

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
 Data File : VD080499.D
 Acq On : 27 Aug 2025 11:30
 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: Aug 28 02:49:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 02:42:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	428346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	766426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	673486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	310733	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	215171	44.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.040%
35) Dibromofluoromethane	7.806	113	224344	48.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.520%
50) Toluene-d8	10.270	98	897879	48.657	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.570	95	280298	48.211	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.420%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	155576	42.659	ug/l	100
3) Chloromethane	2.147	50	262517	45.601	ug/l	100
4) Vinyl Chloride	2.288	62	277544	46.714	ug/l	100
5) Bromomethane	2.694	94	148067	44.345	ug/l	100
6) Chloroethane	2.841	64	185305	47.783	ug/l	100
7) Trichlorofluoromethane	3.176	101	325074	46.978	ug/l	100
8) Diethyl Ether	3.594	74	129349	47.172	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	213141	47.470	ug/l	100
10) Methyl Iodide	4.165	142	264666	51.059	ug/l	100
11) Tert butyl alcohol	5.047	59	80726	230.828	ug/l	100
12) 1,1-Dichloroethene	3.947	96	229256	49.011	ug/l	100
13) Acrolein	3.800	56	88615	238.411	ug/l	100
14) Allyl chloride	4.565	41	394620	48.614	ug/l	100
15) Acrylonitrile	5.259	53	296175	242.538	ug/l	100
16) Acetone	4.023	43	280969	248.343	ug/l	100
17) Carbon Disulfide	4.276	76	754677	47.711	ug/l	100
18) Methyl Acetate	4.570	43	145084	45.568	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	593468	48.347	ug/l	100
20) Methylene Chloride	4.806	84	281057	45.223	ug/l	100
21) trans-1,2-Dichloroethene	5.317	96	258173	48.212	ug/l	100
22) Diisopropyl ether	6.217	45	817387	48.923	ug/l	100
23) Vinyl Acetate	6.153	43	2350041	247.178	ug/l	100
24) 1,1-Dichloroethane	6.117	63	469313	48.526	ug/l	100
25) 2-Butanone	7.082	43	387904	242.138	ug/l	100
26) 2,2-Dichloropropane	7.076	77	374252	48.874	ug/l	100
27) cis-1,2-Dichloroethene	7.076	96	313360	49.032	ug/l	100
28) Bromochloromethane	7.429	49	194877	49.445	ug/l	100
29) Tetrahydrofuran	7.447	42	243301	240.338	ug/l	100
30) Chloroform	7.594	83	456385	49.352	ug/l	100
31) Cyclohexane	7.876	56	417282	46.095	ug/l	100
32) 1,1,1-Trichloroethane	7.794	97	373312	48.482	ug/l	100
36) 1,1-Dichloropropene	8.011	75	329117	49.003	ug/l	100
37) Ethyl Acetate	7.170	43	164626	50.973	ug/l	100
38) Carbon Tetrachloride	7.994	117	313410	49.030	ug/l	100
39) Methylcyclohexane	9.270	83	439095	49.118	ug/l	100
40) Benzene	8.253	78	1065483	49.847	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	97313	50.751	ug/l	100
42) 1,2-Dichloroethane	8.329	62	255472	49.344	ug/l	100
43) Isopropyl Acetate	8.358	43	323262	49.194	ug/l	100
44) Trichloroethene	9.029	130	254884	49.151	ug/l	100
45) 1,2-Dichloropropane	9.305	63	261742	49.376	ug/l	100
46) Dibromomethane	9.394	93	142244	50.086	ug/l	100
47) Bromodichloromethane	9.582	83	343973	49.681	ug/l	100
48) Methyl methacrylate	9.382	41	162676	49.938	ug/l	100
49) 1,4-Dioxane	9.388	88	35209	1002.805	ug/l	100
51) 4-Methyl-2-Pentanone	10.158	43	811307	247.566	ug/l	100
52) Toluene	10.329	92	660763	49.569	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	352664	49.981	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	417986	49.535	ug/l	100
55) 1,1,2-Trichloroethane	10.729	97	188873	49.602	ug/l	100
56) Ethyl methacrylate	10.594	69	263760	49.717	ug/l	100
57) 1,3-Dichloropropane	10.876	76	328746	49.193	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	524877	255.662	ug/l	100
59) 2-Hexanone	10.917	43	581854	249.885	ug/l	100
60) Dibromochloromethane	11.070	129	237031	49.394	ug/l	100
61) 1,2-Dibromoethane	11.176	107	182431	50.352	ug/l	100
64) Tetrachloroethene	10.811	164	204787	49.237	ug/l	100
65) Chlorobenzene	11.605	112	722091	50.314	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.682	131	228539	49.925	ug/l	100
67) Ethyl Benzene	11.682	91	1241186	49.966	ug/l	100
68) m/p-Xylenes	11.794	106	962098	100.589	ug/l	100
69) o-Xylene	12.117	106	458065	50.186	ug/l	100
70) Styrene	12.135	104	784497	50.523	ug/l	100
71) Bromoform	12.299	173	128920	49.553	ug/l #	100
73) Isopropylbenzene	12.417	105	1145729	50.325	ug/l	100
74) N-amyl acetate	12.229	43	304511	50.403	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.670	83	210857	49.816	ug/l	100
76) 1,2,3-Trichloropropane	12.723	75	271943	107.229	ug/l #	100
77) Bromobenzene	12.699	156	265912	50.481	ug/l	100
78) n-propylbenzene	12.758	91	1390245	50.290	ug/l	100
79) 2-Chlorotoluene	12.846	91	787642	50.000	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	924818	49.991	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	82680	49.482	ug/l	100
82) 4-Chlorotoluene	12.946	91	811248	50.067	ug/l	100
83) tert-Butylbenzene	13.164	119	800920	49.899	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	930126	49.933	ug/l	100
85) sec-Butylbenzene	13.341	105	1190331	49.689	ug/l	100
86) p-Isopropyltoluene	13.458	119	996345	49.720	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	512877	50.499	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	506699	49.684	ug/l	100
89) n-Butylbenzene	13.782	91	959340	50.255	ug/l	100
90) Hexachloroethane	14.052	117	187882	48.473	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	451489	49.955	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	30226	47.585	ug/l	100
93) 1,2,4-Trichlorobenzene	15.099	180	279730	49.400	ug/l	100
94) Hexachlorobutadiene	15.199	225	124423	48.344	ug/l	100
95) Naphthalene	15.329	128	592796	49.212	ug/l	100
96) 1,2,3-Trichlorobenzene	15.517	180	240693	49.654	ug/l	100

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ClientSampleId :
VSTDICCC050

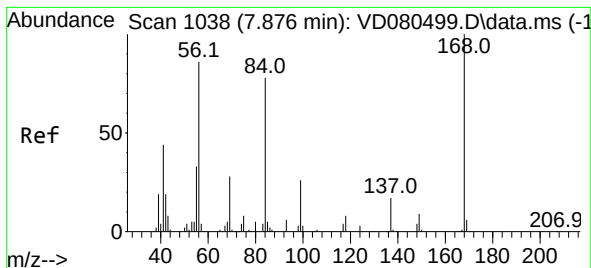
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QLast Update : Thu Aug 28 02:42:08 2025
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

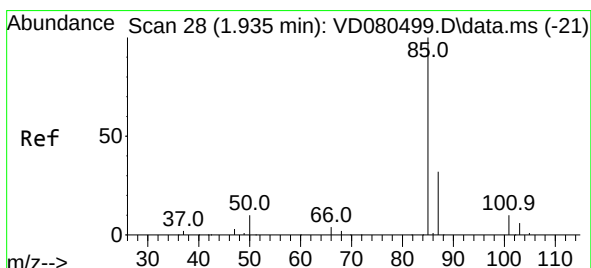
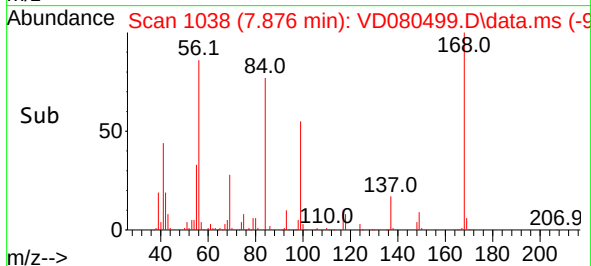
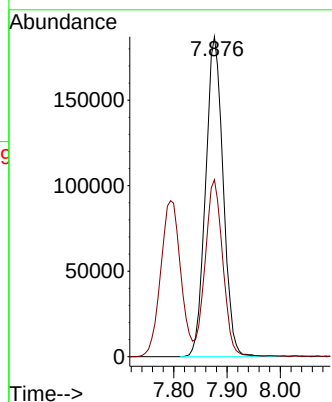
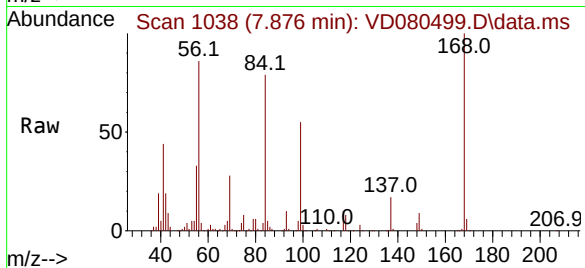
VSTDICCC050

Tgt Ion:168 Resp: 428346

Ion Ratio Lower Upper

168 100

99 55.1 44.1 66.1



#2

Dichlorodifluoromethane

Concen: 42.659 ug/l

RT: 1.935 min Scan# 28

Delta R.T. 0.000 min

Lab File: VD080499.D

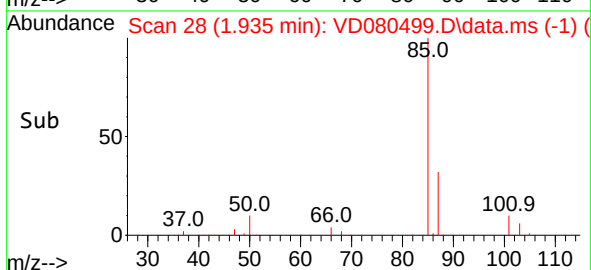
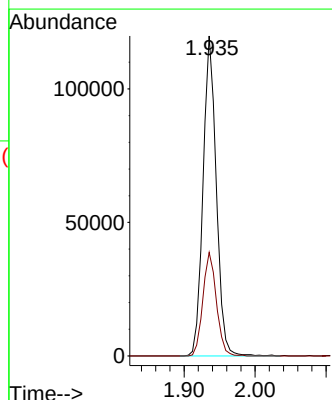
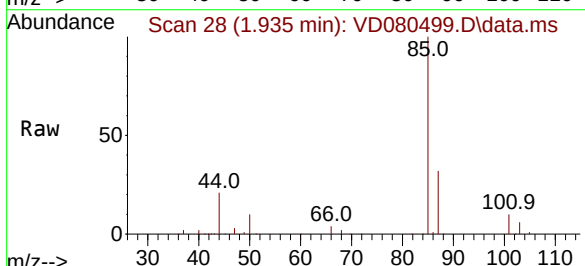
Acq: 27 Aug 2025 11:30

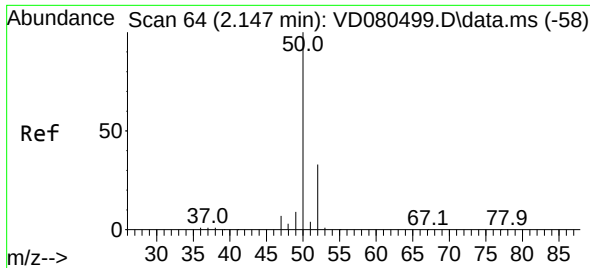
Tgt Ion: 85 Resp: 155576

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5

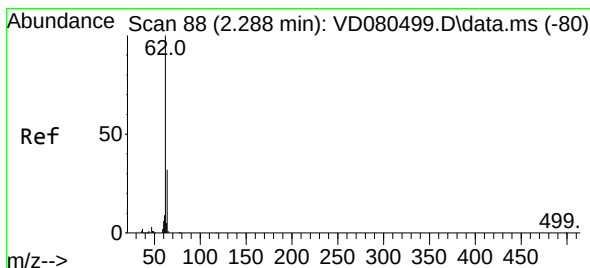
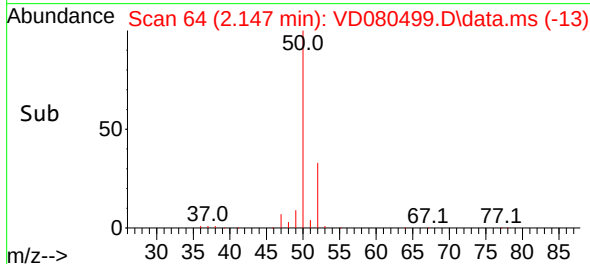
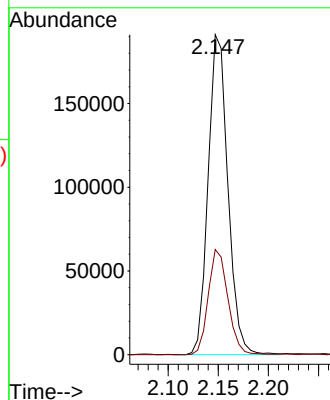
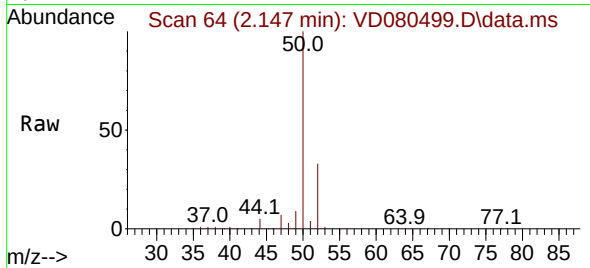




#3
Chloromethane
Concen: 45.601 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

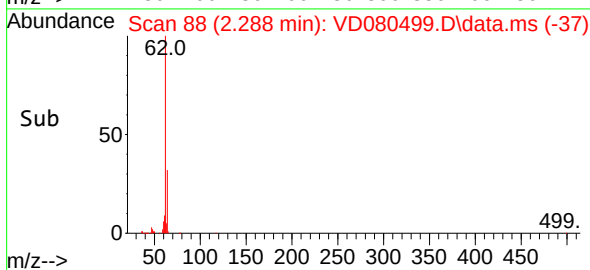
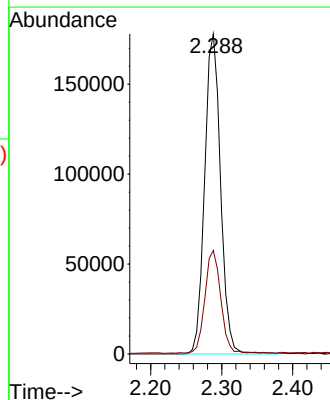
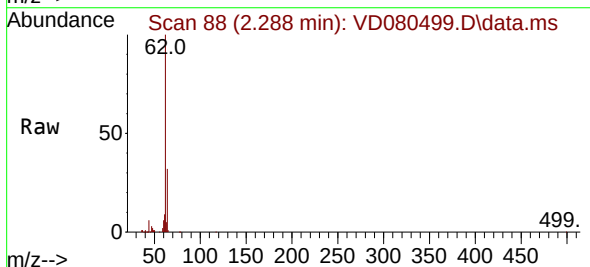
Instrument :
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ClientSampleId :
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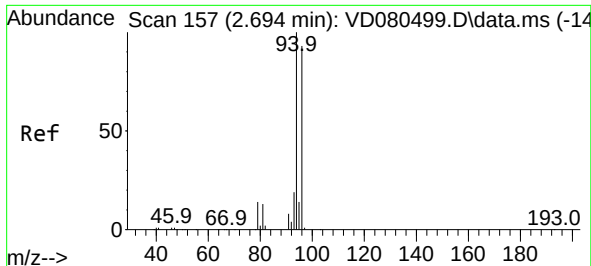
Tgt Ion: 50 Resp: 262517
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4



#4
Vinyl Chloride
Concen: 46.714 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 62 Resp: 277544
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4

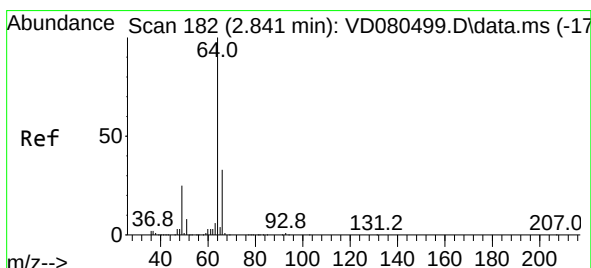
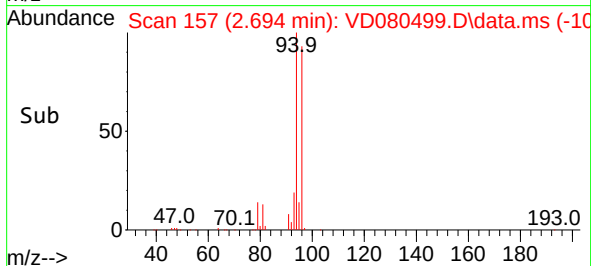
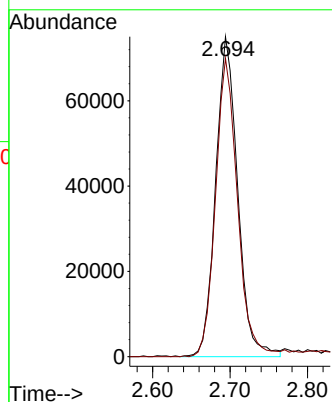
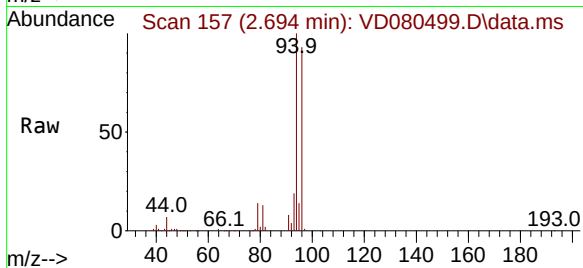




#5
Bromomethane
Concen: 44.345 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

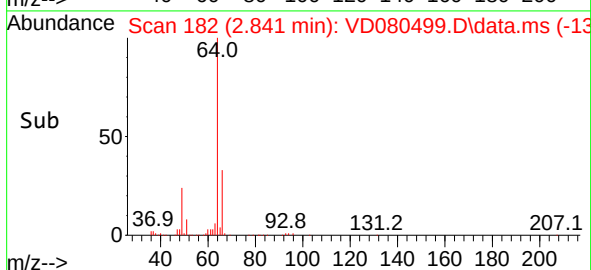
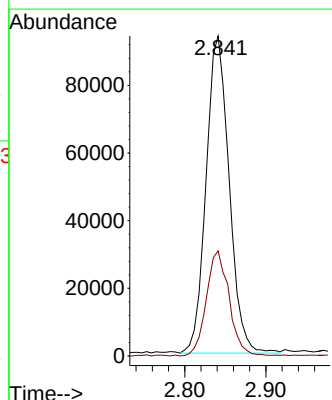
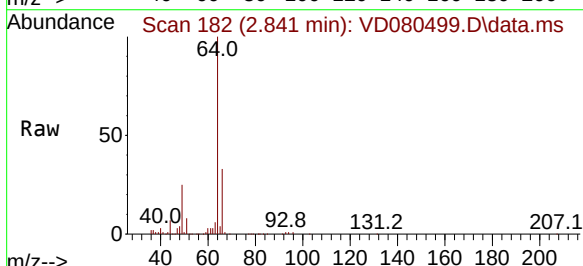
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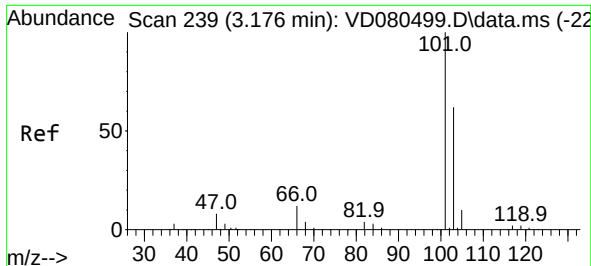
Tgt Ion: 94 Resp: 148067
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8



#6
Chloroethane
Concen: 47.783 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 64 Resp: 185305
Ion Ratio Lower Upper
64 100
66 33.1 26.5 39.7

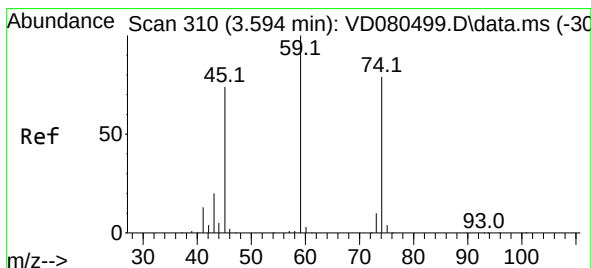
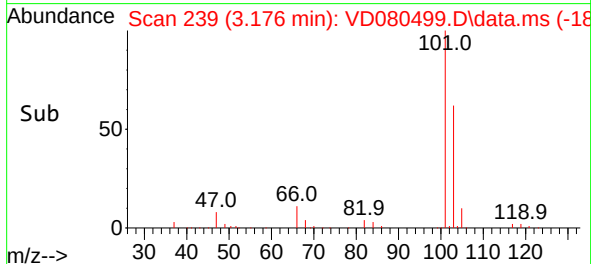
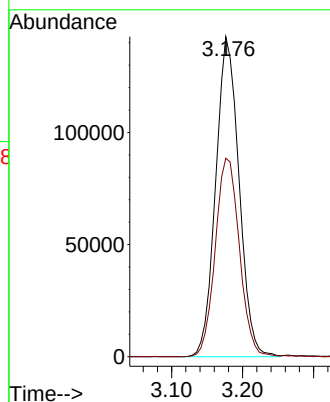
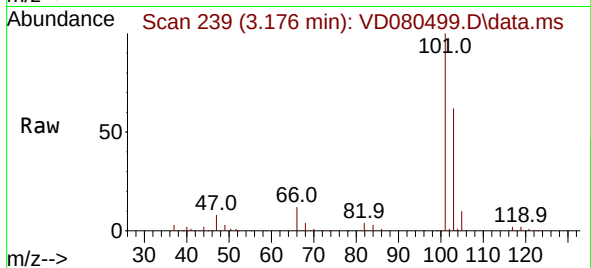




#7
 Trichlorofluoromethane
 Concen: 46.978 ug/l
 RT: 3.176 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

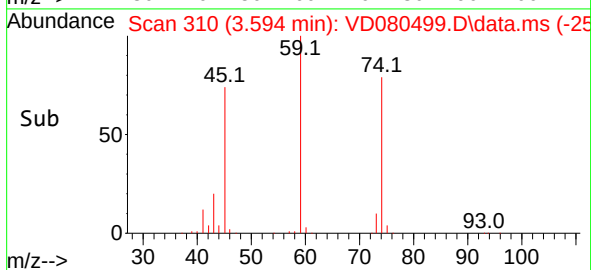
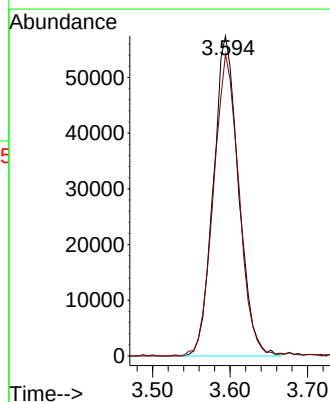
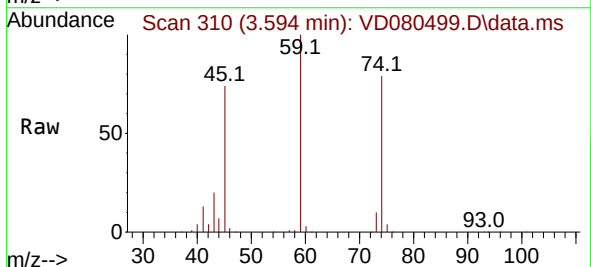
Instrument :
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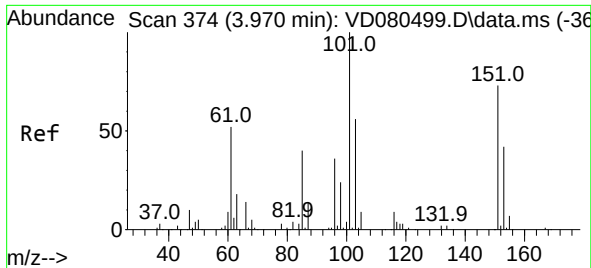
Tgt Ion:101 Resp: 325074
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.6 74.4



#8
 Diethyl Ether
 Concen: 47.172 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080499.D
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Tgt Ion: 74 Resp: 129349
 Ion Ratio Lower Upper
 74 100
 45 96.4 48.2 144.6

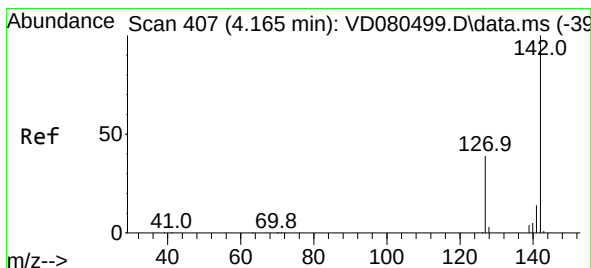
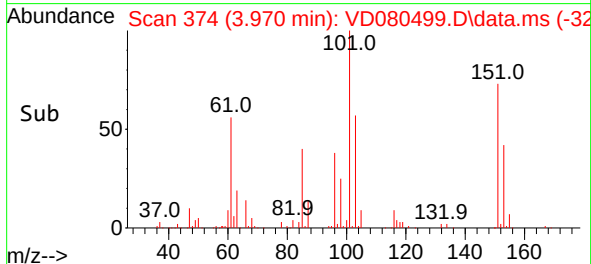
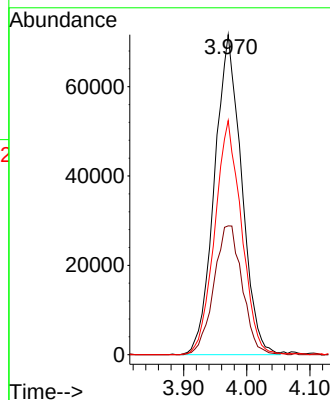
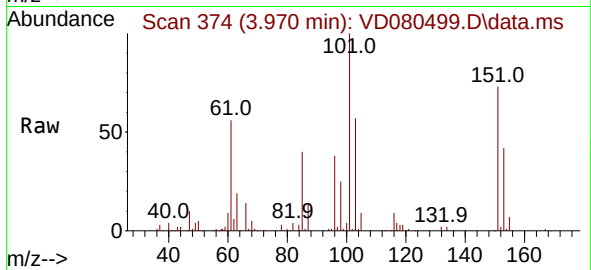




