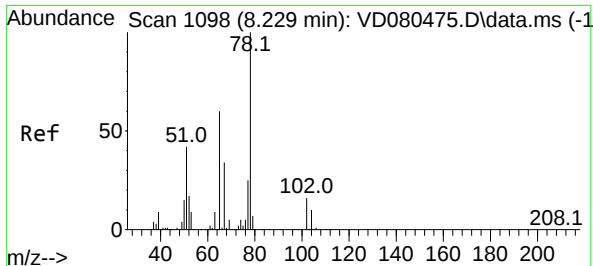
Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 42.2 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 54.106 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

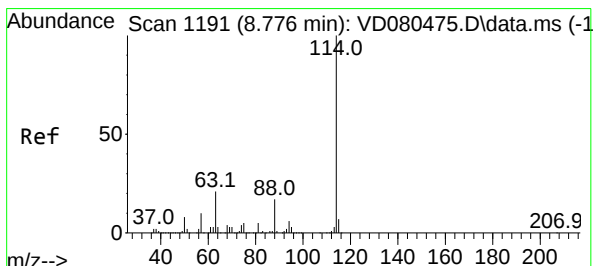
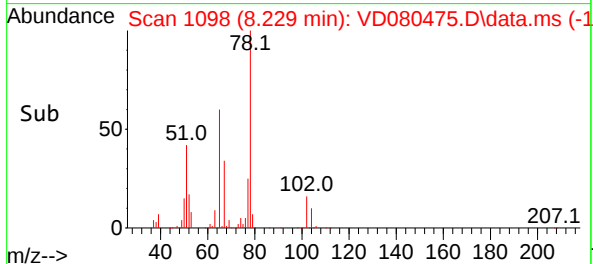
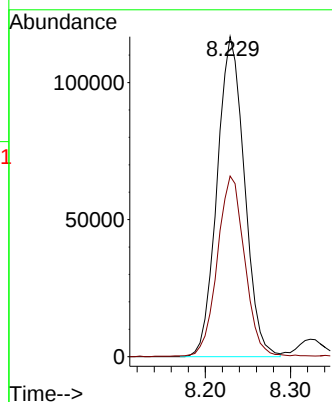
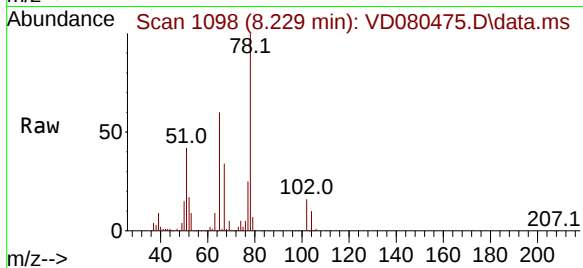
VSTDICCC050

Tgt Ion: 65 Resp: 259850

Ion Ratio Lower Upper

65 100

67 56.7 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: VD080475.D

Acq: 26 Jun 2025 11:21

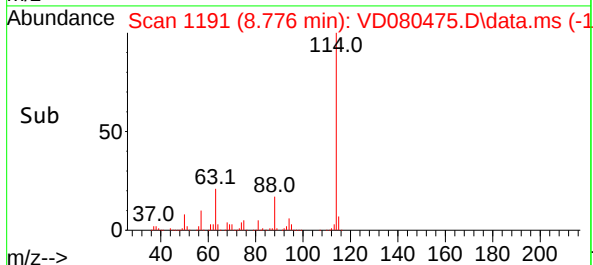
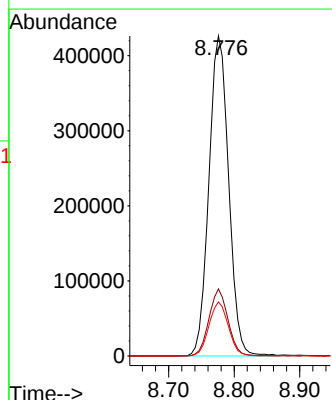
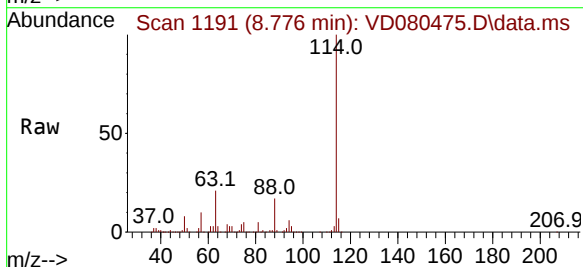
Tgt Ion: 114 Resp: 891456

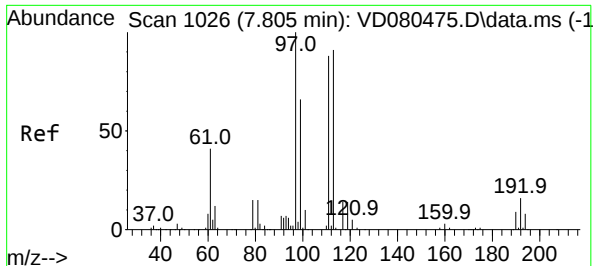
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.0

88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.364 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

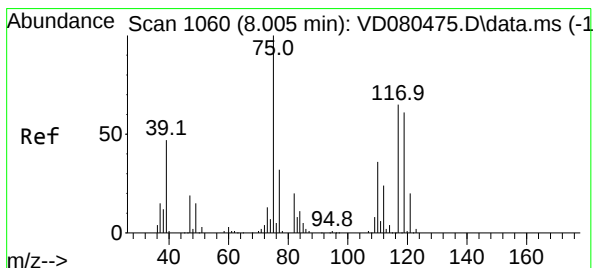
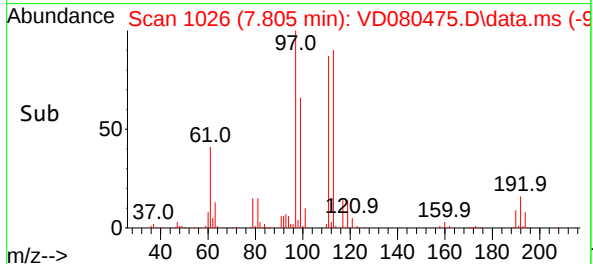
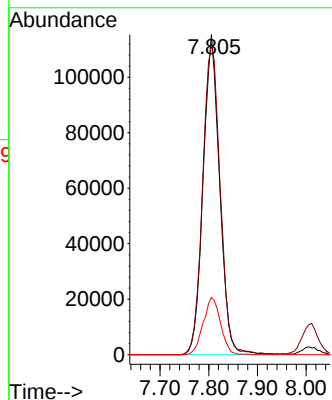
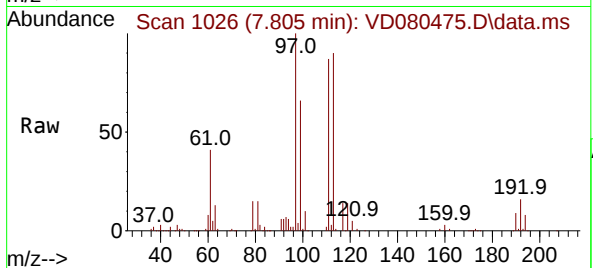
Tgt Ion:113 Resp: 271375

Ion Ratio Lower Upper

113 100

111 103.1 82.5 123.7

192 18.8 15.0 22.6



#36

1,1-Dichloropropene

Concen: 50.743 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

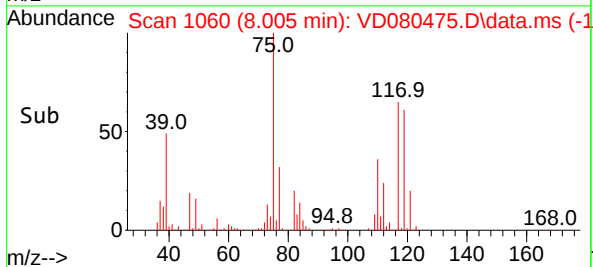
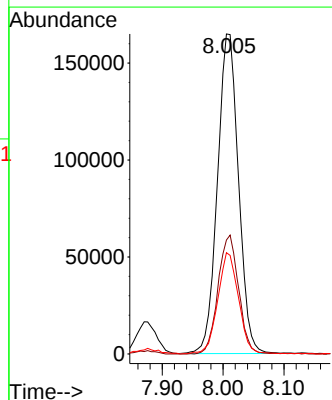
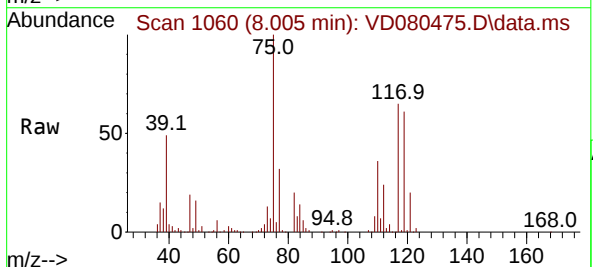
Tgt Ion: 75 Resp: 395602

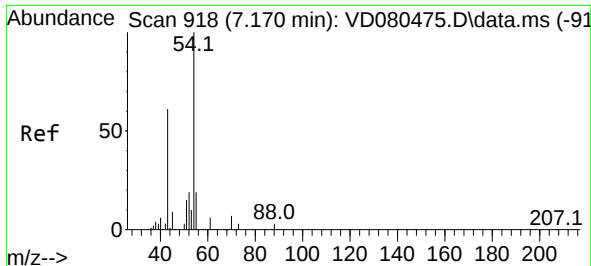
Ion Ratio Lower Upper

75 100

110 36.4 18.2 54.6

77 31.5 25.2 37.8

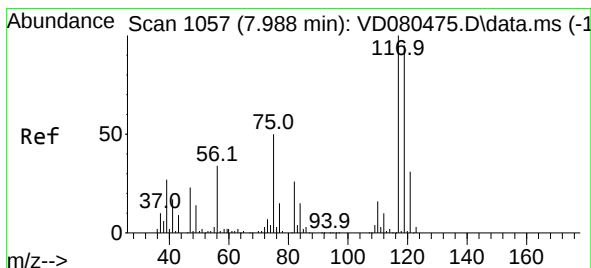
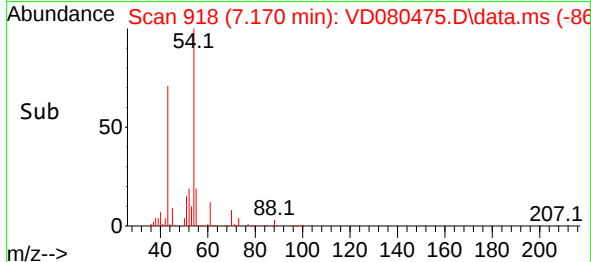
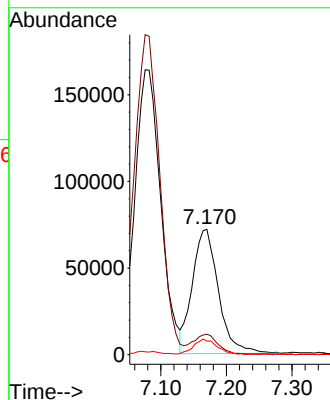
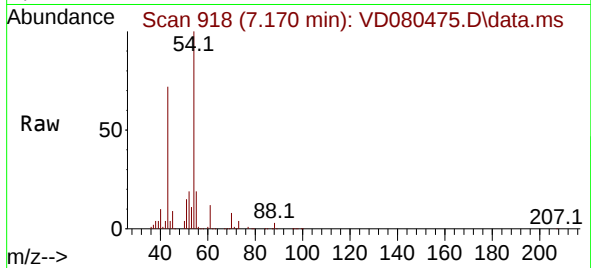




#37
Ethyl Acetate
Concen: 52.629 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

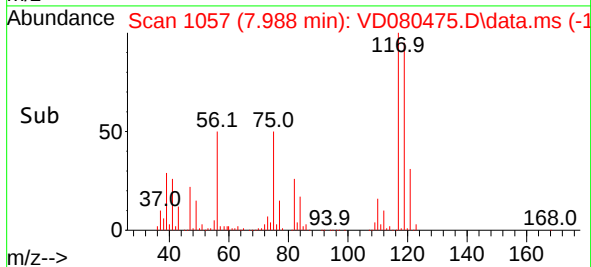
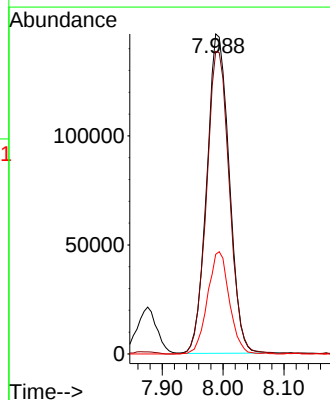
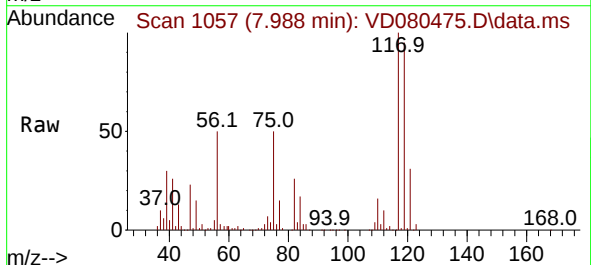
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

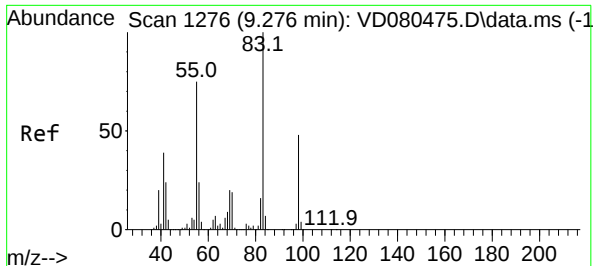
Tgt Ion: 43 Resp: 198773
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.2
70 11.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 50.366 ug/l
RT: 7.988 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 117 Resp: 375160
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
121 31.2 25.0 37.4





#39

Methylcyclohexane

Concen: 50.296 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

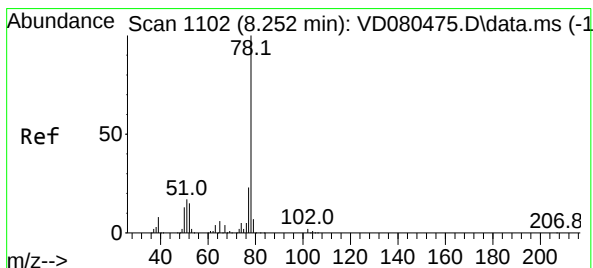
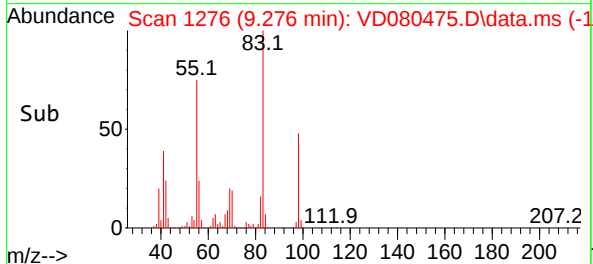
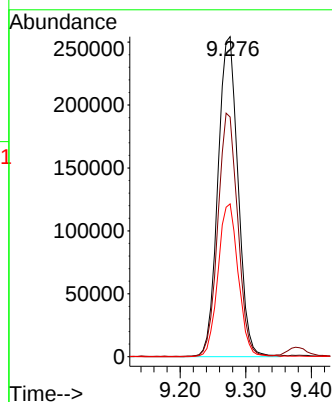
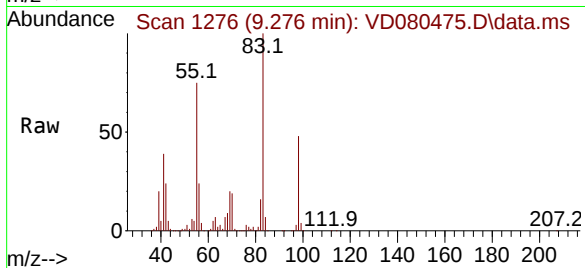
Tgt Ion: 83 Resp: 539865

Ion Ratio Lower Upper

83 100

55 74.8 59.8 89.8

98 47.7 38.2 57.2



#40

Benzene

Concen: 51.377 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080475.D

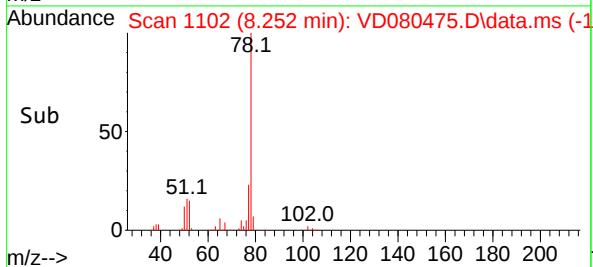
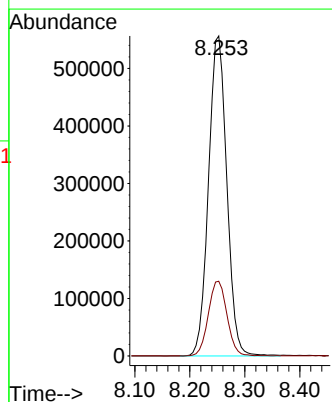
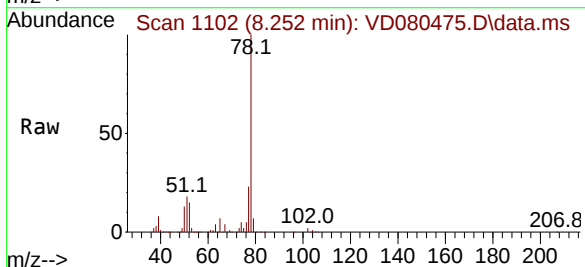
Acq: 26 Jun 2025 11:21

