

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080474.D
 Acq On : 26 Jun 2025 10:55
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 27 04:59:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 04:51:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	498650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	919289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	793025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	358620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	100063	20.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.940%#
35) Dibromofluoromethane	7.806	113	107578	20.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.800%#
50) Toluene-d8	10.270	98	429340	20.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	41.300%#
62) 4-Bromofluorobenzene	12.570	95	143740	21.080	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.160%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	88336	19.927	ug/l	99
3) Chloromethane	2.147	50	123541	19.955	ug/l	99
4) Vinyl Chloride	2.288	62	123098	19.600	ug/l	99
5) Bromomethane	2.682	94	66031	19.023	ug/l	96
6) Chloroethane	2.835	64	76294	19.354	ug/l	95
7) Trichlorofluoromethane	3.176	101	155434	19.673	ug/l	99
8) Diethyl Ether	3.594	74	58389	18.985	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.959	101	102041	19.523	ug/l	99
10) Methyl Iodide	4.165	142	115140	18.707	ug/l	99
11) Tert butyl alcohol	5.041	59	38402	96.479	ug/l	98
12) 1,1-Dichloroethene	3.941	96	109509	19.405	ug/l	94
13) Acrolein	3.794	56	48487	89.391	ug/l	97
14) Allyl chloride	4.559	41	191776	19.407	ug/l	99
15) Acrylonitrile	5.247	53	142458	97.356	ug/l	99
16) Acetone	4.018	43	135398	107.199	ug/l	97
17) Carbon Disulfide	4.270	76	339008	19.022	ug/l	99
18) Methyl Acetate	4.559	43	77320	20.125	ug/l	99
19) Methyl tert-butyl Ether	5.312	73	275433	19.639	ug/l	100
20) Methylene Chloride	4.800	84	148306	19.412	ug/l	98
21) trans-1,2-Dichloroethene	5.312	96	121639	19.324	ug/l	94
22) Diisopropyl ether	6.212	45	377313	19.775	ug/l	96
23) Vinyl Acetate	6.153	43	1049396	96.524	ug/l	99
24) 1,1-Dichloroethane	6.112	63	219852	19.638	ug/l	98
25) 2-Butanone	7.082	43	188406	101.631	ug/l	99
26) 2,2-Dichloropropane	7.076	77	172556	19.477	ug/l	98
27) cis-1,2-Dichloroethene	7.076	96	147380	19.585	ug/l	99
28) Bromochloromethane	7.429	49	90196	20.436	ug/l	98
29) Tetrahydrofuran	7.441	42	112571	96.387	ug/l	99
30) Chloroform	7.594	83	211317	19.719	ug/l	98
31) Cyclohexane	7.876	56	209156	19.281	ug/l	96
32) 1,1,1-Trichloroethane	7.794	97	176440	19.692	ug/l	99
36) 1,1-Dichloropropene	8.011	75	154743	19.248	ug/l	99
37) Ethyl Acetate	7.164	43	75206	19.309	ug/l	97
38) Carbon Tetrachloride	7.988	117	149574	19.473	ug/l	99
39) Methylcyclohexane	9.270	83	211384	19.097	ug/l	97
40) Benzene	8.253	78	504439	19.549	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	48023	19.230	ug/l	97
42) 1,2-Dichloroethane	8.323	62	117525	19.361	ug/l	100
43) Isopropyl Acetate	8.358	43	148882	19.361	ug/l	100
44) Trichloroethene	9.029	130	118828	19.002	ug/l	100
45) 1,2-Dichloropropane	9.305	63	122191	19.526	ug/l	94
46) Dibromomethane	9.394	93	64168	19.231	ug/l	100
47) Bromodichloromethane	9.582	83	160400	19.391	ug/l	98
48) Methyl methacrylate	9.382	41	74919	19.259	ug/l	98
49) 1,4-Dioxane	9.382	88	16027	370.268	ug/l	95
51) 4-Methyl-2-Pentanone	10.158	43	376146	96.323	ug/l	100
52) Toluene	10.335	92	313140	19.416	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	163506	19.735	ug/l	94
54) cis-1,3-Dichloropropene	10.017	75	194077	19.499	ug/l	100
55) 1,1,2-Trichloroethane	10.729	97	88342	19.422	ug/l	97
56) Ethyl methacrylate	10.594	69	125573	19.341	ug/l	98
57) 1,3-Dichloropropane	10.876	76	155414	19.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	245161	98.872	ug/l	98
59) 2-Hexanone	10.917	43	269998	97.691	ug/l	98
60) Dibromochloromethane	11.070	129	108128	19.260	ug/l	98
61) 1,2-Dibromoethane	11.176	107	84852	19.511	ug/l	99
64) Tetrachloroethene	10.805	164	95230	19.348	ug/l	97
65) Chlorobenzene	11.605	112	333823	19.518	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.676	131	105703	19.664	ug/l	99
67) Ethyl Benzene	11.682	91	584743	19.547	ug/l	100
68) m/p-Xylenes	11.794	106	446764	39.219	ug/l	99
69) o-Xylene	12.117	106	214497	19.513	ug/l	100
70) Styrene	12.135	104	369689	19.883	ug/l	99
71) Bromoform	12.299	173	59164	19.326	ug/l #	99
73) Isopropylbenzene	12.417	105	544844	19.544	ug/l	100
74) N-amyl acetate	12.229	43	139860	19.160	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	101744	19.600	ug/l	97
76) 1,2,3-Trichloropropane	12.717	75	128469	41.815	ug/l #	100
77) Bromobenzene	12.699	156	121664	19.515	ug/l	99
78) n-propylbenzene	12.758	91	659373	19.648	ug/l	100
79) 2-Chlorotoluene	12.846	91	377407	19.554	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	442593	19.578	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	38258	18.649	ug/l	96
82) 4-Chlorotoluene	12.946	91	387058	19.524	ug/l	99
83) tert-Butylbenzene	13.164	119	385182	19.480	ug/l	98
84) 1,2,4-Trimethylbenzene	13.205	105	440340	19.510	ug/l	99
85) sec-Butylbenzene	13.341	105	568685	19.472	ug/l	100
86) p-Isopropyltoluene	13.458	119	467672	19.350	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	233885	19.397	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	233431	19.395	ug/l	98
89) n-Butylbenzene	13.782	91	448718	19.344	ug/l	100
90) Hexachloroethane	14.052	117	89677	19.205	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	207566	19.557	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.446	75	15017	19.181	ug/l	96
93) 1,2,4-Trichlorobenzene	15.093	180	126296	18.992	ug/l	97
94) Hexachlorobutadiene	15.199	225	59804	19.481	ug/l	97
95) Naphthalene	15.329	128	279933	18.945	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	107861	18.863	ug/l	97

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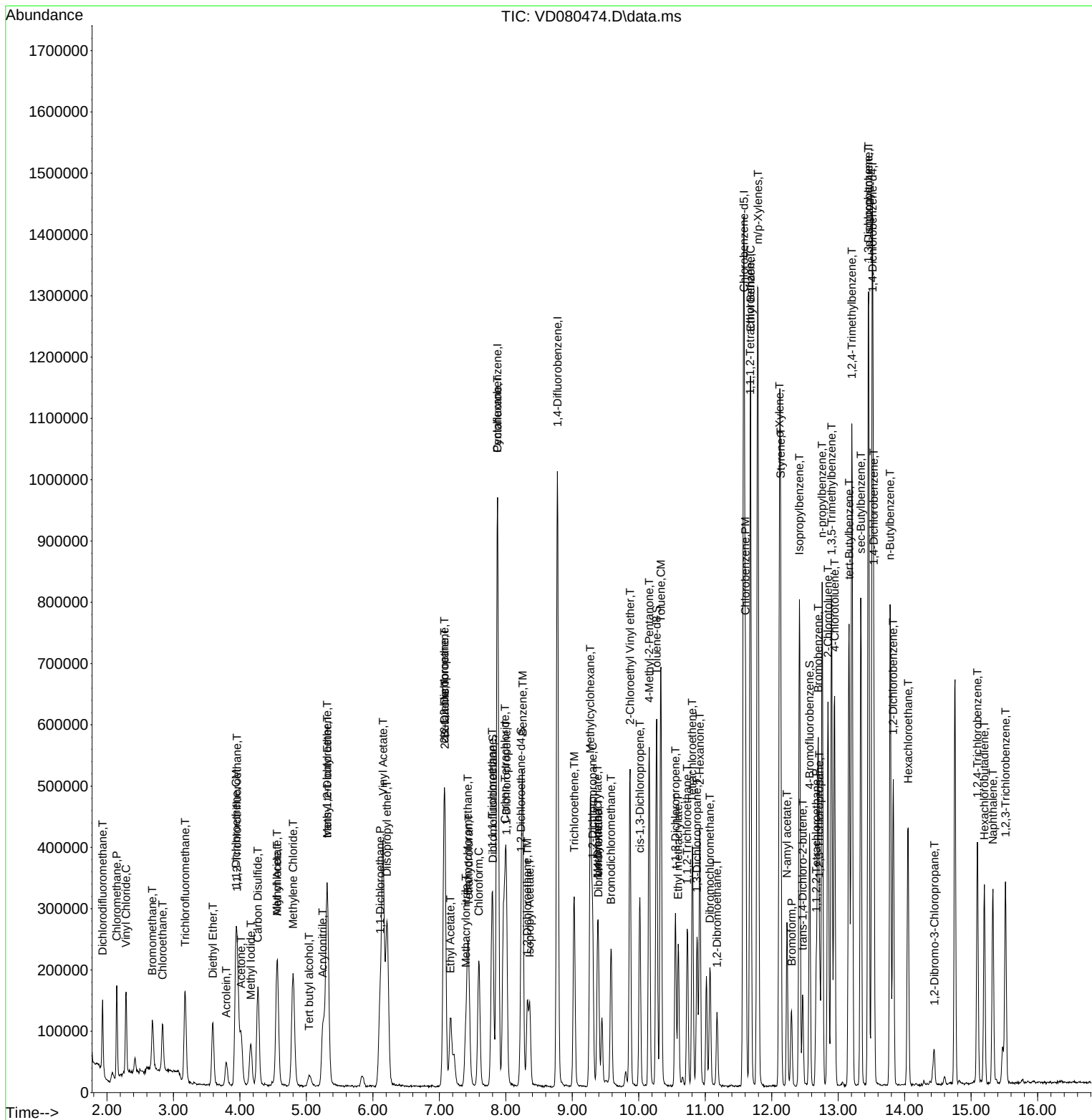
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MSVOA_D
ClientSampleId :
VSTDICC020

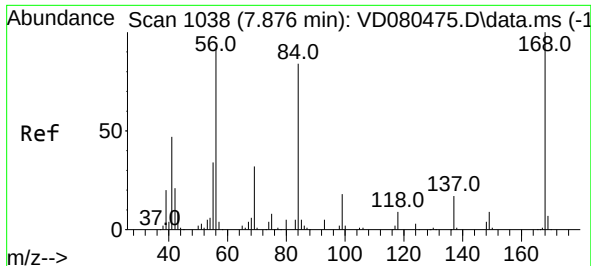
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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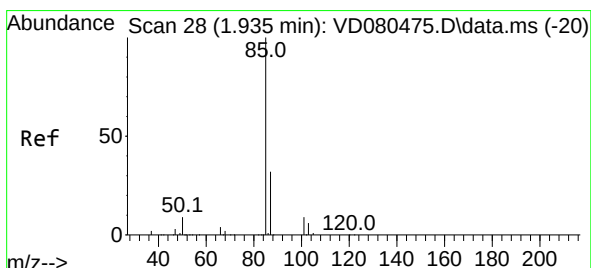
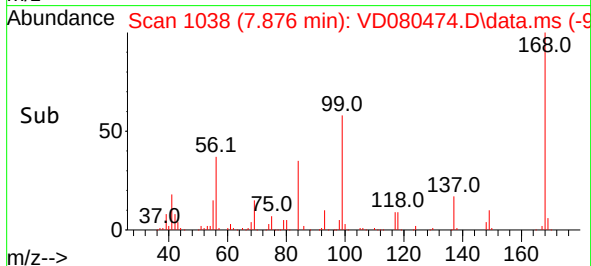
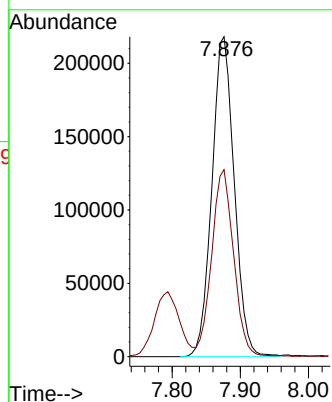
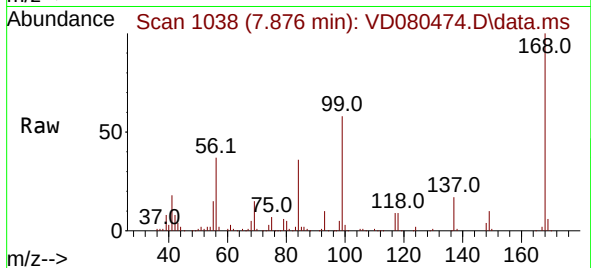




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080474.D
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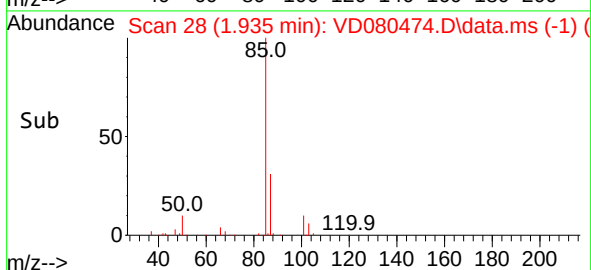
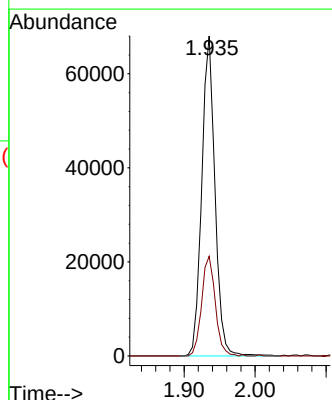
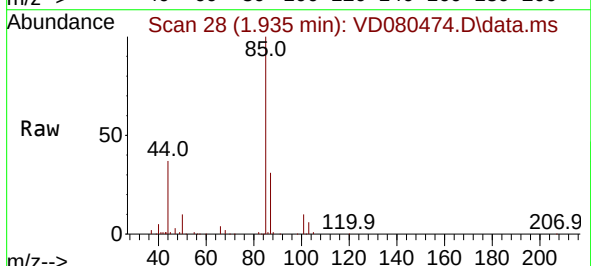
Instrument :
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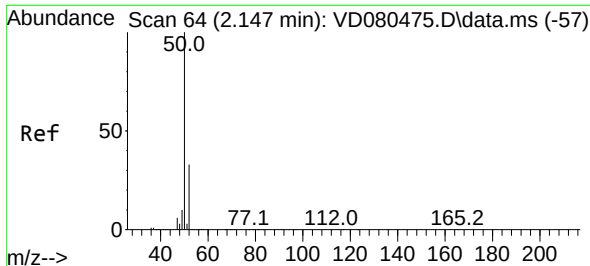
Tgt Ion:168 Resp: 498650
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 19.927 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 85 Resp: 88336
Ion Ratio Lower Upper
85 100
87 31.2 16.0 47.9

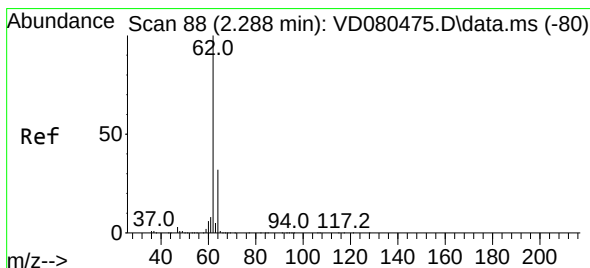
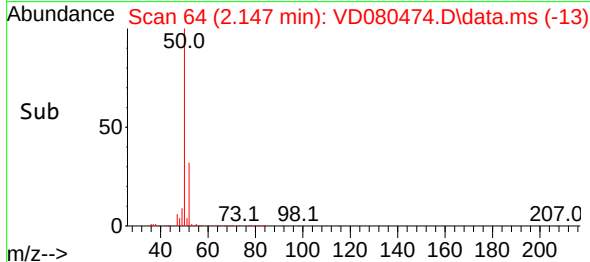
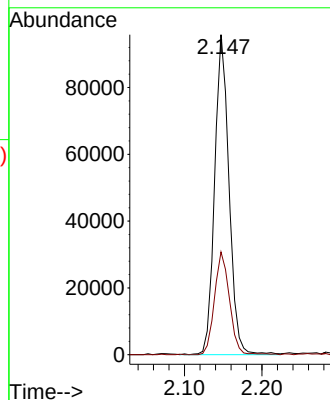
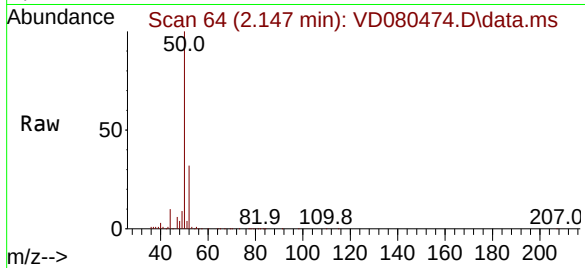




#3
Chloromethane
Concen: 19.955 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

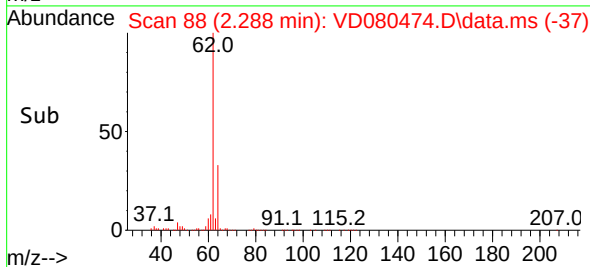
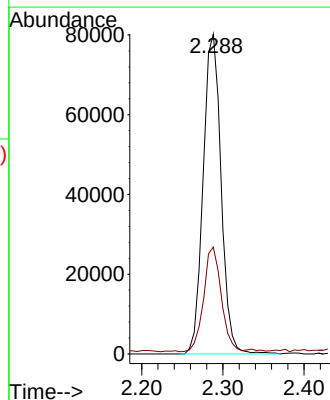
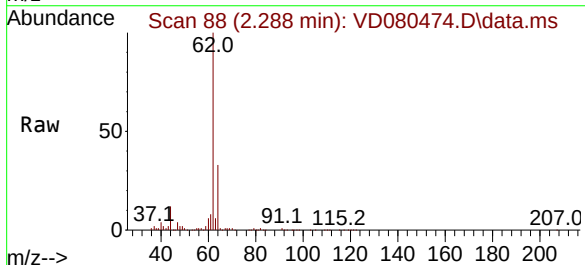
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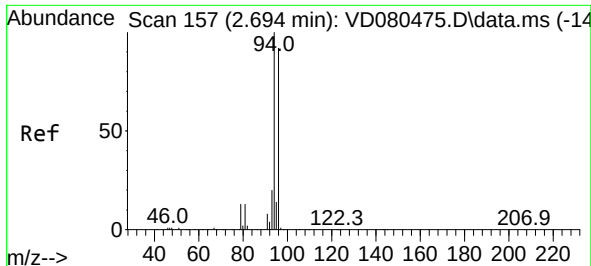
Tgt Ion: 50 Resp: 123541
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1



#4
Vinyl Chloride
Concen: 19.600 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 62 Resp: 123098
Ion Ratio Lower Upper
62 100
64 32.7 25.5 38.3

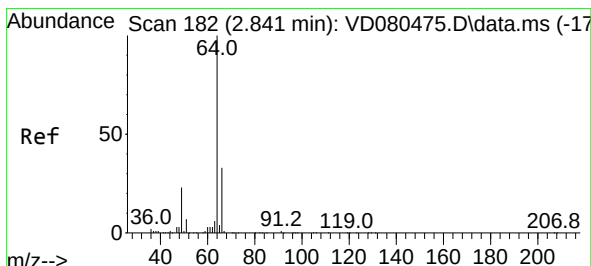
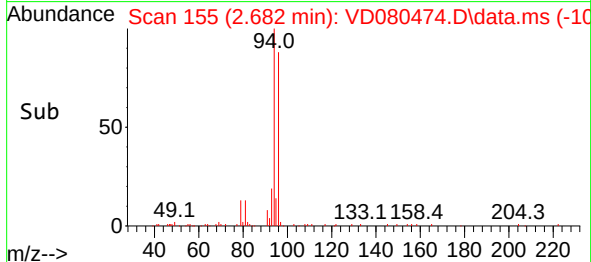
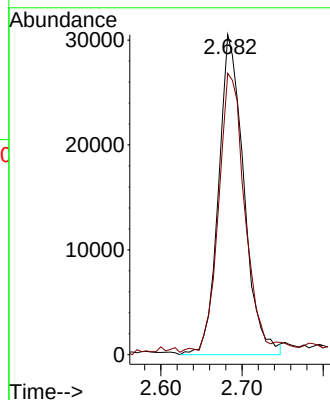
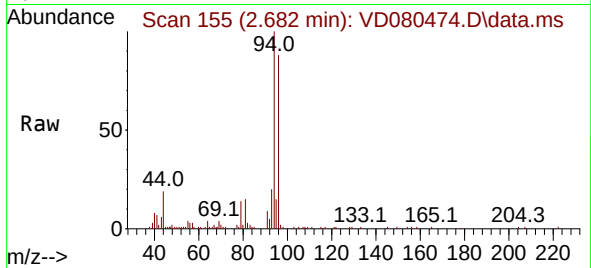




#5
Bromomethane
Concen: 19.023 ug/l
RT: 2.682 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

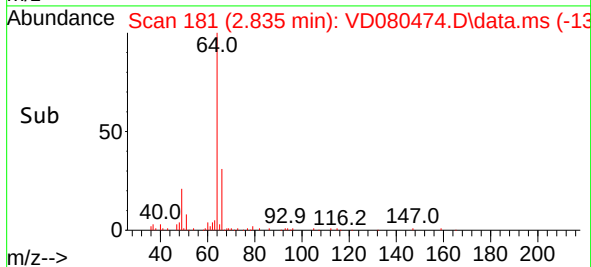
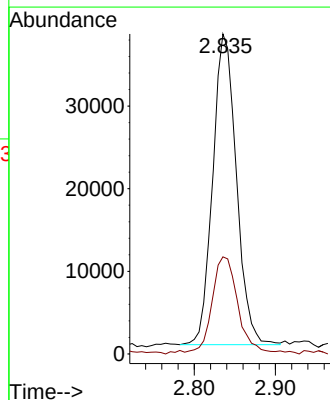
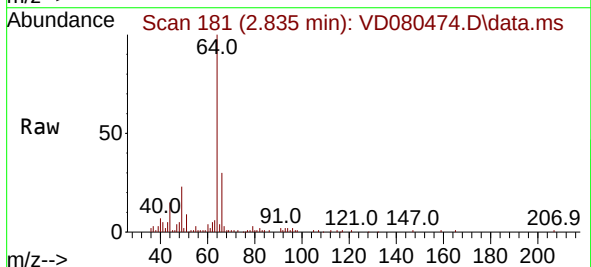
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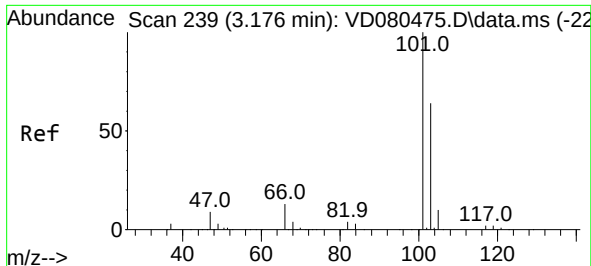
Tgt Ion: 94 Resp: 66031
Ion Ratio Lower Upper
94 100
96 89.6 74.8 112.2



#6
Chloroethane
Concen: 19.354 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 64 Resp: 76294
Ion Ratio Lower Upper
64 100
66 30.2 26.3 39.5

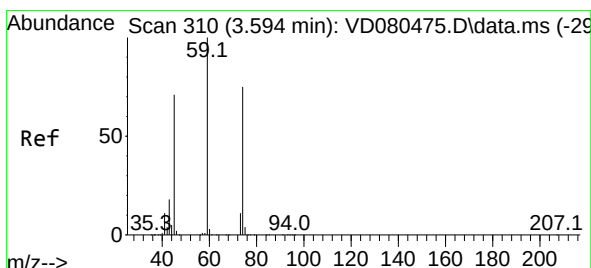
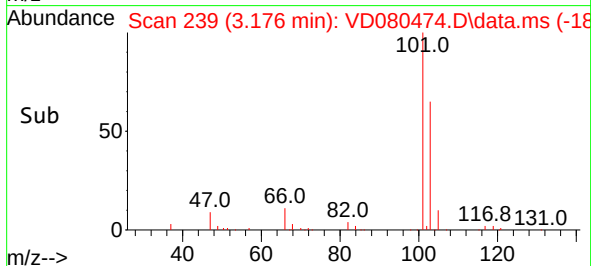
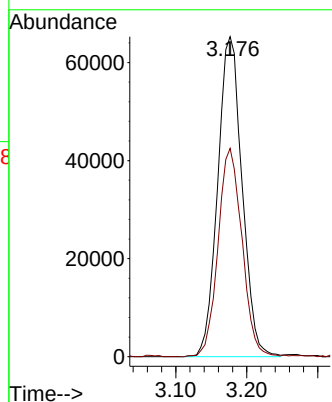
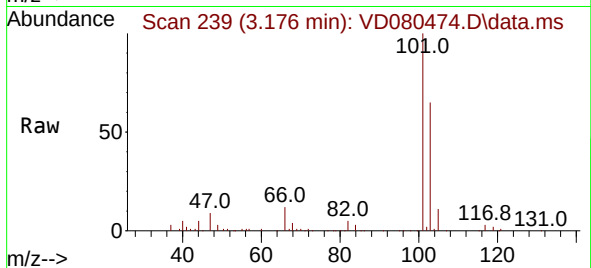




#7
 Trichlorofluoromethane
 Concen: 19.673 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

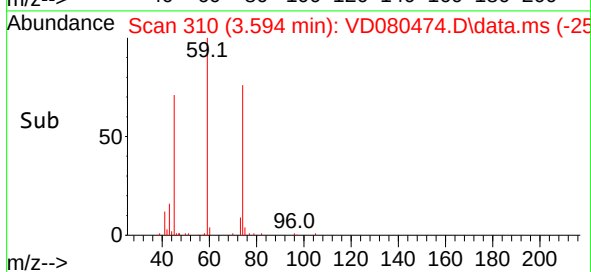
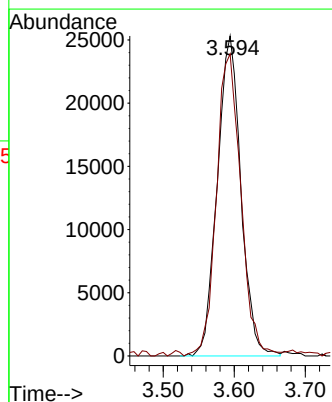
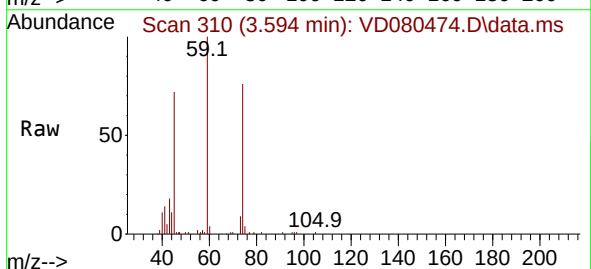
Instrument :
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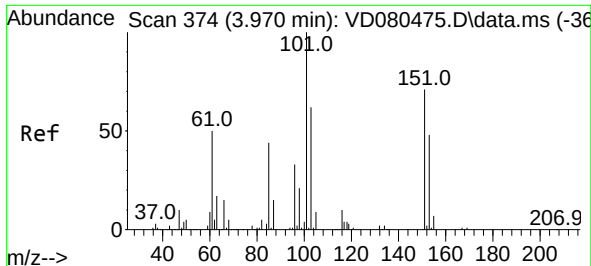
Tgt Ion:101 Resp: 155434
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.3 76.9



