

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062725\
 Data File : VD080491.D
 Acq On : 27 Jun 2025 12:34
 Operator : RP/MD
 Sample : VD0627SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBS01

Quant Time: Jun 28 03:07:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	391277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	708395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	608264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	278449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	210472	54.869	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.740%	
35) Dibromofluoromethane	7.806	113	220914	55.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.380%	
50) Toluene-d8	10.270	98	894779	55.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.680%	
62) 4-Bromofluorobenzene	12.570	95	282550	53.774	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	71790	20.638	ug/l	99
3) Chloromethane	2.147	50	105413	21.699	ug/l	99
4) Vinyl Chloride	2.288	62	106635	21.638	ug/l	94
5) Bromomethane	2.688	94	66598	24.451	ug/l	99
6) Chloroethane	2.841	64	69353	22.421	ug/l	97
7) Trichlorofluoromethane	3.182	101	129237	20.846	ug/l	95
8) Diethyl Ether	3.594	74	53101	22.004	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.970	101	87039	21.223	ug/l	98
10) Methyl Iodide	4.165	142	96748	20.032	ug/l	99
11) Tert butyl alcohol	5.047	59	30027	96.140	ug/l	96
12) 1,1-Dichloroethene	3.941	96	90005	20.325	ug/l	94
13) Acrolein	3.800	56	42696	100.315	ug/l	97
14) Allyl chloride	4.565	41	161608	20.842	ug/l	99
15) Acrylonitrile	5.259	53	115365	100.476	ug/l	98
16) Acetone	4.023	43	129558	130.723	ug/l	97
17) Carbon Disulfide	4.276	76	272651	19.497	ug/l	100
18) Methyl Acetate	4.565	43	55222	18.318	ug/l	98
19) Methyl tert-butyl Ether	5.312	73	223455	20.305	ug/l	99
20) Methylene Chloride	4.806	84	139997	24.012	ug/l	98
21) trans-1,2-Dichloroethene	5.312	96	99028	20.049	ug/l	92
22) Diisopropyl ether	6.211	45	311656	20.817	ug/l	94
23) Vinyl Acetate	6.153	43	904087	105.978	ug/l	98
24) 1,1-Dichloroethane	6.111	63	184745	21.030	ug/l	100
25) 2-Butanone	7.082	43	167438	115.106	ug/l	97
26) 2,2-Dichloropropane	7.076	77	146612	21.090	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	117345	19.873	ug/l	97
28) Bromochloromethane	7.429	49	77364	22.338	ug/l	94
29) Tetrahydrofuran	7.447	42	93856	102.415	ug/l	97
30) Chloroform	7.594	83	174304	20.728	ug/l	93
31) Cyclohexane	7.876	56	170878	20.075	ug/l	98
32) 1,1,1-Trichloroethane	7.794	97	146216	20.797	ug/l	99
36) 1,1-Dichloropropene	8.011	75	128929	20.811	ug/l	98
37) Ethyl Acetate	7.164	43	59020	19.601	ug/l	97
38) Carbon Tetrachloride	7.994	117	121597	20.543	ug/l	96
39) Methylcyclohexane	9.270	83	172204	20.189	ug/l	98
40) Benzene	8.253	78	408730	20.556	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	43396	22.550	ug/l	90
42) 1,2-Dichloroethane	8.323	62	96324	20.592	ug/l	100
43) Isopropyl Acetate	8.358	43	123575	20.854	ug/l	99
44) Trichloroethene	9.029	130	101414	21.045	ug/l	96
45) 1,2-Dichloropropane	9.305	63	100795	20.902	ug/l	97
46) Dibromomethane	9.394	93	52722	20.505	ug/l	99
47) Bromodichloromethane	9.588	83	133780	20.987	ug/l	98
48) Methyl methacrylate	9.382	41	61600	20.549	ug/l	97
49) 1,4-Dioxane	9.382	88	12284	368.282	ug/l	98
51) 4-Methyl-2-Pentanone	10.158	43	315168	104.735	ug/l	97
52) Toluene	10.335	92	254876	20.509	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	130604	20.457	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	159344	20.776	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	72426	20.664	ug/l	98
56) Ethyl methacrylate	10.594	69	100693	20.126	ug/l	98
57) 1,3-Dichloropropane	10.882	76	124520	20.305	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	201413	105.411	ug/l	99
59) 2-Hexanone	10.917	43	235551	110.600	ug/l	99
60) Dibromochloromethane	11.070	129	89090	20.594	ug/l	100
61) 1,2-Dibromoethane	11.176	107	67383	20.106	ug/l	98
64) Tetrachloroethene	10.811	164	79816	21.142	ug/l	99
65) Chlorobenzene	11.605	112	271563	20.700	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.682	131	88262	21.407	ug/l	97
67) Ethyl Benzene	11.682	91	481268	20.974	ug/l	100
68) m/p-Xylenes	11.788	106	366072	41.897	ug/l	99
69) o-Xylene	12.117	106	173265	20.550	ug/l	99
70) Styrene	12.135	104	298408	20.924	ug/l	99
71) Bromoform	12.299	173	48643	20.715	ug/l #	99
73) Isopropylbenzene	12.417	105	453096	20.932	ug/l	99
74) N-amyl acetate	12.229	43	117723	20.771	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	79723	19.780	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	103806	43.856	ug/l #	100
77) Bromobenzene	12.699	156	98714	20.392	ug/l	99
78) n-propylbenzene	12.758	91	544033	20.879	ug/l	99
79) 2-Chlorotoluene	12.846	91	305206	20.366	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	362511	20.652	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	30282	19.011	ug/l	93
82) 4-Chlorotoluene	12.946	91	312923	20.329	ug/l	100
83) tert-Butylbenzene	13.164	119	315954	20.579	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	358934	20.482	ug/l	100
85) sec-Butylbenzene	13.341	105	478035	21.081	ug/l	100
86) p-Isopropyltoluene	13.458	119	388635	20.710	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	191948	20.503	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	193310	20.686	ug/l	99
89) n-Butylbenzene	13.782	91	379943	21.096	ug/l	99
90) Hexachloroethane	14.052	117	73967	20.401	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	170051	20.636	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	11480	18.885	ug/l	96
93) 1,2,4-Trichlorobenzene	15.093	180	104603	20.259	ug/l	99
94) Hexachlorobutadiene	15.199	225	49007	20.560	ug/l	99
95) Naphthalene	15.329	128	223337	19.466	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	89557	20.172	ug/l	99

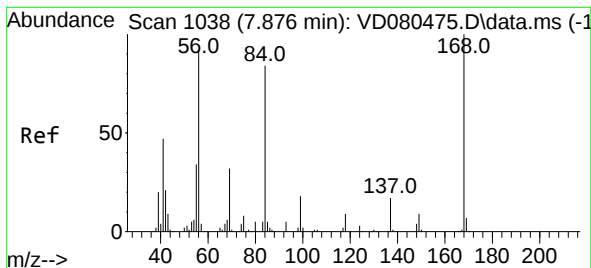
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062725\
Data File : VD080491.D
Acq On : 27 Jun 2025 12:34
Operator : RP/MD
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Misc : 5.00G/5ml/MSVOA_D/SOIL
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Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:36 2025
Response via : Initial Calibration

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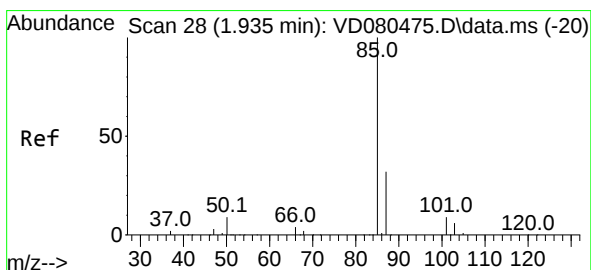
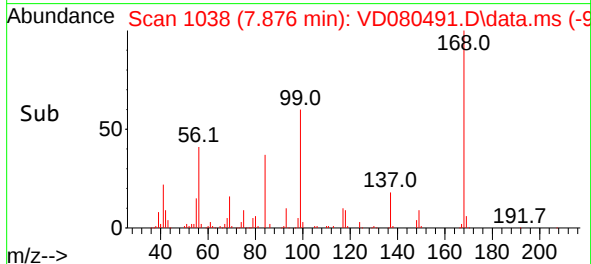
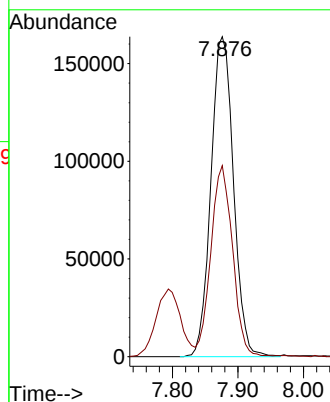
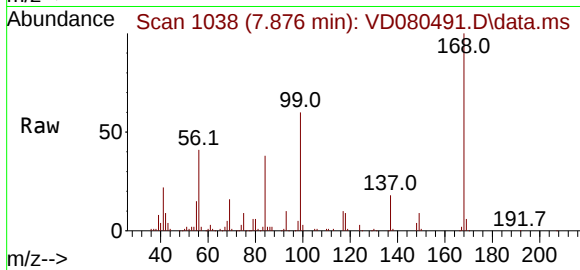
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

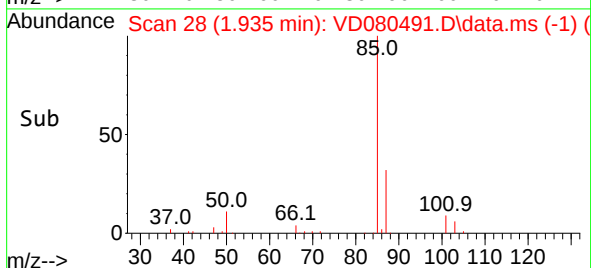
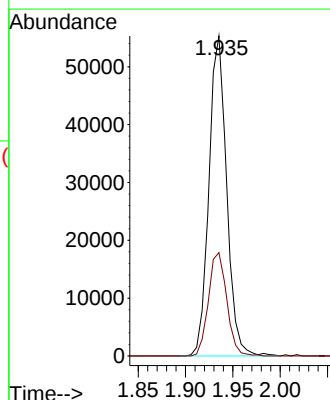
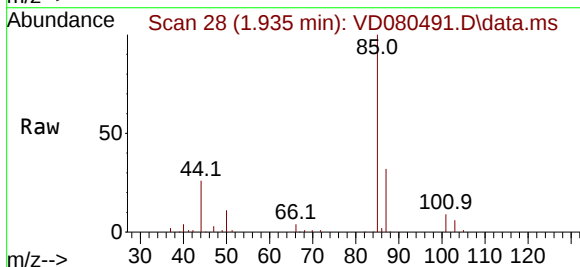
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