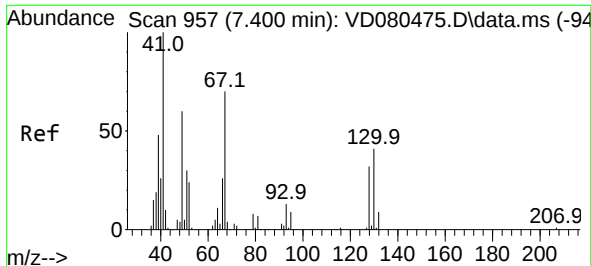
Tgt Ion: 78 Resp: 1285551

Ion Ratio Lower Upper

78 100

77 23.3 18.6 28.0

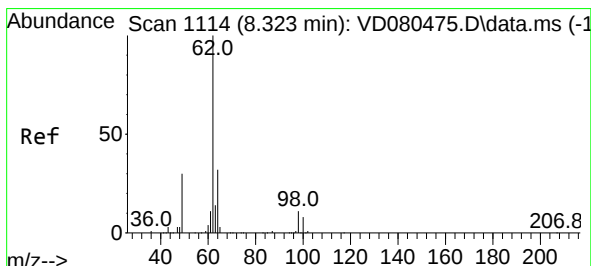
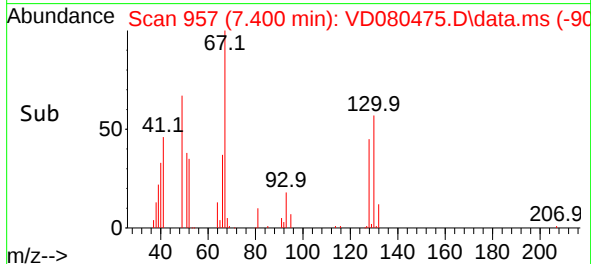
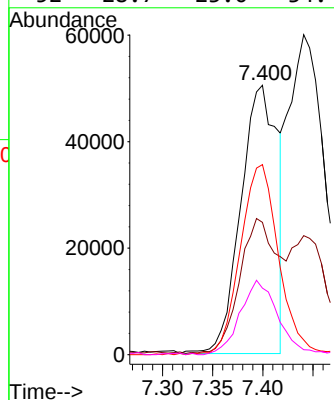
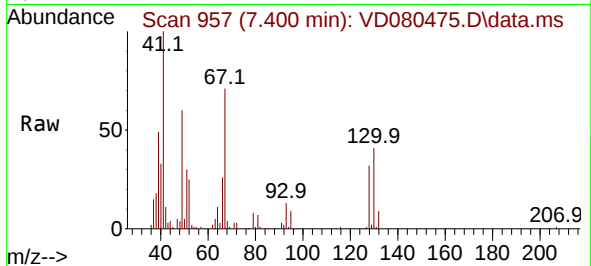




#41
Methacrylonitrile
Concen: 53.048 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

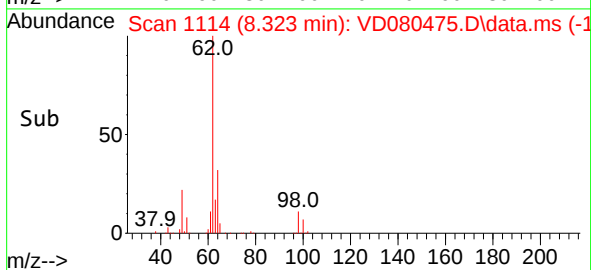
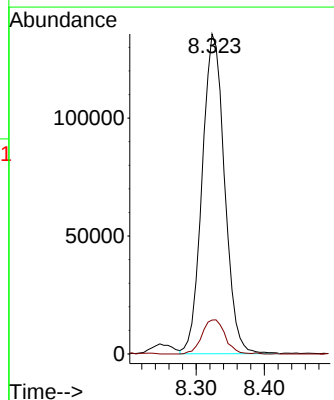
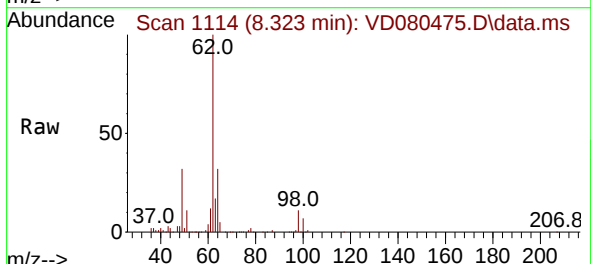
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

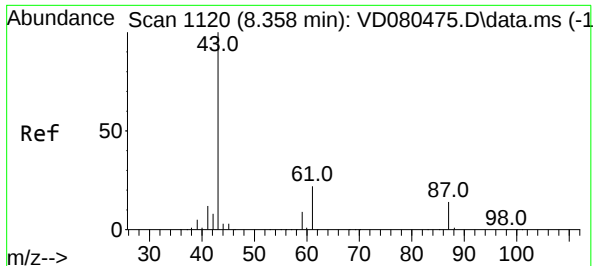
Tgt Ion: 41 Resp: 128469
Ion Ratio Lower Upper
41 100
39 54.2 43.4 65.0
67 74.0 59.2 88.8
52 28.7 23.0 34.4



#42
1,2-Dichloroethane
Concen: 52.748 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 62 Resp: 310496
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0





#43

Isopropyl Acetate

Concen: 52.312 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

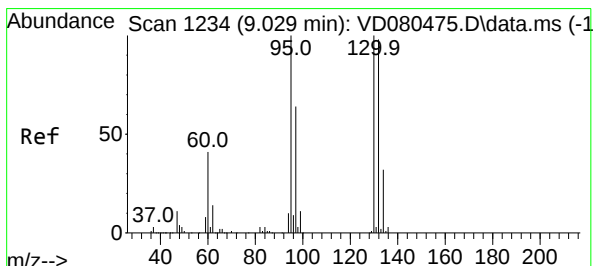
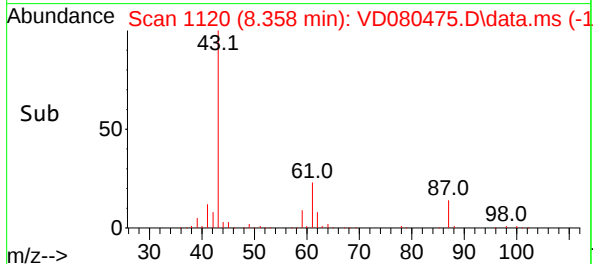
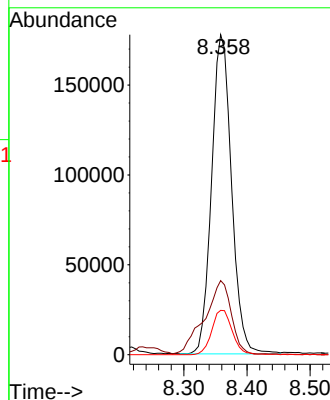
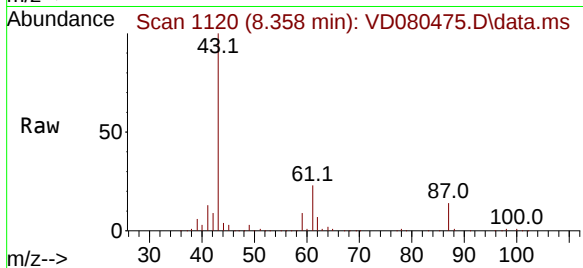
Tgt Ion: 43 Resp: 390094

Ion Ratio Lower Upper

43 100

61 30.5 24.4 36.6

87 14.3 11.4 17.2



#44

Trichloroethene

Concen: 50.920 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VD080475.D

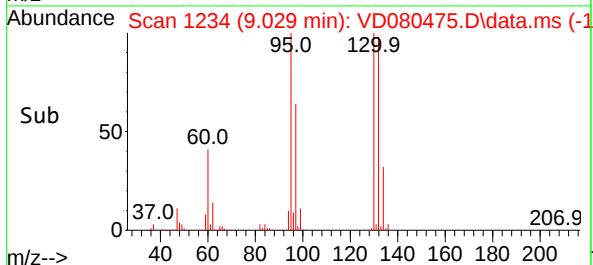
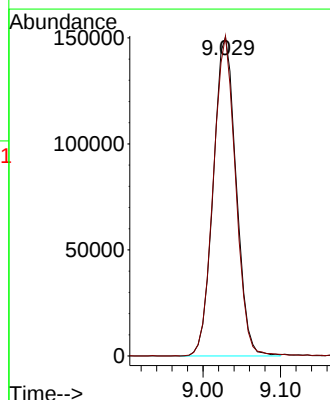
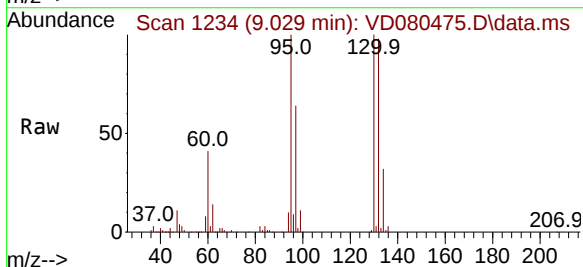
Acq: 26 Jun 2025 11:21

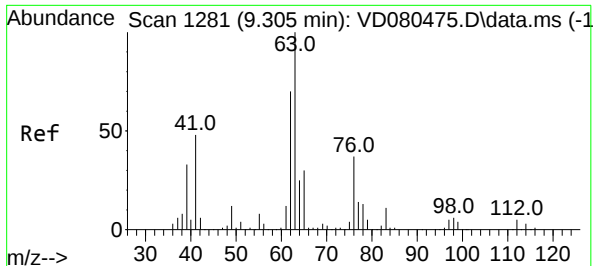
Tgt Ion:130 Resp: 308789

Ion Ratio Lower Upper

130 100

95 100.3 0.0 200.6





#45

1,2-Dichloropropane

Concen: 51.944 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

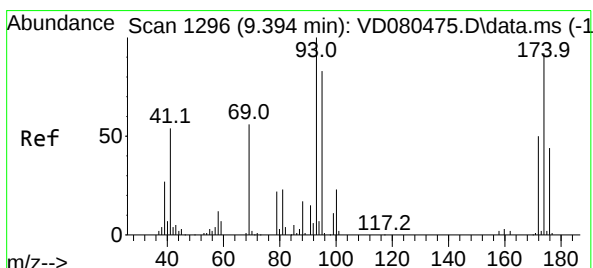
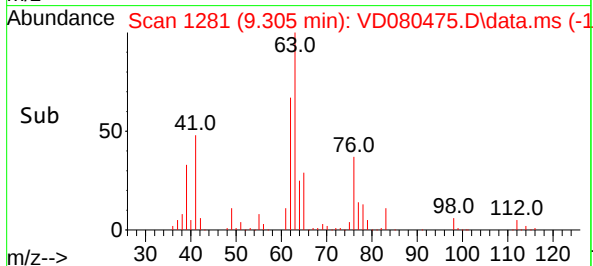
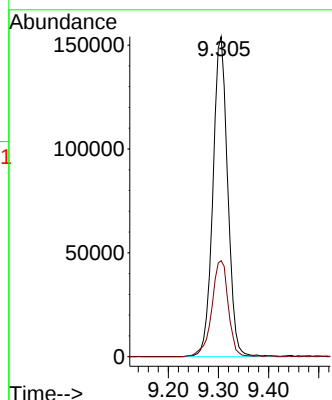
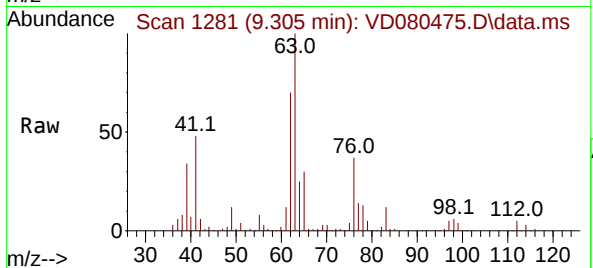
VSTDICCC050

Tgt Ion: 63 Resp: 315224

Ion Ratio Lower Upper

63 100

65 30.0 24.0 36.0



#46

Dibromomethane

Concen: 52.117 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

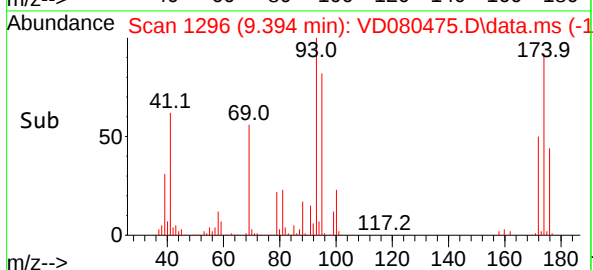
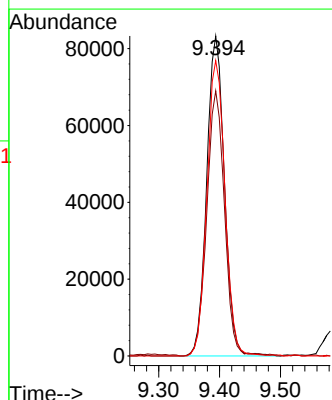
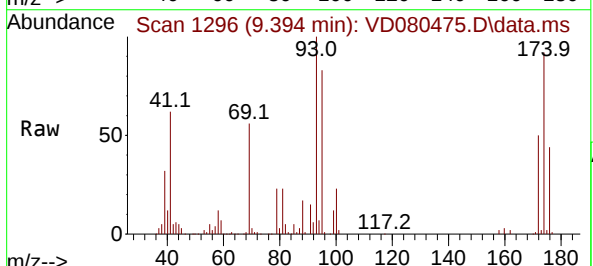
Tgt Ion: 93 Resp: 168629

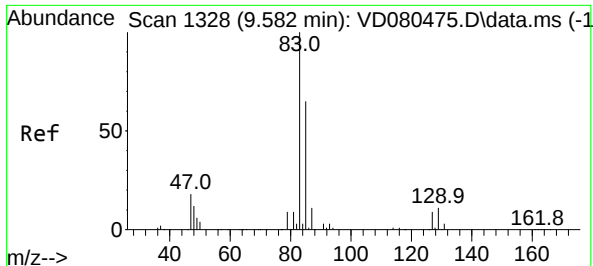
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 94.2 75.4 113.0

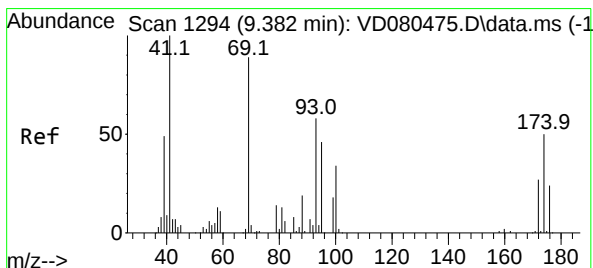
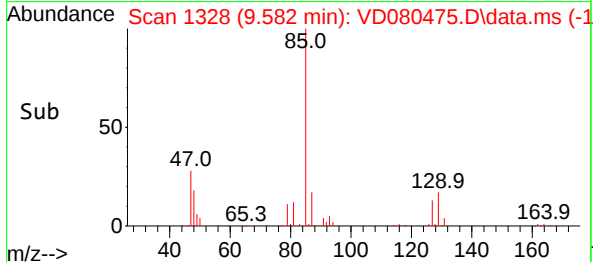
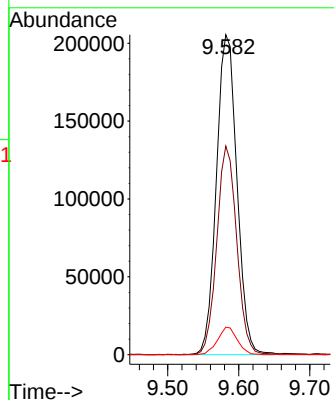
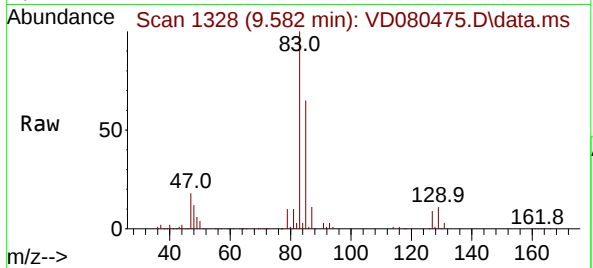




#47
Bromodichloromethane
Concen: 51.373 ug/l
RT: 9.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

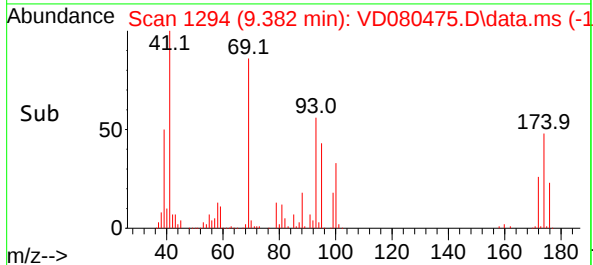
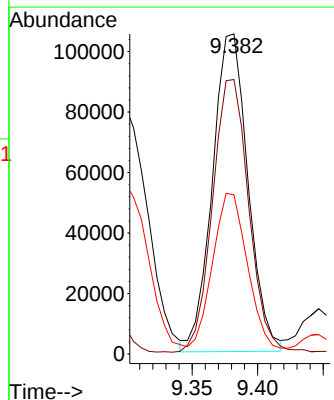
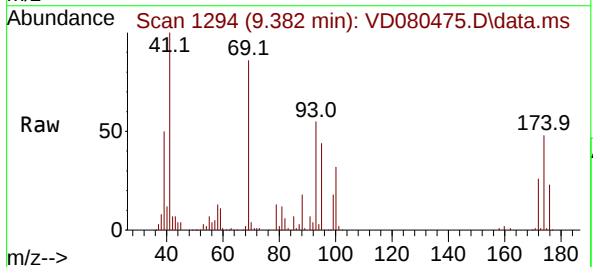
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