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.470 ug/l
 RT: 3.970 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VD080499.D
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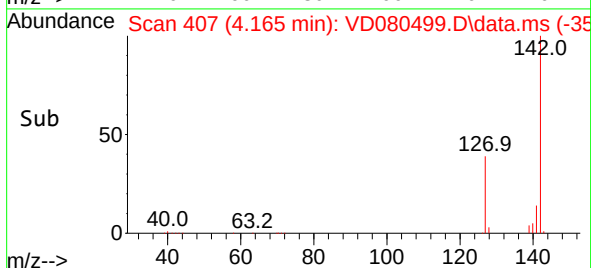
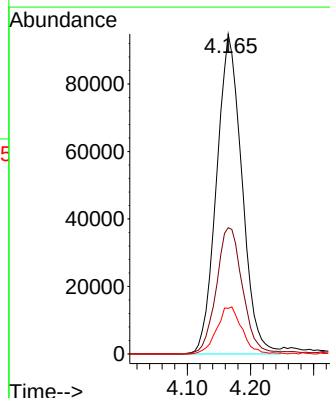
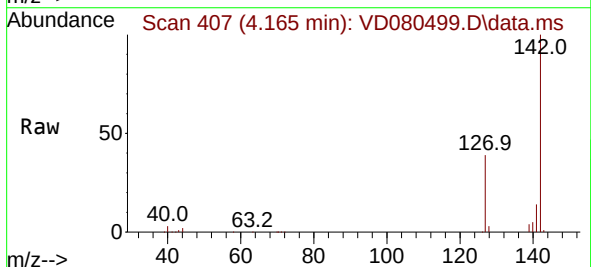
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

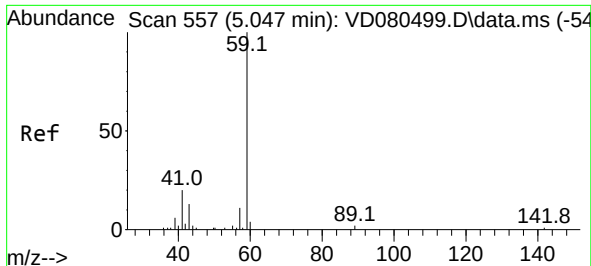
Tgt Ion:101 Resp: 213141
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.8 50.6
 151 72.5 58.0 87.0



#10
 Methyl Iodide
 Concen: 51.059 ug/l
 RT: 4.165 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

Tgt Ion:142 Resp: 264666
 Ion Ratio Lower Upper
 142 100
 127 41.4 33.1 49.7
 141 14.6 11.7 17.5

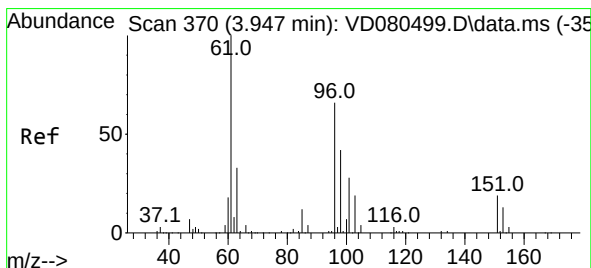
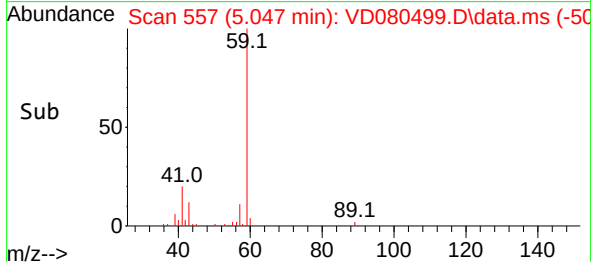
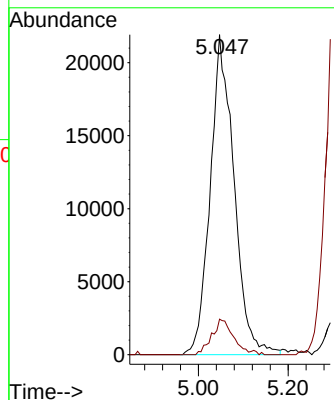
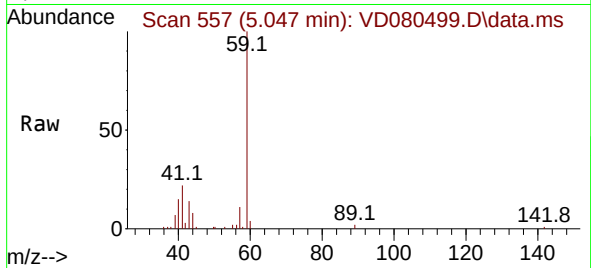




#11
Tert butyl alcohol
Concen: 230.828 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

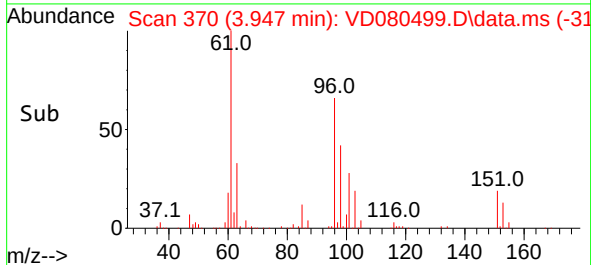
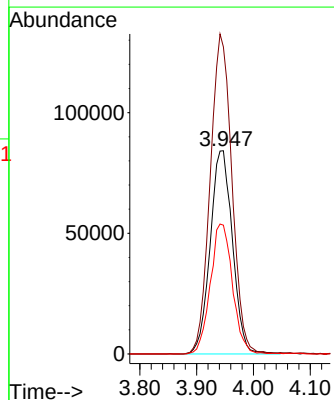
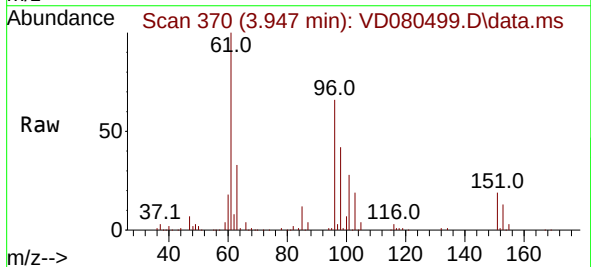
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

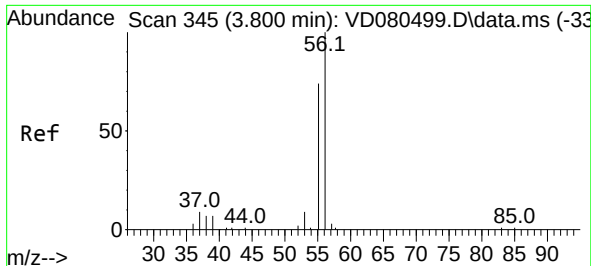
Tgt Ion: 59 Resp: 80726
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 49.011 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 96 Resp: 229256
Ion Ratio Lower Upper
96 100
61 151.1 120.9 181.3
98 63.4 50.7 76.1

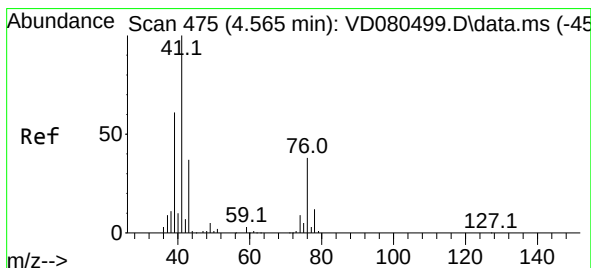
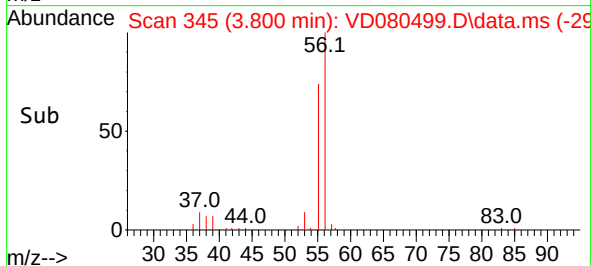
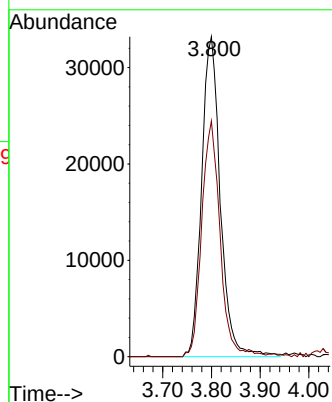
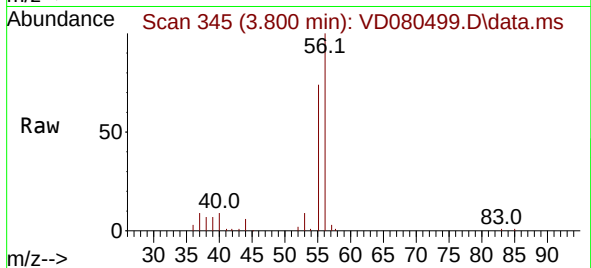




#13
Acrolein
Concen: 238.411 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

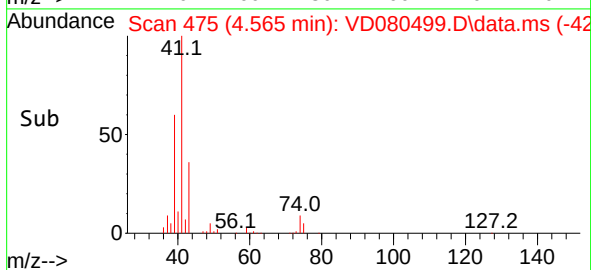
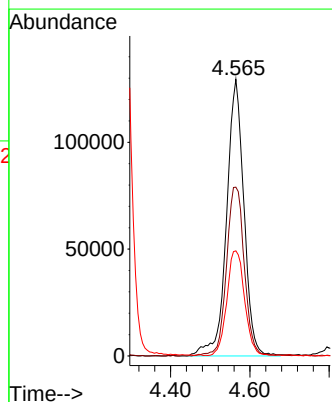
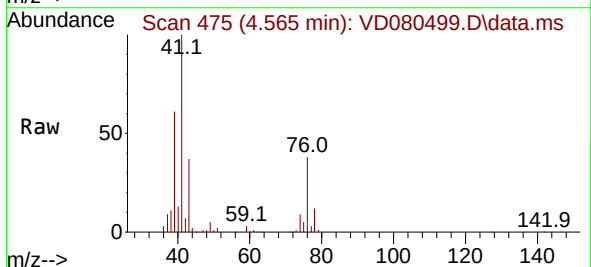
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

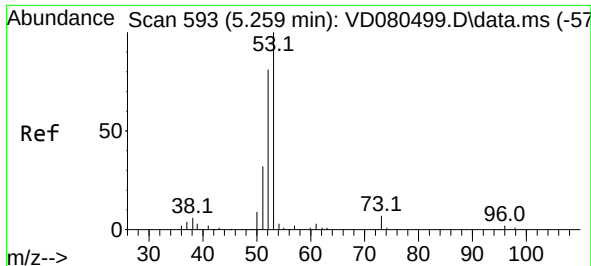
Tgt Ion: 56 Resp: 88615
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0



#14
Allyl chloride
Concen: 48.614 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 41 Resp: 394620
Ion Ratio Lower Upper
41 100
39 62.6 50.1 75.1
76 38.4 30.7 46.1

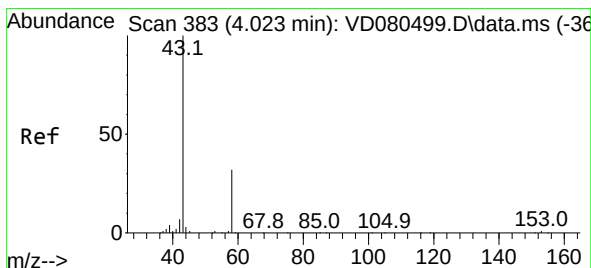
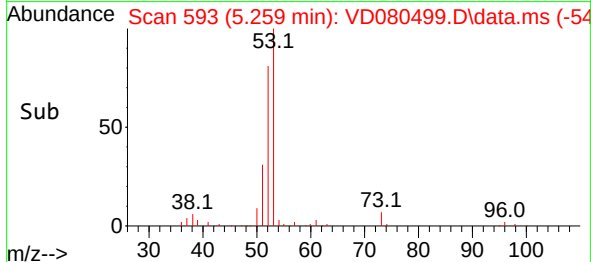
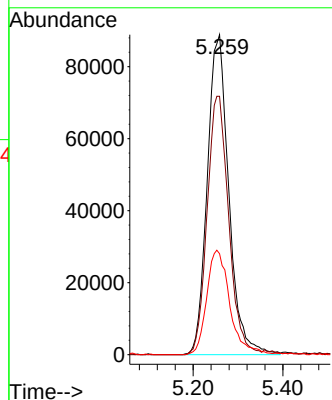
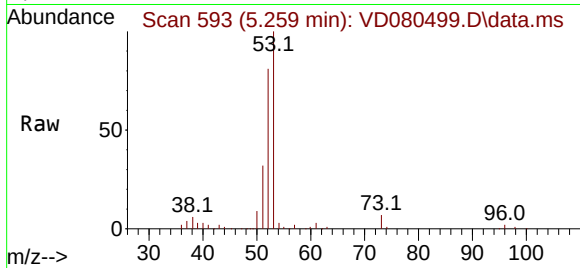




#15
Acrylonitrile
Concen: 242.538 ug/l
RT: 5.259 min Scan# 593
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

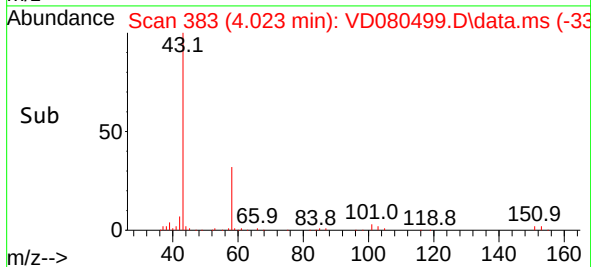
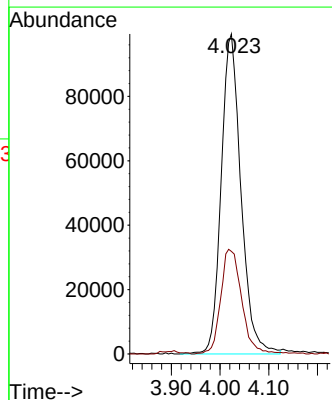
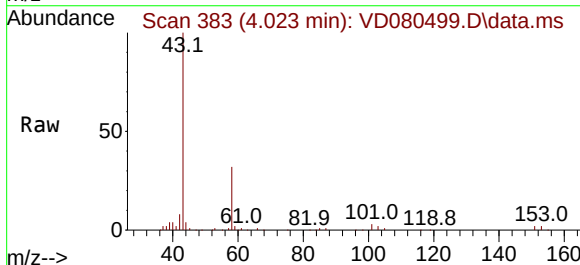
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

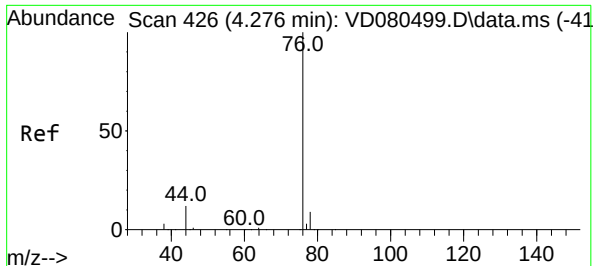
Tgt Ion: 53 Resp: 296175
Ion Ratio Lower Upper
53 100
52 80.8 64.6 97.0
51 35.0 28.0 42.0



#16
Acetone
Concen: 248.343 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 43 Resp: 280969
Ion Ratio Lower Upper
43 100
58 31.7 25.4 38.0

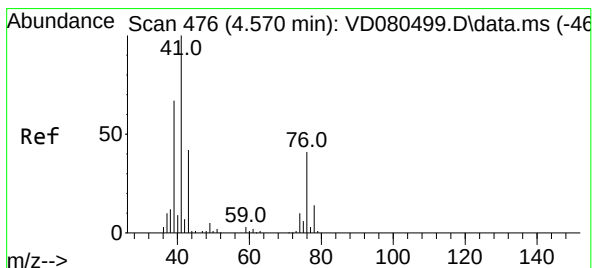
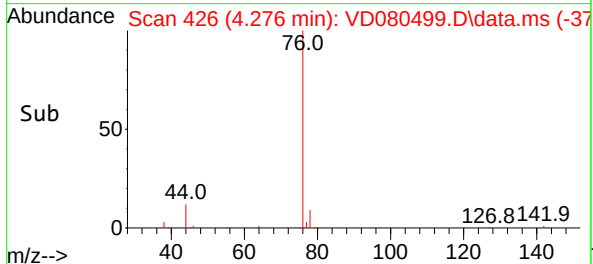
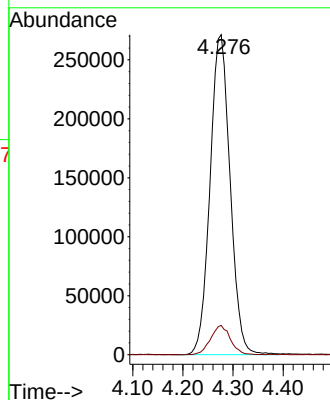
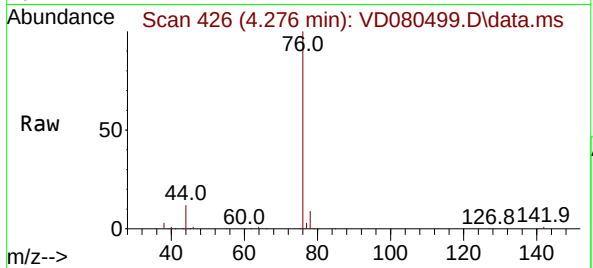




#17
Carbon Disulfide
Concen: 47.711 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

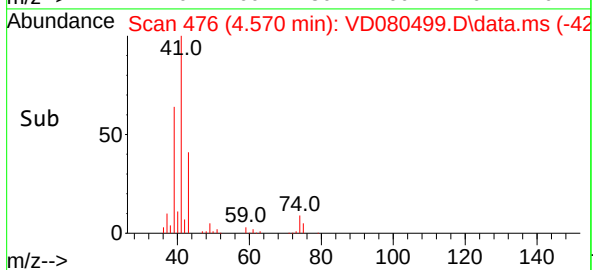
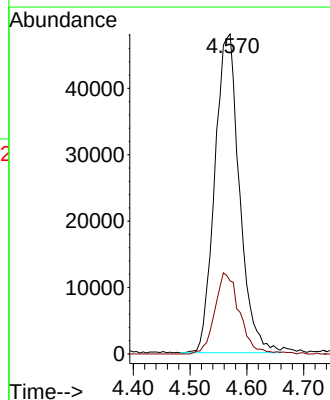
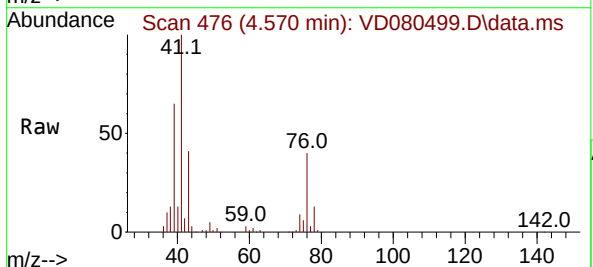
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

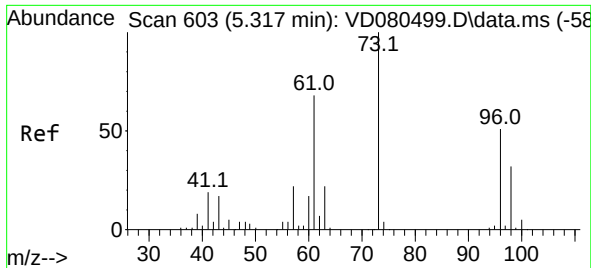
Tgt Ion: 76 Resp: 754677
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 45.568 ug/l
RT: 4.570 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 43 Resp: 145084
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2

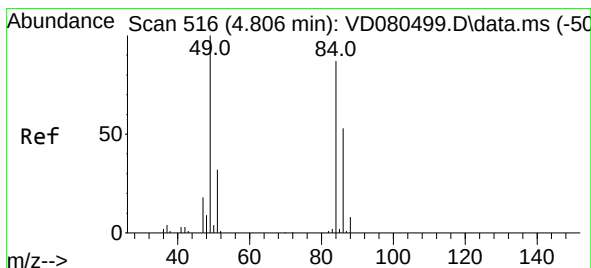
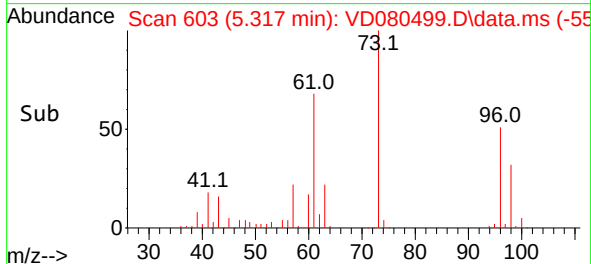
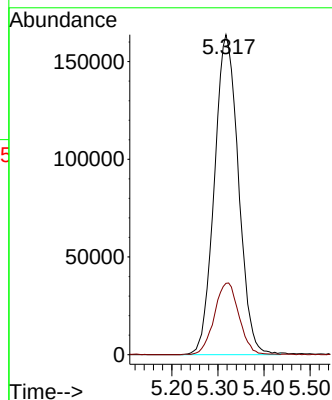
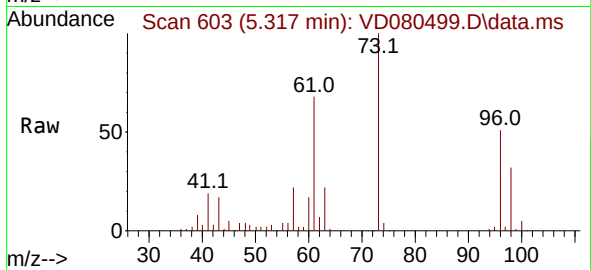




#19
Methyl tert-butyl Ether
Concen: 48.347 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

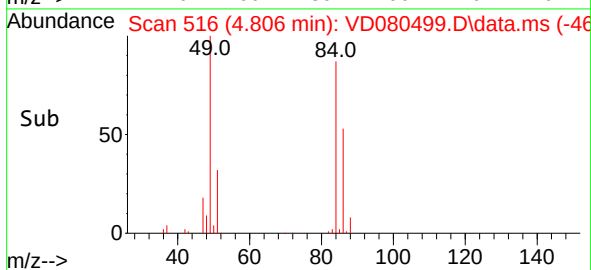
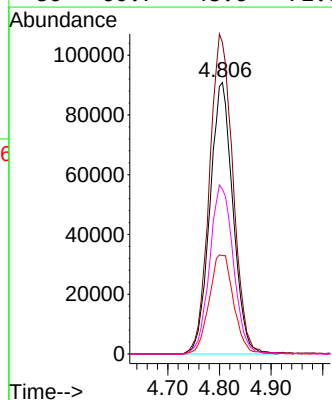
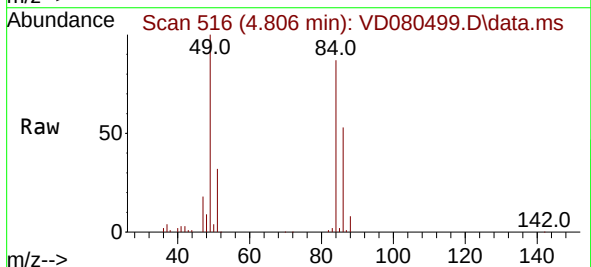
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

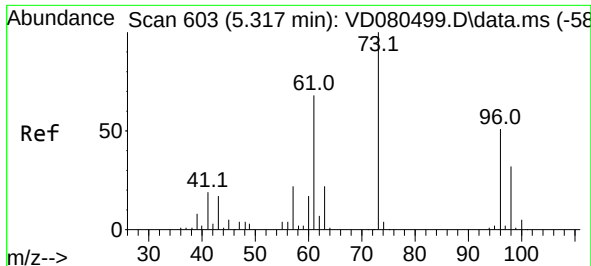
Tgt Ion: 73 Resp: 593468
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 45.223 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 84 Resp: 281057
Ion Ratio Lower Upper
84 100
49 114.7 91.8 137.6
51 36.2 29.0 43.4
86 60.7 48.6 72.8

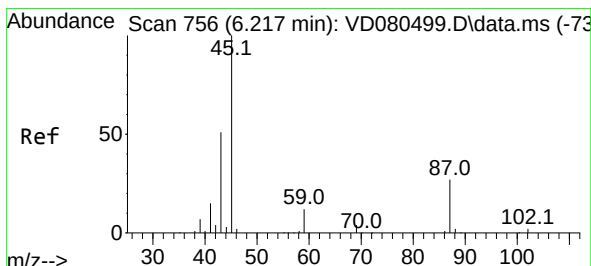
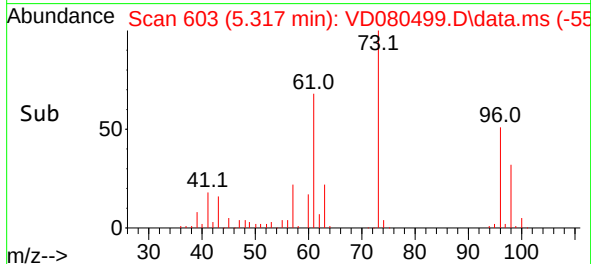
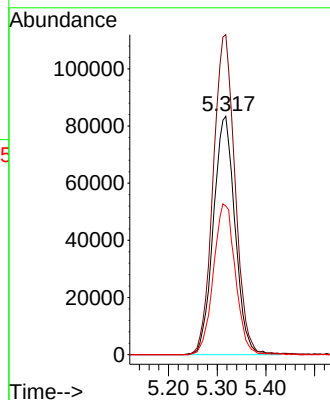
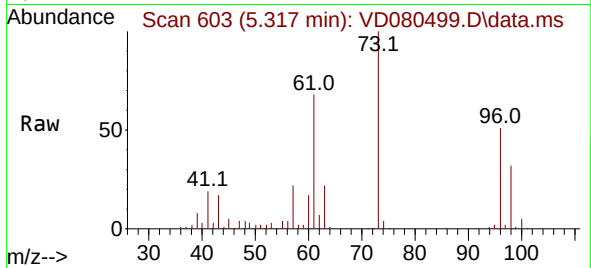




#21
trans-1,2-Dichloroethene
Concen: 48.212 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

