

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
 Data File : VD080498.D
 Acq On : 27 Aug 2025 11:05
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 28 02:48:39 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	7.870	168	430071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	782075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	685130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	319967	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	90597	18.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.340%#
35) Dibromofluoromethane	7.805	113	91810	18.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.500%#
50) Toluene-d8	10.270	98	372827	18.830	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	37.660%#
62) 4-Bromofluorobenzene	12.570	95	117271	18.256	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.520%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	83389	22.774	ug/l	97
3) Chloromethane	2.147	50	125148	21.652	ug/l	99
4) Vinyl Chloride	2.288	62	127991	21.456	ug/l	99
5) Bromomethane	2.688	94	72177	21.530	ug/l	98
6) Chloroethane	2.835	64	82730	21.247	ug/l	99
7) Trichlorofluoromethane	3.176	101	148249	21.338	ug/l	99
8) Diethyl Ether	3.594	74	56743	20.610	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.970	101	92872	20.601	ug/l	98
10) Methyl Iodide	4.164	142	108702	20.887	ug/l	98
11) Tert butyl alcohol	5.041	59	34233	97.493	ug/l	99
12) 1,1-Dichloroethene	3.947	96	97861	20.837	ug/l	97
13) Acrolein	3.794	56	38885	104.197	ug/l	91
14) Allyl chloride	4.559	41	169421	20.787	ug/l	99
15) Acrylonitrile	5.258	53	125186	102.104	ug/l	99
16) Acetone	4.023	43	103837	91.411	ug/l	95
17) Carbon Disulfide	4.270	76	332827	20.957	ug/l	99
18) Methyl Acetate	4.564	43	68557	21.446	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	252433	20.482	ug/l	100
20) Methylene Chloride	4.800	84	127828	20.485	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	111599	20.757	ug/l	96
22) Diisopropyl ether	6.211	45	347220	20.699	ug/l	97
23) Vinyl Acetate	6.153	43	965933	101.190	ug/l	100
24) 1,1-Dichloroethane	6.111	63	202079	20.811	ug/l	99
25) 2-Butanone	7.076	43	155059	96.403	ug/l	93
26) 2,2-Dichloropropane	7.076	77	156699	20.381	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	132854	20.705	ug/l	98
28) Bromochloromethane	7.423	49	80485	20.339	ug/l	100
29) Tetrahydrofuran	7.441	42	103417	101.748	ug/l	97
30) Chloroform	7.594	83	189095	20.366	ug/l	99
31) Cyclohexane	7.876	56	185257	20.382	ug/l #	96
32) 1,1,1-Trichloroethane	7.788	97	158089	20.449	ug/l	100
36) 1,1-Dichloropropene	8.005	75	141838	20.696	ug/l	99
37) Ethyl Acetate	7.164	43	65467	19.865	ug/l	99
38) Carbon Tetrachloride	7.988	117	135244	20.734	ug/l	94
39) Methylcyclohexane	9.270	83	189466	20.770	ug/l	100
40) Benzene	8.252	78	450113	20.637	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	42580	21.762	ug/l	94
42) 1,2-Dichloroethane	8.323	62	109117	20.654	ug/l	98
43) Isopropyl Acetate	8.358	43	136763	20.396	ug/l	100
44) Trichloroethene	9.029	130	109341	20.663	ug/l	94
45) 1,2-Dichloropropane	9.305	63	111053	20.530	ug/l	99
46) Dibromomethane	9.394	93	58842	20.304	ug/l	97
47) Bromodichloromethane	9.582	83	148316	20.993	ug/l	97
48) Methyl methacrylate	9.382	41	67621	20.343	ug/l	98
49) 1,4-Dioxane	9.388	88	14531	405.584	ug/l	99
51) 4-Methyl-2-Pentanone	10.158	43	338167	101.125	ug/l	100
52) Toluene	10.329	92	277470	20.399	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	147450	20.479	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	176693	20.521	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	79500	20.461	ug/l	96
56) Ethyl methacrylate	10.594	69	109499	20.227	ug/l	98
57) 1,3-Dichloropropane	10.876	76	140380	20.586	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	208978	99.754	ug/l	99
59) 2-Hexanone	10.917	43	232369	97.797	ug/l	98
60) Dibromochloromethane	11.070	129	99386	20.296	ug/l	98
61) 1,2-Dibromoethane	11.176	107	75339	20.378	ug/l	100
64) Tetrachloroethene	10.805	164	88433	20.901	ug/l	93
65) Chlorobenzene	11.605	112	301522	20.652	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.676	131	95889	20.591	ug/l	97
67) Ethyl Benzene	11.682	91	522108	20.661	ug/l	98
68) m/p-Xylenes	11.793	106	403796	41.500	ug/l	99
69) o-Xylene	12.117	106	191350	20.608	ug/l	98
70) Styrene	12.135	104	327750	20.749	ug/l	100
71) Bromoform	12.299	173	55269	20.883	ug/l #	99
73) Isopropylbenzene	12.417	105	483490	20.624	ug/l	100
74) N-amyl acetate	12.229	43	123862	19.910	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	90453	20.753	ug/l	98
76) 1,2,3-Trichloropropane	12.717	75	114960	44.021	ug/l #	100
77) Bromobenzene	12.699	156	111524	20.561	ug/l	96
78) n-propylbenzene	12.758	91	582736	20.471	ug/l	100
79) 2-Chlorotoluene	12.846	91	336039	20.716	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	392937	20.627	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	33315	19.363	ug/l	95
82) 4-Chlorotoluene	12.946	91	345464	20.705	ug/l	99
83) tert-Butylbenzene	13.164	119	340099	20.577	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	391943	20.434	ug/l	99
85) sec-Butylbenzene	13.340	105	511186	20.723	ug/l	100
86) p-Isopropyltoluene	13.458	119	424990	20.596	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	215347	20.591	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	214797	20.454	ug/l	99
89) n-Butylbenzene	13.782	91	401000	20.400	ug/l	98
90) Hexachloroethane	14.052	117	81630	20.452	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	188519	20.257	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	13155	20.112	ug/l	99
93) 1,2,4-Trichlorobenzene	15.093	180	117126	20.087	ug/l	98
94) Hexachlorobutadiene	15.199	225	53387	20.144	ug/l	99
95) Naphthalene	15.329	128	248790	20.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	100464	20.127	ug/l	99

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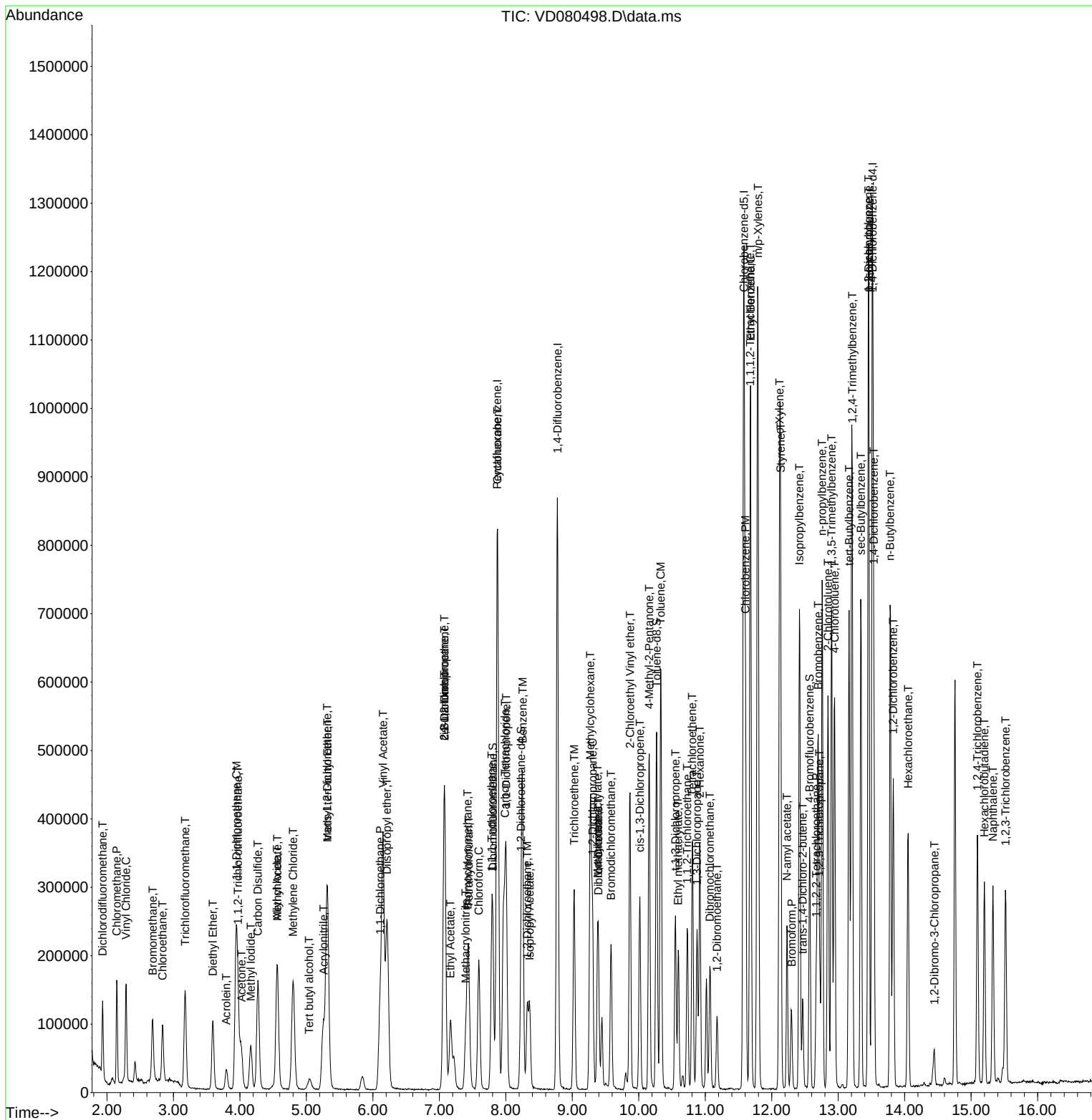
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MSVOA_D
ClientSampleId :
VSTDICC020

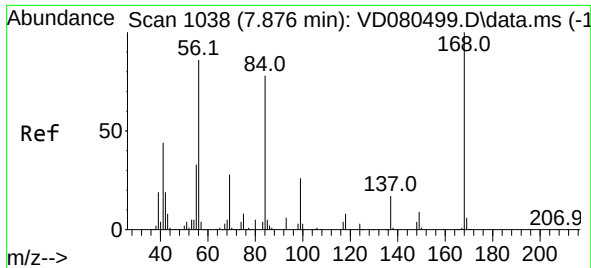
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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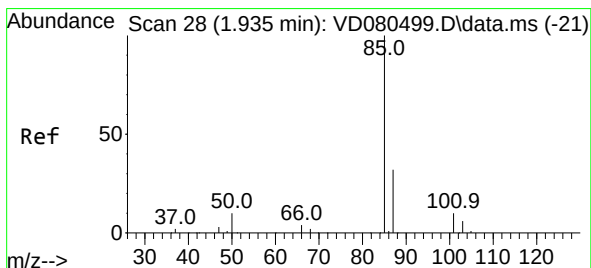
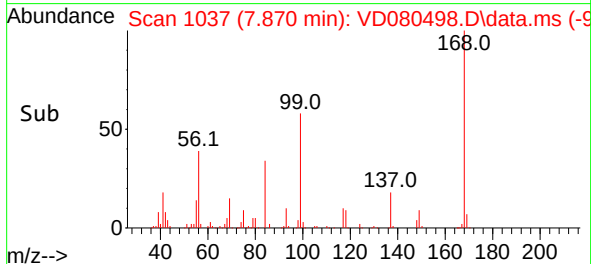
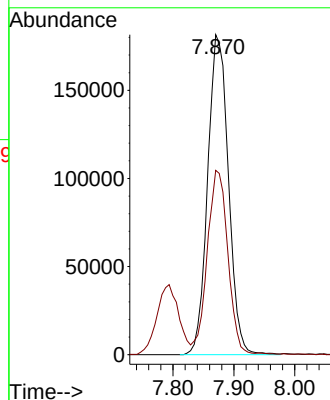
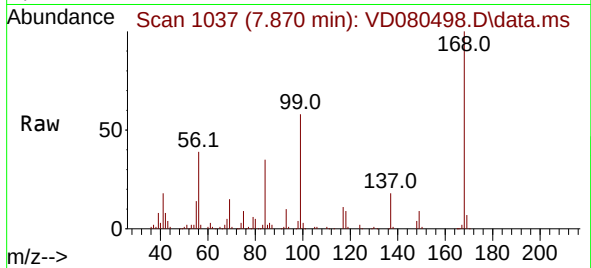




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.870 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VD080498.D
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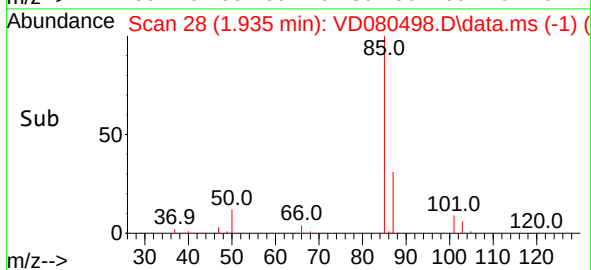
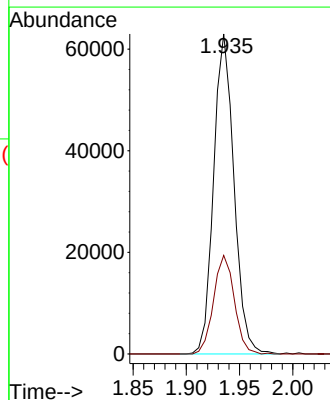
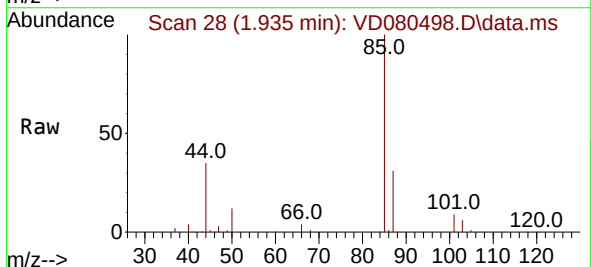
Instrument :
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VSTDIC020

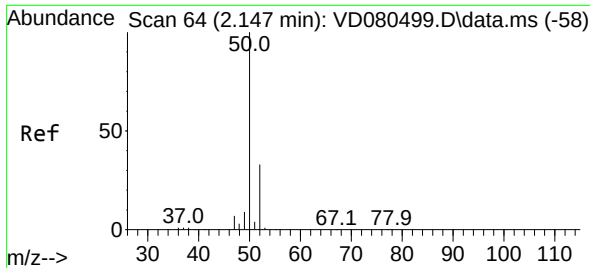
Tgt Ion:168 Resp: 430071
Ion Ratio Lower Upper
168 100
99 57.4 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 22.774 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 85 Resp: 83389
Ion Ratio Lower Upper
85 100
87 30.8 16.2 48.5

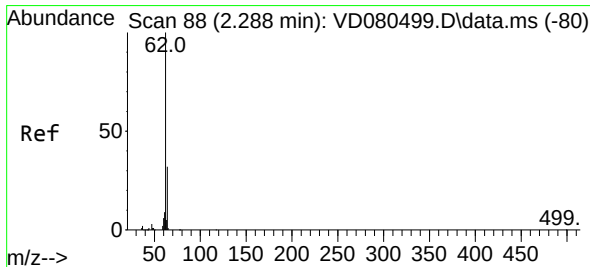
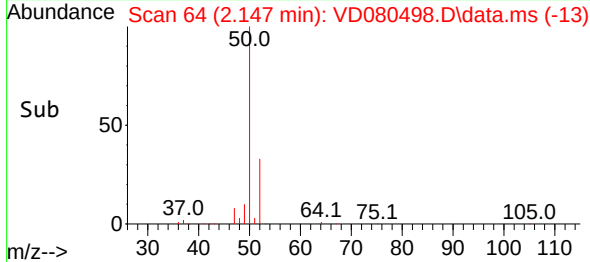
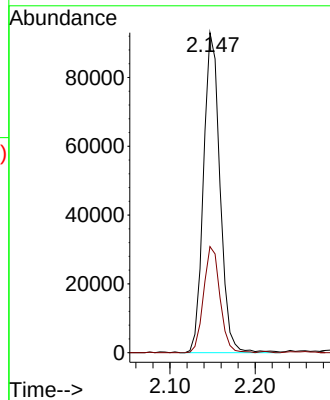
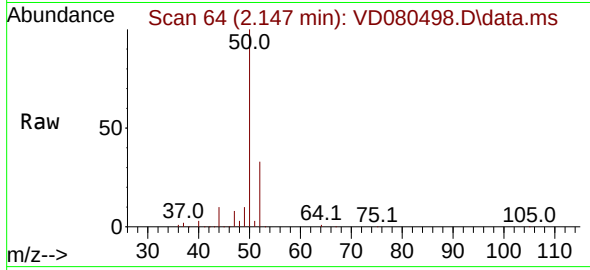




#3
Chloromethane
Concen: 21.652 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

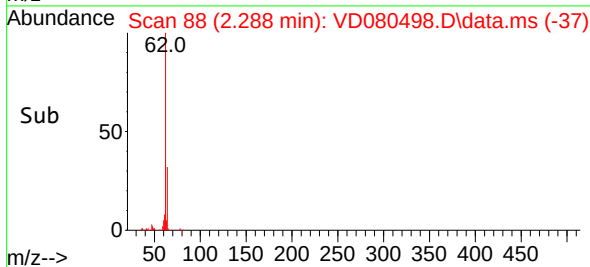
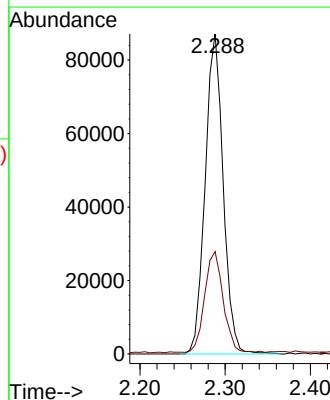
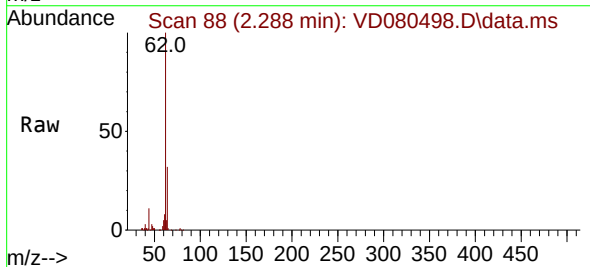
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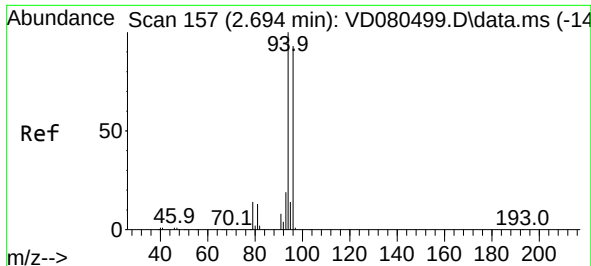
Tgt Ion: 50 Resp: 125148
Ion Ratio Lower Upper
50 100
52 33.2 26.2 39.4



#4
Vinyl Chloride
Concen: 21.456 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 62 Resp: 127991
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4

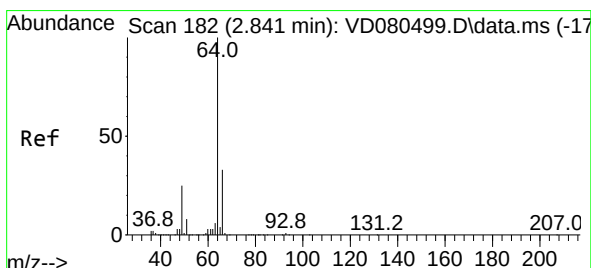
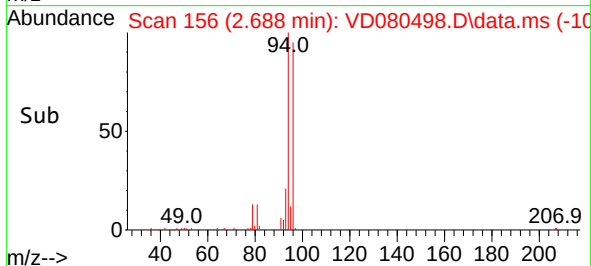
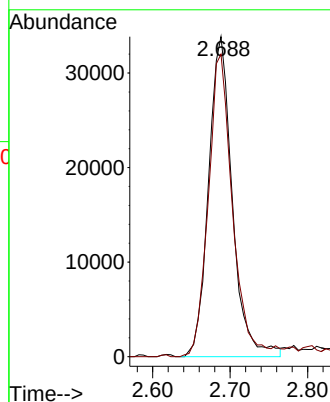
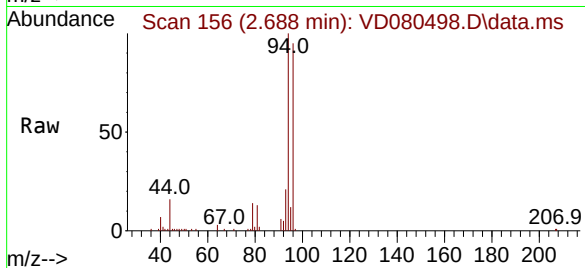




#5
Bromomethane
Concen: 21.530 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

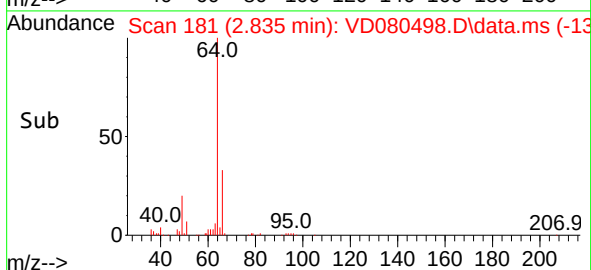
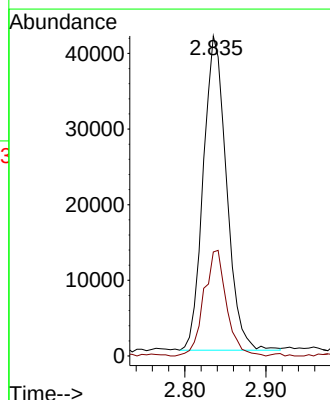
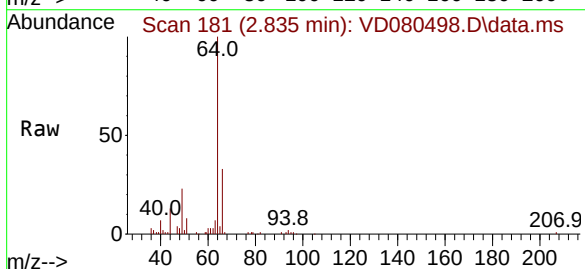
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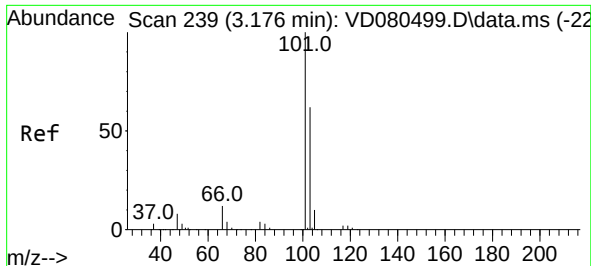
Tgt Ion: 94 Resp: 72177
Ion Ratio Lower Upper
94 100
96 95.6 74.6 111.8



#6
Chloroethane
Concen: 21.247 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 64 Resp: 82730
Ion Ratio Lower Upper
64 100
66 32.7 26.5 39.7

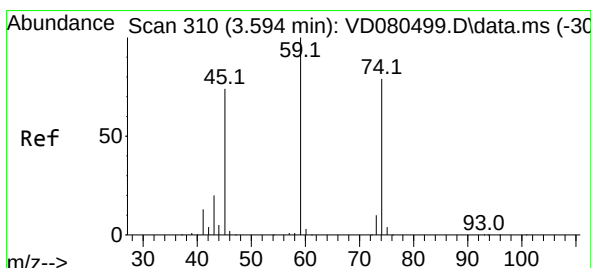
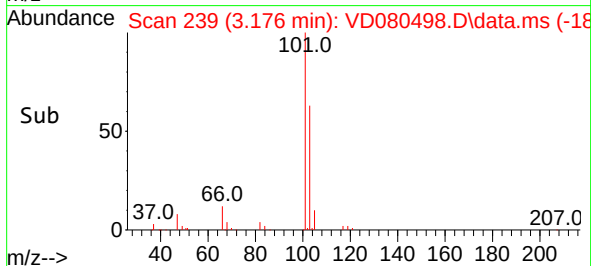
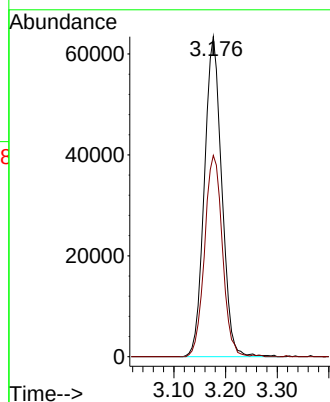
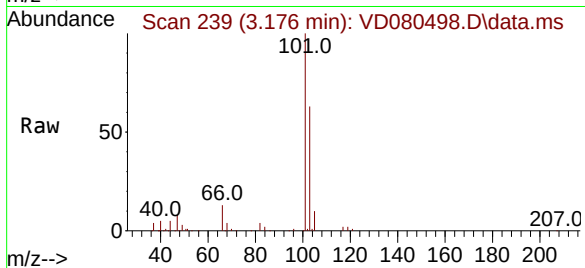




#7
 Trichlorofluoromethane
 Concen: 21.338 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

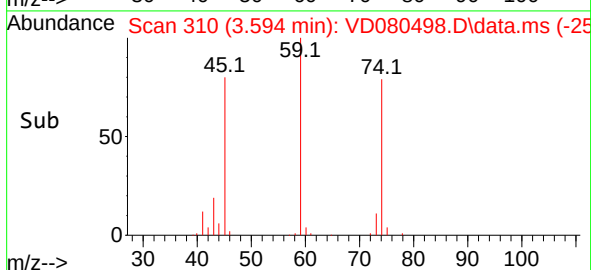
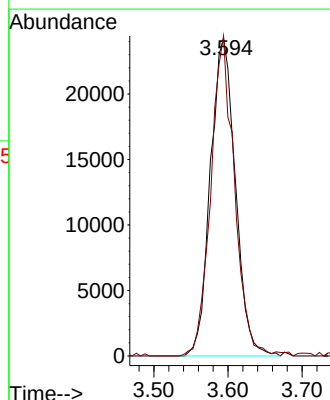
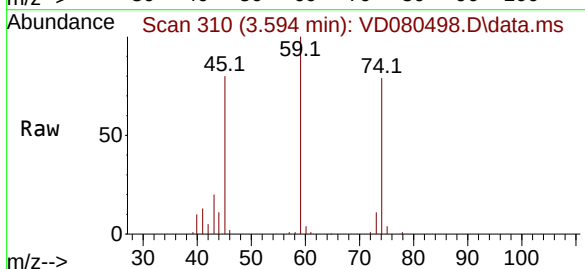
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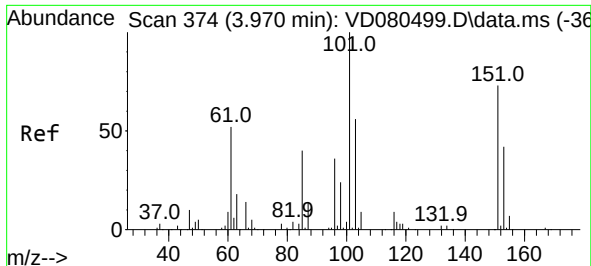
Tgt Ion:101 Resp: 148249
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.6 74.4