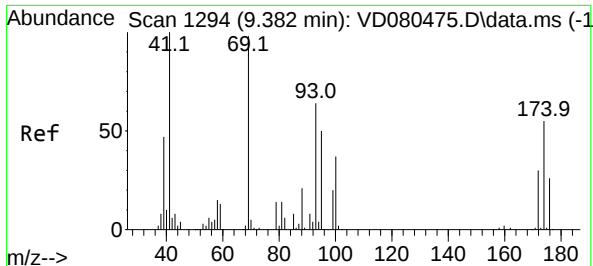
Tgt Ion: 83 Resp: 412092
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.2
127 8.6 6.9 10.3



#48
Methyl methacrylate
Concen: 52.686 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 41 Resp: 198750
Ion Ratio Lower Upper
41 100
69 87.8 70.2 105.4
39 50.2 40.2 60.2





#49

1,4-Dioxane

Concen: 1029.320 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

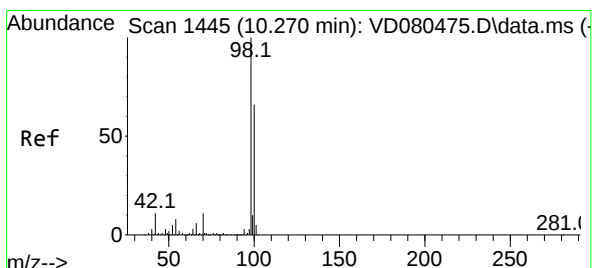
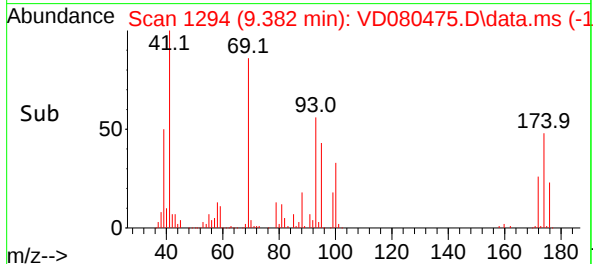
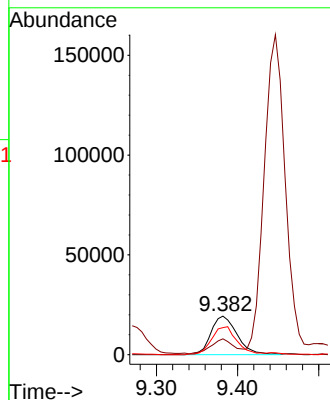
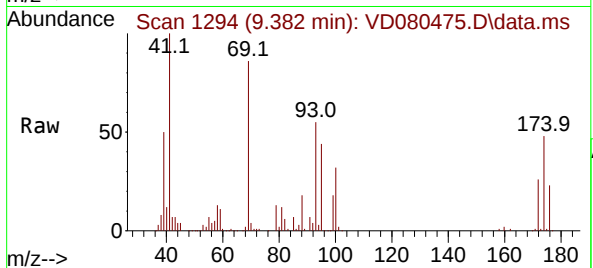
Tgt Ion: 88 Resp: 43205

Ion Ratio Lower Upper

88 100

43 33.4 26.7 40.1

58 70.5 56.4 84.6



#50

Toluene-d8

Concen: 53.926 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080475.D

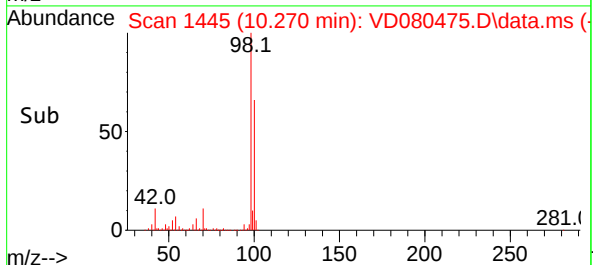
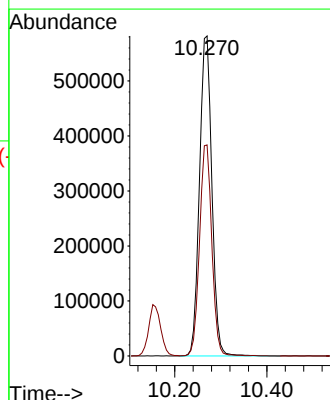
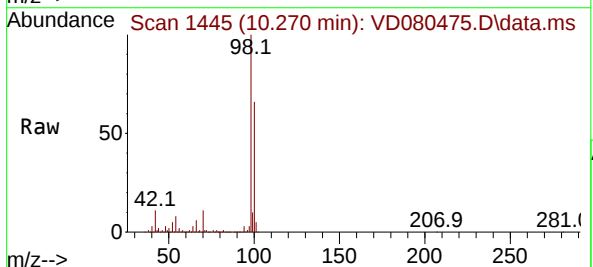
Acq: 26 Jun 2025 11:21

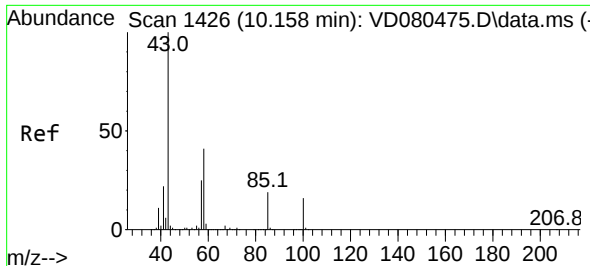
Tgt Ion: 98 Resp: 1087482

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4

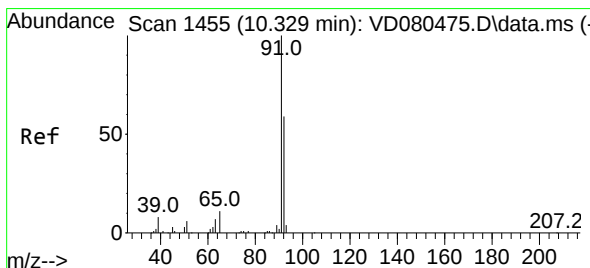
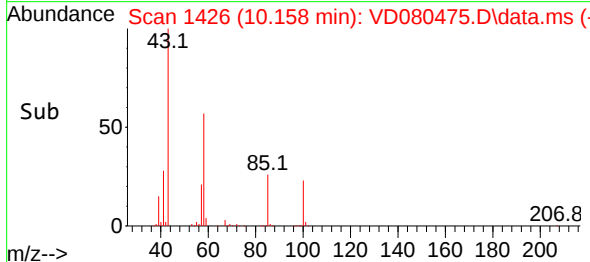
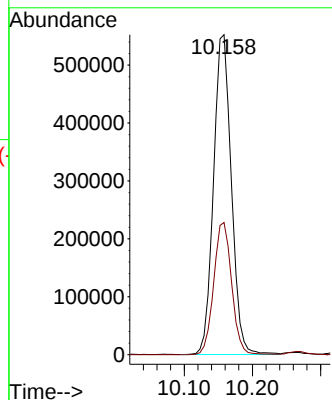
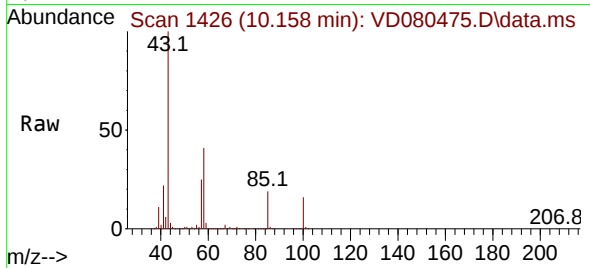




#51
4-Methyl-2-Pentanone
Concen: 265.491 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

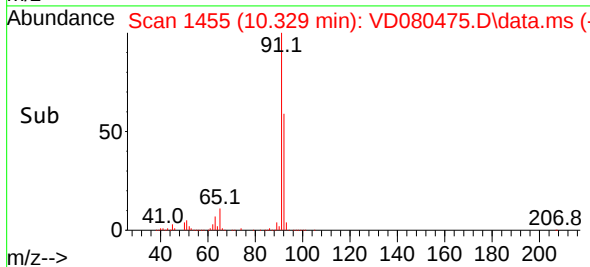
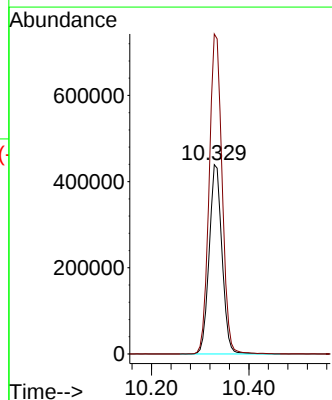
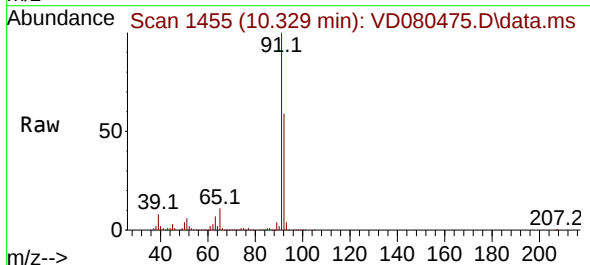
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

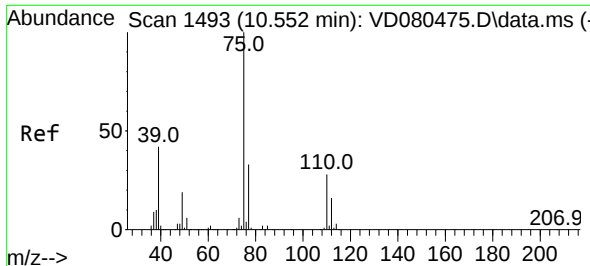
Tgt Ion: 43 Resp: 1005367
Ion Ratio Lower Upper
43 100
58 41.6 33.3 49.9



#52
Toluene
Concen: 50.929 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 92 Resp: 796495
Ion Ratio Lower Upper
92 100
91 171.4 137.1 205.7

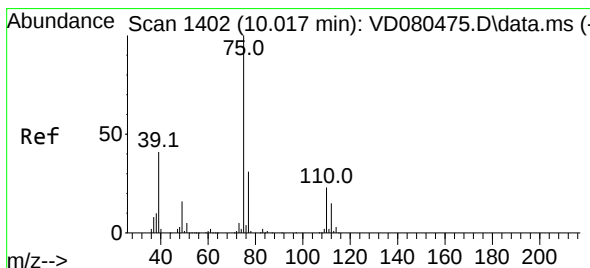
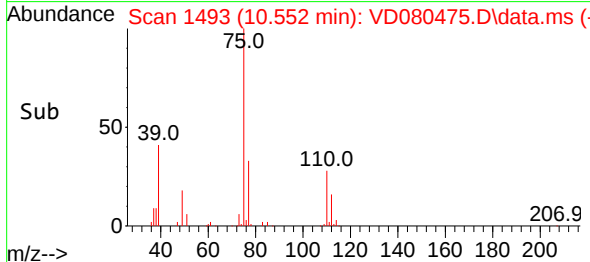
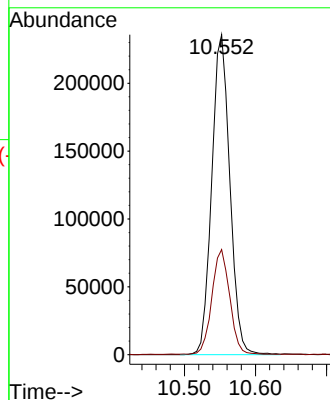
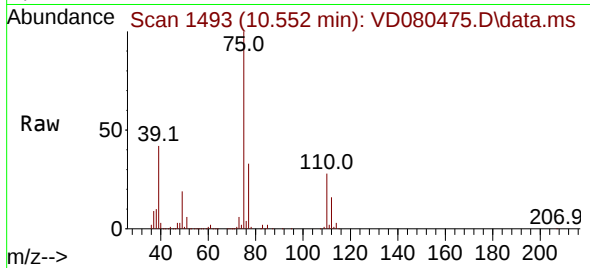




#53
 t-1,3-Dichloropropene
 Concen: 51.910 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080475.D
 Acq: 26 Jun 2025 11:21

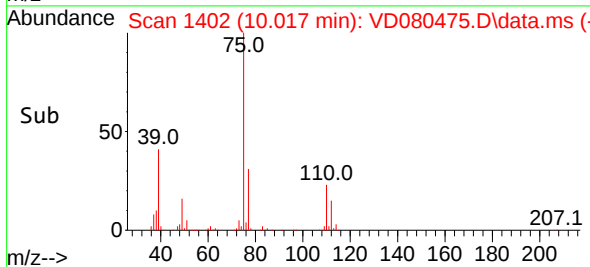
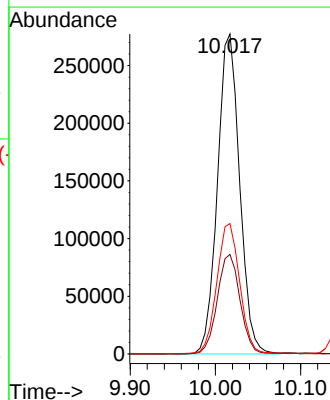
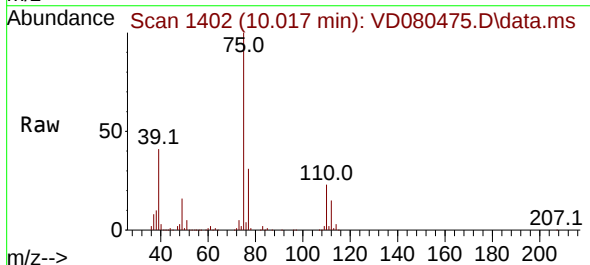
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

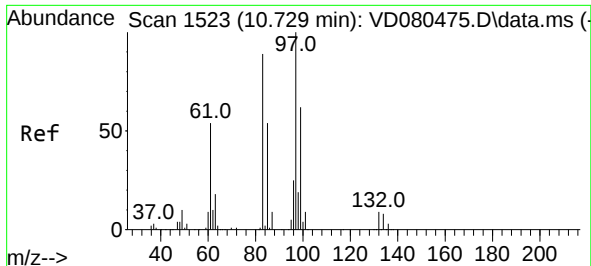
Tgt Ion: 75 Resp: 417058
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.966 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080475.D
 Acq: 26 Jun 2025 11:21

Tgt Ion: 75 Resp: 501568
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3
 39 40.6 32.5 48.7



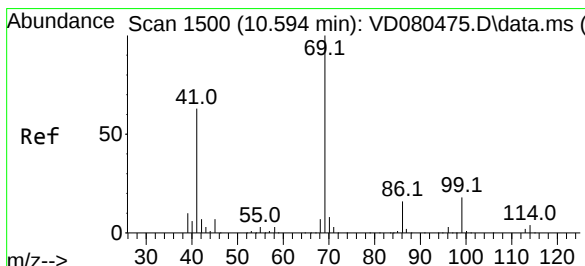
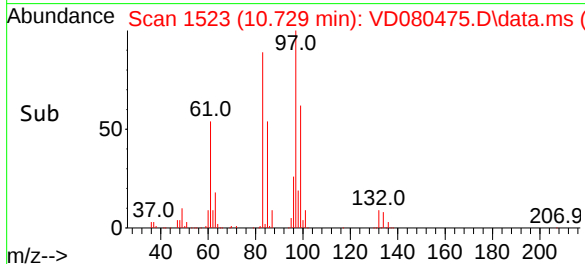
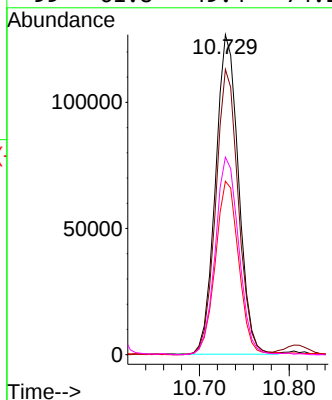
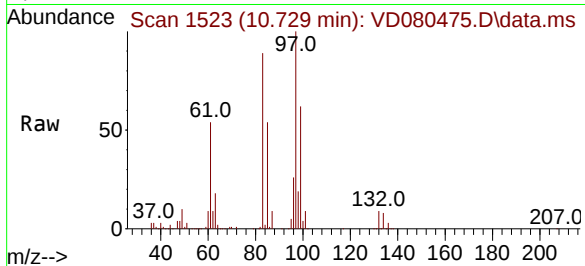


#55
1,1,2-Trichloroethane
Concen: 51.133 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 225535