#8
 Diethyl Ether
 Concen: 18.985 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

Tgt Ion: 74 Resp: 58389
 Ion Ratio Lower Upper
 74 100
 45 97.5 46.6 139.8

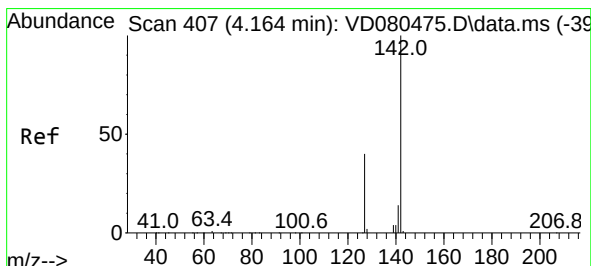
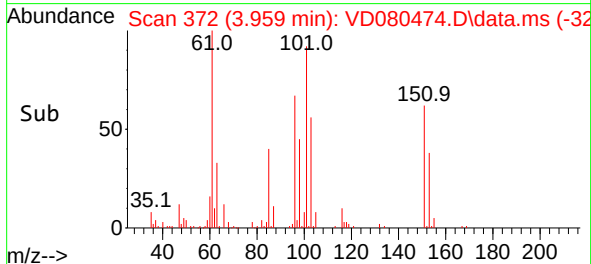
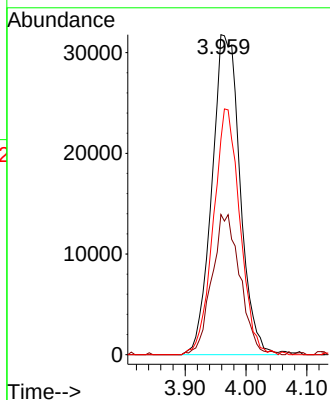
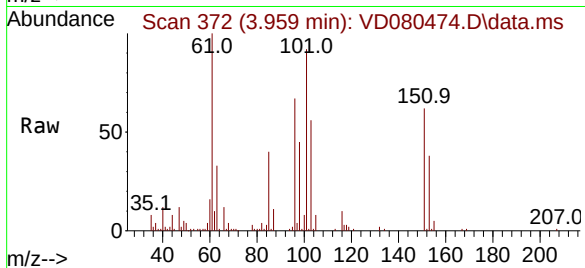




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.523 ug/l
RT: 3.959 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

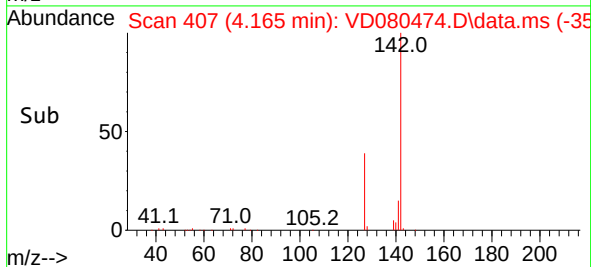
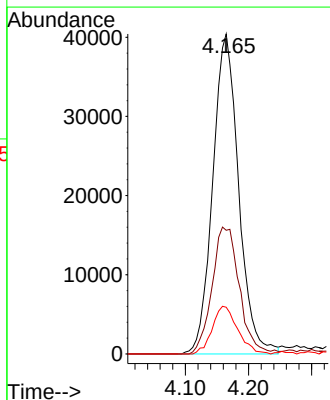
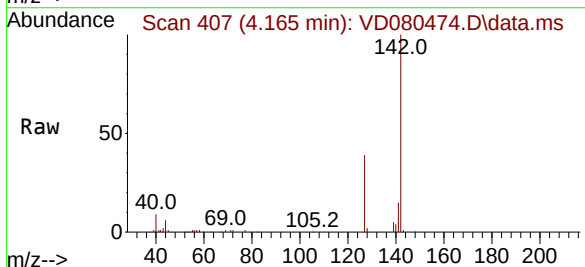
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

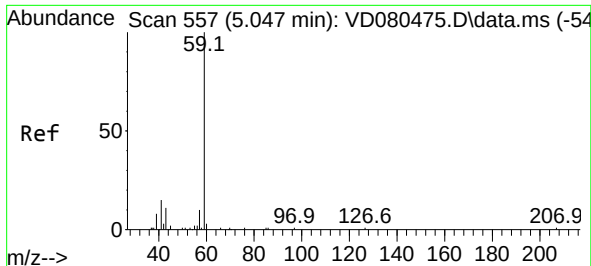
Tgt Ion:101 Resp: 102041
Ion Ratio Lower Upper
101 100
85 44.1 34.0 51.0
151 72.6 58.4 87.6



#10
Methyl Iodide
Concen: 18.707 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion:142 Resp: 115140
Ion Ratio Lower Upper
142 100
127 41.6 32.6 49.0
141 14.6 11.1 16.7

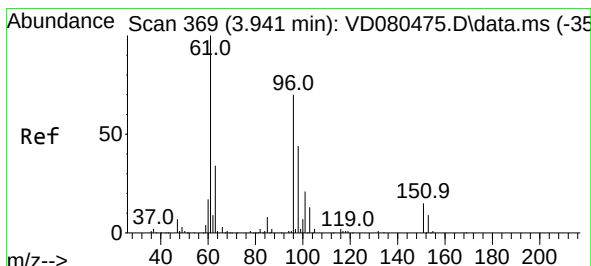
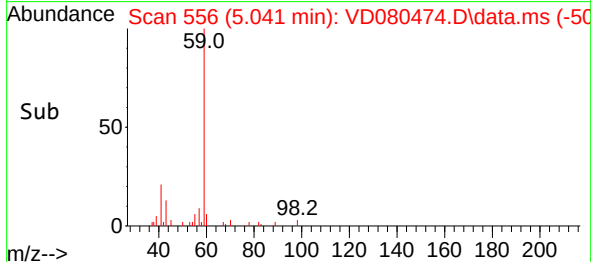
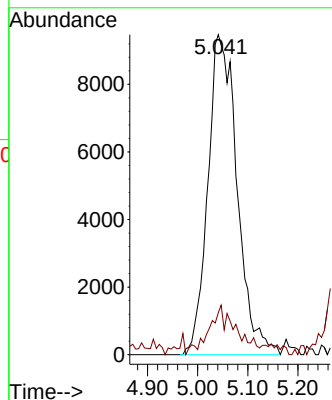
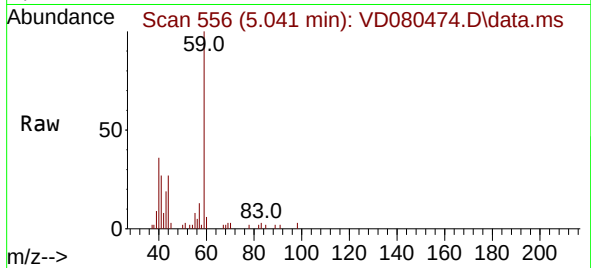




#11
Tert butyl alcohol
Concen: 96.479 ug/l
RT: 5.041 min Scan# 511
Delta R.T. -0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

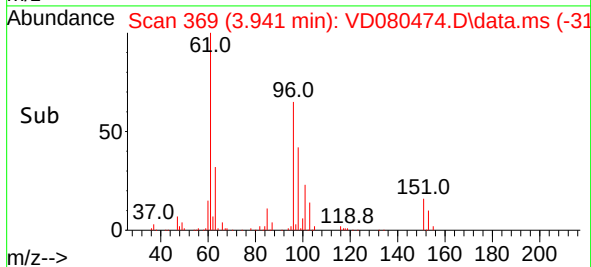
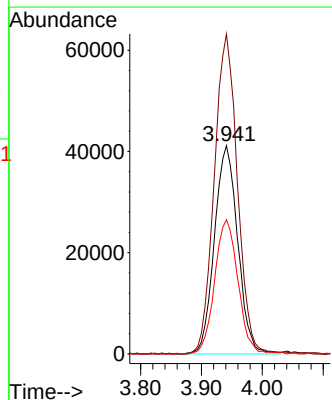
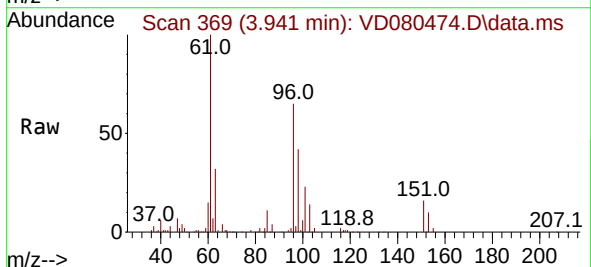
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

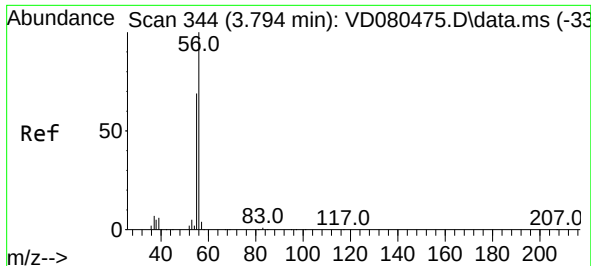
Tgt Ion: 59 Resp: 38402
Ion Ratio Lower Upper
59 100
57 11.6 8.8 13.2



#12
1,1-Dichloroethene
Concen: 19.405 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 96 Resp: 109509
Ion Ratio Lower Upper
96 100
61 153.7 114.9 172.3
98 64.5 50.5 75.7

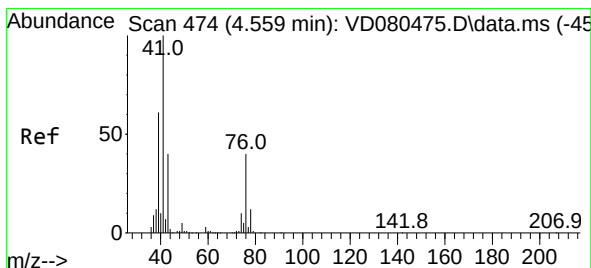
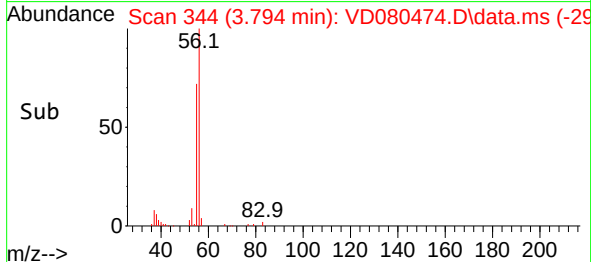
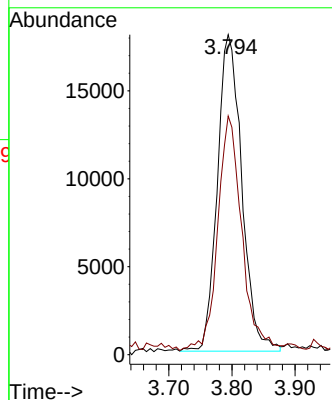
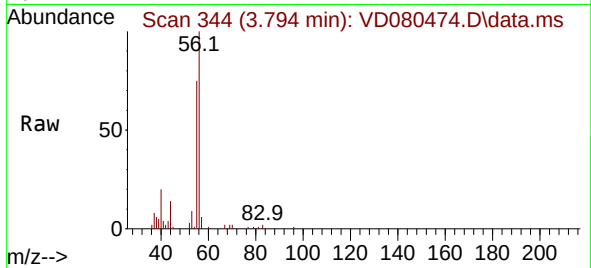




#13
Acrolein
Concen: 89.391 ug/l
RT: 3.794 min Scan# 344
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

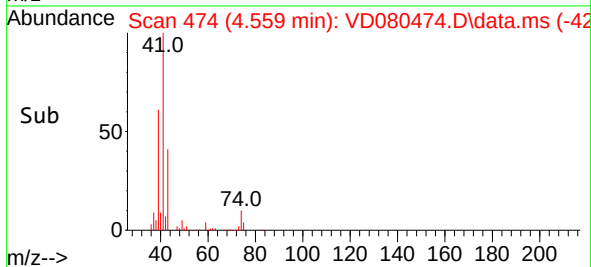
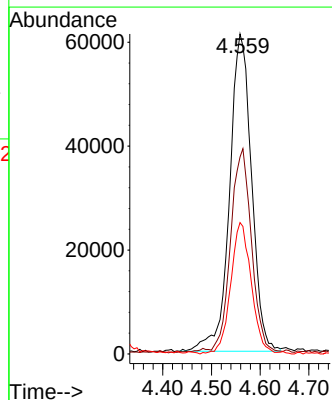
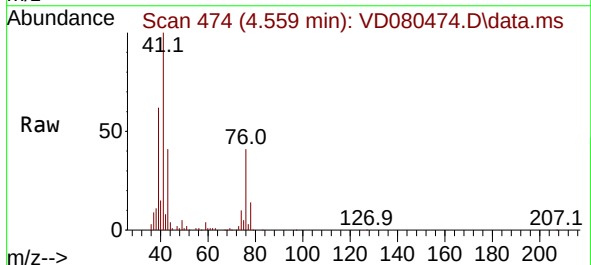
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

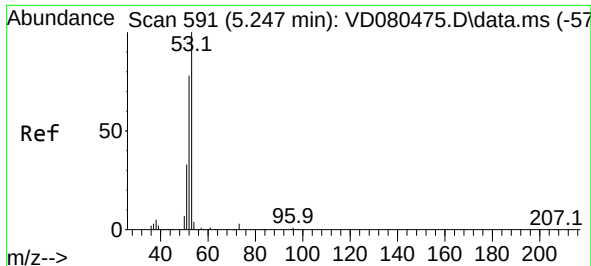
Tgt Ion: 56 Resp: 48487
Ion Ratio Lower Upper
56 100
55 73.0 56.2 84.2



#14
Allyl chloride
Concen: 19.407 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 41 Resp: 191776
Ion Ratio Lower Upper
41 100
39 60.2 47.4 71.2
76 38.8 30.5 45.7

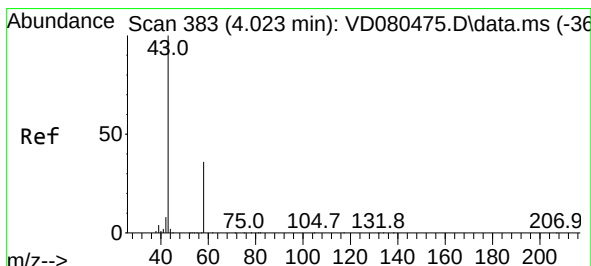
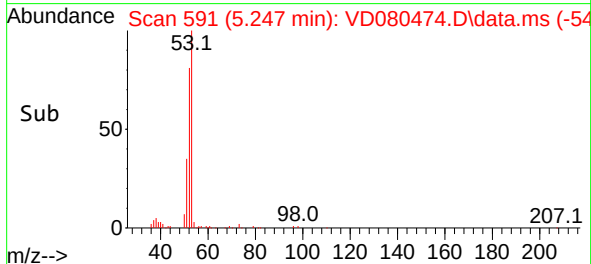
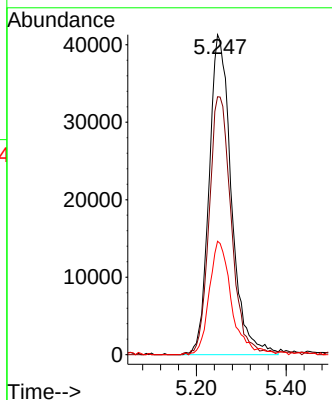
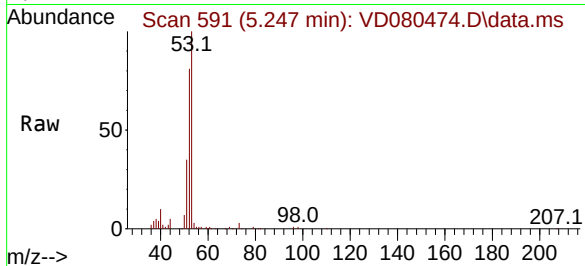




#15
Acrylonitrile
Concen: 97.356 ug/l
RT: 5.247 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

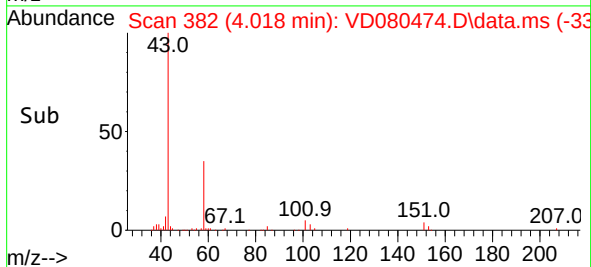
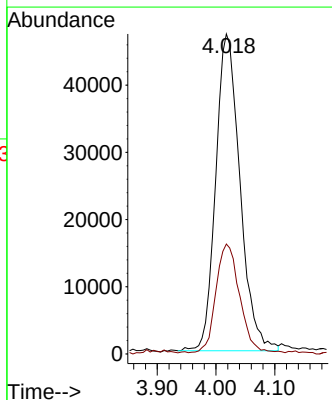
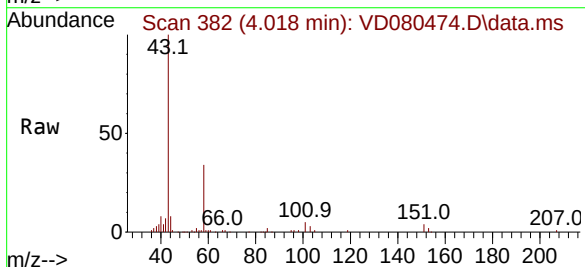
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

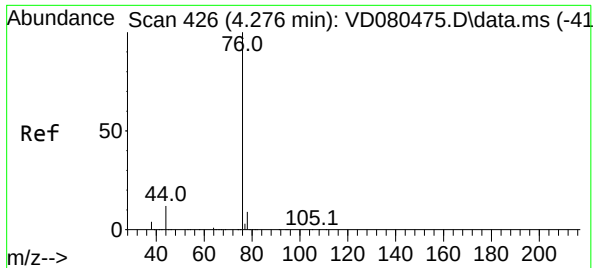
Tgt Ion: 53 Resp: 142458
Ion Ratio Lower Upper
53 100
52 79.6 64.7 97.1
51 34.6 27.9 41.9



#16
Acetone
Concen: 107.199 ug/l
RT: 4.018 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 43 Resp: 135398
Ion Ratio Lower Upper
43 100
58 34.3 29.0 43.4

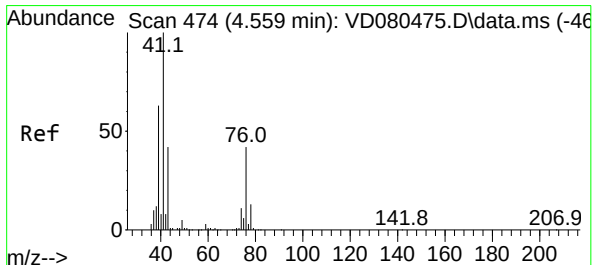
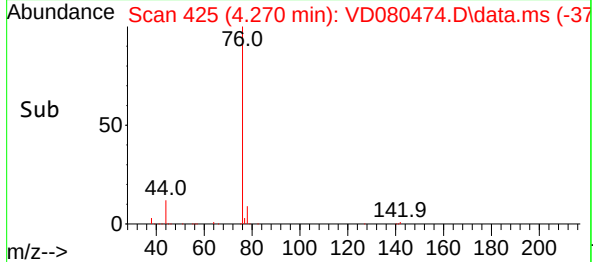
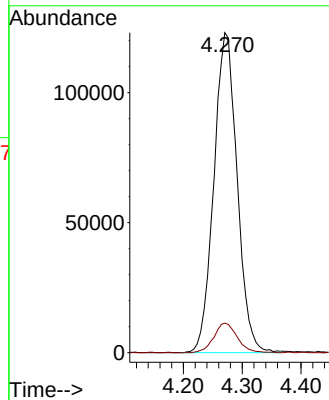
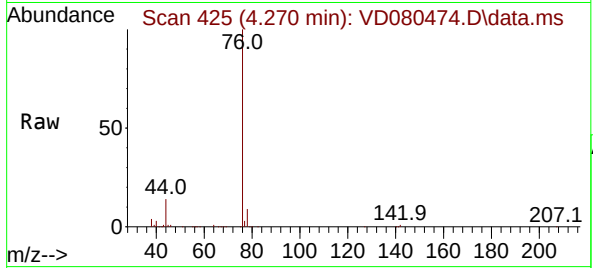




#17
Carbon Disulfide
Concen: 19.022 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

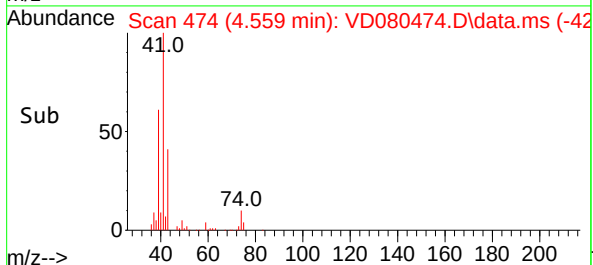
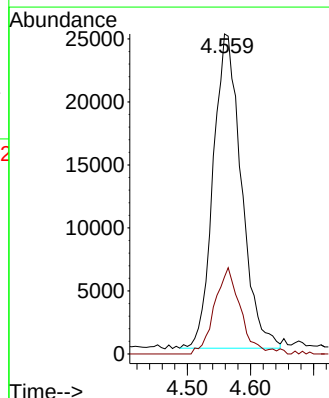
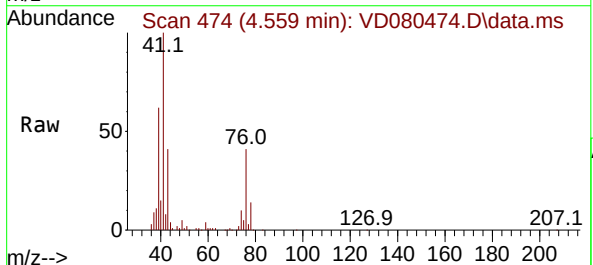
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

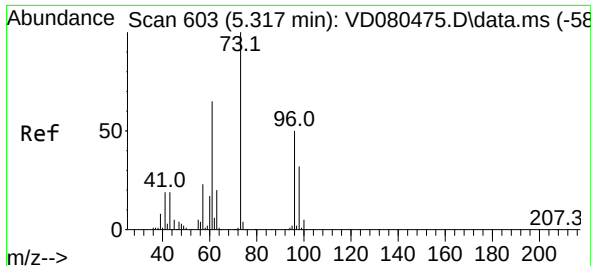
Tgt Ion: 76 Resp: 339008
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 20.125 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 43 Resp: 77320
Ion Ratio Lower Upper
43 100
74 24.9 20.4 30.6

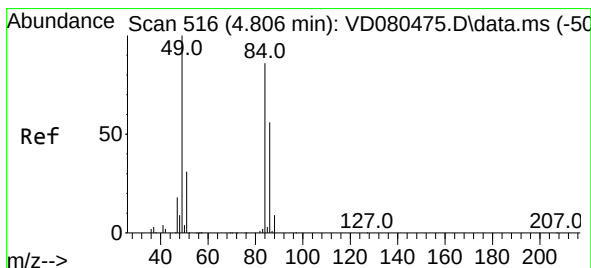
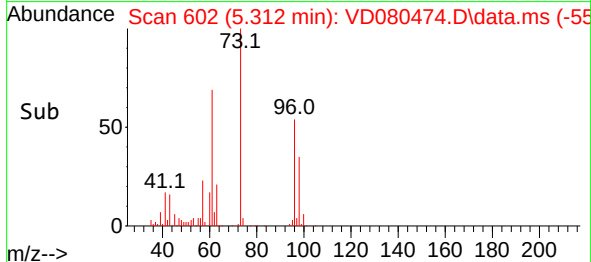
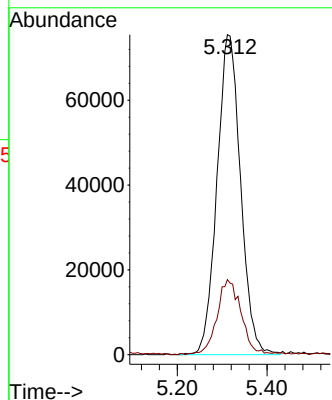
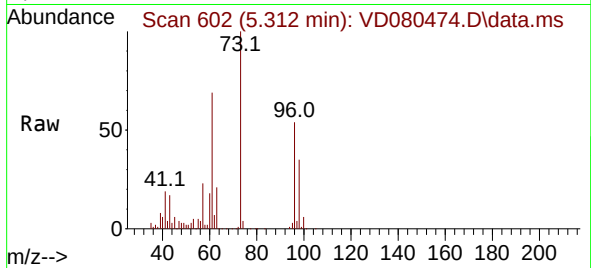




#19
Methyl tert-butyl Ether
Concen: 19.639 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

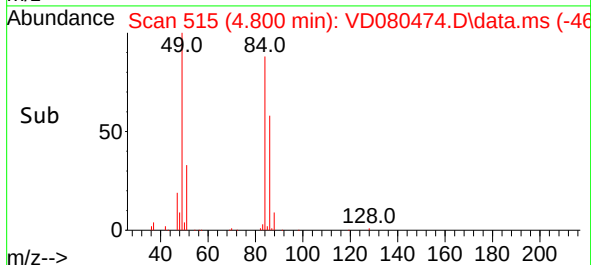
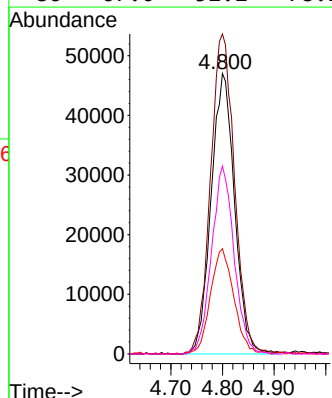
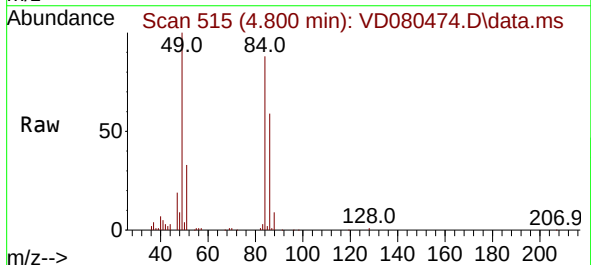
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

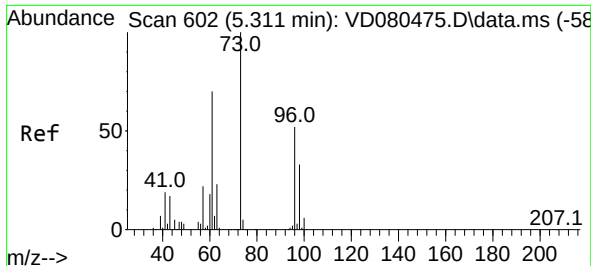
Tgt Ion: 73 Resp: 275433
Ion Ratio Lower Upper
73 100
57 23.1 18.5 27.7



#20
Methylene Chloride
Concen: 19.412 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 84 Resp: 148306
Ion Ratio Lower Upper
84 100
49 114.1 92.8 139.2
51 37.5 29.0 43.6
86 67.0 52.2 78.2