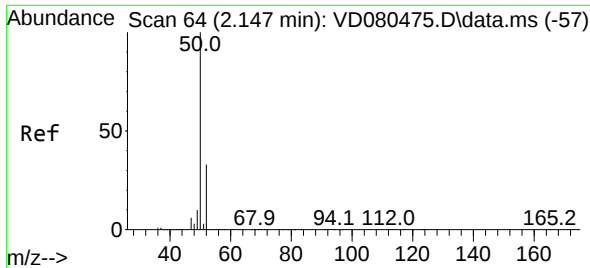
Tgt Ion:168 Resp: 391277
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 20.638 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 85 Resp: 71790
Ion Ratio Lower Upper
85 100
87 32.3 16.0 47.9

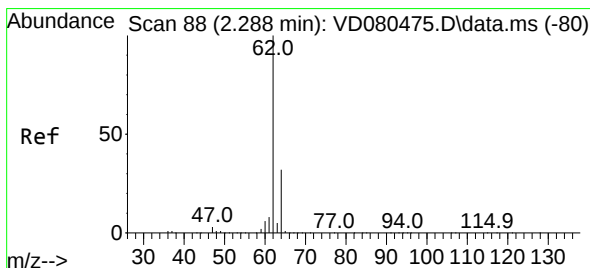
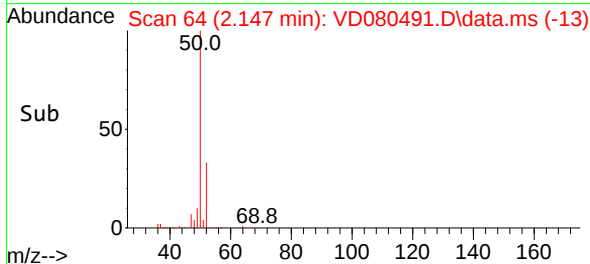
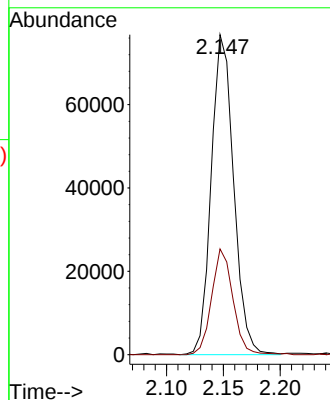
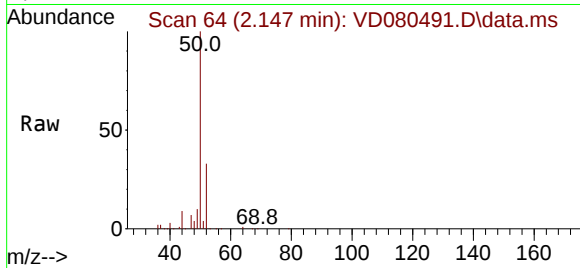




#3
Chloromethane
Concen: 21.699 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

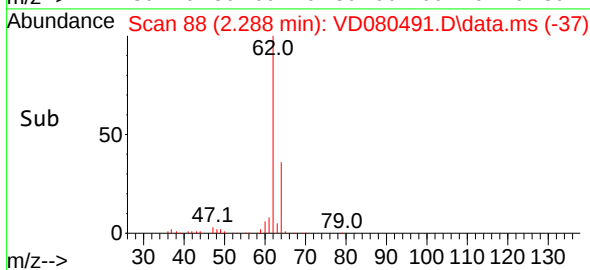
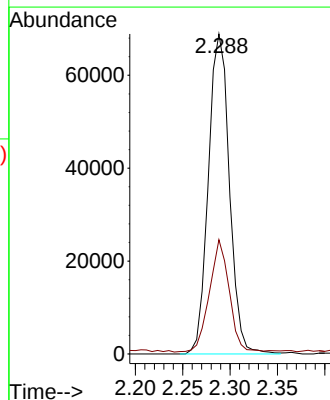
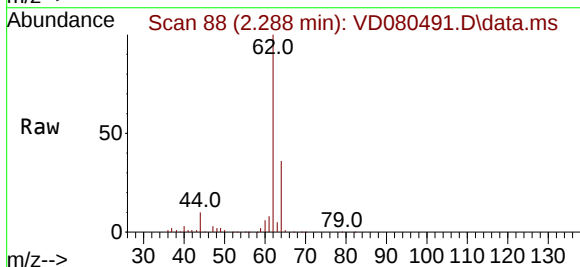
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

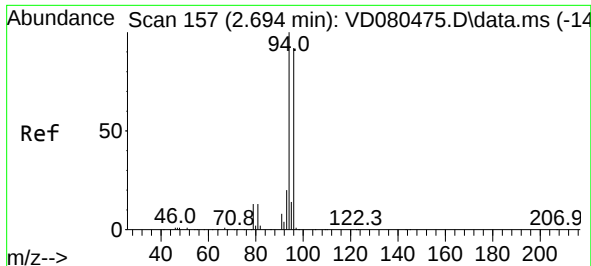
Tgt Ion: 50 Resp: 105413
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1



#4
Vinyl Chloride
Concen: 21.638 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 62 Resp: 106635
Ion Ratio Lower Upper
62 100
64 35.0 25.5 38.3

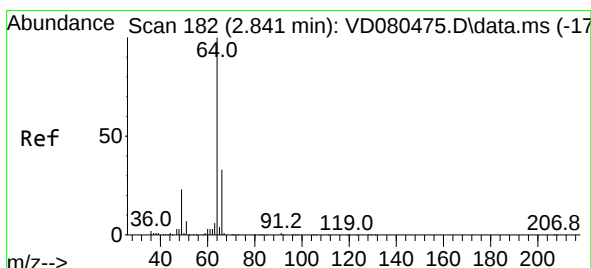
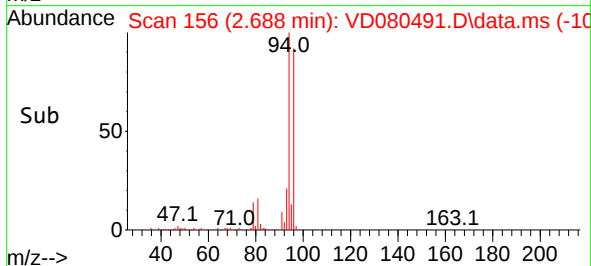
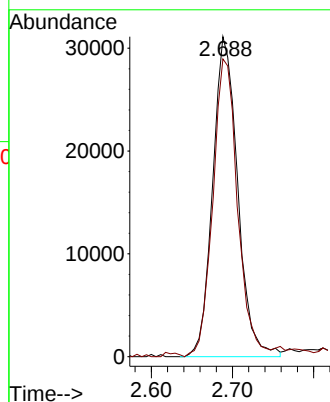
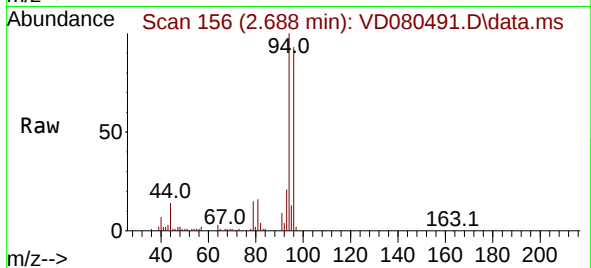




#5
Bromomethane
Concen: 24.451 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

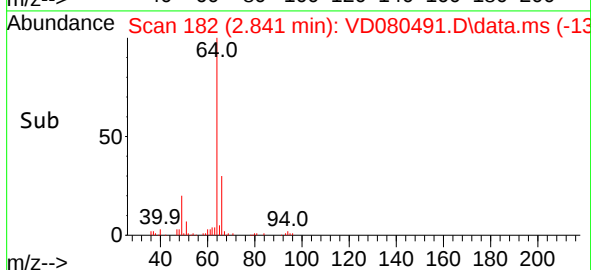
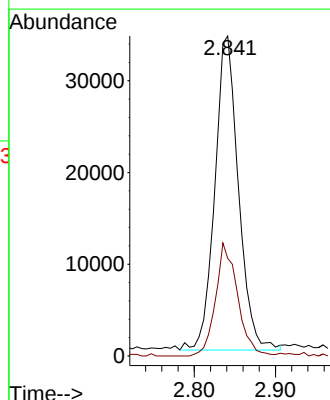
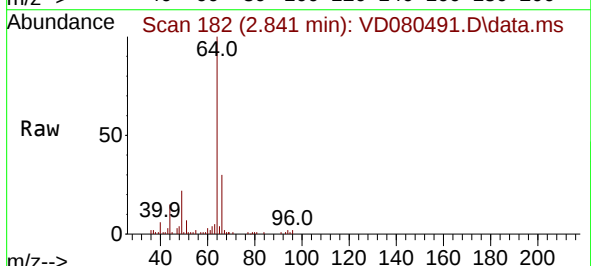
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

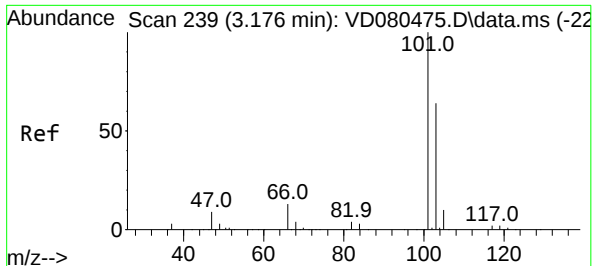
Tgt Ion: 94 Resp: 66598
Ion Ratio Lower Upper
94 100
96 92.1 74.8 112.2