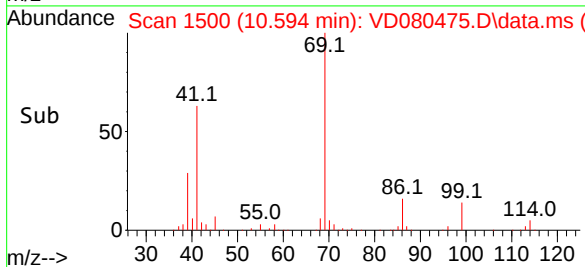
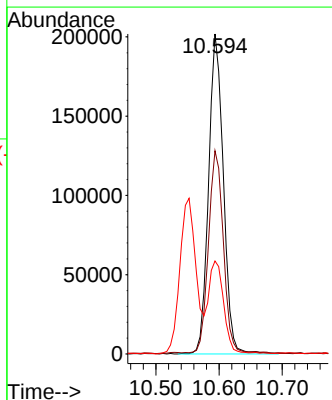
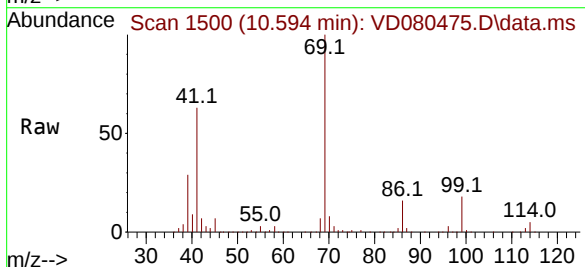
Ion	Ratio	Lower	Upper
97	100		
83	89.3	71.4	107.2
85	54.3	43.4	65.2
99	61.8	49.4	74.2

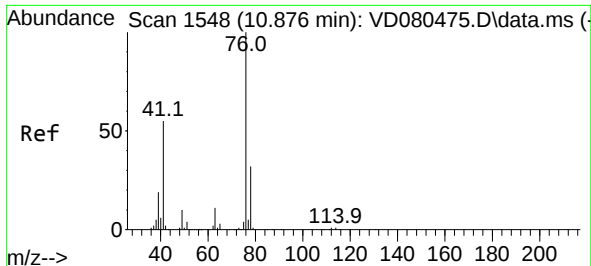


#56
Ethyl methacrylate
Concen: 52.233 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 69 Resp: 328851

Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.7	76.1
39	29.3	23.4	35.2





#57

1,3-Dichloropropane

Concen: 52.177 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

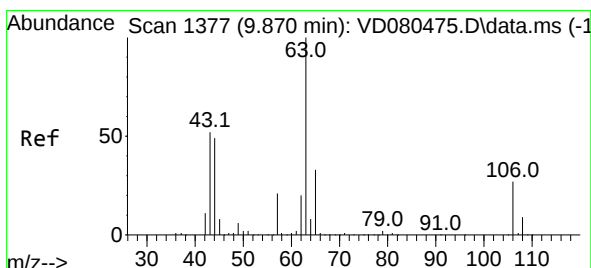
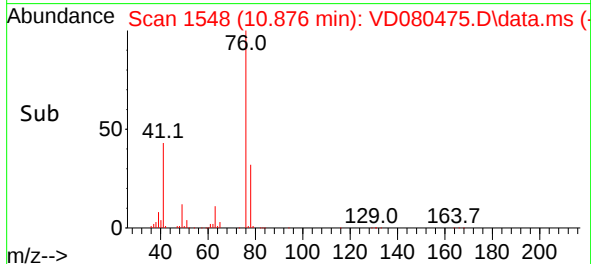
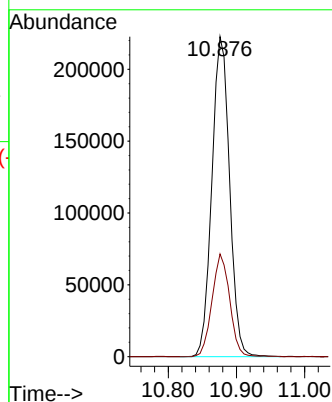
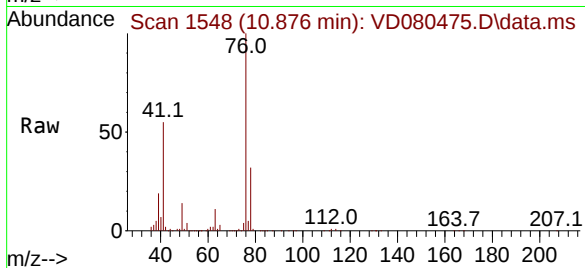
VSTDICCC050

Tgt Ion: 76 Resp: 402666

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 260.135 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080475.D

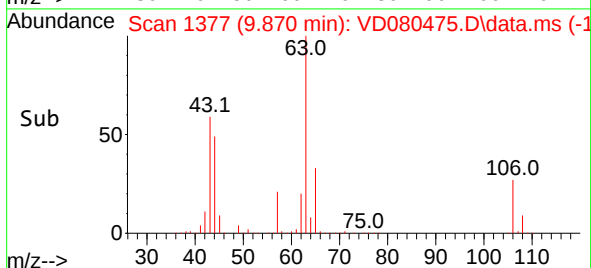
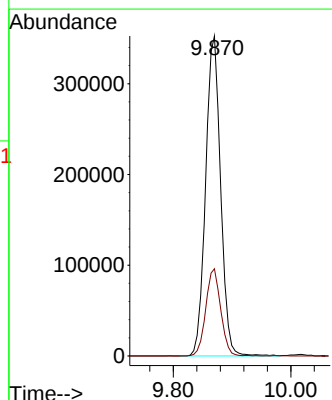
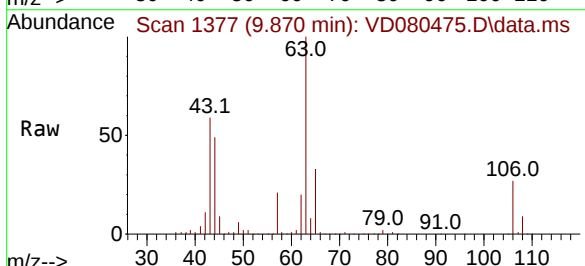
Acq: 26 Jun 2025 11:21

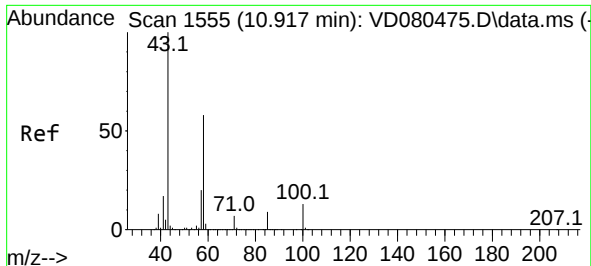
Tgt Ion: 63 Resp: 625496

Ion Ratio Lower Upper

63 100

106 27.1 21.7 32.5

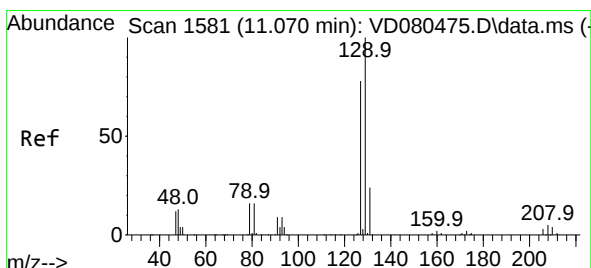
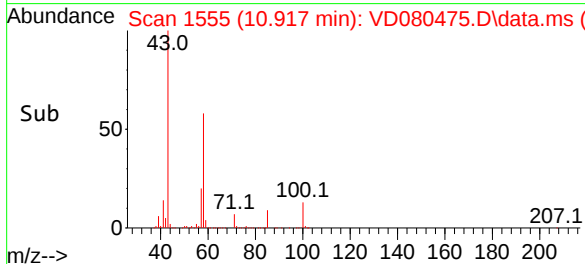
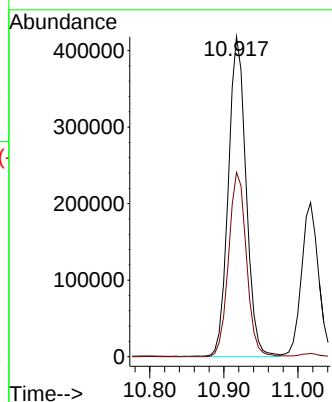
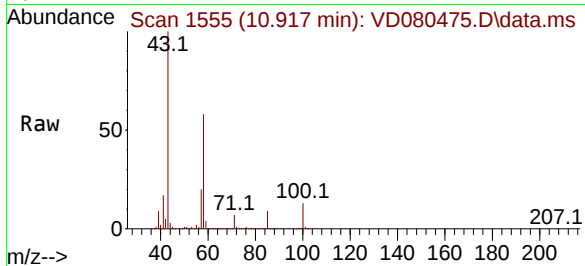




#59
2-Hexanone
Concen: 258.610 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

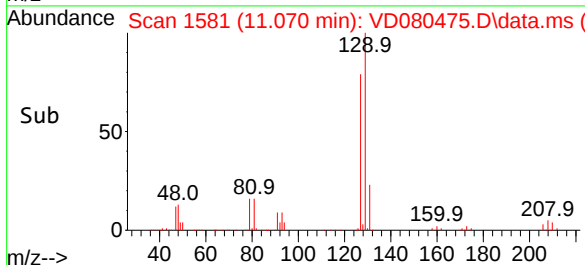
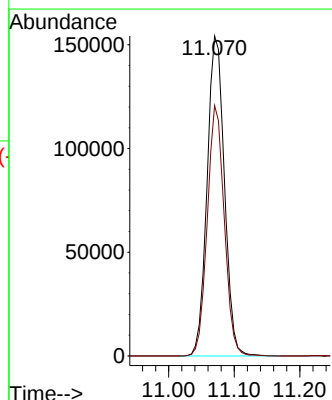
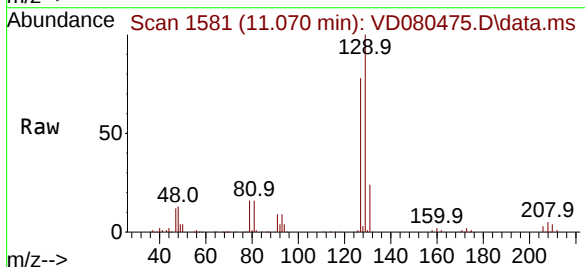
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

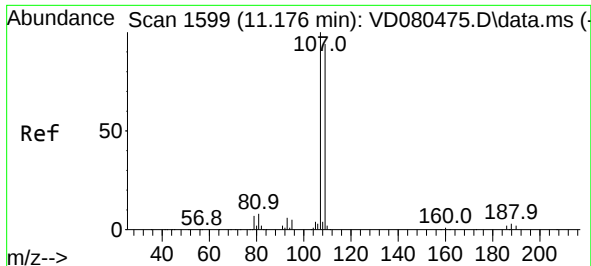
Tgt Ion: 43 Resp: 693105
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.1



#60
Dibromochloromethane
Concen: 52.008 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 129 Resp: 283132
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

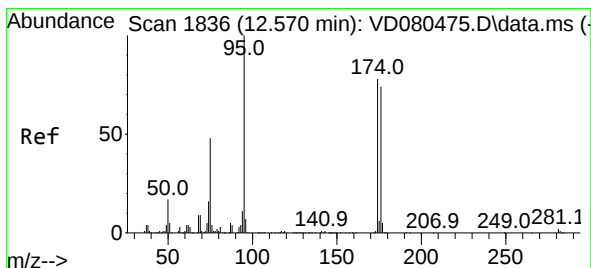
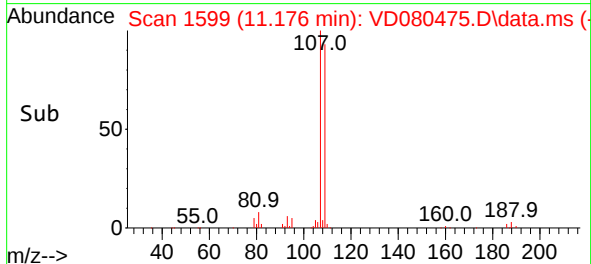
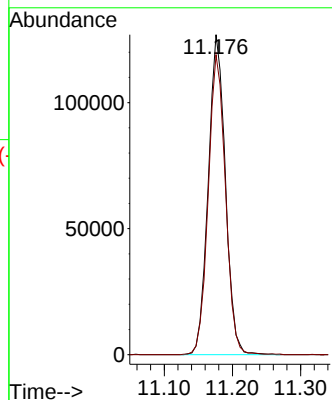
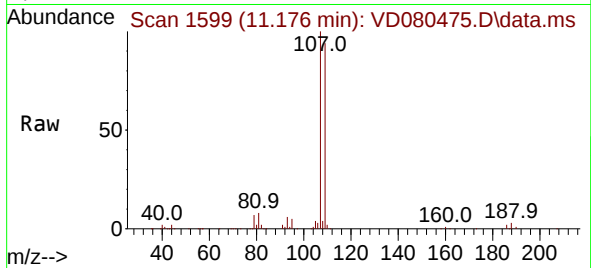




#61
1,2-Dibromoethane
Concen: 52.622 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

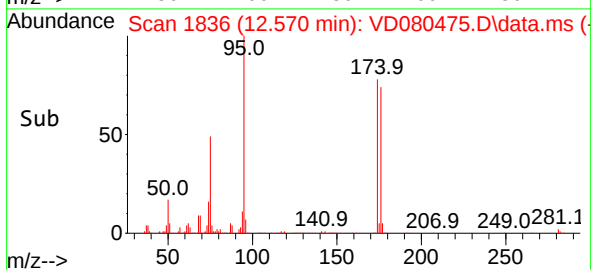
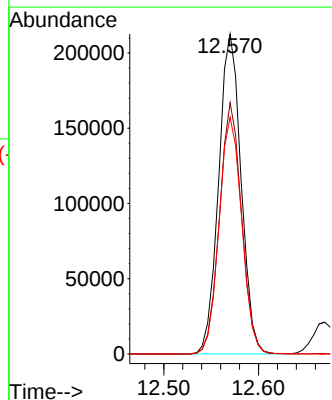
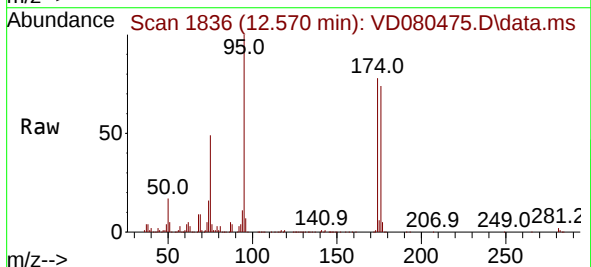
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

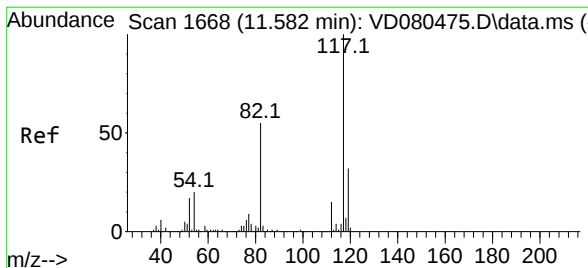
Tgt Ion:107 Resp: 221928
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 52.927 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 95 Resp: 349969
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.0
176 74.8 0.0 149.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

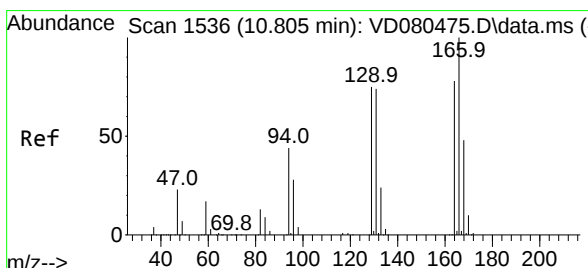
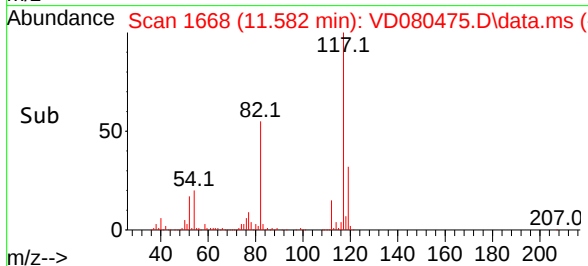
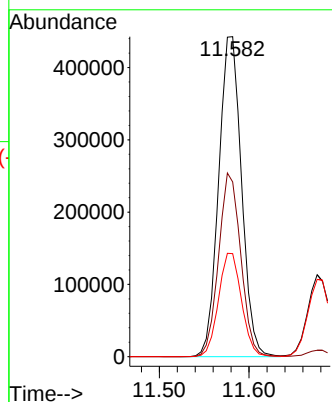
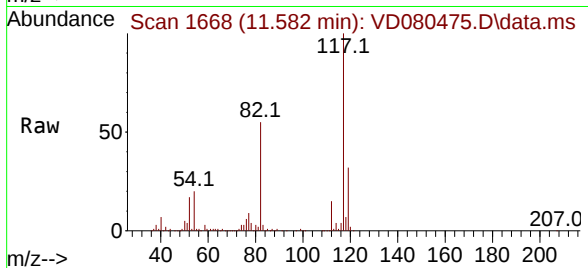
Tgt Ion:117 Resp: 783793