#8
 Diethyl Ether
 Concen: 20.610 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VD080498.D
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Tgt Ion: 74 Resp: 56743
 Ion Ratio Lower Upper
 74 100
 45 95.1 48.2 144.6

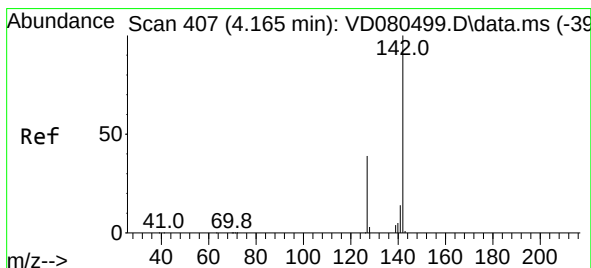
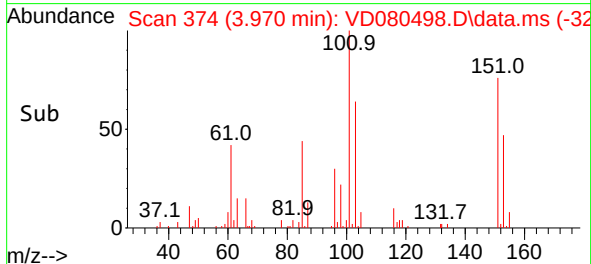
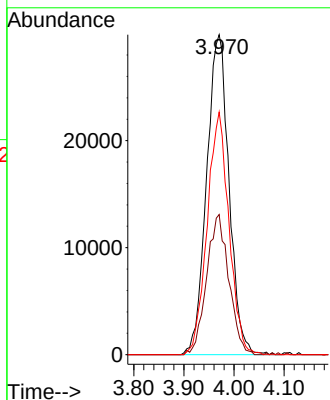
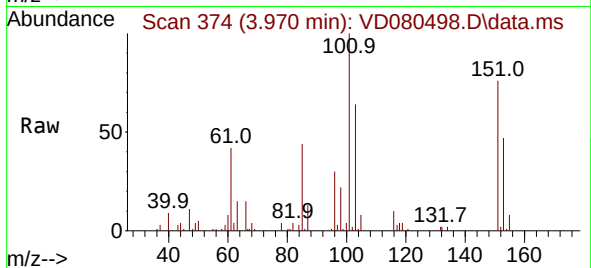




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.601 ug/l
RT: 3.970 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

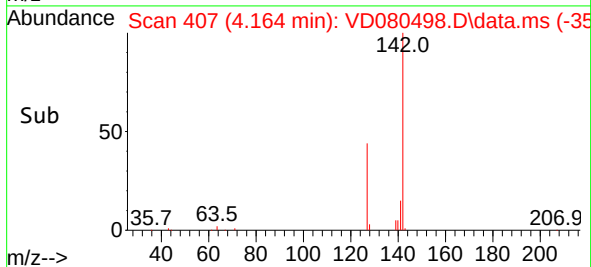
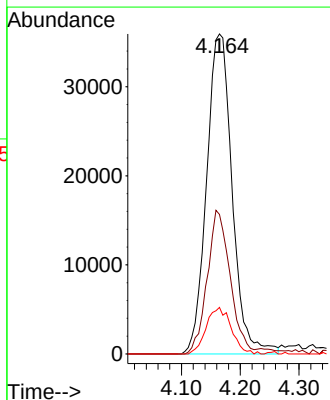
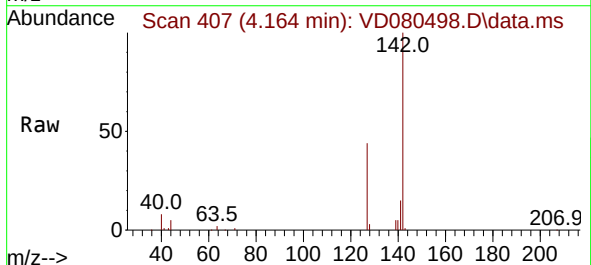
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

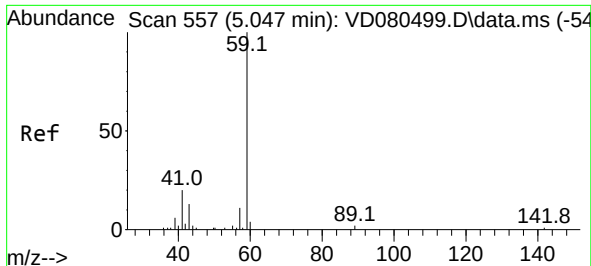
Tgt Ion:101 Resp: 92872
Ion Ratio Lower Upper
101 100
85 43.6 33.8 50.6
151 73.7 58.0 87.0



#10
Methyl Iodide
Concen: 20.887 ug/l
RT: 4.164 min Scan# 407
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion:142 Resp: 108702
Ion Ratio Lower Upper
142 100
127 40.2 33.1 49.7
141 14.2 11.7 17.5

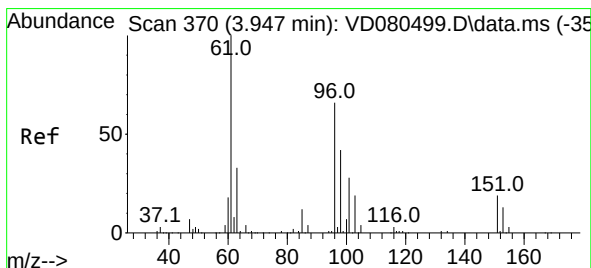
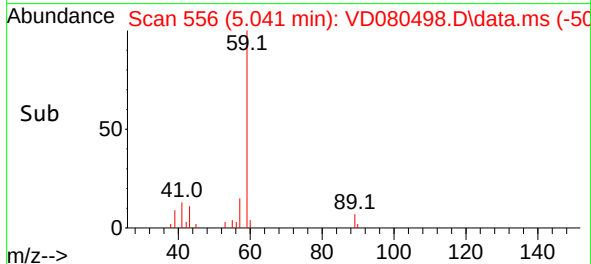
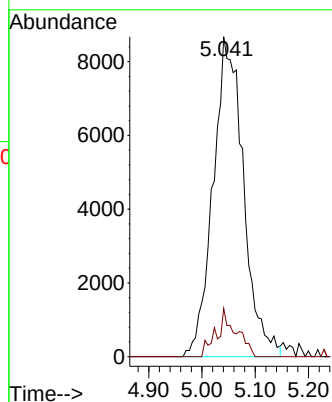
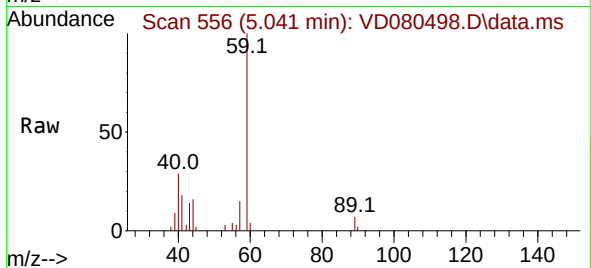




#11
Tert butyl alcohol
Concen: 97.493 ug/l
RT: 5.041 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

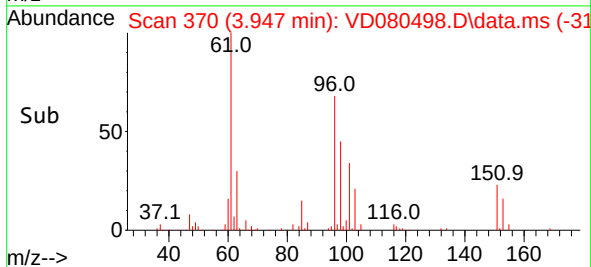
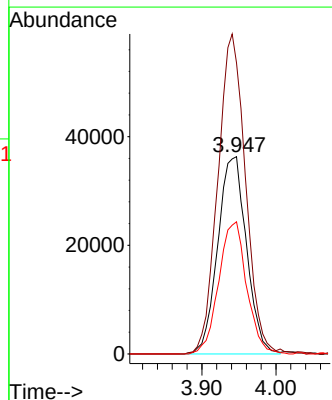
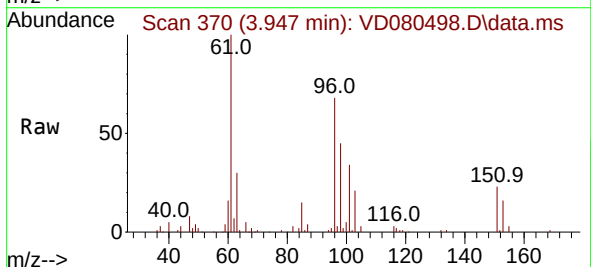
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

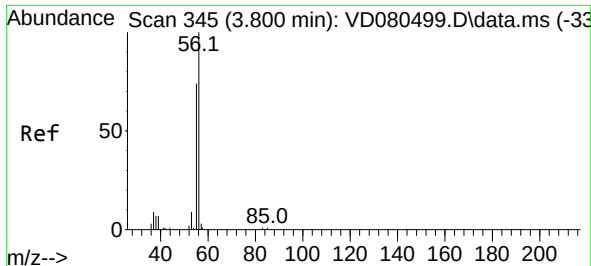
Tgt Ion: 59 Resp: 34233
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.837 ug/l
RT: 3.947 min Scan# 370
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 96 Resp: 97861
Ion Ratio Lower Upper
96 100
61 147.5 120.9 181.3
98 67.0 50.7 76.1

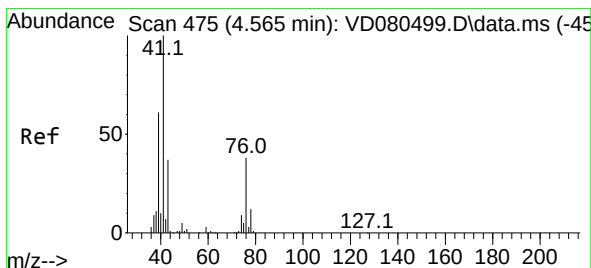
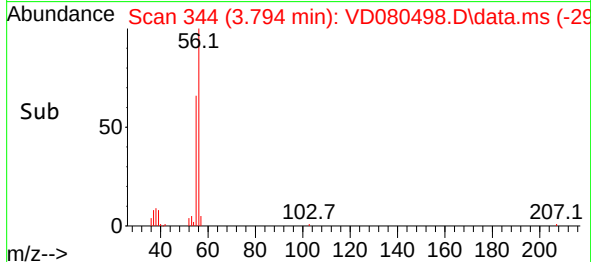
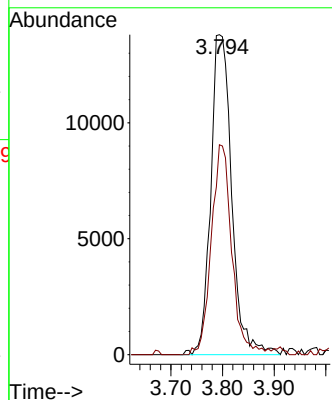
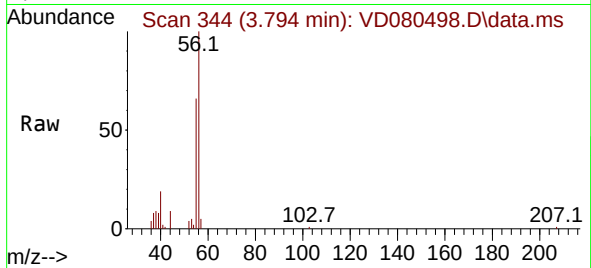




#13
Acrolein
Concen: 104.197 ug/l
RT: 3.794 min Scan# 345
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

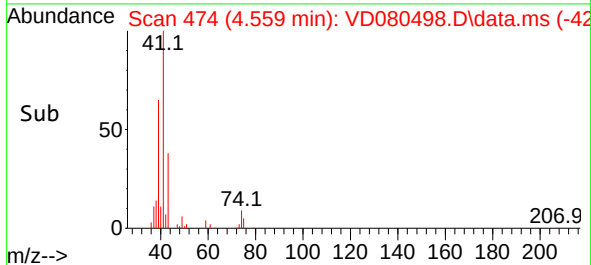
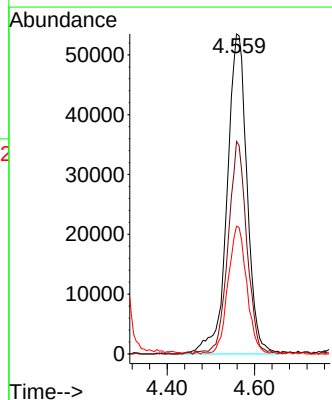
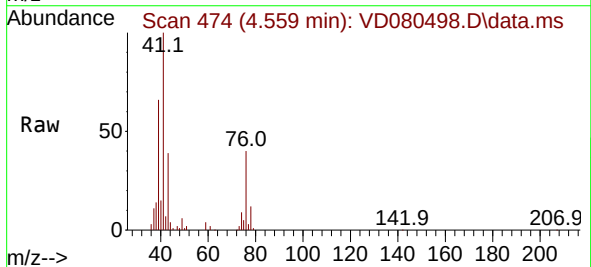
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

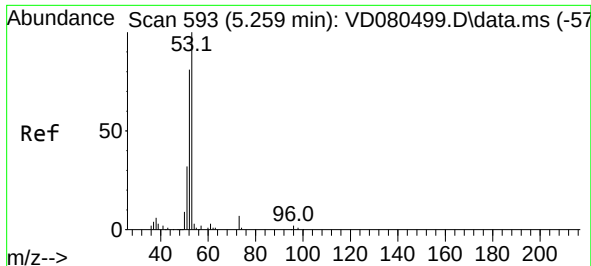
Tgt Ion: 56 Resp: 38885
Ion Ratio Lower Upper
56 100
55 63.7 56.6 85.0



#14
Allyl chloride
Concen: 20.787 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 41 Resp: 169421
Ion Ratio Lower Upper
41 100
39 62.3 50.1 75.1
76 37.6 30.7 46.1

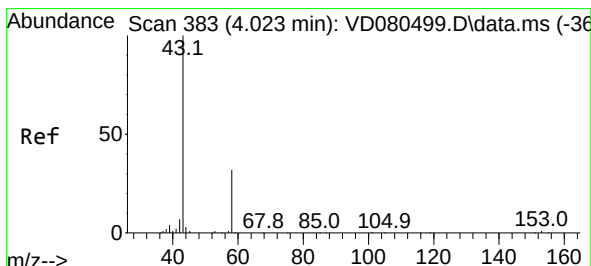
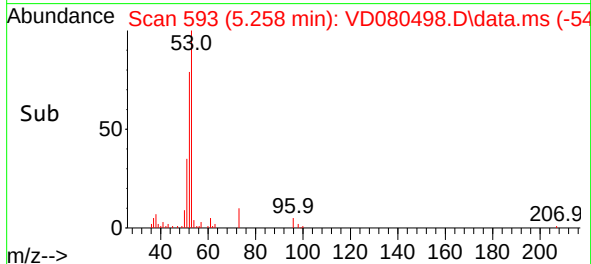
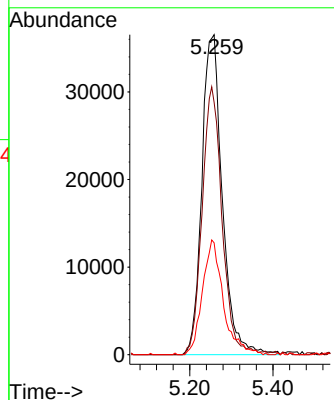
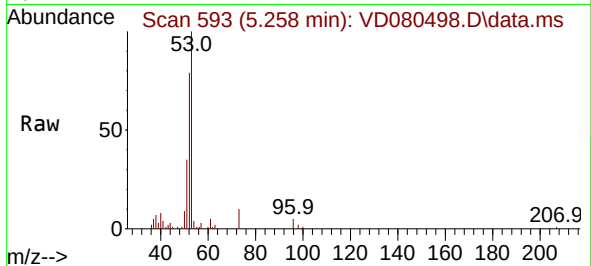




#15
Acrylonitrile
Concen: 102.104 ug/l
RT: 5.258 min Scan# 593
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

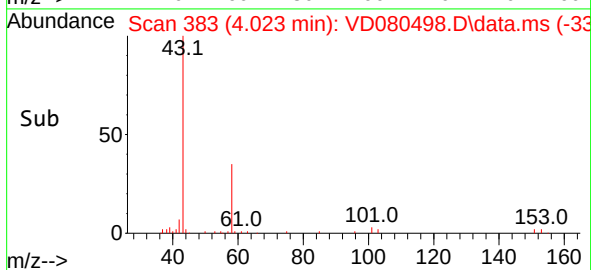
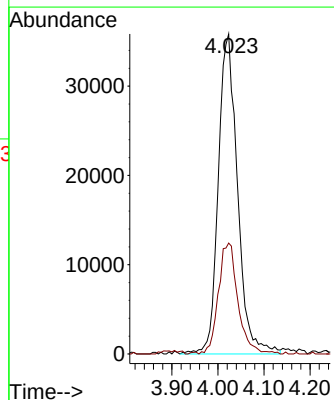
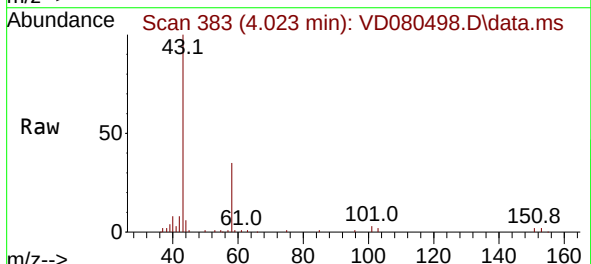
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

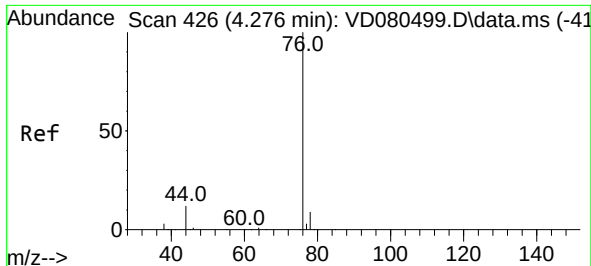
Tgt Ion: 53 Resp: 125186
Ion Ratio Lower Upper
53 100
52 81.3 64.6 97.0
51 36.5 28.0 42.0



#16
Acetone
Concen: 91.411 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 43 Resp: 103837
Ion Ratio Lower Upper
43 100
58 34.7 25.4 38.0

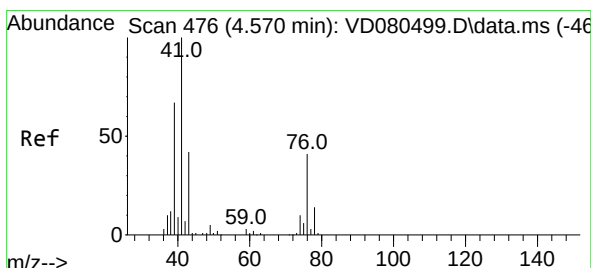
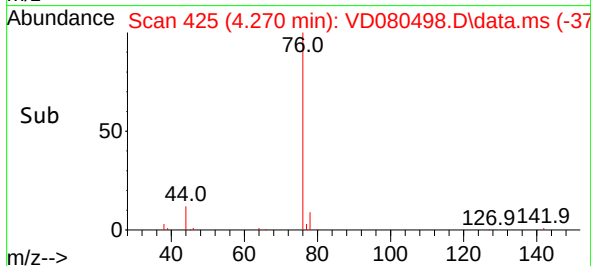
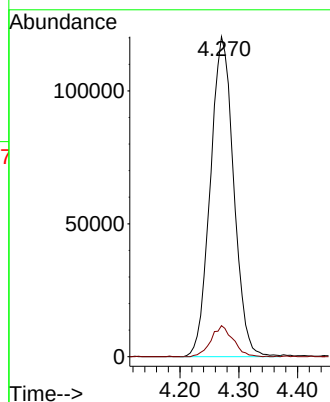
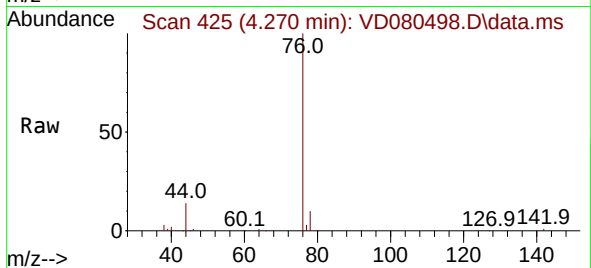




#17
Carbon Disulfide
Concen: 20.957 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

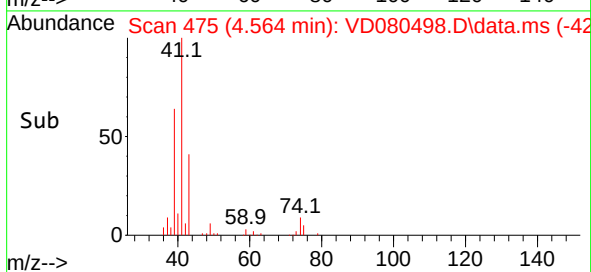
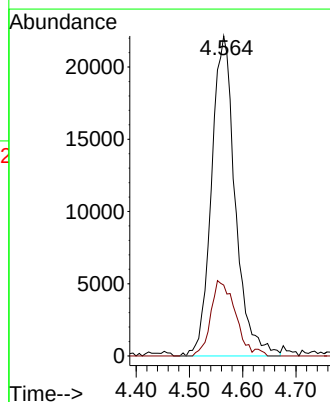
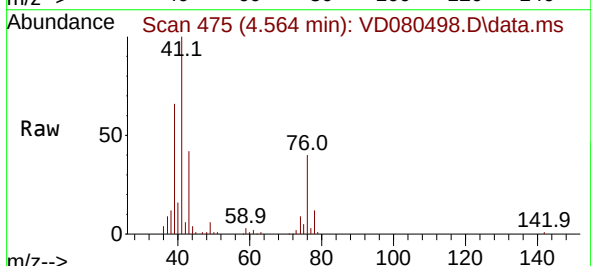
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

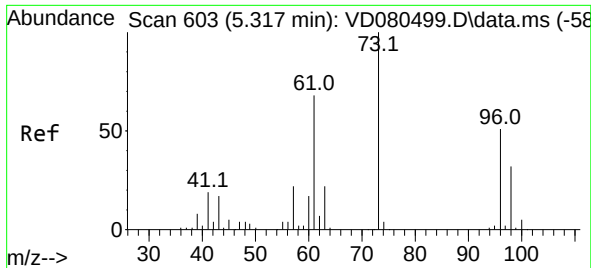
Tgt Ion: 76 Resp: 332827
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 21.446 ug/l
RT: 4.564 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 43 Resp: 68557
Ion Ratio Lower Upper
43 100
74 24.6 20.2 30.2

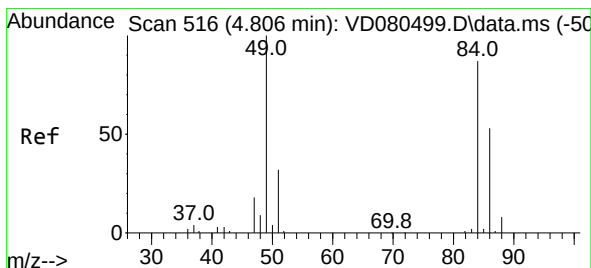
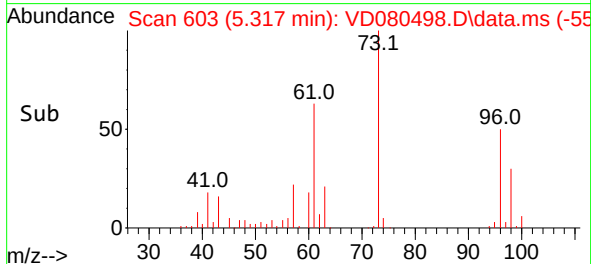
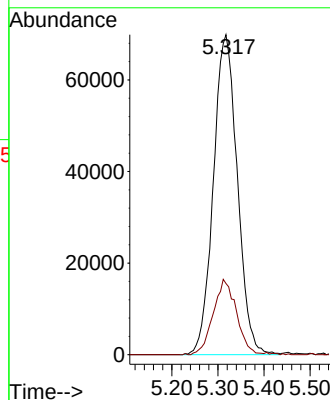
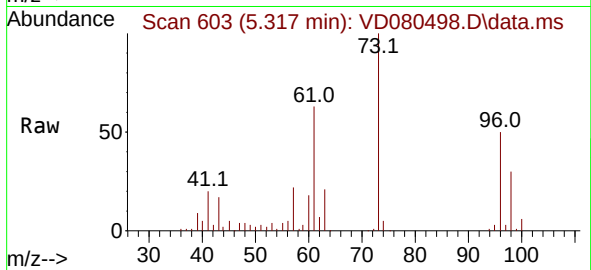




#19
Methyl tert-butyl Ether
Concen: 20.482 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

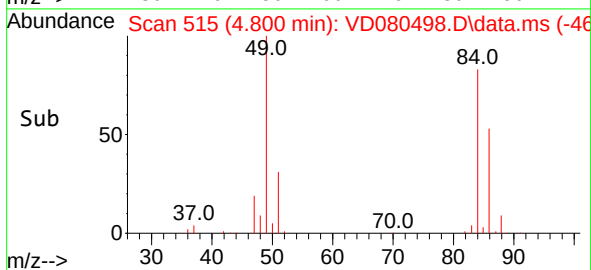
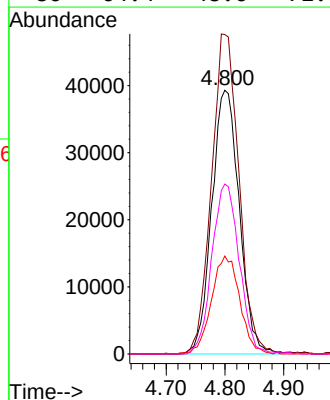
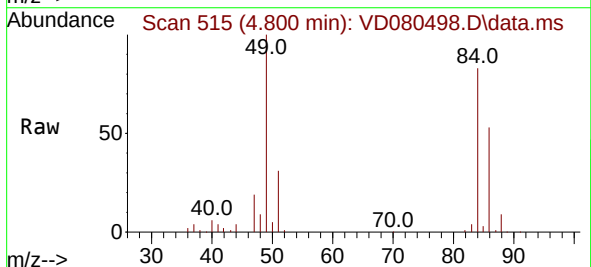
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

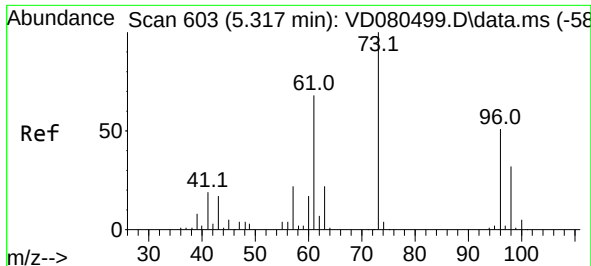
Tgt Ion: 73 Resp: 252433
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 20.485 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 84 Resp: 127828
Ion Ratio Lower Upper
84 100
49 121.1 91.8 137.6
51 37.2 29.0 43.4
86 64.4 48.6 72.8