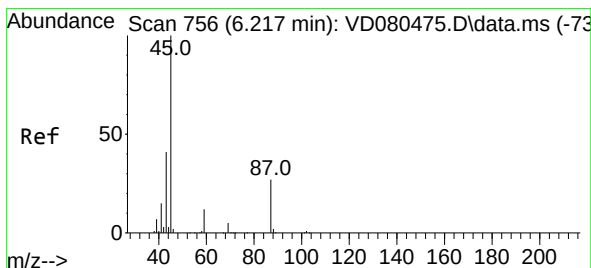
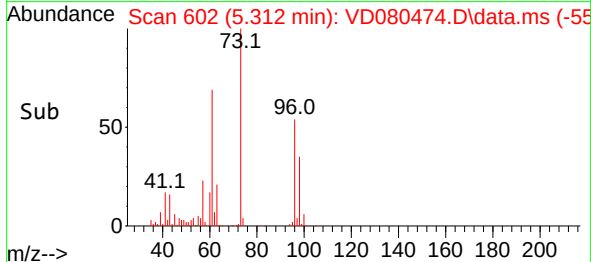
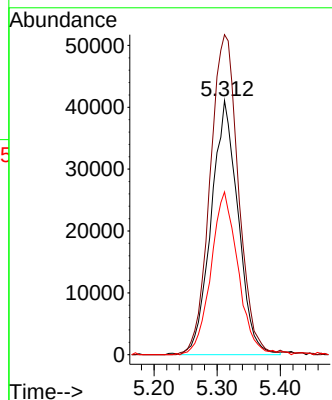
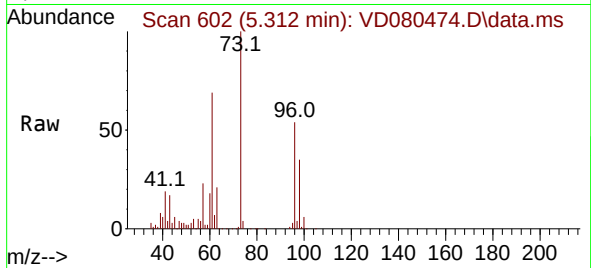




#21
trans-1,2-Dichloroethene
Concen: 19.324 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

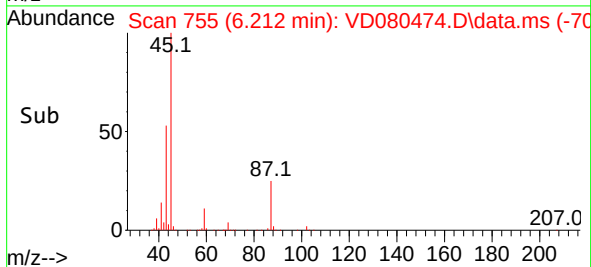
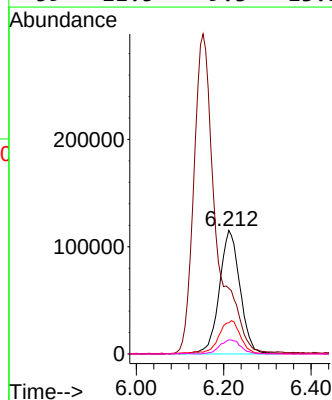
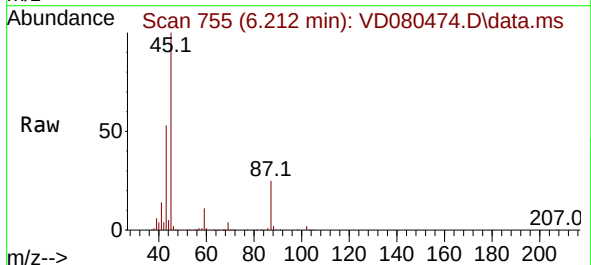
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

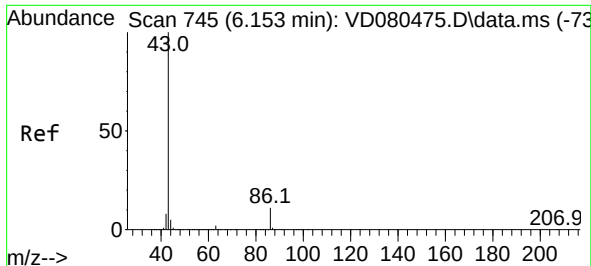
Tgt Ion: 96 Resp: 121639
Ion Ratio Lower Upper
96 100
61 125.1 108.6 163.0
98 64.0 51.5 77.3



#22
Diisopropyl ether
Concen: 19.775 ug/l
RT: 6.212 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 45 Resp: 377313
Ion Ratio Lower Upper
45 100
43 51.6 39.5 59.3
87 24.9 22.3 33.5
59 11.5 9.3 13.9

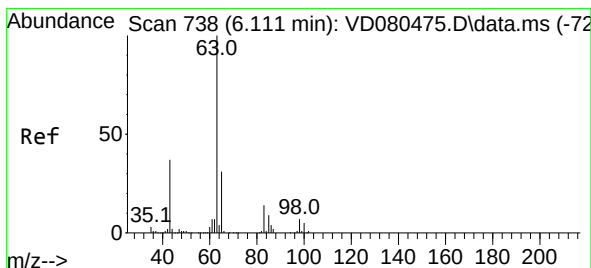
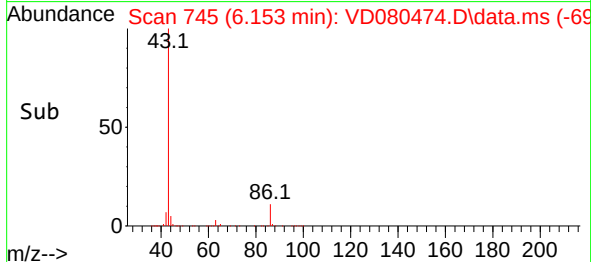
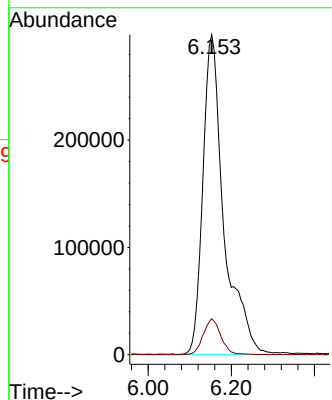
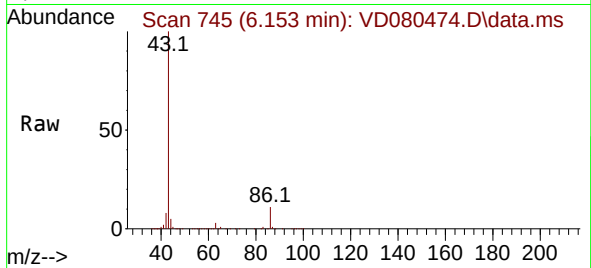




#23
 Vinyl Acetate
 Concen: 96.524 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

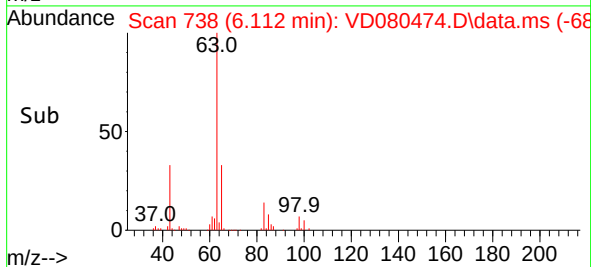
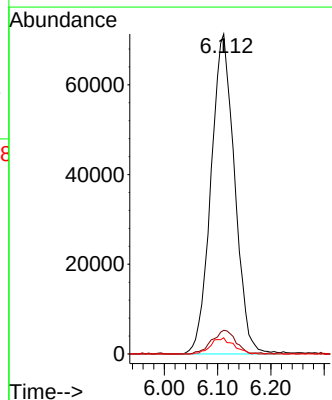
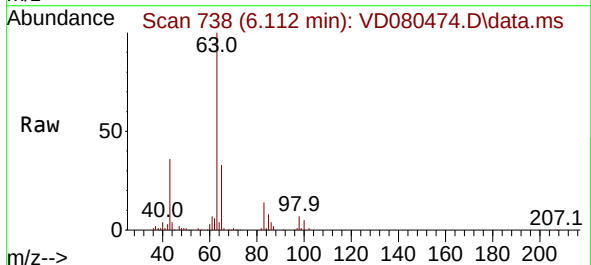
Instrument :
 MSVOA_D
 ClientSampleId :
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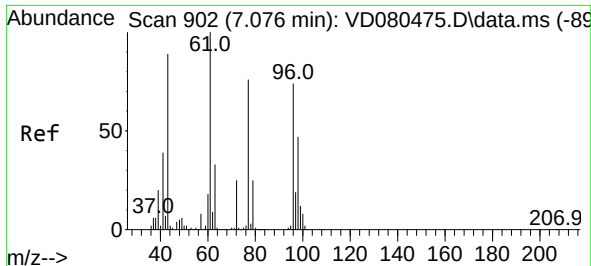
Tgt Ion: 43 Resp: 1049396
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.638 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

Tgt Ion: 63 Resp: 219852
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 5.0 2.5 7.4

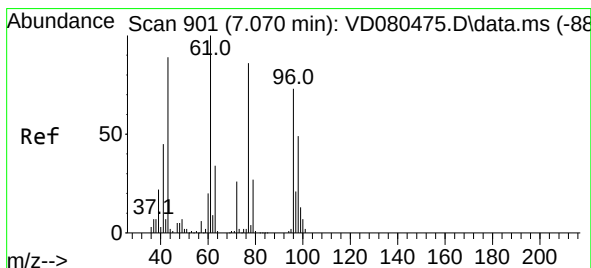
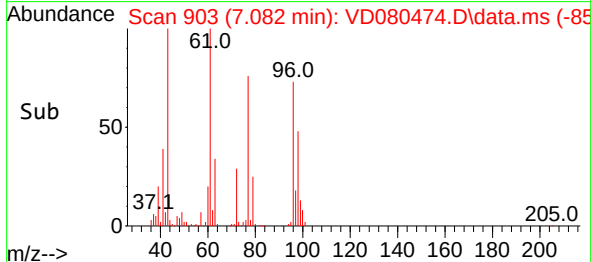
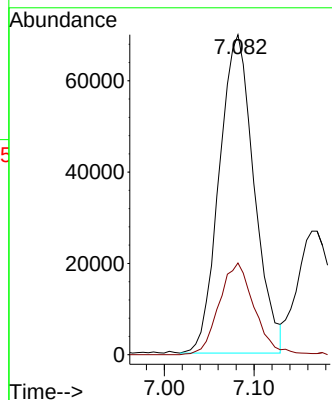
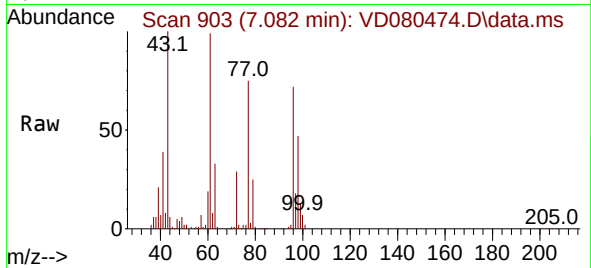




#25
2-Butanone
Concen: 101.631 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

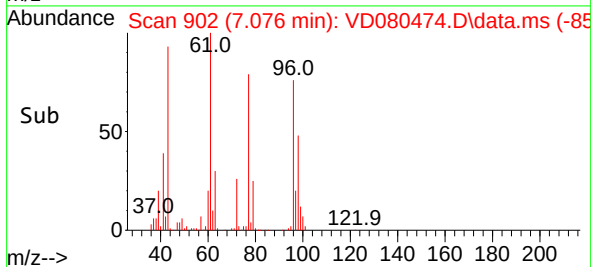
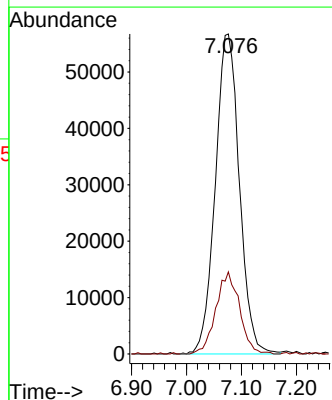
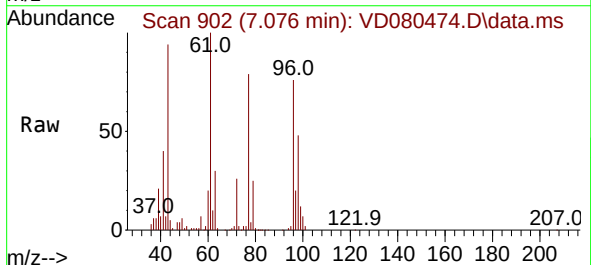
Instrument :
MSVOA_D
ClientSampleId :
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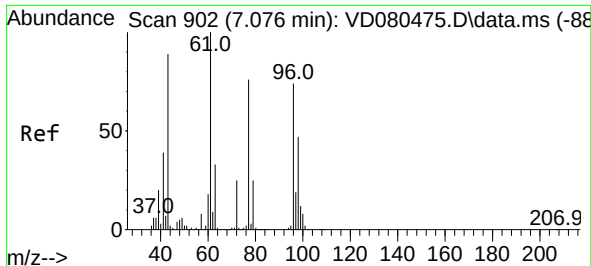
Tgt Ion: 43 Resp: 188406
Ion Ratio Lower Upper
43 100
72 28.8 22.8 34.2



#26
2,2-Dichloropropane
Concen: 19.477 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 77 Resp: 172556
Ion Ratio Lower Upper
77 100
97 25.2 12.2 36.6



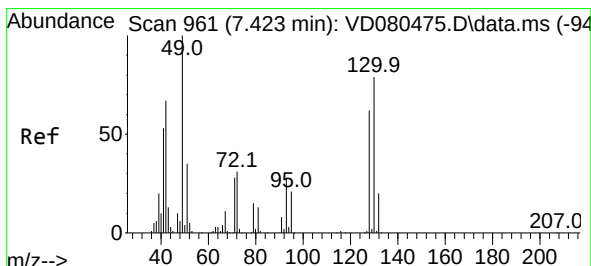
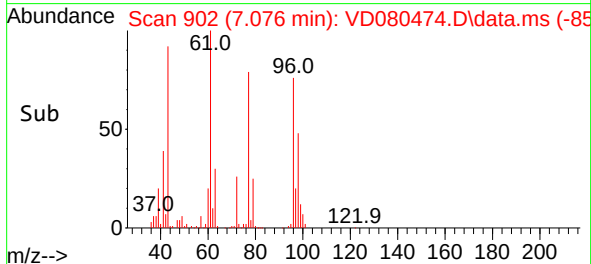
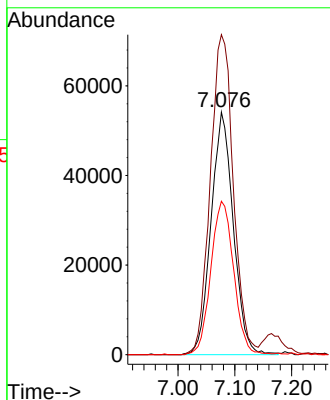
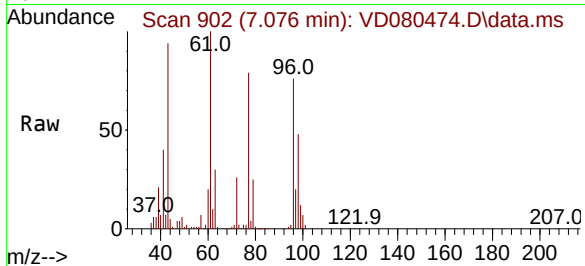


#27
 cis-1,2-Dichloroethene
 Concen: 19.585 ug/l
 RT: 7.076 min Scan# 901
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 147380

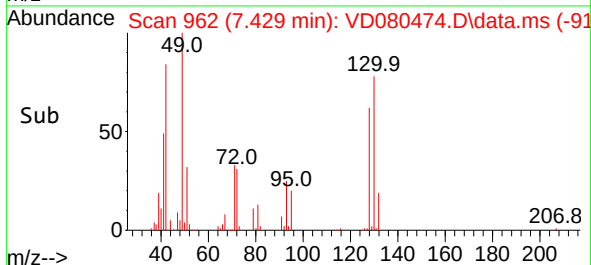
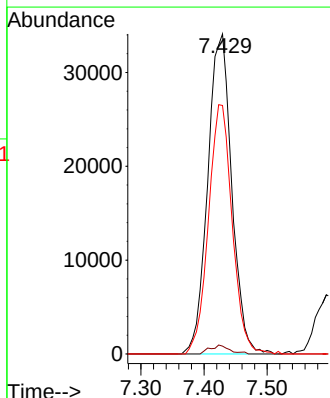
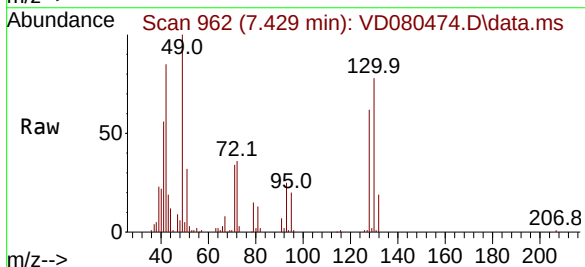
Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	274.6
98	64.9	0.0	128.0

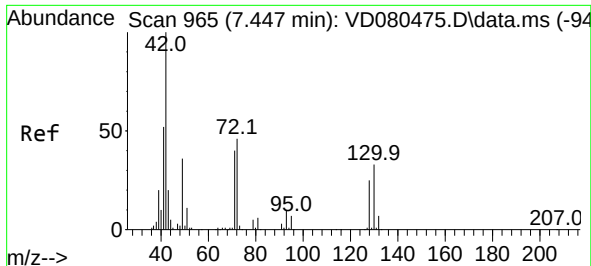


#28
 Bromochloromethane
 Concen: 20.436 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.006 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

Tgt Ion: 49 Resp: 90196

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	76.9	62.8	94.2





#29

Tetrahydrofuran

Concen: 96.387 ug/l

RT: 7.441 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

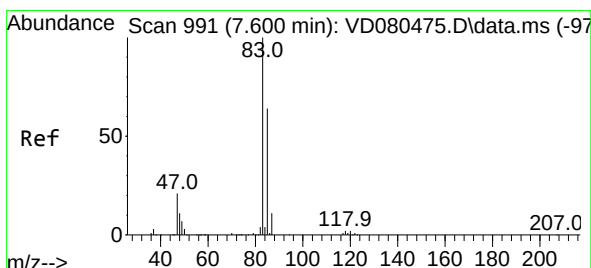
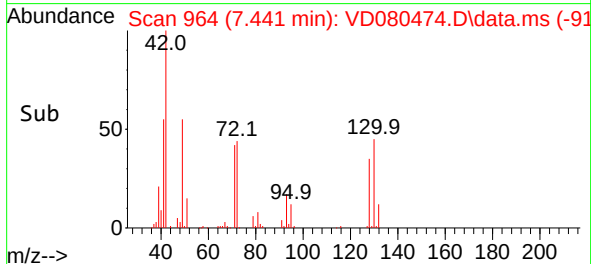
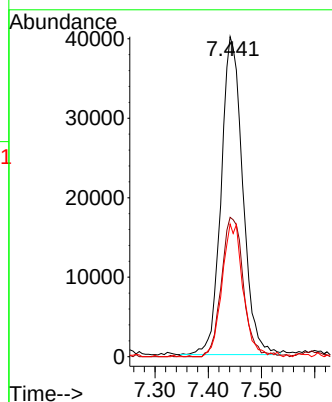
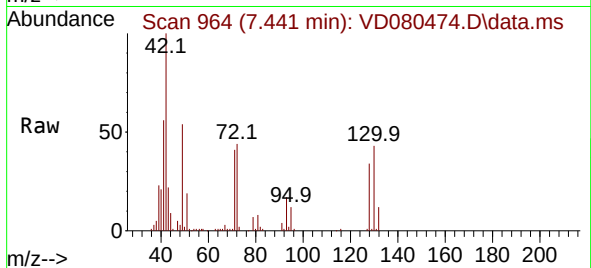
Tgt Ion: 42 Resp: 112571

Ion Ratio Lower Upper

42 100

72 44.8 35.9 53.9

71 40.7 33.2 49.8



#30

Chloroform

Concen: 19.719 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.006 min

Lab File: VD080474.D

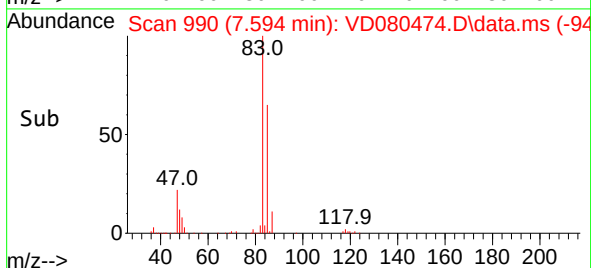
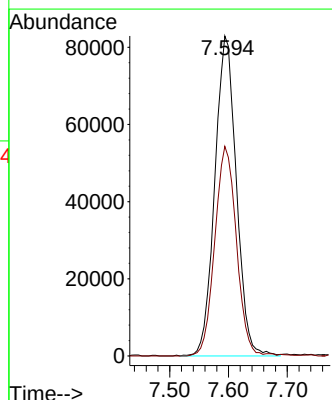
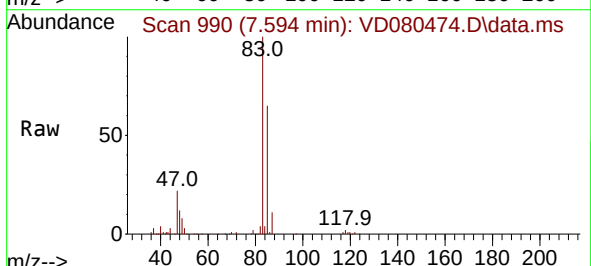
Acq: 26 Jun 2025 10:55

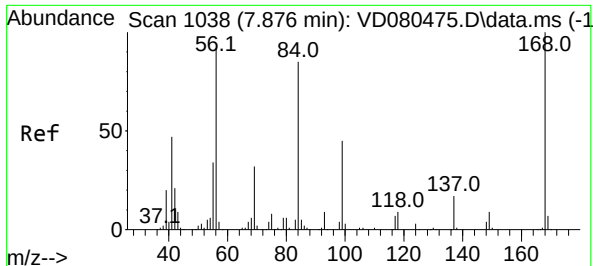
Tgt Ion: 83 Resp: 211317

Ion Ratio Lower Upper

83 100

85 65.5 51.2 76.8

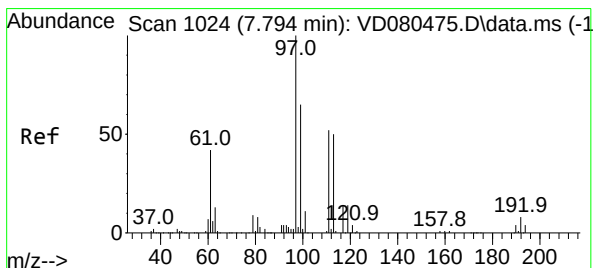
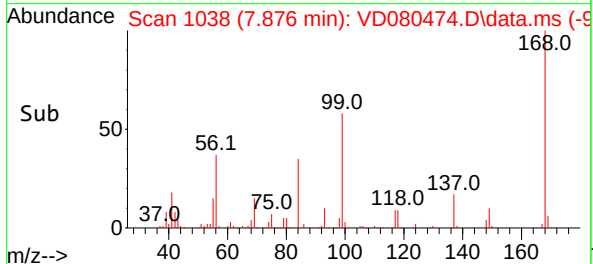
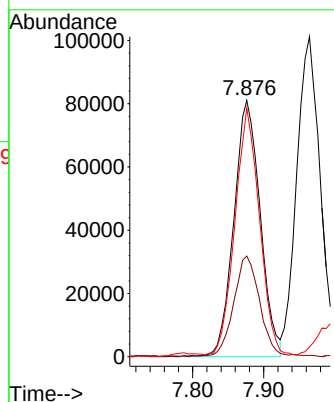
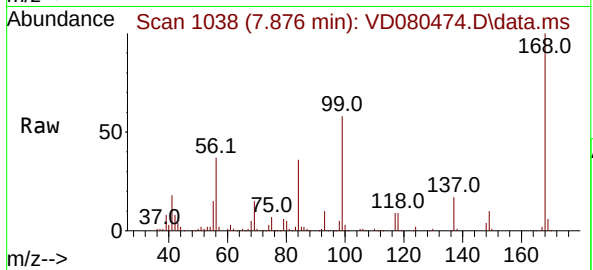




#31
Cyclohexane
Concen: 19.281 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

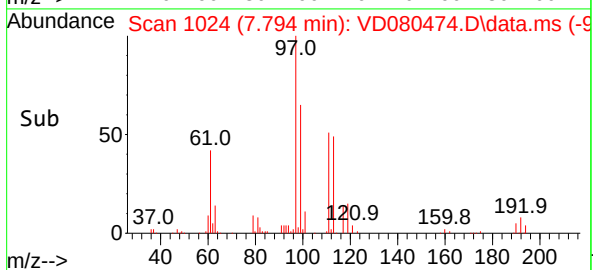
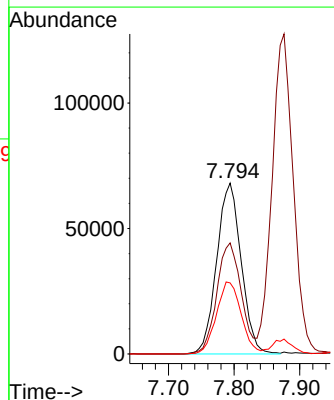
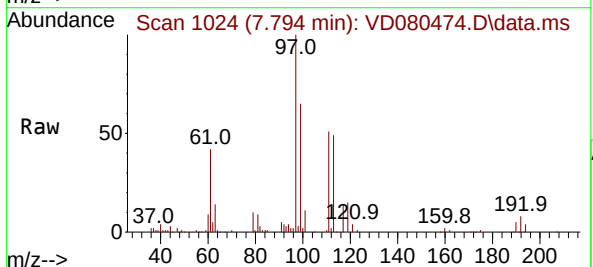
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

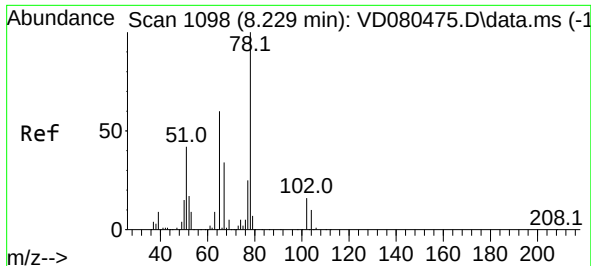
Tgt Ion: 56 Resp: 209156
Ion Ratio Lower Upper
56 100
69 39.1 28.1 42.1
84 95.5 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 19.692 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 97 Resp: 176440
Ion Ratio Lower Upper
97 100
99 65.5 51.5 77.3
61 42.6 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 20.469 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Instrument :

MSVOA_D

ClientSampleId :