Ion Ratio Lower Upper

117 100

82 54.6 43.7 65.5

119 32.2 25.8 38.6



#64

Tetrachloroethene

Concen: 50.049 ug/l

RT: 10.805 min Scan# 1536

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Tgt Ion:164 Resp: 243471

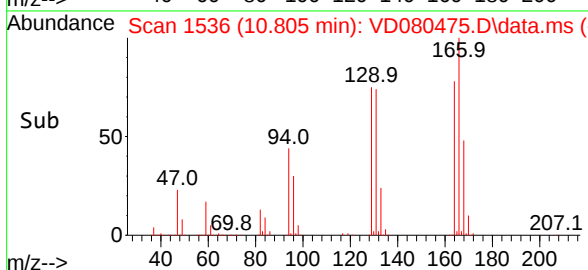
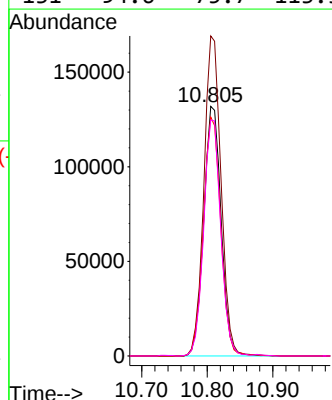
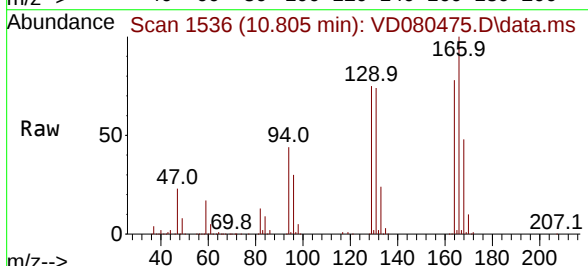
Ion Ratio Lower Upper

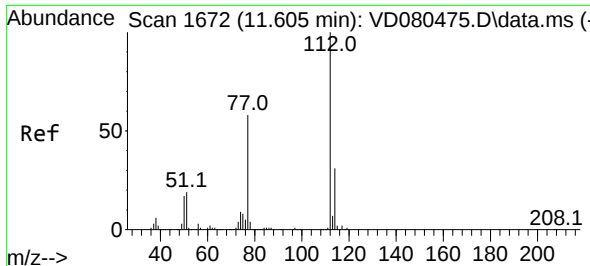
164 100

166 128.2 102.6 153.8

129 95.8 76.6 115.0

131 94.6 75.7 113.5

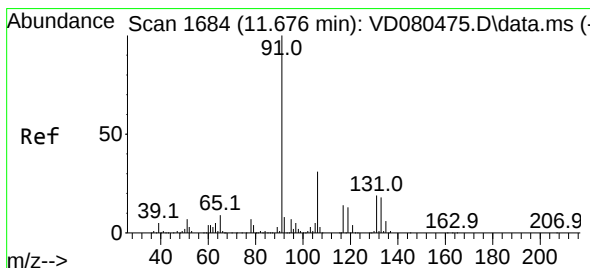
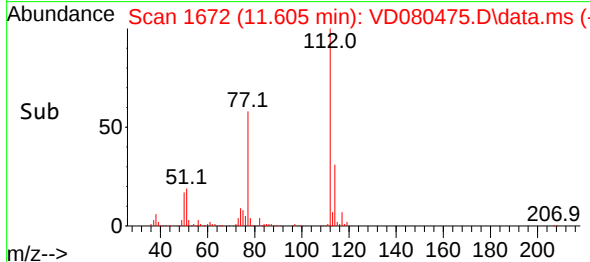
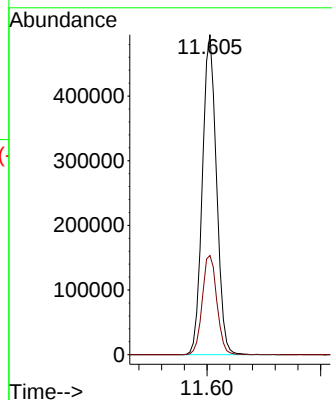
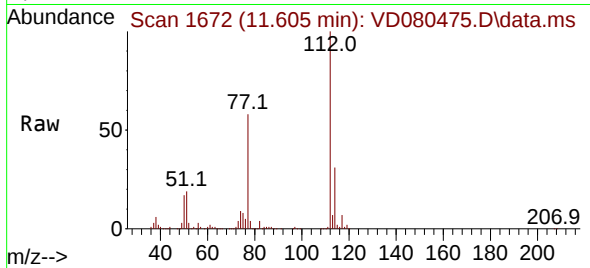




#65
Chlorobenzene
Concen: 50.366 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

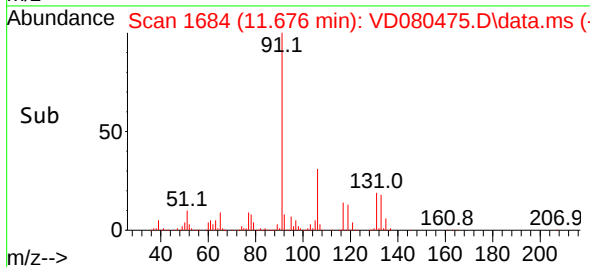
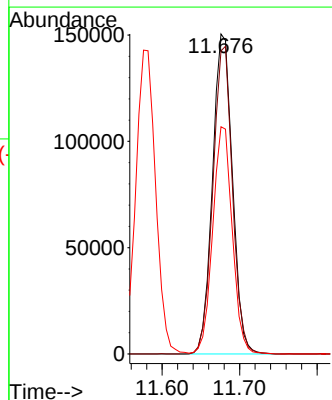
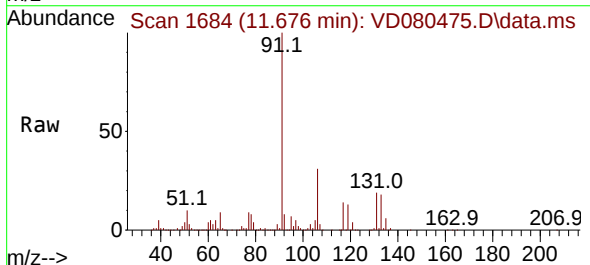
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

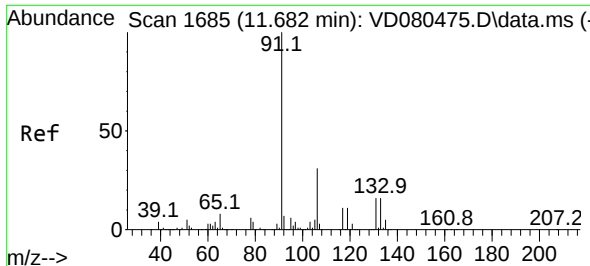
Tgt Ion:112 Resp: 851415
Ion Ratio Lower Upper
112 100
114 31.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.717 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion:131 Resp: 269447
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 69.8 34.9 104.7

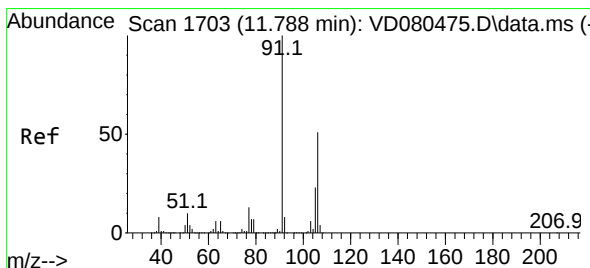
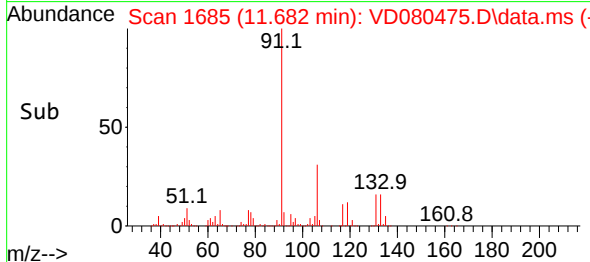
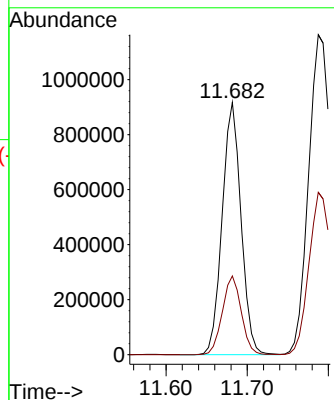
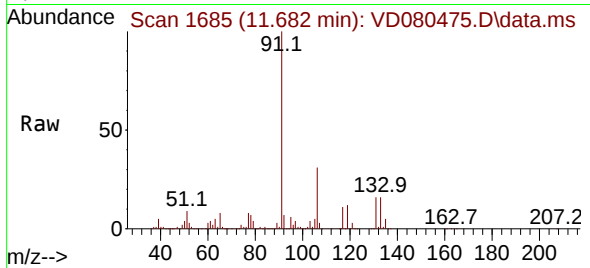




#67
Ethyl Benzene
Concen: 50.127 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

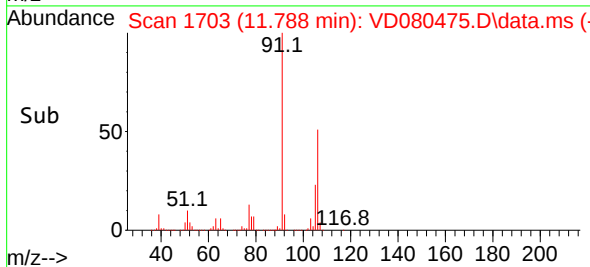
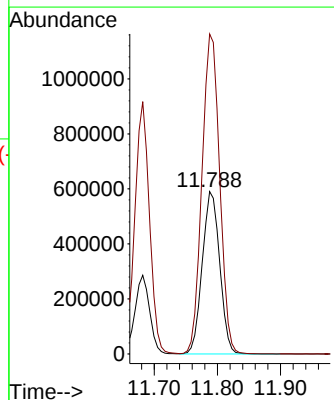
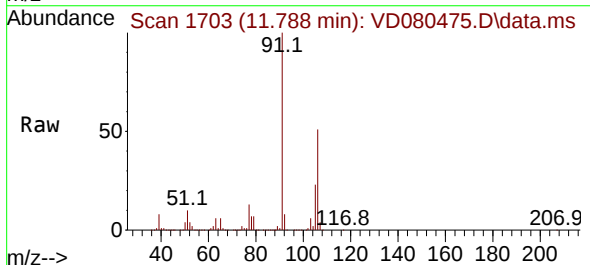
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

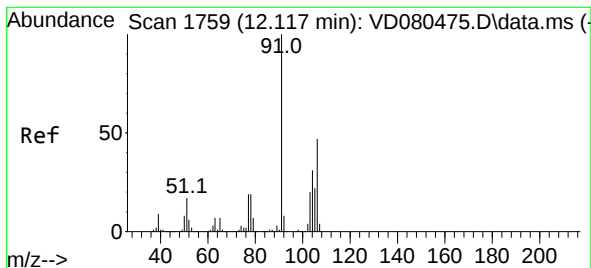
Tgt Ion: 91 Resp: 1482114
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 100.603 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion:106 Resp: 1132682
Ion Ratio Lower Upper
106 100
91 199.9 159.9 239.9





#69

o-Xylene

Concen: 49.697 ug/l

RT: 12.117 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

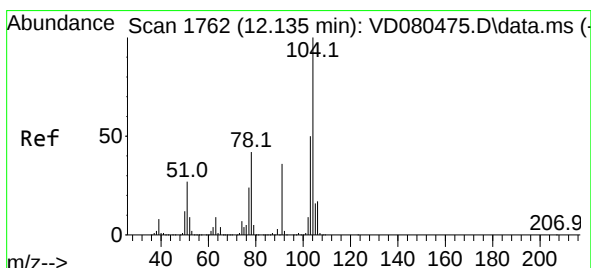
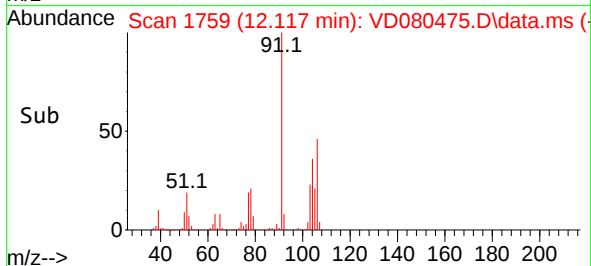
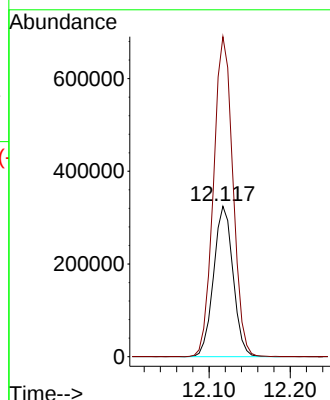
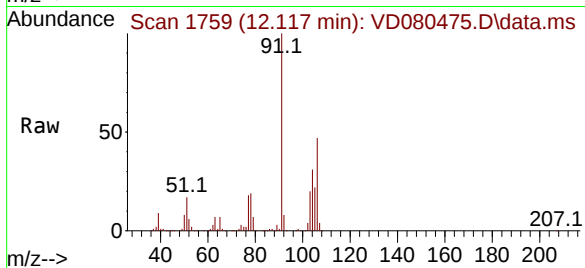
VSTDICCC050

Tgt Ion:106 Resp: 539944

Ion Ratio Lower Upper

106 100

91 213.1 106.5 319.6



#70

Styrene

Concen: 50.346 ug/l

RT: 12.135 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

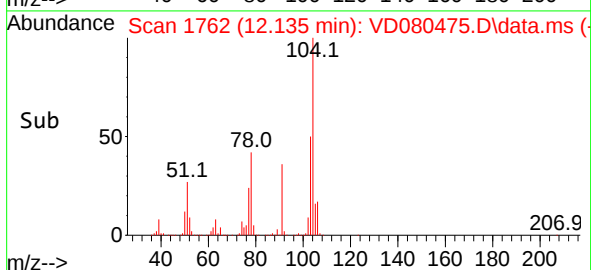
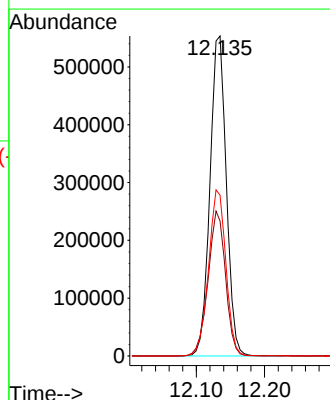
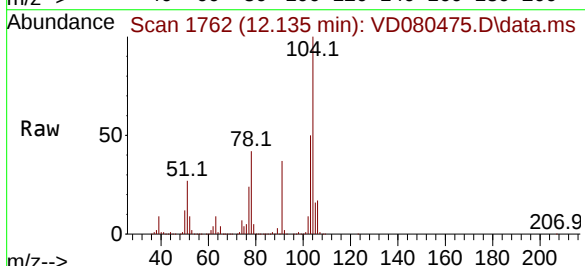
Tgt Ion:104 Resp: 925200

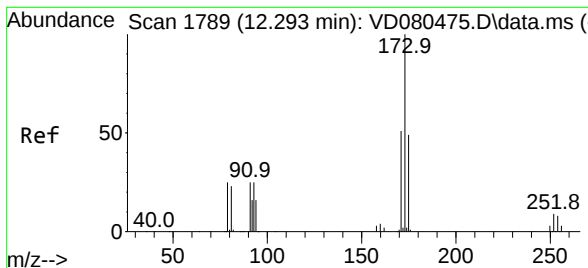
Ion Ratio Lower Upper

104 100

78 48.1 38.5 57.7

103 55.1 44.1 66.1

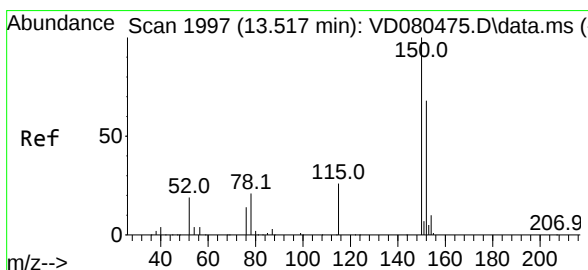
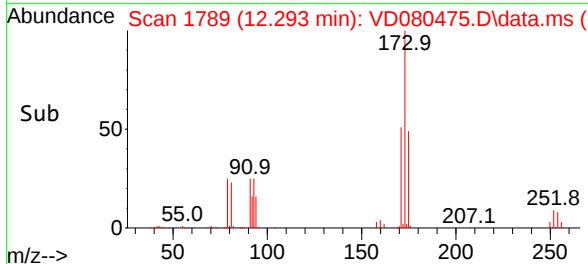
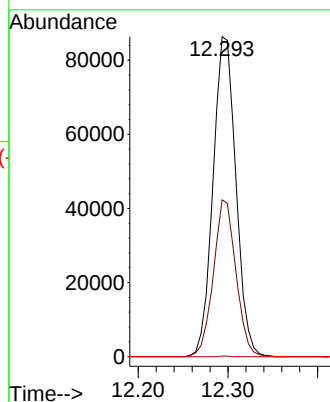
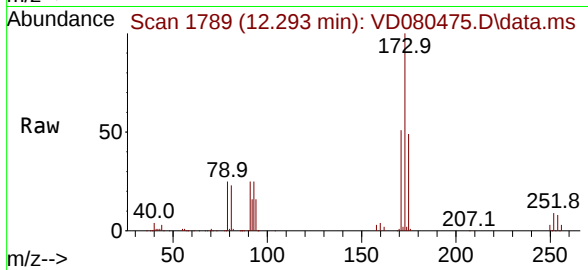




#71
Bromoform
Concen: 50.528 ug/l
RT: 12.293 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