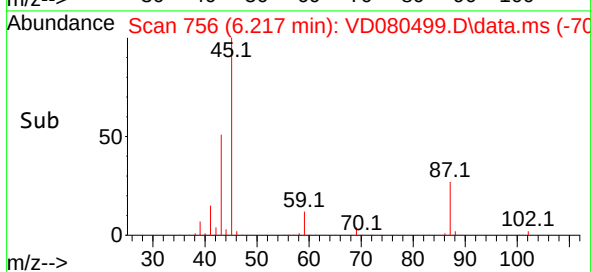
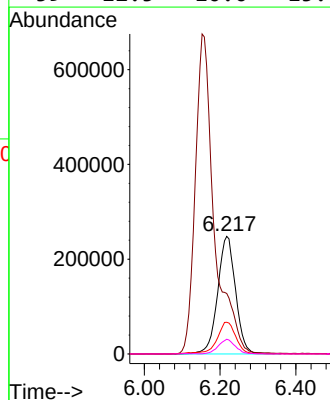
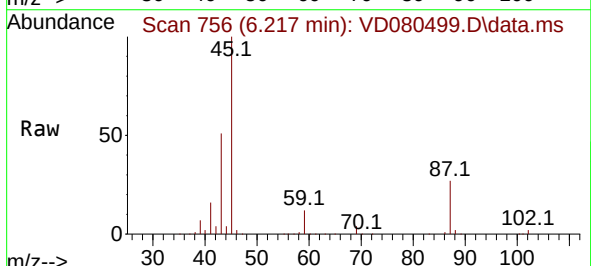
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

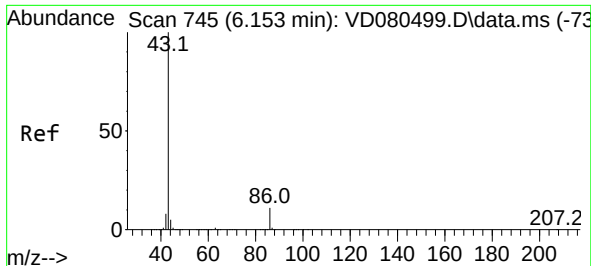
Tgt Ion: 96 Resp: 258173
Ion Ratio Lower Upper
96 100
61 134.2 107.4 161.0
98 62.4 49.9 74.9



#22
Diisopropyl ether
Concen: 48.923 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 45 Resp: 817387
Ion Ratio Lower Upper
45 100
43 50.7 40.6 60.8
87 27.0 21.6 32.4
59 12.5 10.0 15.0

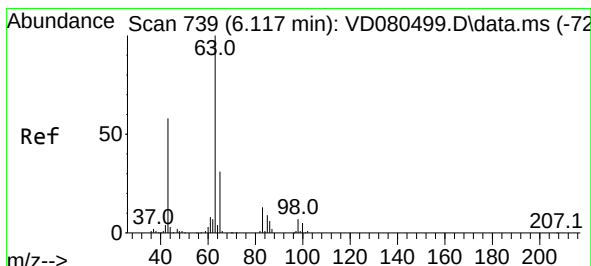
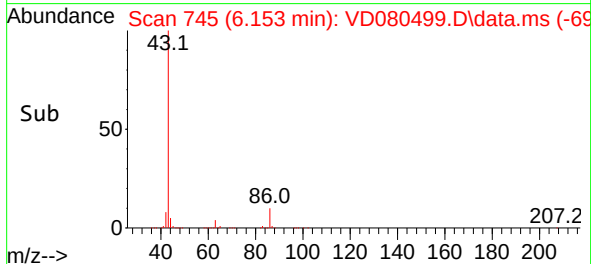
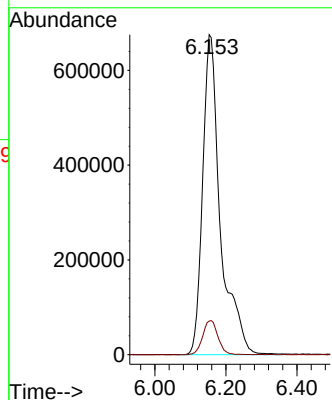
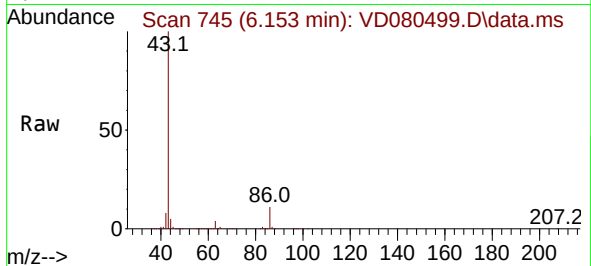




#23
 Vinyl Acetate
 Concen: 247.178 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

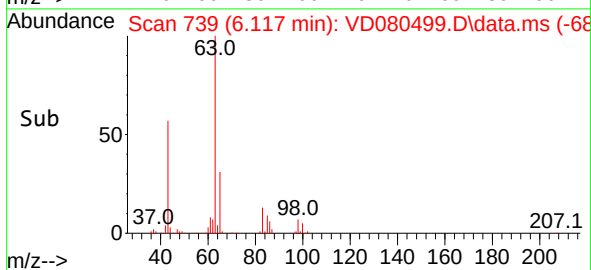
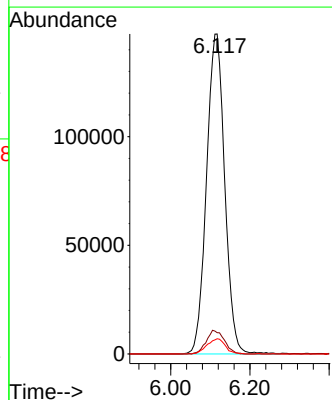
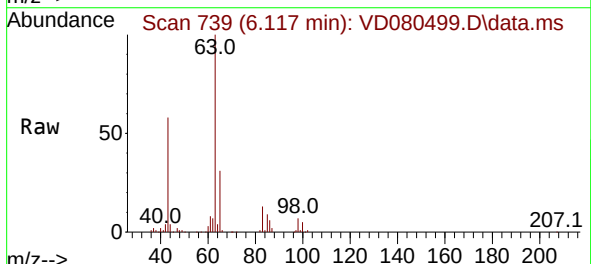
Instrument :
 MSVOA_D
 ClientSampleId :
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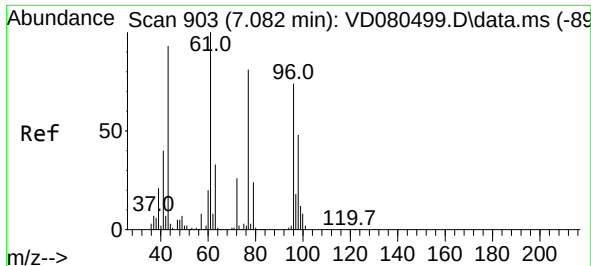
Tgt Ion: 43 Resp: 2350041
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 48.526 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

Tgt Ion: 63 Resp: 469313
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.7 2.4 7.1

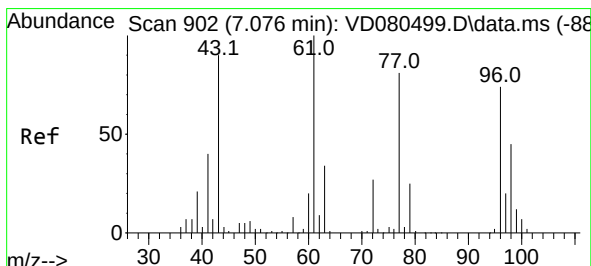
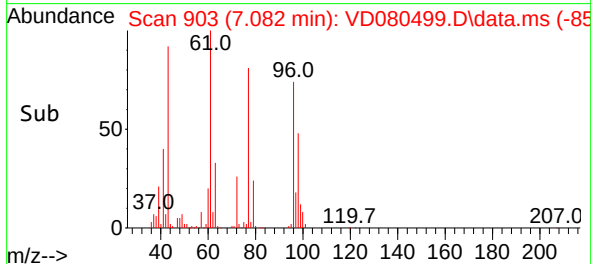
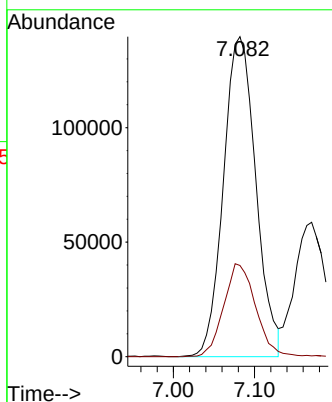
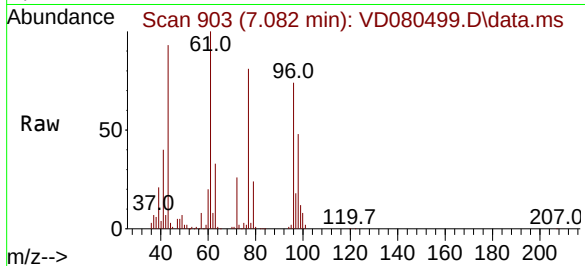




#25
2-Butanone
Concen: 242.138 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

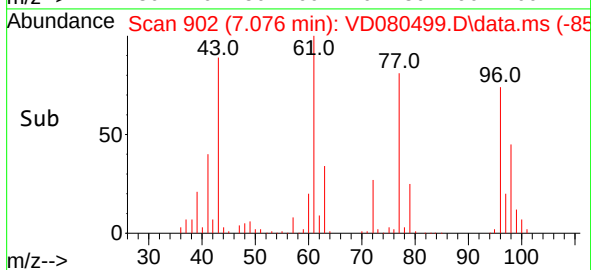
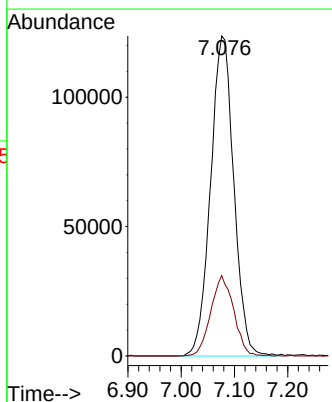
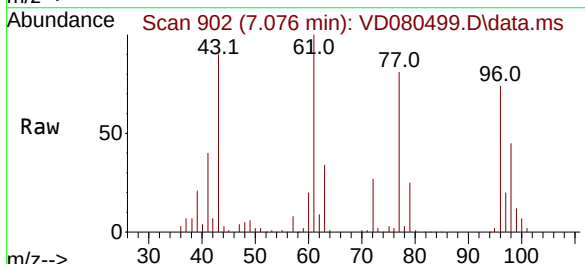
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

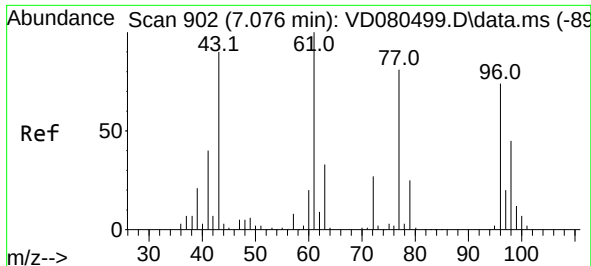
Tgt Ion: 43 Resp: 387904
Ion Ratio Lower Upper
43 100
72 28.5 22.8 34.2



#26
2,2-Dichloropropane
Concen: 48.874 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 77 Resp: 374252
Ion Ratio Lower Upper
77 100
97 24.7 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 49.032 ug/l

RT: 7.076 min Scan# 902

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

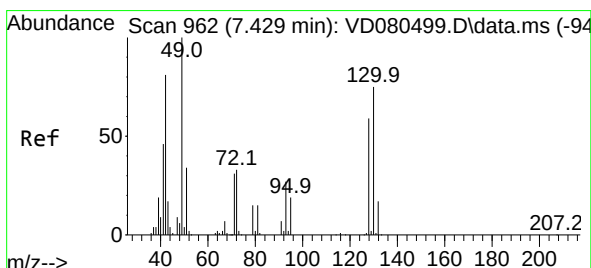
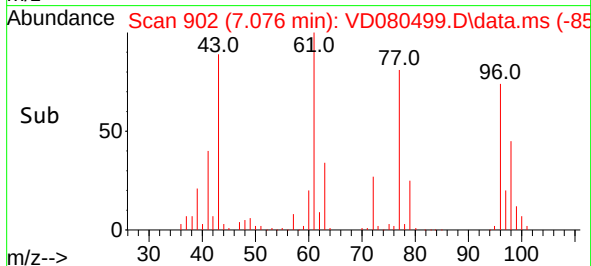
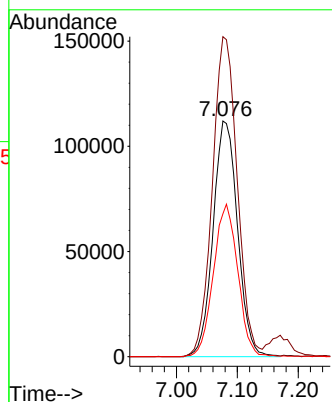
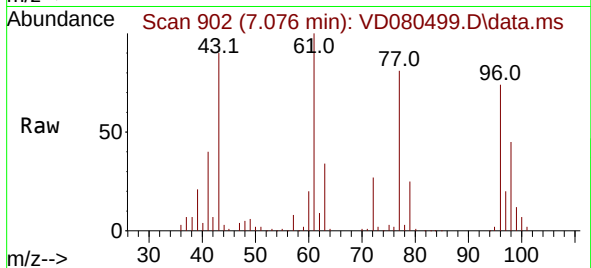
Tgt Ion: 96 Resp: 313360

Ion Ratio Lower Upper

96 100

61 137.6 0.0 275.2

98 64.4 0.0 128.8



#28

Bromochloromethane

Concen: 49.445 ug/l

RT: 7.429 min Scan# 962

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

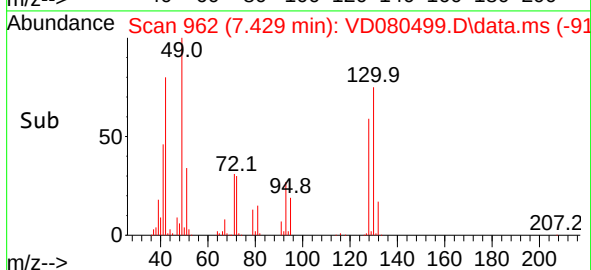
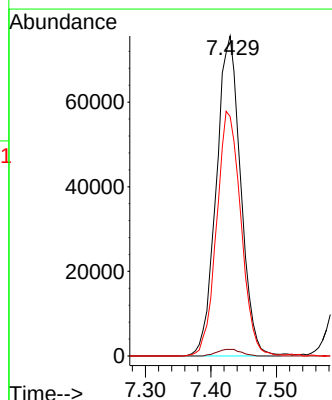
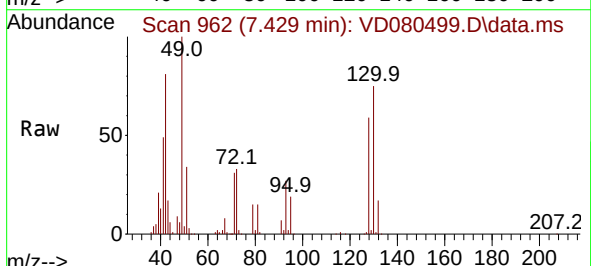
Tgt Ion: 49 Resp: 194877

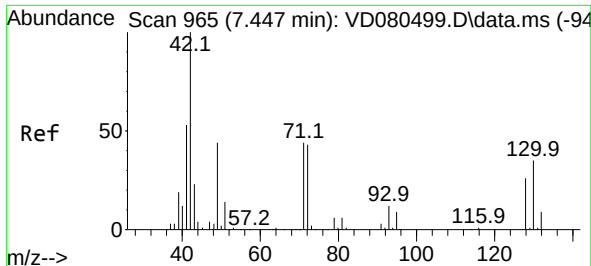
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 76.4 61.1 91.7





#29

Tetrahydrofuran

Concen: 240.338 ug/l

RT: 7.447 min Scan# 9

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

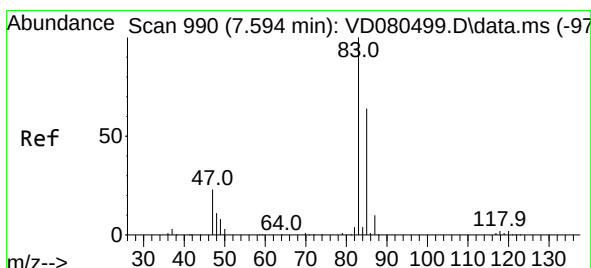
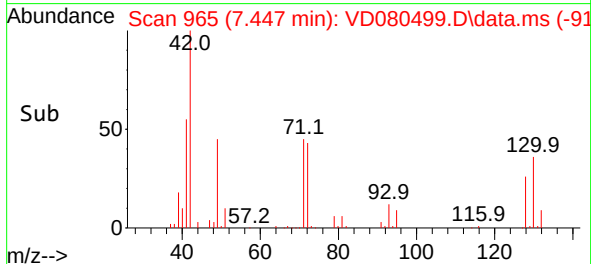
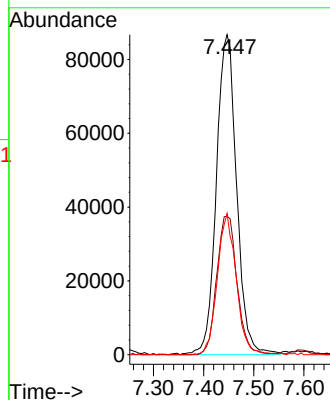
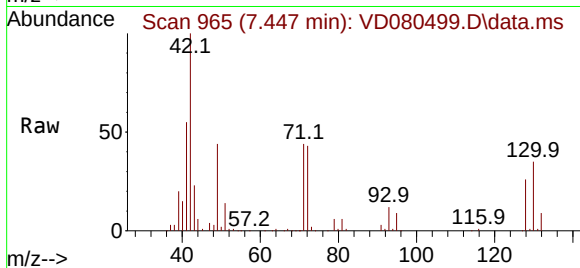
Tgt Ion: 42 Resp: 243301

Ion Ratio Lower Upper

42 100

72 43.4 34.7 52.1

71 41.1 32.9 49.3



#30

Chloroform

Concen: 49.352 ug/l

RT: 7.594 min Scan# 990

Delta R.T. 0.000 min

Lab File: VD080499.D

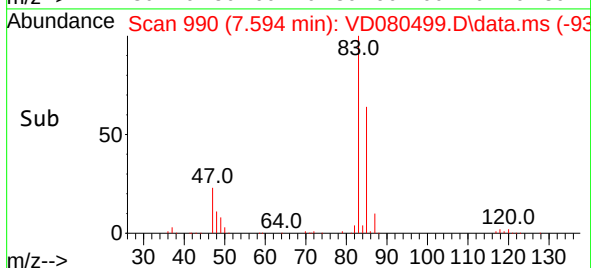
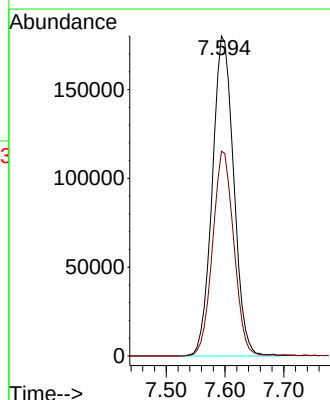
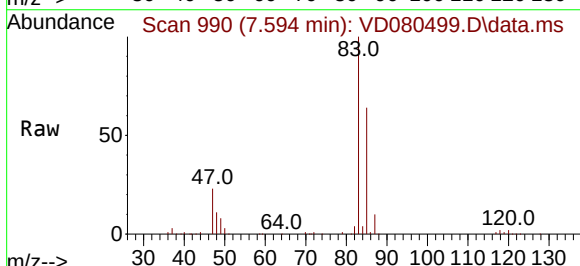
Acq: 27 Aug 2025 11:30

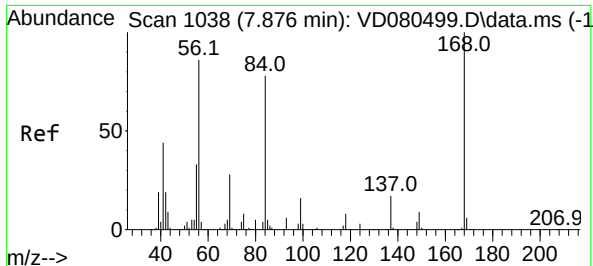
Tgt Ion: 83 Resp: 456385

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

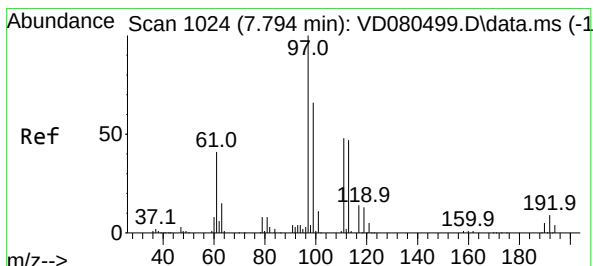
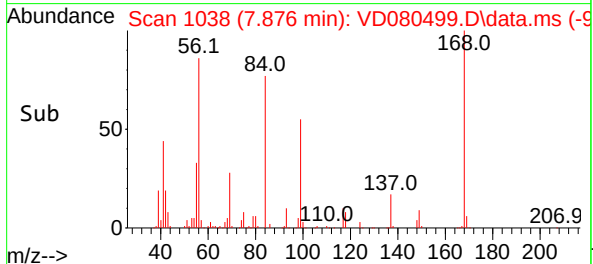
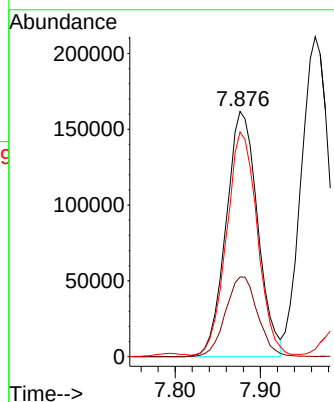
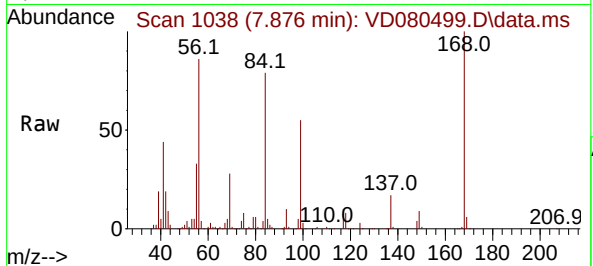




#31
Cyclohexane
Concen: 46.095 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

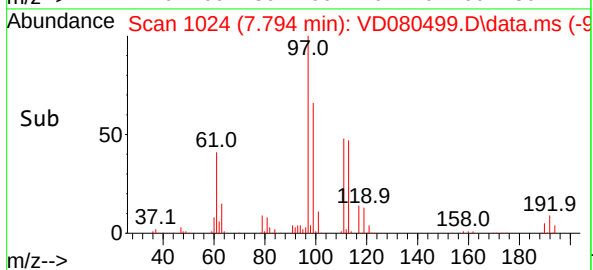
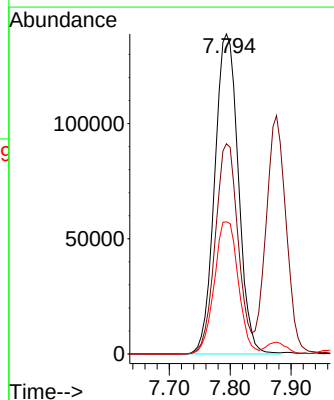
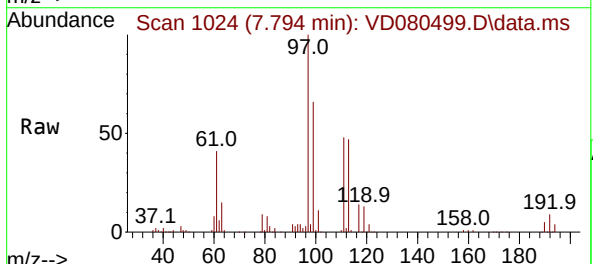
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

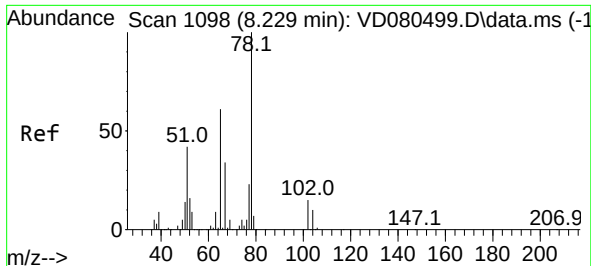
Tgt Ion: 56 Resp: 417282
Ion Ratio Lower Upper
56 100
69 32.5 26.0 39.0
84 90.7 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 48.482 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 97 Resp: 373312
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 42.0 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 44.524 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

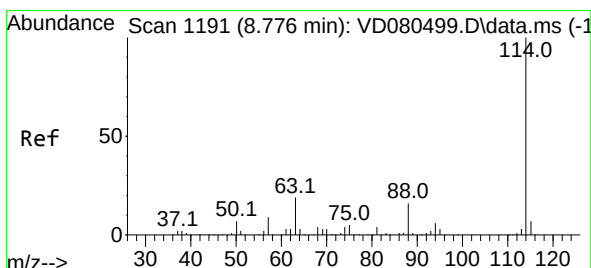
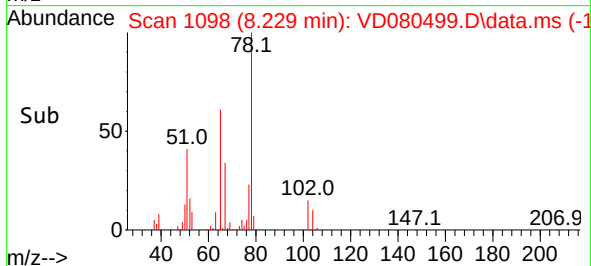
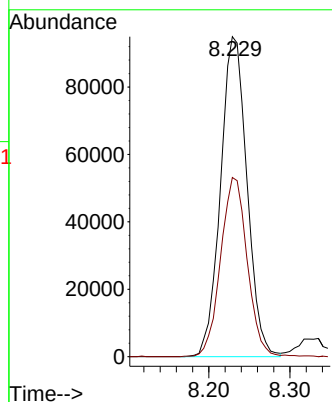
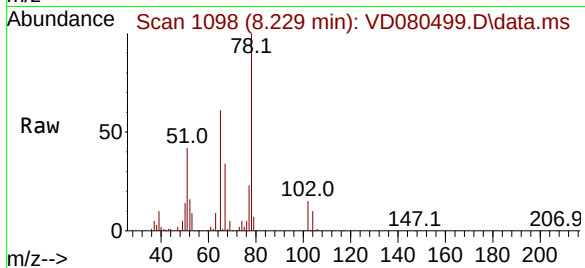
VSTDICCC050