#6
Chloroethane
Concen: 22.421 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 64 Resp: 69353
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5

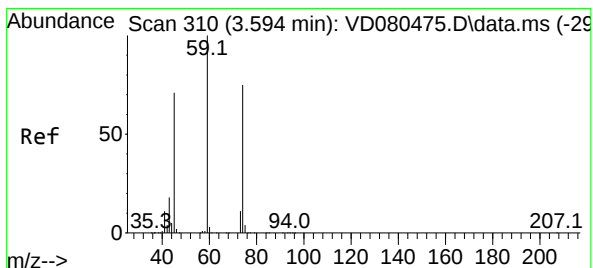
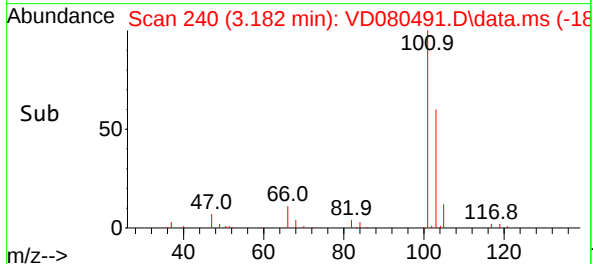
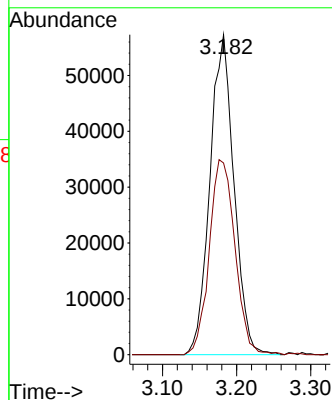
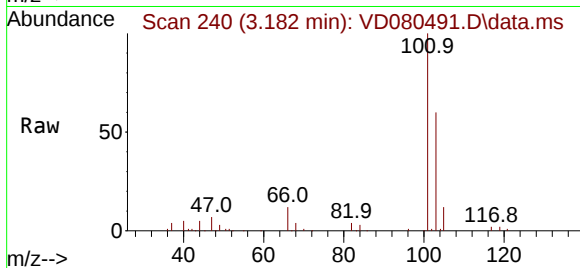




#7
Trichlorofluoromethane
Concen: 20.846 ug/l
RT: 3.182 min Scan# 24
Delta R.T. 0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

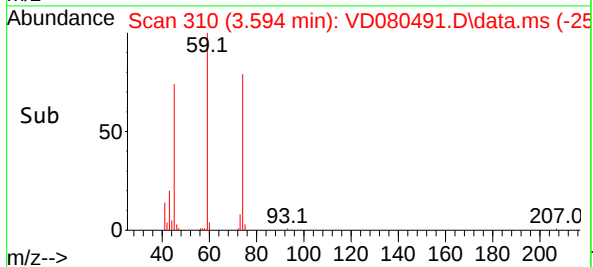
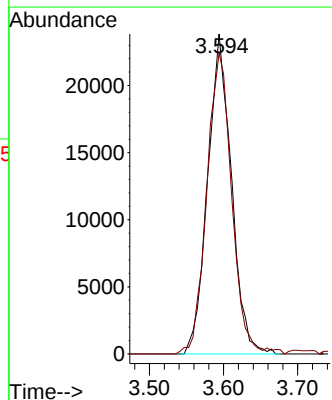
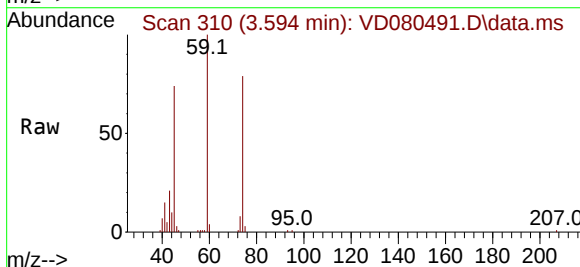
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MSVOA_D
ClientSampleId :
VD0627SBSD01

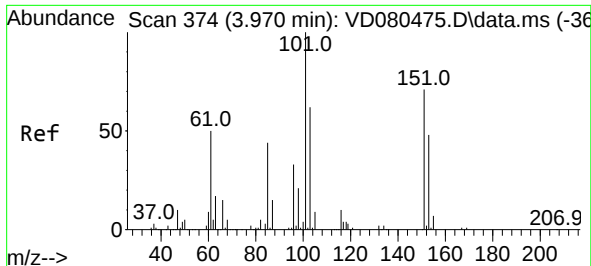
Tgt Ion:101 Resp: 129237
Ion Ratio Lower Upper
101 100
103 59.9 51.3 76.9



#8
Diethyl Ether
Concen: 22.004 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 74 Resp: 53101
Ion Ratio Lower Upper
74 100
45 97.7 46.6 139.8

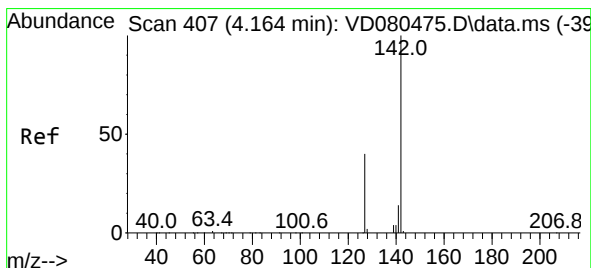
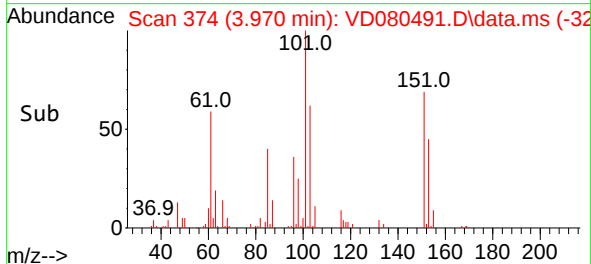
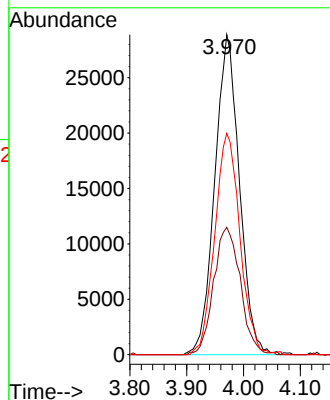
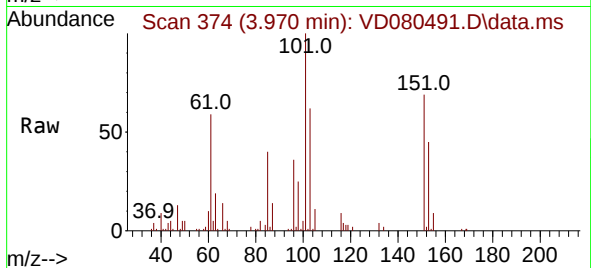




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.223 ug/l
RT: 3.970 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

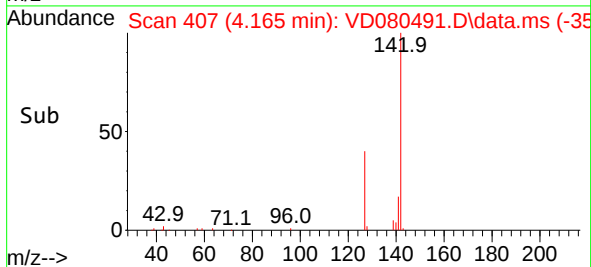
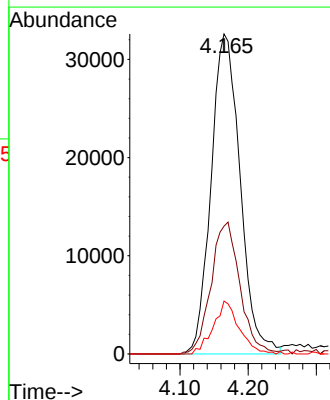
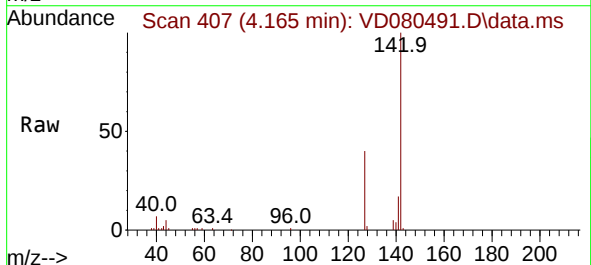
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

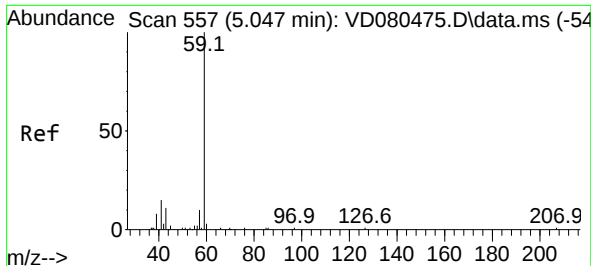
Tgt Ion:101 Resp: 87039
Ion Ratio Lower Upper
101 100
85 43.1 34.0 51.0
151 70.7 58.4 87.6



#10
Methyl Iodide
Concen: 20.032 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion:142 Resp: 96748
Ion Ratio Lower Upper
142 100
127 40.9 32.6 49.0
141 14.7 11.1 16.7