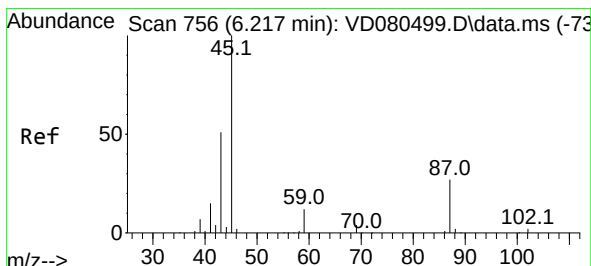
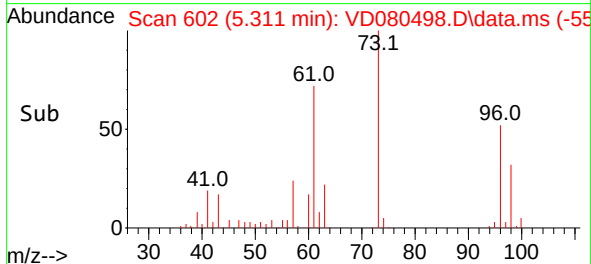
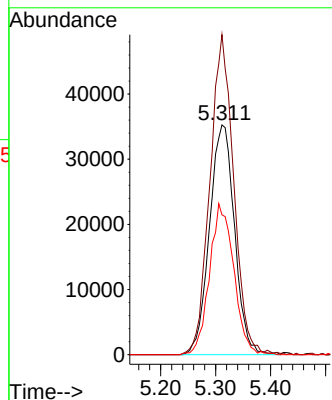
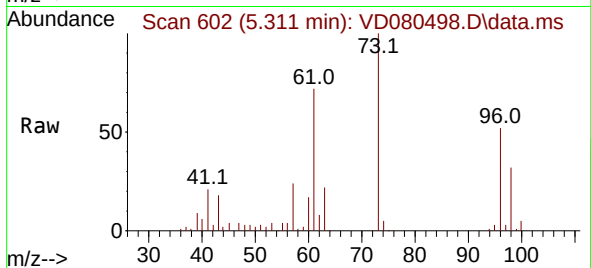




#21
trans-1,2-Dichloroethene
Concen: 20.757 ug/l
RT: 5.311 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

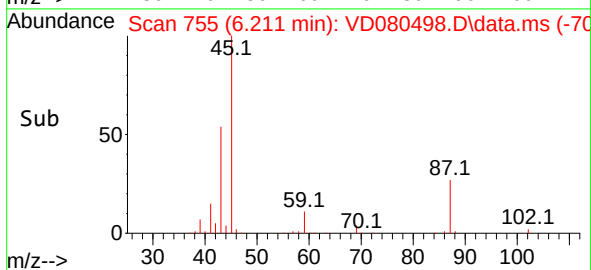
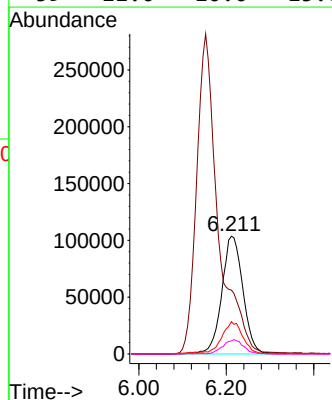
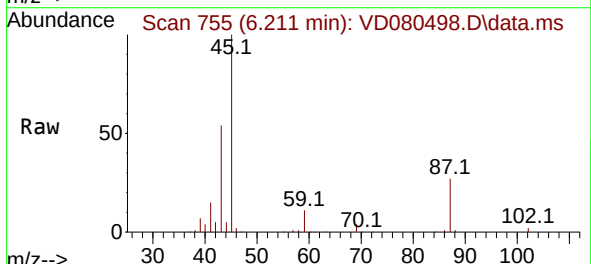
Instrument :
MSVOA_D
ClientSampleId :
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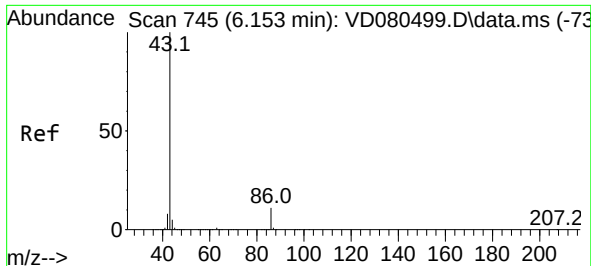
Tgt Ion: 96 Resp: 111599
Ion Ratio Lower Upper
96 100
61 139.2 107.4 161.0
98 60.9 49.9 74.9



#22
Diisopropyl ether
Concen: 20.699 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 45 Resp: 347220
Ion Ratio Lower Upper
45 100
43 53.2 40.6 60.8
87 27.4 21.6 32.4
59 11.0 10.0 15.0

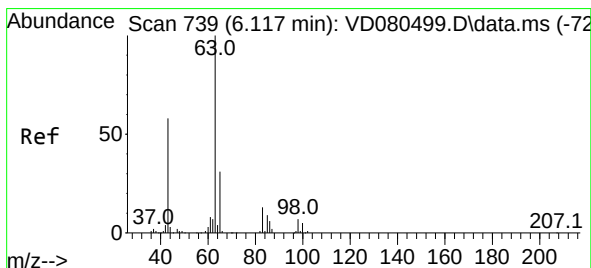
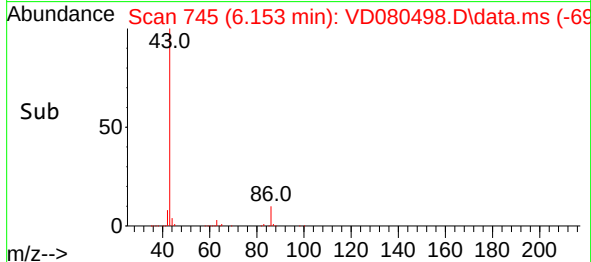
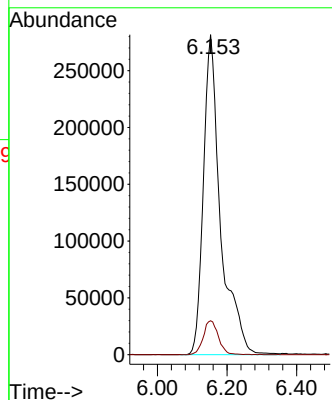
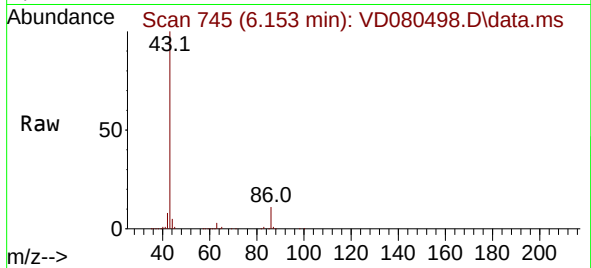




#23
 Vinyl Acetate
 Concen: 101.190 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

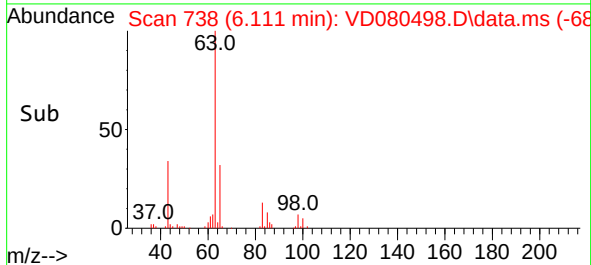
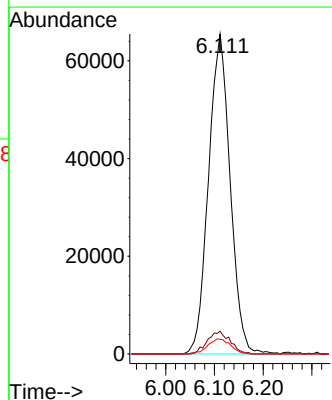
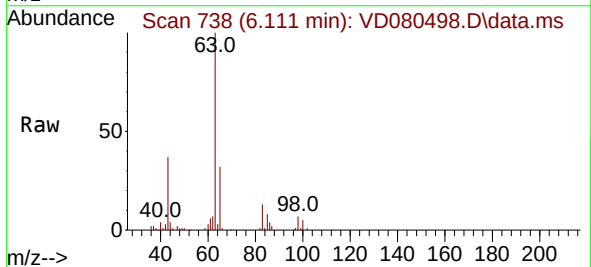
Instrument :
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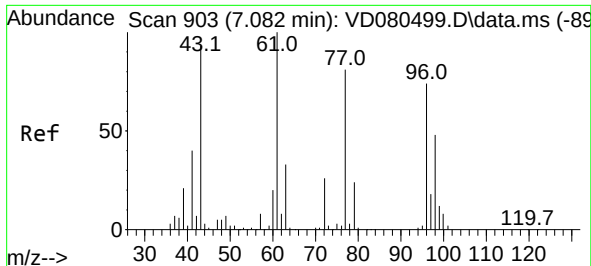
Tgt Ion: 43 Resp: 965933
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 20.811 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

Tgt Ion: 63 Resp: 202079
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.6 2.4 7.1

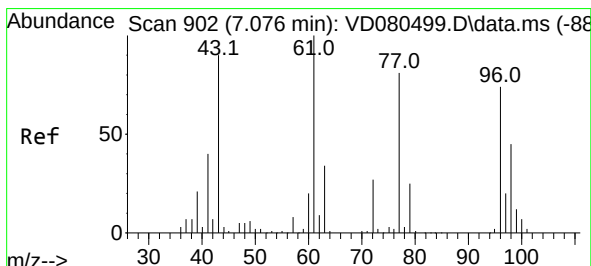
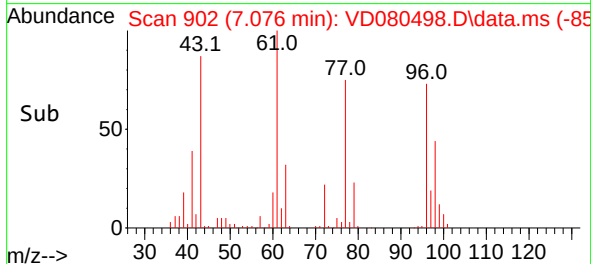
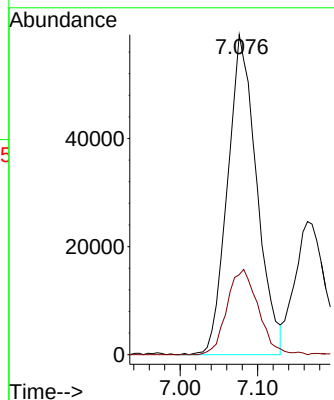
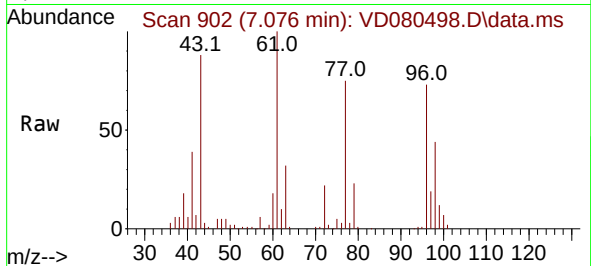




#25
2-Butanone
Concen: 96.403 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

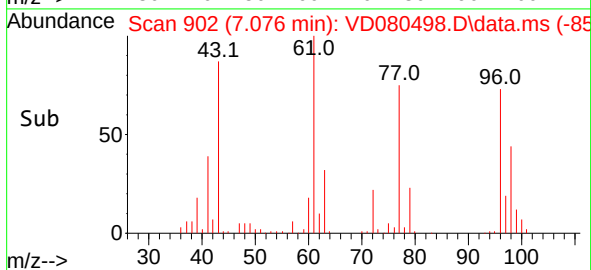
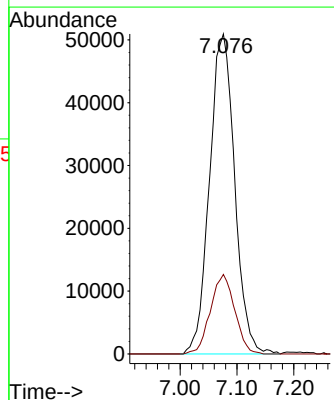
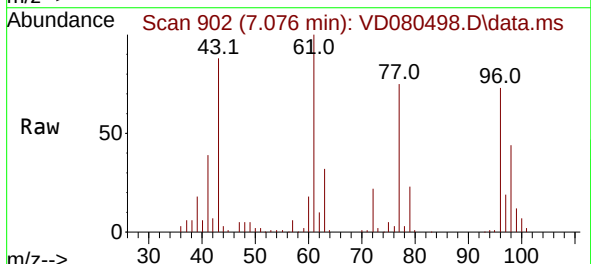
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

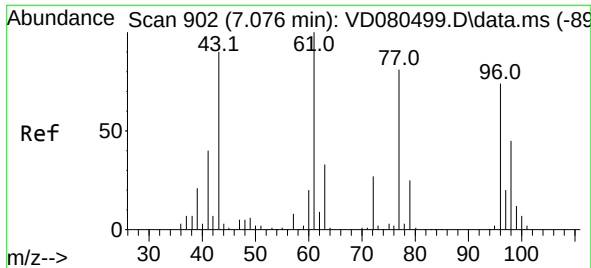
Tgt Ion: 43 Resp: 155059
Ion Ratio Lower Upper
43 100
72 25.0 22.8 34.2



#26
2,2-Dichloropropane
Concen: 20.381 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 77 Resp: 156699
Ion Ratio Lower Upper
77 100
97 24.0 12.4 37.0

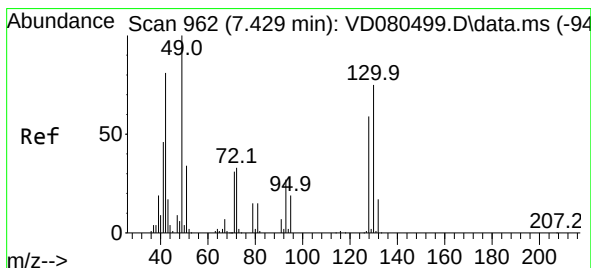
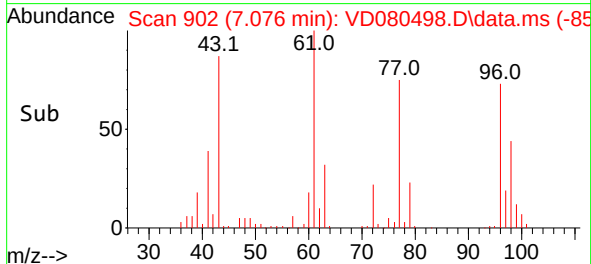
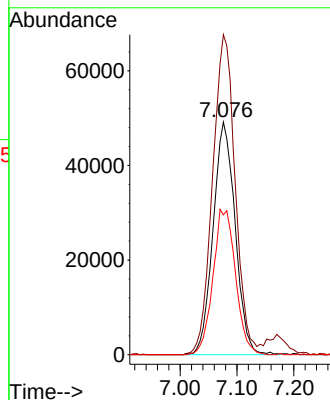
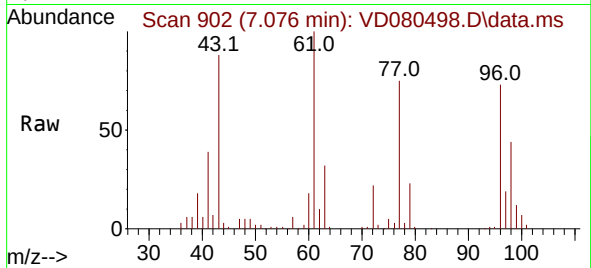




#27
 cis-1,2-Dichloroethene
 Concen: 20.705 ug/l
 RT: 7.076 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

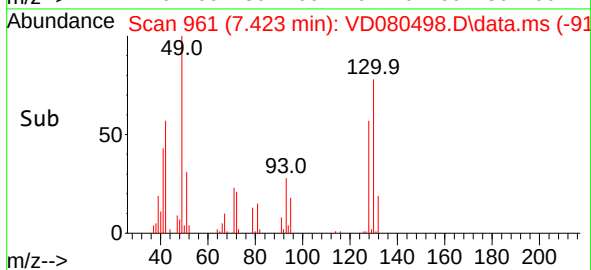
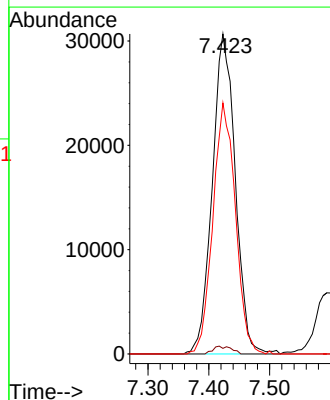
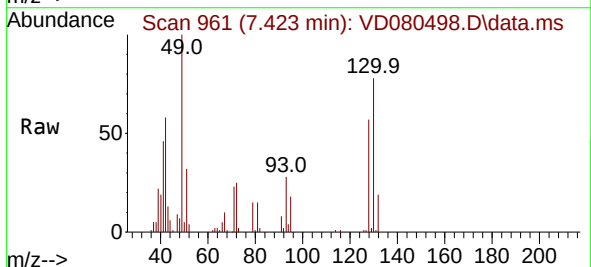
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

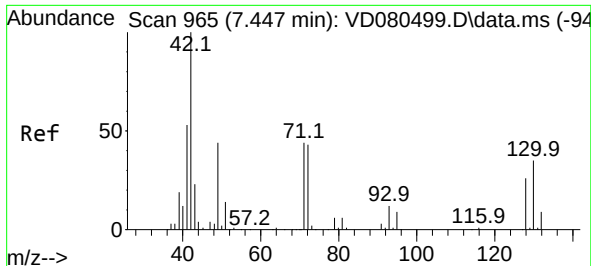
Tgt Ion: 96 Resp: 132854
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 275.2
 98 63.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.339 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.006 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

Tgt Ion: 49 Resp: 80485
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 76.7 61.1 91.7





#29

Tetrahydrofuran

Concen: 101.748 ug/l

RT: 7.441 min Scan# 964

Delta R.T. -0.006 min

Lab File: VD080498.D

Acq: 27 Aug 2025 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

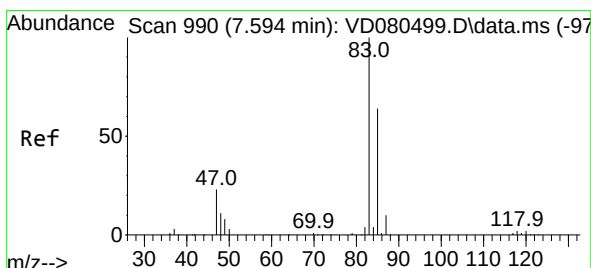
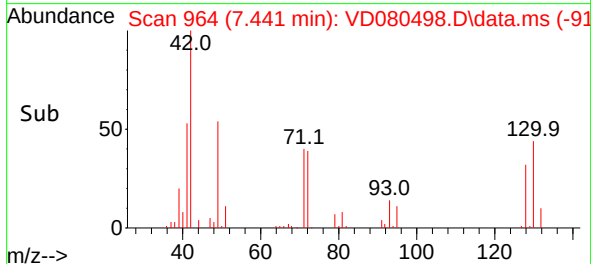
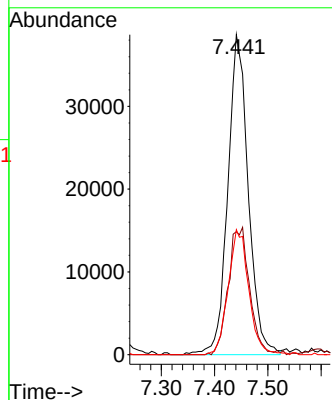
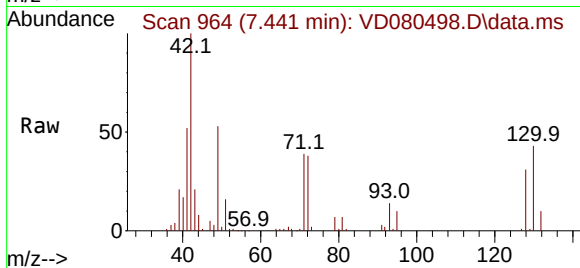
Tgt Ion: 42 Resp: 103417

Ion Ratio Lower Upper

42 100

72 41.2 34.7 52.1

71 39.3 32.9 49.3



#30

Chloroform

Concen: 20.366 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.000 min

Lab File: VD080498.D

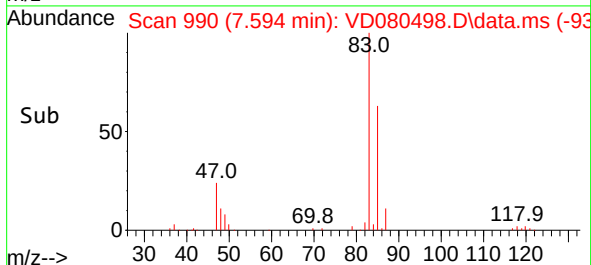
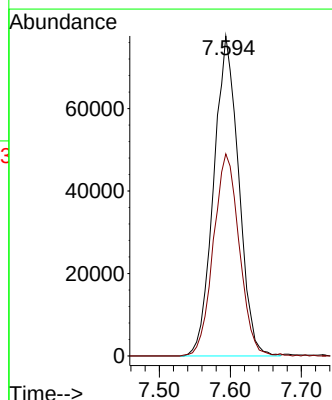
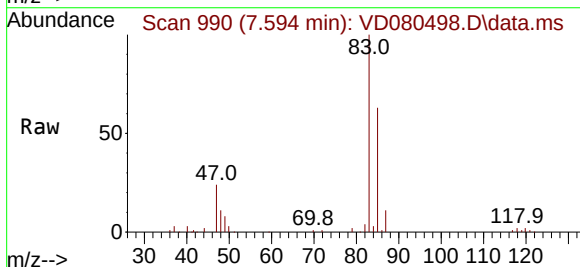
Acq: 27 Aug 2025 11:05

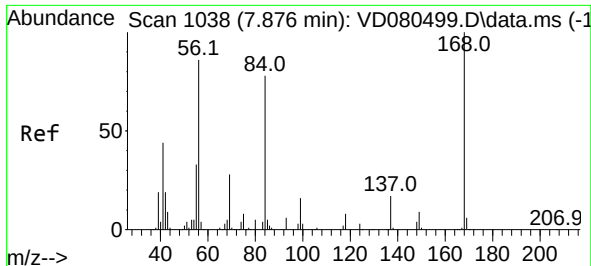
Tgt Ion: 83 Resp: 189095

Ion Ratio Lower Upper

83 100

85 63.2 51.2 76.8

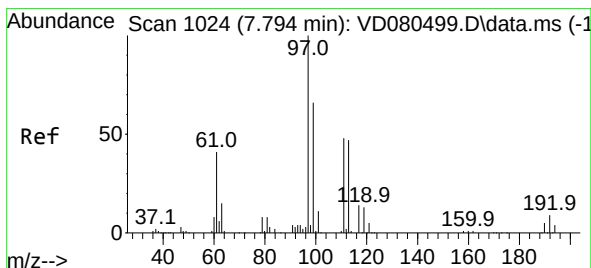
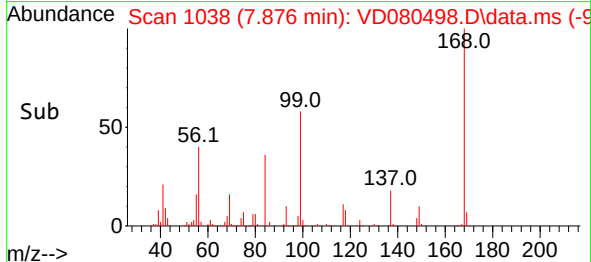
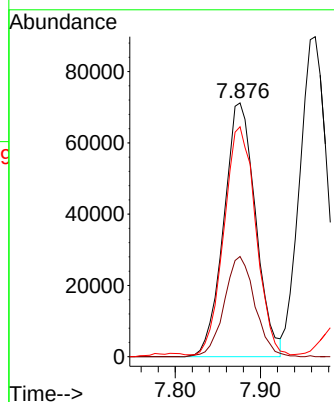
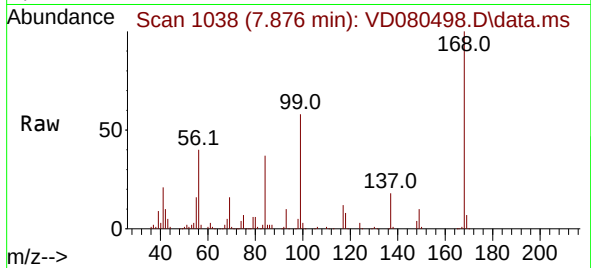




#31
Cyclohexane
Concen: 20.382 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

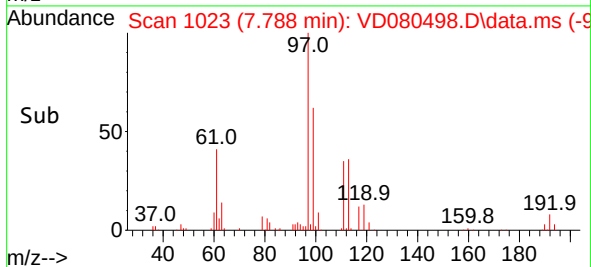
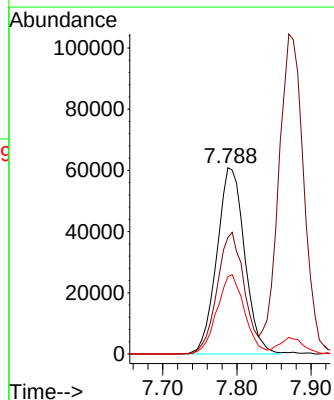
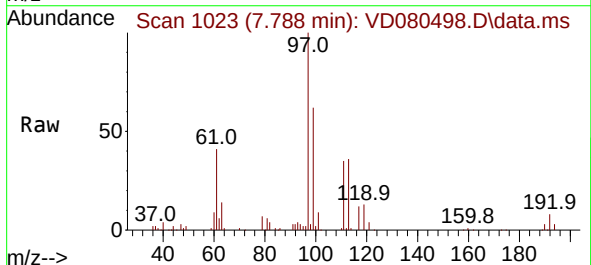
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

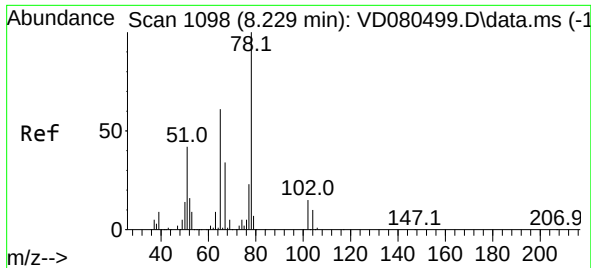
Tgt Ion: 56 Resp: 185257
Ion Ratio Lower Upper
56 100
69 39.5 26.0 39.0#
84 89.4 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 20.449 ug/l
RT: 7.788 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 97 Resp: 158089
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 42.4 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 18.672 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD080498.D

Acq: 27 Aug 2025 11:05

Instrument :

MSVOA_D

ClientSampleId :

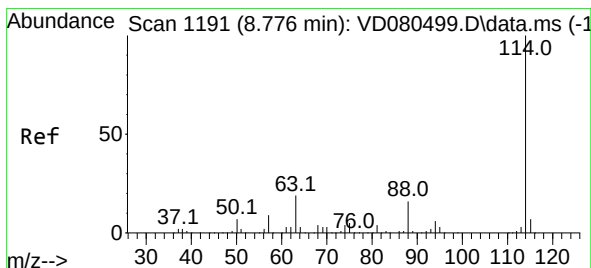
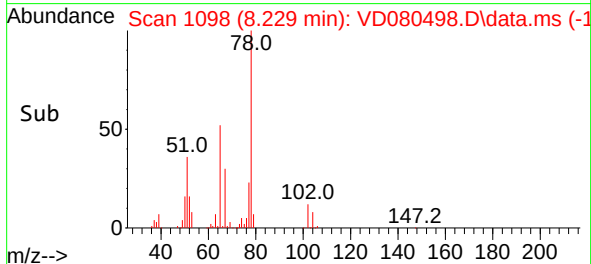
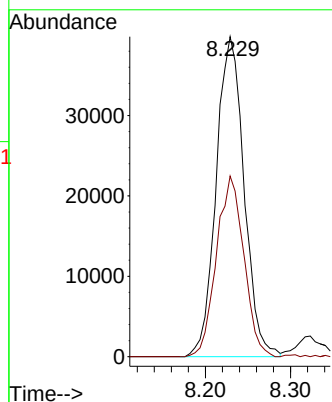
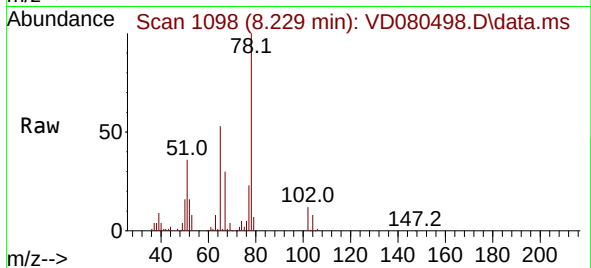
VSTDIC020