Tgt Ion: 65 Resp: 215171

Ion Ratio Lower Upper

65 100

67 56.5 0.0 113.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

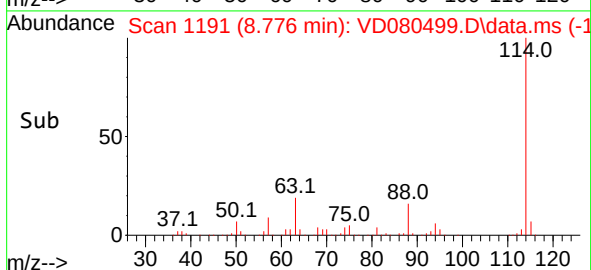
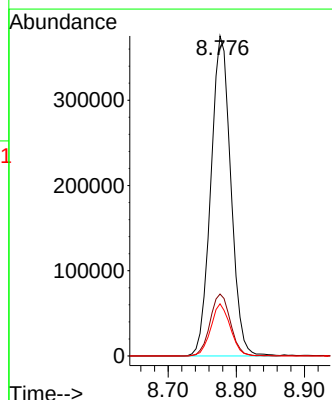
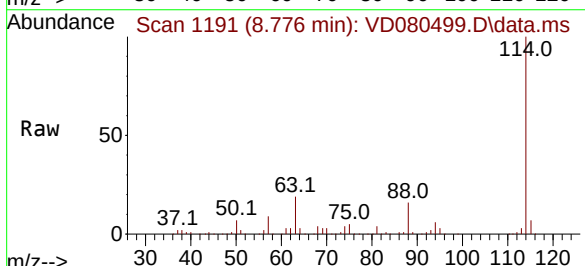
Tgt Ion: 114 Resp: 766426

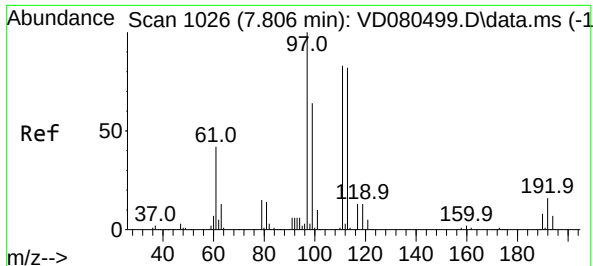
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.257 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

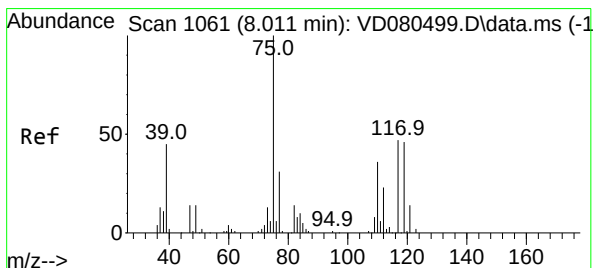
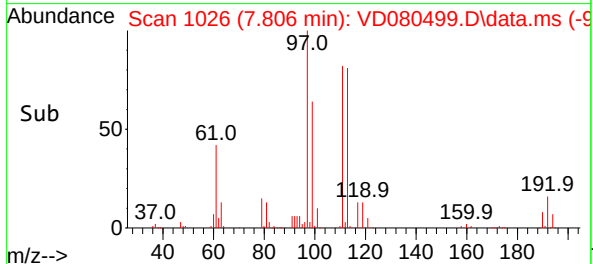
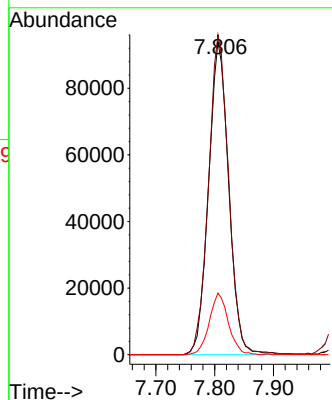
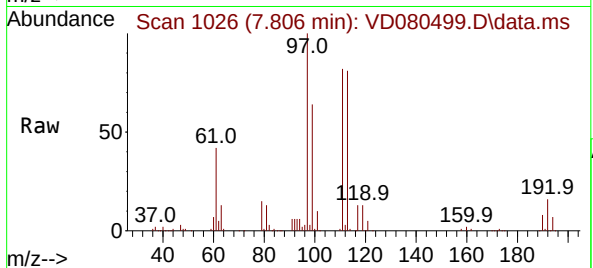
Tgt Ion:113 Resp: 224344

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 18.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 49.003 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

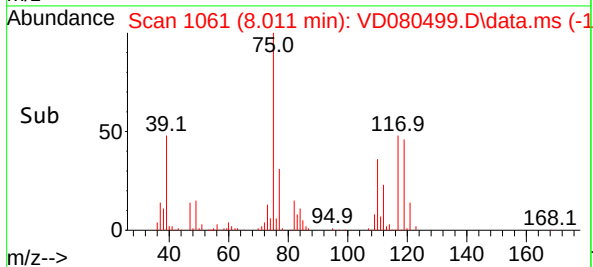
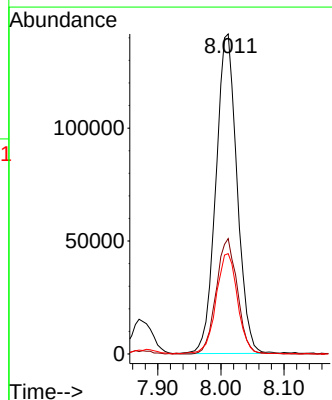
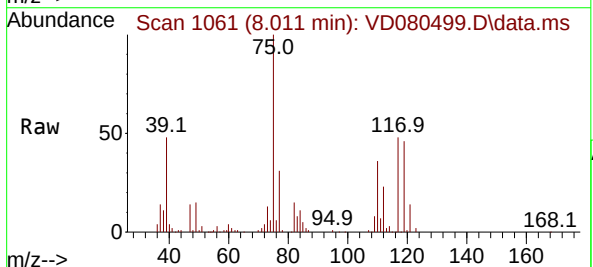
Tgt Ion: 75 Resp: 329117

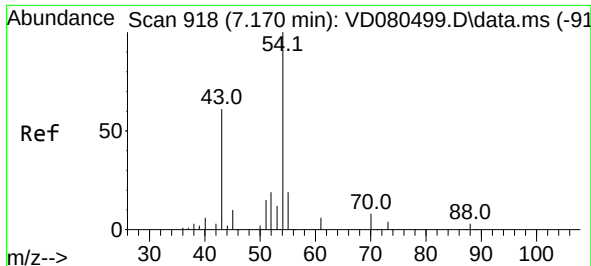
Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.1

77 32.1 25.7 38.5

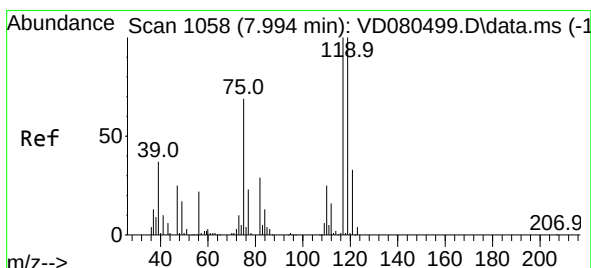
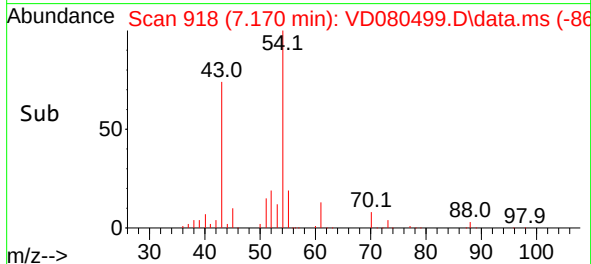
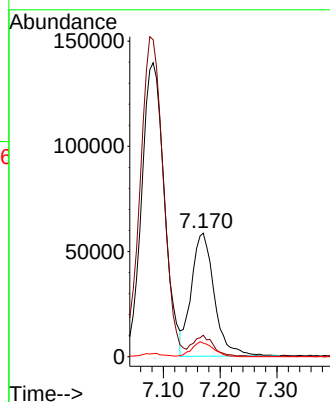
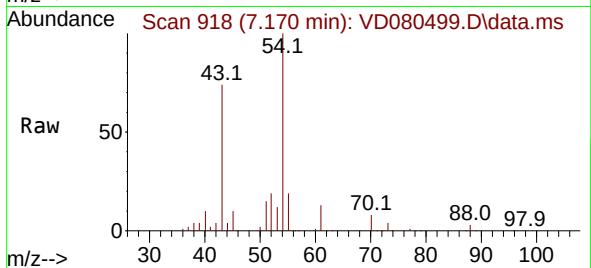




#37
Ethyl Acetate
Concen: 50.973 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

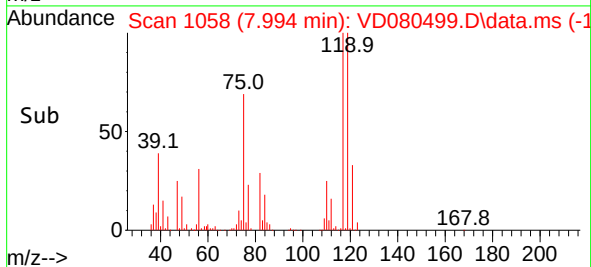
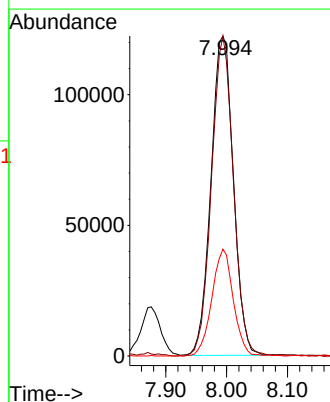
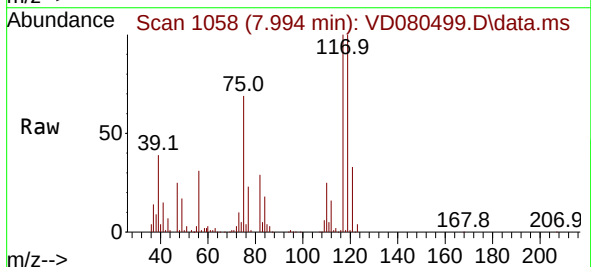
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

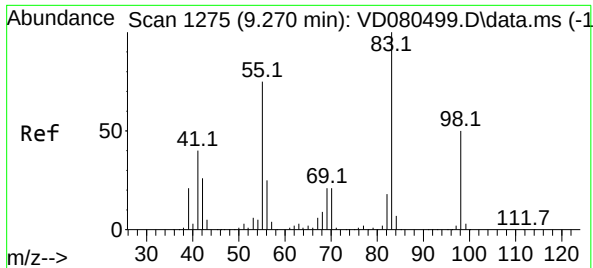
Tgt Ion: 43 Resp: 164626
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 11.2 9.0 13.4



#38
Carbon Tetrachloride
Concen: 49.030 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 117 Resp: 313410
Ion Ratio Lower Upper
117 100
119 100.2 80.2 120.2
121 33.5 26.8 40.2

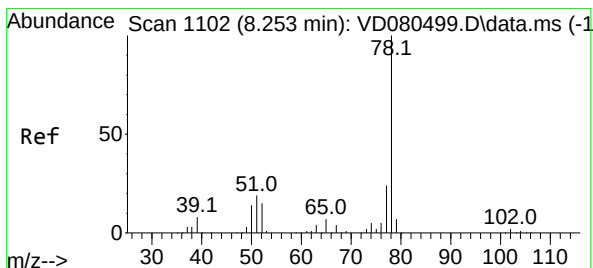
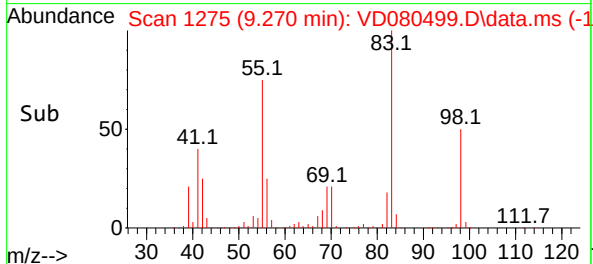
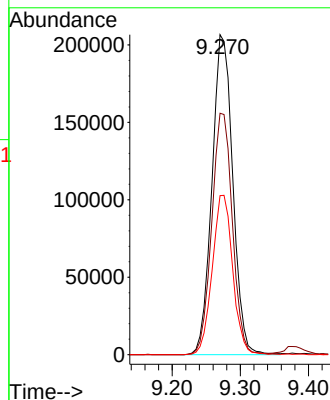
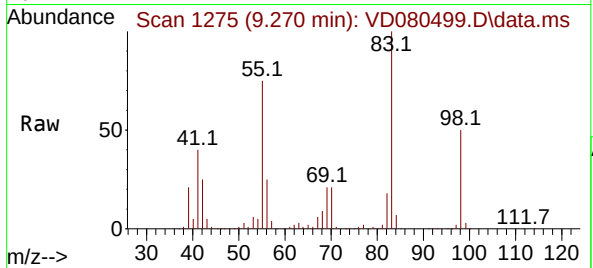




#39
Methylcyclohexane
Concen: 49.118 ug/l
RT: 9.270 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

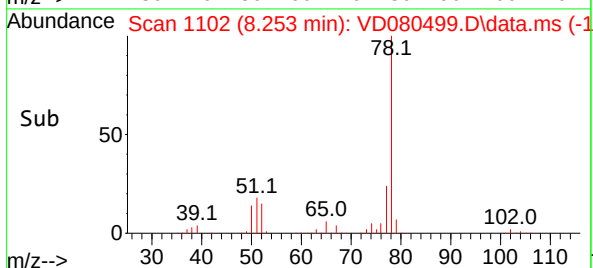
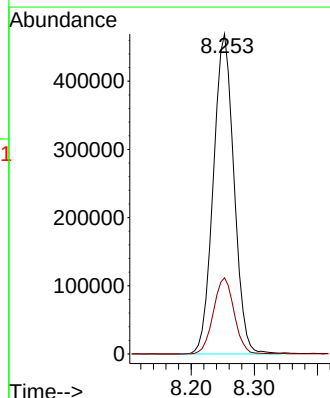
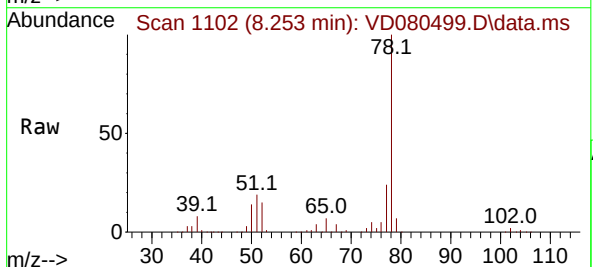
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

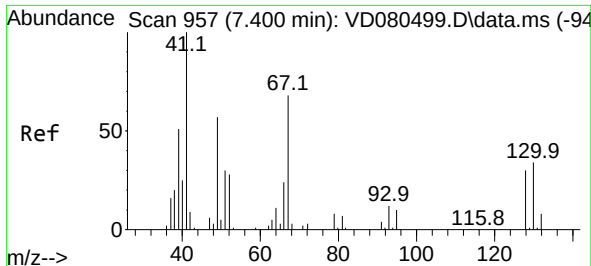
Tgt Ion: 83 Resp: 439095
Ion Ratio Lower Upper
83 100
55 75.5 60.4 90.6
98 49.7 39.8 59.6



#40
Benzene
Concen: 49.847 ug/l
RT: 8.253 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 78 Resp: 1065483
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



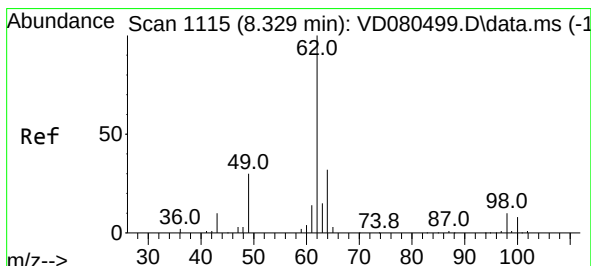
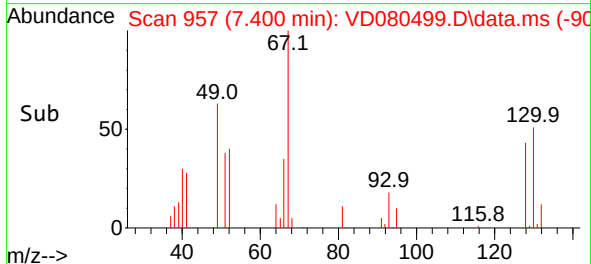
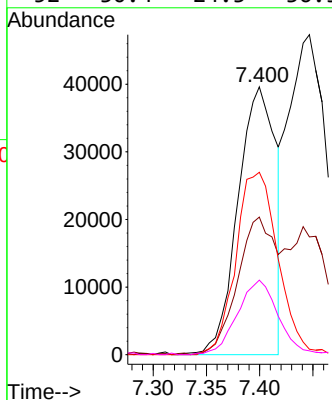
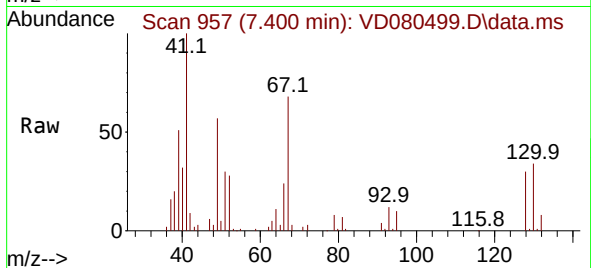


#41
Methacrylonitrile
Concen: 50.751 ug/l
RT: 7.400 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 97313

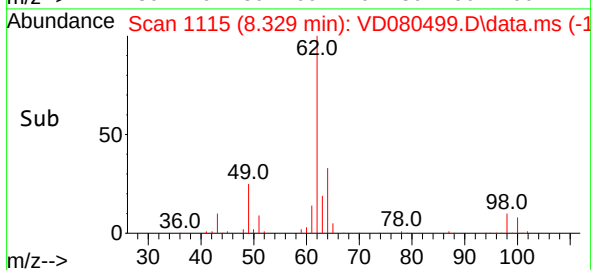
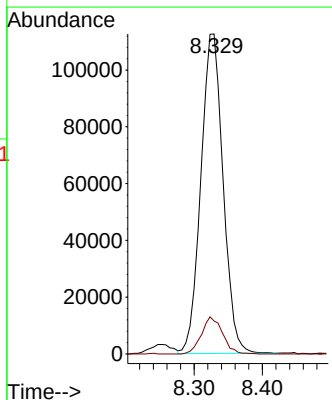
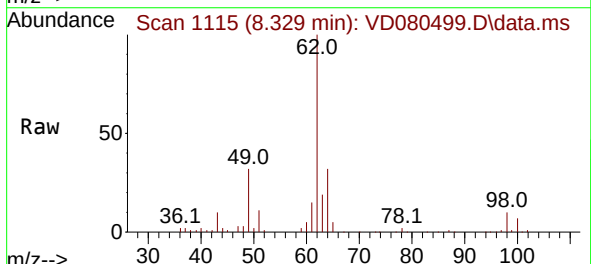
Ion	Ratio	Lower	Upper
41	100		
39	62.6	50.1	75.1
67	76.0	60.8	91.2
52	30.4	24.3	36.5

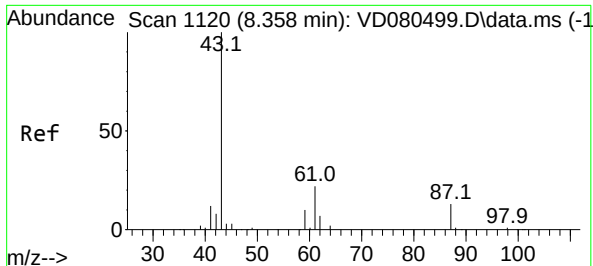


#42
1,2-Dichloroethane
Concen: 49.344 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 62 Resp: 255472

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





#43

Isopropyl Acetate

Concen: 49.194 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

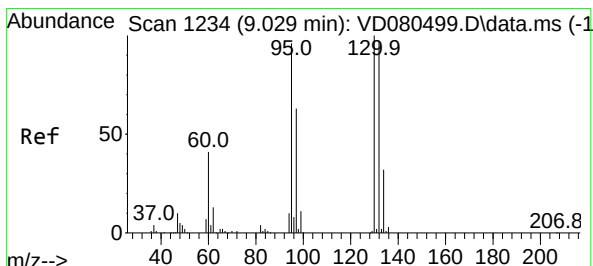
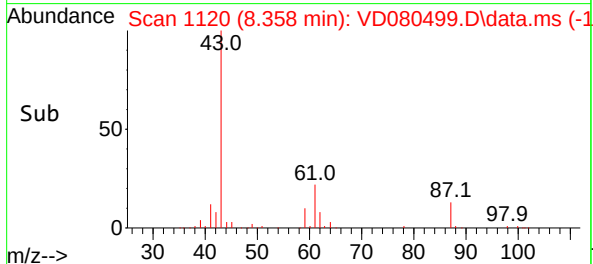
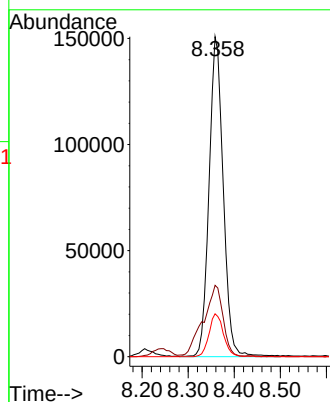
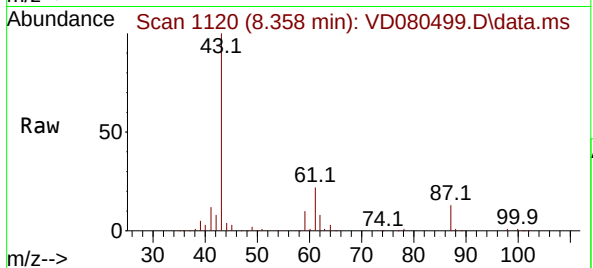
Tgt Ion: 43 Resp: 323262

Ion Ratio Lower Upper

43 100

61 30.4 24.3 36.5

87 13.6 10.9 16.3



#44

Trichloroethene

Concen: 49.151 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VD080499.D

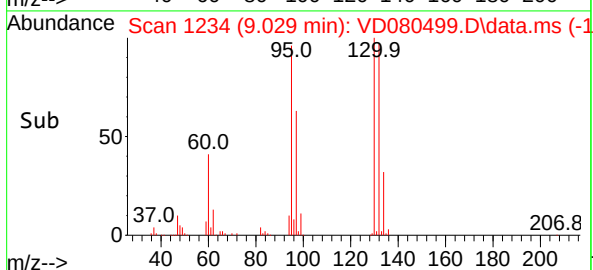
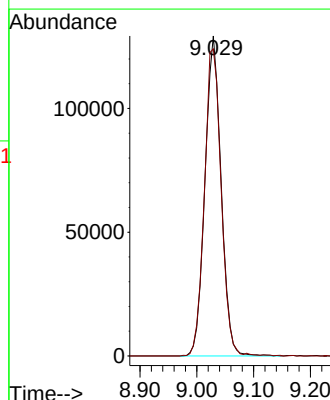
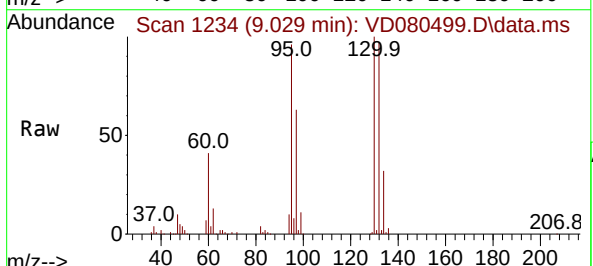
Acq: 27 Aug 2025 11:30

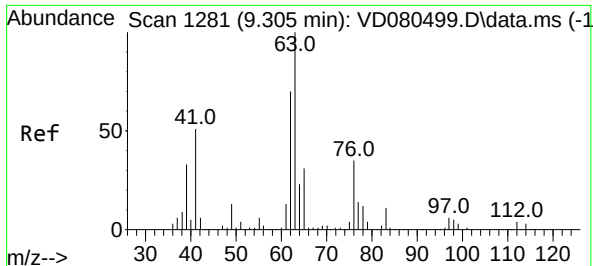
Tgt Ion: 130 Resp: 254884

Ion Ratio Lower Upper

130 100

95 95.9 0.0 191.8





#45

1,2-Dichloropropane

Concen: 49.376 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

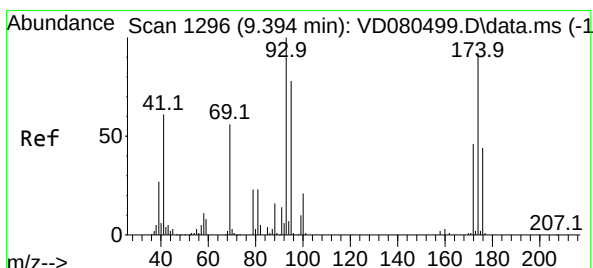
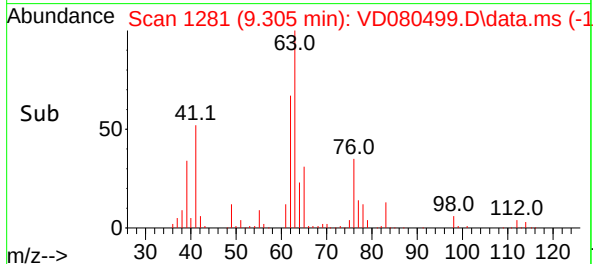
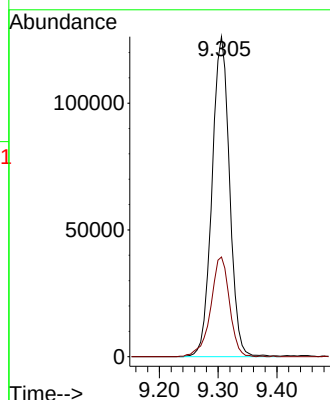
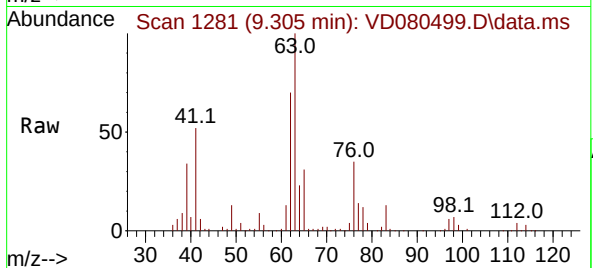
VSTDICCC050

Tgt Ion: 63 Resp: 261742

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 50.086 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

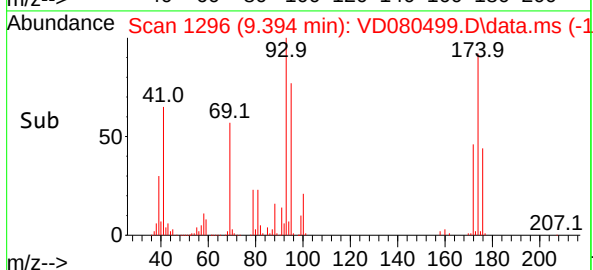
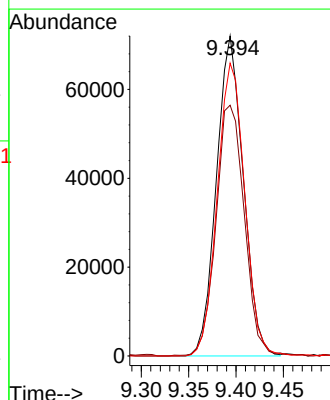
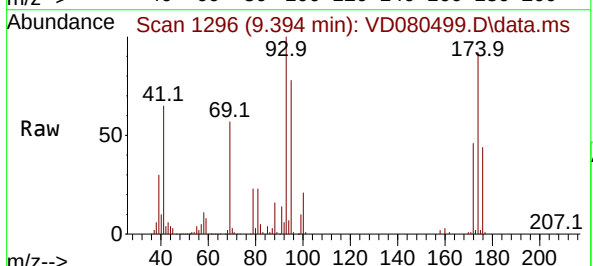
Tgt Ion: 93 Resp: 142244