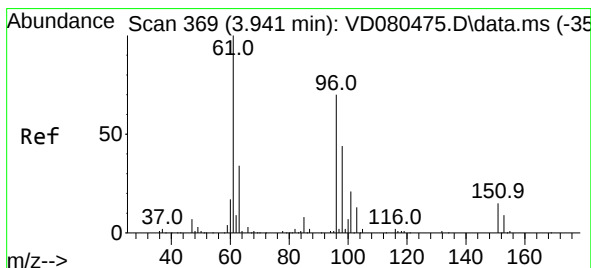
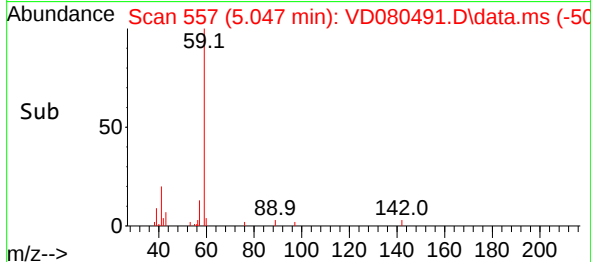
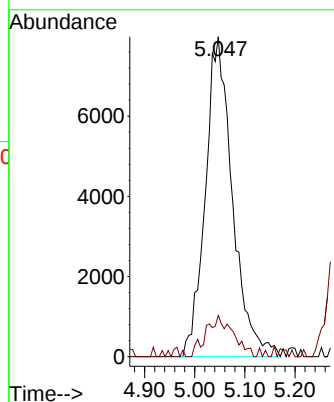
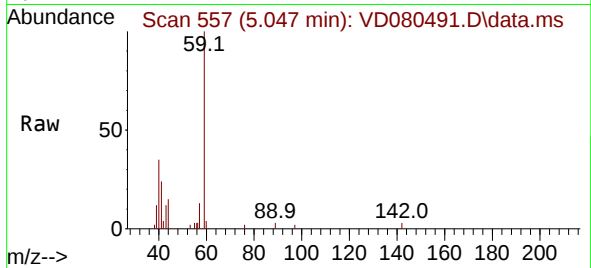




#11
Tert butyl alcohol
Concen: 96.140 ug/l
RT: 5.047 min Scan# 511
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

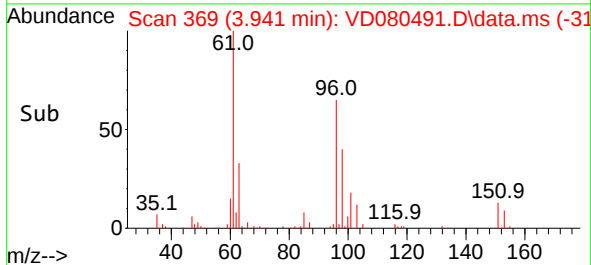
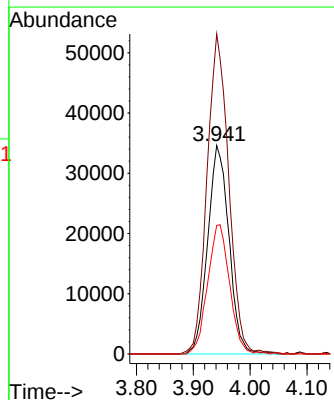
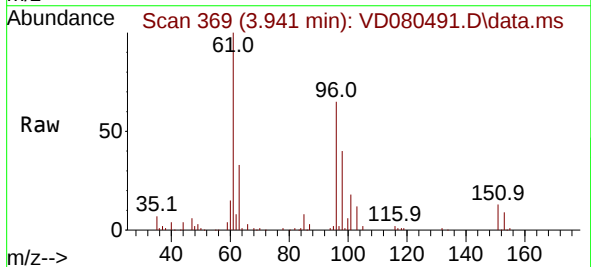
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

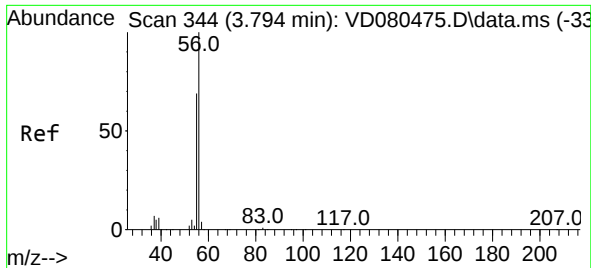
Tgt Ion: 59 Resp: 30027
Ion Ratio Lower Upper
59 100
57 12.7 8.8 13.2



#12
1,1-Dichloroethene
Concen: 20.325 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 96 Resp: 90005
Ion Ratio Lower Upper
96 100
61 153.4 114.9 172.3
98 61.6 50.5 75.7

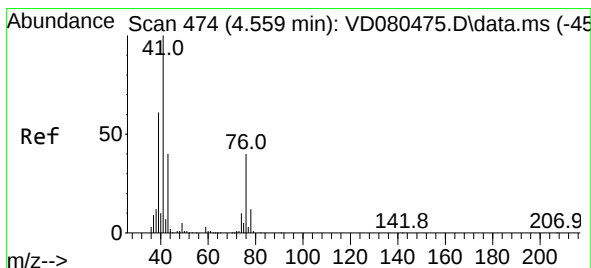
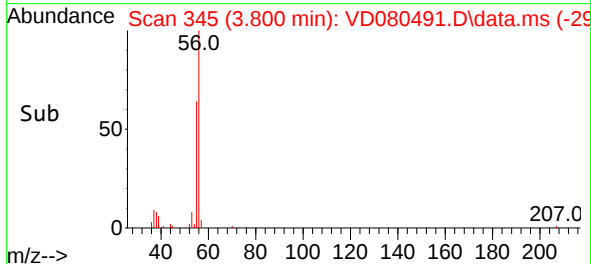
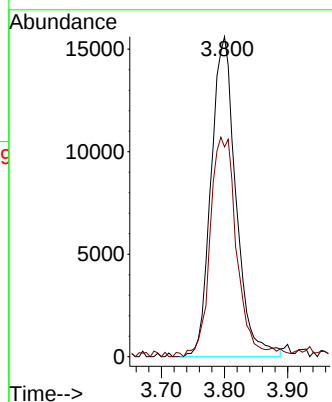
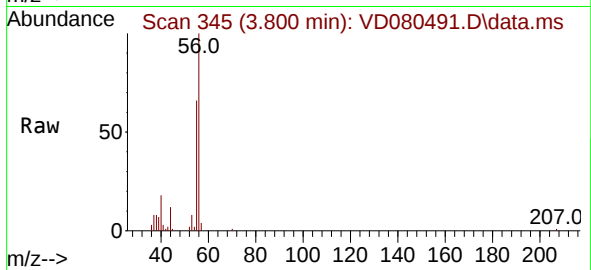




#13
Acrolein
Concen: 100.315 ug/l
RT: 3.800 min Scan# 344
Delta R.T. 0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

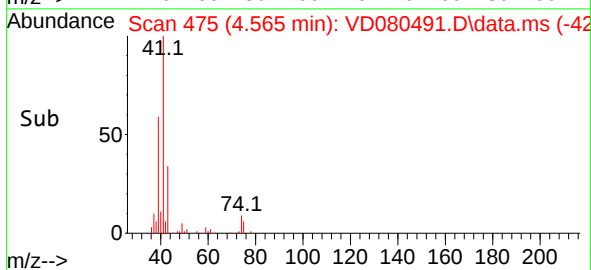
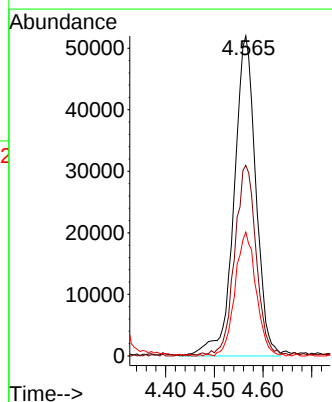
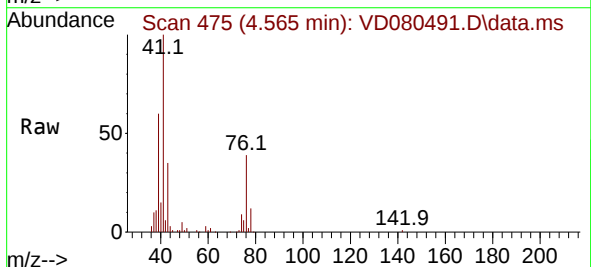
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

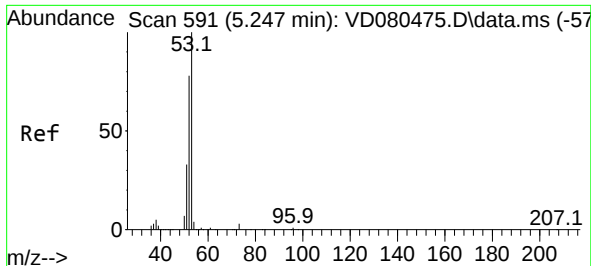
Tgt Ion: 56 Resp: 42696
Ion Ratio Lower Upper
56 100
55 72.7 56.2 84.2



#14
Allyl chloride
Concen: 20.842 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 41 Resp: 161608
Ion Ratio Lower Upper
41 100
39 59.5 47.4 71.2
76 37.2 30.5 45.7

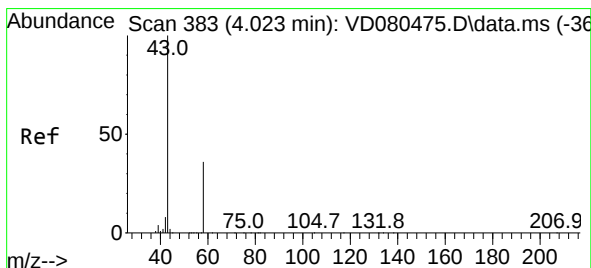
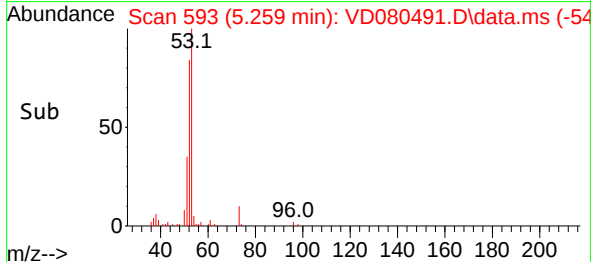
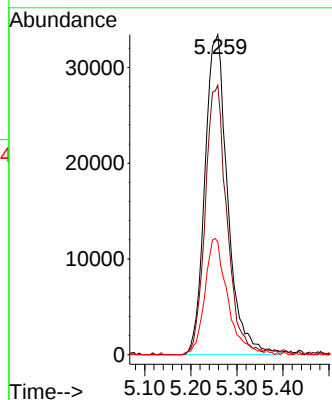
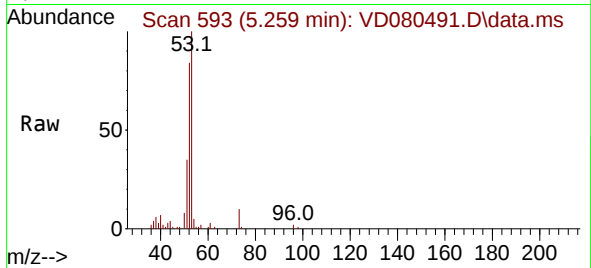