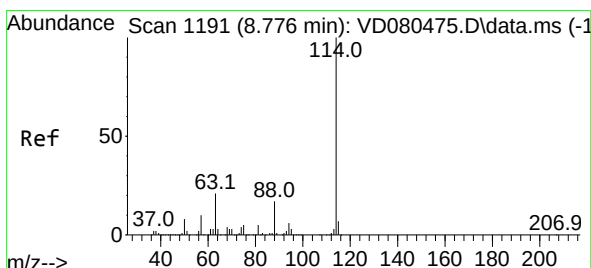
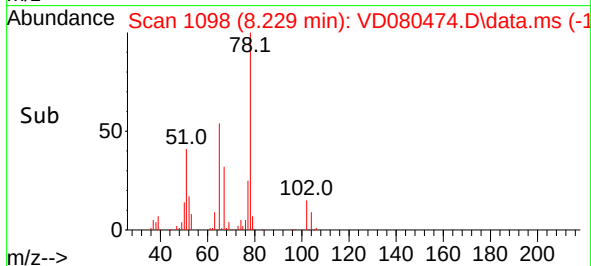
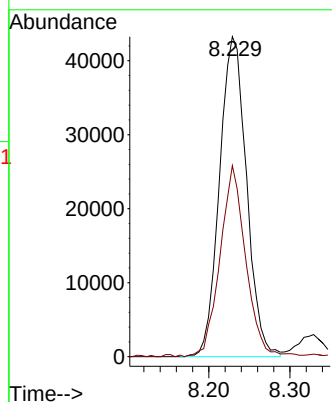
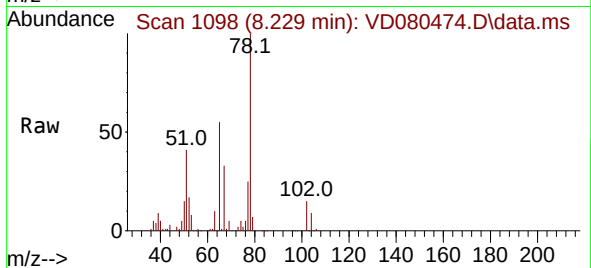
VSTDICC020

Tgt Ion: 65 Resp: 100063

Ion Ratio Lower Upper

65 100

67 56.7 0.0 113.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

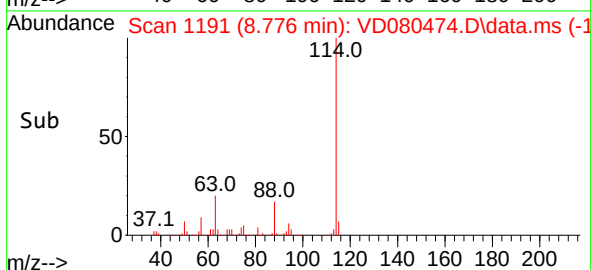
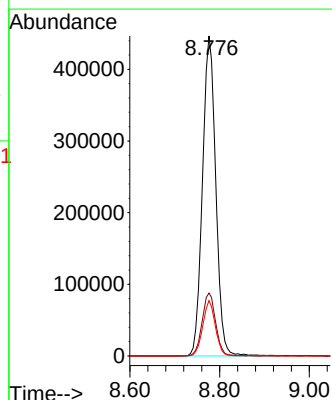
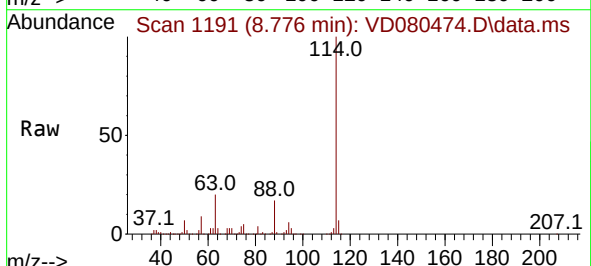
Tgt Ion: 114 Resp: 919289

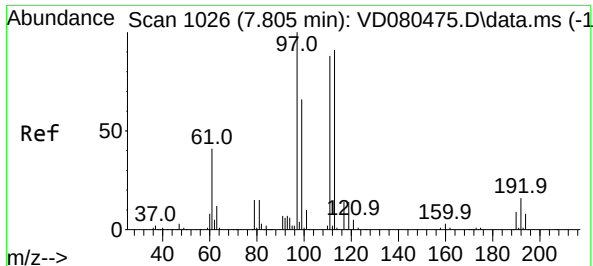
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.0

88 17.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 20.898 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

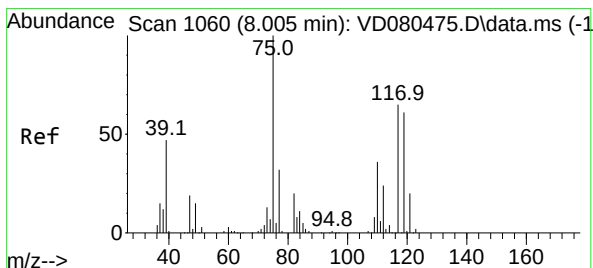
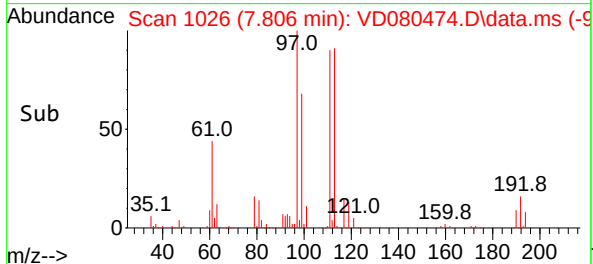
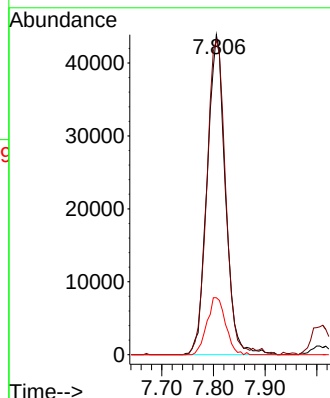
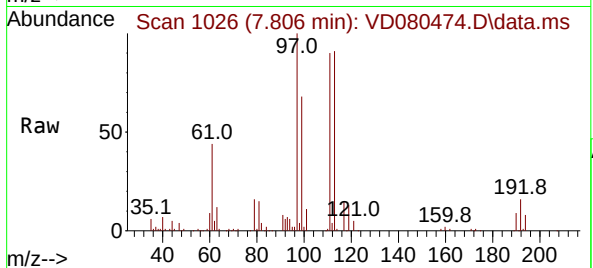
Tgt Ion:113 Resp: 107578

Ion Ratio Lower Upper

113 100

111 100.2 82.5 123.7

192 18.2 15.0 22.6



#36

1,1-Dichloropropene

Concen: 19.248 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

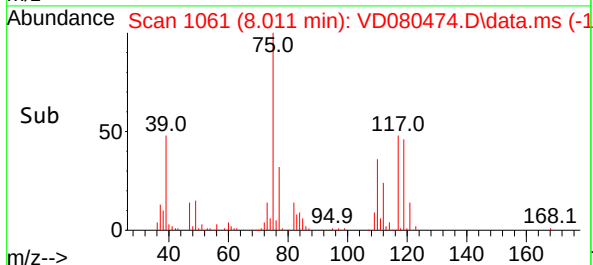
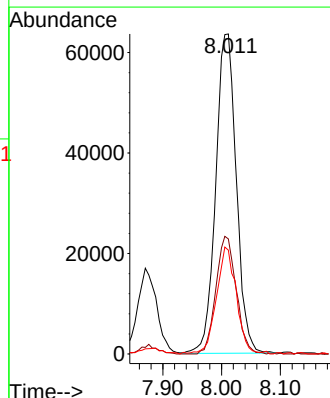
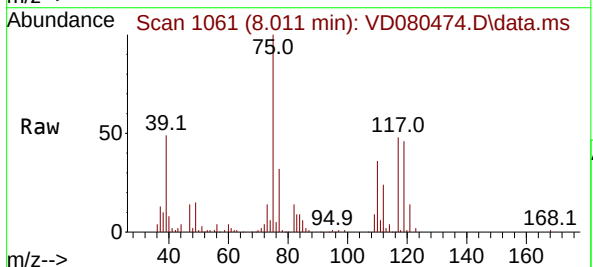
Tgt Ion: 75 Resp: 154743

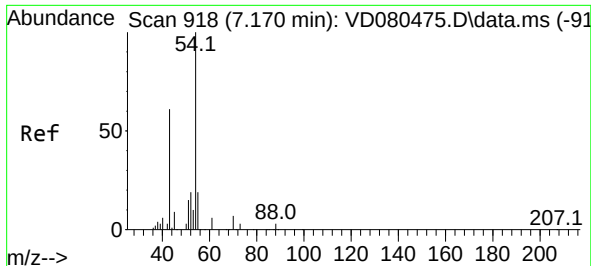
Ion Ratio Lower Upper

75 100

110 36.3 18.2 54.6

77 32.5 25.2 37.8

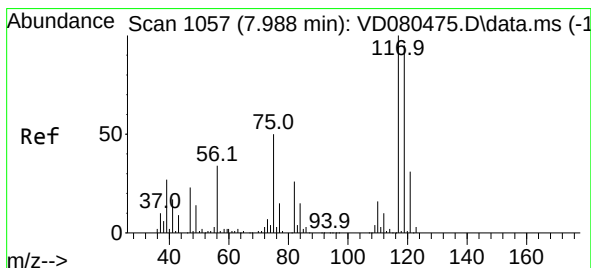
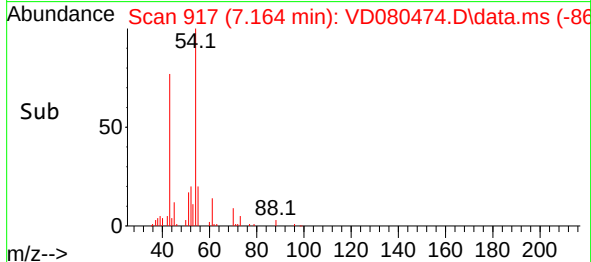
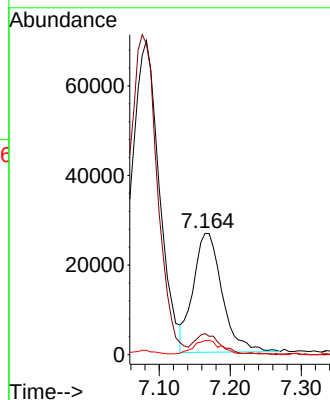
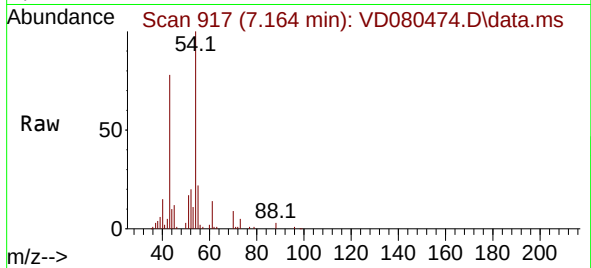




#37
Ethyl Acetate
Concen: 19.309 ug/l
RT: 7.164 min Scan# 918
Delta R.T. -0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

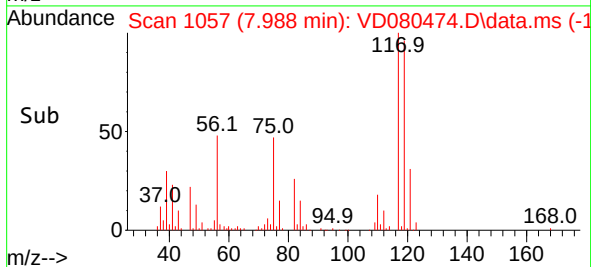
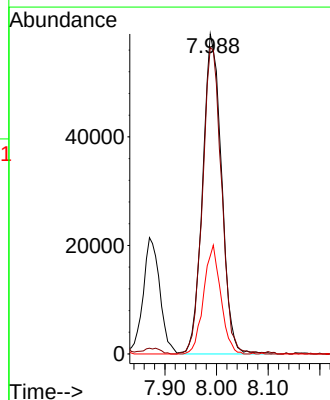
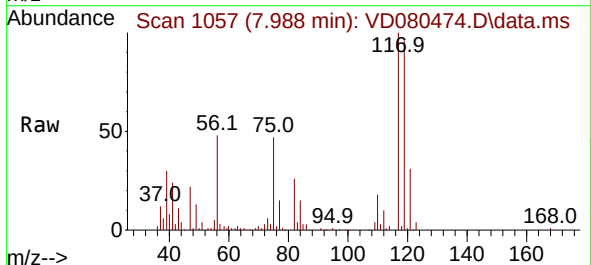
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

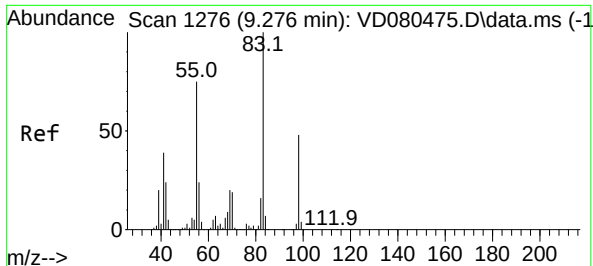
Tgt Ion: 43 Resp: 75206
Ion Ratio Lower Upper
43 100
61 13.7 12.2 18.2
70 10.4 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.473 ug/l
RT: 7.988 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 117 Resp: 149574
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.6
121 30.6 25.0 37.4





#39

Methylcyclohexane

Concen: 19.097 ug/l

RT: 9.270 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

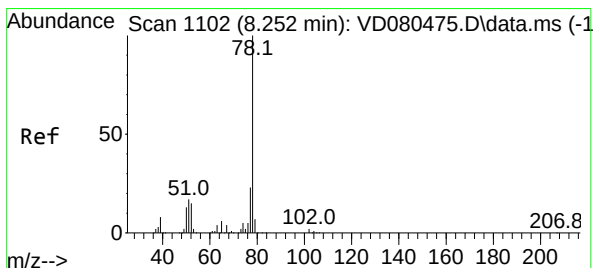
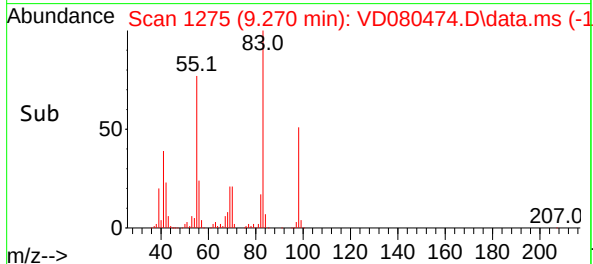
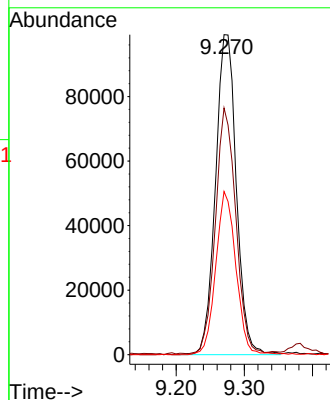
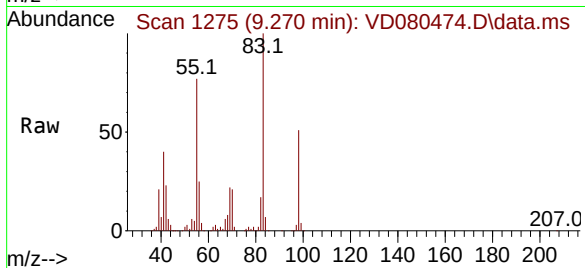
Tgt Ion: 83 Resp: 211384

Ion Ratio Lower Upper

83 100

55 76.6 59.8 89.8

98 51.0 38.2 57.2



#40

Benzene

Concen: 19.549 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080474.D

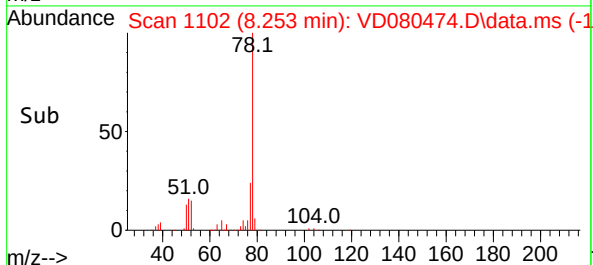
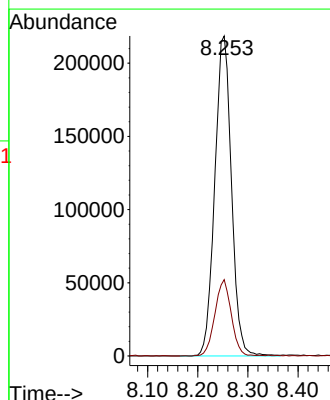
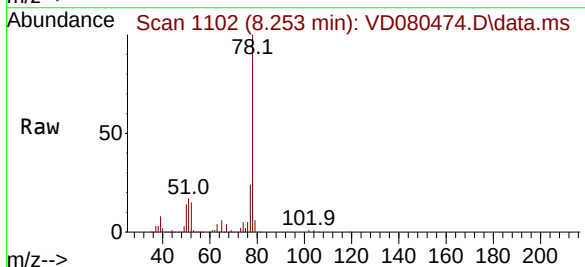
Acq: 26 Jun 2025 10:55

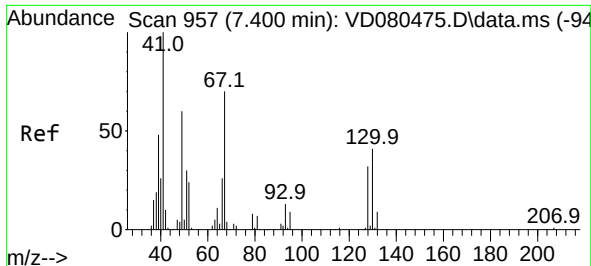
Tgt Ion: 78 Resp: 504439

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0

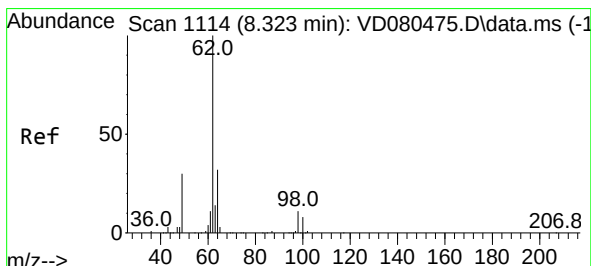
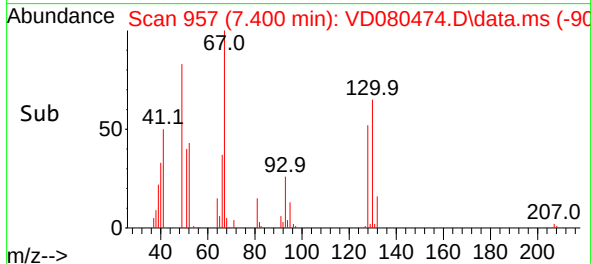
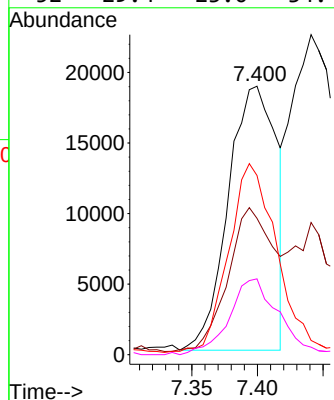
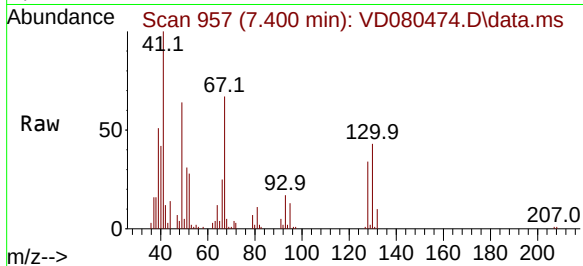




#41
Methacrylonitrile
Concen: 19.230 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

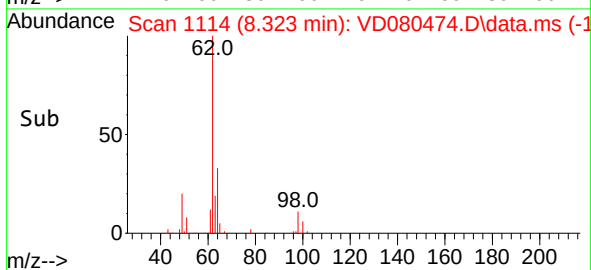
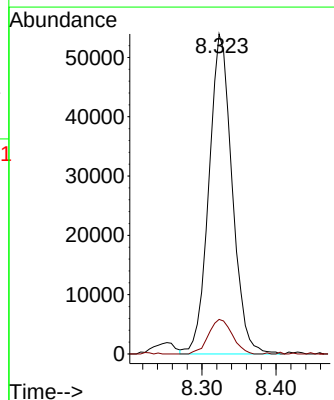
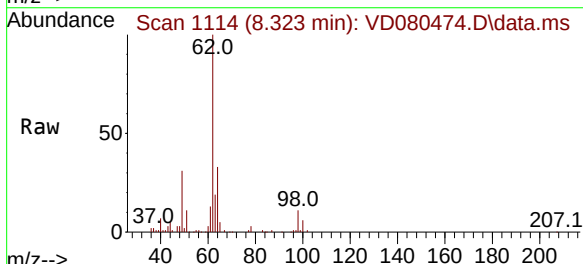
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

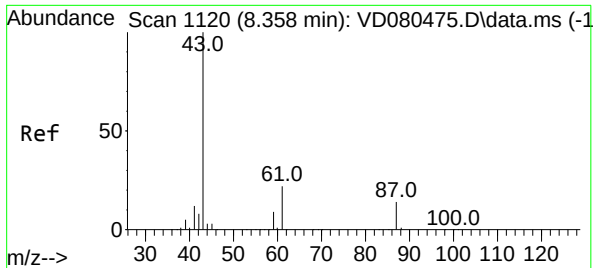
Tgt Ion:	41	Resp:	48023
Ion	Ratio	Lower	Upper
41	100		
39	51.2	43.4	65.0
67	72.5	59.2	88.8
52	29.4	23.0	34.4



#42
1,2-Dichloroethane
Concen: 19.361 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion:	62	Resp:	117525
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0

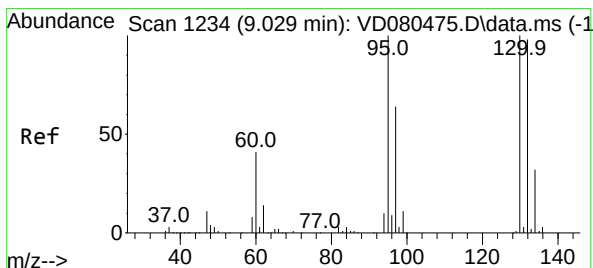
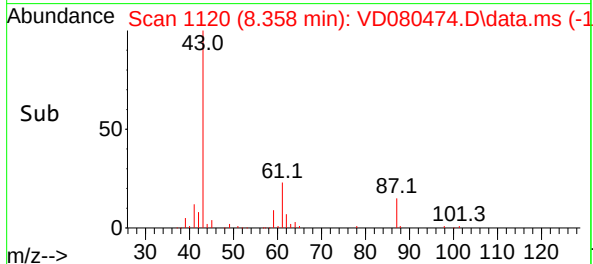
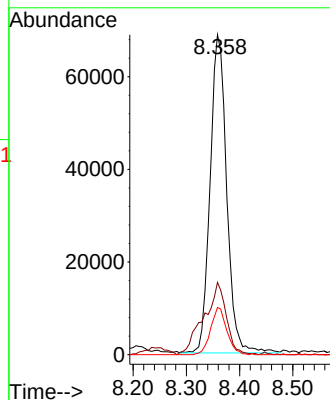
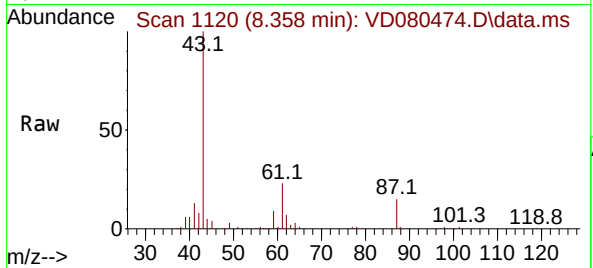




#43
Isopropyl Acetate
Concen: 19.361 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

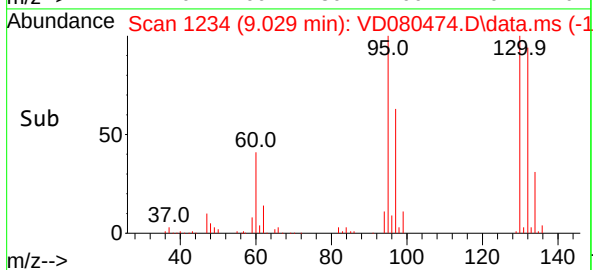
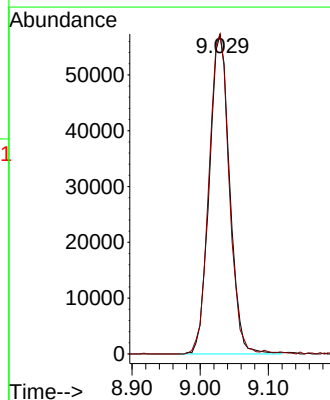
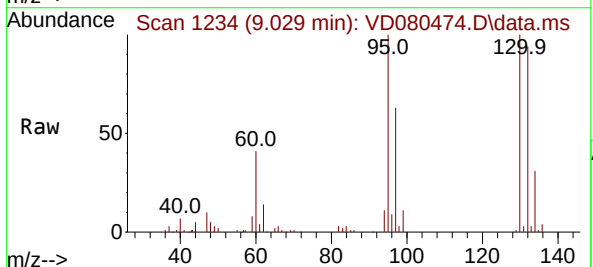
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

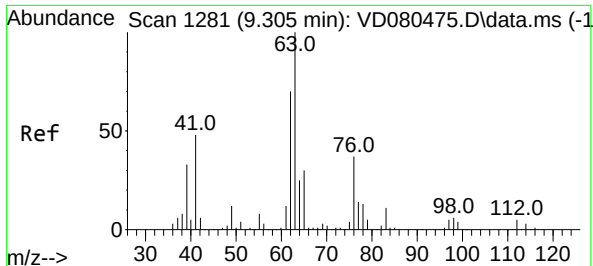
Tgt Ion: 43 Resp: 148882
Ion Ratio Lower Upper
43 100
61 30.6 24.4 36.6
87 14.4 11.4 17.2



#44
Trichloroethene
Concen: 19.002 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion:130 Resp: 118828
Ion Ratio Lower Upper
130 100
95 100.3 0.0 200.6





#45

1,2-Dichloropropane

Concen: 19.526 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Instrument :

MSVOA_D

ClientSampleId :

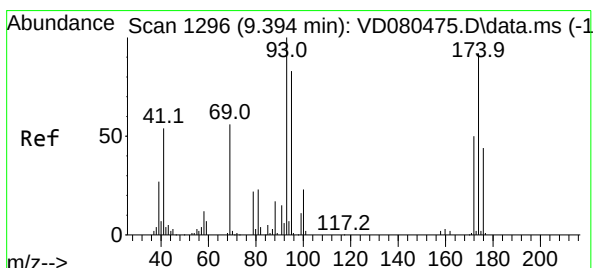
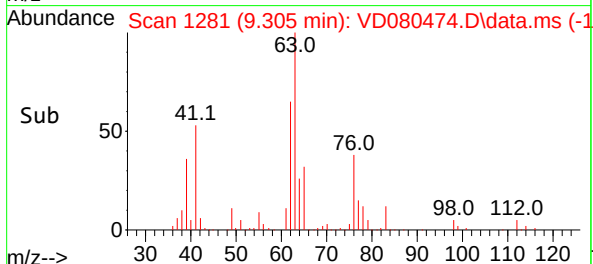
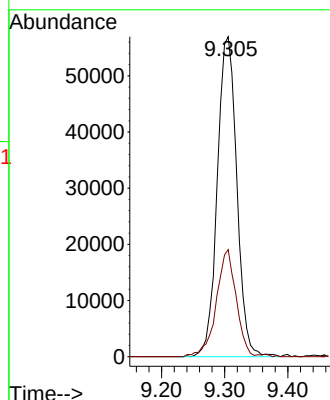
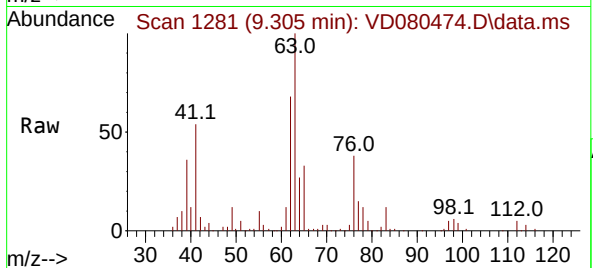
VSTDIC020