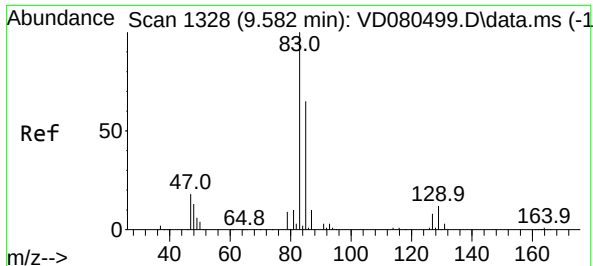
Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

174 93.5 74.8 112.2

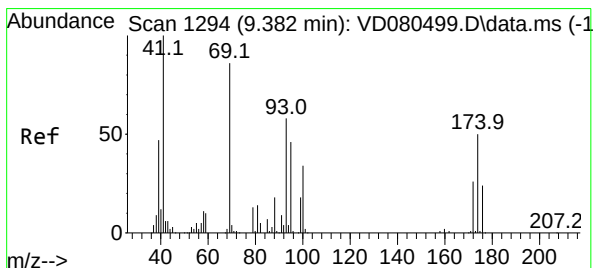
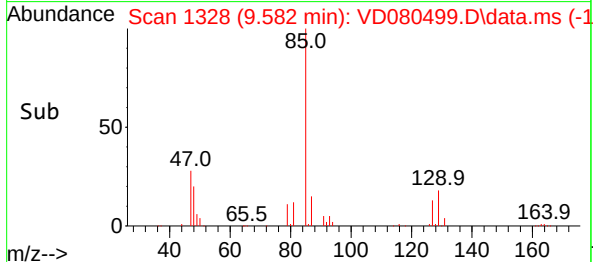
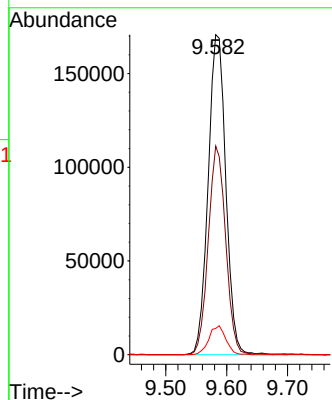
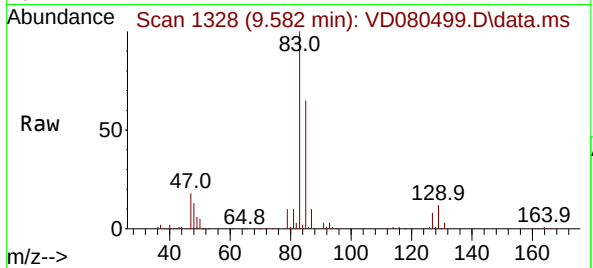




#47
Bromodichloromethane
Concen: 49.681 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

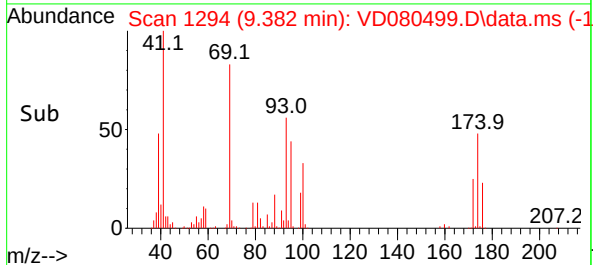
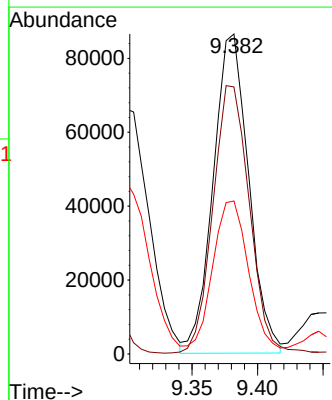
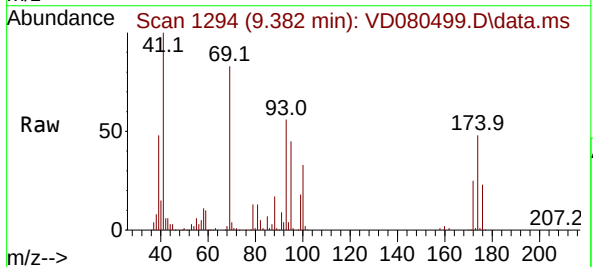
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

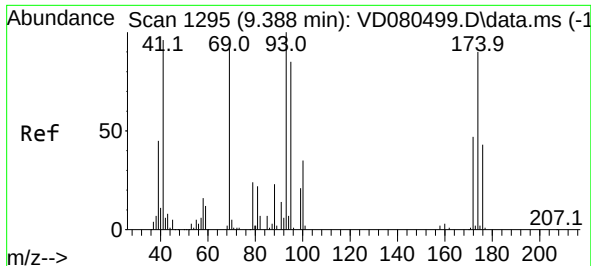
Tgt Ion: 83 Resp: 343973
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.2
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 49.938 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 41 Resp: 162676
Ion Ratio Lower Upper
41 100
69 85.9 68.7 103.1
39 45.6 36.5 54.7





#49

1,4-Dioxane

Concen: 1002.805 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

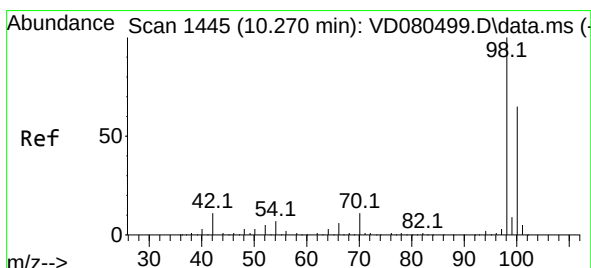
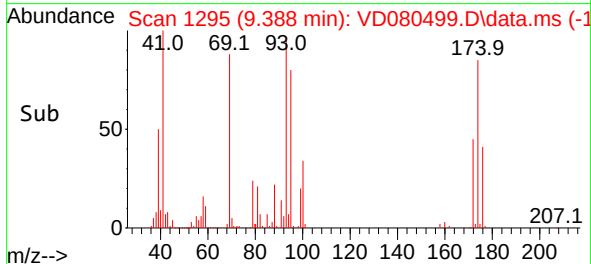
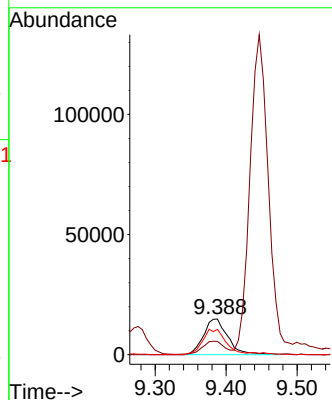
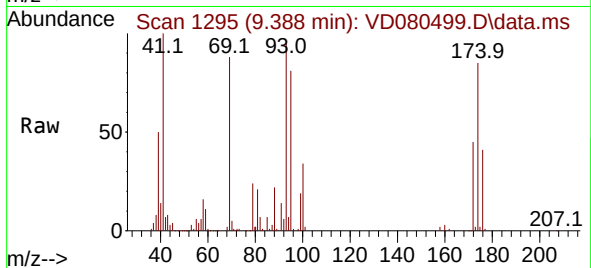
Tgt Ion: 88 Resp: 35209

Ion Ratio Lower Upper

88 100

43 32.6 26.1 39.1

58 67.7 54.2 81.2



#50

Toluene-d8

Concen: 48.657 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080499.D

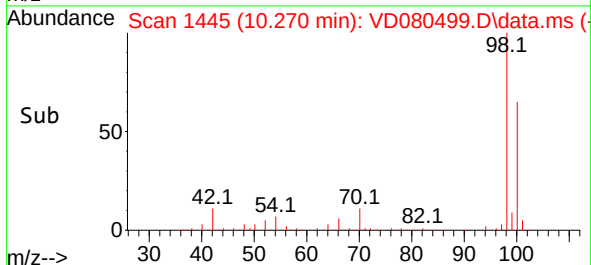
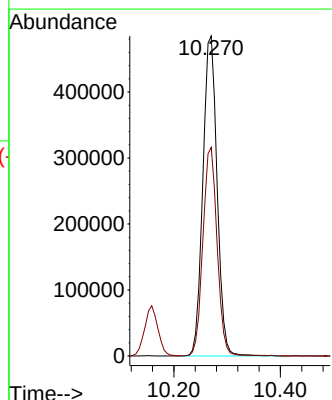
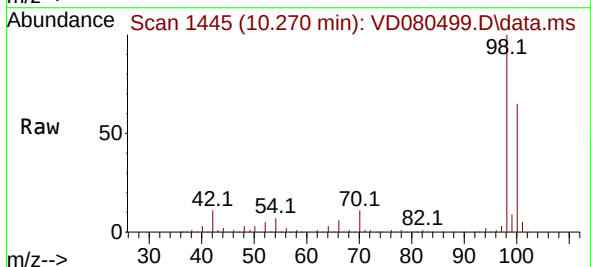
Acq: 27 Aug 2025 11:30

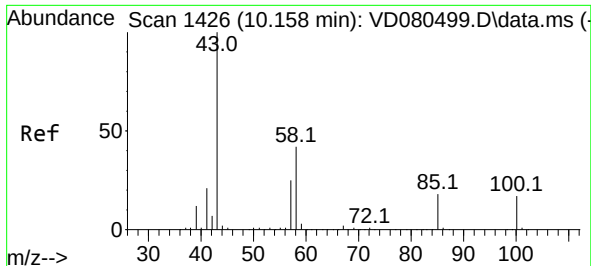
Tgt Ion: 98 Resp: 897879

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.6

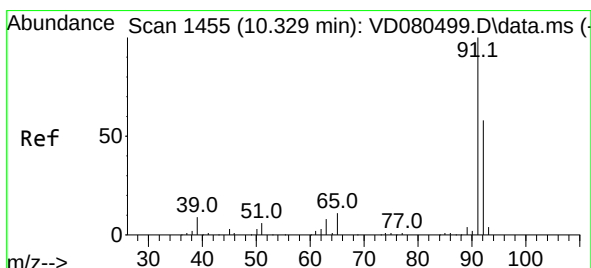
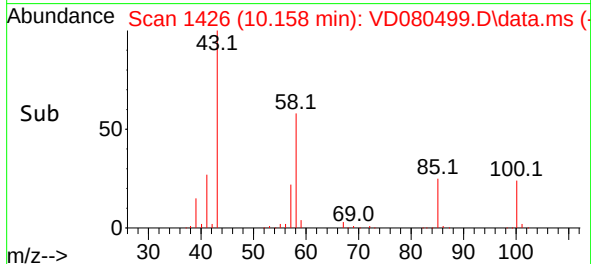
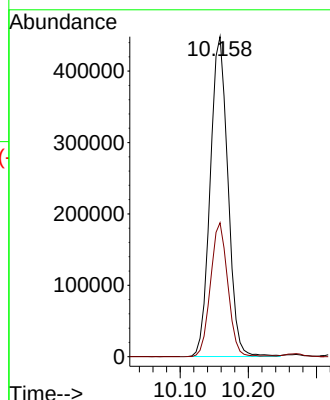
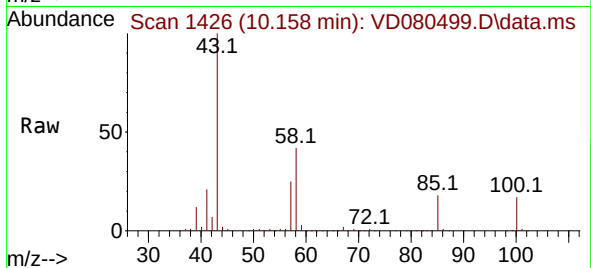




#51
4-Methyl-2-Pentanone
Concen: 247.566 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

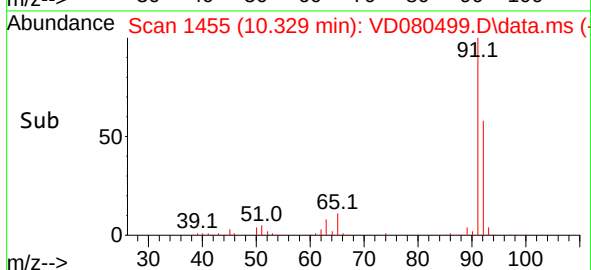
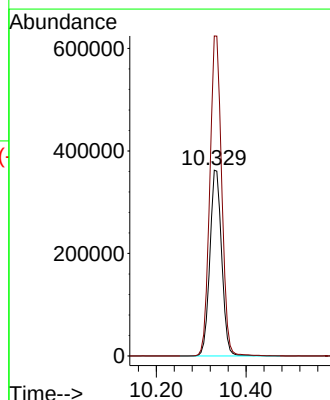
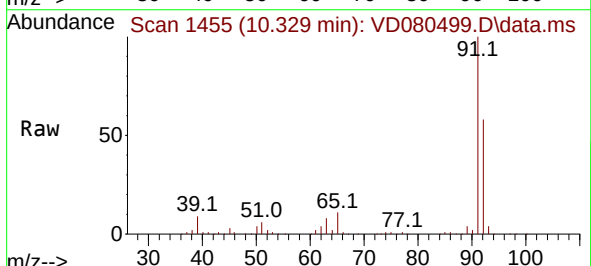
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

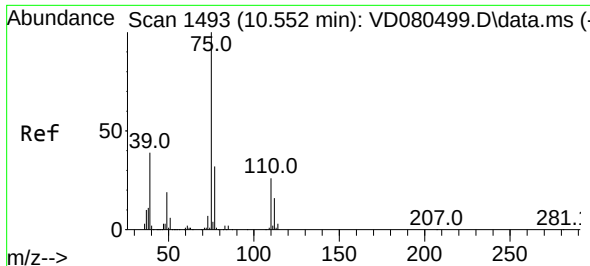
Tgt Ion: 43 Resp: 811307
Ion Ratio Lower Upper
43 100
58 41.0 32.8 49.2



#52
Toluene
Concen: 49.569 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 92 Resp: 660763
Ion Ratio Lower Upper
92 100
91 173.5 138.8 208.2

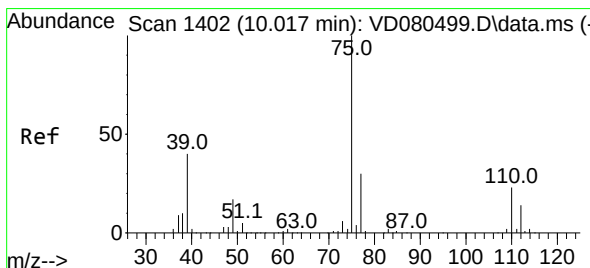
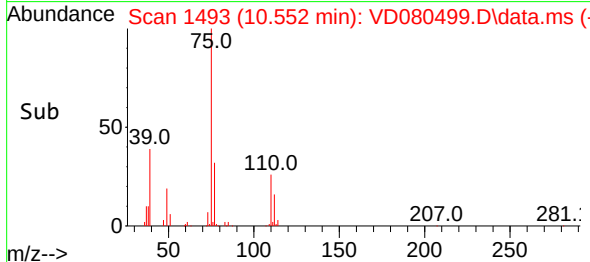
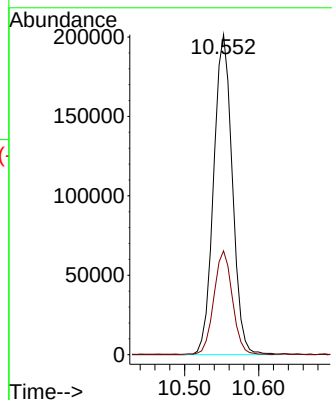
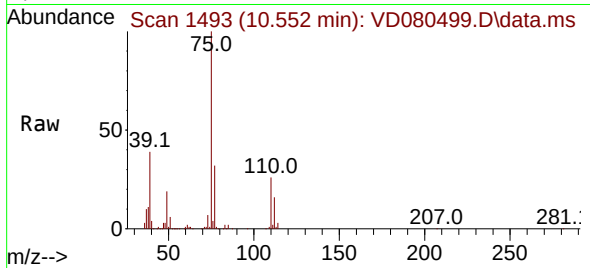




#53
 t-1,3-Dichloropropene
 Concen: 49.981 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

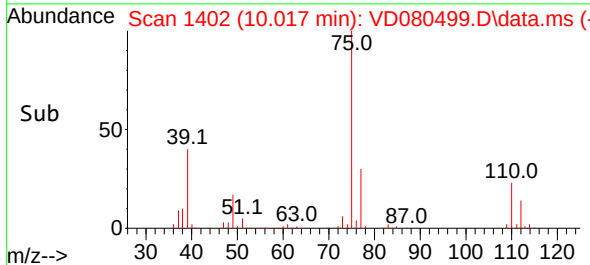
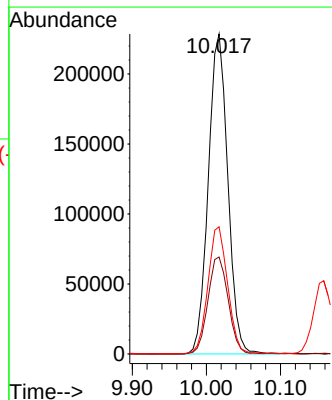
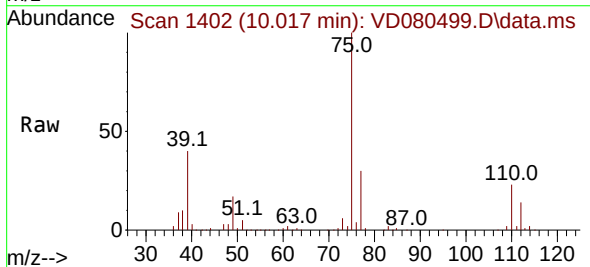
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

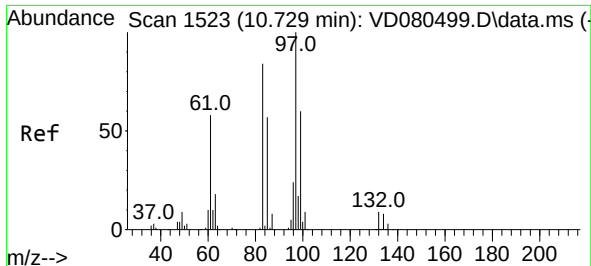
Tgt Ion: 75 Resp: 352664
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.535 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

Tgt Ion: 75 Resp: 417986
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.2 36.4
 39 39.7 31.8 47.6



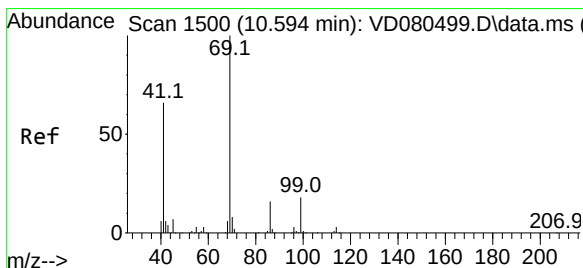
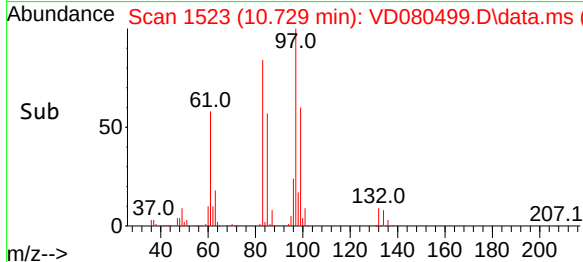
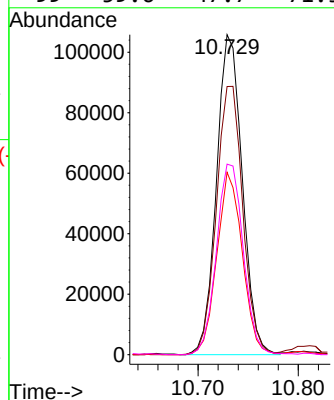
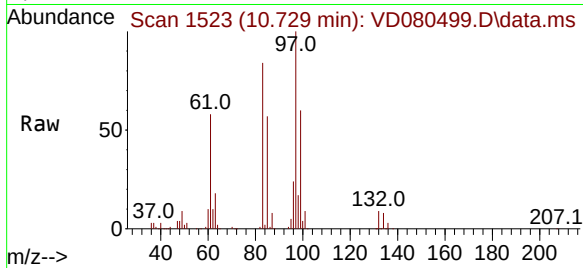


#55
1,1,2-Trichloroethane
Concen: 49.602 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 188873

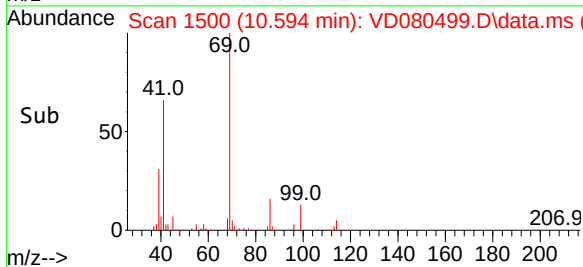
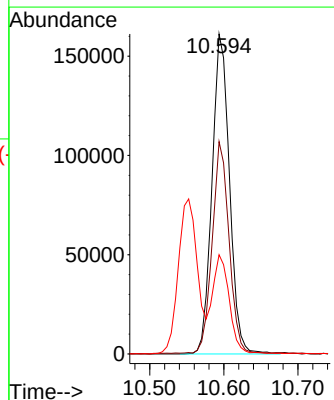
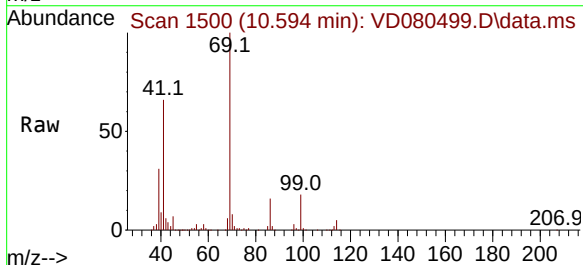
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.0	100.6
85	57.0	45.6	68.4
99	59.6	47.7	71.5

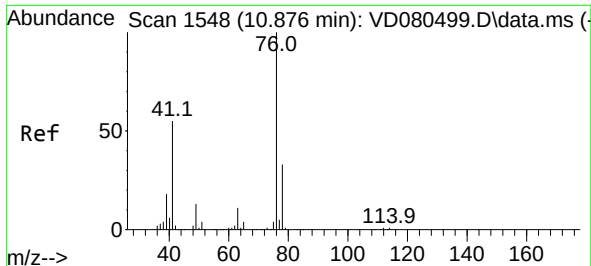


#56
Ethyl methacrylate
Concen: 49.717 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 69 Resp: 263760

Ion	Ratio	Lower	Upper
69	100		
41	64.9	51.9	77.9
39	29.5	23.6	35.4





#57

1,3-Dichloropropane

Concen: 49.193 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

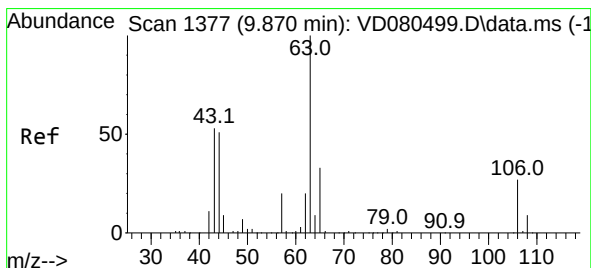
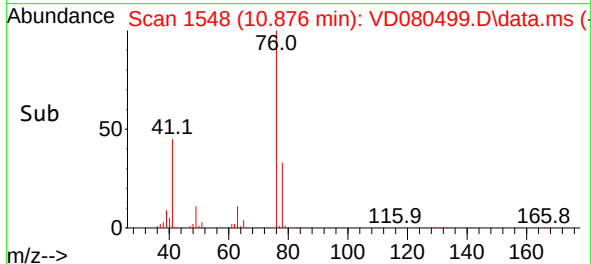
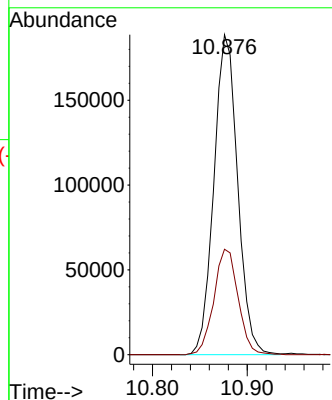
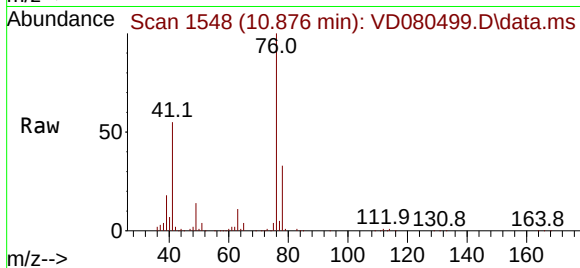
VSTDICCC050

Tgt Ion: 76 Resp: 328746

Ion Ratio Lower Upper

76 100

78 33.6 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 255.662 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080499.D

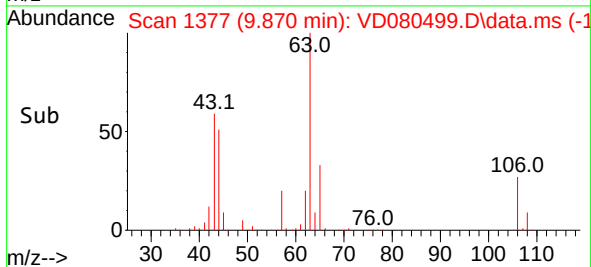
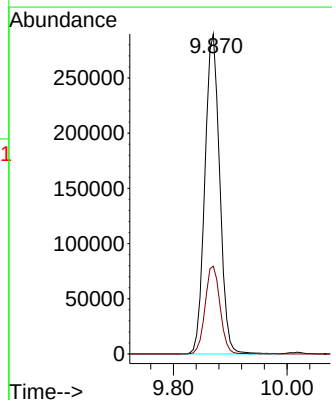
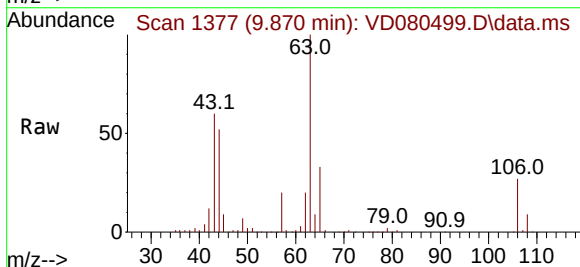
Acq: 27 Aug 2025 11:30