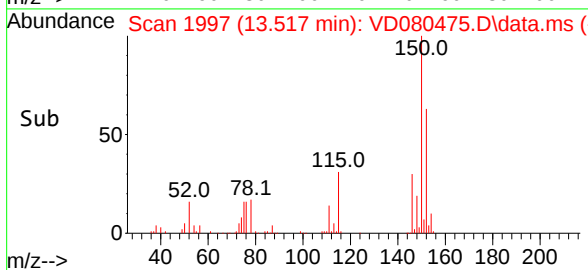
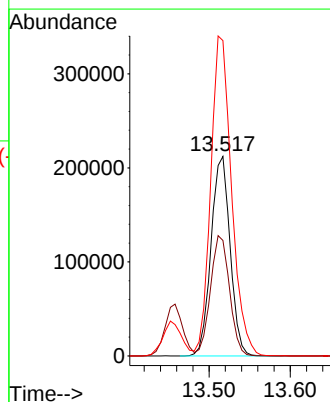
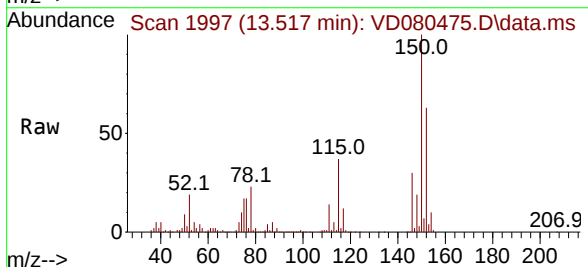
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

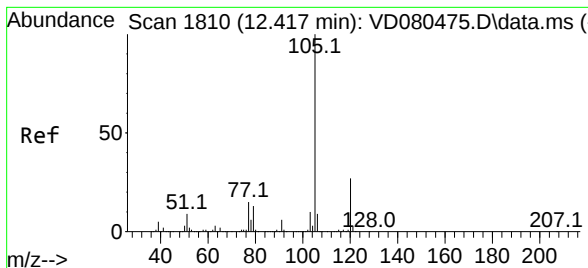
Tgt Ion:173 Resp: 152888
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion:152 Resp: 346145
Ion Ratio Lower Upper
152 100
115 60.4 30.2 90.6
150 175.1 0.0 350.2





#73

Isopropylbenzene

Concen: 50.246 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

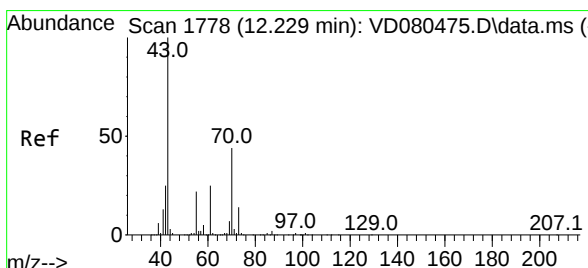
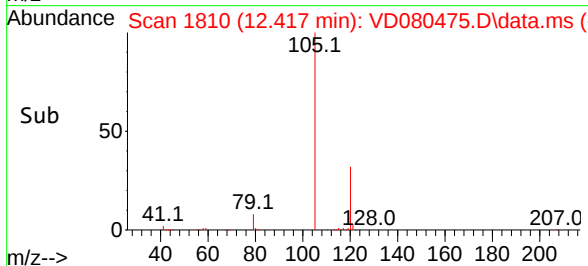
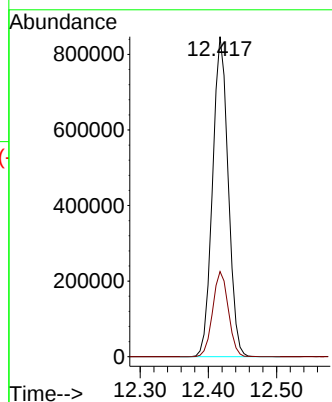
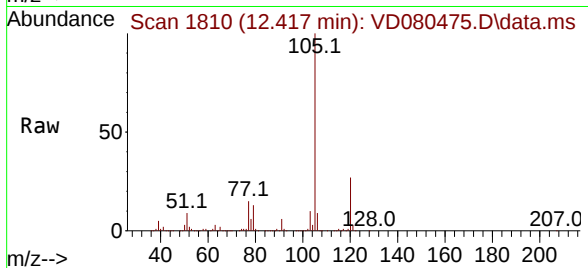
VSTDICCC050

Tgt Ion:105 Resp: 1352049

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 52.441 ug/l

RT: 12.229 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Tgt Ion: 43 Resp: 369480

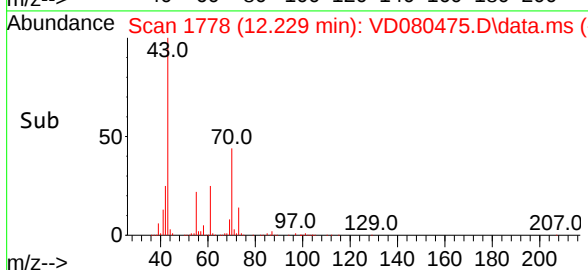
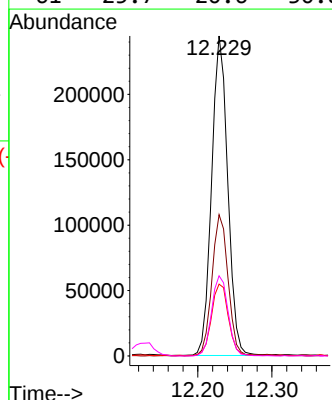
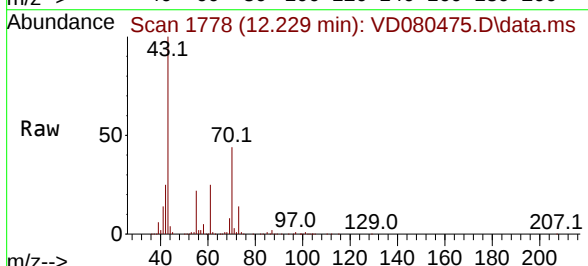
Ion Ratio Lower Upper

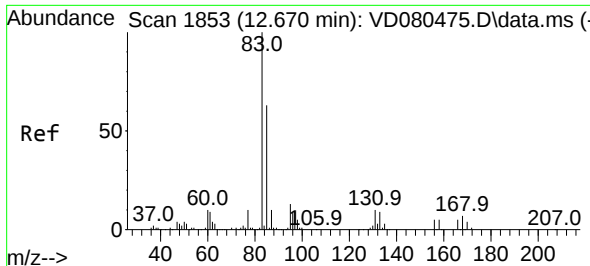
43 100

70 44.3 35.4 53.2

55 23.5 18.8 28.2

61 25.7 20.6 30.8

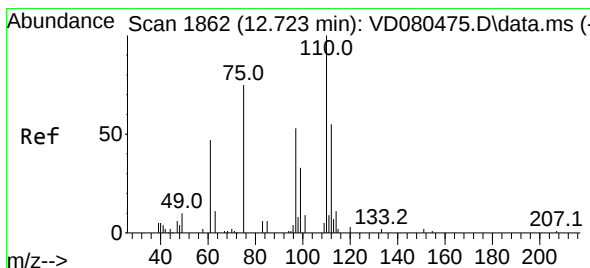
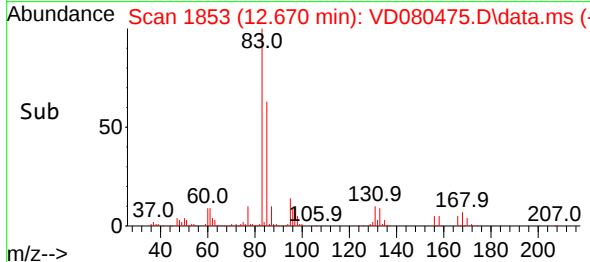
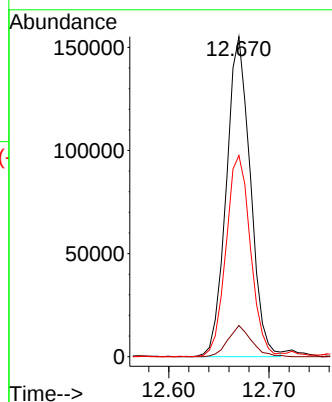
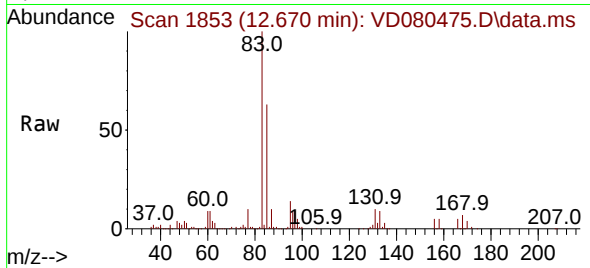




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.543 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080475.D
 Acq: 26 Jun 2025 11:21

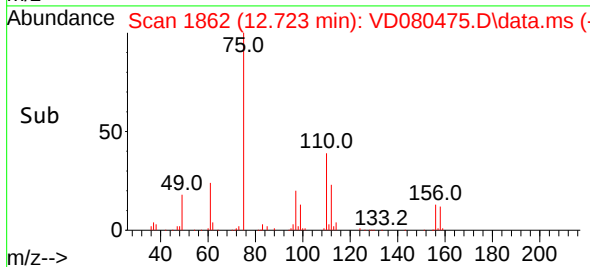
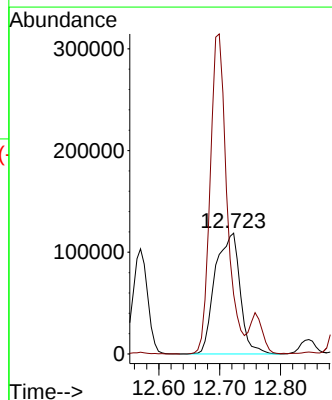
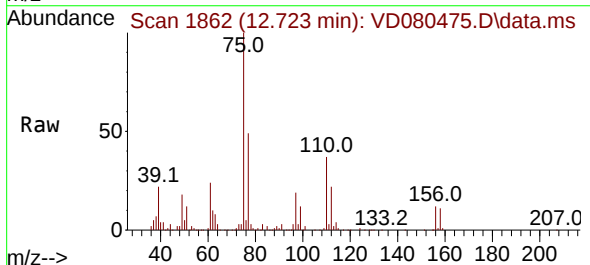
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

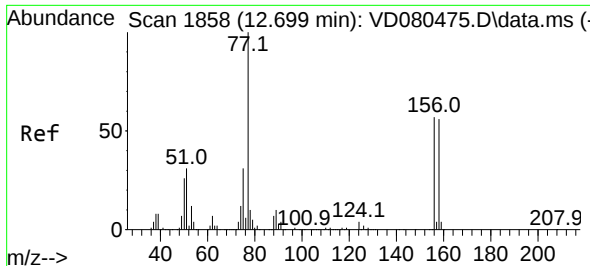
Tgt Ion: 83 Resp: 258255
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.3
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 113.683 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080475.D
 Acq: 26 Jun 2025 11:21

Tgt Ion: 75 Resp: 337124
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

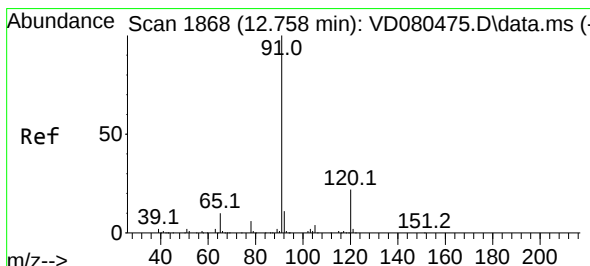
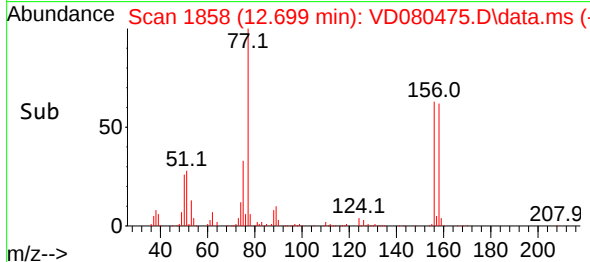
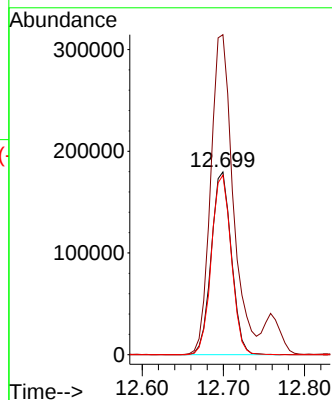
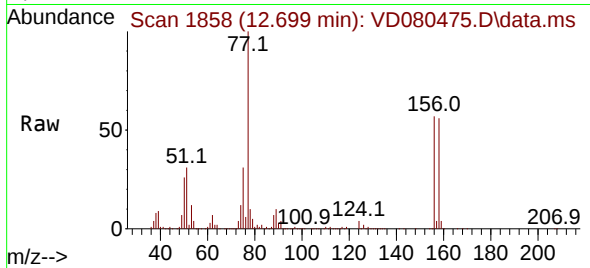




#77
Bromobenzene
Concen: 51.440 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

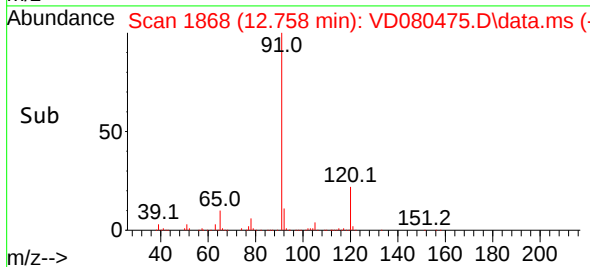
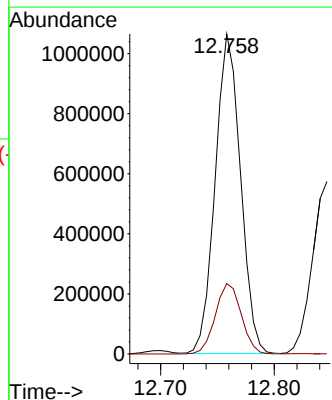
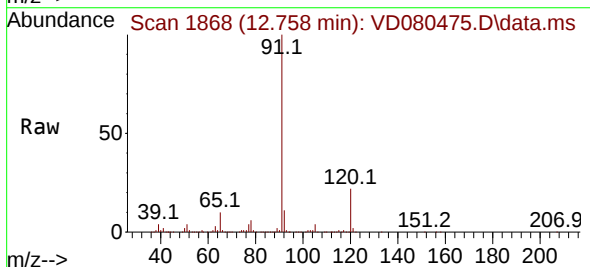
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

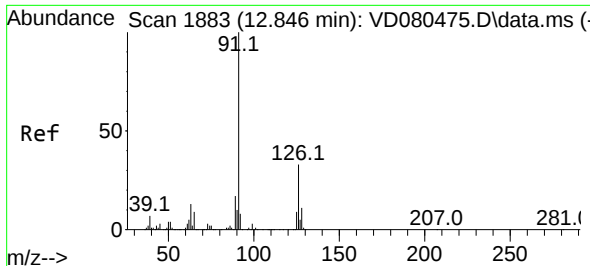
Tgt Ion:156 Resp: 309545
Ion Ratio Lower Upper
156 100
77 194.5 97.3 291.8
158 97.1 48.5 145.6



#78
n-propylbenzene
Concen: 50.795 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 91 Resp: 1645317
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9

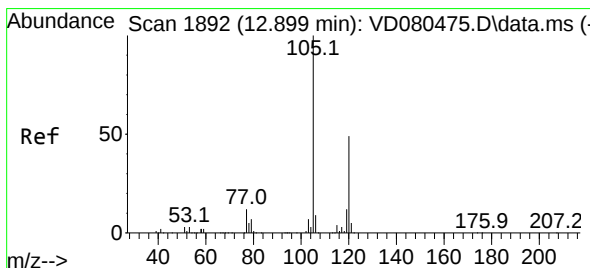
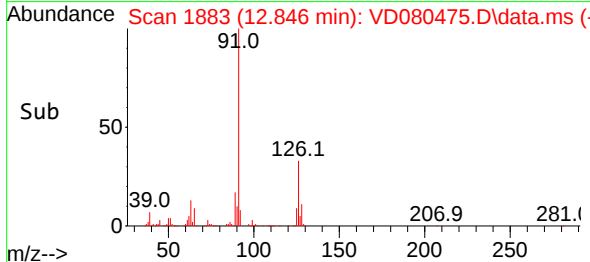
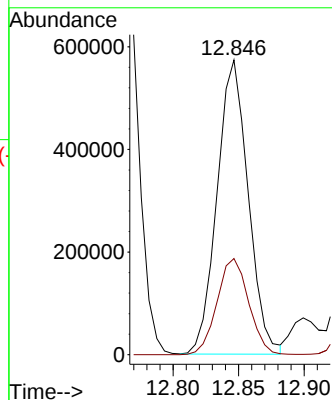
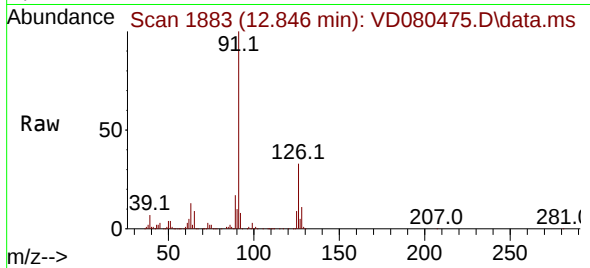




#79
2-Chlorotoluene
Concen: 50.824 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