Tgt Ion: 63 Resp: 122191

Ion Ratio Lower Upper

63 100

65 33.4 24.0 36.0



#46

Dibromomethane

Concen: 19.231 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

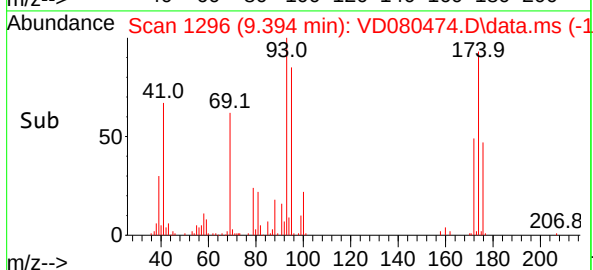
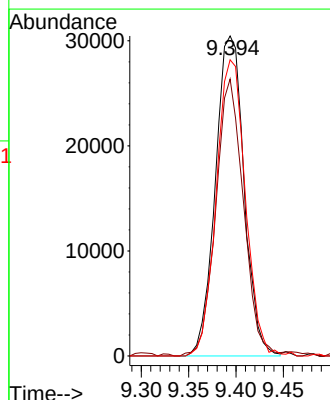
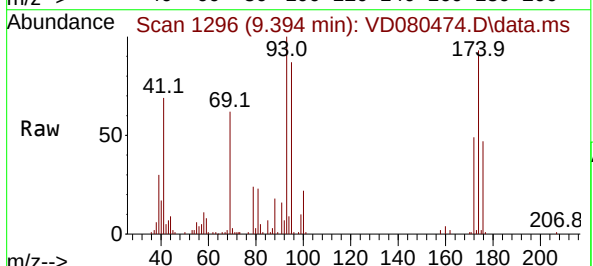
Tgt Ion: 93 Resp: 64168

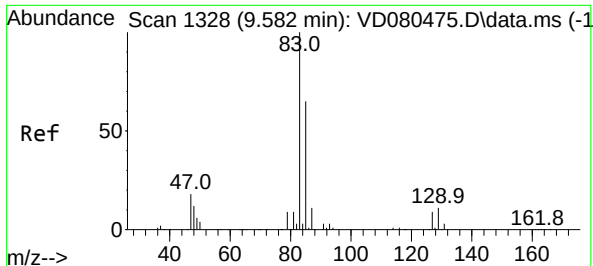
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 94.0 75.4 113.0

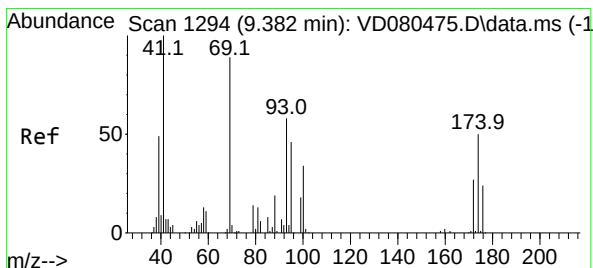
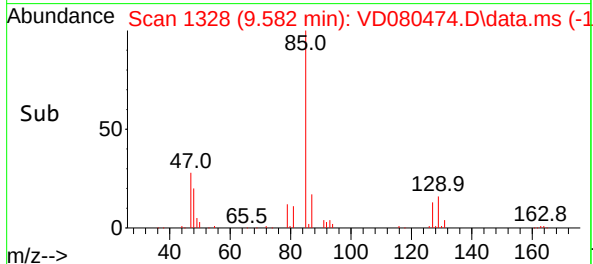
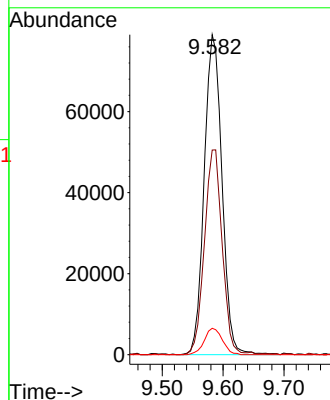
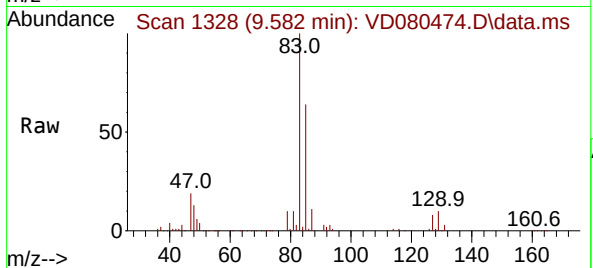




#47
Bromodichloromethane
Concen: 19.391 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

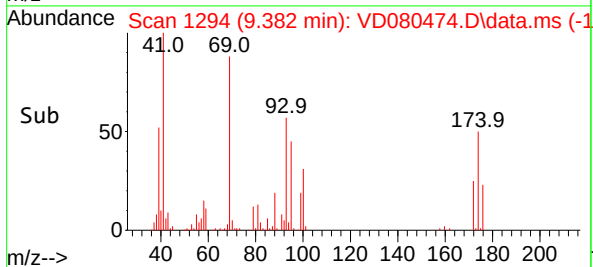
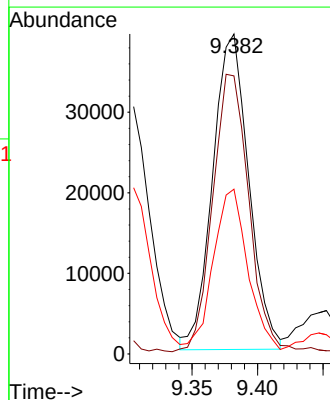
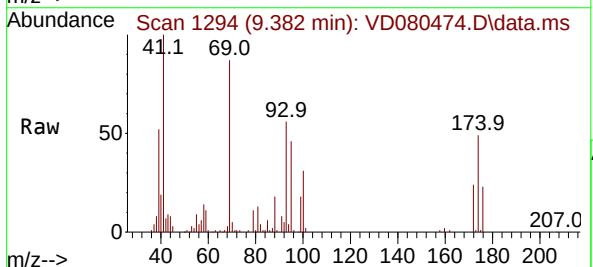
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

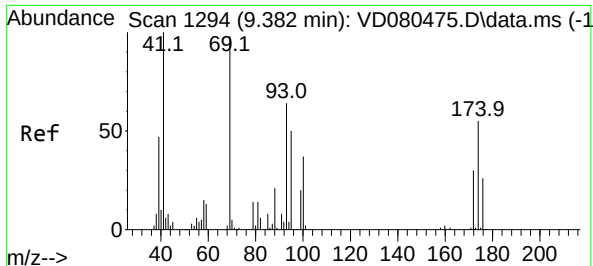
Tgt Ion: 83 Resp: 160400
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.2
127 8.2 6.9 10.3



#48
Methyl methacrylate
Concen: 19.259 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 41 Resp: 74919
Ion Ratio Lower Upper
41 100
69 89.5 70.2 105.4
39 48.1 40.2 60.2

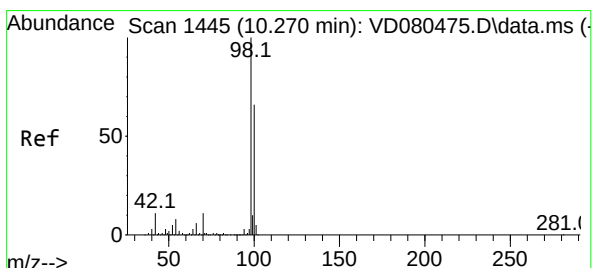
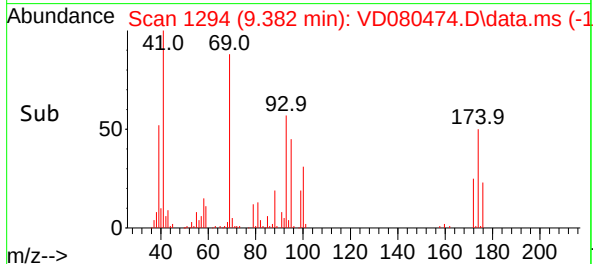
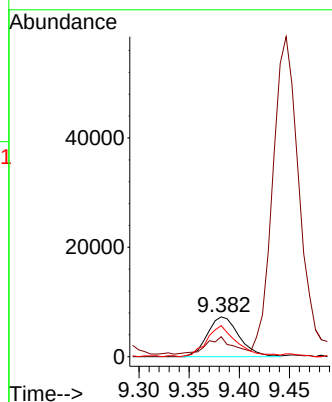
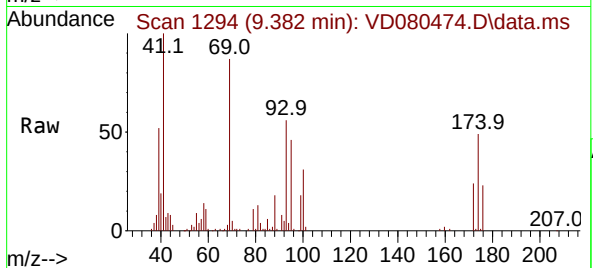




#49
1,4-Dioxane
Concen: 370.268 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

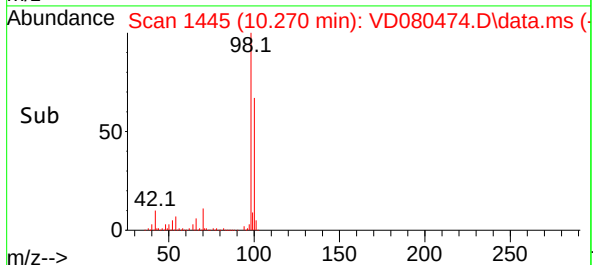
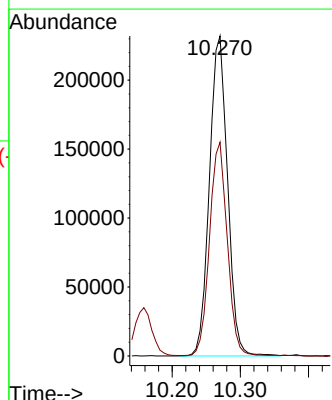
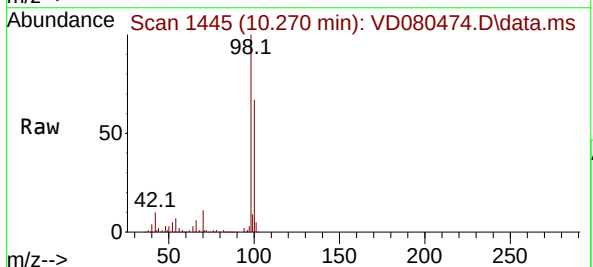
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

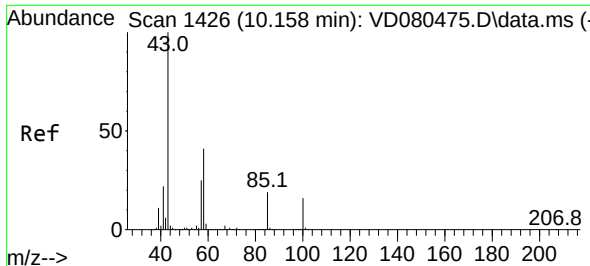
Tgt Ion: 88 Resp: 16027
Ion Ratio Lower Upper
88 100
43 36.0 26.7 40.1
58 74.9 56.4 84.6



#50
Toluene-d8
Concen: 20.646 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 98 Resp: 429340
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

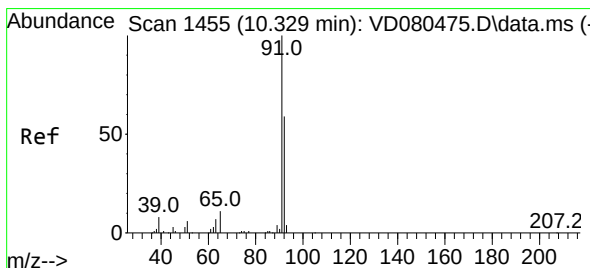
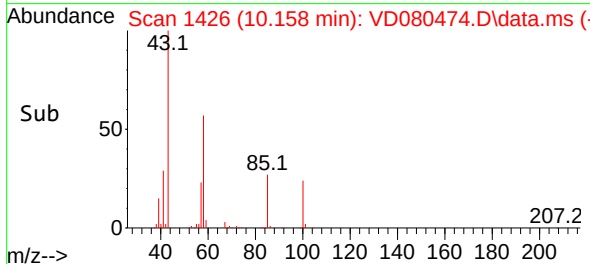
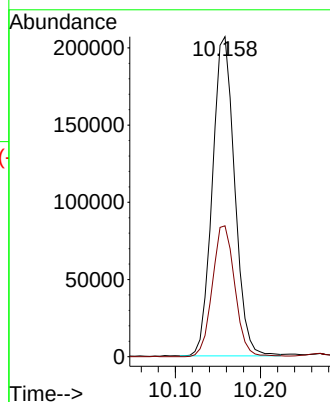
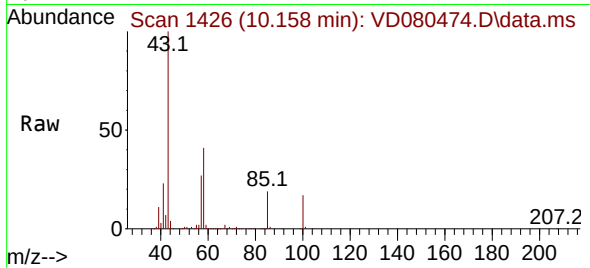




#51
4-Methyl-2-Pentanone
Concen: 96.323 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

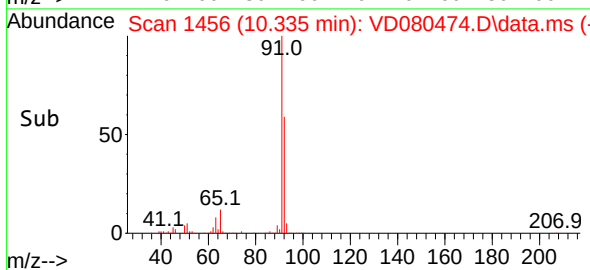
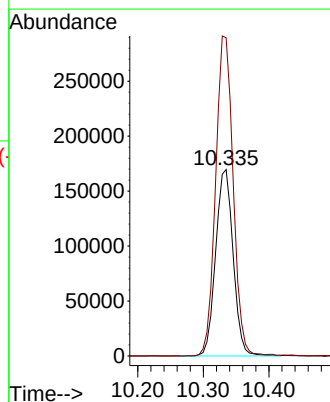
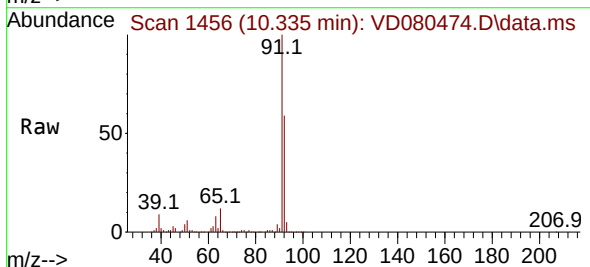
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

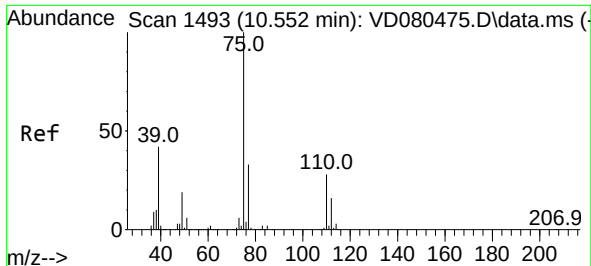
Tgt Ion: 43 Resp: 376146
Ion Ratio Lower Upper
43 100
58 41.4 33.3 49.9



#52
Toluene
Concen: 19.416 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 92 Resp: 313140
Ion Ratio Lower Upper
92 100
91 172.4 137.1 205.7

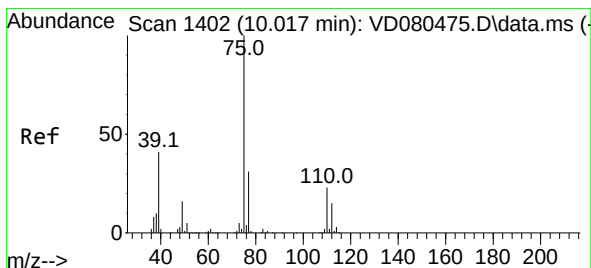
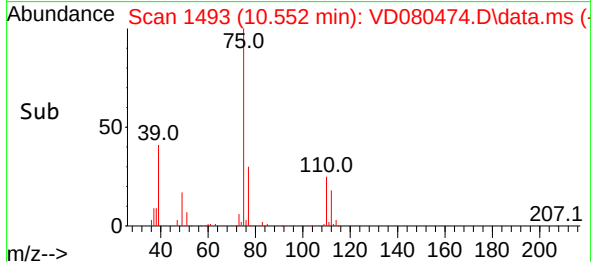
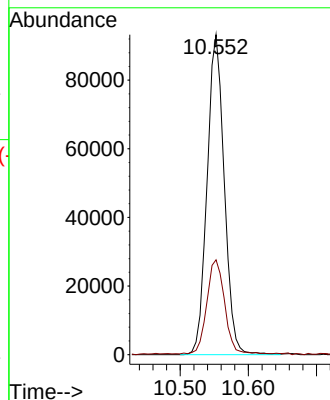
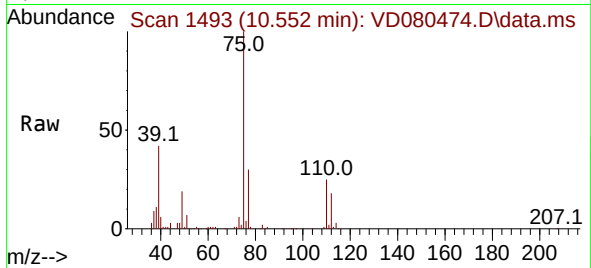




#53
 t-1,3-Dichloropropene
 Concen: 19.735 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

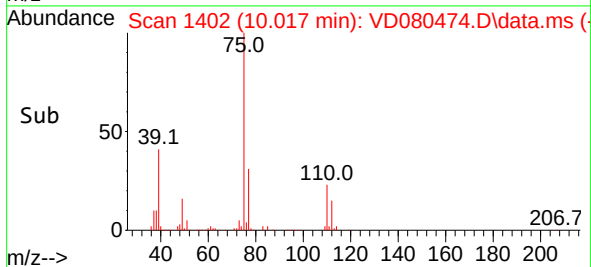
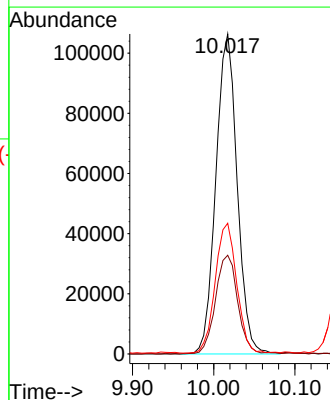
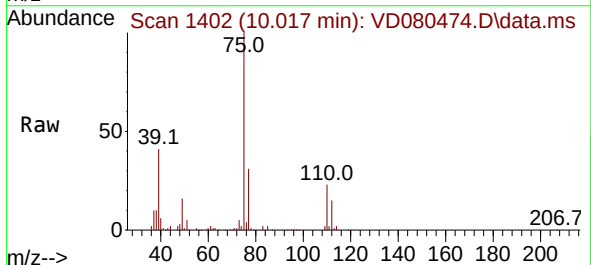
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

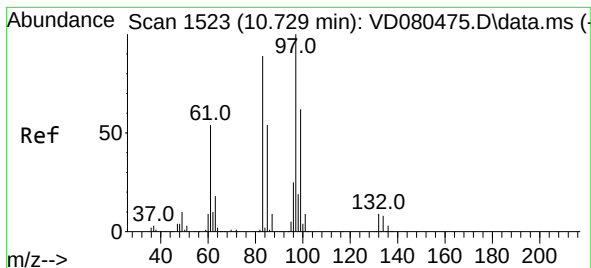
Tgt Ion: 75 Resp: 163506
 Ion Ratio Lower Upper
 75 100
 77 29.4 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.499 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

Tgt Ion: 75 Resp: 194077
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.9 37.3
 39 40.6 32.5 48.7

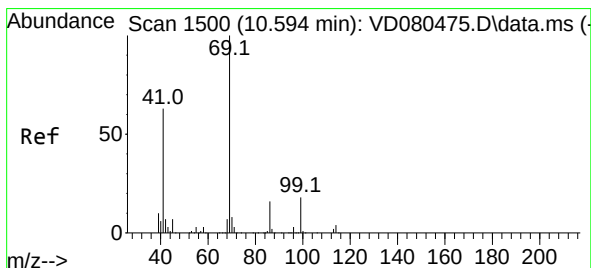
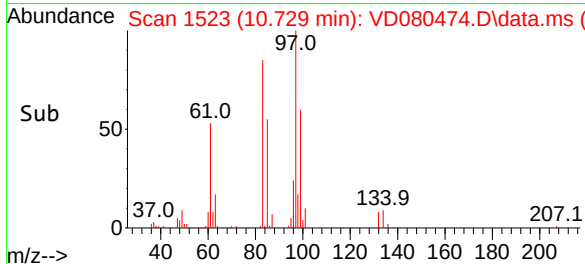
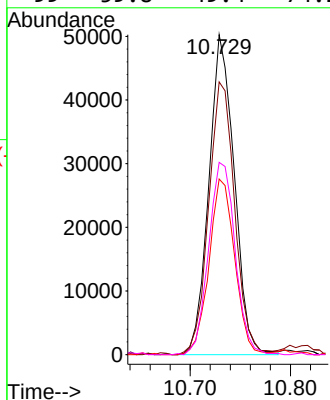
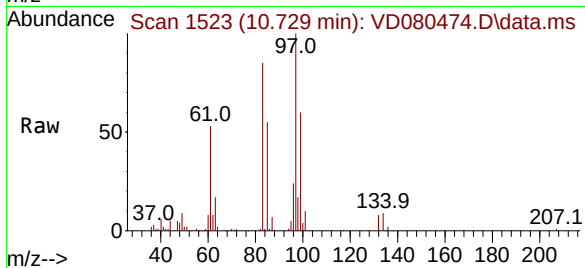




#55
1,1,2-Trichloroethane
Concen: 19.422 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

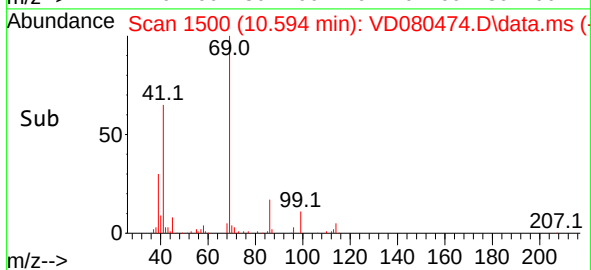
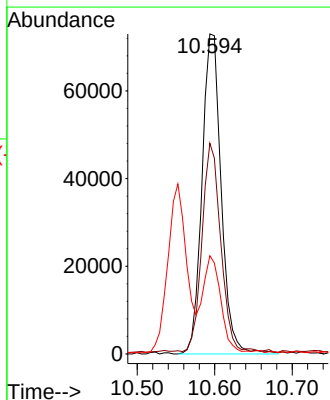
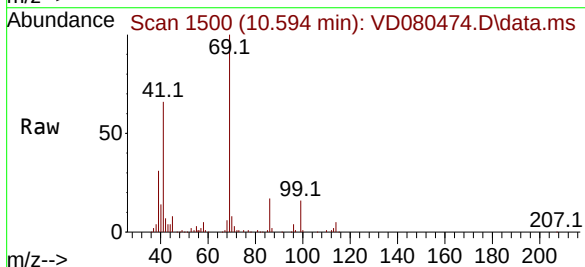
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

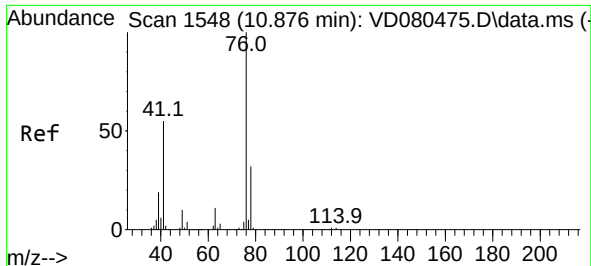
Tgt Ion:	97	Resp:	88342
Ion	Ratio	Lower	Upper
97	100		
83	85.2	71.4	107.2
85	54.9	43.4	65.2
99	59.8	49.4	74.2



#56
Ethyl methacrylate
Concen: 19.341 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion:	69	Resp:	125573
Ion	Ratio	Lower	Upper
69	100		
41	64.4	50.7	76.1
39	27.4	23.4	35.2





#57

1,3-Dichloropropane

Concen: 19.529 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Instrument :

MSVOA_D

ClientSampleId :

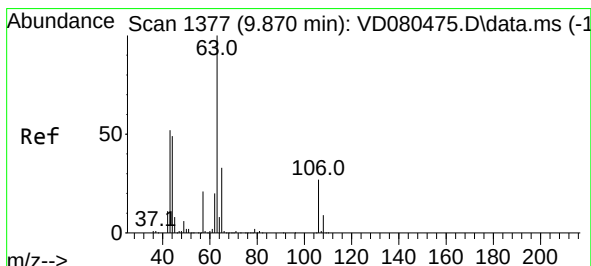
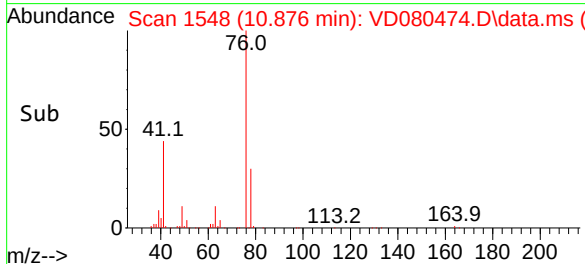
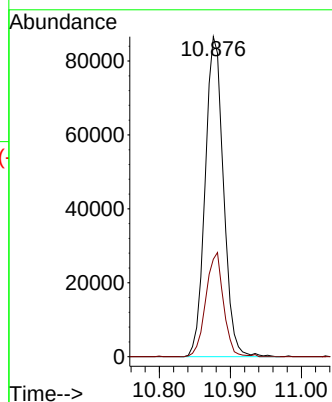
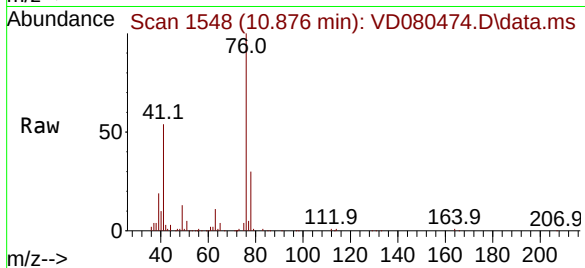
VSTDIC020

Tgt Ion: 76 Resp: 155414

Ion Ratio Lower Upper

76 100

78 31.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 98.872 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080474.D