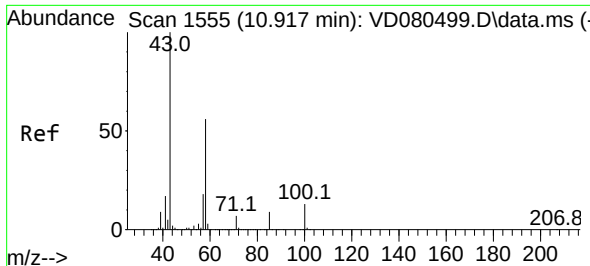
Tgt Ion: 63 Resp: 524877

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

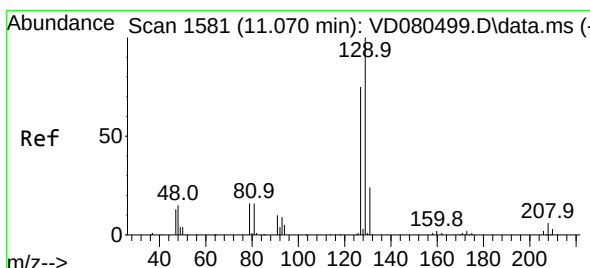
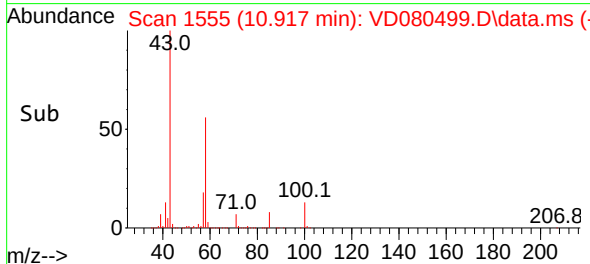
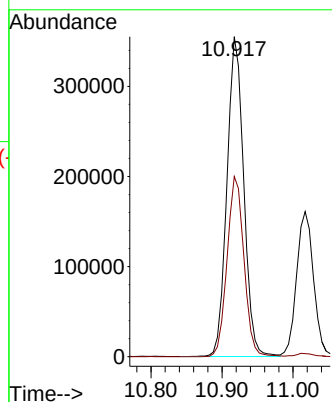
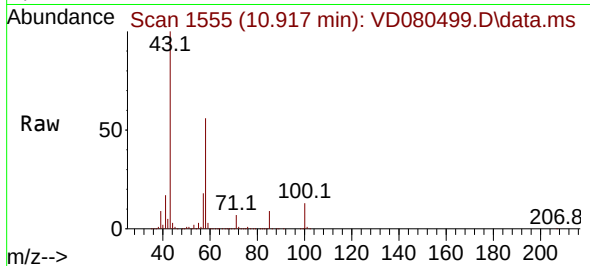




#59
2-Hexanone
Concen: 249.885 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

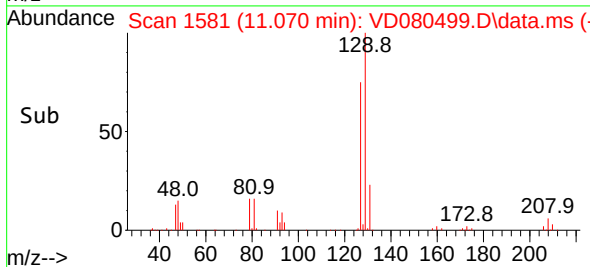
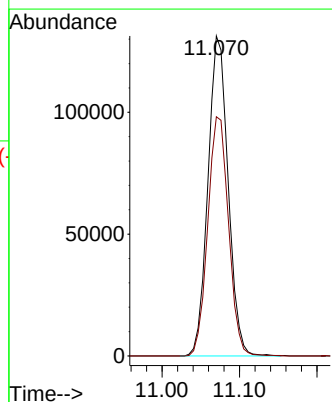
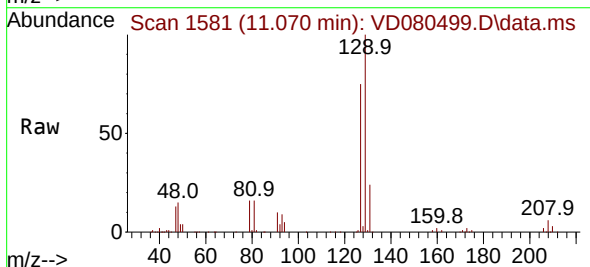
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

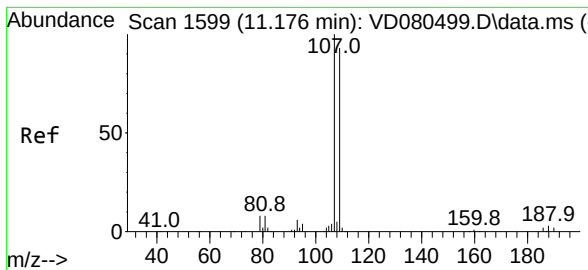
Tgt Ion: 43 Resp: 581854
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 49.394 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 129 Resp: 237031
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

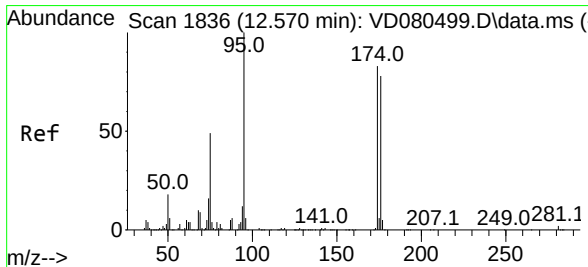
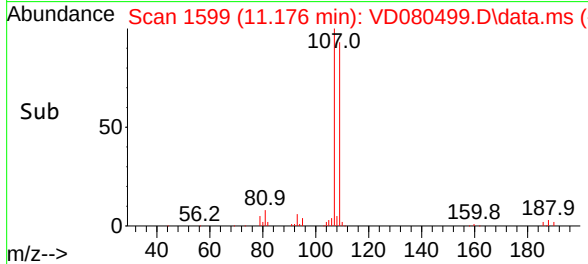
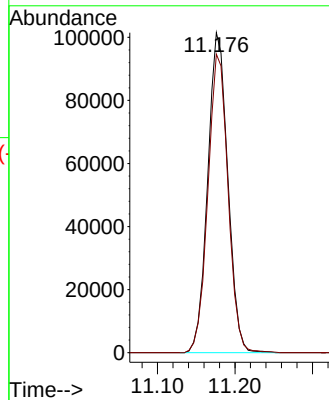
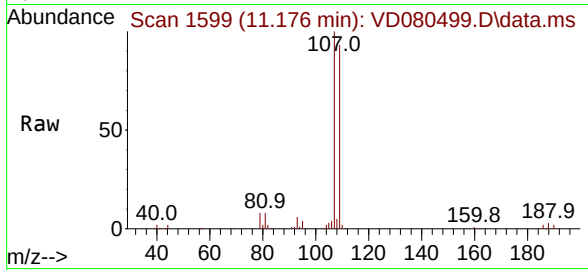




#61
1,2-Dibromoethane
Concen: 50.352 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

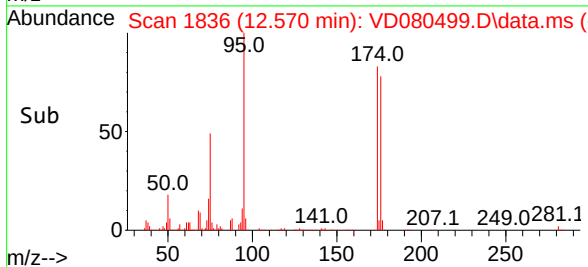
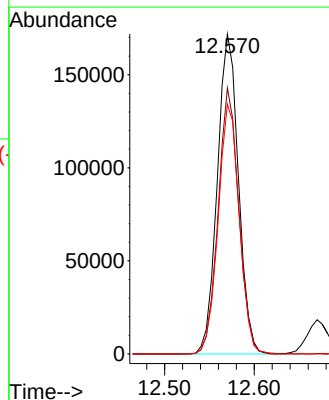
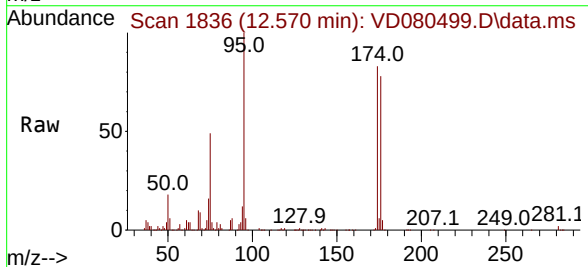
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

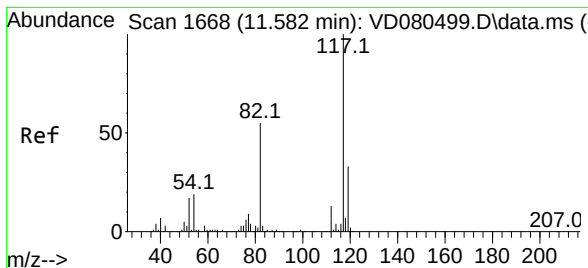
Tgt Ion:107 Resp: 182431
Ion Ratio Lower Upper
107 100
109 93.6 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 48.211 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 95 Resp: 280298
Ion Ratio Lower Upper
95 100
174 81.3 0.0 162.6
176 78.0 0.0 156.0

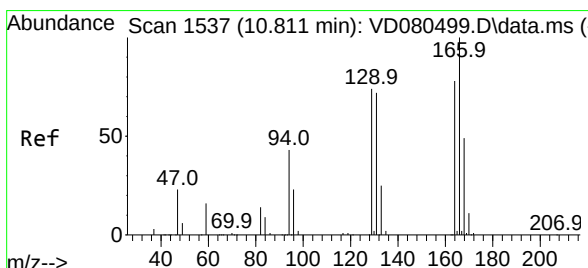
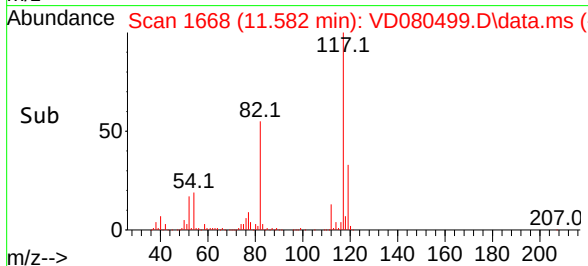
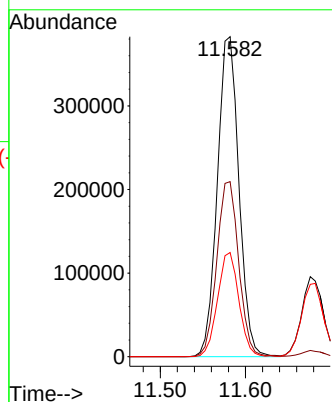
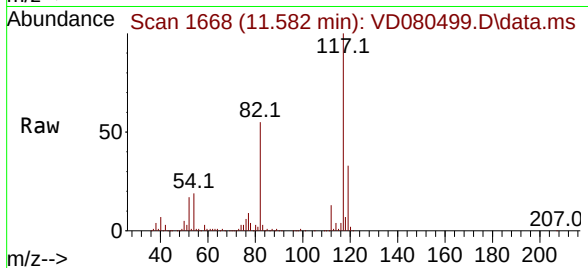




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

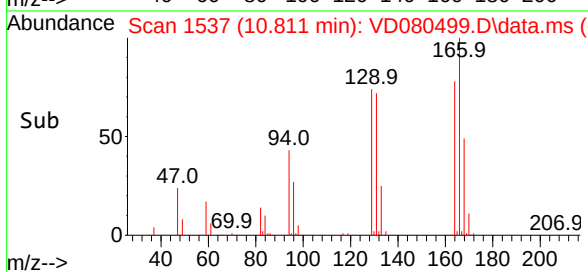
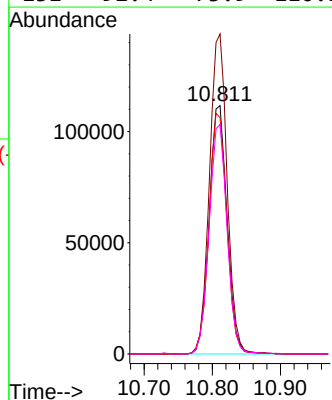
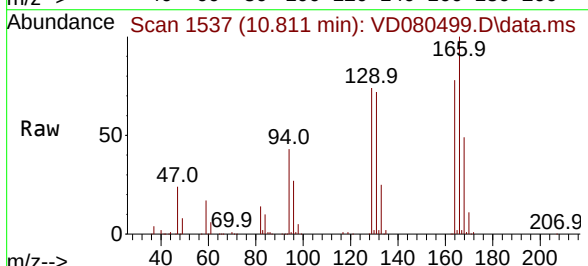
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

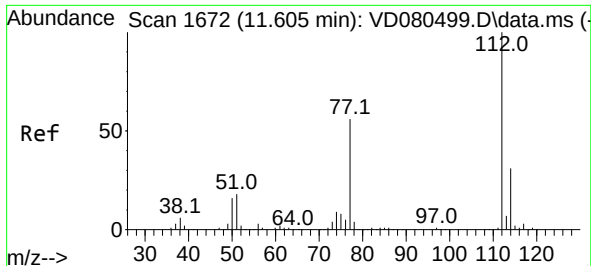
Tgt Ion:117 Resp: 673486
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.6
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 49.237 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion:164 Resp: 204787
Ion Ratio Lower Upper
164 100
166 128.9 103.1 154.7
129 95.2 76.2 114.2
131 92.4 73.9 110.9

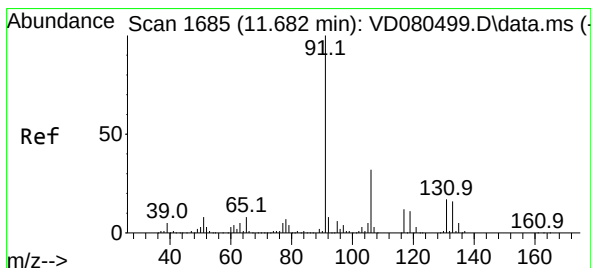
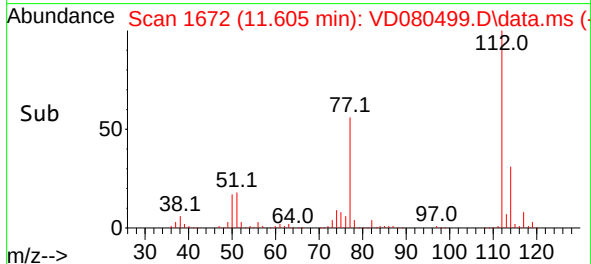
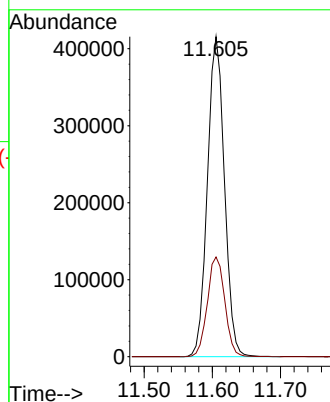
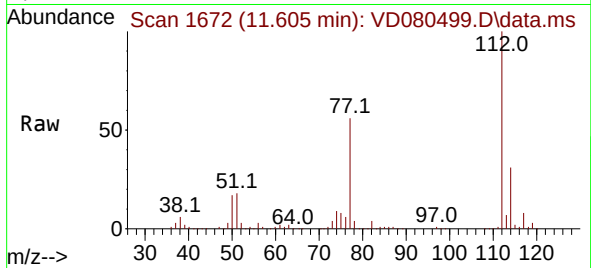




#65
Chlorobenzene
Concen: 50.314 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

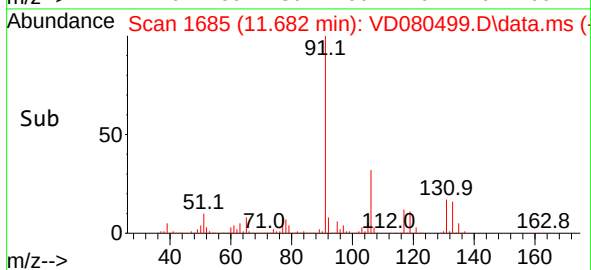
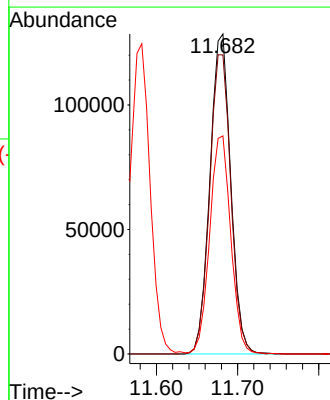
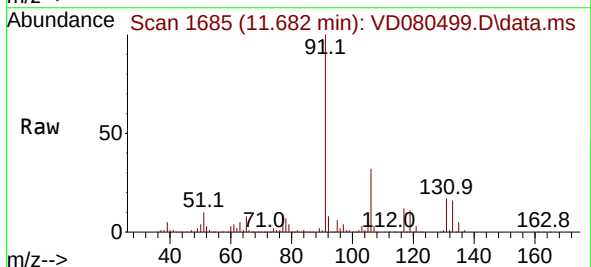
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

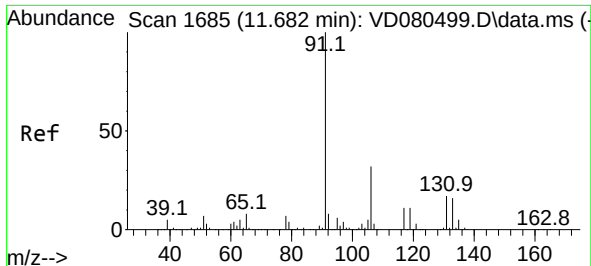
Tgt Ion:112 Resp: 722091
Ion Ratio Lower Upper
112 100
114 31.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.925 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion:131 Resp: 228539
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 69.3 34.6 103.9

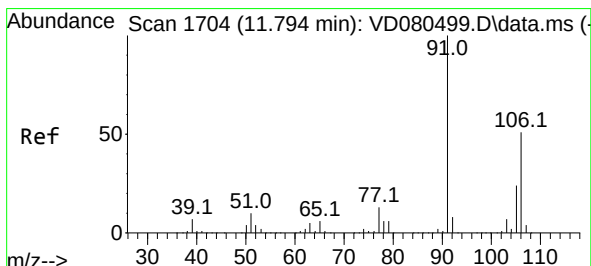
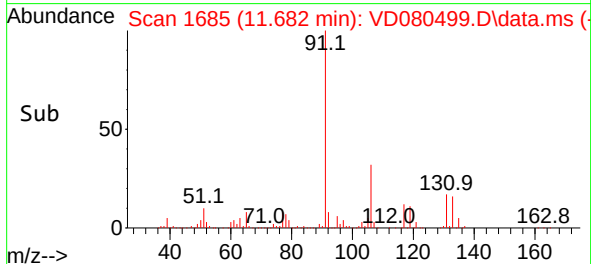
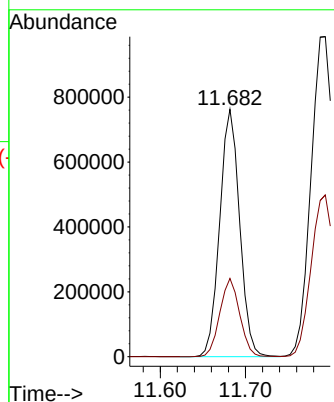
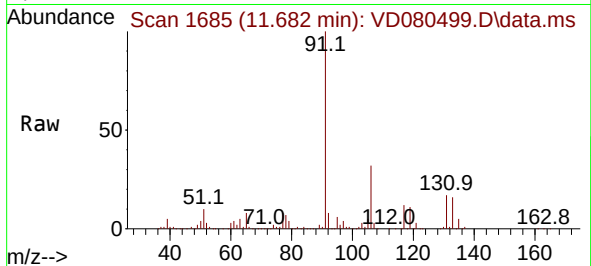




#67
Ethyl Benzene
Concen: 49.966 ug/l
RT: 11.682 min Scan# 11685
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

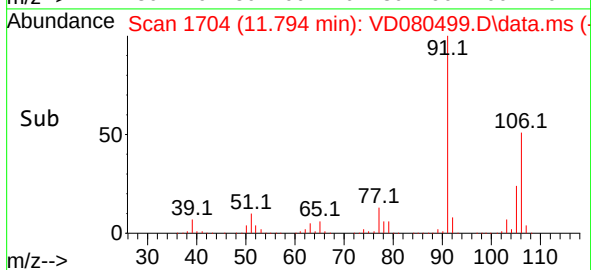
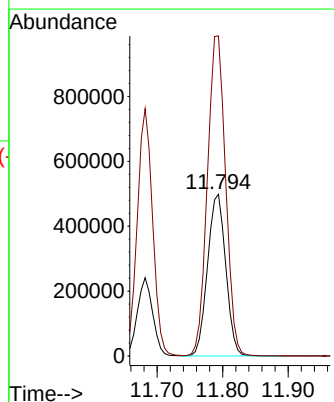
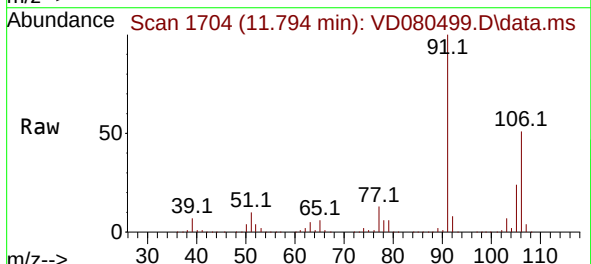
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

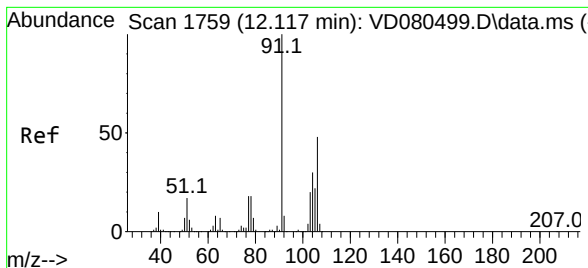
Tgt Ion: 91 Resp: 1241186
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0



#68
m/p-Xylenes
Concen: 100.589 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion:106 Resp: 962098
Ion Ratio Lower Upper
106 100
91 198.1 158.5 237.7

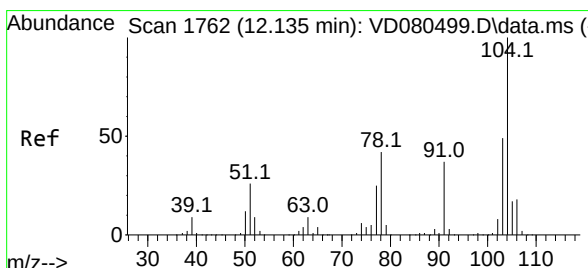
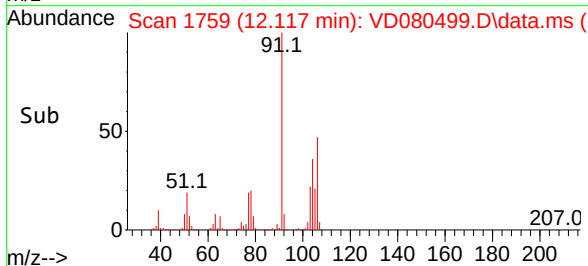
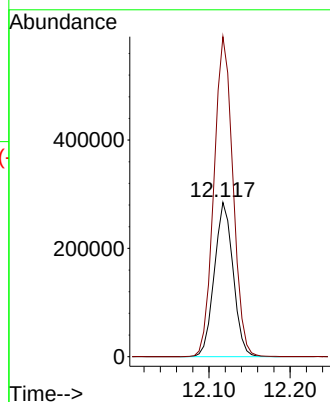
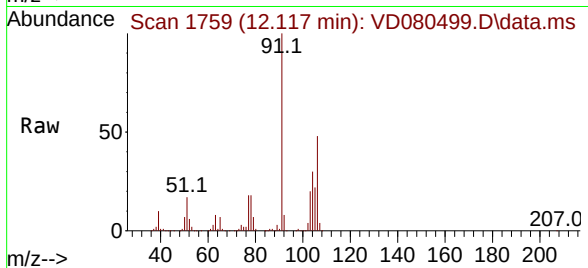




#69
o-Xylene
Concen: 50.186 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

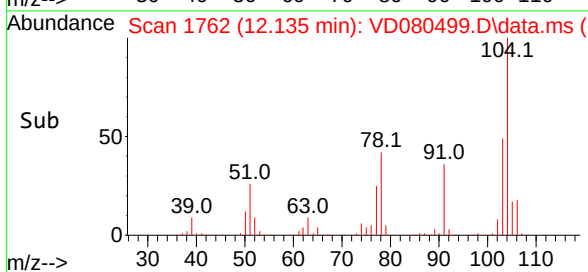
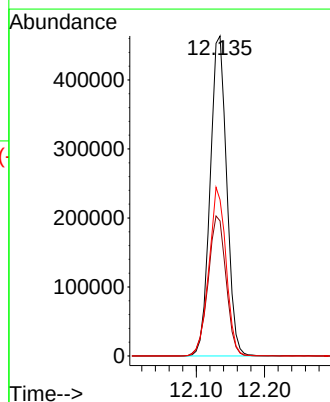
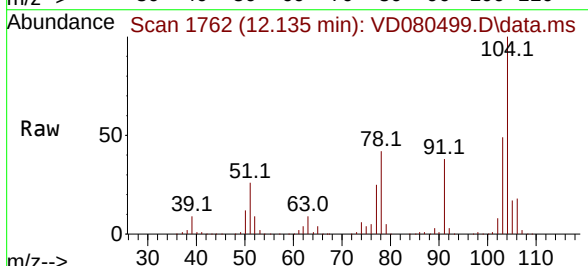
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

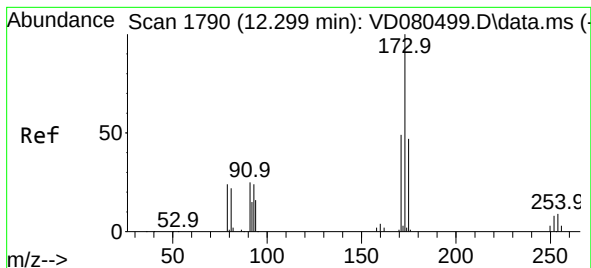
Tgt Ion:106 Resp: 458065
Ion Ratio Lower Upper
106 100
91 210.5 105.3 315.8



#70
Styrene
Concen: 50.523 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion:104 Resp: 784497
Ion Ratio Lower Upper
104 100
78 47.4 37.9 56.9
103 54.4 43.5 65.3