Tgt Ion: 65 Resp: 90597

Ion Ratio Lower Upper

65 100

67 55.4 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: VD080498.D

Acq: 27 Aug 2025 11:05

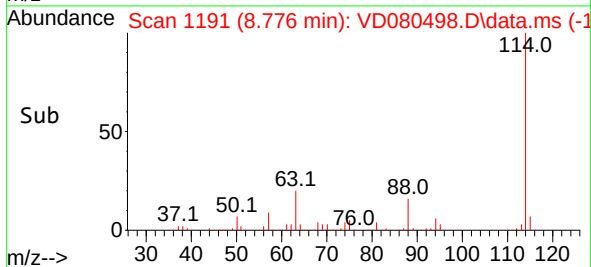
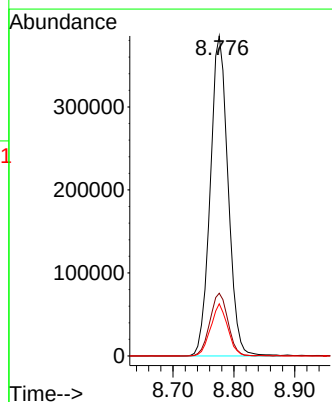
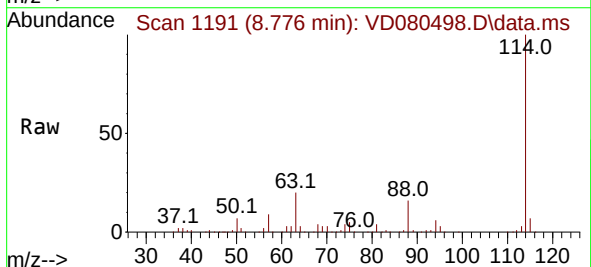
Tgt Ion: 114 Resp: 782075

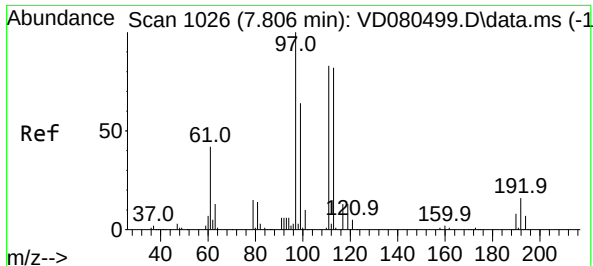
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 18.245 ug/l

RT: 7.805 min Scan# 1060

Delta R.T. -0.001 min

Lab File: VD080498.D

Acq: 27 Aug 2025 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

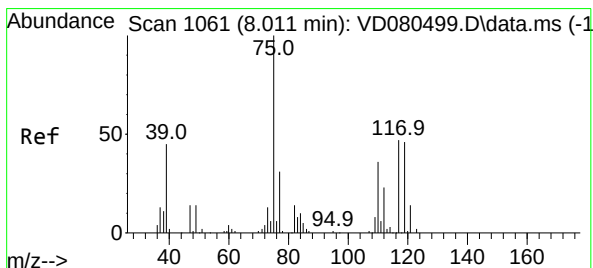
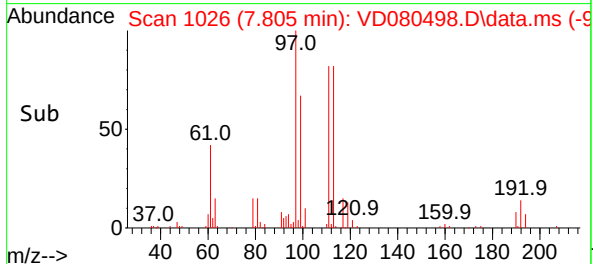
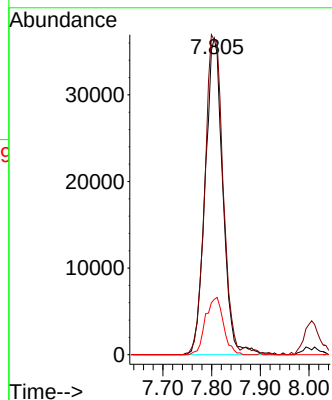
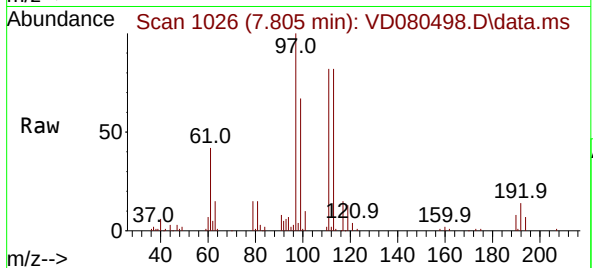
Tgt Ion:113 Resp: 91810

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 18.4 14.9 22.3



#36

1,1-Dichloropropene

Concen: 20.696 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VD080498.D

Acq: 27 Aug 2025 11:05

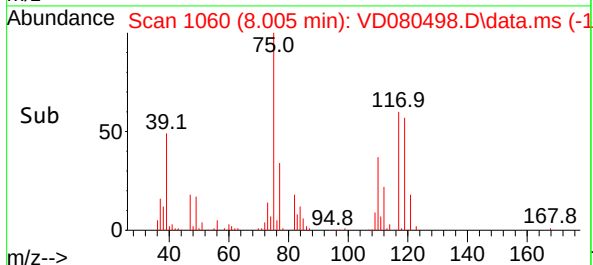
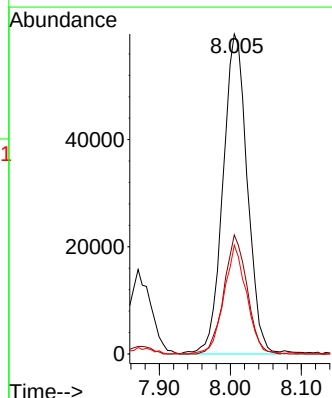
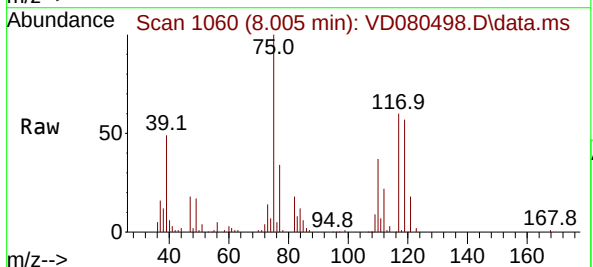
Tgt Ion: 75 Resp: 141838

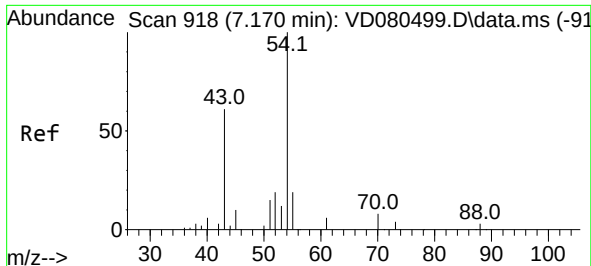
Ion Ratio Lower Upper

75 100

110 35.4 18.1 54.1

77 31.8 25.7 38.5





#37

Ethyl Acetate

Concen: 19.865 ug/l

RT: 7.164 min Scan# 917

Delta R.T. -0.006 min

Lab File: VD080498.D

Acq: 27 Aug 2025 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

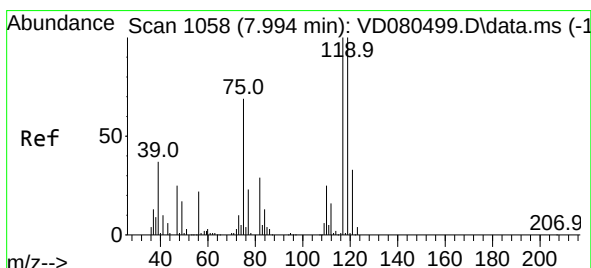
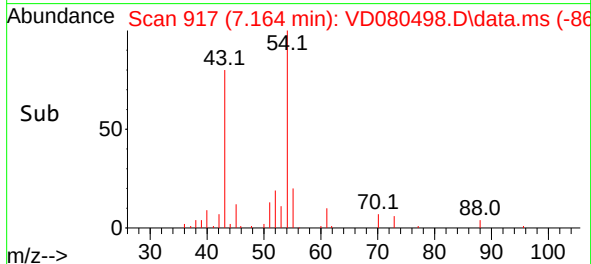
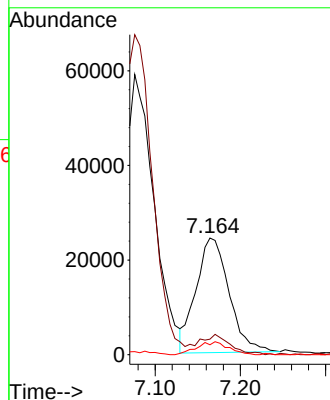
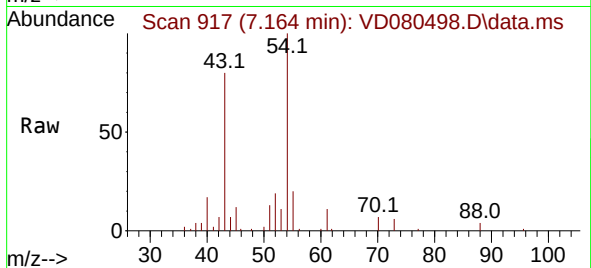
Tgt Ion: 43 Resp: 65467

Ion Ratio Lower Upper

43 100

61 14.7 11.8 17.8

70 10.7 9.0 13.4



#38

Carbon Tetrachloride

Concen: 20.734 ug/l

RT: 7.988 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD080498.D

Acq: 27 Aug 2025 11:05

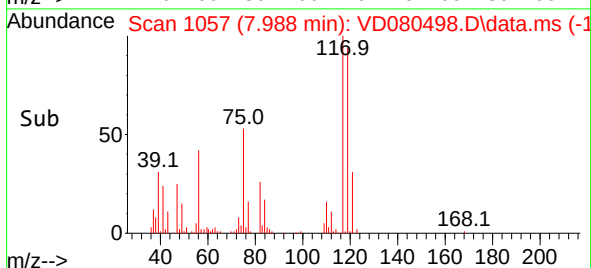
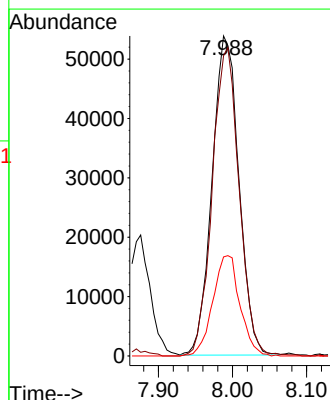
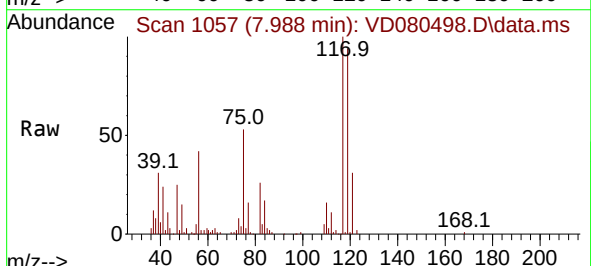
Tgt Ion: 117 Resp: 135244

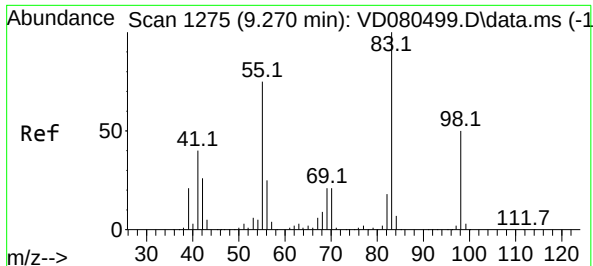
Ion Ratio Lower Upper

117 100

119 94.1 80.2 120.2

121 31.0 26.8 40.2





#39

Methylcyclohexane

Concen: 20.770 ug/l

RT: 9.270 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080498.D

Acq: 27 Aug 2025 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

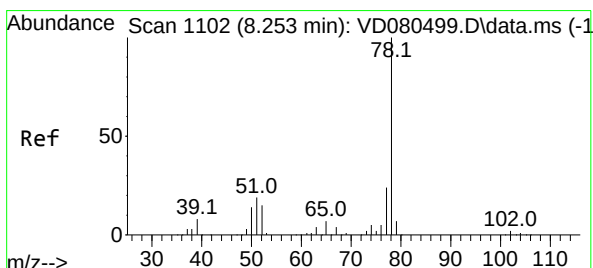
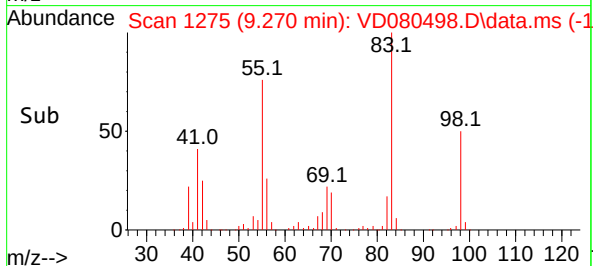
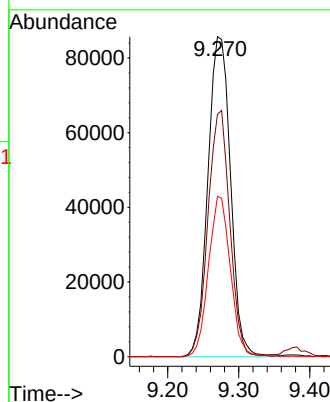
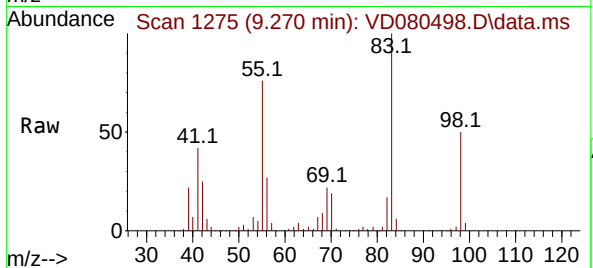
Tgt Ion: 83 Resp: 189466

Ion Ratio Lower Upper

83 100

55 75.8 60.4 90.6

98 50.1 39.8 59.6



#40

Benzene

Concen: 20.637 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080498.D

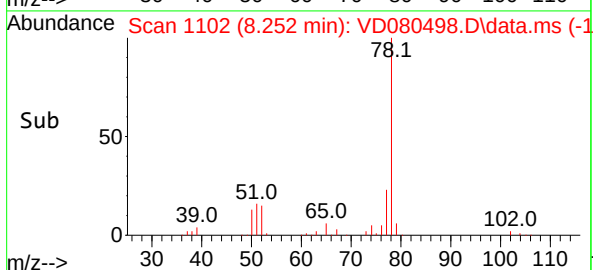
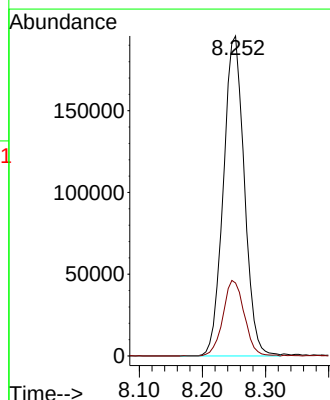
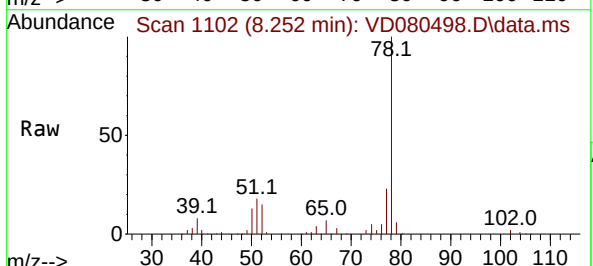
Acq: 27 Aug 2025 11:05

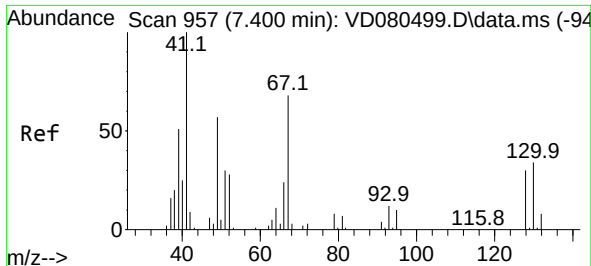
Tgt Ion: 78 Resp: 450113

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6

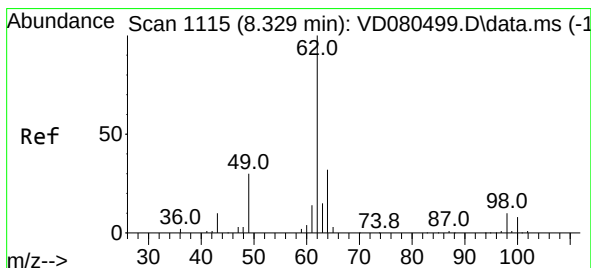
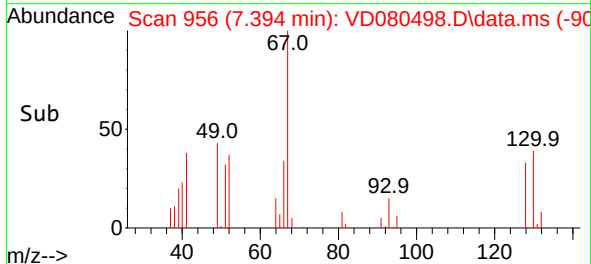
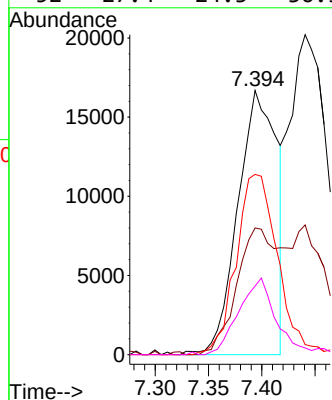
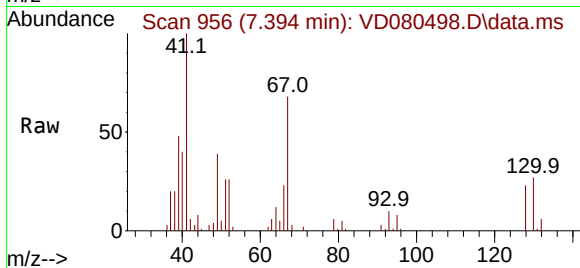




#41
Methacrylonitrile
Concen: 21.762 ug/l
RT: 7.394 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

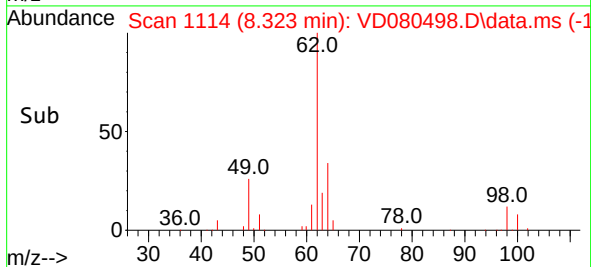
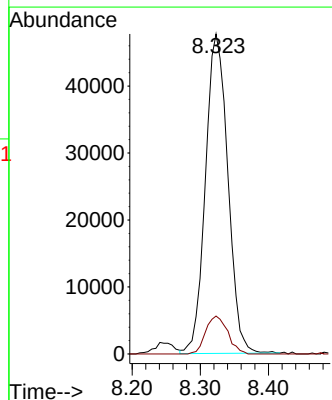
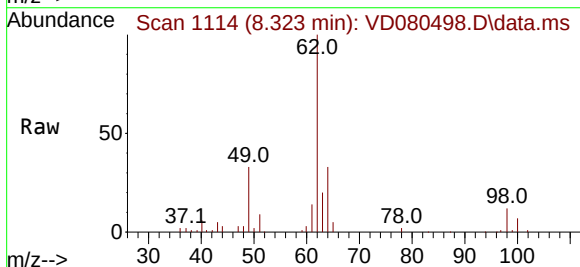
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

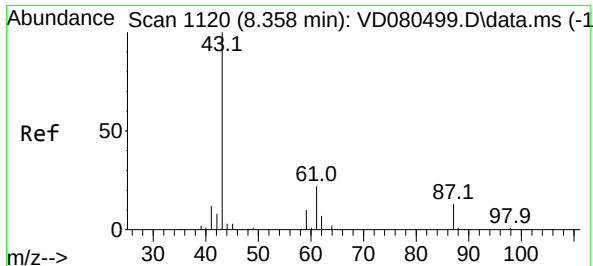
Tgt Ion:	41	Resp:	42580
Ion	Ratio	Lower	Upper
41	100		
39	55.3	50.1	75.1
67	72.5	60.8	91.2
52	27.4	24.3	36.5



#42
1,2-Dichloroethane
Concen: 20.654 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion:	62	Resp:	109117
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	22.0

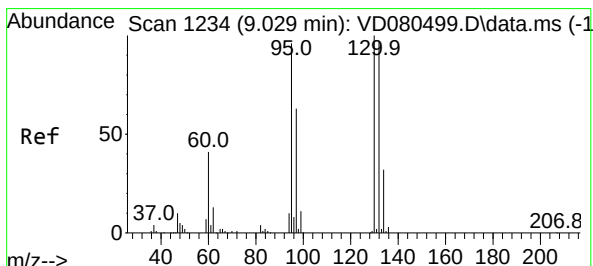
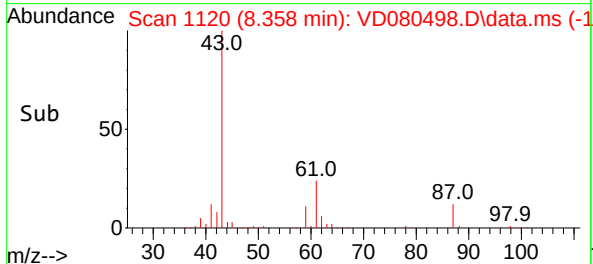
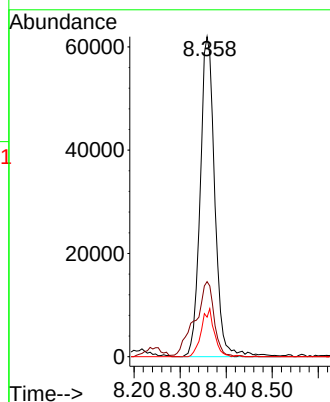
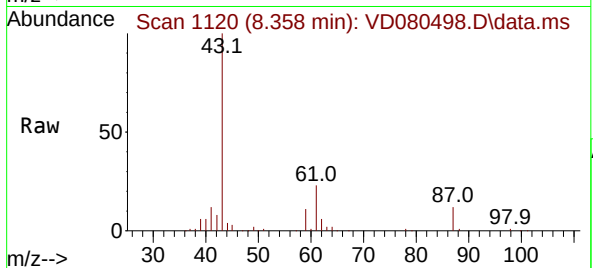




#43
Isopropyl Acetate
Concen: 20.396 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

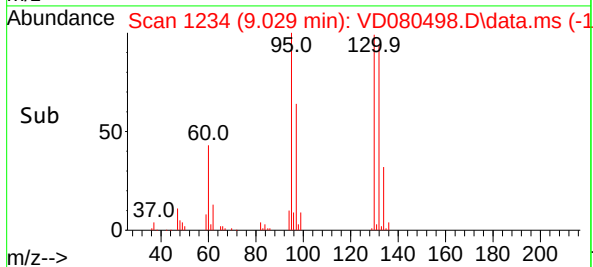
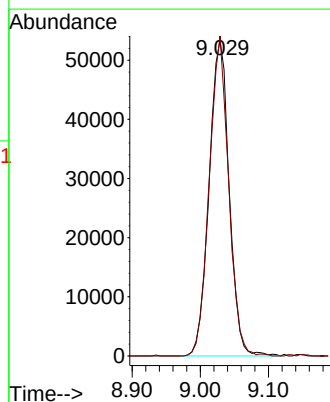
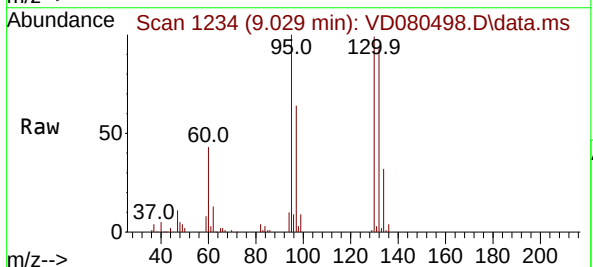
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

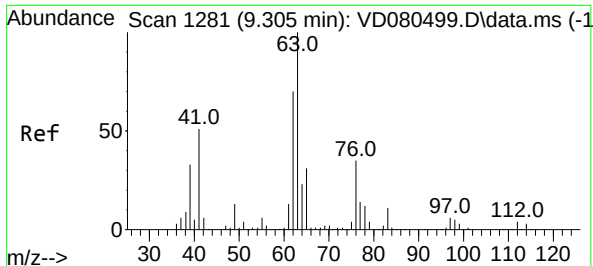
Tgt Ion: 43 Resp: 136763
Ion Ratio Lower Upper
43 100
61 30.6 24.3 36.5
87 13.3 10.9 16.3



#44
Trichloroethene
Concen: 20.663 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 130 Resp: 109341
Ion Ratio Lower Upper
130 100
95 101.4 0.0 191.8





#45

1,2-Dichloropropane

Concen: 20.530 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080498.D

Acq: 27 Aug 2025 11:05

Instrument :

MSVOA_D

ClientSampleId :

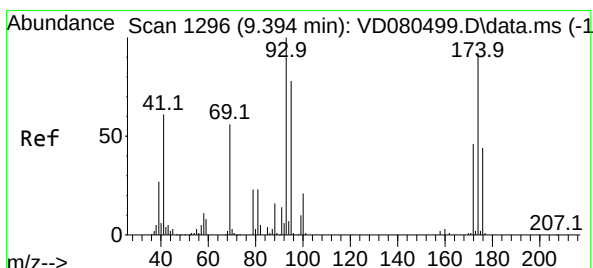
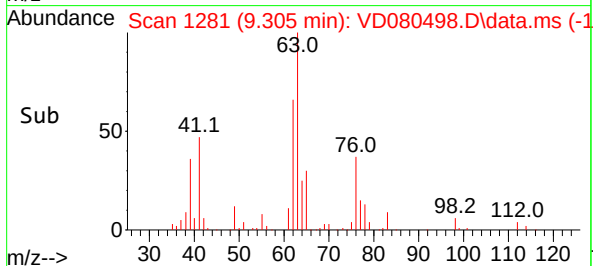
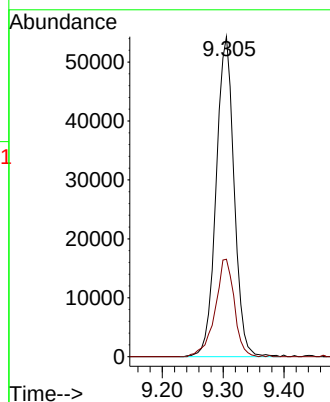
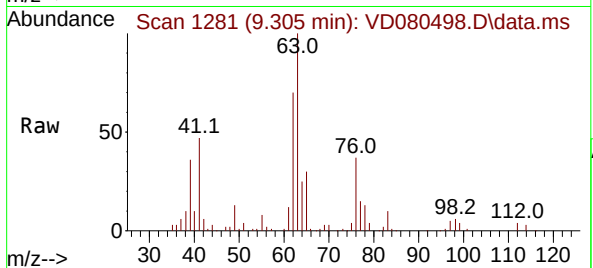
VSTDIC020