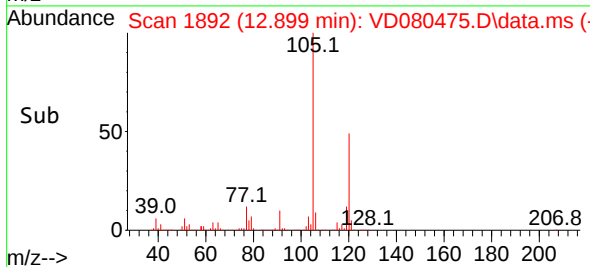
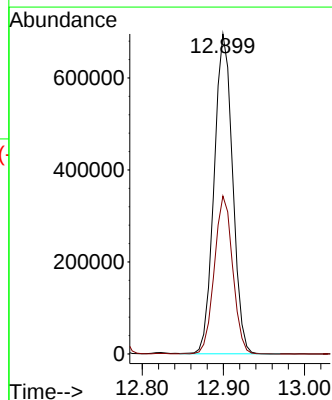
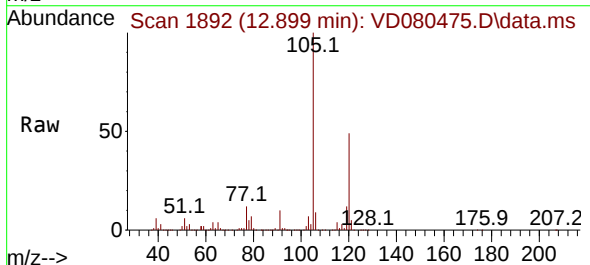
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

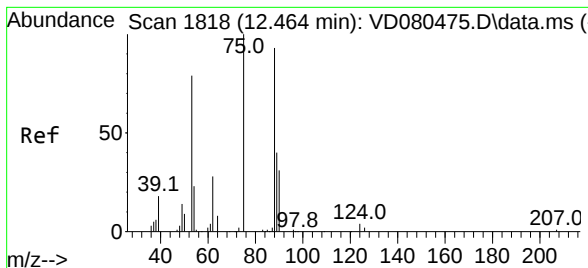
Tgt Ion: 91 Resp: 946819
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 50.414 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 105 Resp: 1100063
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

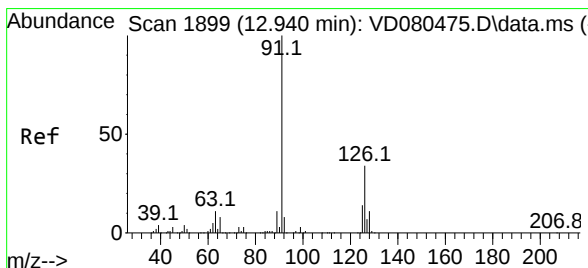
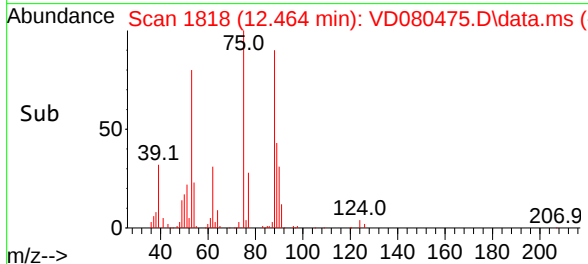
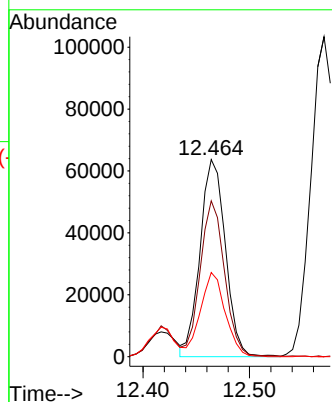
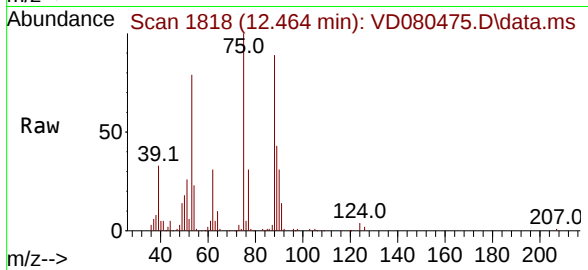




#81
trans-1,4-Dichloro-2-butene
Concen: 53.237 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

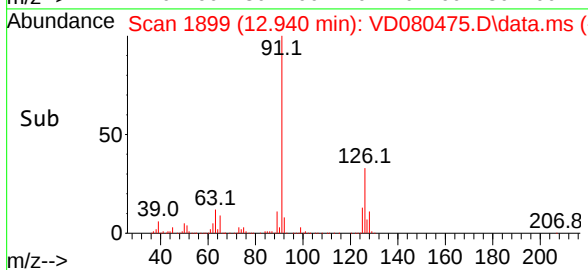
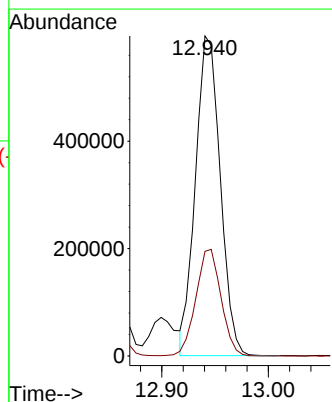
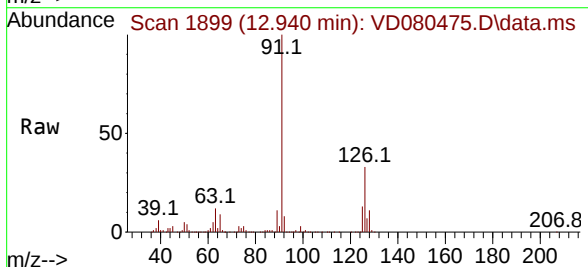
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

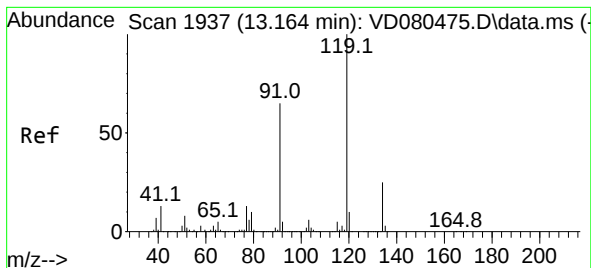
Tgt Ion: 75 Resp: 105415
Ion Ratio Lower Upper
75 100
53 76.9 61.5 92.3
89 41.3 33.0 49.6



#82
4-Chlorotoluene
Concen: 50.391 ug/l
RT: 12.940 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion: 91 Resp: 964228
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9

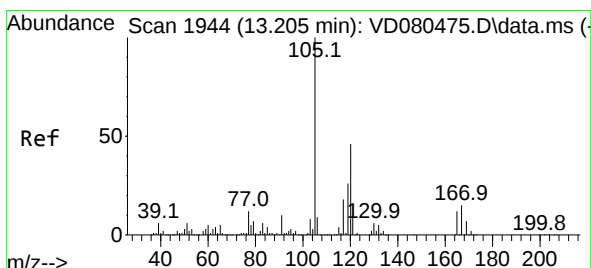
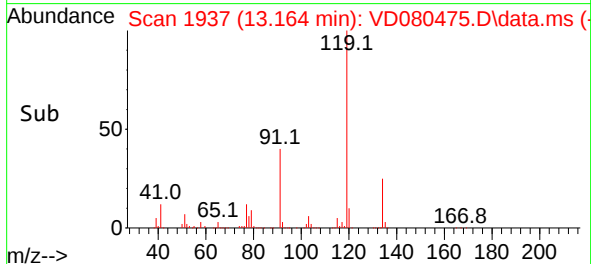
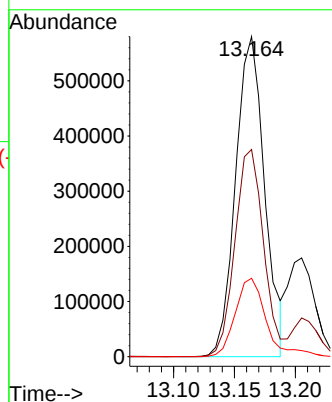
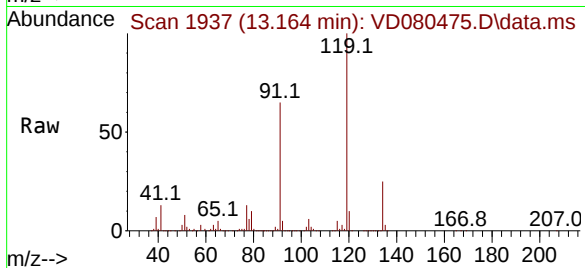




#83
tert-Butylbenzene
Concen: 50.381 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

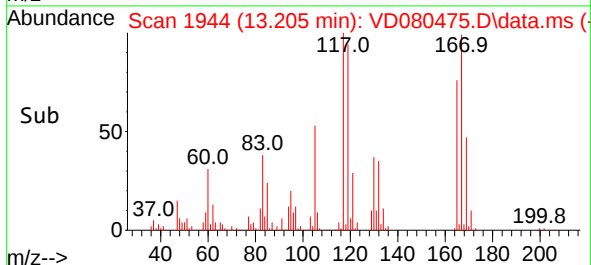
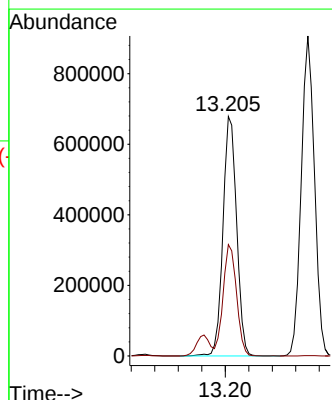
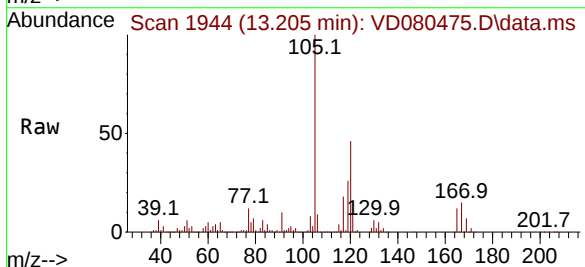
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

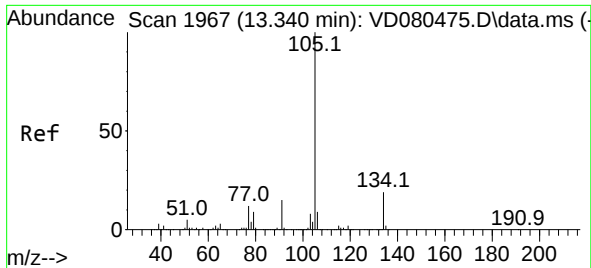
Tgt Ion:119 Resp: 961539
Ion Ratio Lower Upper
119 100
91 64.8 32.4 97.2
134 26.2 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 50.218 ug/l
RT: 13.205 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion:105 Resp: 1093991
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.3

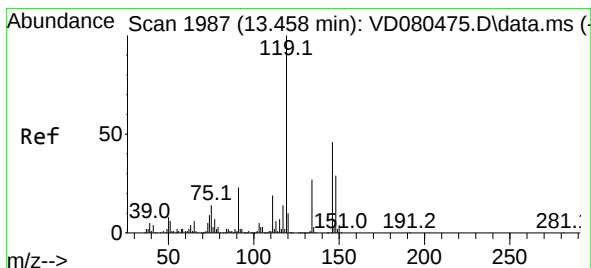
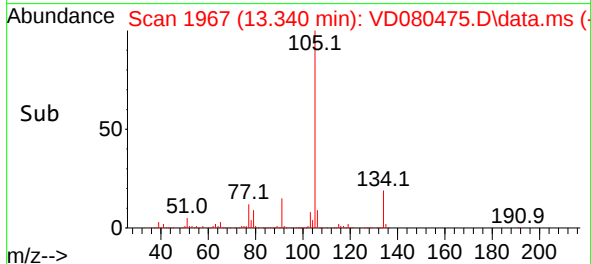
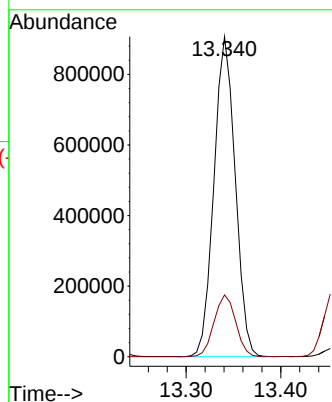
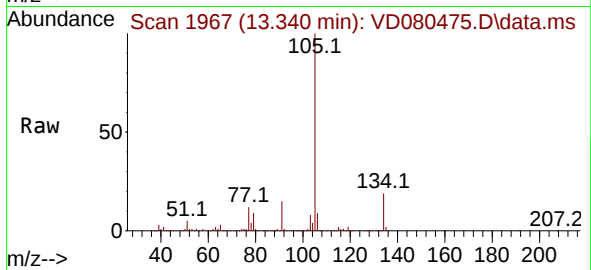




#85
 sec-Butylbenzene
 Concen: 50.219 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080475.D
 Acq: 26 Jun 2025 11:21

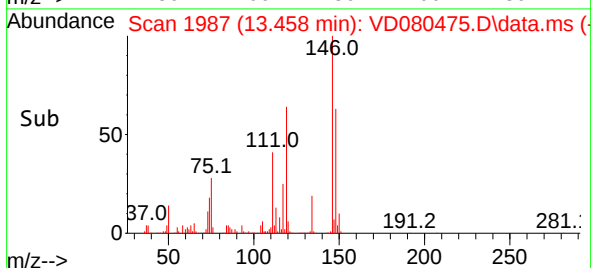
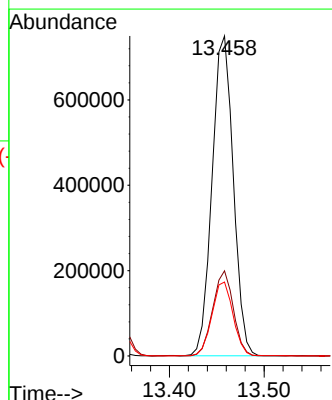
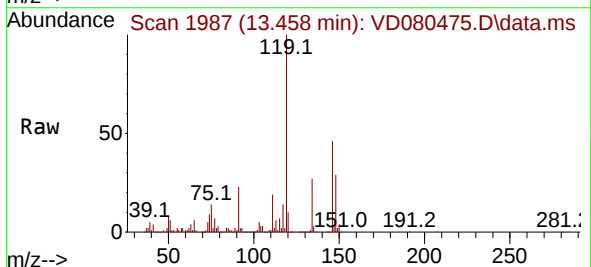
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

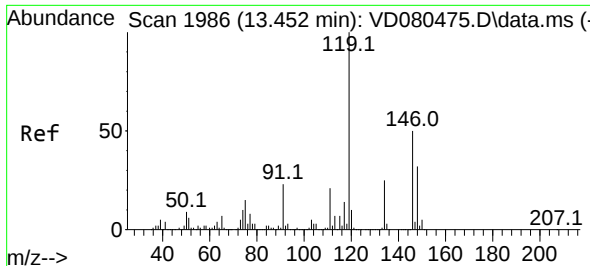
Tgt Ion:105 Resp: 1415647
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.896 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080475.D
 Acq: 26 Jun 2025 11:21

Tgt Ion:119 Resp: 1163983
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 23.0 11.5 34.5

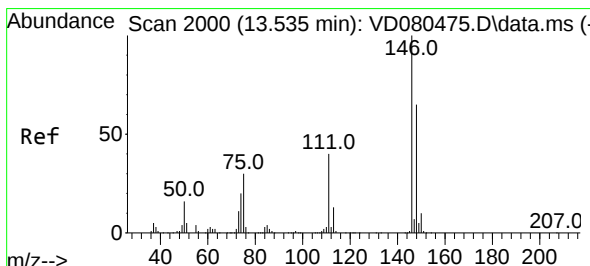
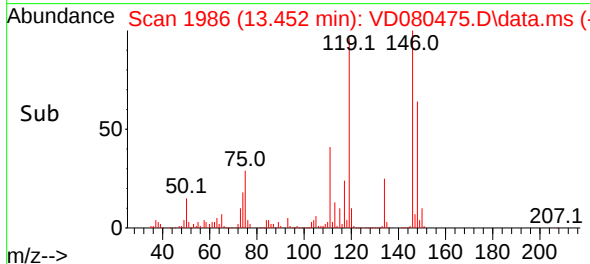
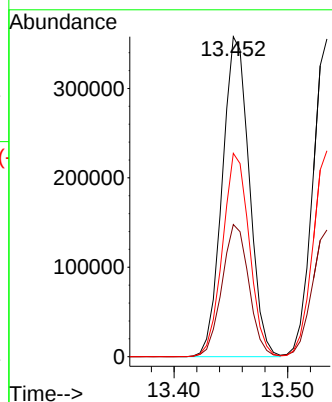
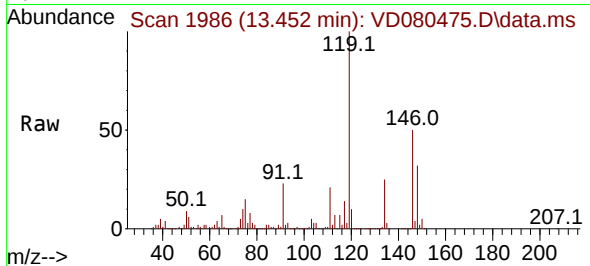




#87
1,3-Dichlorobenzene
Concen: 50.760 ug/l
RT: 13.452 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