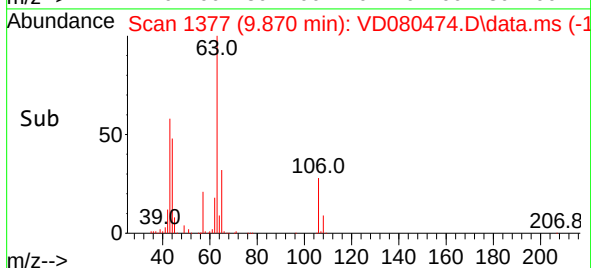
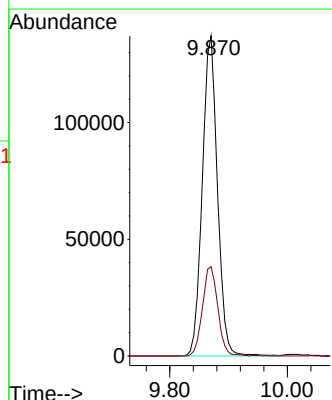
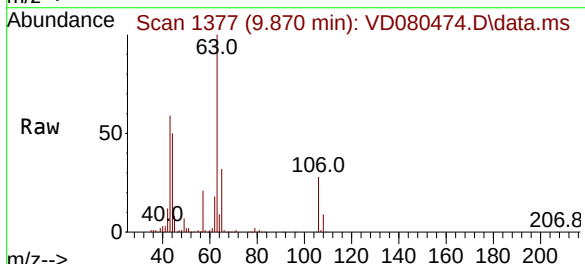
Acq: 26 Jun 2025 10:55

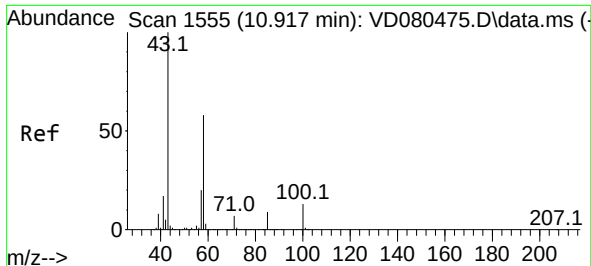
Tgt Ion: 63 Resp: 245161

Ion Ratio Lower Upper

63 100

106 28.2 21.7 32.5

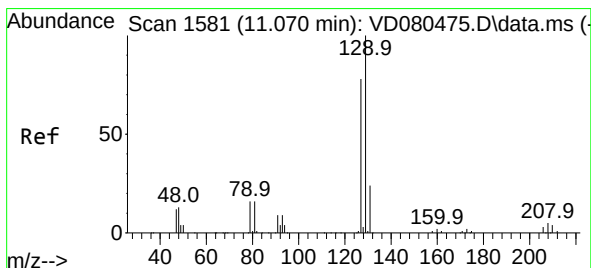
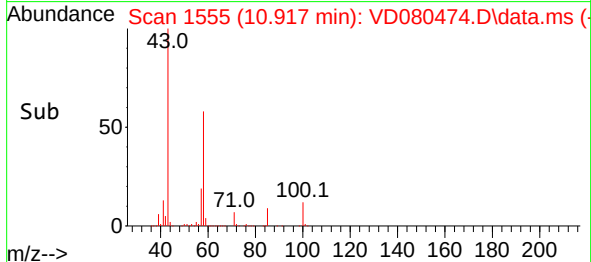
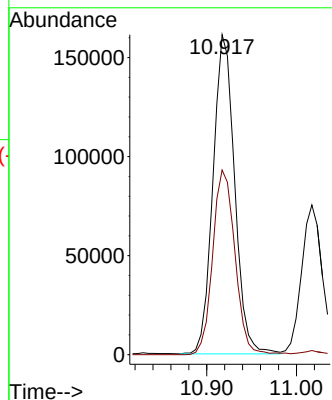
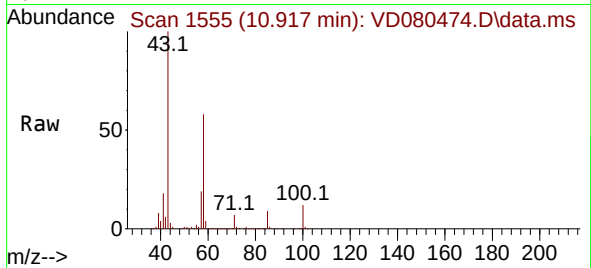




#59
2-Hexanone
Concen: 97.691 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

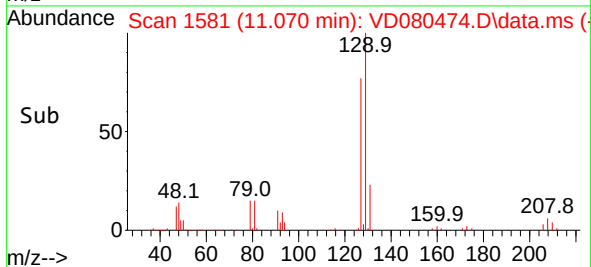
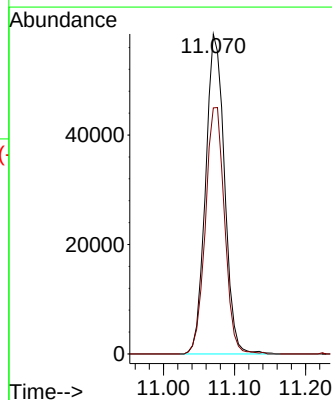
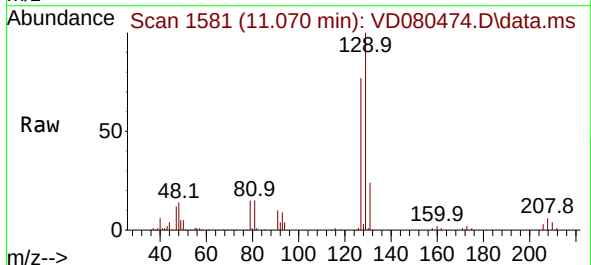
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

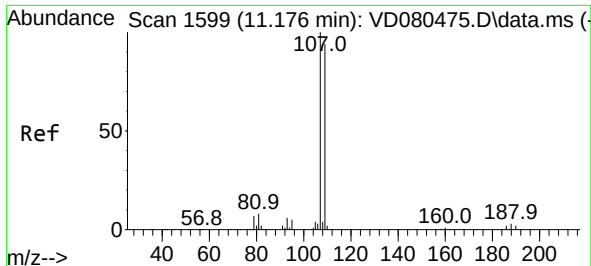
Tgt Ion: 43 Resp: 269998
Ion Ratio Lower Upper
43 100
58 59.6 29.0 87.1



#60
Dibromochloromethane
Concen: 19.260 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 129 Resp: 108128
Ion Ratio Lower Upper
129 100
127 78.3 38.4 115.2

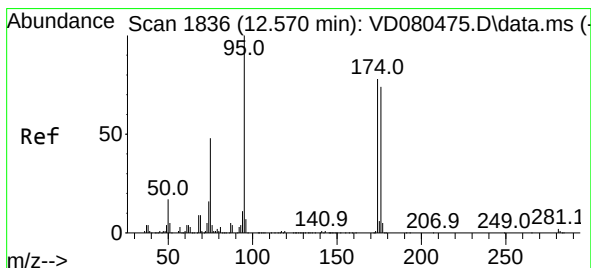
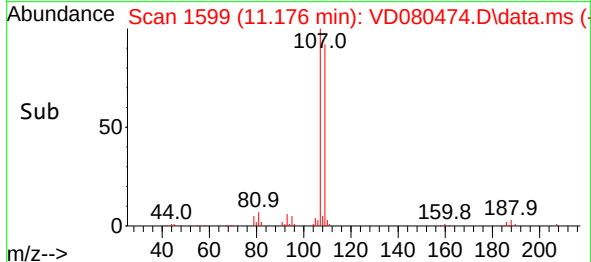
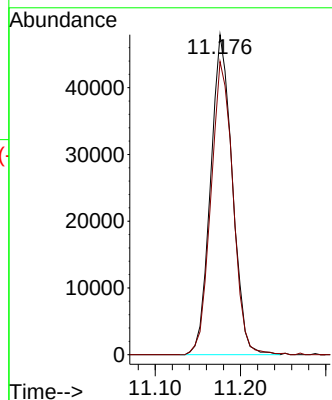
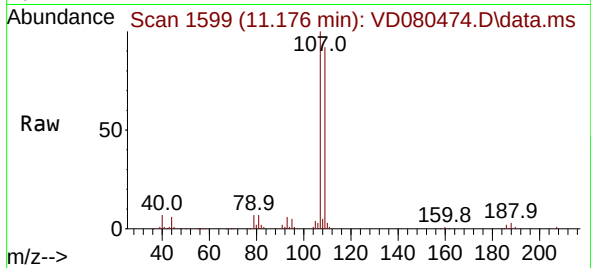




#61
1,2-Dibromoethane
Concen: 19.511 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

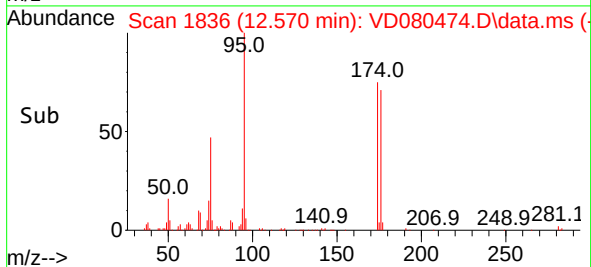
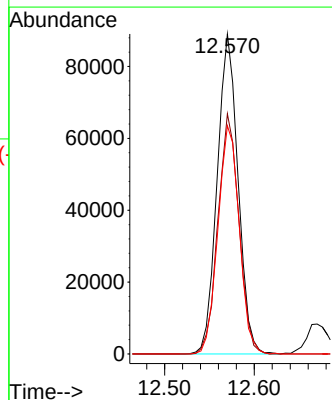
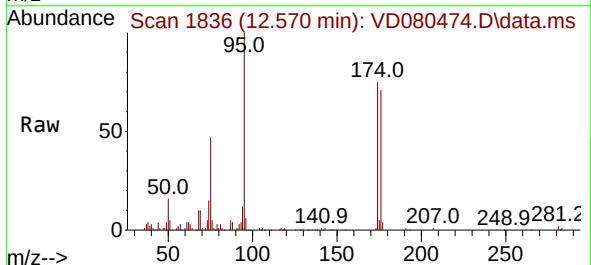
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

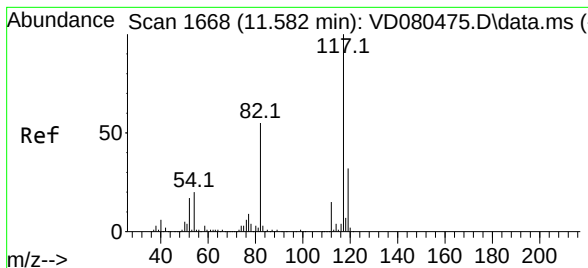
Tgt Ion:107 Resp: 84852
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 21.080 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 95 Resp: 143740
Ion Ratio Lower Upper
95 100
174 75.2 0.0 154.0
176 72.8 0.0 149.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

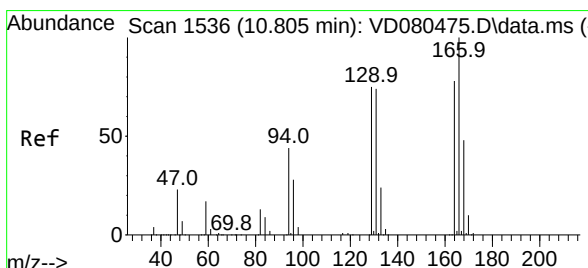
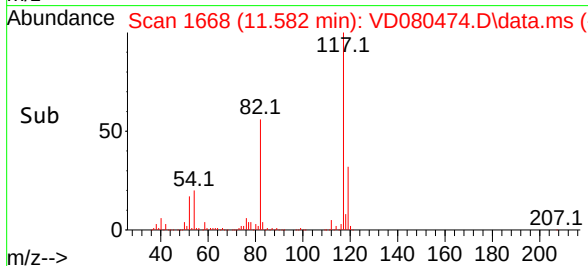
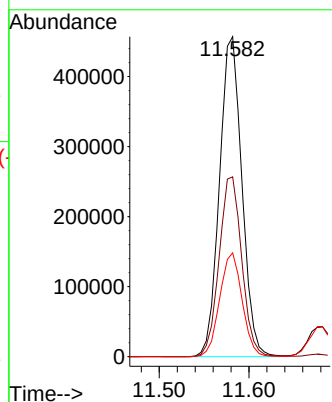
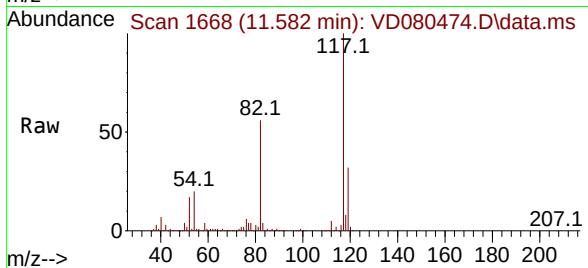
Tgt Ion:117 Resp: 793025

Ion Ratio Lower Upper

117 100

82 56.2 43.7 65.5

119 32.4 25.8 38.6



#64

Tetrachloroethene

Concen: 19.348 ug/l

RT: 10.805 min Scan# 1536

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Tgt Ion:164 Resp: 95230

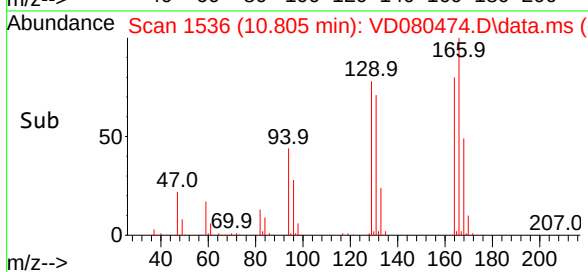
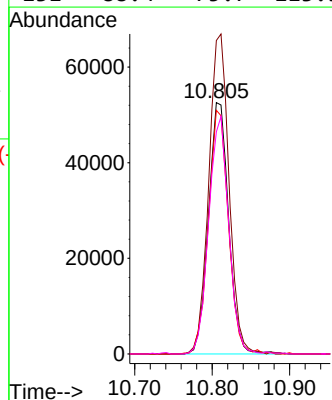
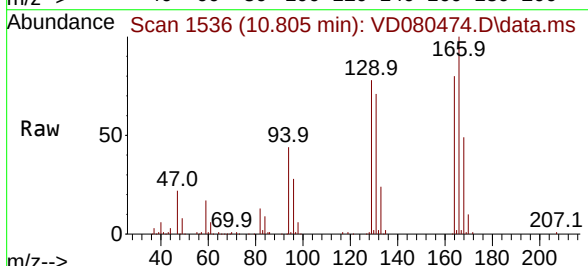
Ion Ratio Lower Upper

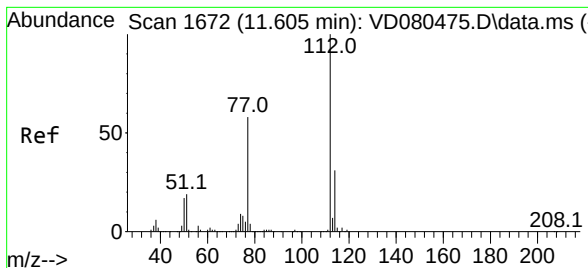
164 100

166 124.7 102.6 153.8

129 97.0 76.6 115.0

131 88.4 75.7 113.5

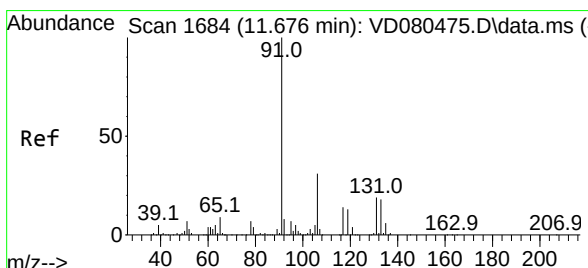
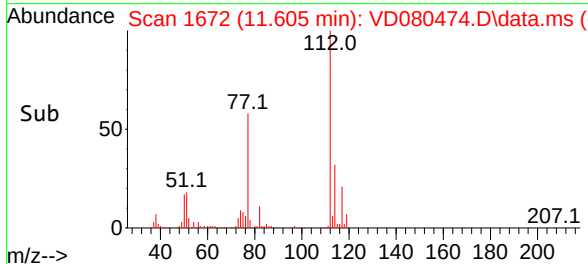
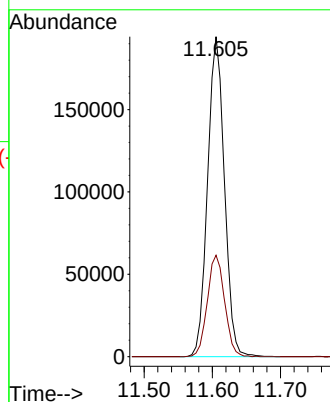
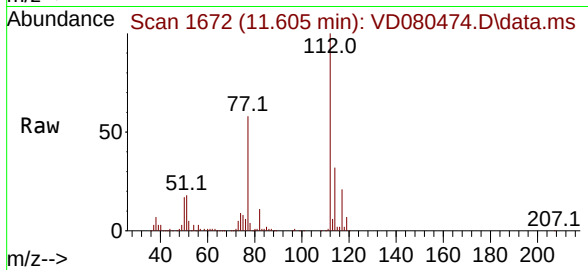




#65
Chlorobenzene
Concen: 19.518 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

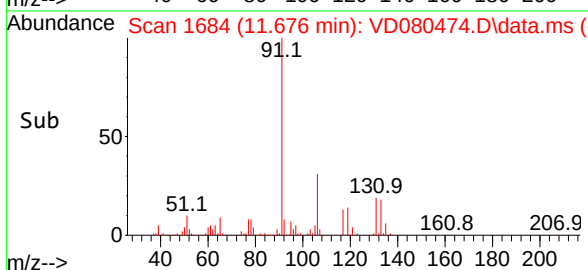
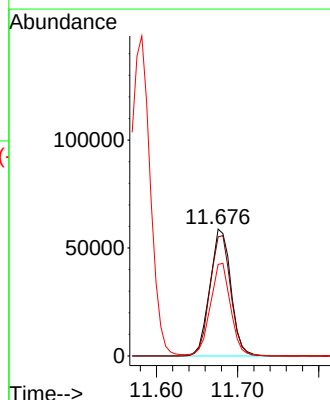
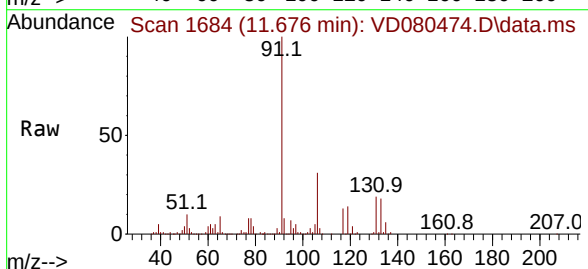
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

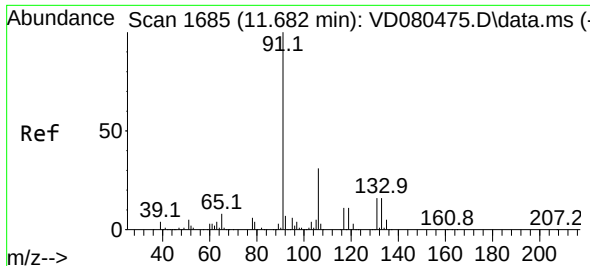
Tgt Ion:112 Resp: 333823
Ion Ratio Lower Upper
112 100
114 31.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.664 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion:131 Resp: 105703
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.8
119 70.7 34.9 104.7





#67

Ethyl Benzene

Concen: 19.547 ug/l

RT: 11.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Instrument :

MSVOA_D

ClientSampleId :

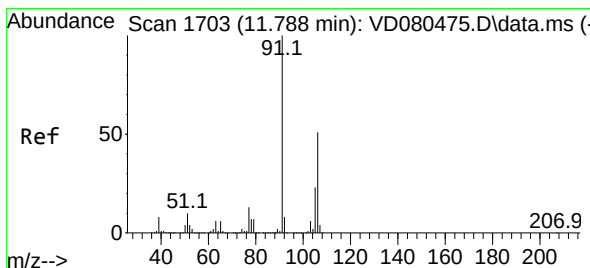
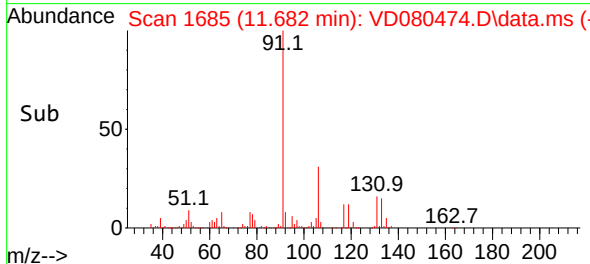
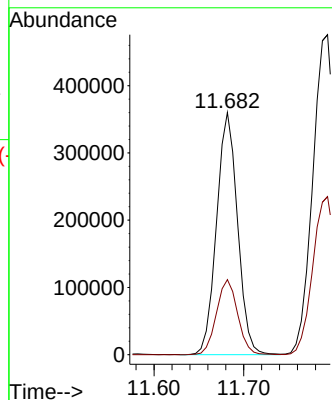
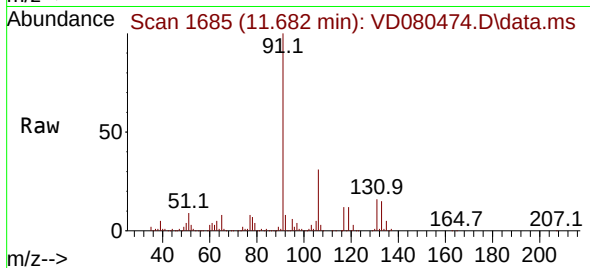
VSTDICC020

Tgt Ion: 91 Resp: 584743

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 39.219 ug/l

RT: 11.794 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD080474.D

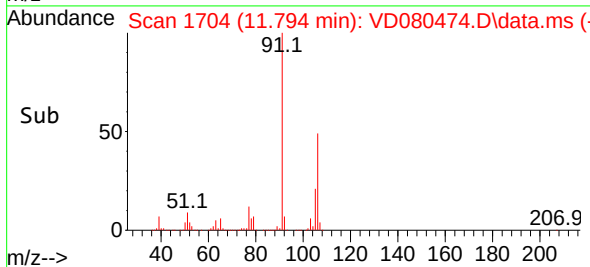
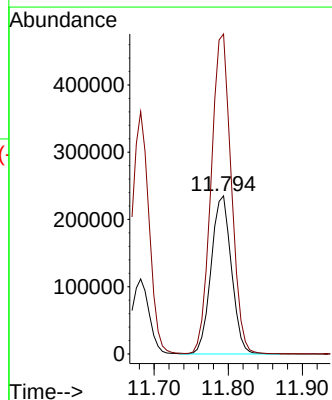
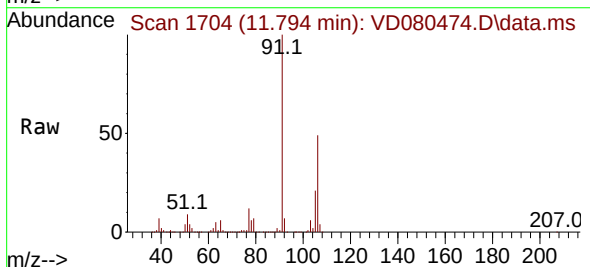
Acq: 26 Jun 2025 10:55

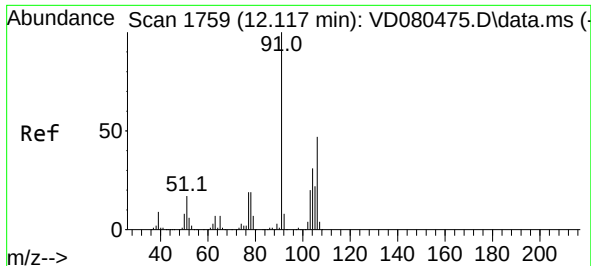
Tgt Ion: 106 Resp: 446764

Ion Ratio Lower Upper

106 100

91 201.3 159.9 239.9

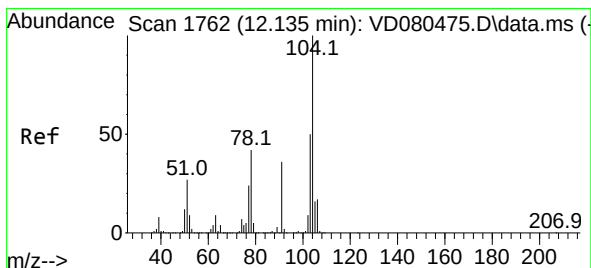
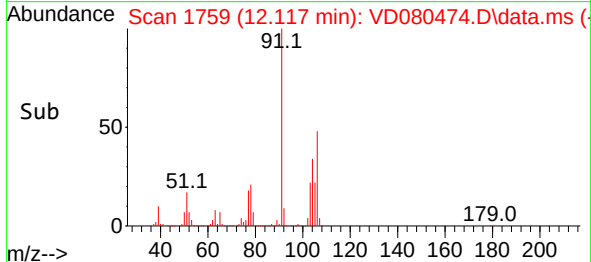
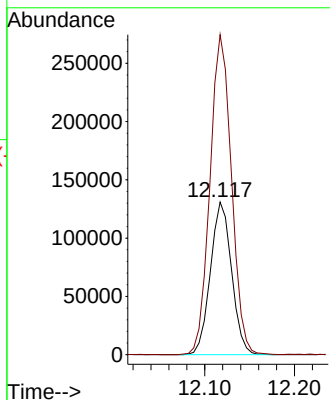
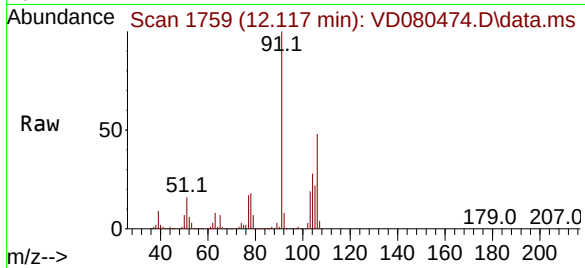




#69
o-Xylene
Concen: 19.513 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

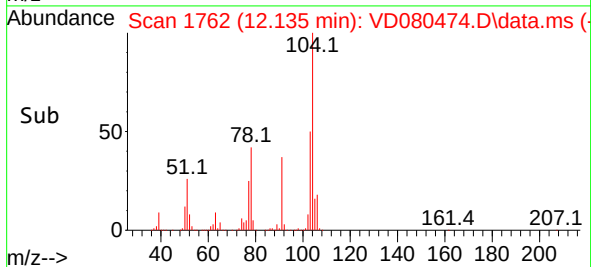
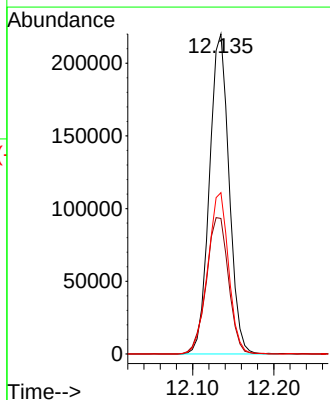
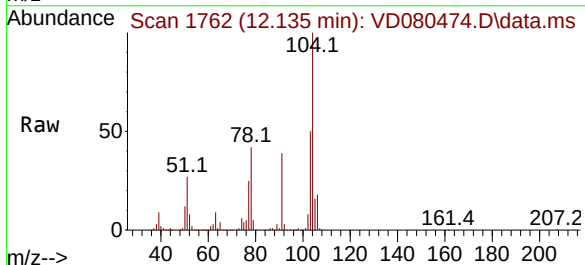
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

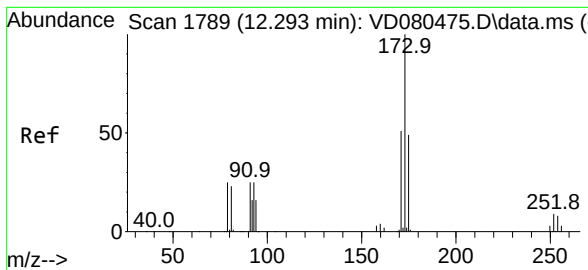
Tgt Ion:106 Resp: 214497
Ion Ratio Lower Upper
106 100
91 213.3 106.5 319.6