Tgt Ion: 63 Resp: 111053

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



#46

Dibromomethane

Concen: 20.304 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080498.D

Acq: 27 Aug 2025 11:05

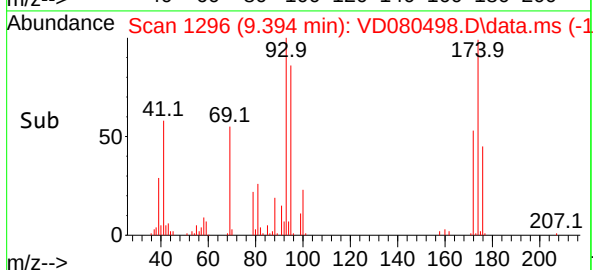
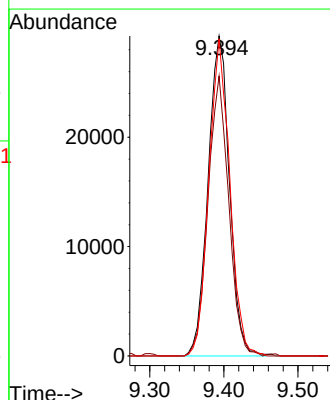
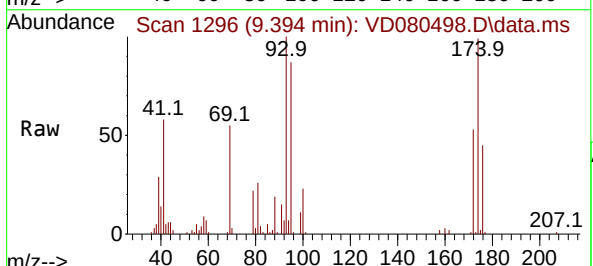
Tgt Ion: 93 Resp: 58842

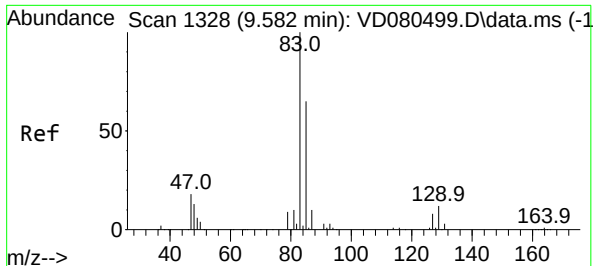
Ion Ratio Lower Upper

93 100

95 84.6 66.3 99.5

174 96.8 74.8 112.2

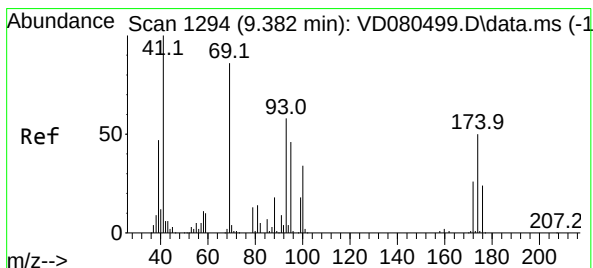
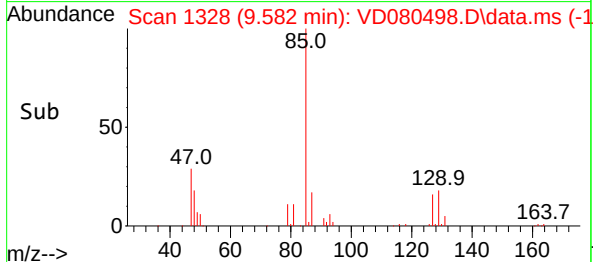
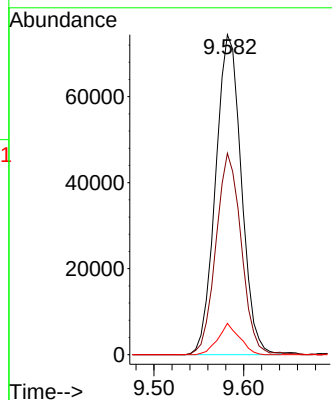
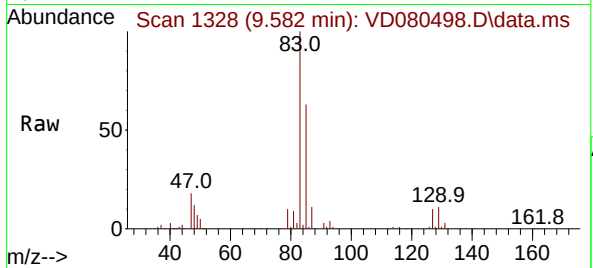




#47
Bromodichloromethane
Concen: 20.993 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

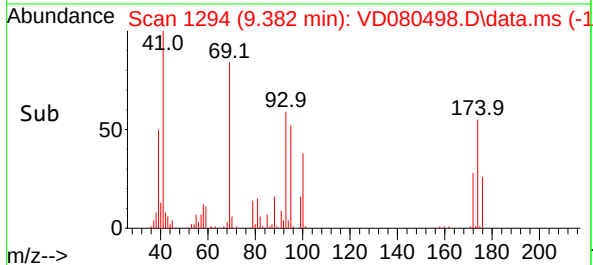
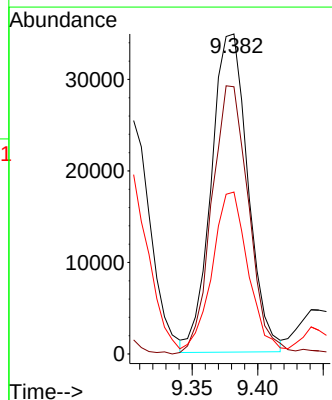
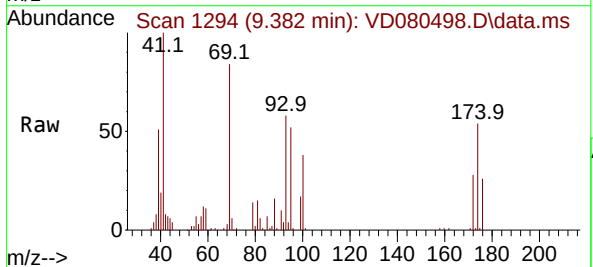
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

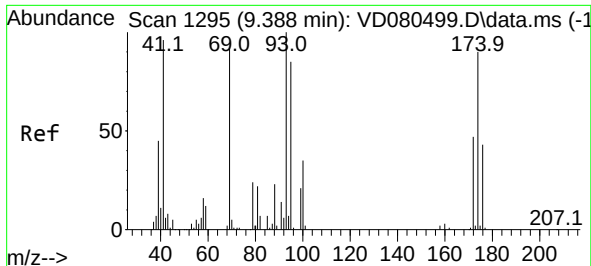
Tgt Ion: 83 Resp: 148316
Ion Ratio Lower Upper
83 100
85 63.0 52.2 78.2
127 9.8 6.6 9.8



#48
Methyl methacrylate
Concen: 20.343 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 41 Resp: 67621
Ion Ratio Lower Upper
41 100
69 84.4 68.7 103.1
39 47.7 36.5 54.7





#49

1,4-Dioxane

Concen: 405.584 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VD080498.D

Acq: 27 Aug 2025 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

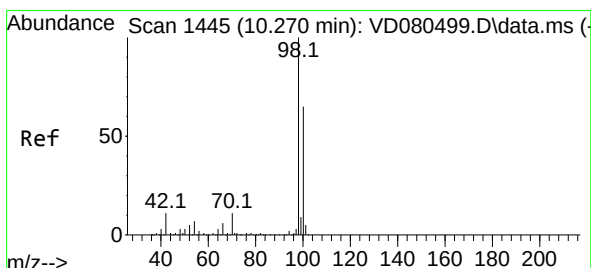
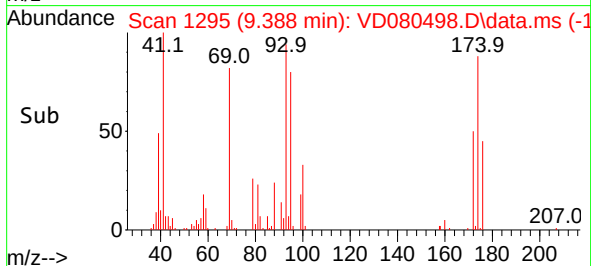
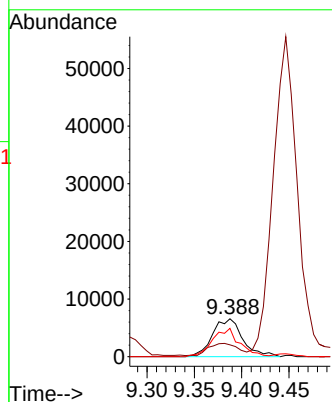
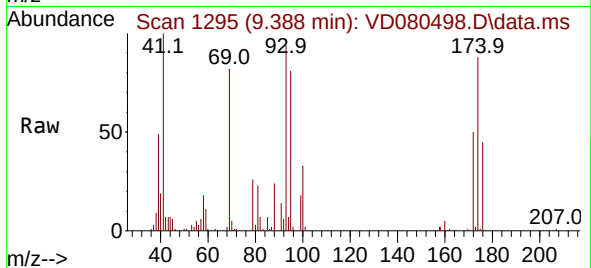
Tgt Ion: 88 Resp: 14531

Ion Ratio Lower Upper

88 100

43 30.6 26.1 39.1

58 67.5 54.2 81.2



#50

Toluene-d8

Concen: 18.830 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080498.D

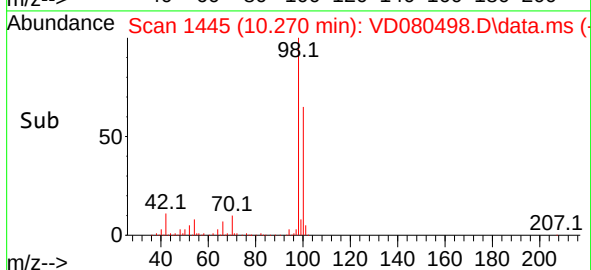
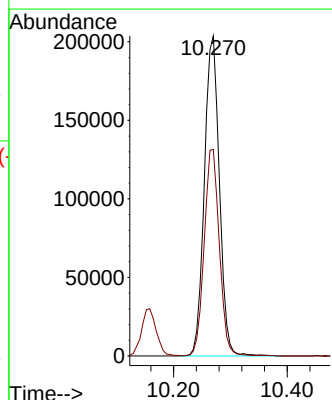
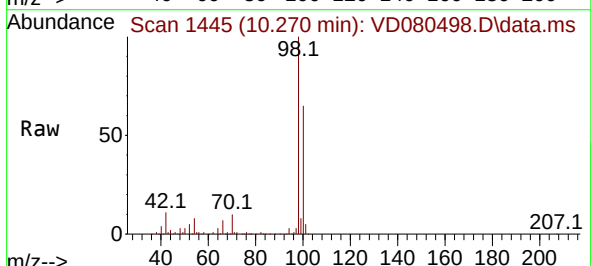
Acq: 27 Aug 2025 11:05

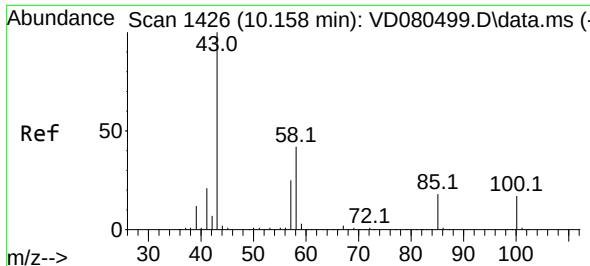
Tgt Ion: 98 Resp: 372827

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6

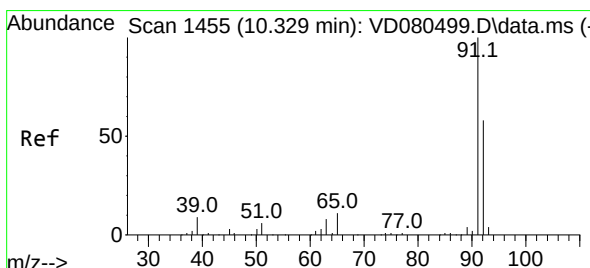
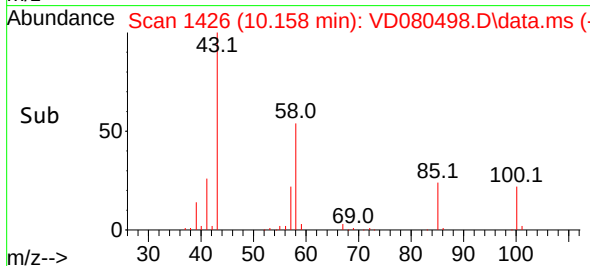
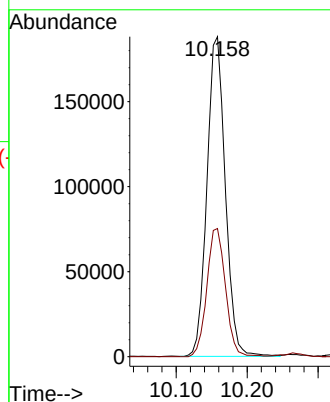
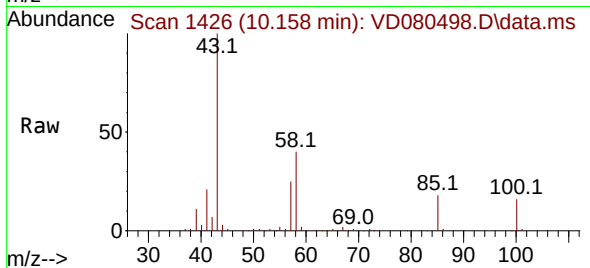




#51
4-Methyl-2-Pentanone
Concen: 101.125 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

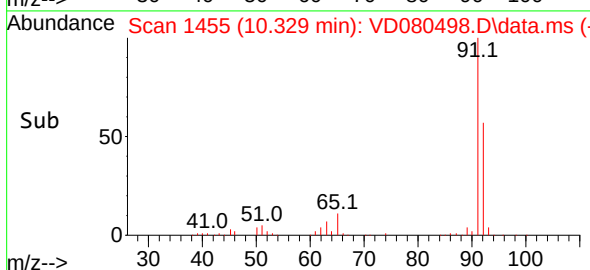
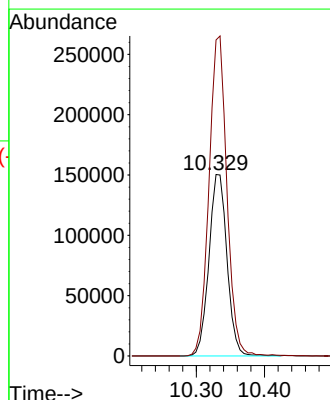
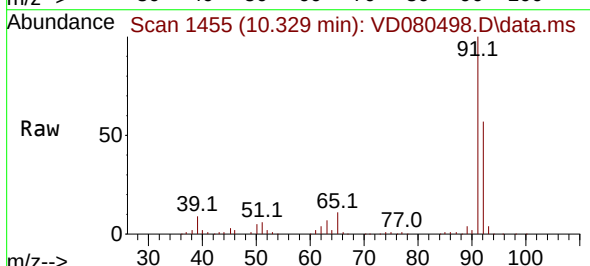
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

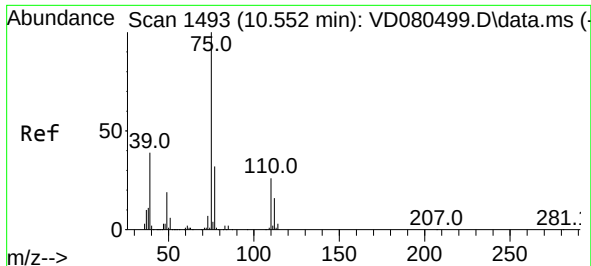
Tgt Ion: 43 Resp: 338167
Ion Ratio Lower Upper
43 100
58 40.8 32.8 49.2



#52
Toluene
Concen: 20.399 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 92 Resp: 277470
Ion Ratio Lower Upper
92 100
91 174.3 138.8 208.2

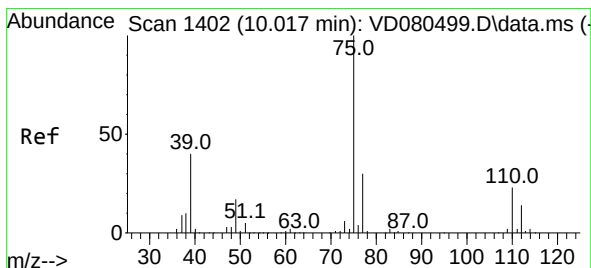
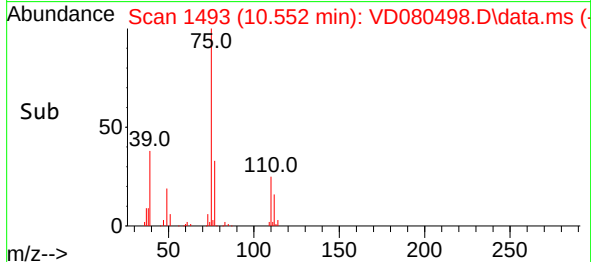
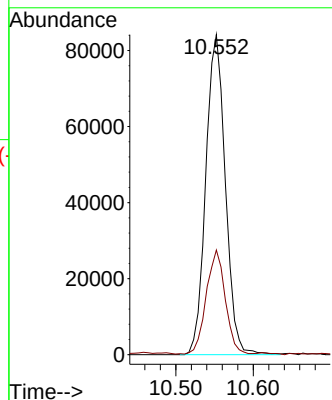
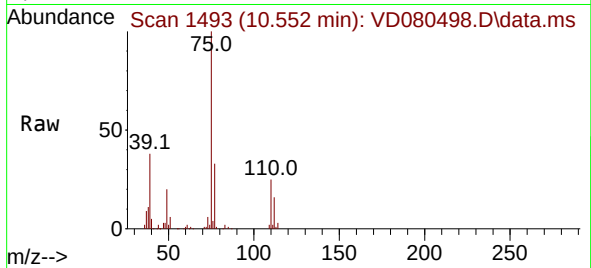




#53
 t-1,3-Dichloropropene
 Concen: 20.479 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

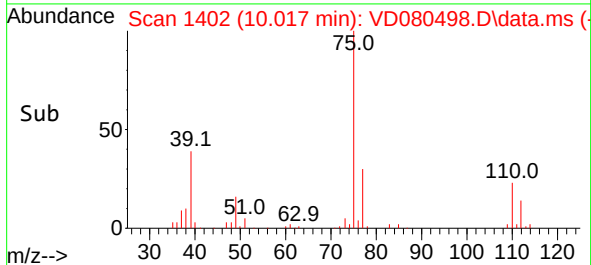
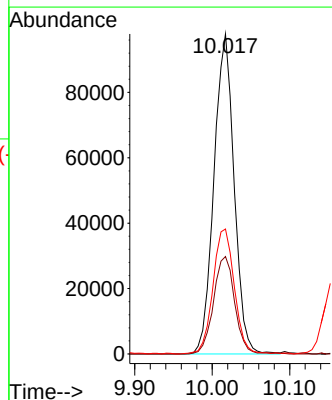
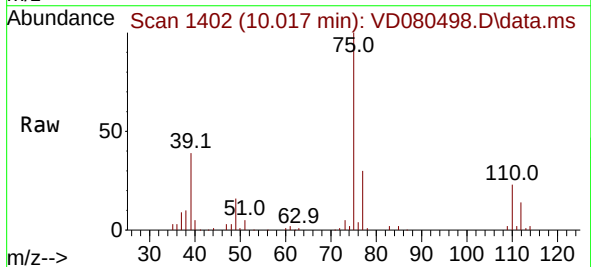
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

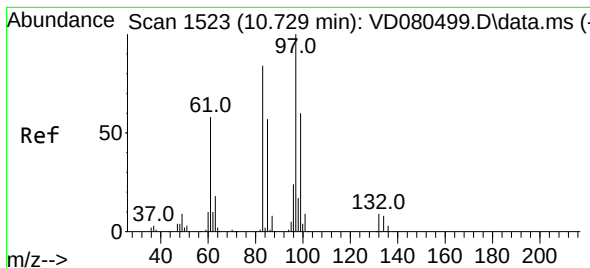
Tgt Ion: 75 Resp: 147450
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.521 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

Tgt Ion: 75 Resp: 176693
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.2 36.4
 39 39.1 31.8 47.6

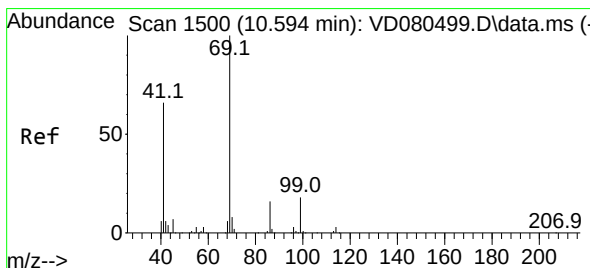
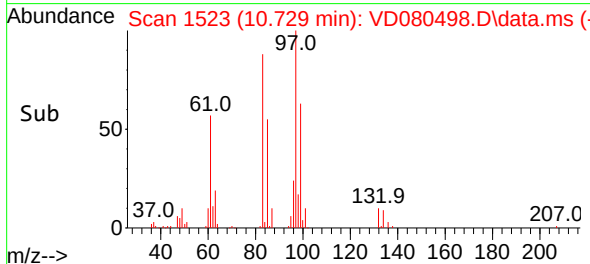
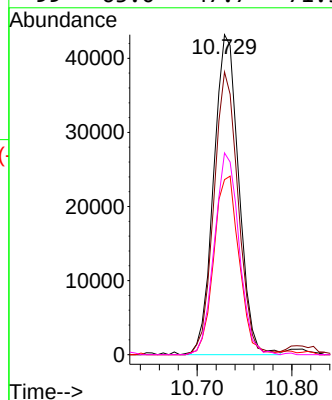
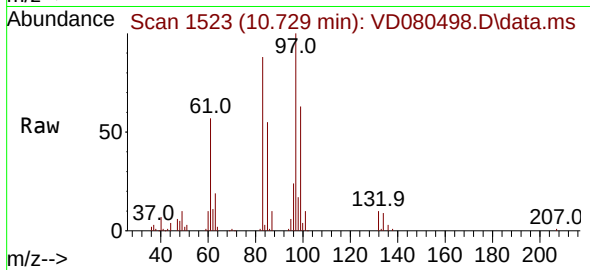




#55
1,1,2-Trichloroethane
Concen: 20.461 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

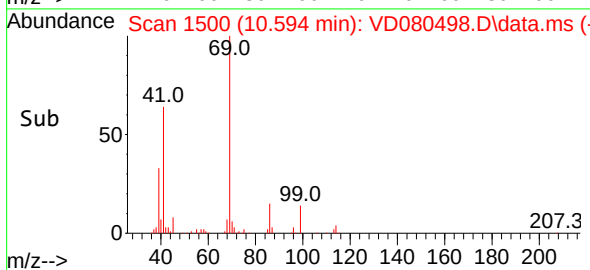
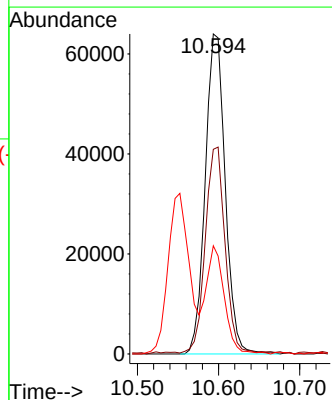
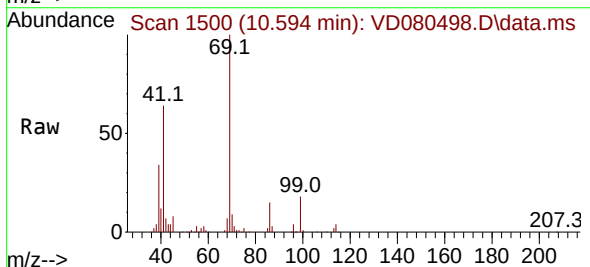
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

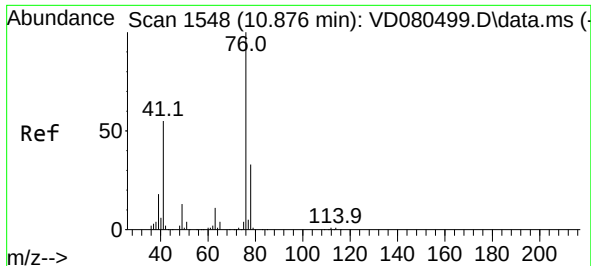
Tgt Ion:	97	Resp:	79500
Ion	Ratio	Lower	Upper
97	100		
83	88.3	67.0	100.6
85	54.7	45.6	68.4
99	63.0	47.7	71.5



#56
Ethyl methacrylate
Concen: 20.227 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion:	69	Resp:	109499
Ion	Ratio	Lower	Upper
69	100		
41	63.2	51.9	77.9
39	30.8	23.6	35.4





#57

1,3-Dichloropropane

Concen: 20.586 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VD080498.D

Acq: 27 Aug 2025 11:05

Instrument :

MSVOA_D

ClientSampleId :

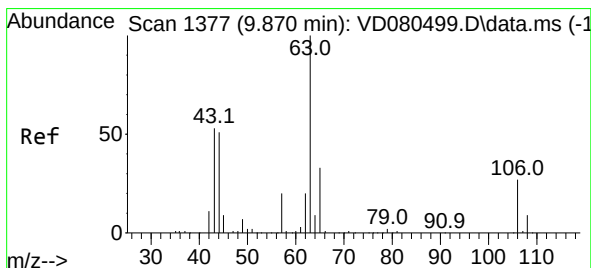
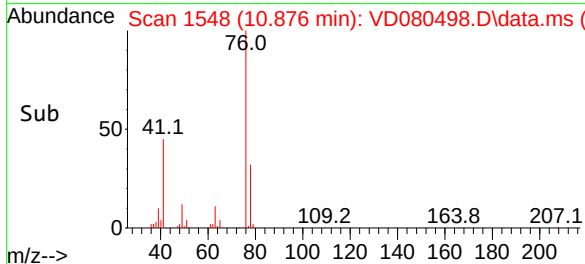
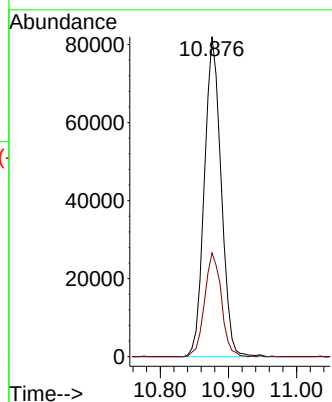
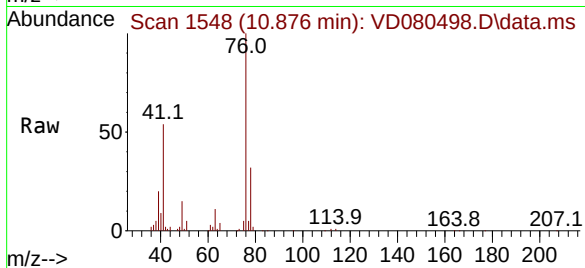
VSTDIC020

Tgt Ion: 76 Resp: 140380

Ion Ratio Lower Upper

76 100

78 32.5 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 99.754 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080498.D