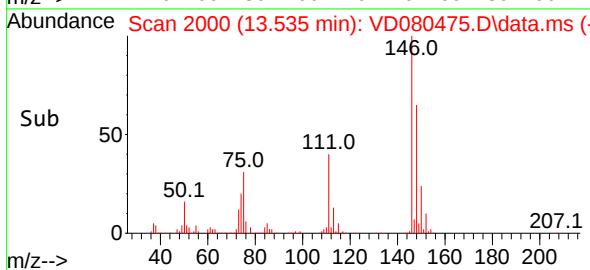
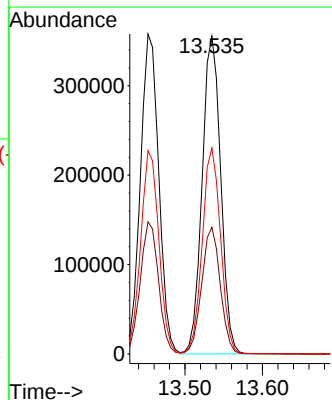
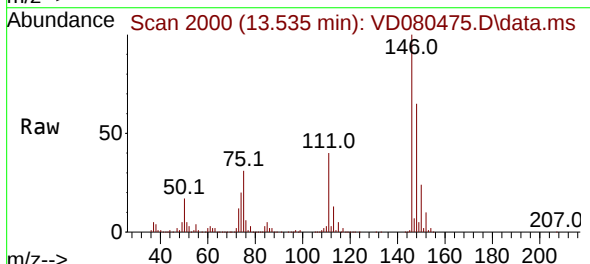
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

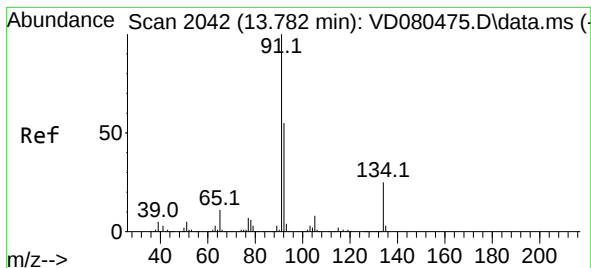
Tgt Ion:146 Resp: 590753
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 63.0 31.5 94.5



#88
1,4-Dichlorobenzene
Concen: 50.738 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080475.D
Acq: 26 Jun 2025 11:21

Tgt Ion:146 Resp: 589411
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 50.040 ug/l

RT: 13.782 min Scan# 2042

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

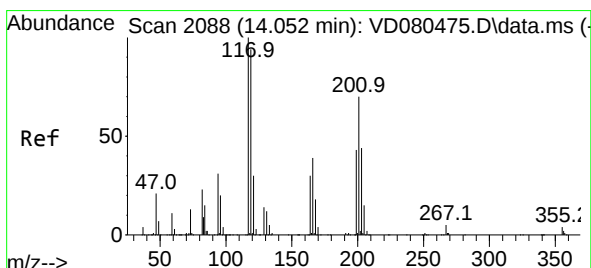
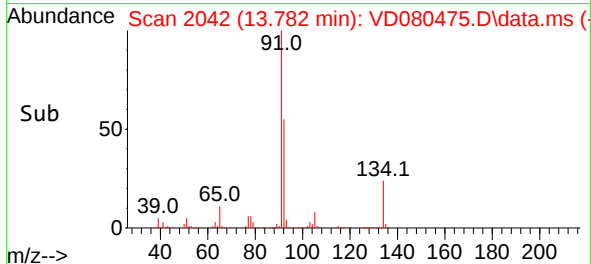
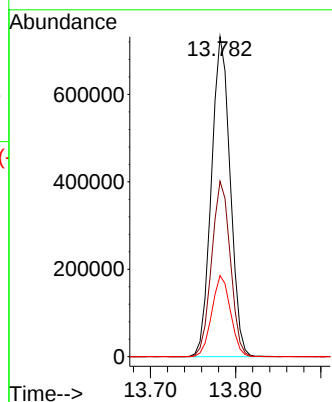
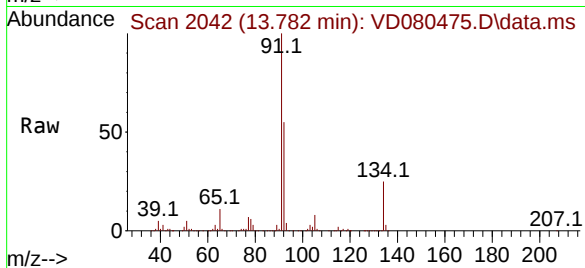
MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1120356

Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.0
134	25.2	12.6	37.8



#90

Hexachloroethane

Concen: 50.012 ug/l

RT: 14.052 min Scan# 2088

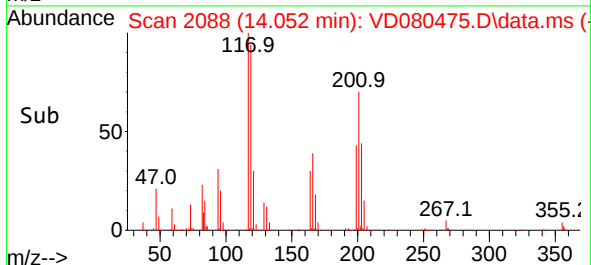
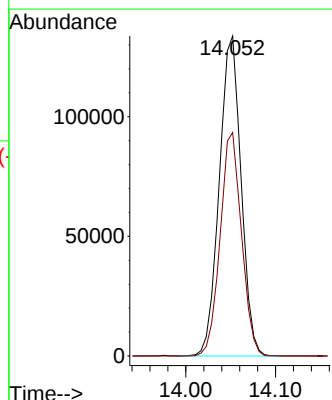
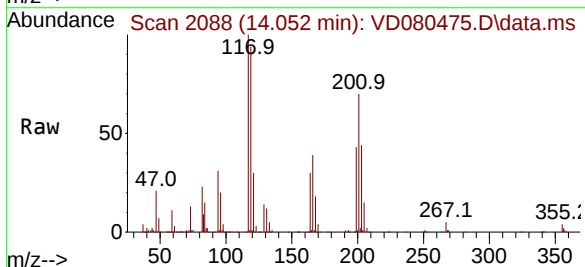
Delta R.T. 0.000 min

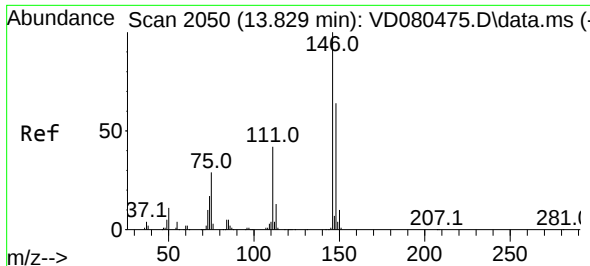
Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Tgt Ion: 117 Resp: 225412

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.2	102.5

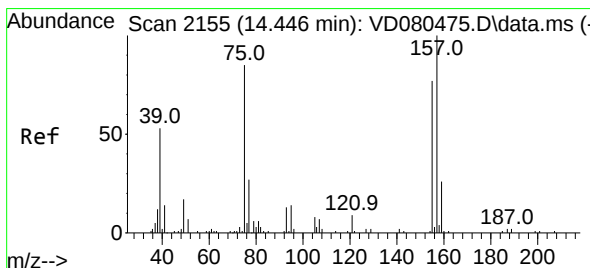
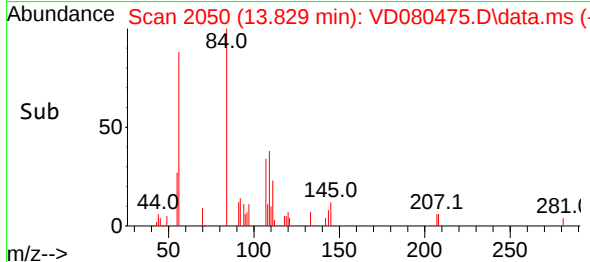
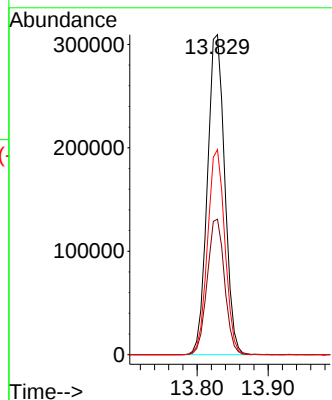
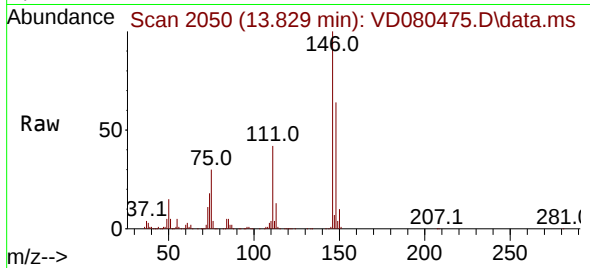




#91
 1,2-Dichlorobenzene
 Concen: 51.213 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080475.D
 Acq: 26 Jun 2025 11:21

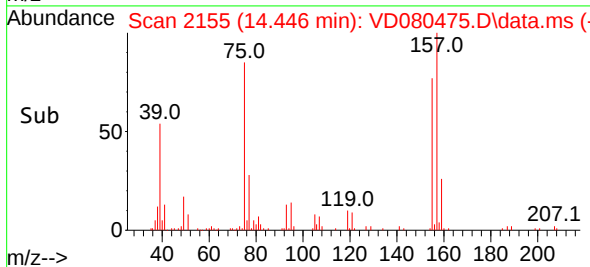
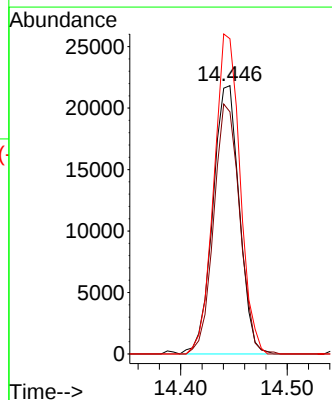
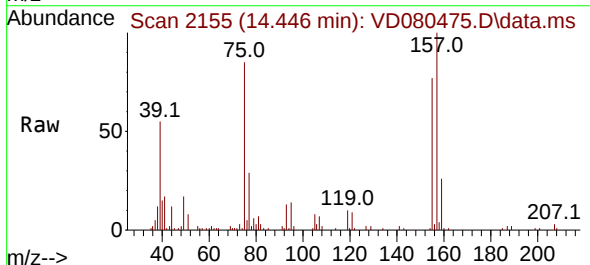
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

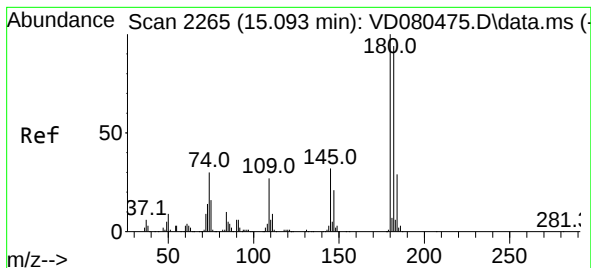
Tgt Ion:146 Resp: 524638
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 63.7
 148 63.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.858 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: VD080475.D
 Acq: 26 Jun 2025 11:21

Tgt Ion: 75 Resp: 37677
 Ion Ratio Lower Upper
 75 100
 155 91.2 45.6 136.8
 157 117.2 58.6 175.8





#93

1,2,4-Trichlorobenzene

Concen: 50.197 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

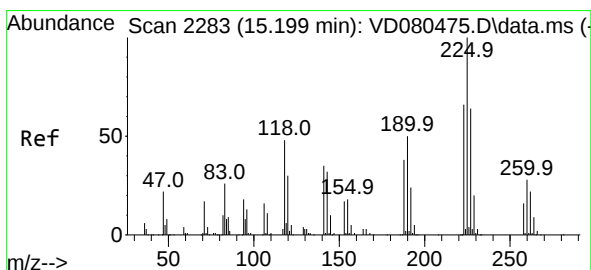
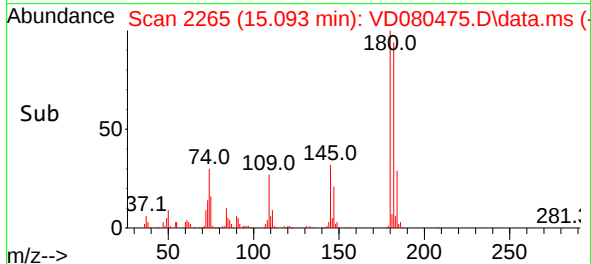
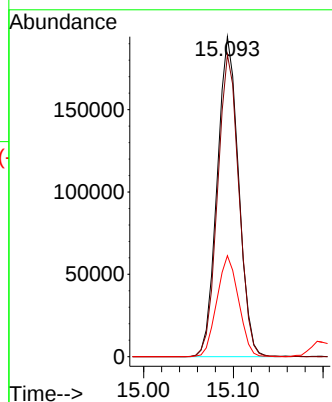
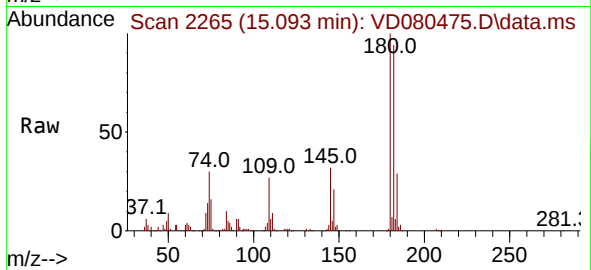
Tgt Ion:180 Resp: 322200

Ion Ratio Lower Upper

180 100

182 93.6 46.8 140.4

145 31.9 16.0 47.9



#94

Hexachlorobutadiene

Concen: 48.607 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

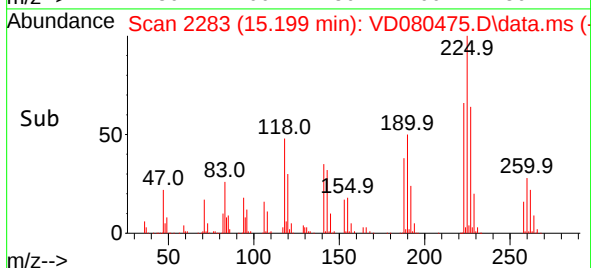
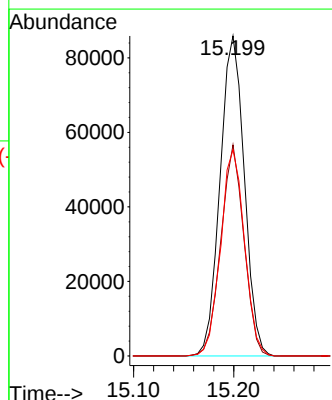
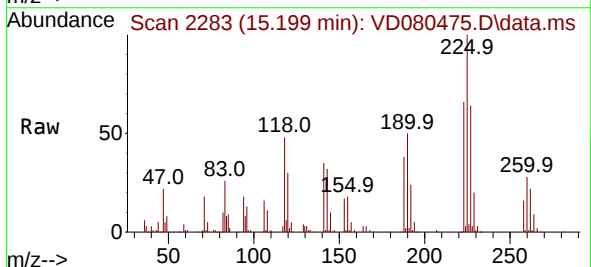
Tgt Ion:225 Resp: 144027

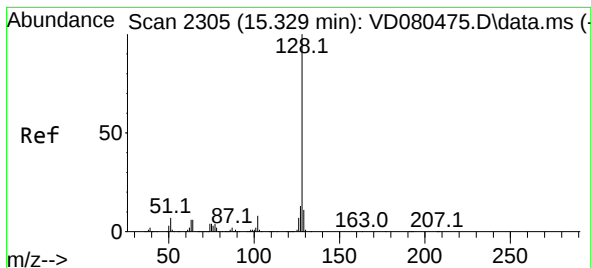
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

227 63.5 31.8 95.3





#95

Naphthalene

Concen: 51.578 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

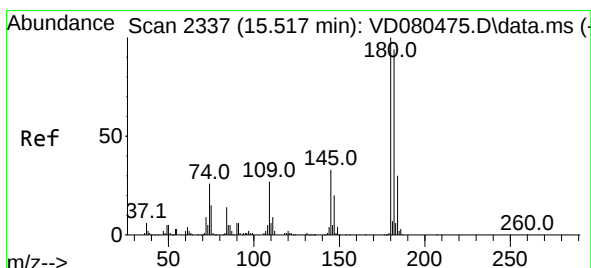
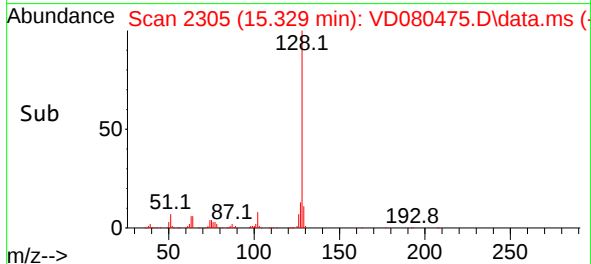
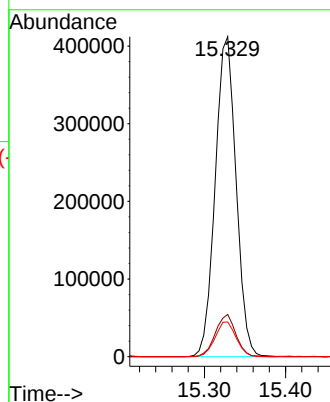
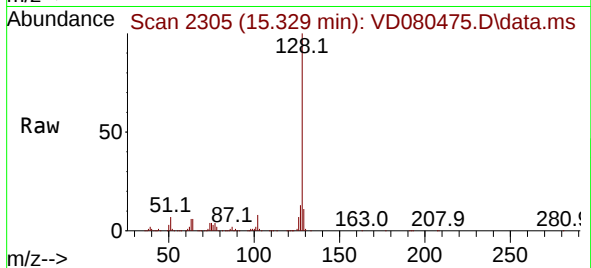
Tgt Ion:128 Resp: 735627

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.976 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080475.D

Acq: 26 Jun 2025 11:21

Tgt Ion:180 Resp: 281338

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 33.4 16.7 50.1