#71

Bromoform

Concen: 49.553 ug/l

RT: 12.299 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

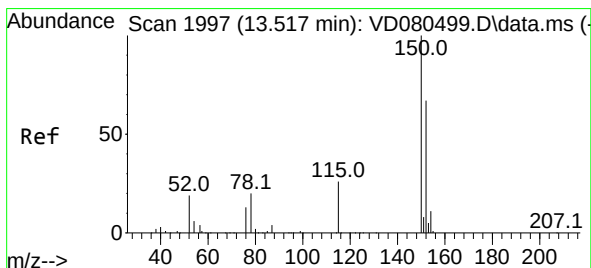
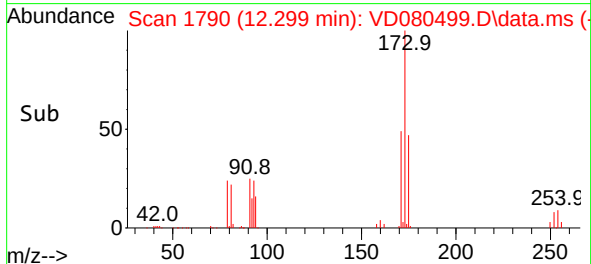
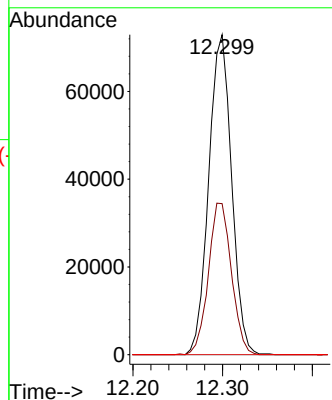
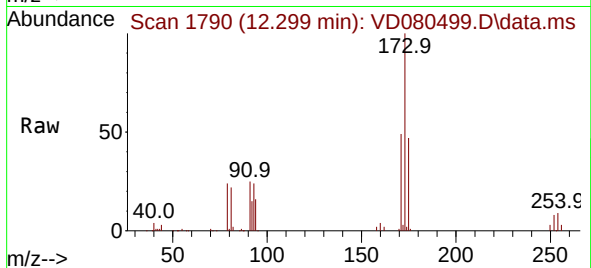
Tgt Ion:173 Resp: 128920

Ion Ratio Lower Upper

173 100

175 47.8 23.9 71.7

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

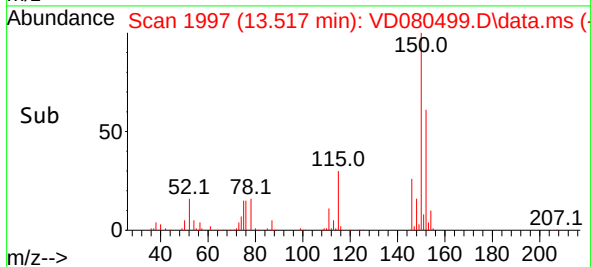
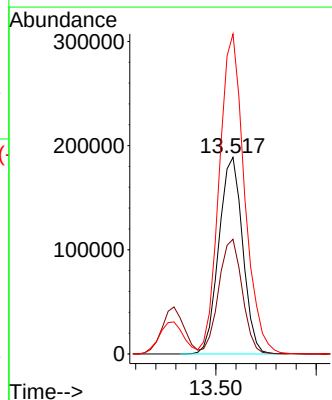
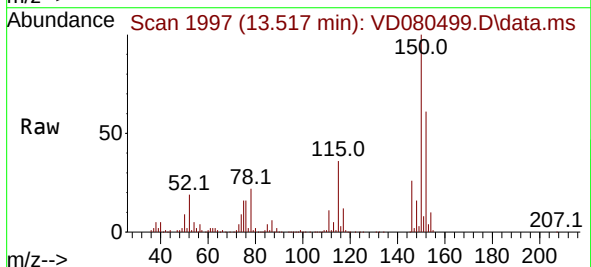
Tgt Ion:152 Resp: 310733

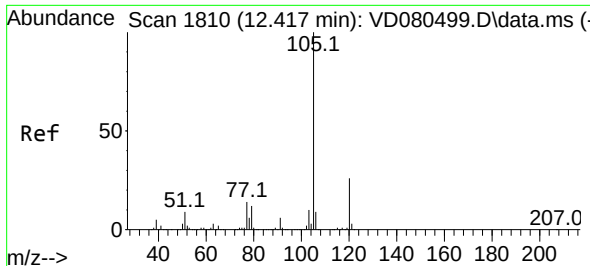
Ion Ratio Lower Upper

152 100

115 58.0 29.0 87.0

150 172.5 0.0 345.0

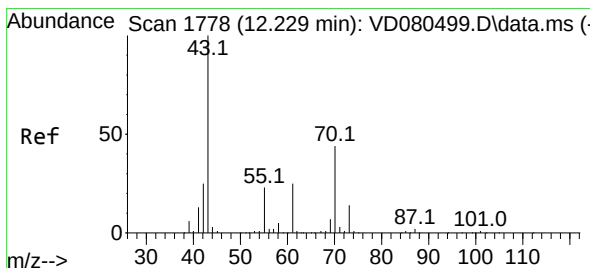
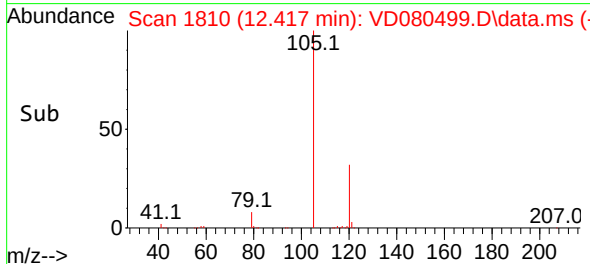
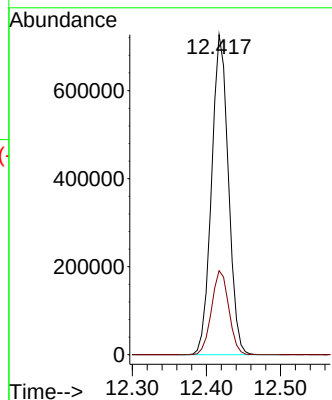
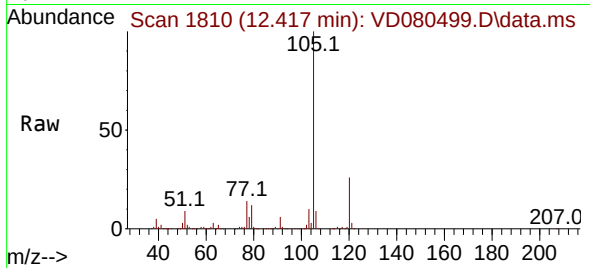




#73
Isopropylbenzene
Concen: 50.325 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

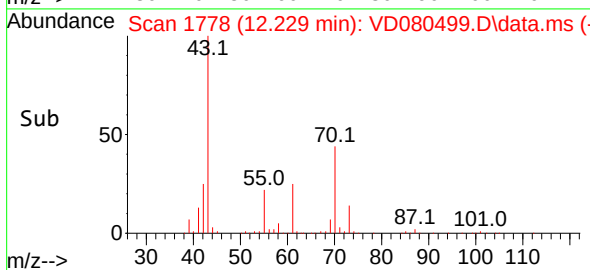
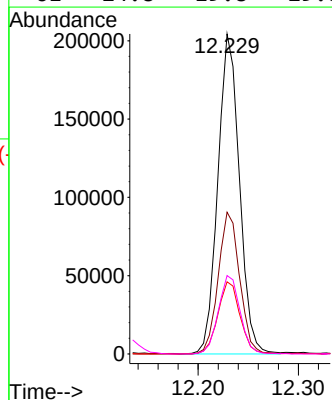
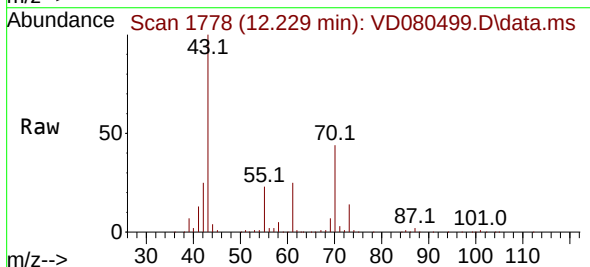
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

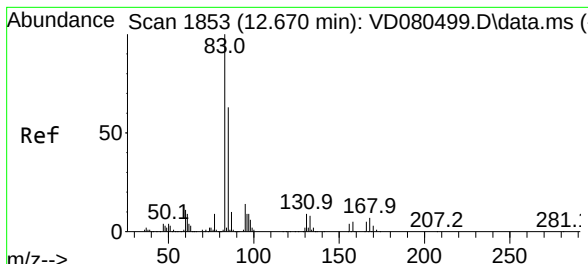
Tgt Ion:105 Resp: 1145729
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 50.403 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 43 Resp: 304511
Ion Ratio Lower Upper
43 100
70 44.2 35.4 53.0
55 23.3 18.6 28.0
61 24.8 19.8 29.8

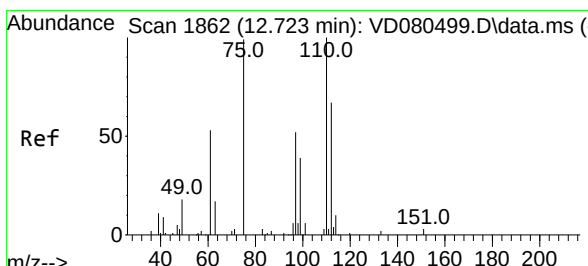
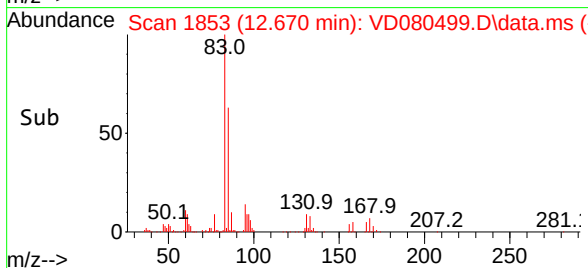
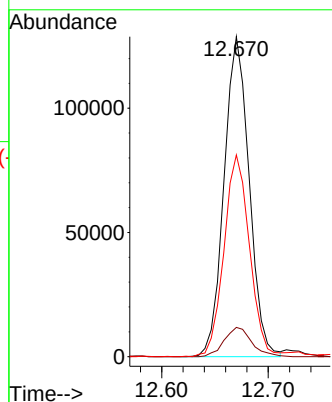
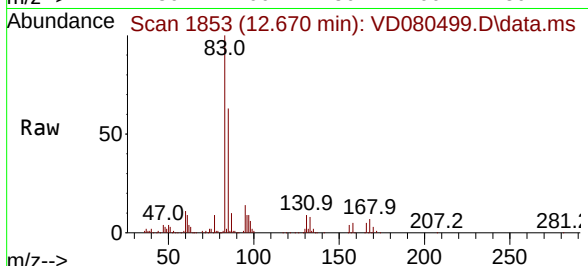




#75
 1,1,2-Tetrachloroethane
 Concen: 49.816 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

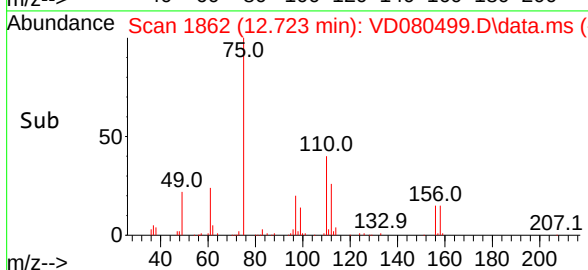
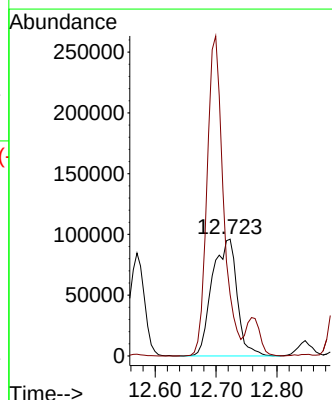
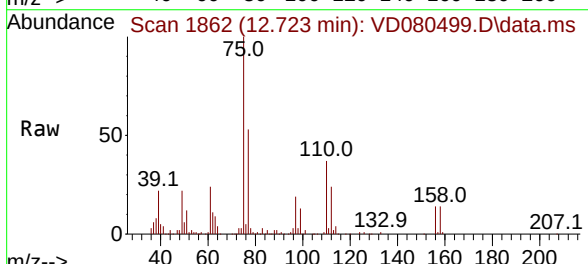
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

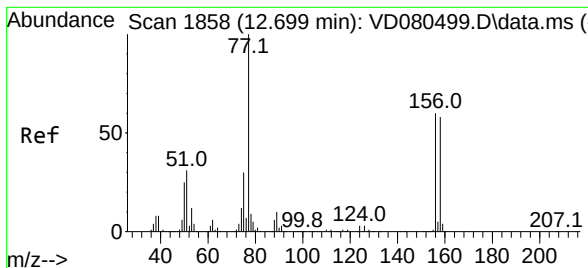
Tgt Ion: 83 Resp: 210857
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 15.0
 85 63.9 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 107.229 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

Tgt Ion: 75 Resp: 271943
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.481 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

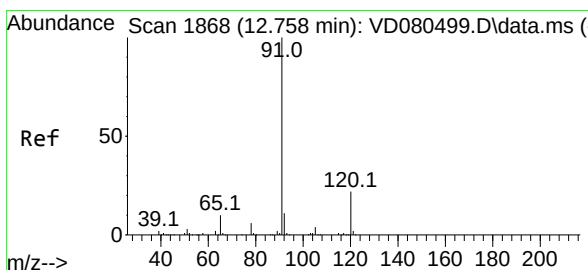
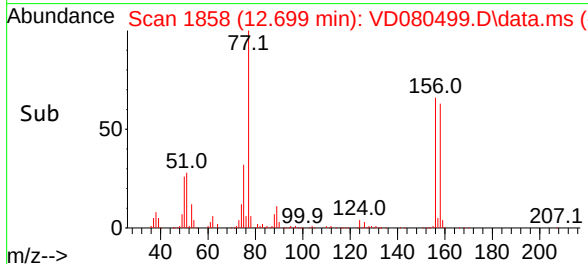
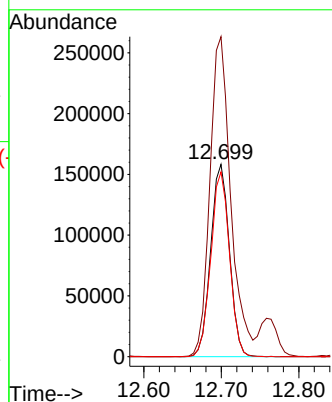
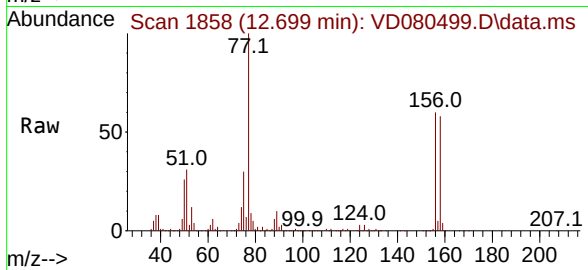
Tgt Ion:156 Resp: 265912

Ion Ratio Lower Upper

156 100

77 184.9 92.5 277.3

158 95.7 47.9 143.6



#78

n-propylbenzene

Concen: 50.290 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD080499.D

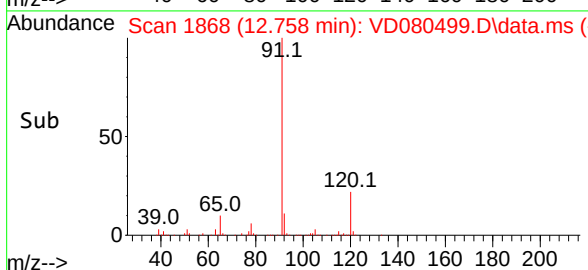
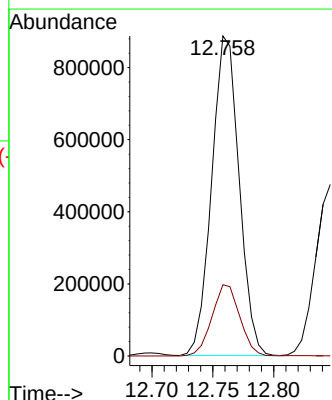
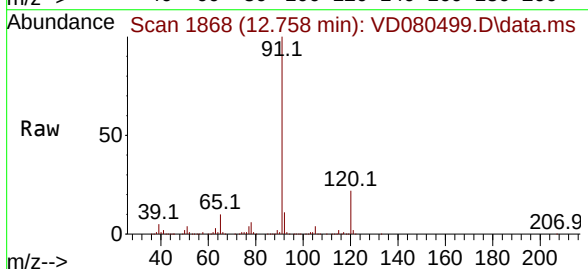
Acq: 27 Aug 2025 11:30

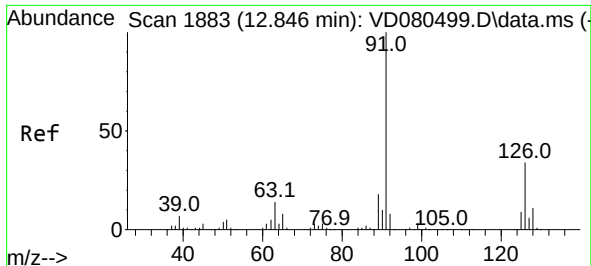
Tgt Ion: 91 Resp: 1390245

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9

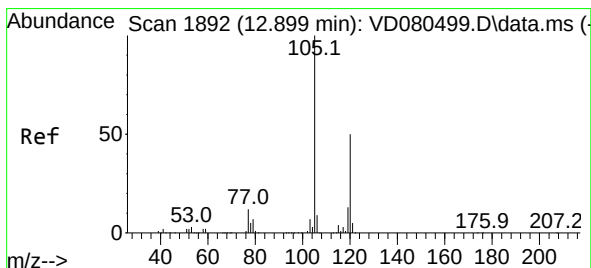
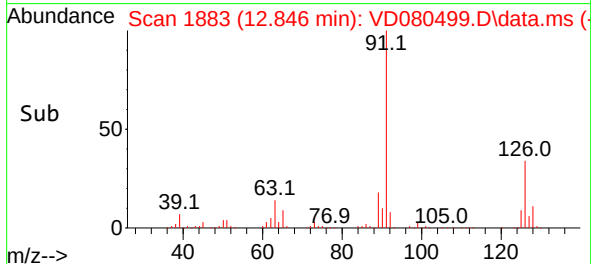
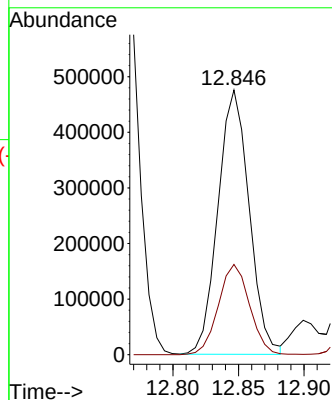
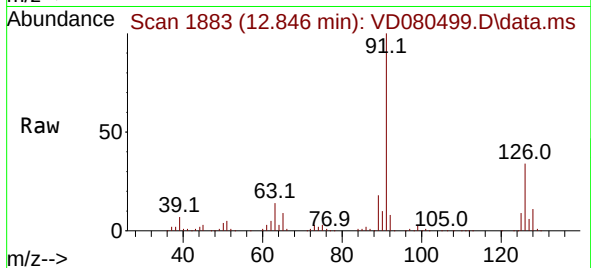




#79
2-Chlorotoluene
Concen: 50.000 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

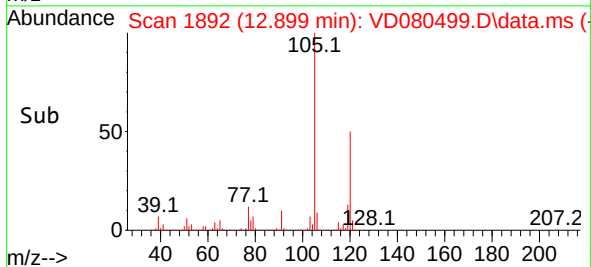
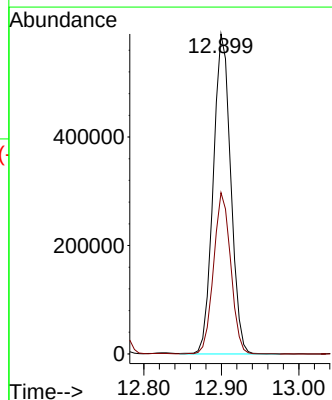
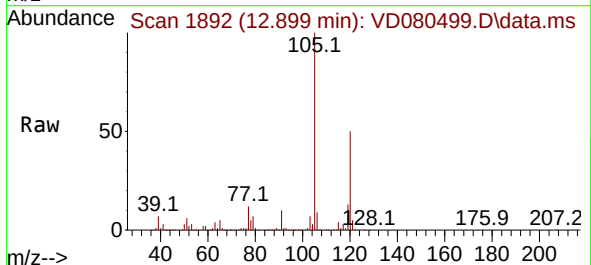
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

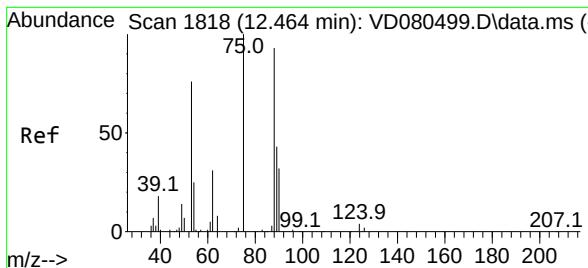
Tgt Ion: 91 Resp: 787642
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 49.991 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 105 Resp: 924818
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1

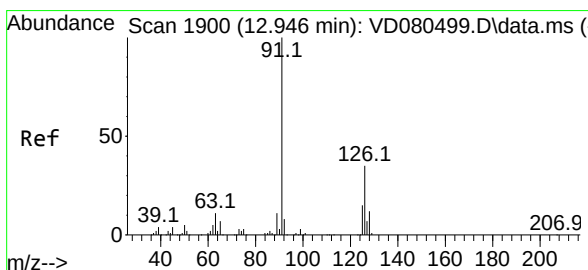
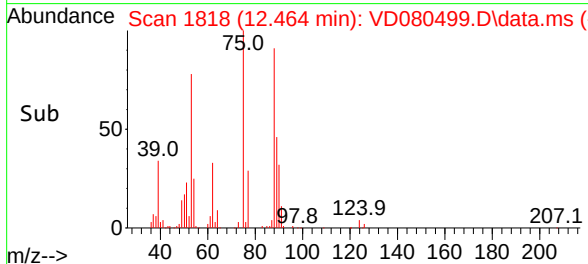
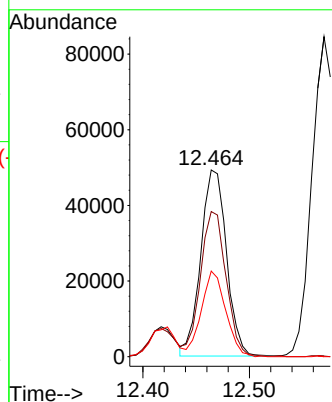
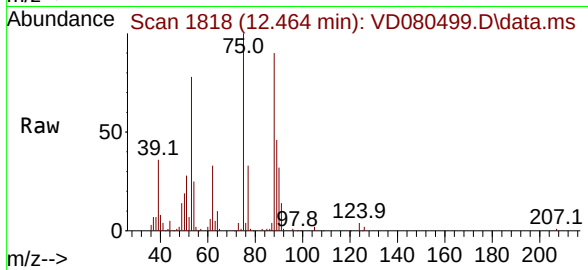




#81
trans-1,4-Dichloro-2-butene
Concen: 49.482 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

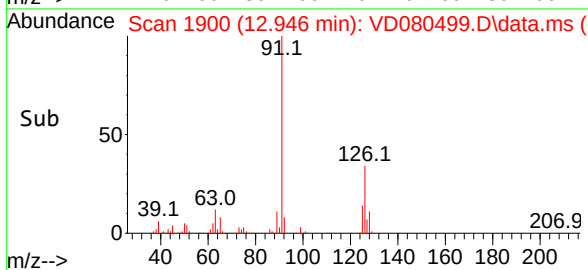
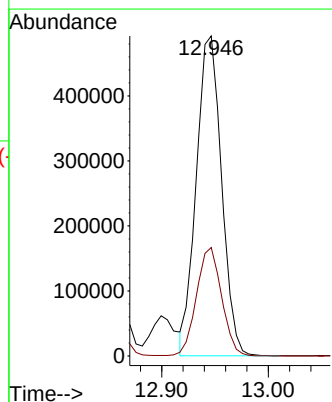
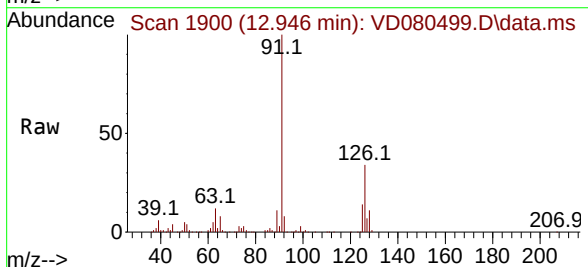
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

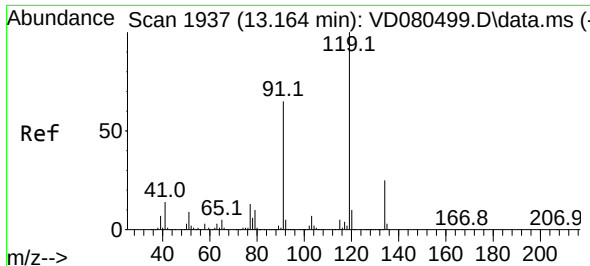
Tgt Ion: 75 Resp: 82680
Ion Ratio Lower Upper
75 100
53 77.4 61.9 92.9
89 43.3 34.6 52.0



#82
4-Chlorotoluene
Concen: 50.067 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 91 Resp: 811248
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7

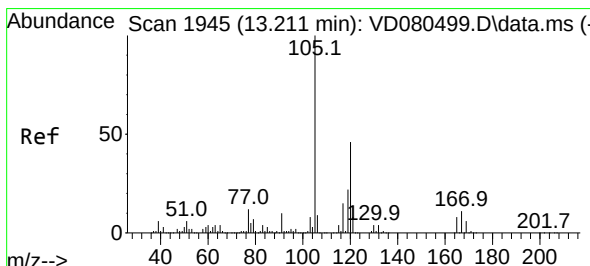
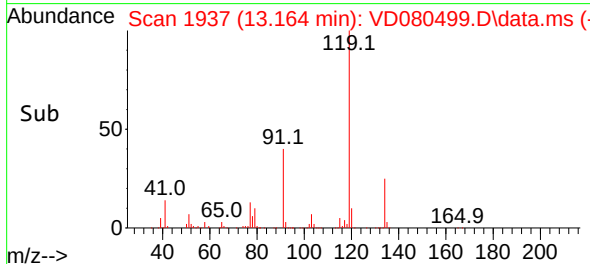
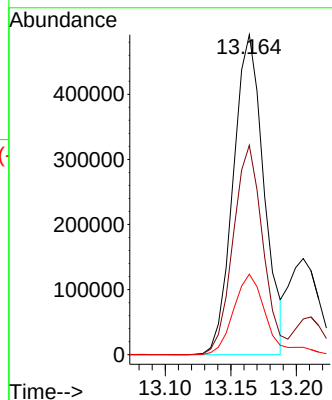
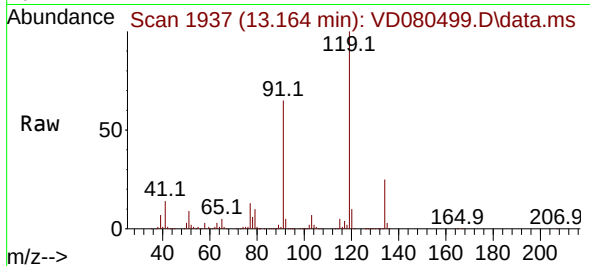