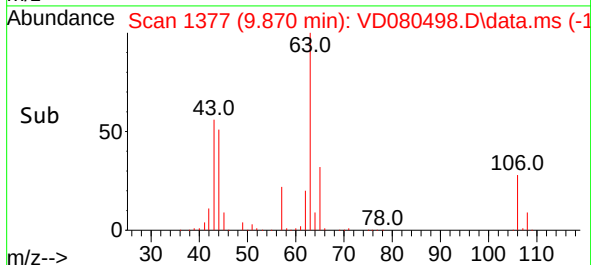
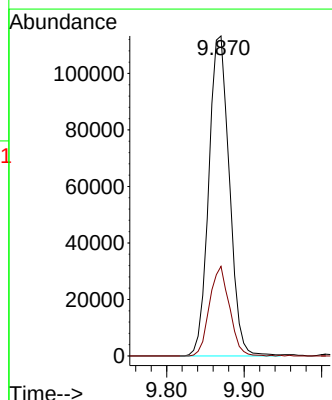
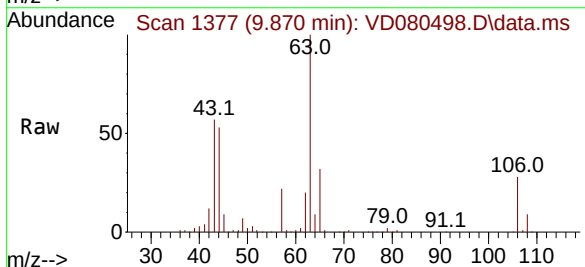
Acq: 27 Aug 2025 11:05

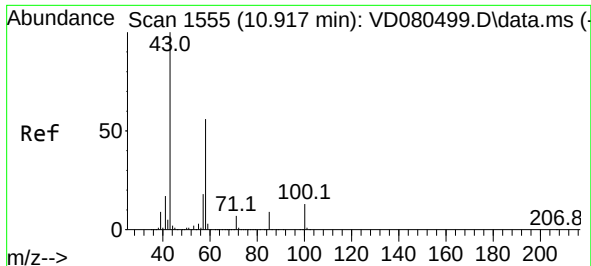
Tgt Ion: 63 Resp: 208978

Ion Ratio Lower Upper

63 100

106 27.1 22.1 33.1

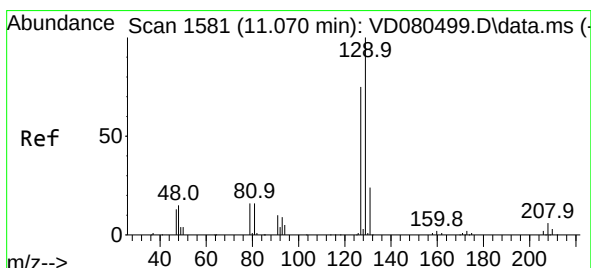
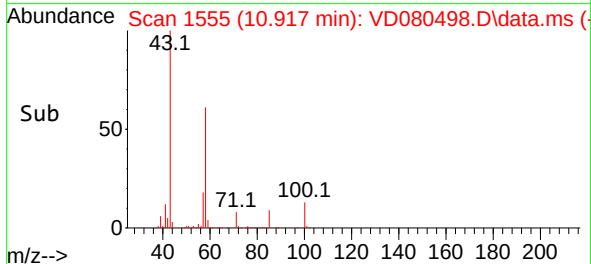
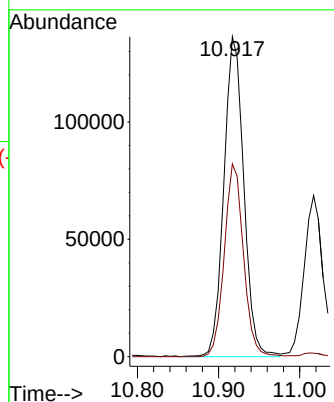
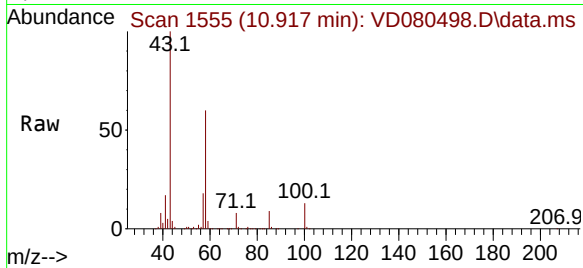




#59
2-Hexanone
Concen: 97.797 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

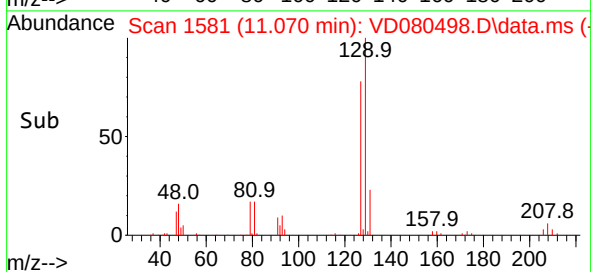
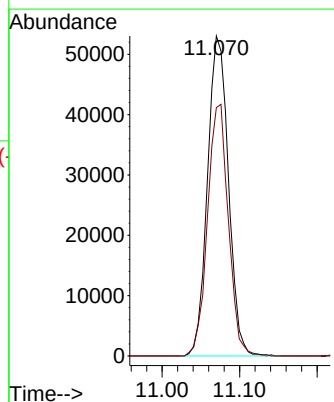
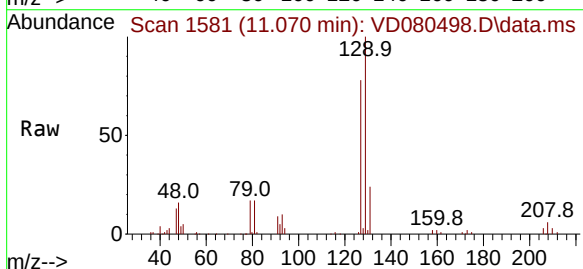
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

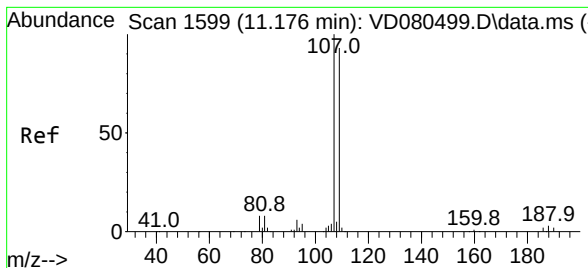
Tgt Ion: 43 Resp: 232369
Ion Ratio Lower Upper
43 100
58 58.1 28.3 85.0



#60
Dibromochloromethane
Concen: 20.296 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 129 Resp: 99386
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.7

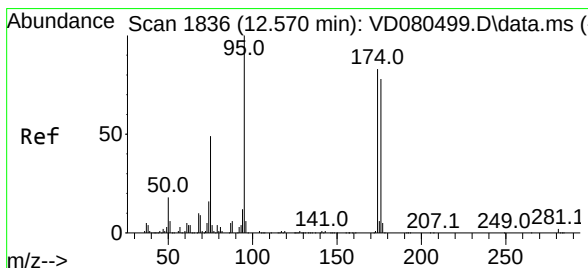
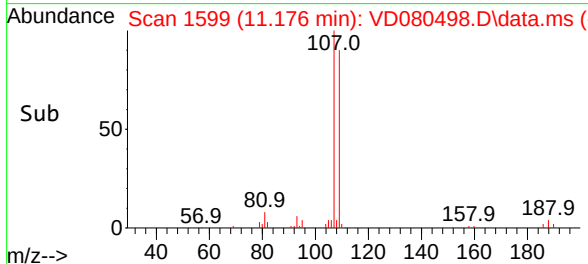
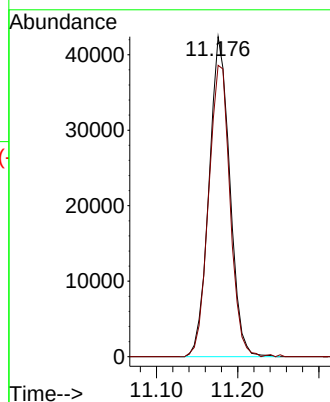
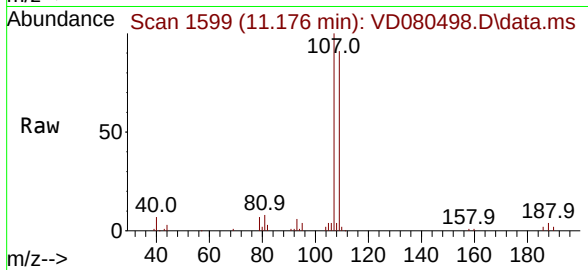




#61
1,2-Dibromoethane
Concen: 20.378 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

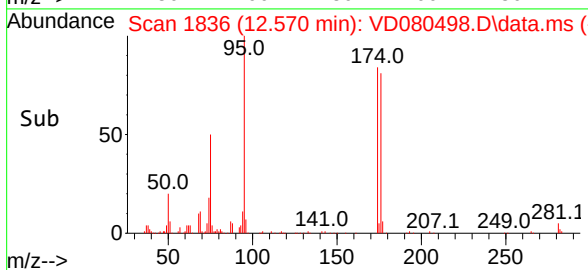
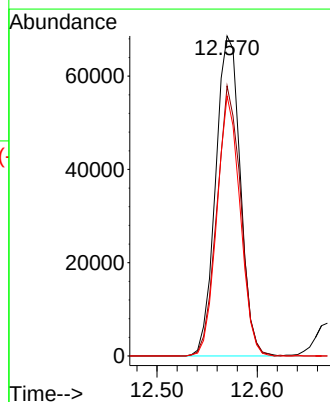
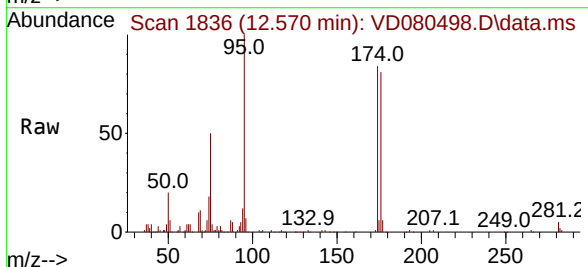
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

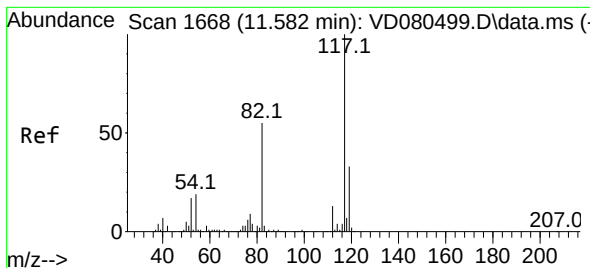
Tgt Ion:107 Resp: 75339
Ion Ratio Lower Upper
107 100
109 93.6 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 18.256 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 95 Resp: 117271
Ion Ratio Lower Upper
95 100
174 81.6 0.0 162.6
176 76.5 0.0 156.0

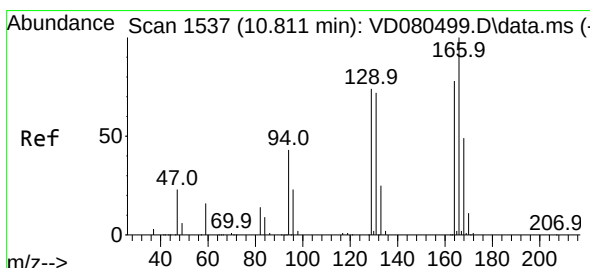
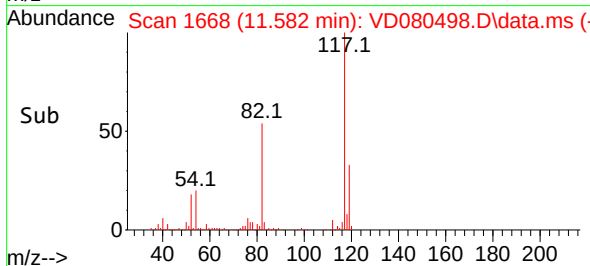
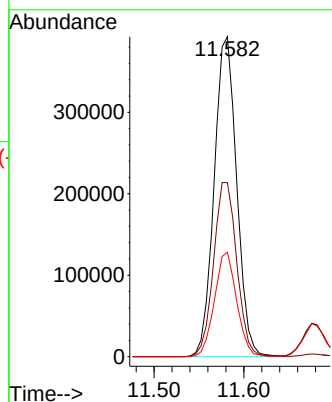
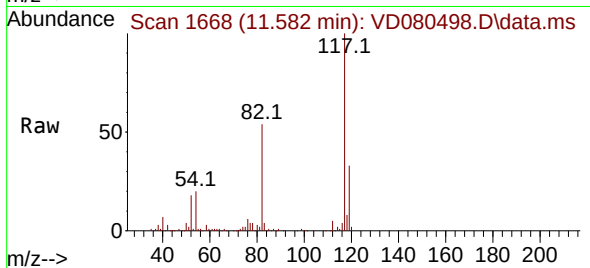




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

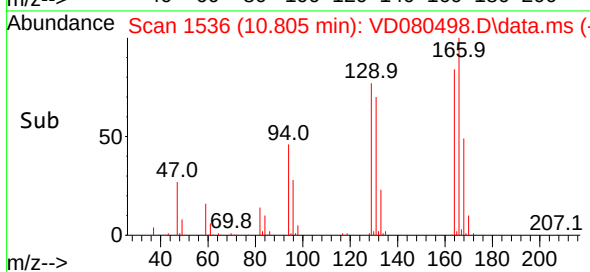
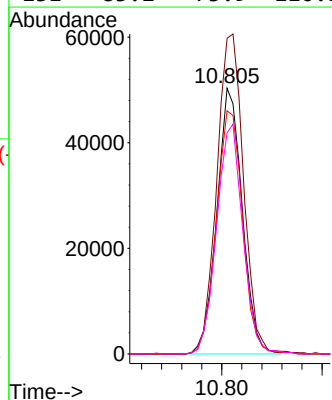
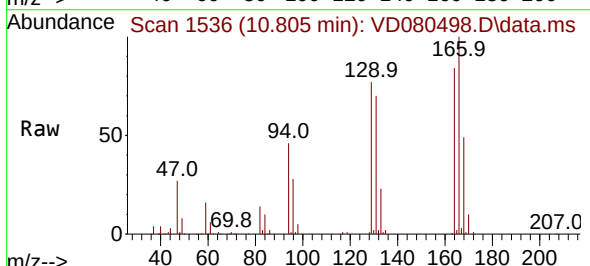
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

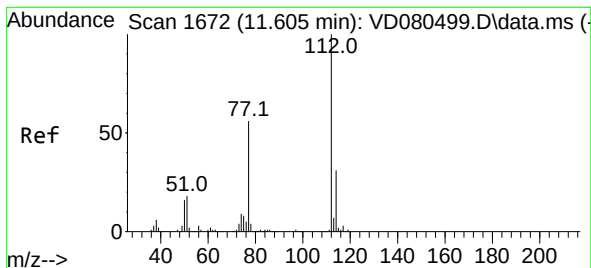
Tgt Ion:117 Resp: 685130
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.6
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 20.901 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion:164 Resp: 88433
Ion Ratio Lower Upper
164 100
166 118.8 103.1 154.7
129 91.5 76.2 114.2
131 83.2 73.9 110.9

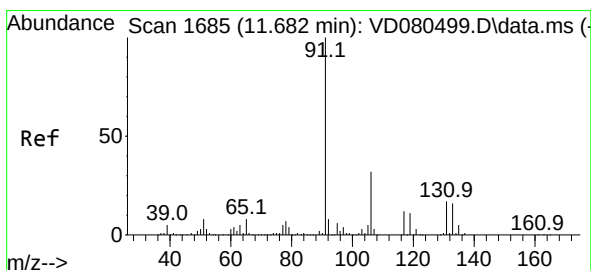
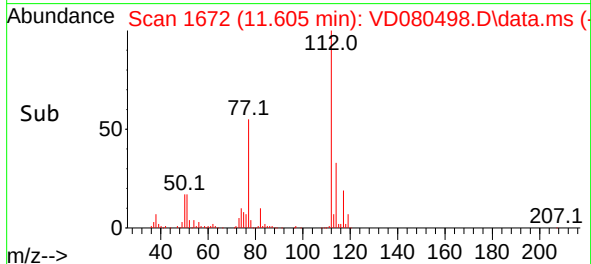
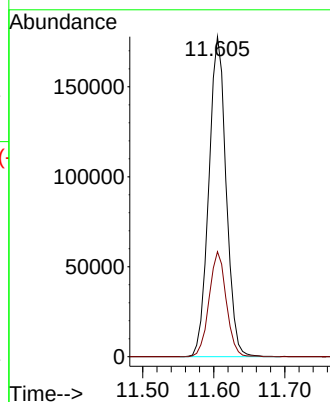
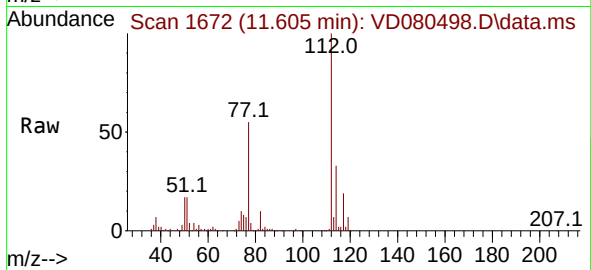




#65
Chlorobenzene
Concen: 20.652 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

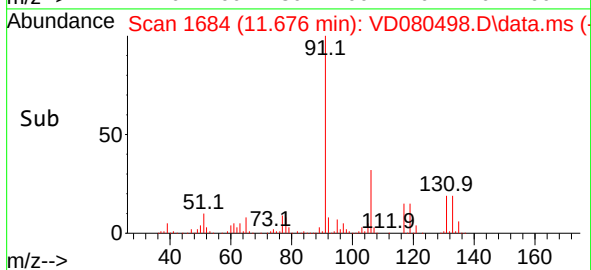
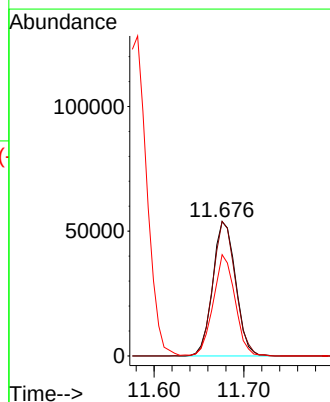
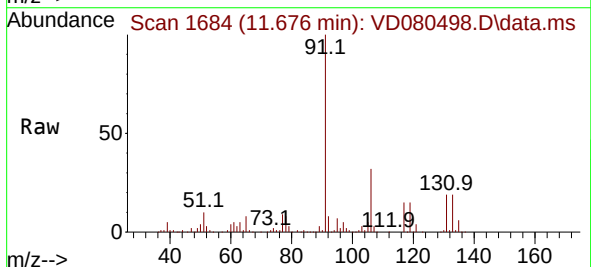
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

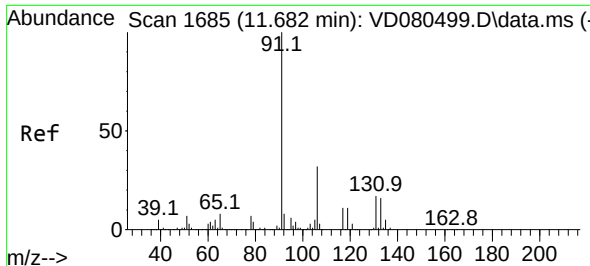
Tgt Ion:112 Resp: 301522
Ion Ratio Lower Upper
112 100
114 32.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.591 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion:131 Resp: 95889
Ion Ratio Lower Upper
131 100
133 98.3 47.8 143.3
119 71.0 34.6 103.9

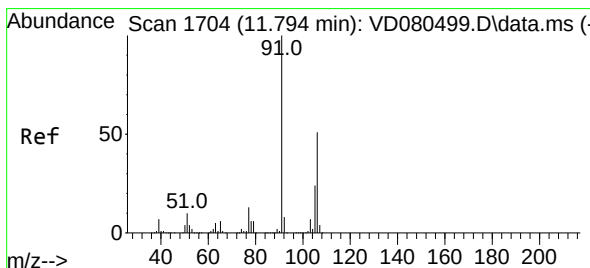
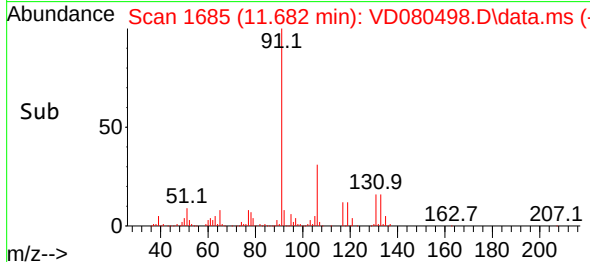
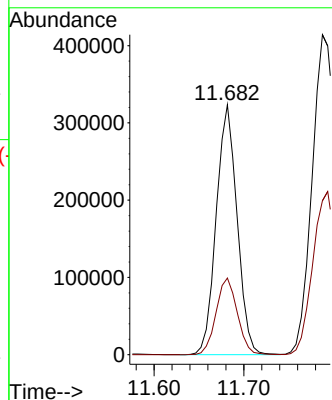
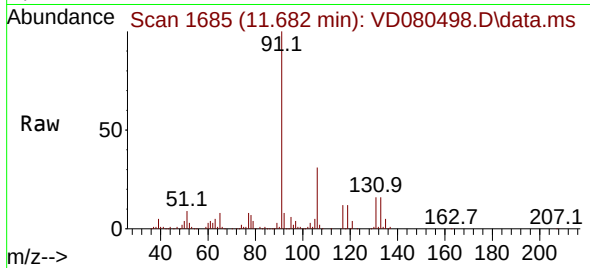




#67
Ethyl Benzene
Concen: 20.661 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

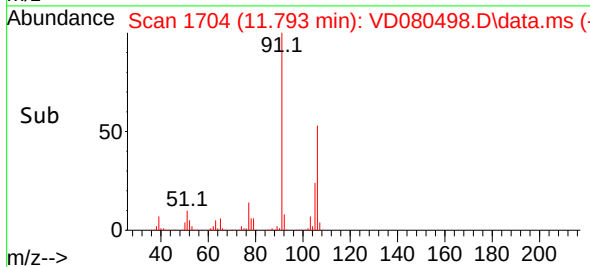
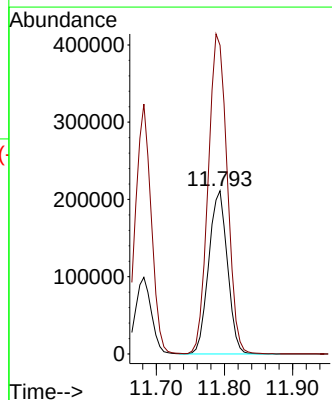
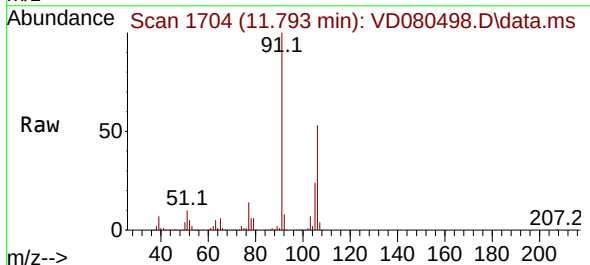
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

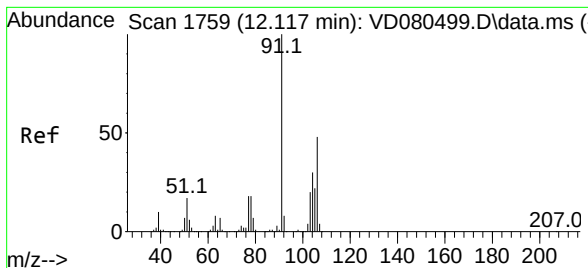
Tgt Ion: 91 Resp: 522108
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0



#68
m/p-Xylenes
Concen: 41.500 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 106 Resp: 403796
Ion Ratio Lower Upper
106 100
91 198.9 158.5 237.7

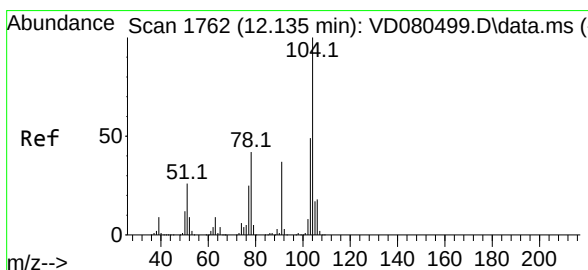
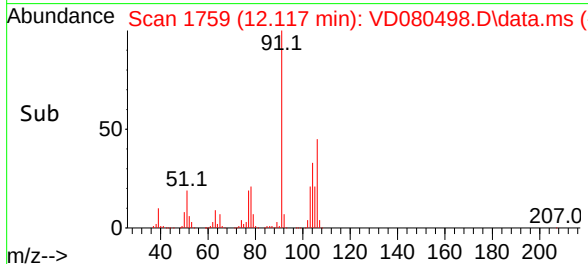
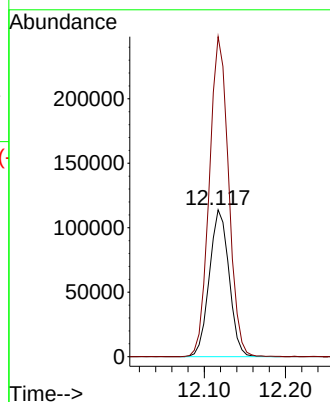
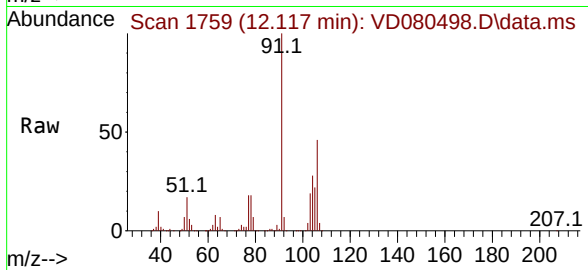




#69
o-Xylene
Concen: 20.608 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

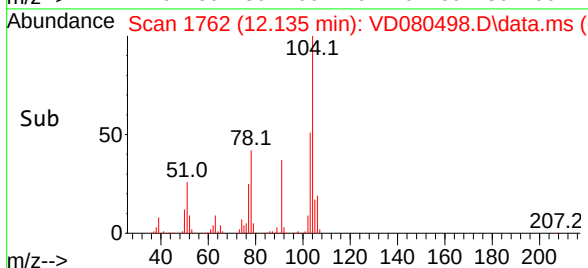
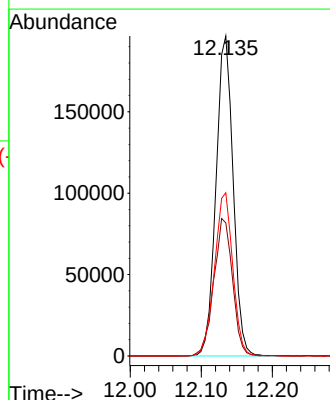
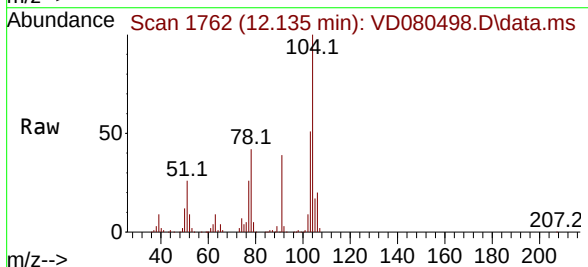
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