#15
Acrylonitrile
Concen: 100.476 ug/l
RT: 5.259 min Scan# 593
Delta R.T. 0.012 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

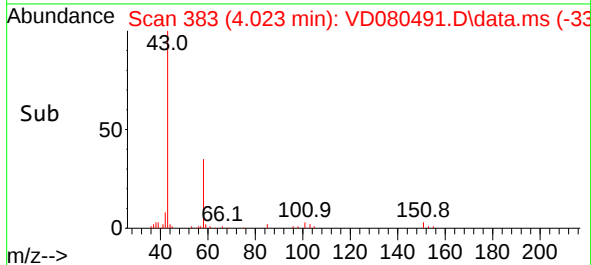
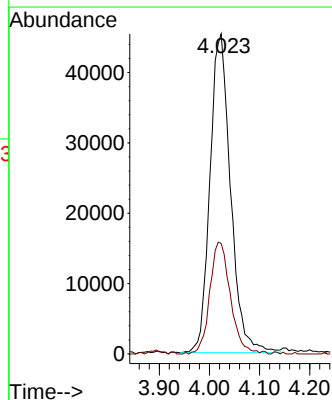
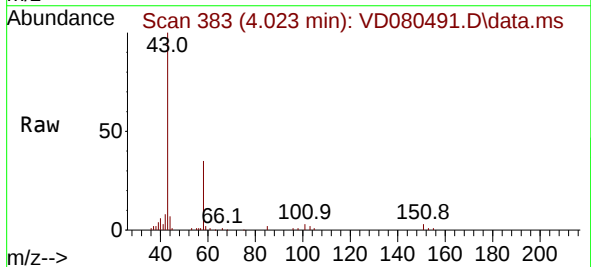
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

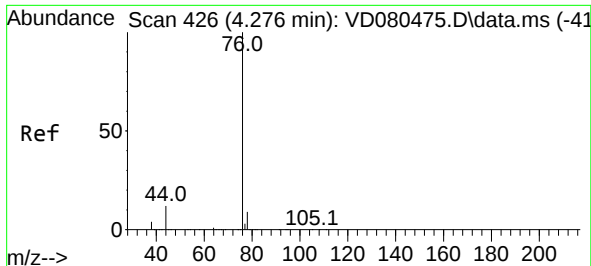
Tgt Ion: 53 Resp: 115365
Ion Ratio Lower Upper
53 100
52 79.9 64.7 97.1
51 36.5 27.9 41.9



#16
Acetone
Concen: 130.723 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 43 Resp: 129558
Ion Ratio Lower Upper
43 100
58 34.7 29.0 43.4

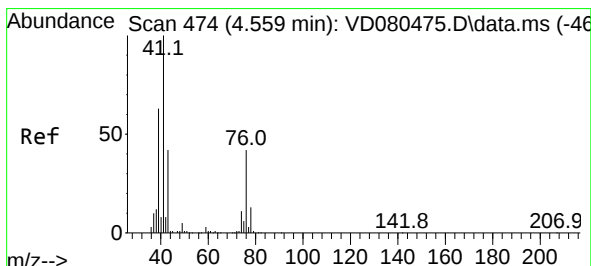
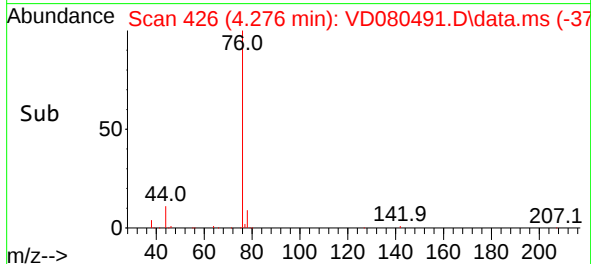
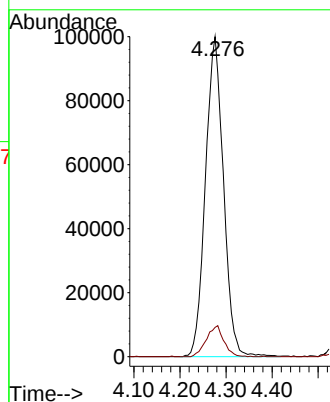
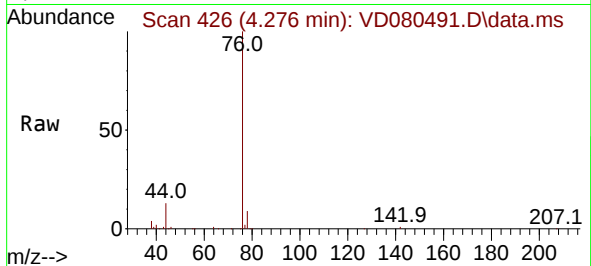




#17
Carbon Disulfide
Concen: 19.497 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

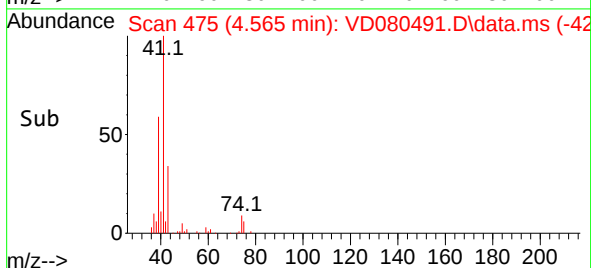
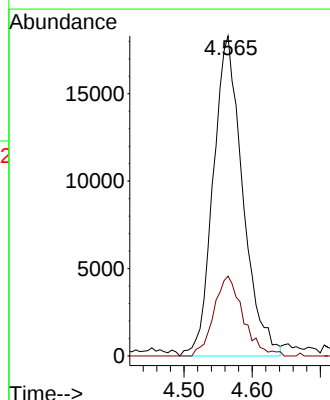
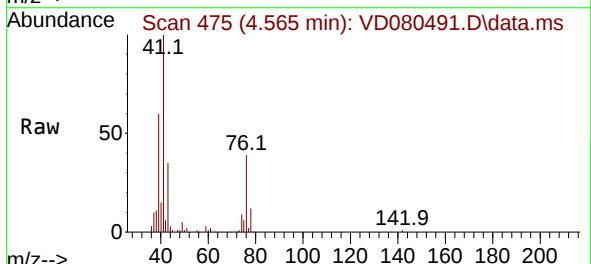
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

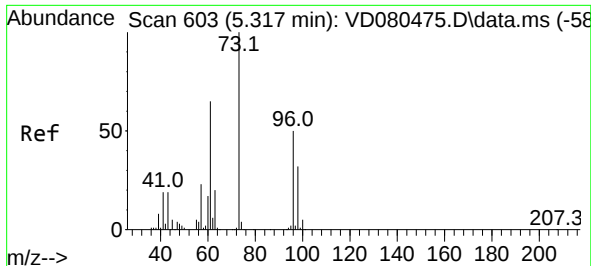
Tgt Ion: 76 Resp: 272651
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 18.318 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 43 Resp: 55222
Ion Ratio Lower Upper
43 100
74 24.7 20.4 30.6

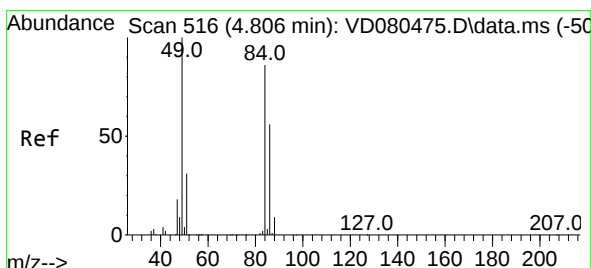
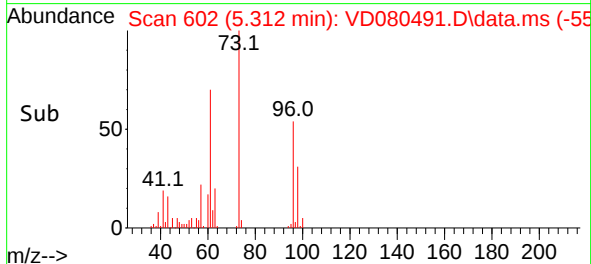
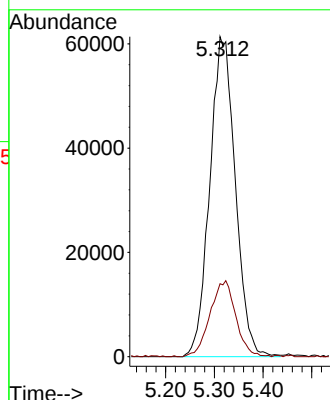
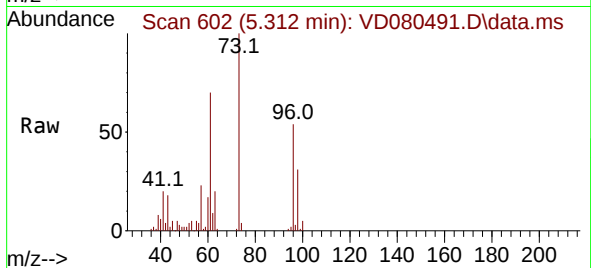




#19
Methyl tert-butyl Ether
Concen: 20.305 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