#70
Styrene
Concen: 19.883 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion:104 Resp: 369689
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 53.8 44.1 66.1

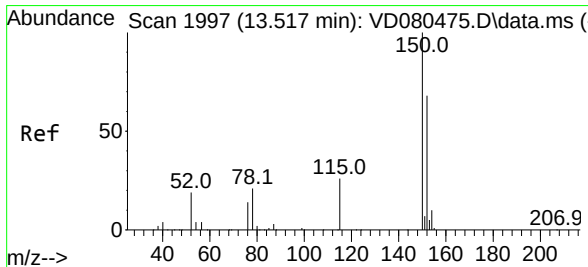
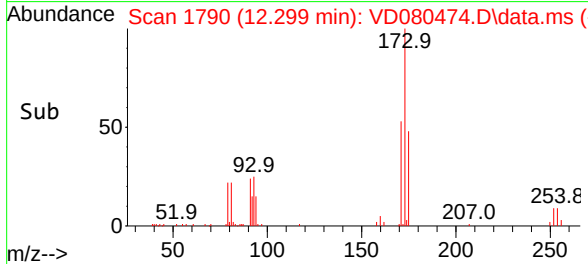
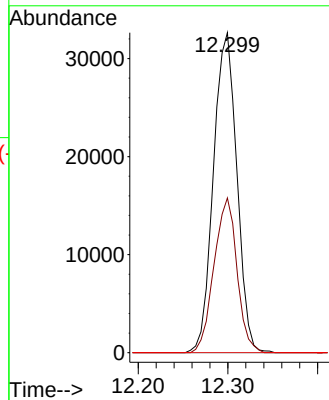
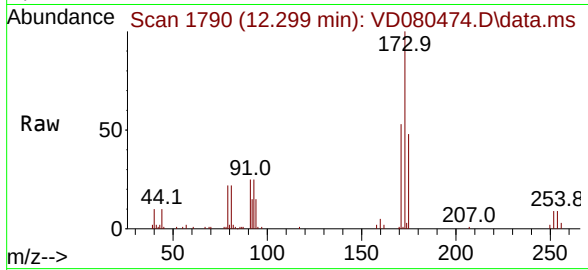




#71
Bromoform
Concen: 19.326 ug/l
RT: 12.299 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

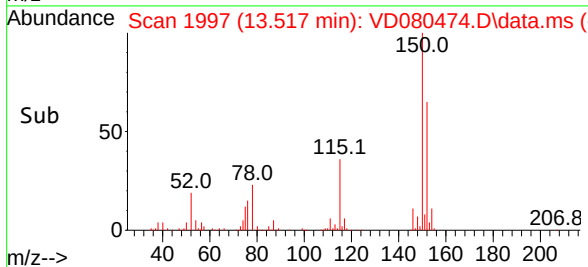
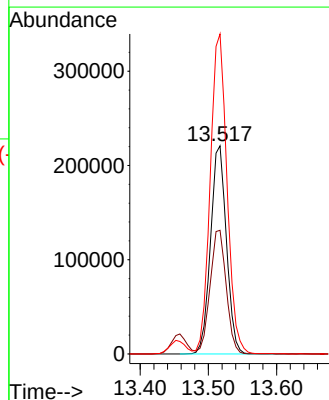
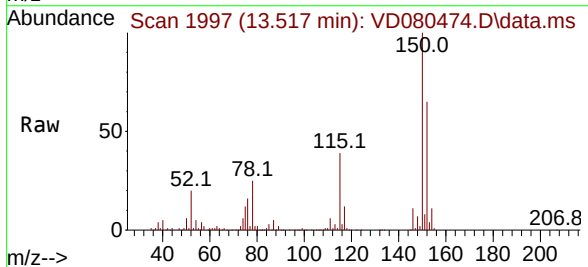
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

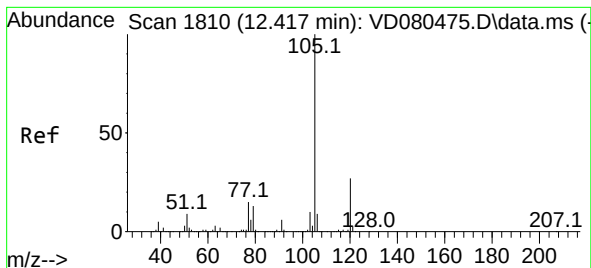
Tgt Ion:173 Resp: 59164
Ion Ratio Lower Upper
173 100
175 47.4 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion:152 Resp: 358620
Ion Ratio Lower Upper
152 100
115 60.0 30.2 90.6
150 162.2 0.0 350.2





#73

Isopropylbenzene

Concen: 19.544 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Instrument :

MSVOA_D

ClientSampleId :

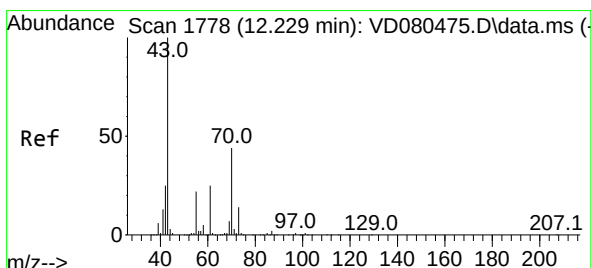
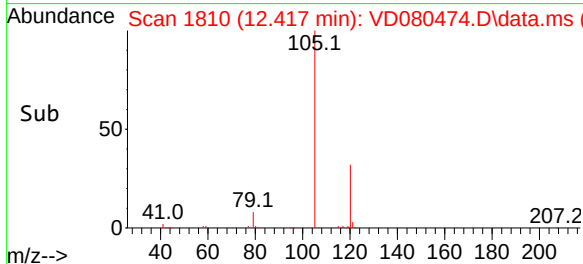
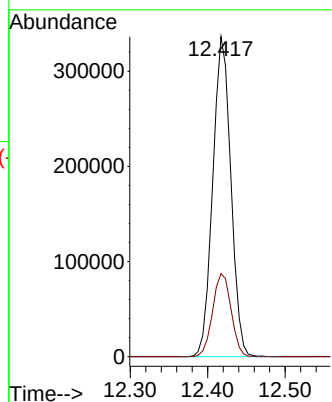
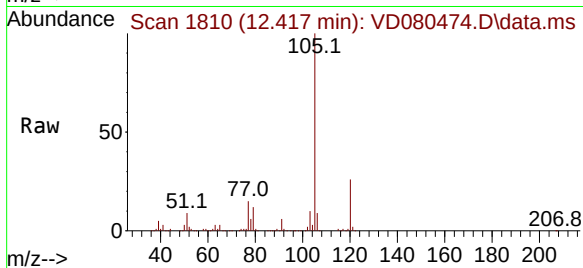
VSTDIC020

Tgt Ion:105 Resp: 544844

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 19.160 ug/l

RT: 12.229 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Tgt Ion: 43 Resp: 139860

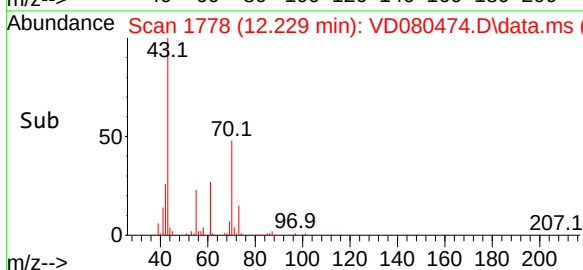
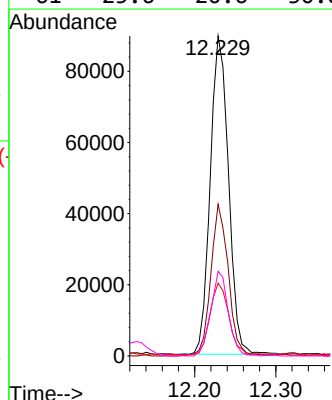
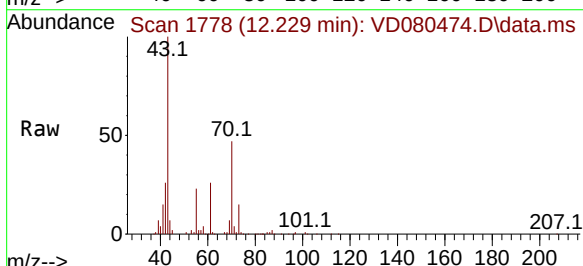
Ion Ratio Lower Upper

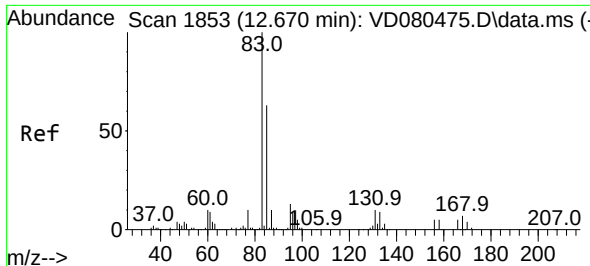
43 100

70 45.7 35.4 53.2

55 22.9 18.8 28.2

61 25.6 20.6 30.8

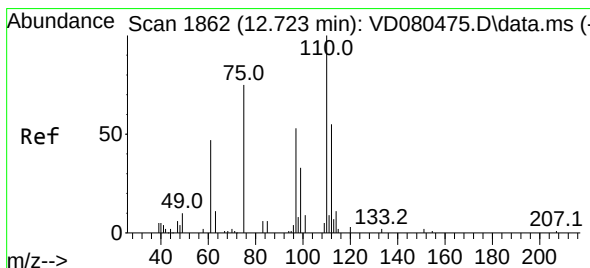
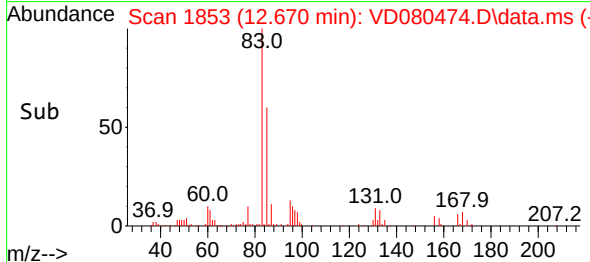
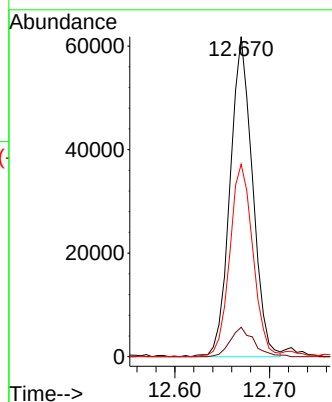
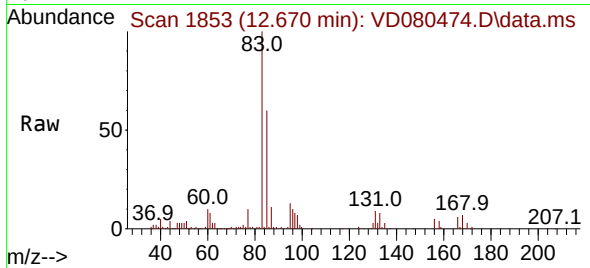




#75
1,1,2,2-Tetrachloroethane
Concen: 19.600 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

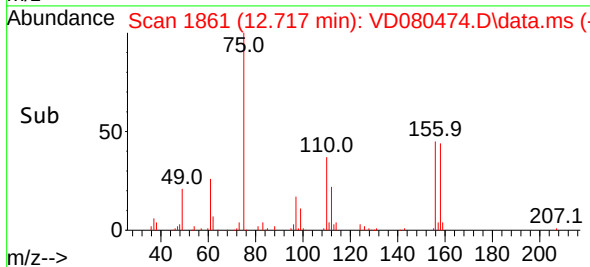
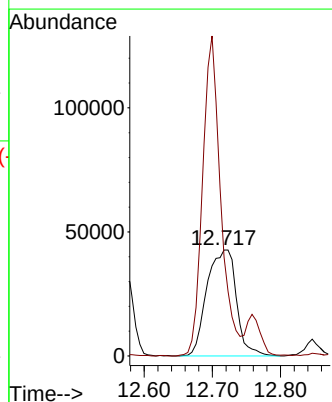
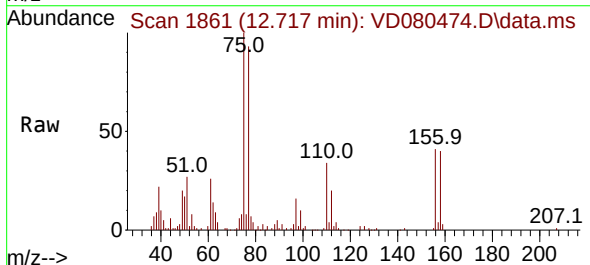
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

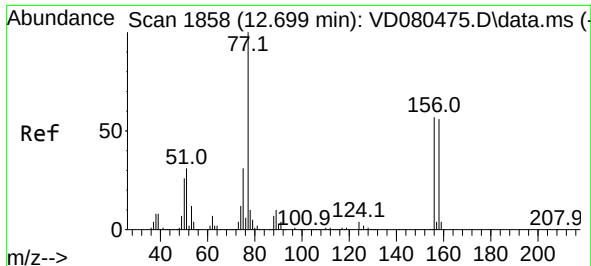
Tgt Ion: 83 Resp: 101744
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 61.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 41.815 ug/l
RT: 12.717 min Scan# 1861
Delta R.T. -0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 75 Resp: 128469
Ion Ratio Lower Upper
75 100
77 186.0 0.0 0.0#

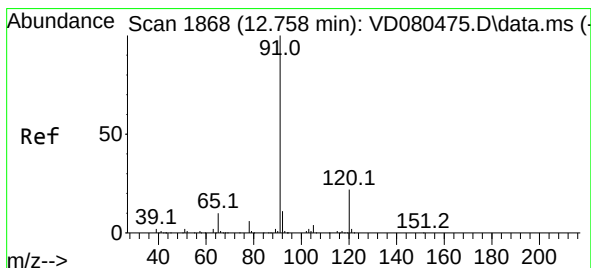
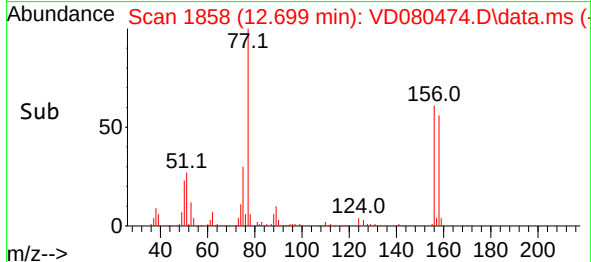
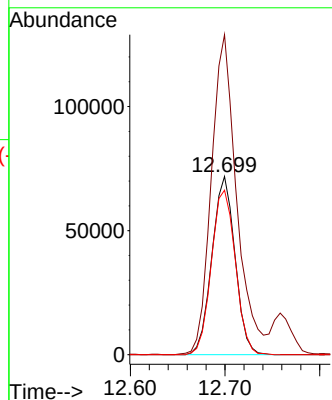
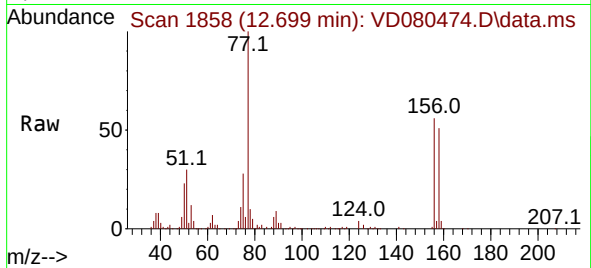




#77
Bromobenzene
Concen: 19.515 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

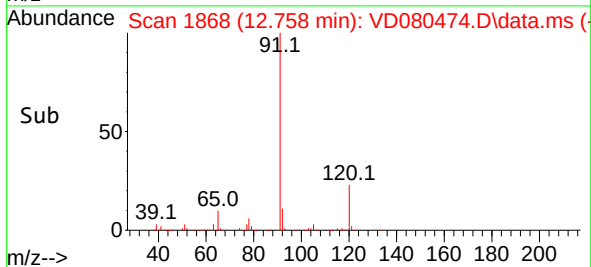
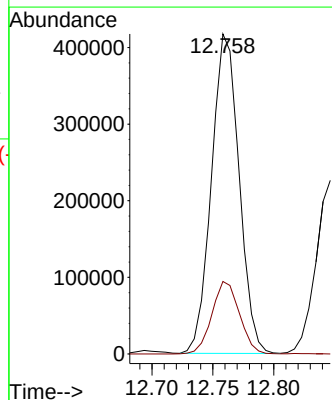
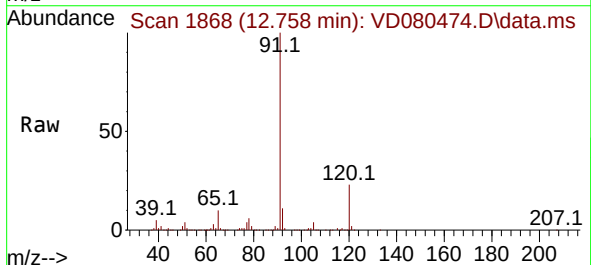
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

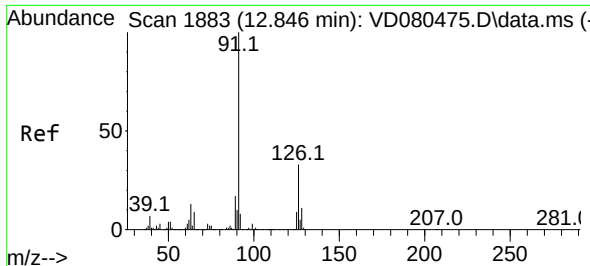
Tgt Ion:156 Resp: 121664
Ion Ratio Lower Upper
156 100
77 196.4 97.3 291.8
158 96.0 48.5 145.6



#78
n-propylbenzene
Concen: 19.648 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 91 Resp: 659373
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9

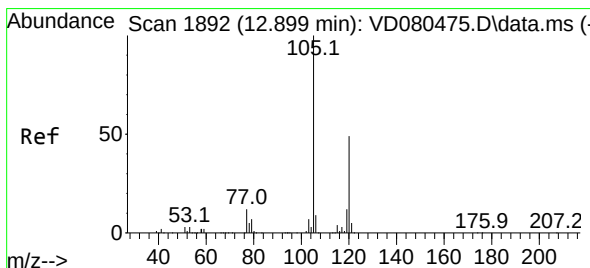
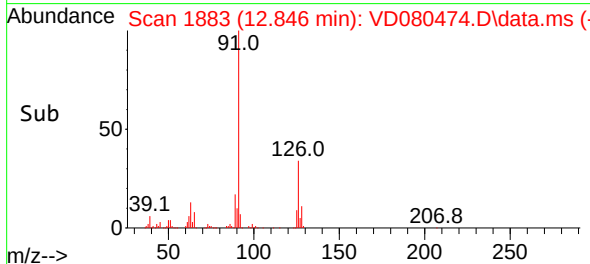
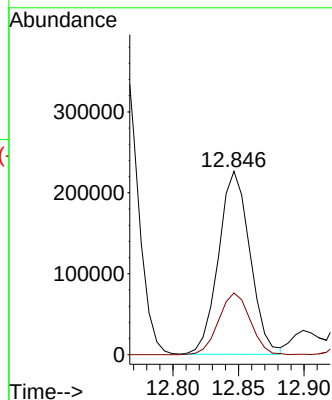
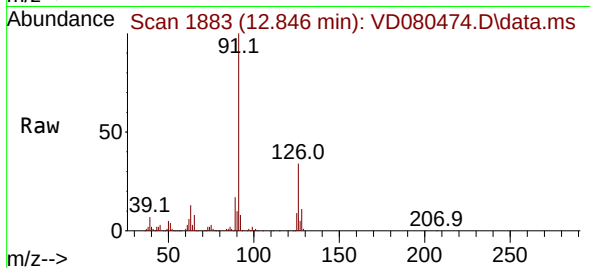




#79
2-Chlorotoluene
Concen: 19.554 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

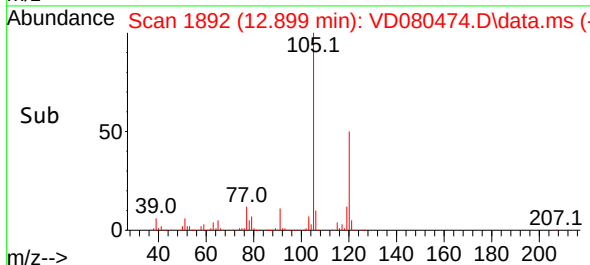
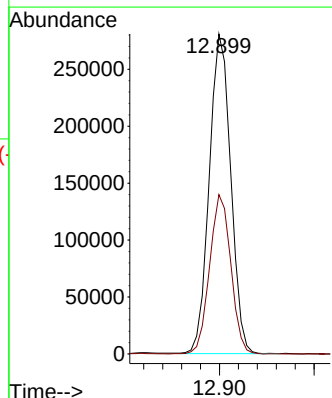
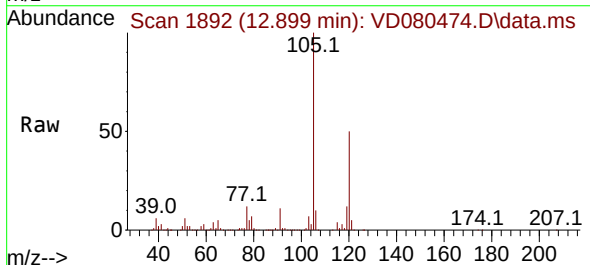
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

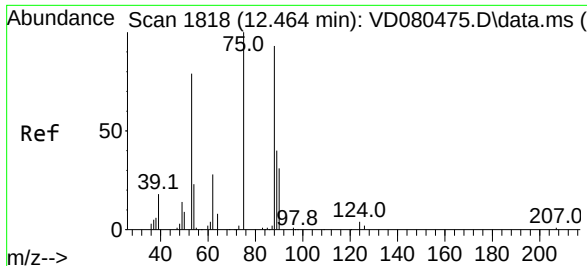
Tgt Ion: 91 Resp: 377407
Ion Ratio Lower Upper
91 100
126 33.7 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 19.578 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 105 Resp: 442593
Ion Ratio Lower Upper
105 100
120 49.2 24.5 73.5

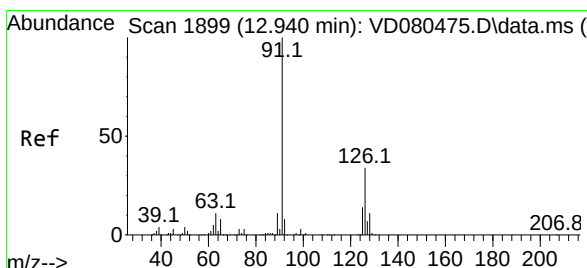
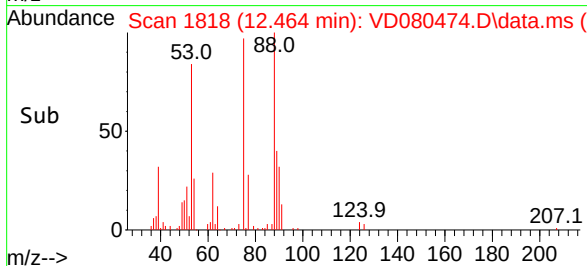
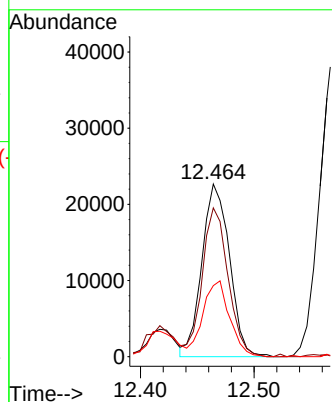
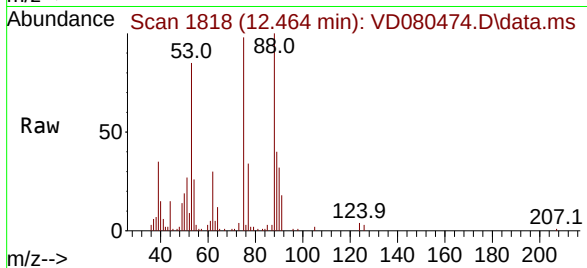




#81
trans-1,4-Dichloro-2-butene
Concen: 18.649 ug/l
RT: 12.464 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

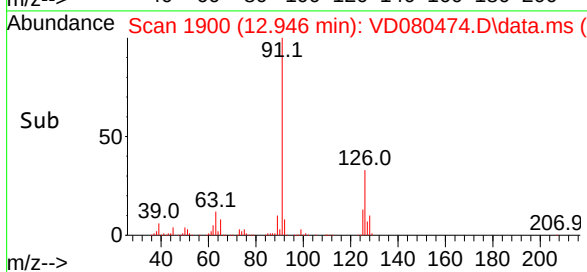
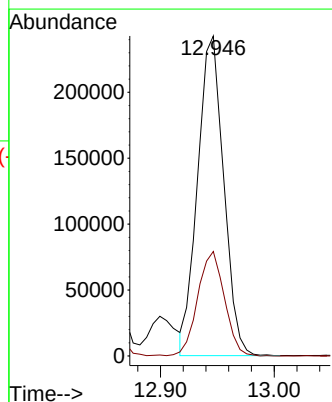
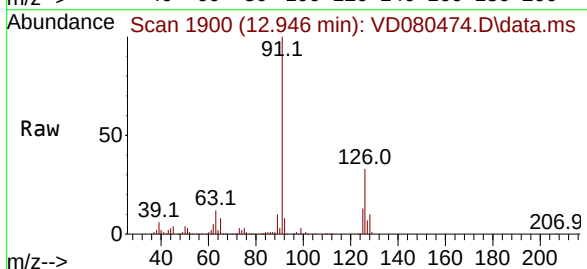
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

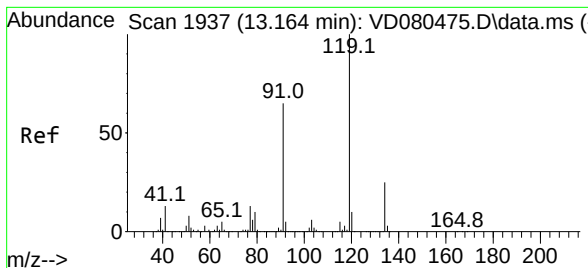
Tgt Ion: 75 Resp: 38258
Ion Ratio Lower Upper
75 100
53 81.4 61.5 92.3
89 42.4 33.0 49.6



#82
4-Chlorotoluene
Concen: 19.524 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 91 Resp: 387058
Ion Ratio Lower Upper
91 100
126 33.6 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.480 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

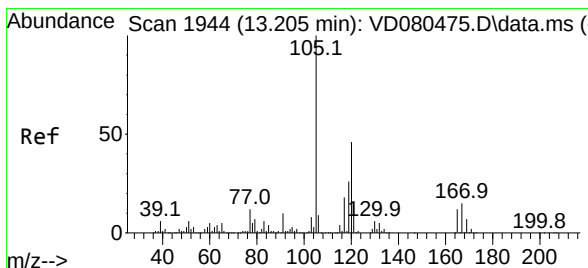
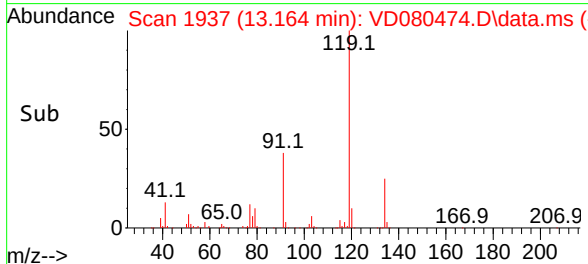
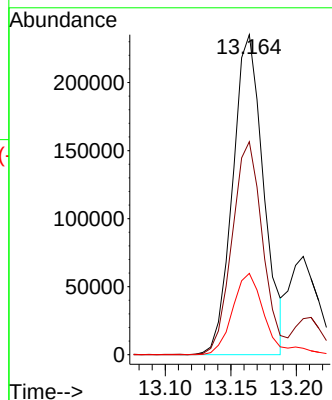
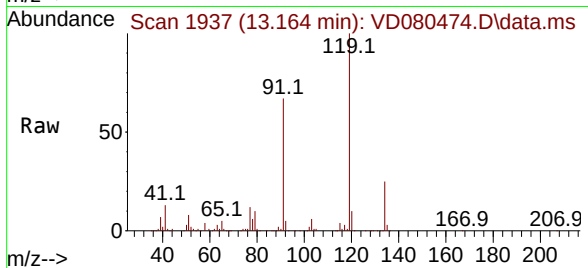
Tgt Ion:119 Resp: 385182