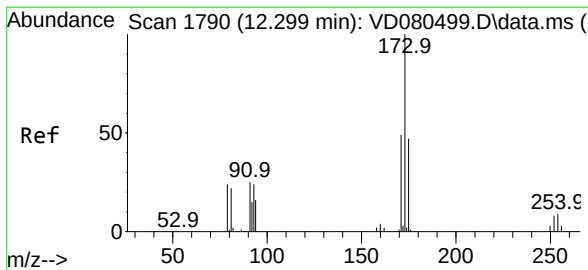
Tgt Ion:106 Resp: 191350
Ion Ratio Lower Upper
106 100
91 214.2 105.3 315.8



#70
Styrene
Concen: 20.749 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion:104 Resp: 327750
Ion Ratio Lower Upper
104 100
78 47.1 37.9 56.9
103 54.7 43.5 65.3

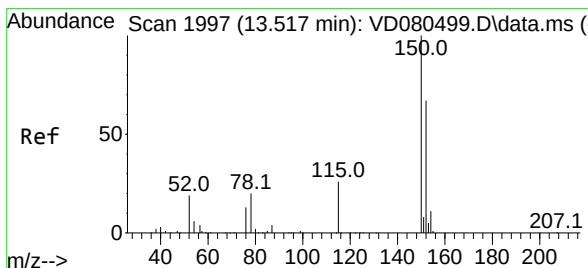
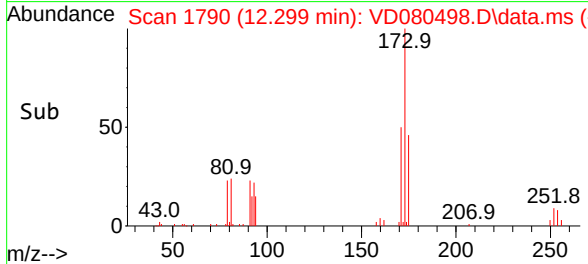
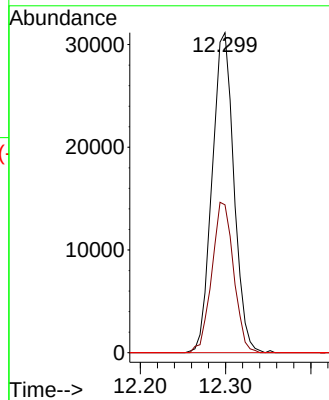
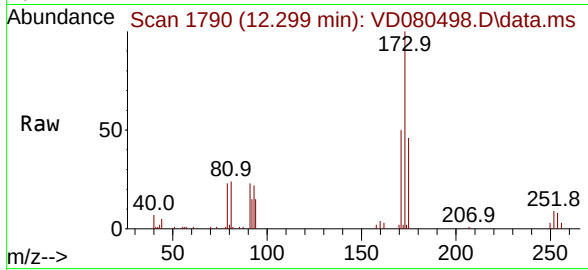




#71
Bromoform
Concen: 20.883 ug/l
RT: 12.299 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

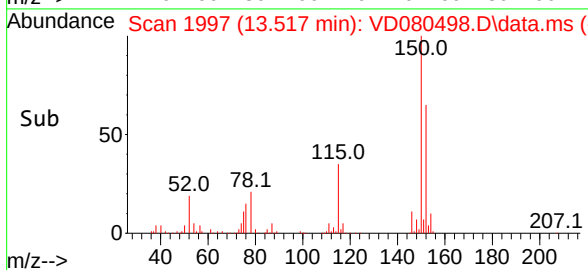
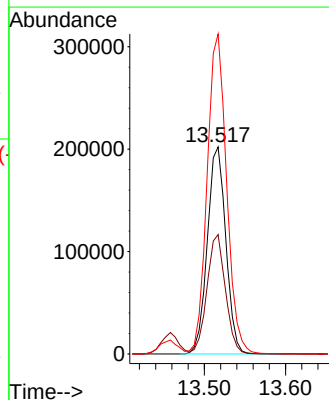
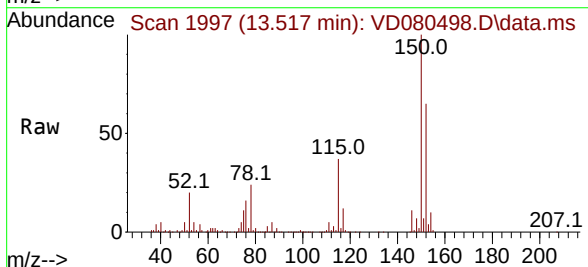
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

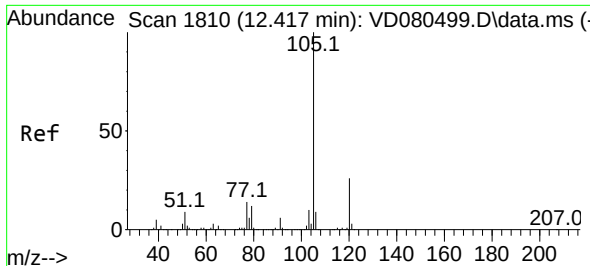
Tgt Ion:173 Resp: 55269
Ion Ratio Lower Upper
173 100
175 47.0 23.9 71.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion:152 Resp: 319967
Ion Ratio Lower Upper
152 100
115 57.4 29.0 87.0
150 162.6 0.0 345.0

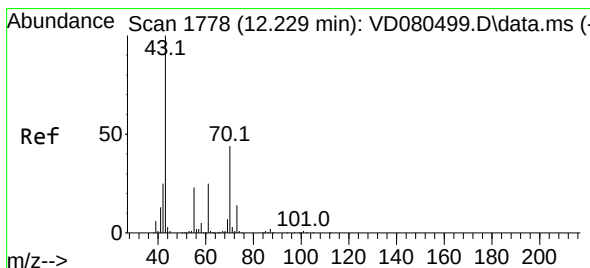
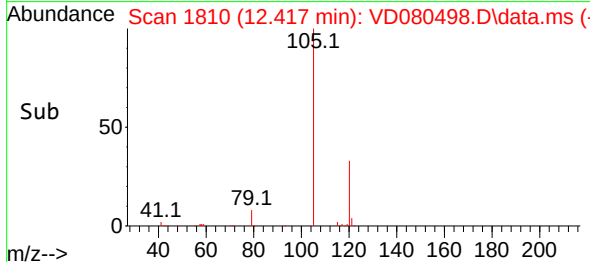
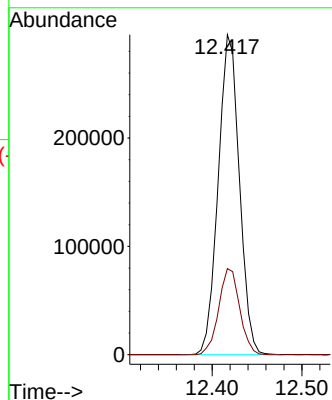
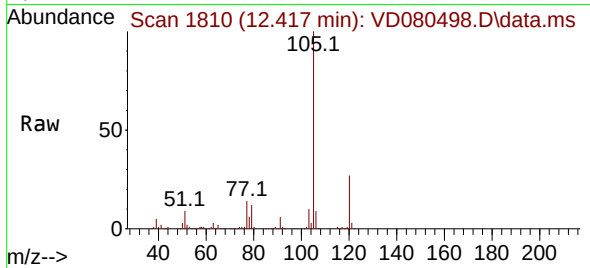




#73
Isopropylbenzene
Concen: 20.624 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

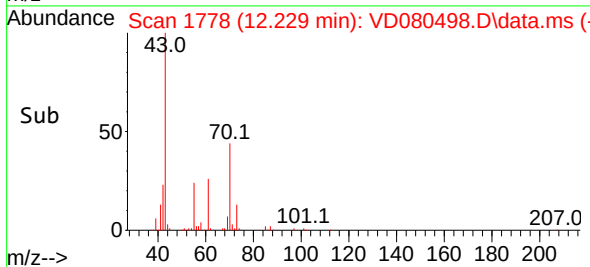
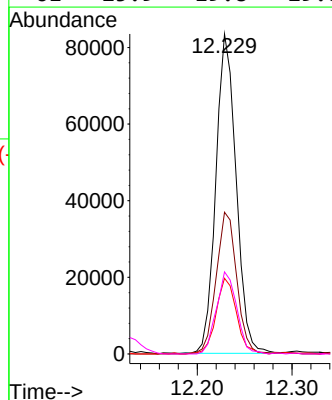
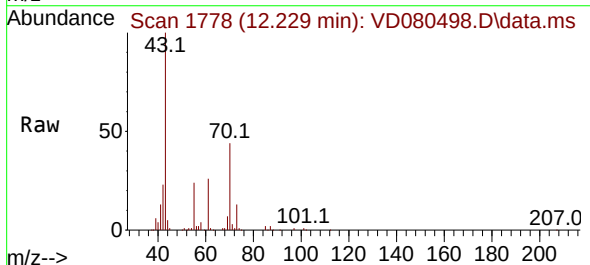
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

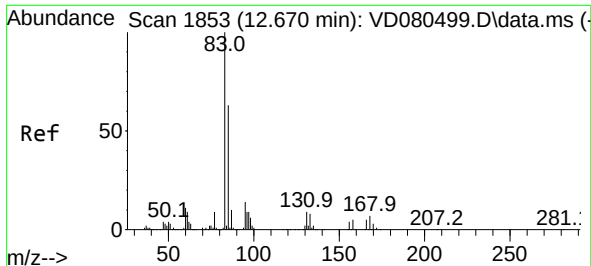
Tgt Ion:105 Resp: 483490
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 19.910 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 43 Resp: 123862
Ion Ratio Lower Upper
43 100
70 45.2 35.4 53.0
55 24.0 18.6 28.0
61 25.9 19.8 29.8

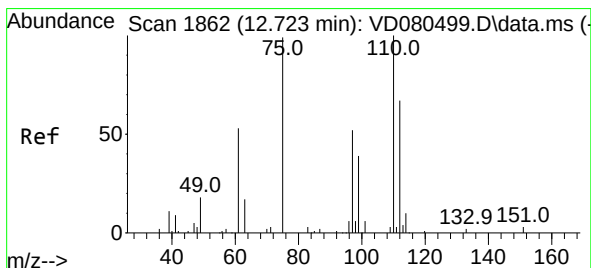
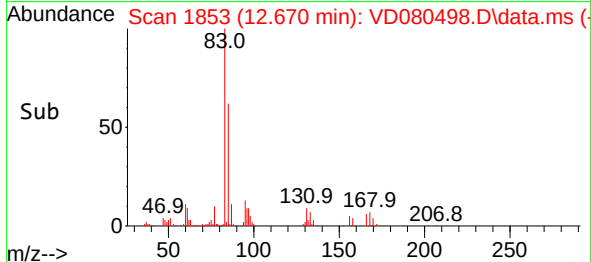
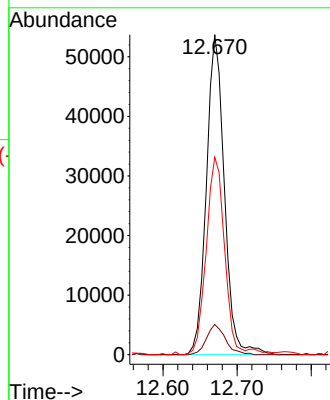
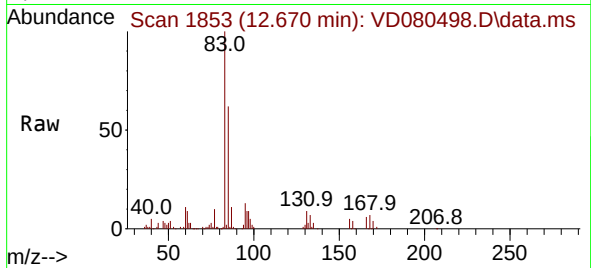




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.753 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

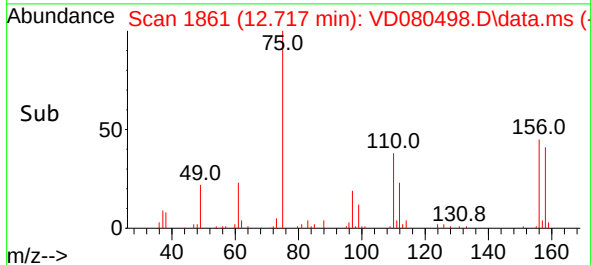
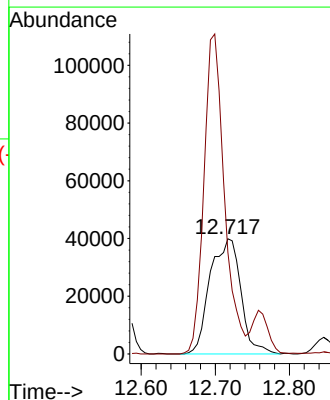
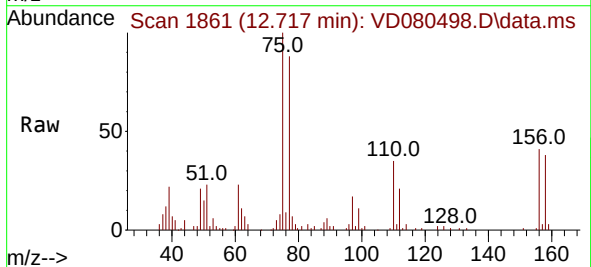
Instrument :
 MSVOA_D
 ClientSampleId :
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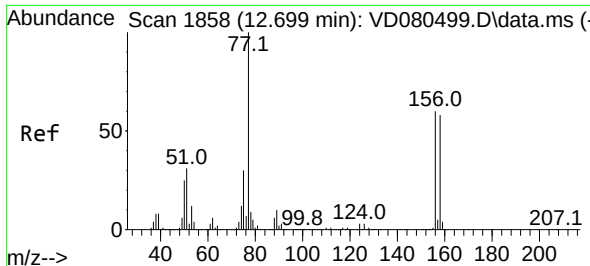
Tgt Ion: 83 Resp: 90453
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 15.0
 85 62.3 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 44.021 ug/l
 RT: 12.717 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

Tgt Ion: 75 Resp: 114960
 Ion Ratio Lower Upper
 75 100
 77 185.7 0.0 0.0#

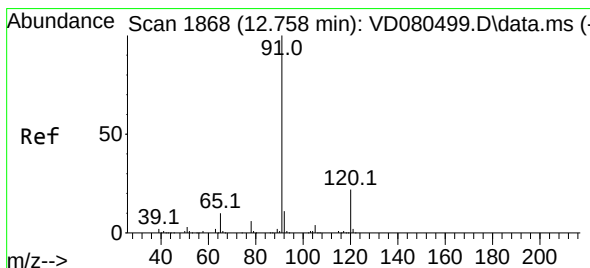
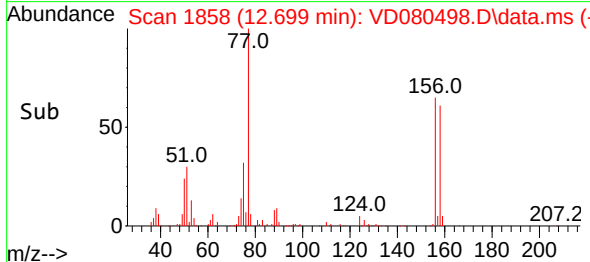
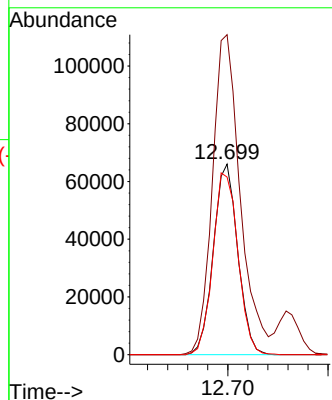
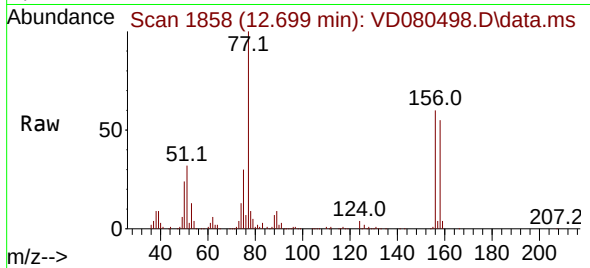




#77
Bromobenzene
Concen: 20.561 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

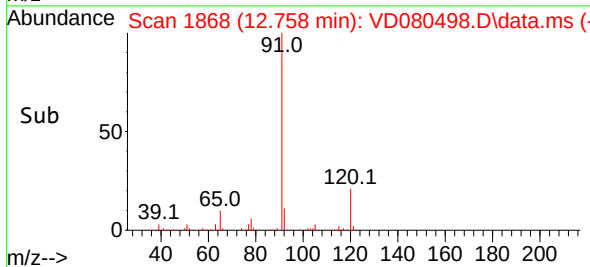
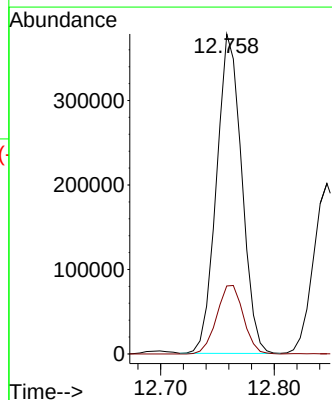
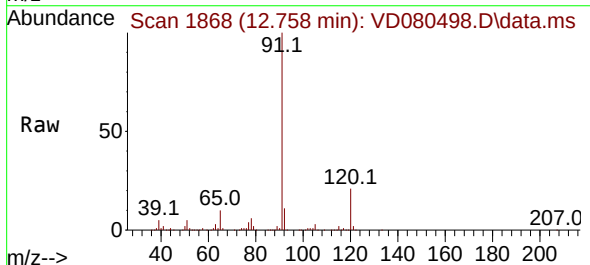
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

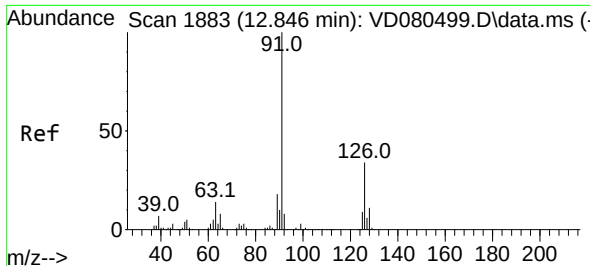
Tgt Ion:156 Resp: 111524
Ion Ratio Lower Upper
156 100
77 191.4 92.5 277.3
158 98.2 47.9 143.6



#78
n-propylbenzene
Concen: 20.471 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 91 Resp: 582736
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9

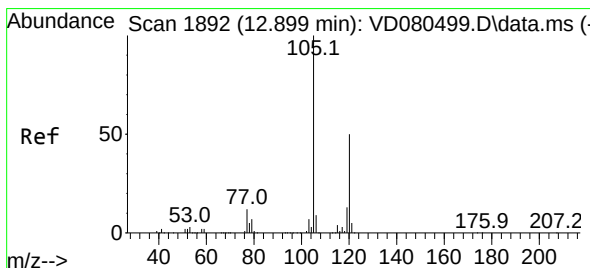
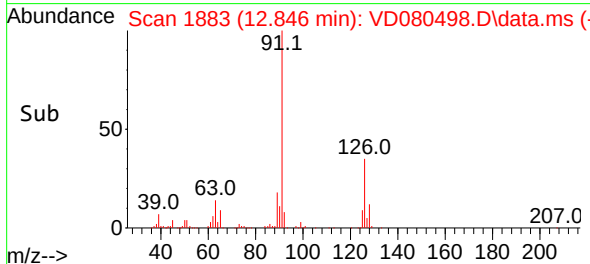
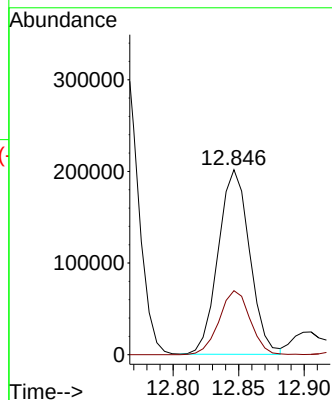
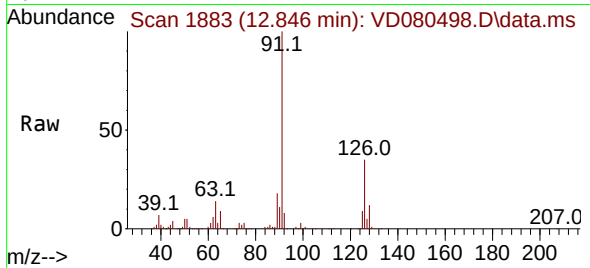




#79
2-Chlorotoluene
Concen: 20.716 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

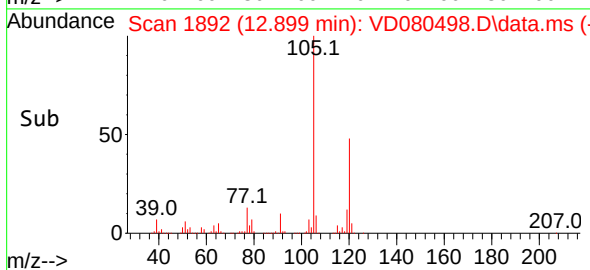
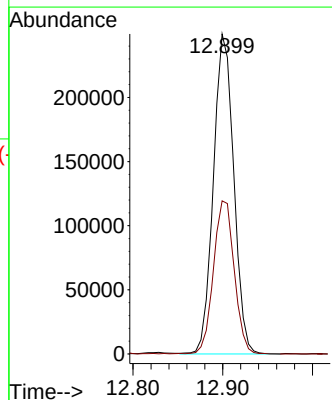
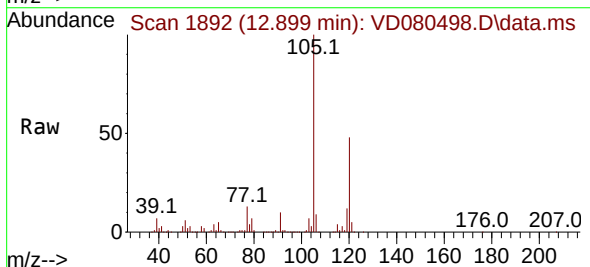
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

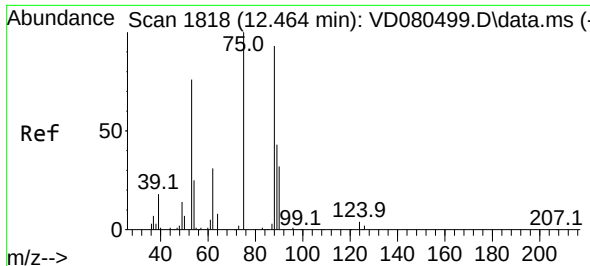
Tgt Ion: 91 Resp: 336039
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 20.627 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 105 Resp: 392937
Ion Ratio Lower Upper
105 100
120 48.9 24.7 74.1

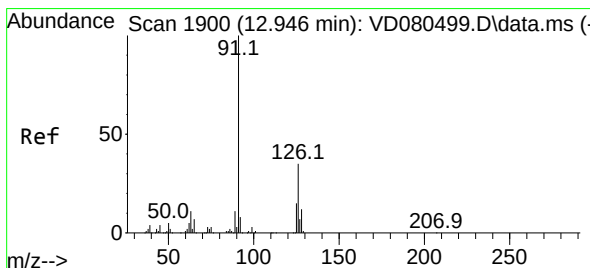
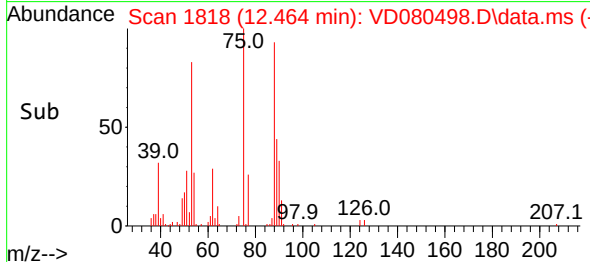
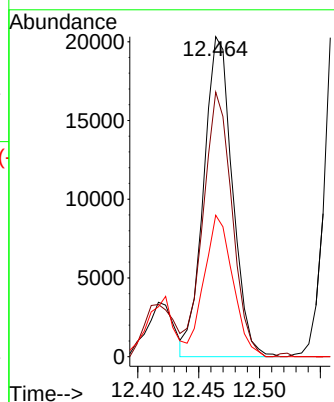
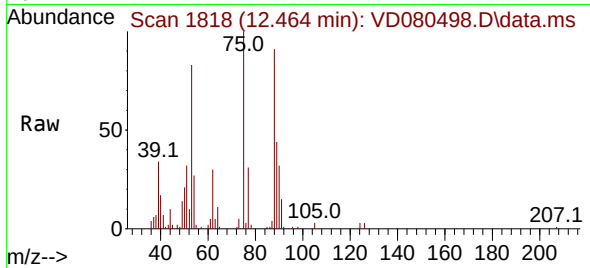




#81
trans-1,4-Dichloro-2-butene
Concen: 19.363 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

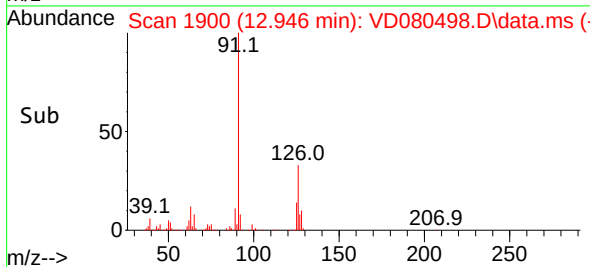
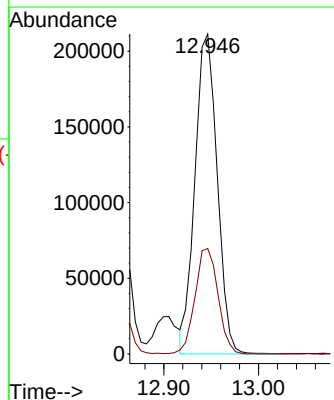
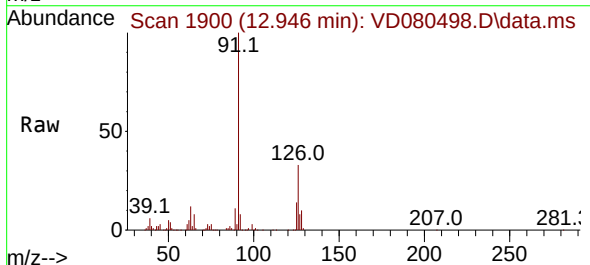
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MSVOA_D
ClientSampleId :
VSTDIC020

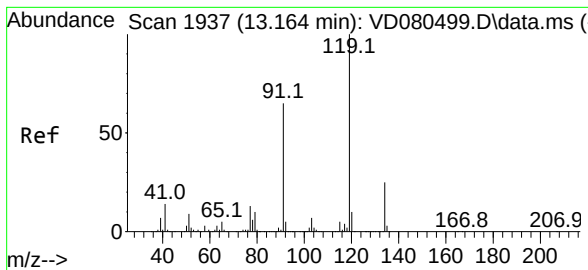
Tgt Ion: 75 Resp: 33315
Ion Ratio Lower Upper
75 100
53 83.3 61.9 92.9
89 43.9 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.705 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 91 Resp: 345464
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7