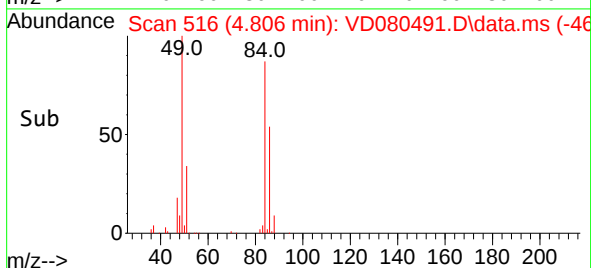
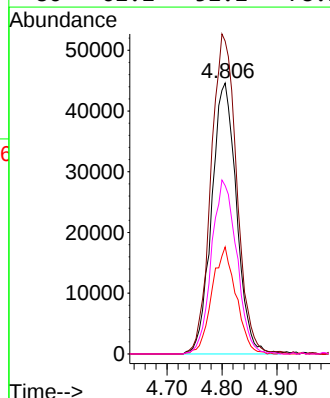
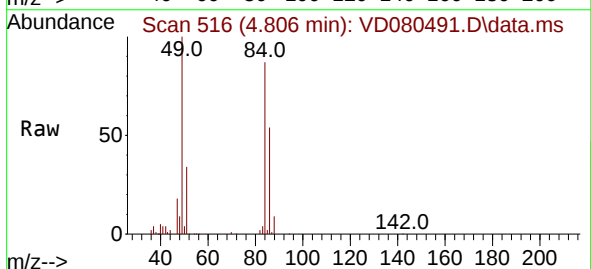
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

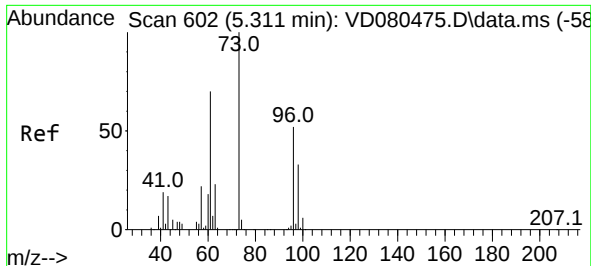
Tgt Ion: 73 Resp: 223455
Ion Ratio Lower Upper
73 100
57 22.8 18.5 27.7



#20
Methylene Chloride
Concen: 24.012 ug/l
RT: 4.806 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 84 Resp: 139997
Ion Ratio Lower Upper
84 100
49 115.5 92.8 139.2
51 39.5 29.0 43.6
86 62.2 52.2 78.2

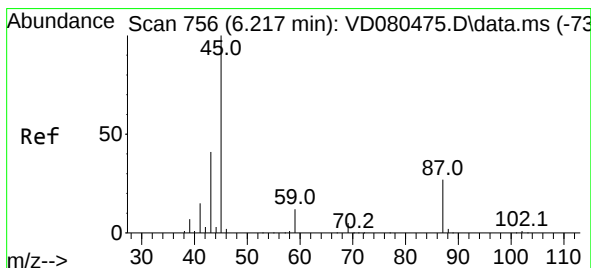
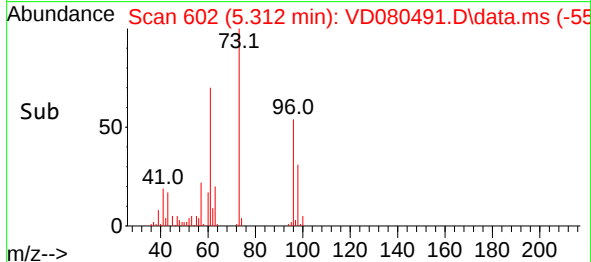
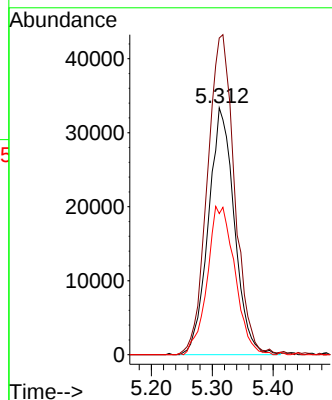
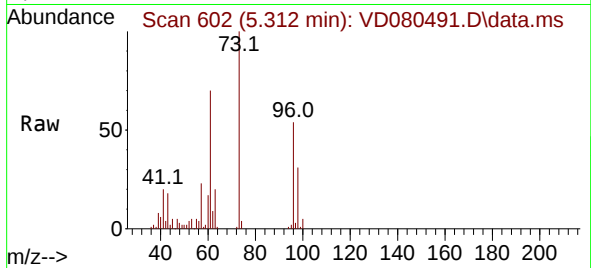




#21
trans-1,2-Dichloroethene
Concen: 20.049 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

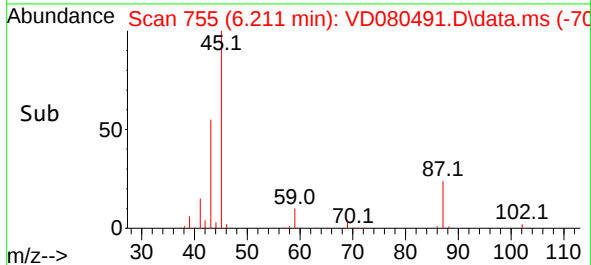
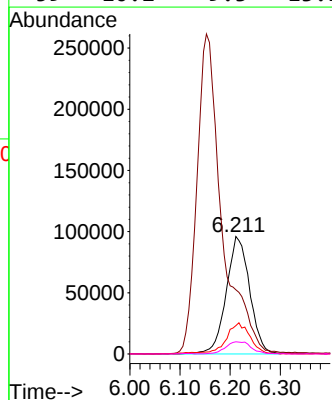
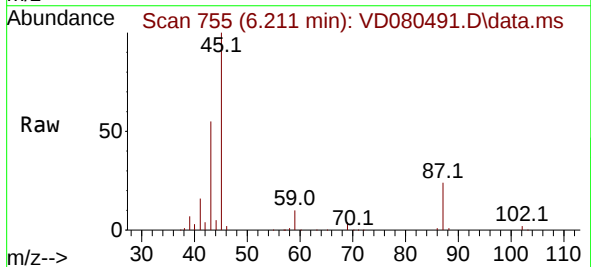
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

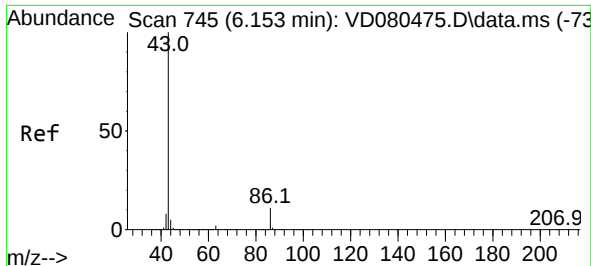
Tgt Ion: 96 Resp: 99028
Ion Ratio Lower Upper
96 100
61 127.6 108.6 163.0
98 56.7 51.5 77.3



#22
Diisopropyl ether
Concen: 20.817 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 45 Resp: 311656
Ion Ratio Lower Upper
45 100
43 53.2 39.5 59.3
87 24.2 22.3 33.5
59 10.2 9.3 13.9

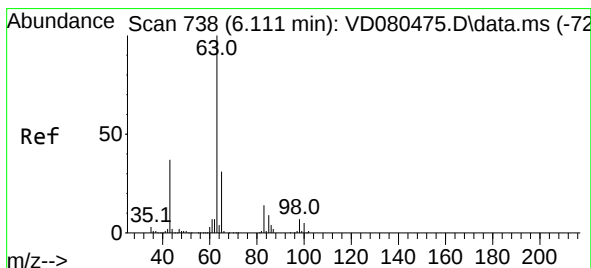
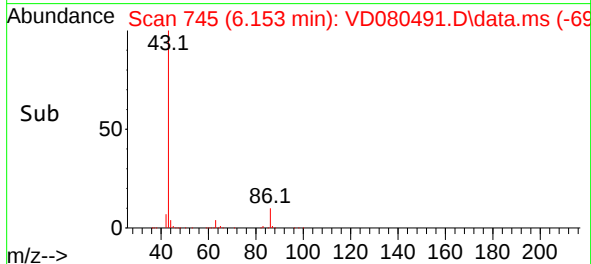
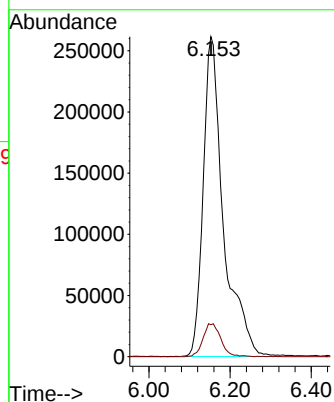
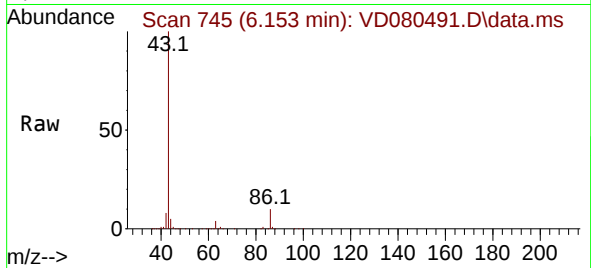




#23
 Vinyl Acetate
 Concen: 105.978 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080491.D
 Acq: 27 Jun 2025 12:34