#83
 tert-Butylbenzene
 Concen: 49.899 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

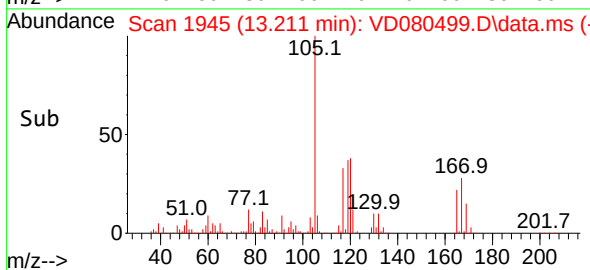
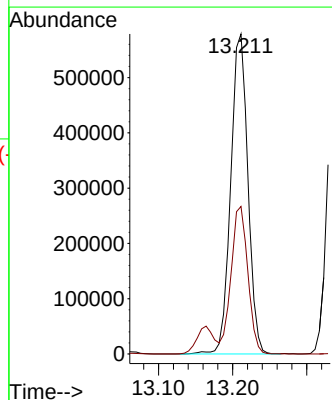
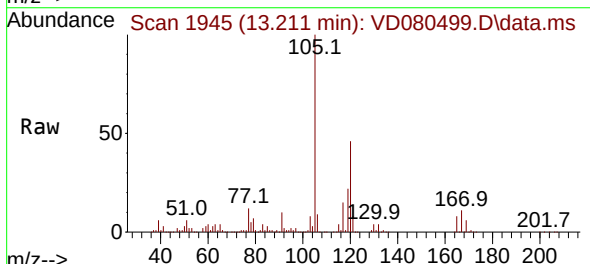
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

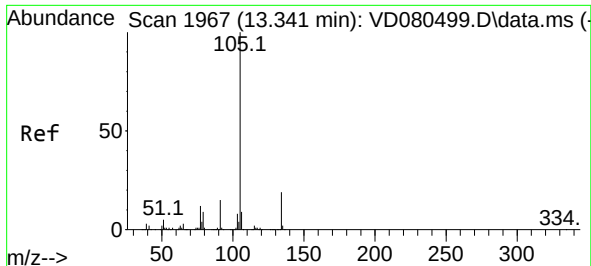
Tgt Ion:119 Resp: 800920
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.0 96.0
 134 27.0 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.933 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

Tgt Ion:105 Resp: 930126
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5

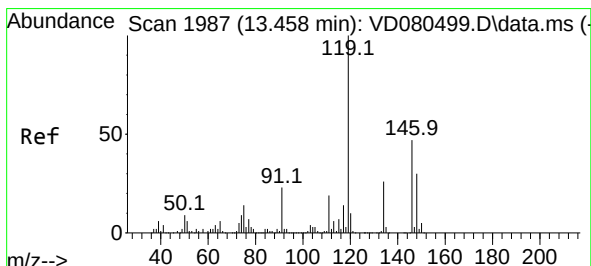
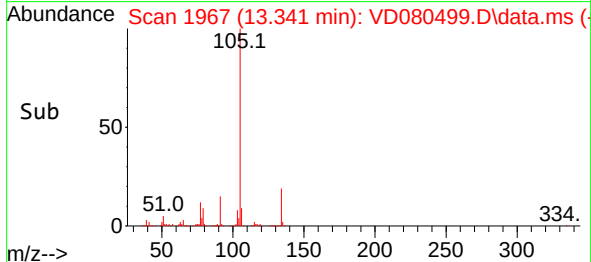
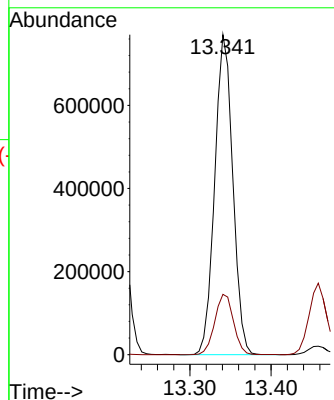
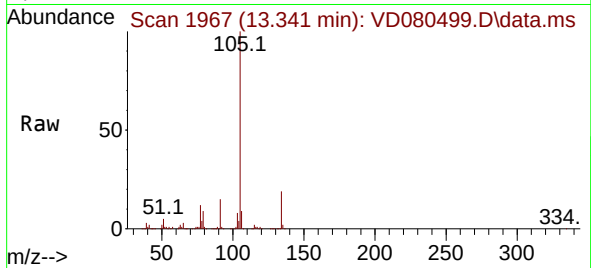




#85
 sec-Butylbenzene
 Concen: 49.689 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

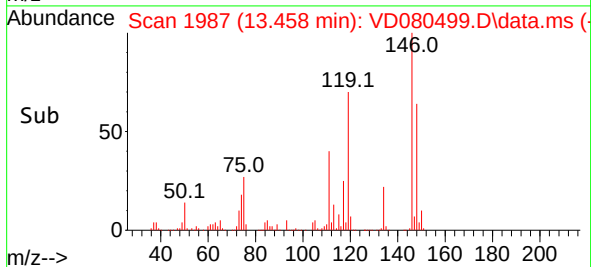
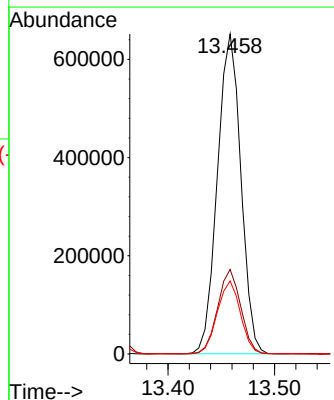
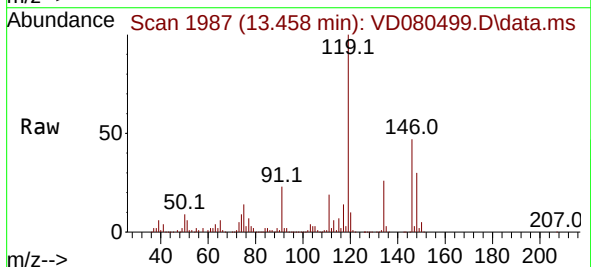
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

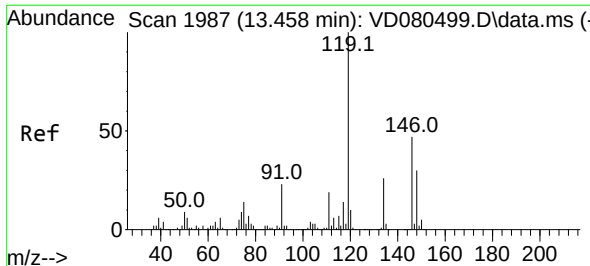
Tgt Ion:105 Resp: 1190331
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.720 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

Tgt Ion:119 Resp: 996345
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 22.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 50.499 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

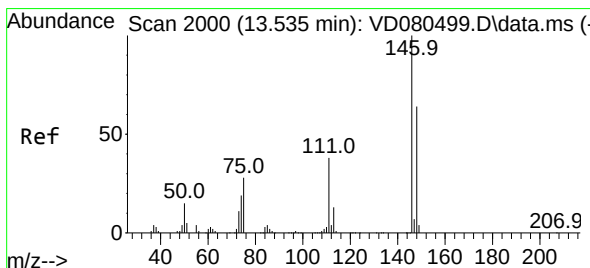
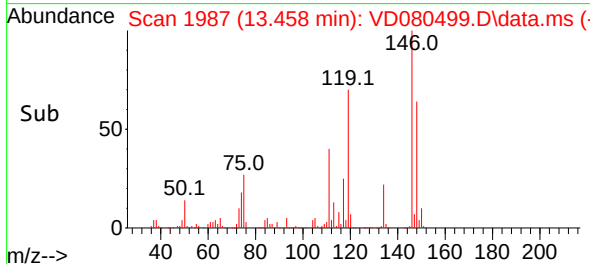
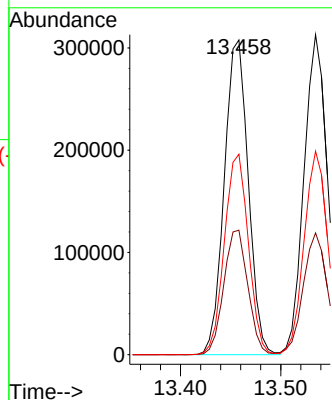
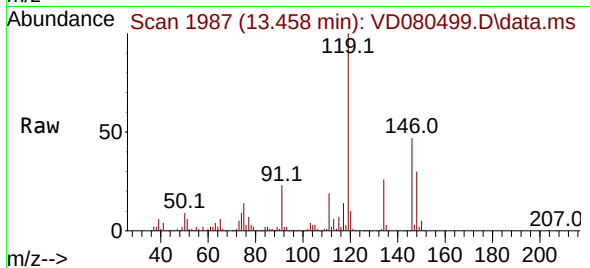
Tgt Ion:146 Resp: 512877

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.6

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 49.684 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

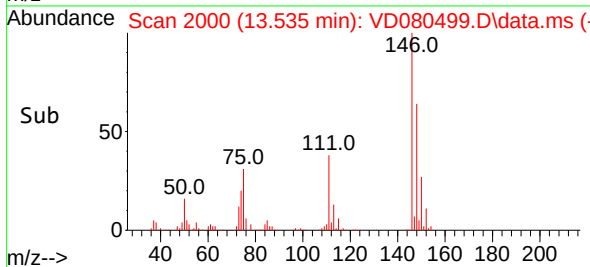
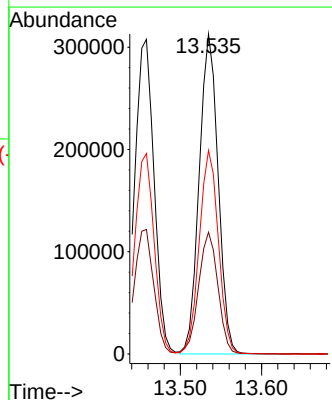
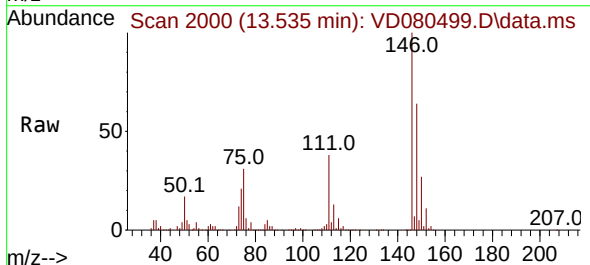
Tgt Ion:146 Resp: 506699

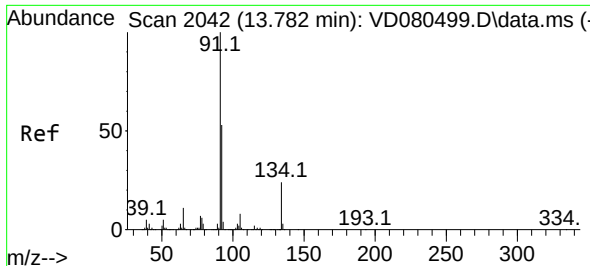
Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

148 64.3 32.1 96.5

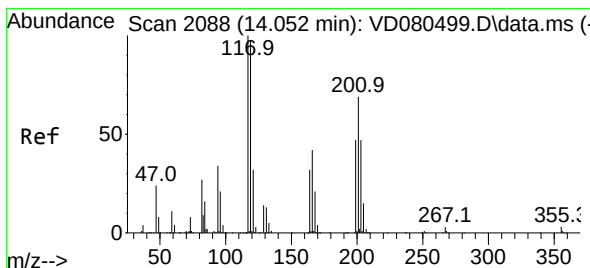
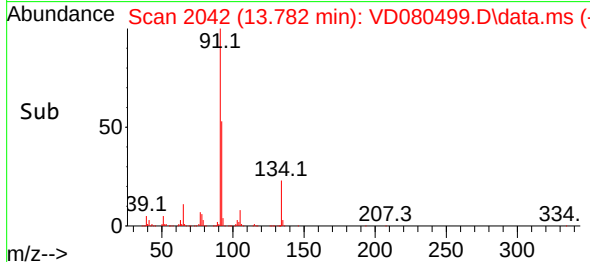
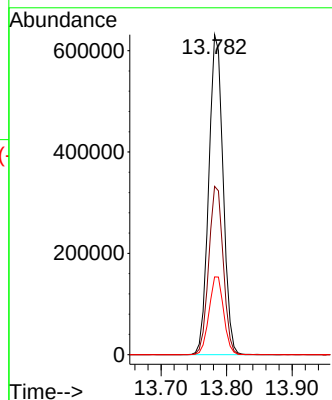
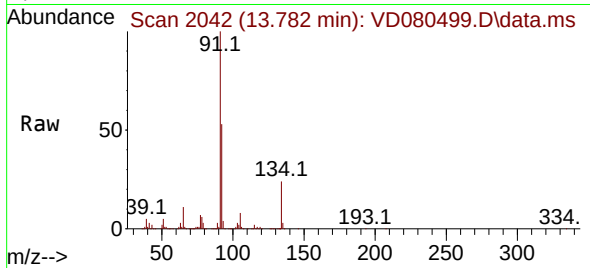




#89
n-Butylbenzene
Concen: 50.255 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

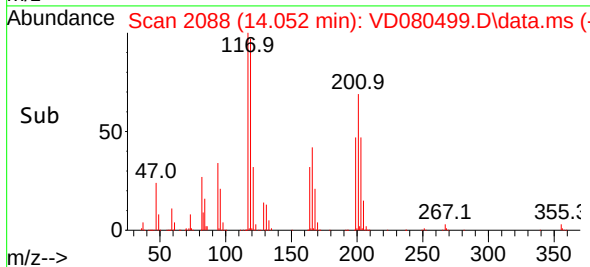
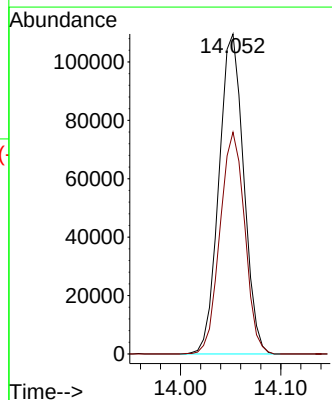
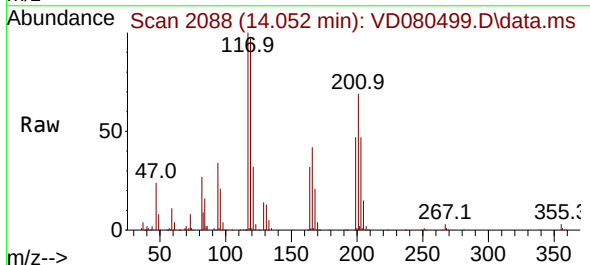
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

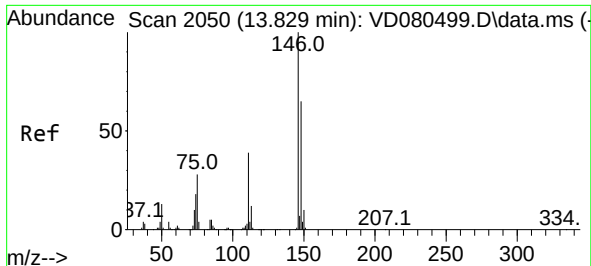
Tgt Ion: 91 Resp: 959340
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 48.473 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion: 117 Resp: 187882
Ion Ratio Lower Upper
117 100
201 69.2 34.6 103.8

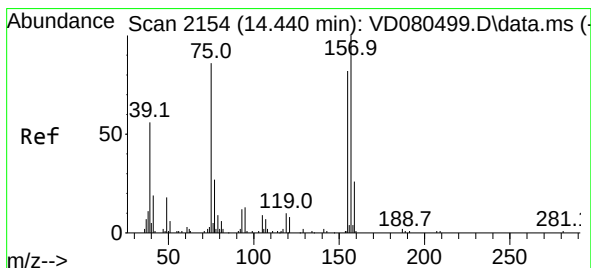
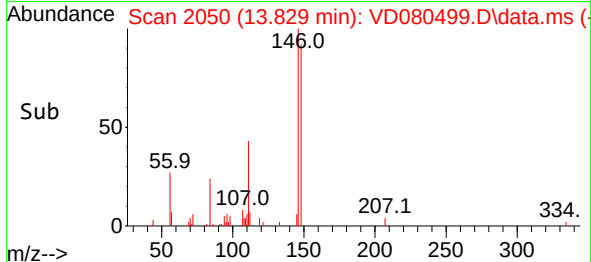
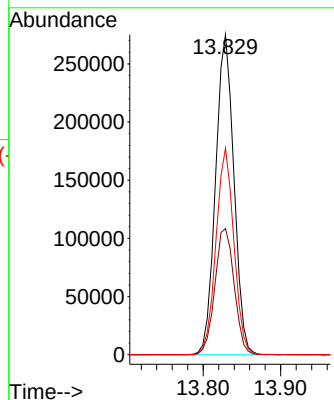
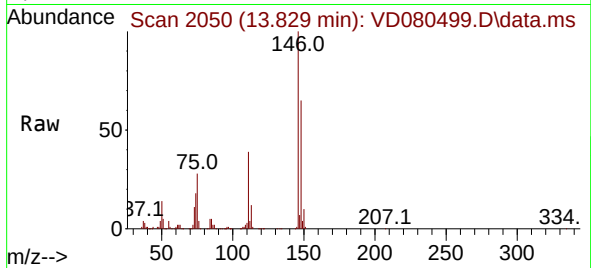




#91
 1,2-Dichlorobenzene
 Concen: 49.955 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

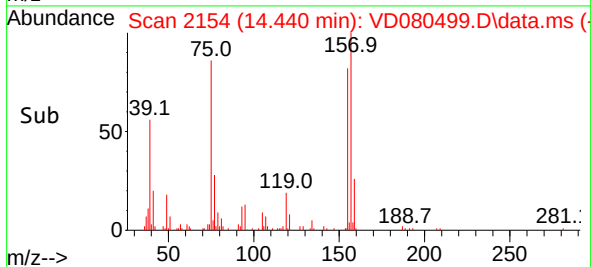
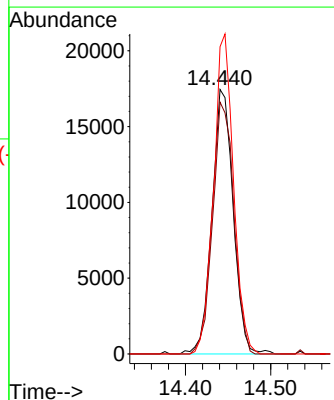
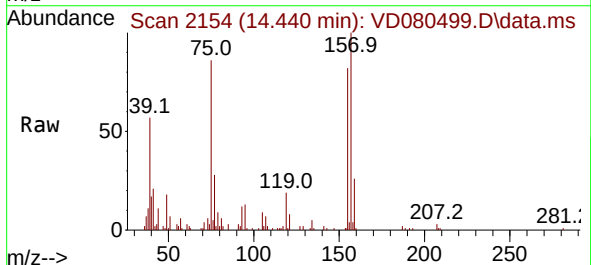
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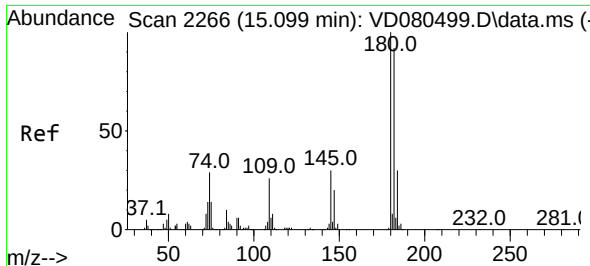
Tgt Ion:146 Resp: 451489
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 63.0 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.585 ug/l
 RT: 14.440 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VD080499.D
 Acq: 27 Aug 2025 11:30

Tgt Ion: 75 Resp: 30226
 Ion Ratio Lower Upper
 75 100
 155 95.1 47.5 142.6
 157 113.5 56.8 170.3

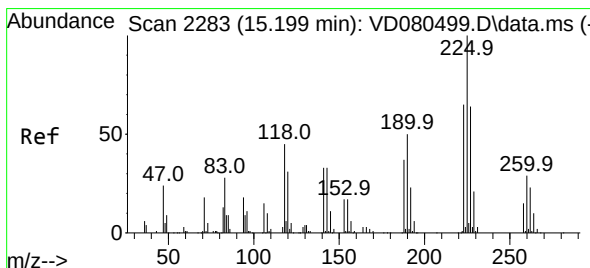
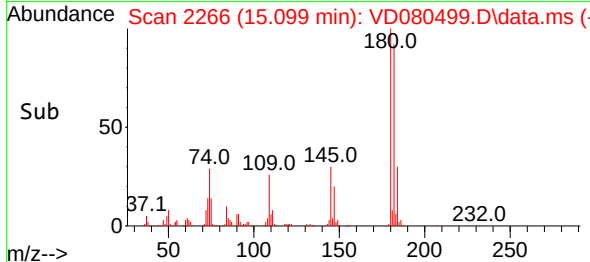
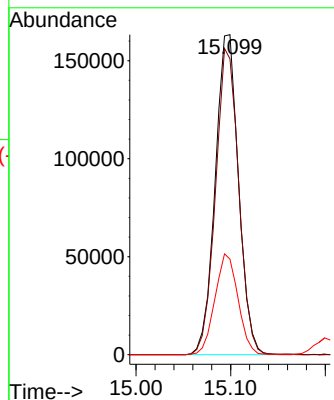
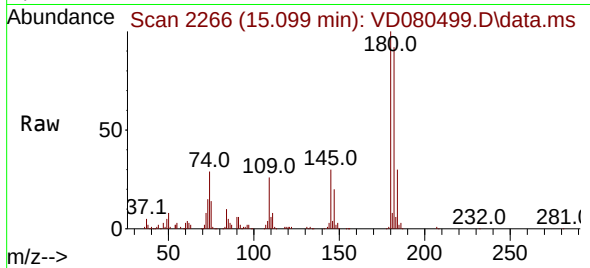




#93
1,2,4-Trichlorobenzene
Concen: 49.400 ug/l
RT: 15.099 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

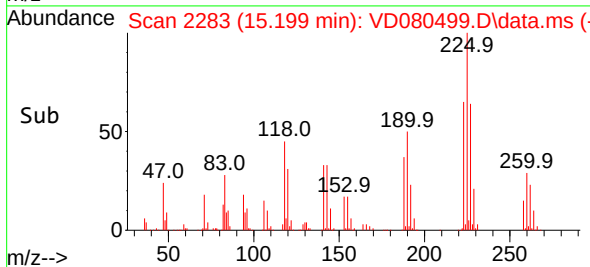
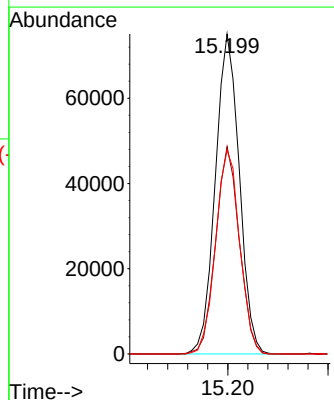
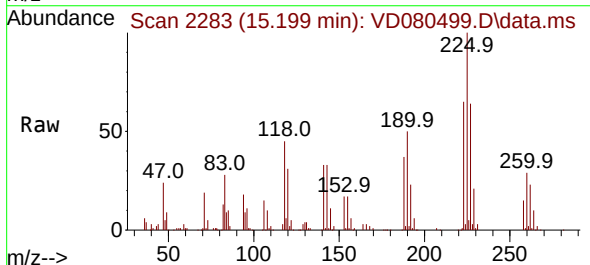
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

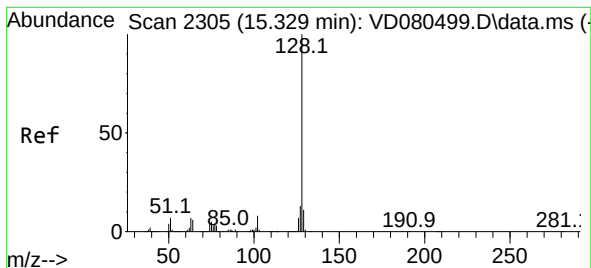
Tgt Ion:180 Resp: 279730
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 31.3 15.7 47.0



#94
Hexachlorobutadiene
Concen: 48.344 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VD080499.D
Acq: 27 Aug 2025 11:30

Tgt Ion:225 Resp: 124423
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 64.1 32.0 96.2





#95

Naphthalene

Concen: 49.212 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

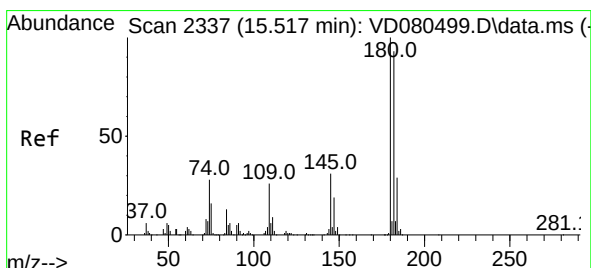
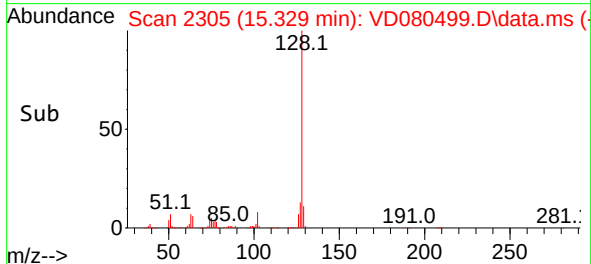
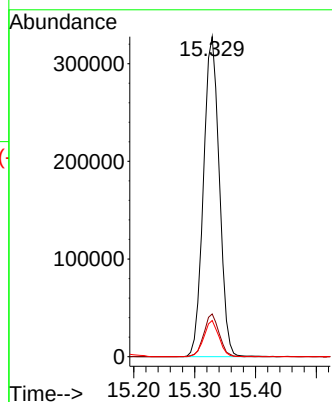
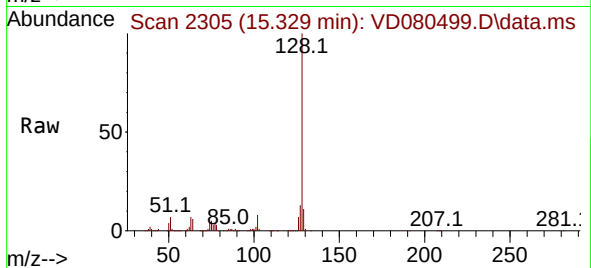
Tgt Ion:128 Resp: 592796

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.3 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 49.654 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080499.D

Acq: 27 Aug 2025 11:30

Tgt Ion:180 Resp: 240693

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 32.3 16.2 48.5