Ion Ratio Lower Upper

119 100

91 66.5 32.4 97.2

134 26.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 19.510 ug/l

RT: 13.205 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VD080474.D

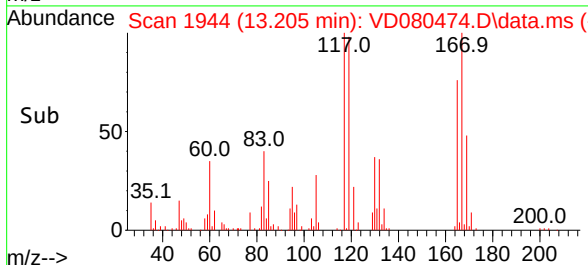
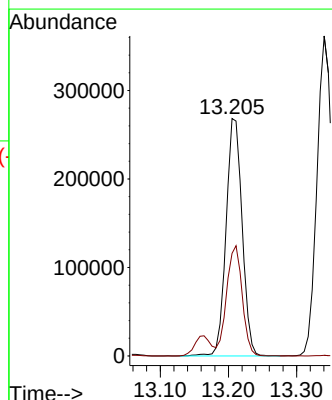
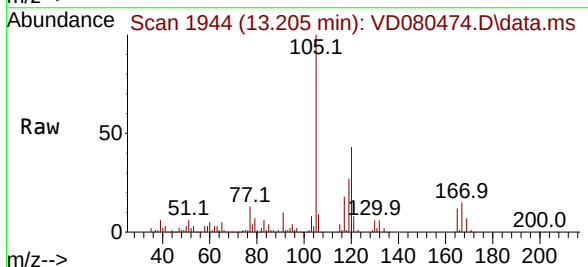
Acq: 26 Jun 2025 10:55

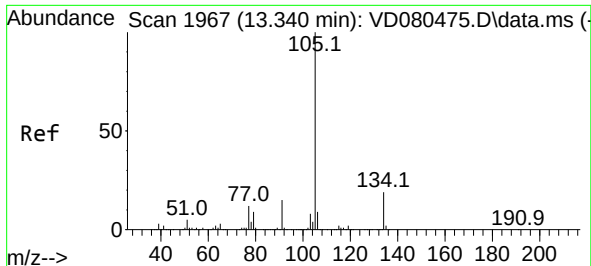
Tgt Ion:105 Resp: 440340

Ion Ratio Lower Upper

105 100

120 44.8 22.8 68.3

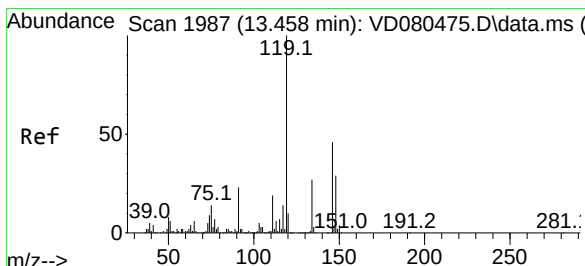
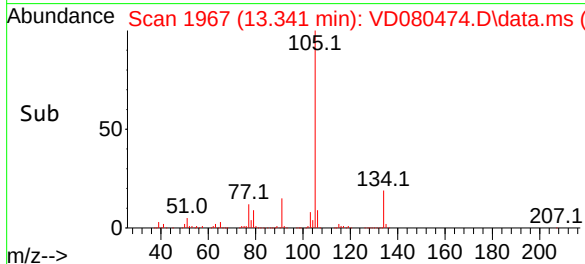
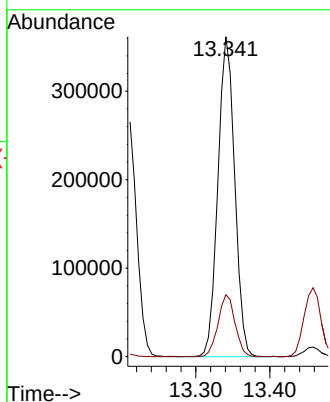
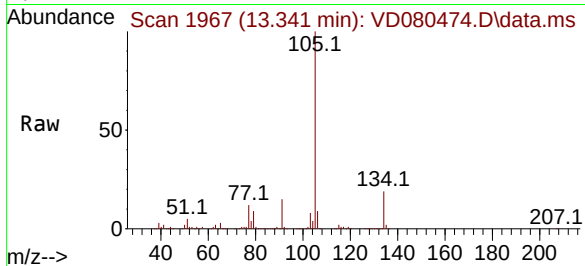




#85
 sec-Butylbenzene
 Concen: 19.472 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

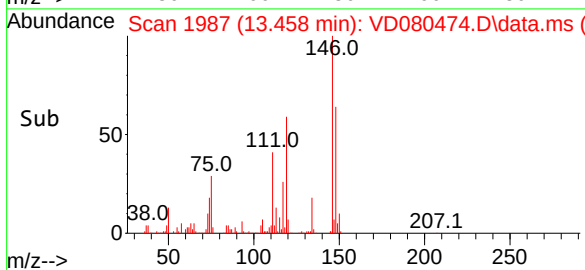
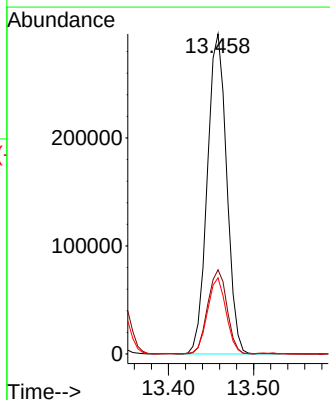
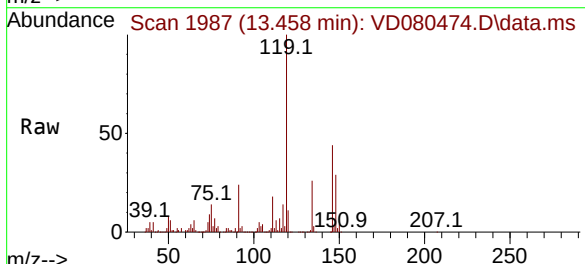
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

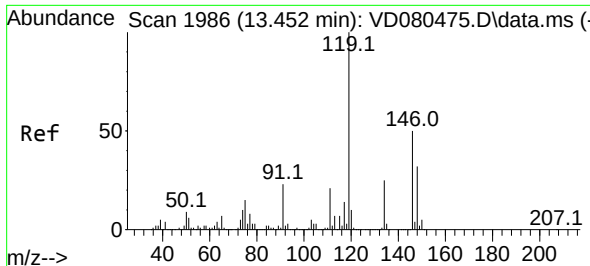
Tgt Ion:105 Resp: 568685
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.350 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

Tgt Ion:119 Resp: 467672
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 22.7 11.5 34.5



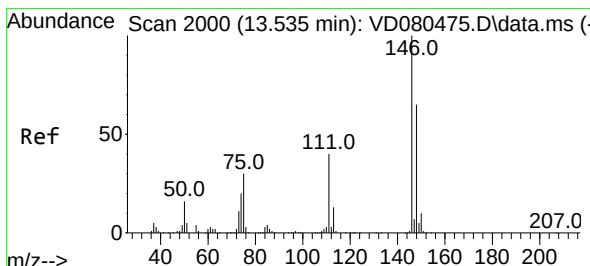
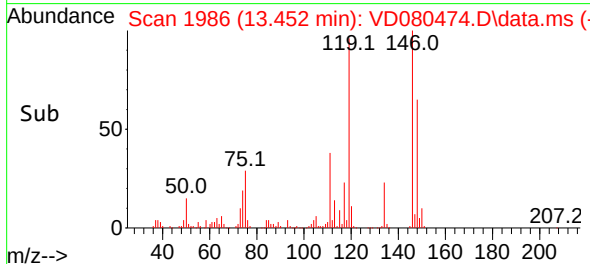
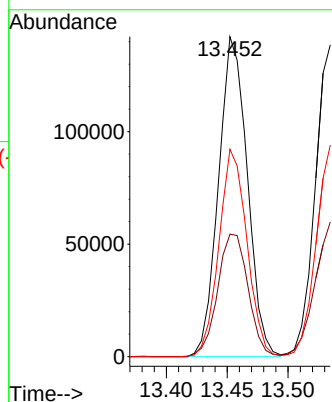
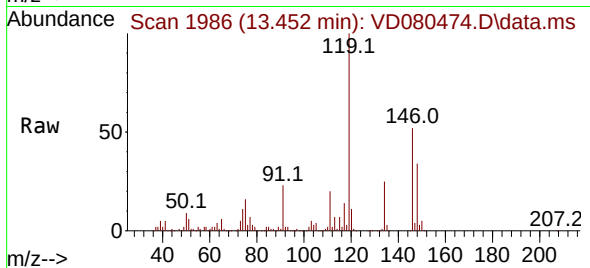


#87
 1,3-Dichlorobenzene
 Concen: 19.397 ug/l
 RT: 13.452 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 233885

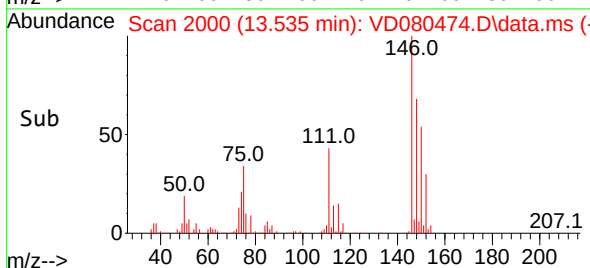
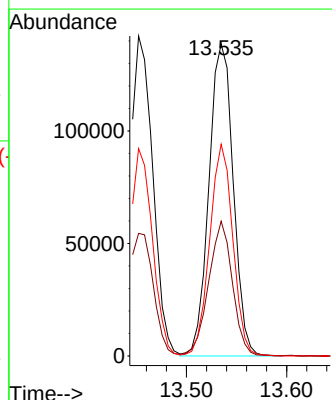
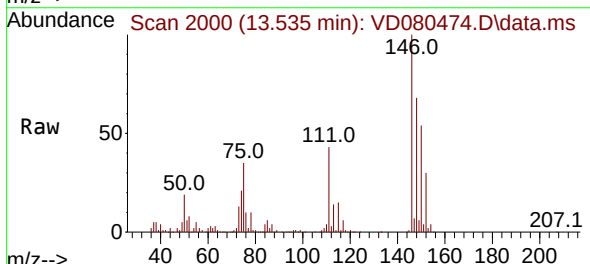
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	63.2	31.5	94.5

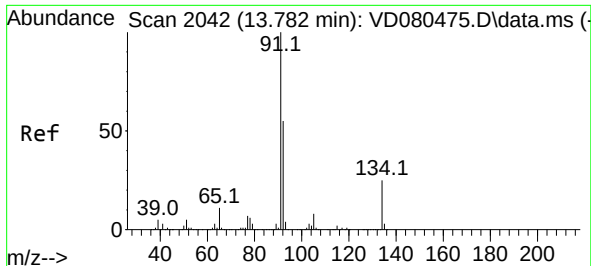


#88
 1,4-Dichlorobenzene
 Concen: 19.395 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

Tgt Ion:146 Resp: 233431

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.0	60.0
148	64.7	32.1	96.3

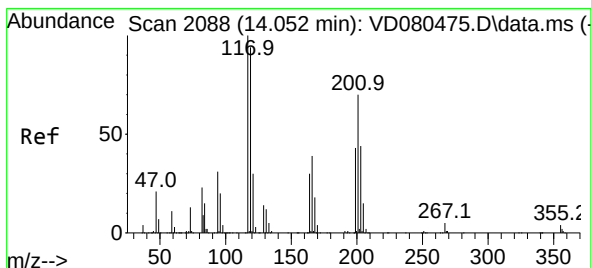
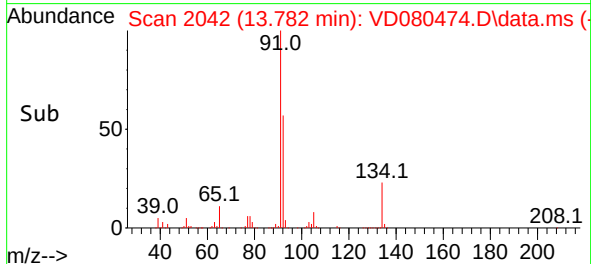
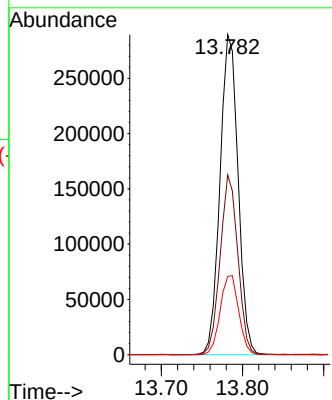
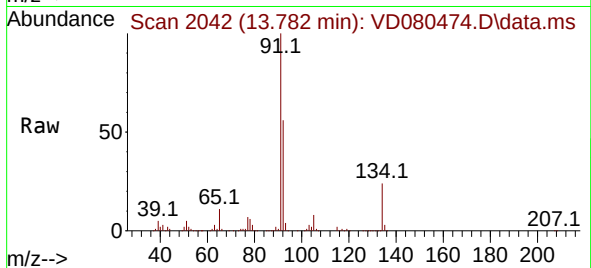




#89
n-Butylbenzene
Concen: 19.344 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

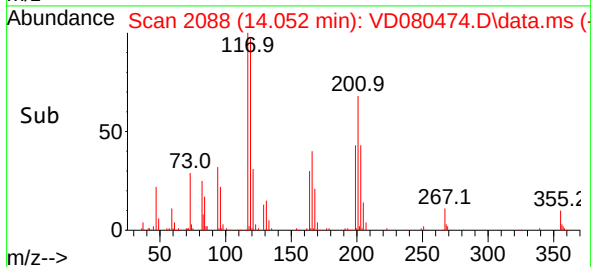
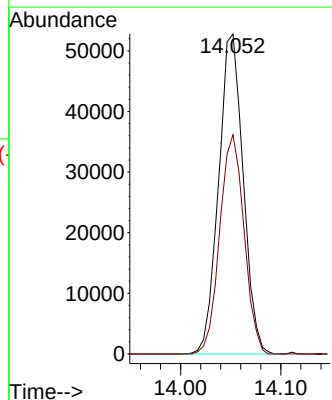
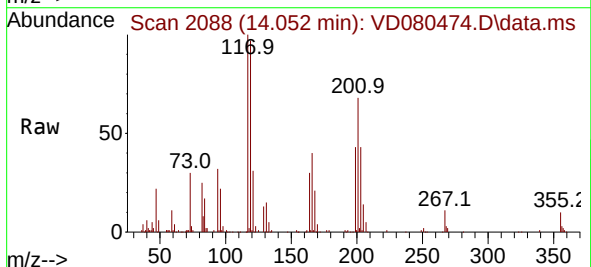
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

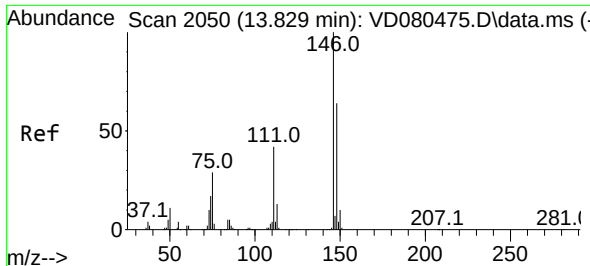
Tgt Ion: 91 Resp: 448718
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.0
134 25.3 12.6 37.8



#90
Hexachloroethane
Concen: 19.205 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080474.D
Acq: 26 Jun 2025 10:55

Tgt Ion: 117 Resp: 89677
Ion Ratio Lower Upper
117 100
201 67.8 34.2 102.5

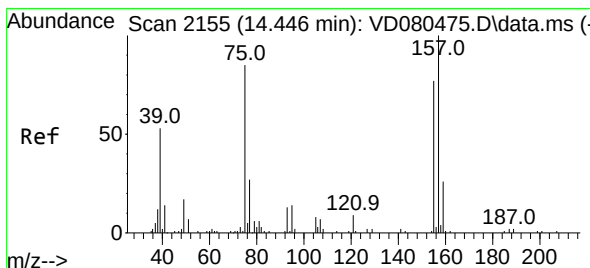
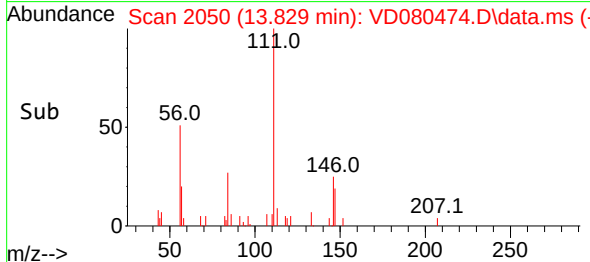
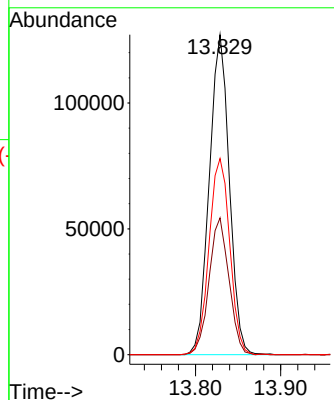
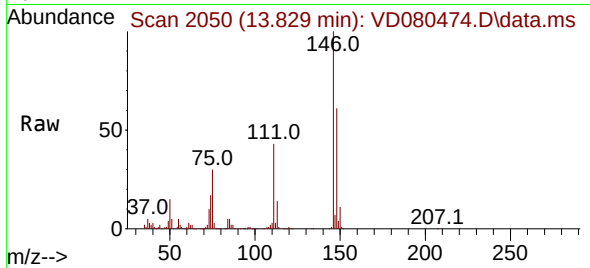




#91
 1,2-Dichlorobenzene
 Concen: 19.557 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

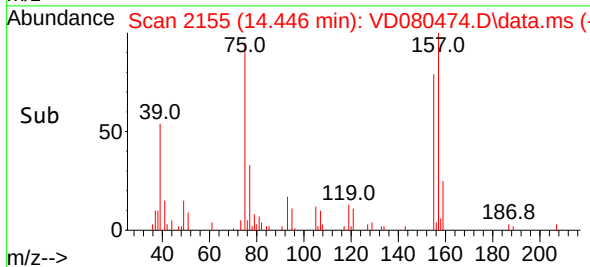
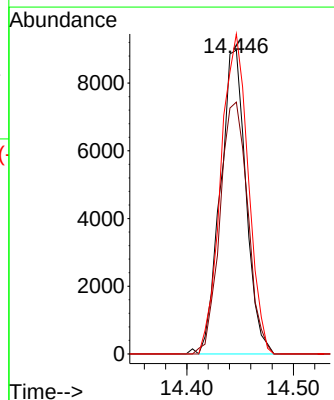
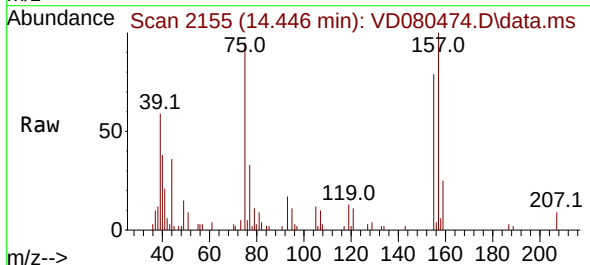
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

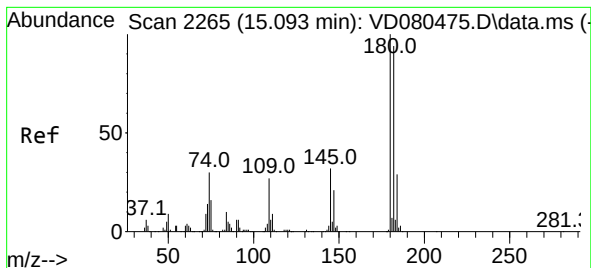
Tgt Ion:146 Resp: 207566
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 63.7
 148 63.6 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.181 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: VD080474.D
 Acq: 26 Jun 2025 10:55

Tgt Ion: 75 Resp: 15017
 Ion Ratio Lower Upper
 75 100
 155 89.3 45.6 136.8
 157 111.7 58.6 175.8





#93

1,2,4-Trichlorobenzene

Concen: 18.992 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

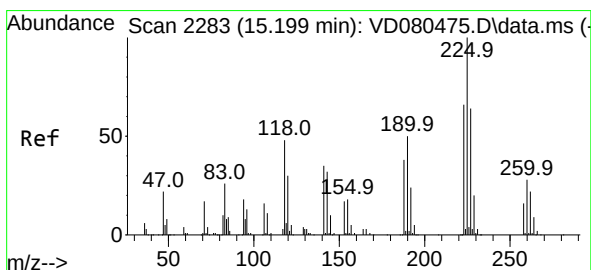
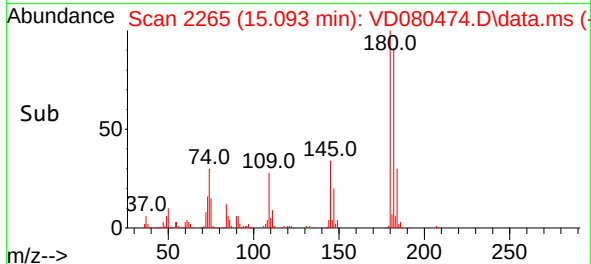
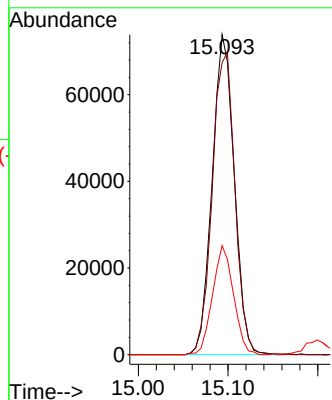
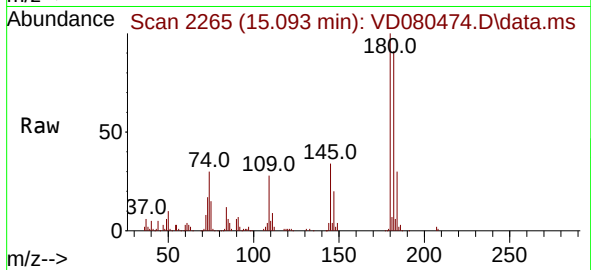
Tgt Ion:180 Resp: 126296

Ion Ratio Lower Upper

180 100

182 96.9 46.8 140.4

145 32.3 16.0 47.9



#94

Hexachlorobutadiene

Concen: 19.481 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

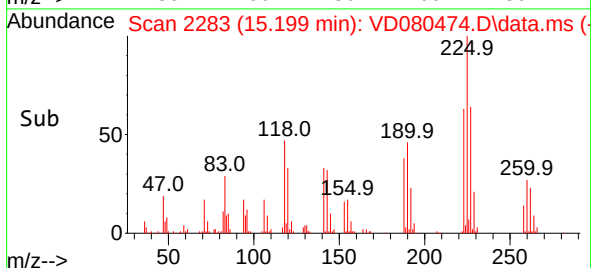
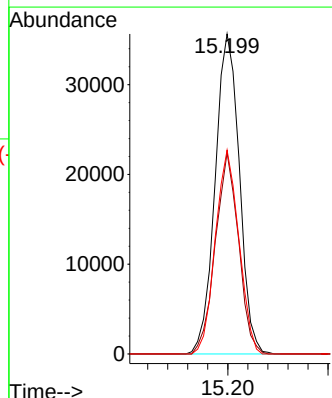
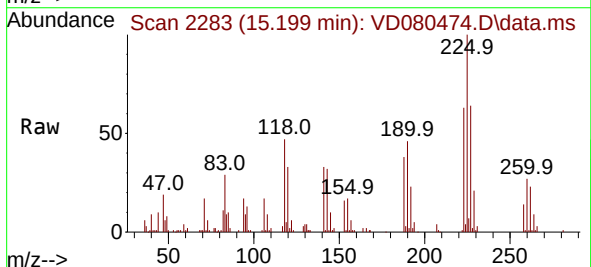
Tgt Ion:225 Resp: 59804

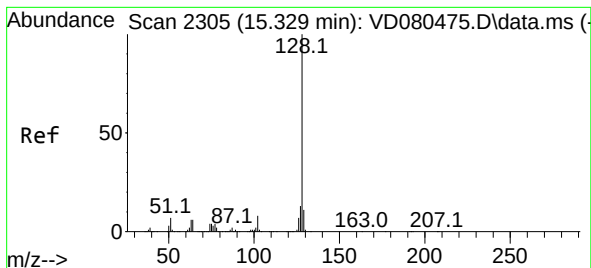
Ion Ratio Lower Upper

225 100

223 60.0 31.4 94.2

227 61.9 31.8 95.3





#95

Naphthalene

Concen: 18.945 ug/l

RT: 15.329 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

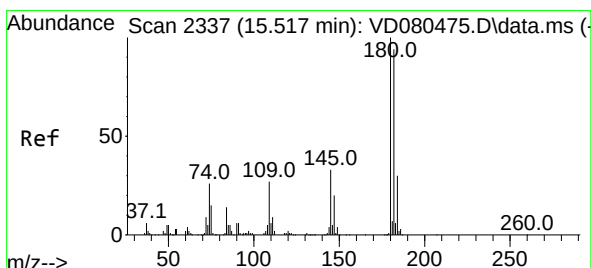
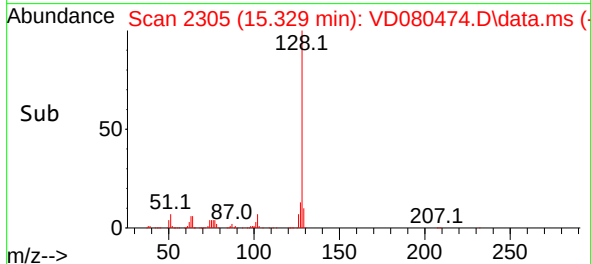
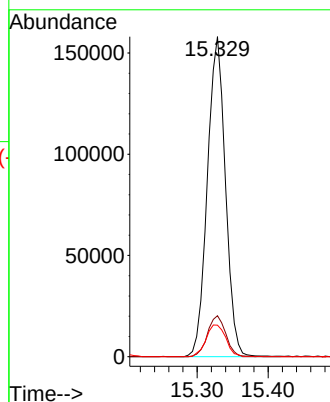
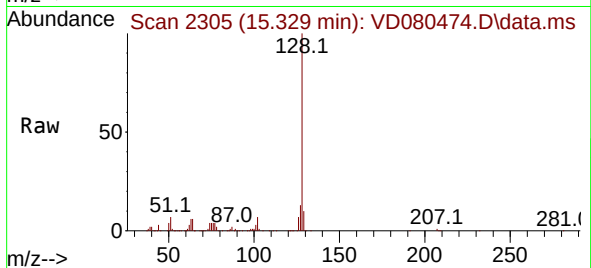
Tgt Ion:128 Resp: 279933

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 9.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.863 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080474.D

Acq: 26 Jun 2025 10:55

Tgt Ion:180 Resp: 107861

Ion Ratio Lower Upper

180 100

182 97.6 47.3 141.9

145 34.4 16.7 50.1