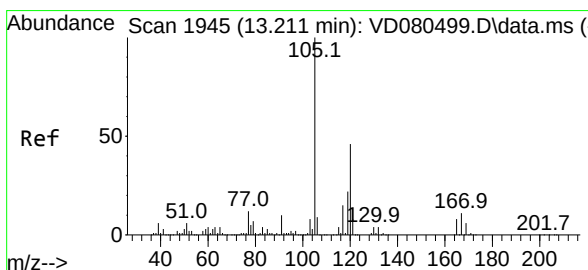
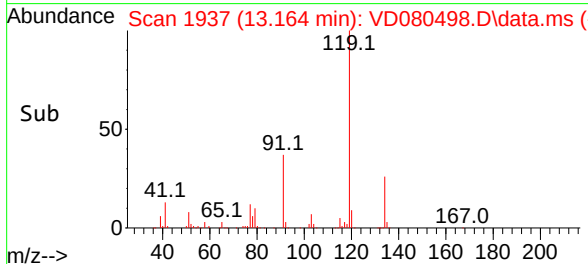
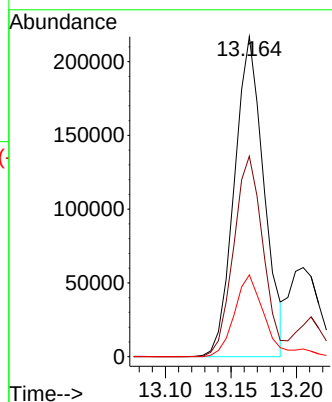
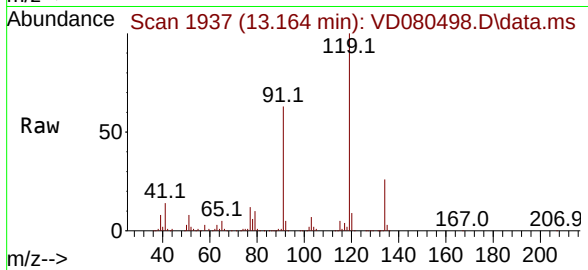




#83
 tert-Butylbenzene
 Concen: 20.577 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

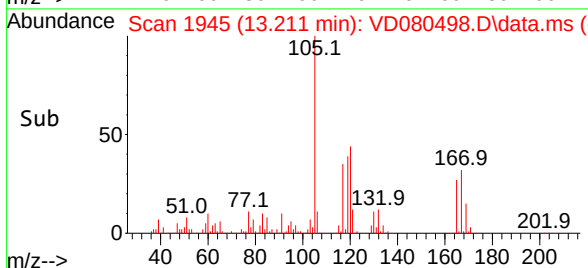
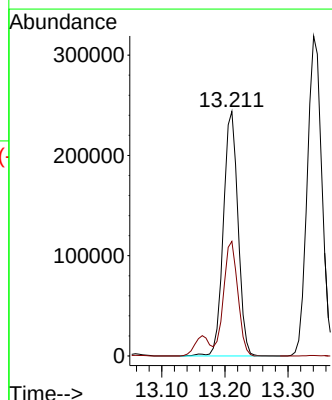
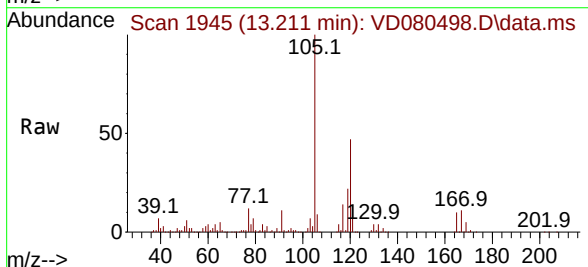
Instrument :
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 ClientSampleId :
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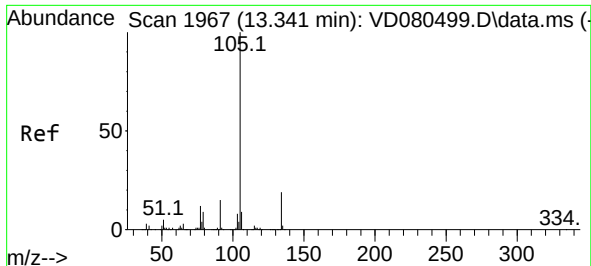
Tgt Ion:119 Resp: 340099
 Ion Ratio Lower Upper
 119 100
 91 63.2 32.0 96.0
 134 26.8 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.434 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

Tgt Ion:105 Resp: 391943
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.5 67.5

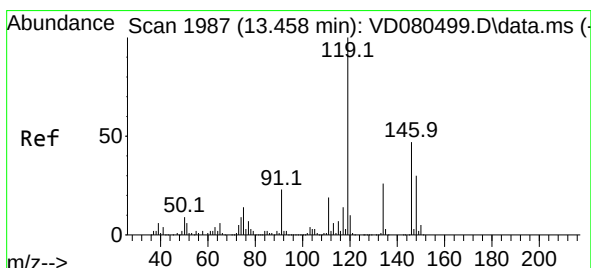
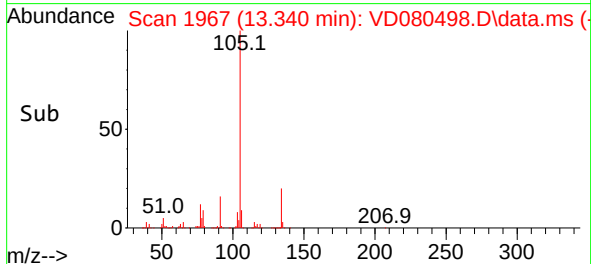
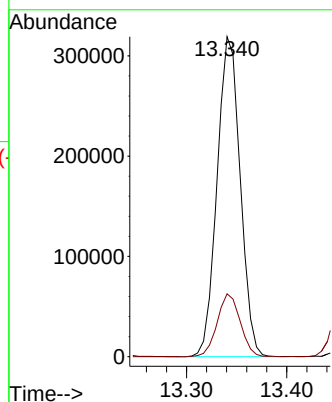
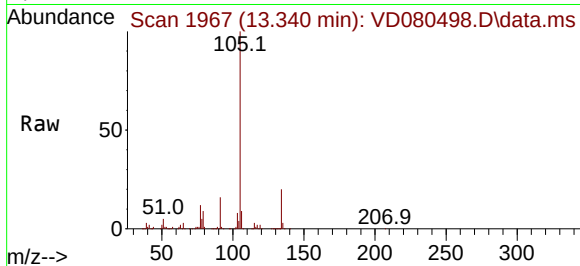




#85
 sec-Butylbenzene
 Concen: 20.723 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

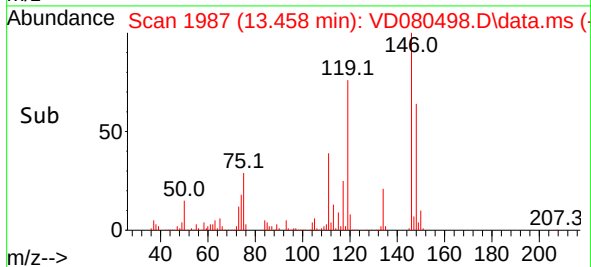
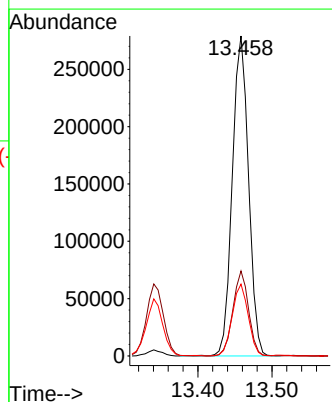
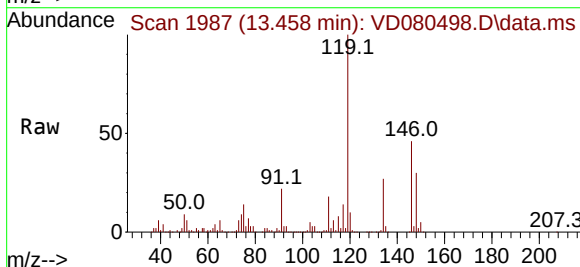
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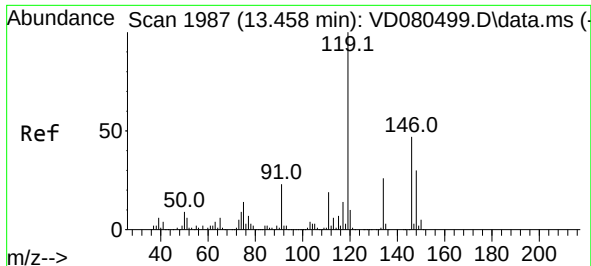
Tgt Ion:105 Resp: 511186
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.596 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

Tgt Ion:119 Resp: 424990
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 22.3 11.2 33.5

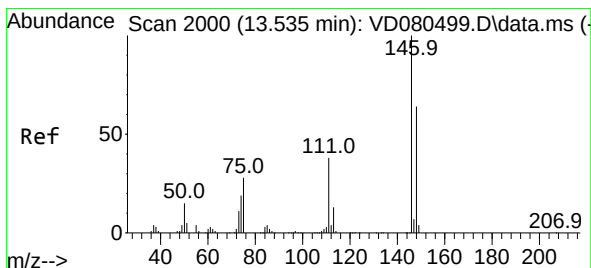
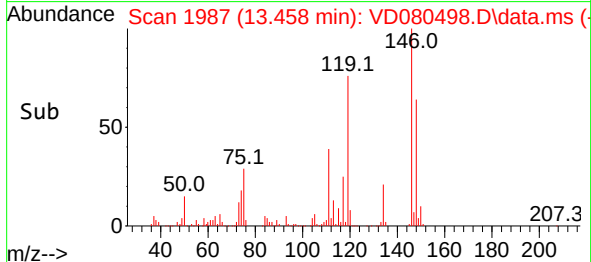
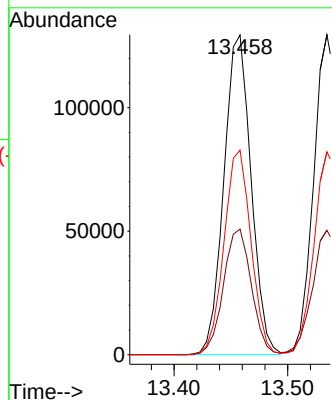
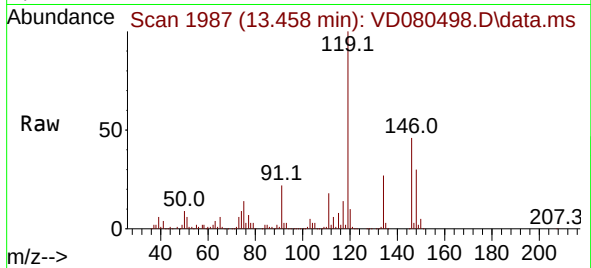




#87
 1,3-Dichlorobenzene
 Concen: 20.591 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

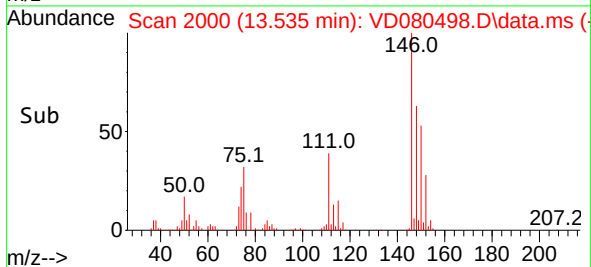
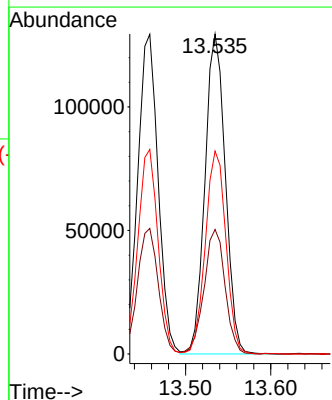
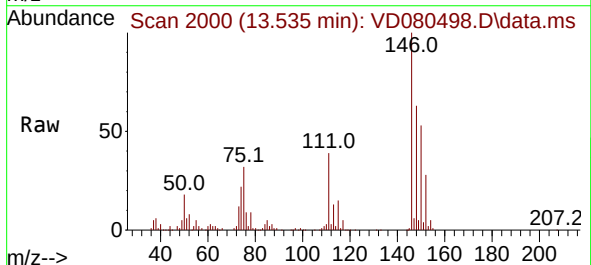
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

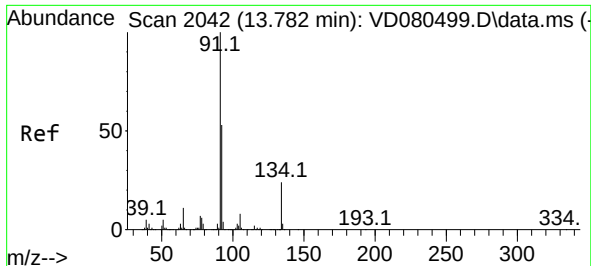
Tgt Ion:146 Resp: 215347
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.9 59.6
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.454 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

Tgt Ion:146 Resp: 214797
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.4 58.1
 148 64.2 32.1 96.5

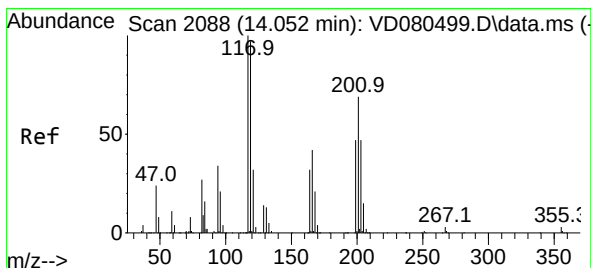
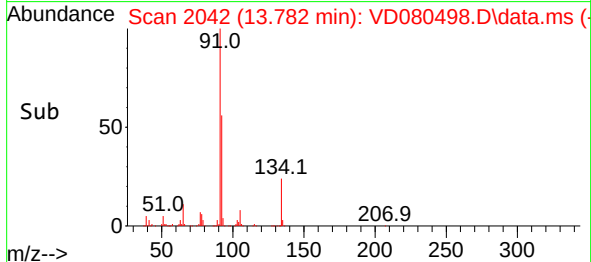
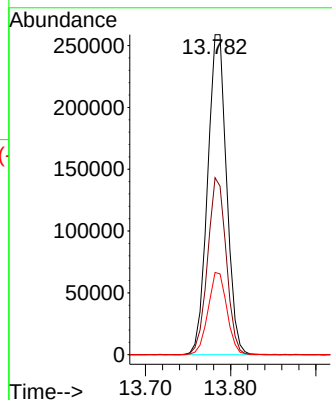
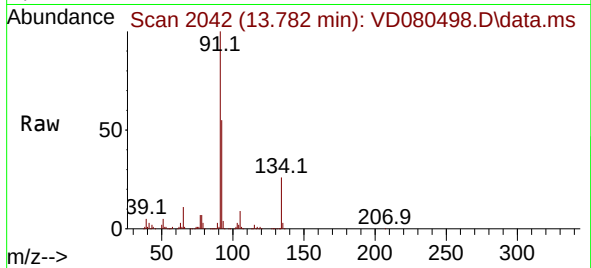




#89
n-Butylbenzene
Concen: 20.400 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

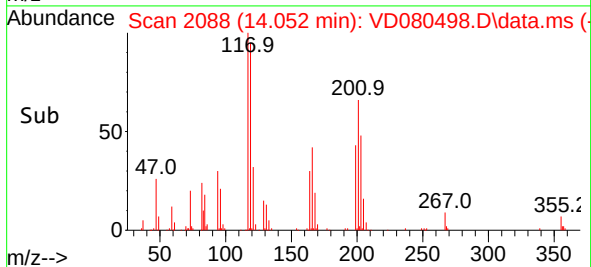
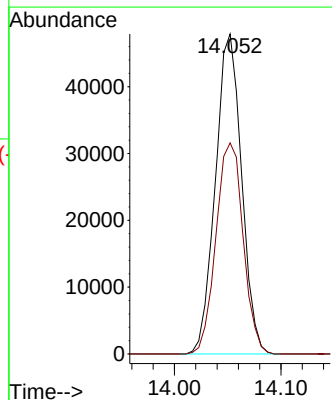
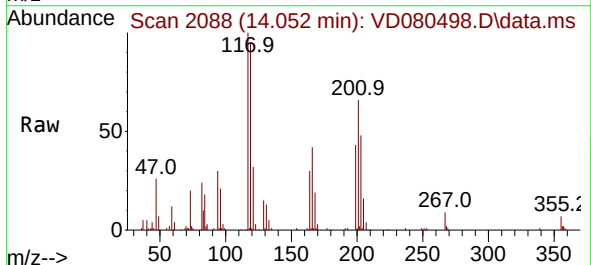
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

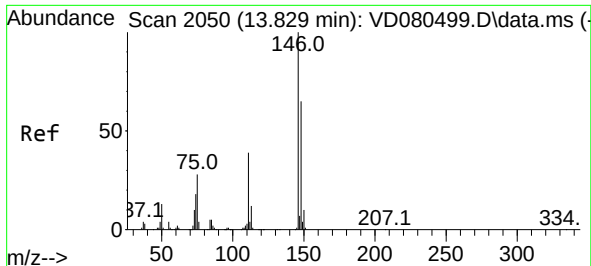
Tgt Ion: 91 Resp: 401000
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.8
134 25.5 12.4 37.2



#90
Hexachloroethane
Concen: 20.452 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion: 117 Resp: 81630
Ion Ratio Lower Upper
117 100
201 68.5 34.6 103.8

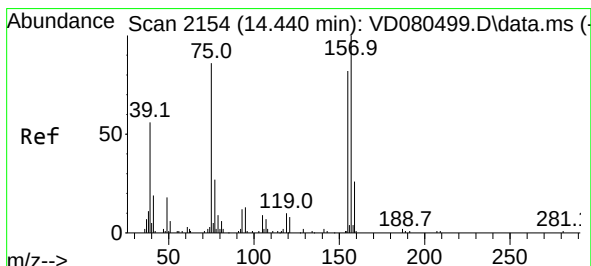
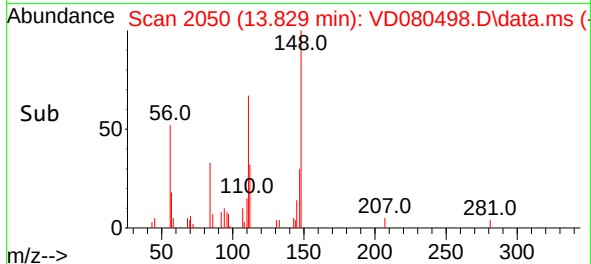
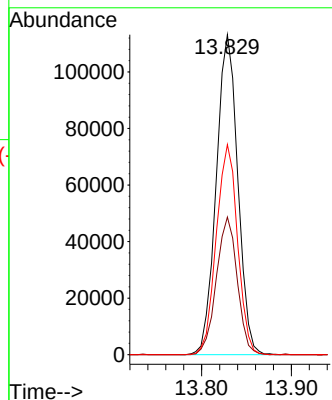
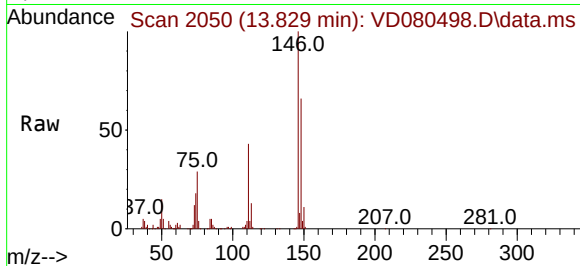




#91
 1,2-Dichlorobenzene
 Concen: 20.257 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

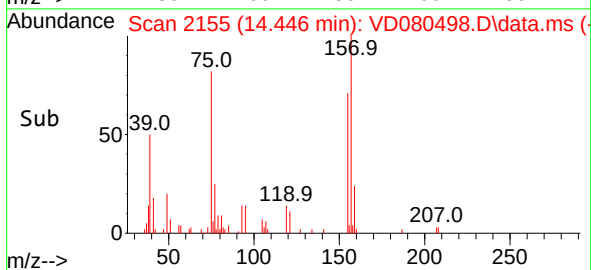
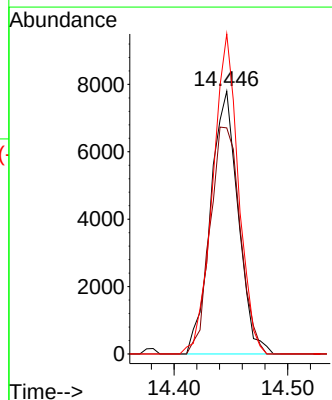
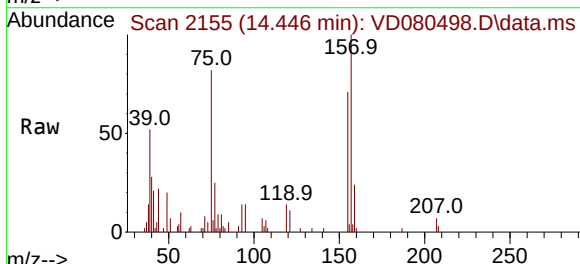
Instrument :
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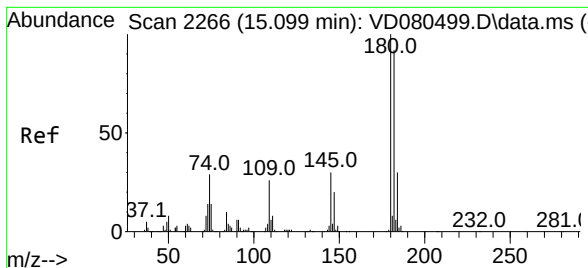
Tgt Ion:146 Resp: 188519
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.7 62.1
 148 64.7 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.112 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

Tgt Ion: 75 Resp: 13155
 Ion Ratio Lower Upper
 75 100
 155 93.7 47.5 142.6
 157 113.4 56.8 170.3

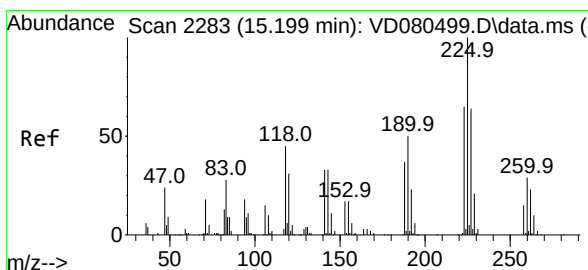
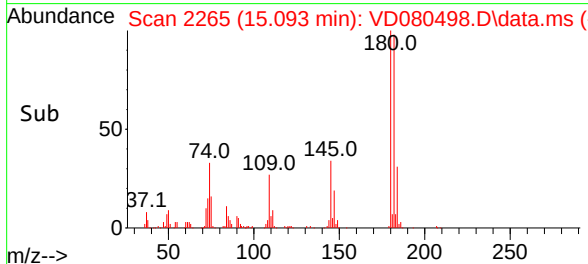
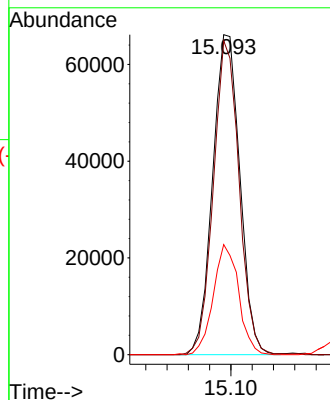
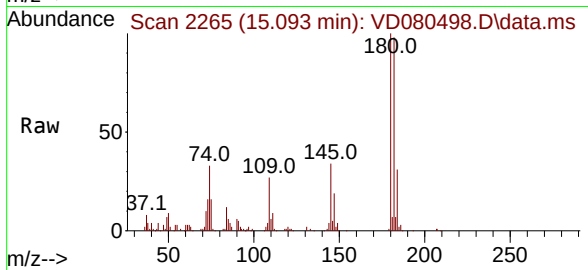




#93
 1,2,4-Trichlorobenzene
 Concen: 20.087 ug/l
 RT: 15.093 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

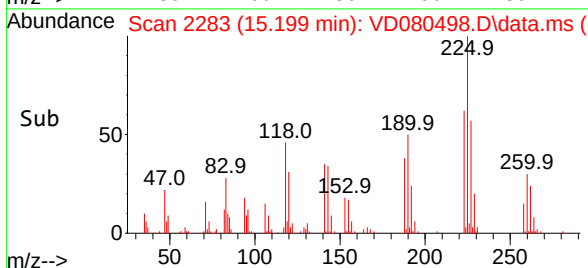
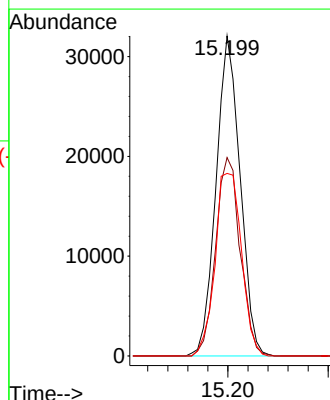
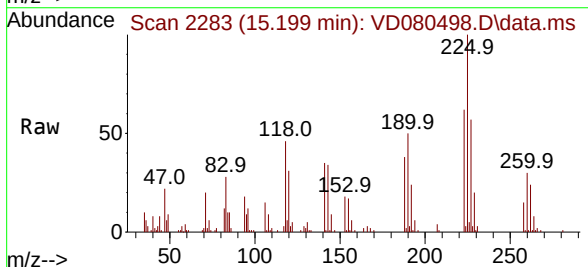
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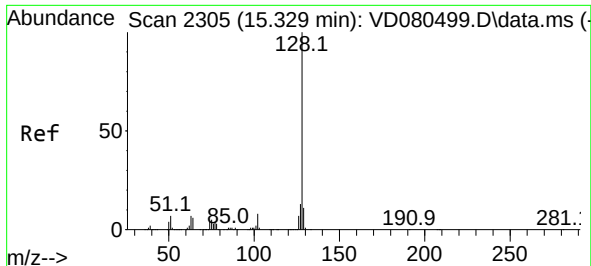
Tgt Ion:180 Resp: 117126
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.5 142.5
 145 32.1 15.7 47.0



#94
 Hexachlorobutadiene
 Concen: 20.144 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: VD080498.D
 Acq: 27 Aug 2025 11:05

Tgt Ion:225 Resp: 53387
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.9 95.7
 227 62.7 32.0 96.2

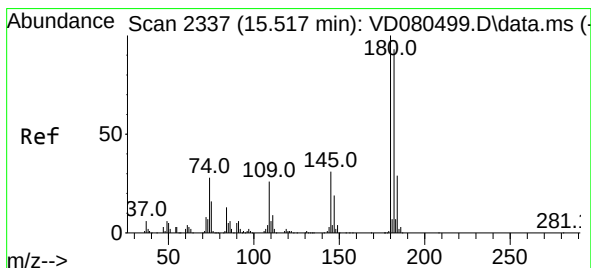
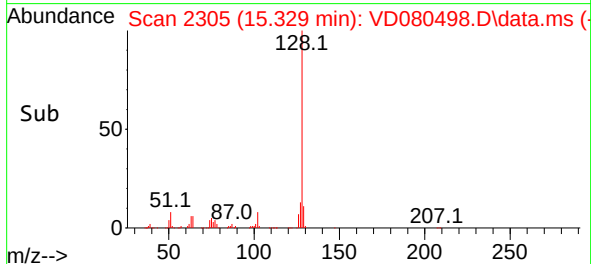
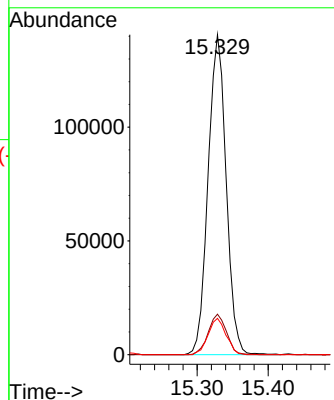
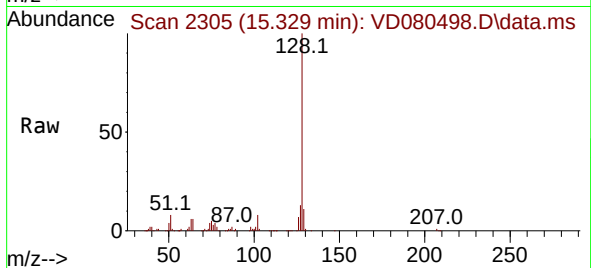




#95
Naphthalene
Concen: 20.058 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 248790
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 11.4 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 20.127 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080498.D
Acq: 27 Aug 2025 11:05

Tgt Ion:180 Resp: 100464
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 33.2 16.2 48.5