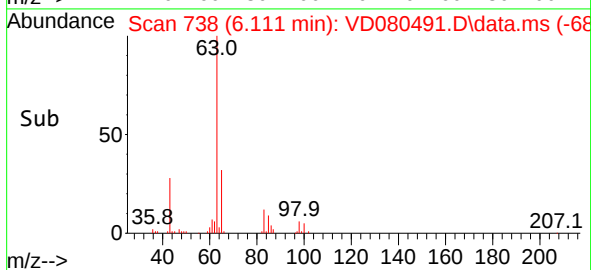
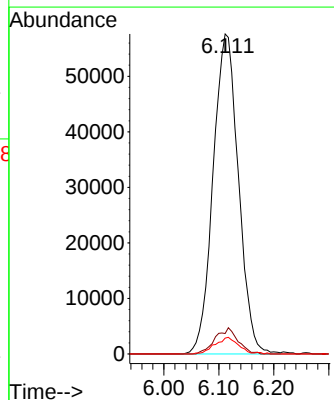
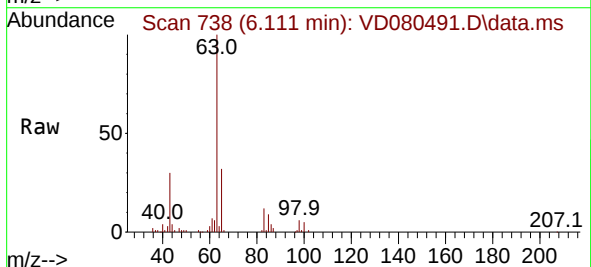
Instrument :
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 ClientSampleId :
 VD0627SBSD01

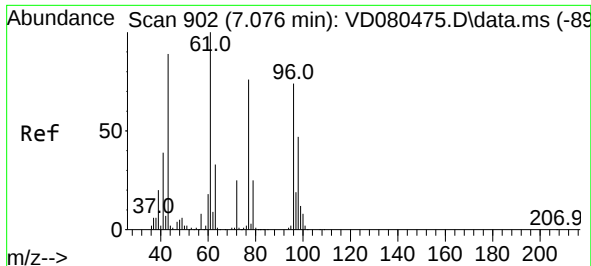
Tgt Ion: 43 Resp: 904087
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 21.030 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080491.D
 Acq: 27 Jun 2025 12:34

Tgt Ion: 63 Resp: 184745
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 5.0 2.5 7.4

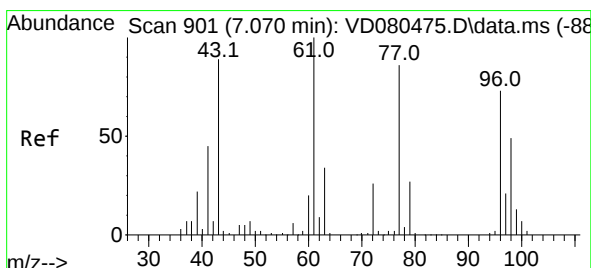
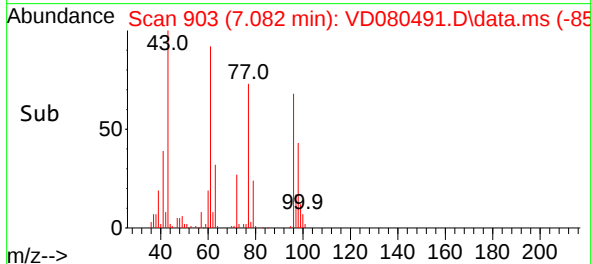
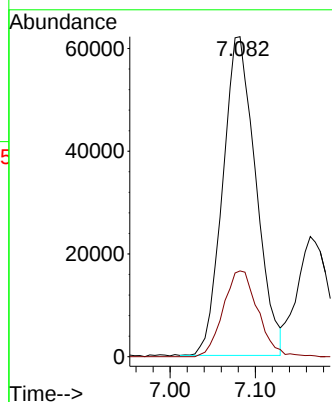
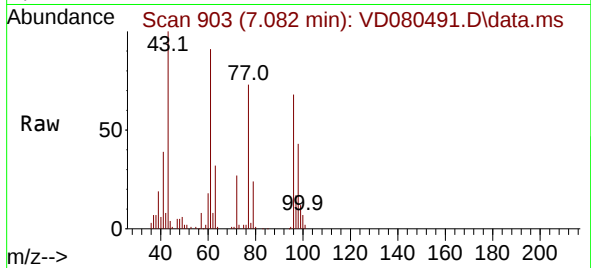




#25
2-Butanone
Concen: 115.106 ug/l
RT: 7.082 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

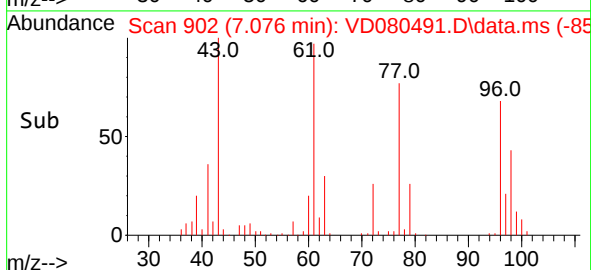
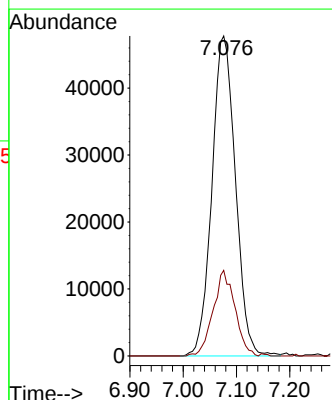
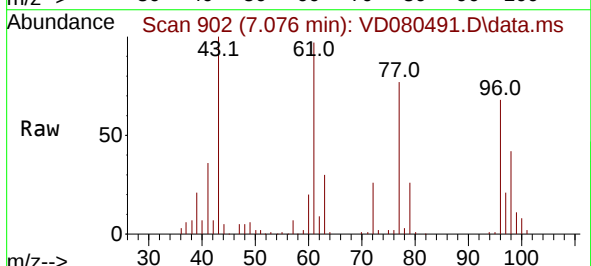
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

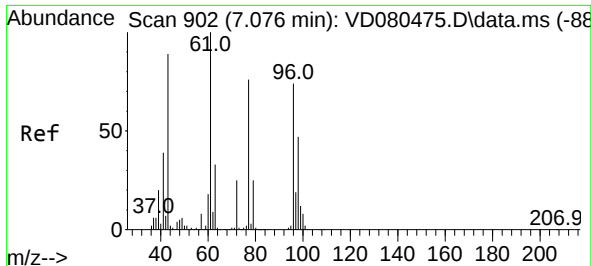
Tgt Ion: 43 Resp: 167438
Ion Ratio Lower Upper
43 100
72 26.9 22.8 34.2



#26
2,2-Dichloropropane
Concen: 21.090 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 77 Resp: 146612
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6

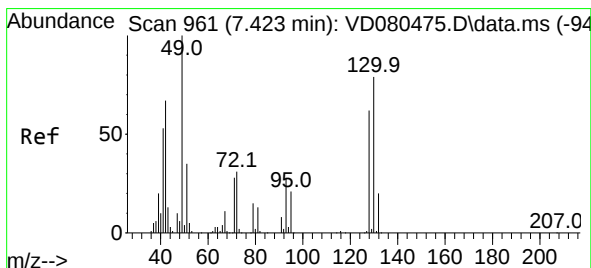
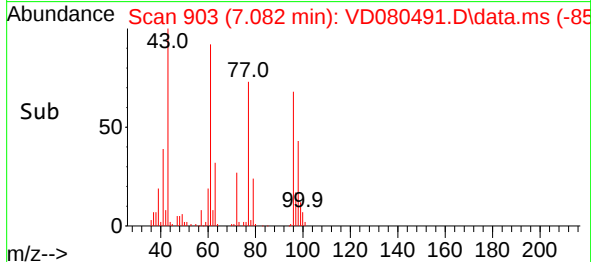
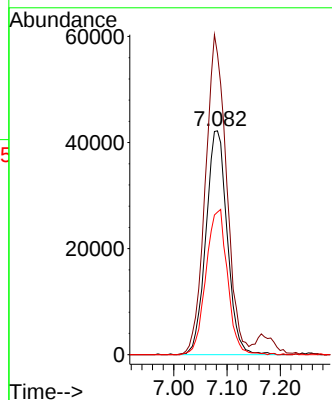
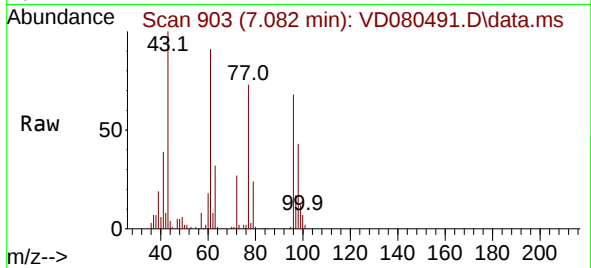




#27
 cis-1,2-Dichloroethene
 Concen: 19.873 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.006 min
 Lab File: VD080491.D
 Acq: 27 Jun 2025 12:34

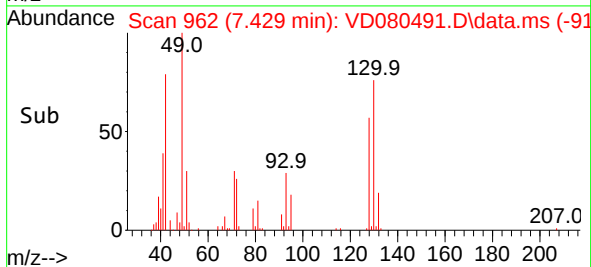
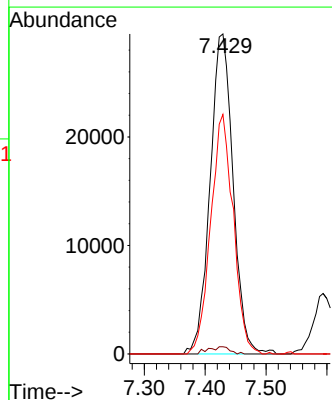
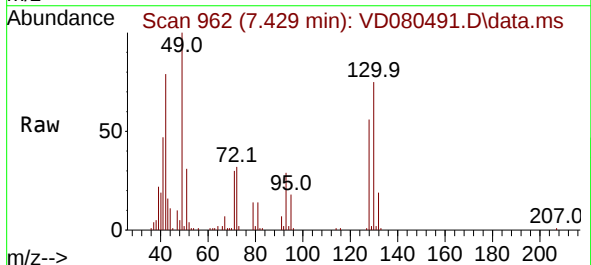
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBSD01

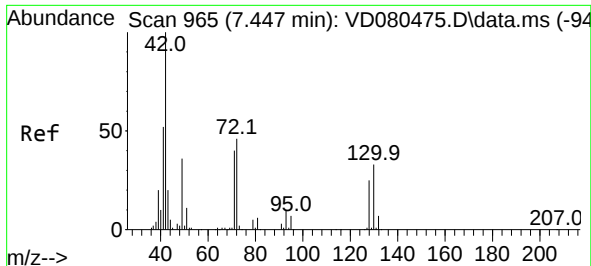
Tgt Ion: 96 Resp: 117345
 Ion Ratio Lower Upper
 96 100
 61 141.7 0.0 274.6
 98 65.6 0.0 128.0



#28
 Bromochloromethane
 Concen: 22.338 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.006 min
 Lab File: VD080491.D
 Acq: 27 Jun 2025 12:34

Tgt Ion: 49 Resp: 77364
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 73.4 62.8 94.2





#29

Tetrahydrofuran

Concen: 102.415 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBSD01

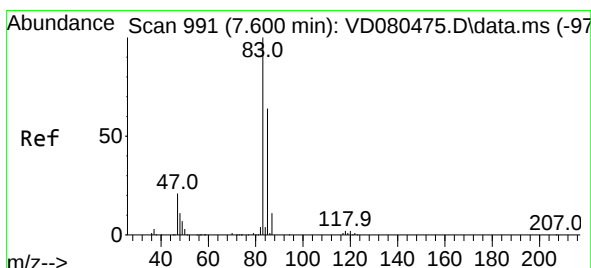
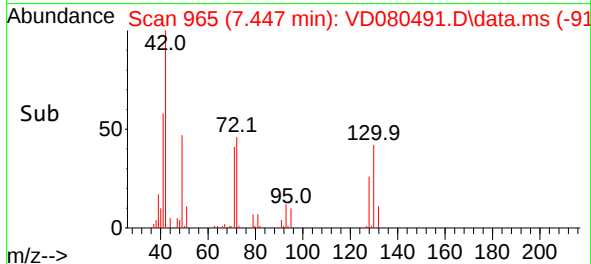
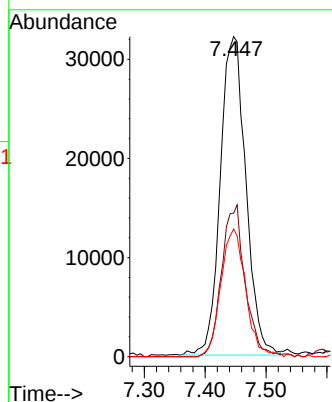
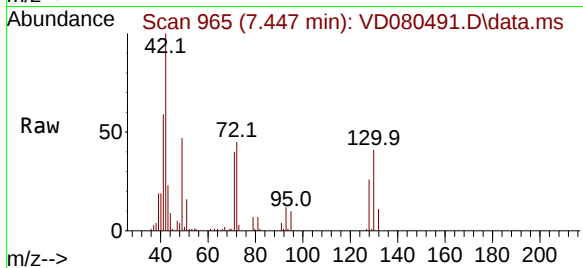
Tgt Ion: 42 Resp: 93856

Ion Ratio Lower Upper

42 100

72 43.9 35.9 53.9

71 38.9 33.2 49.8



#30

Chloroform

Concen: 20.728 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.006 min

Lab File: VD080491.D

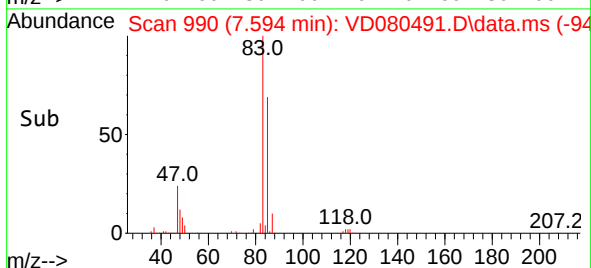
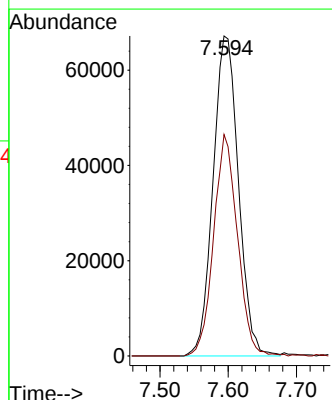
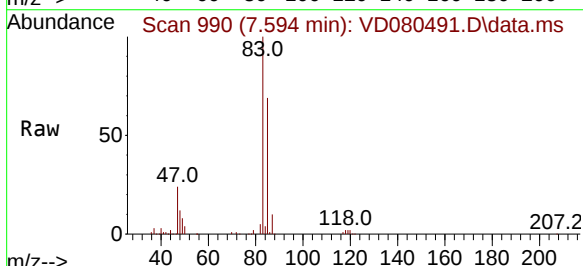
Acq: 27 Jun 2025 12:34

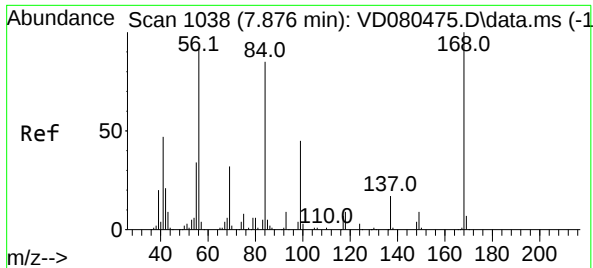
Tgt Ion: 83 Resp: 174304

Ion Ratio Lower Upper

83 100

85 69.2 51.2 76.8

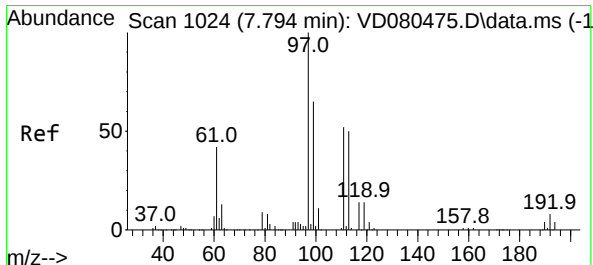
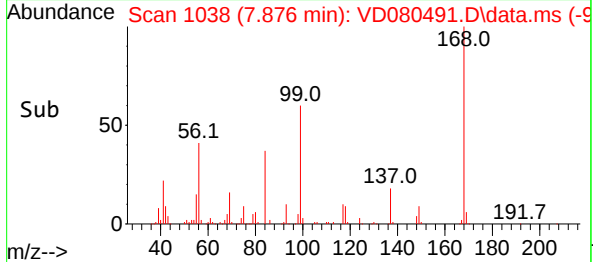
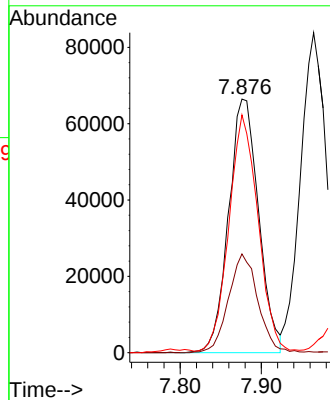
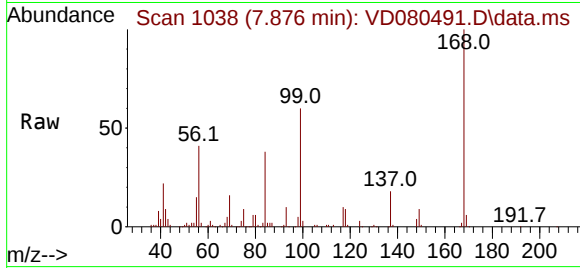




#31
Cyclohexane
Concen: 20.075 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

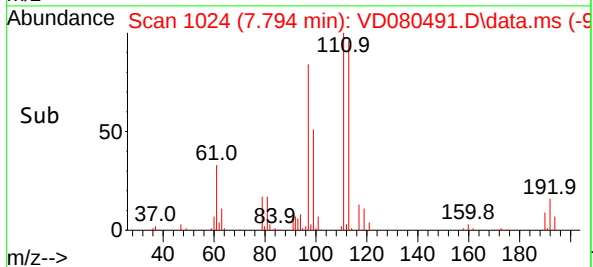
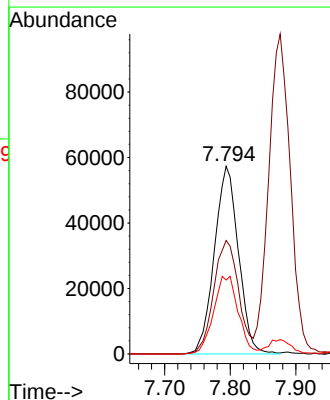
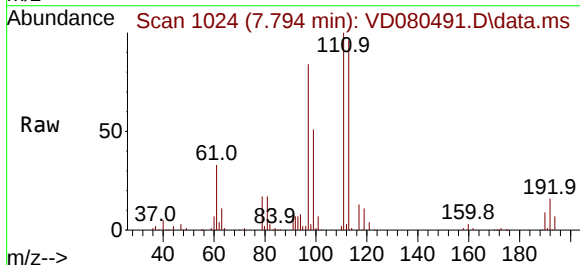
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

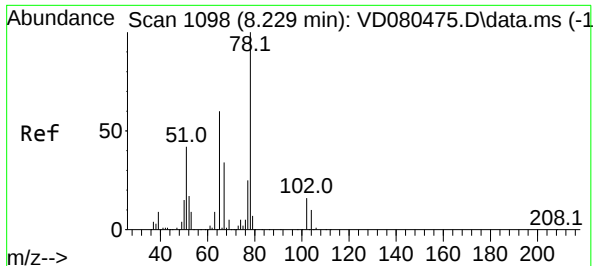
Tgt Ion: 56 Resp: 170878
Ion Ratio Lower Upper
56 100
69 38.9 28.1 42.1
84 92.8 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 20.797 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 97 Resp: 146216
Ion Ratio Lower Upper
97 100
99 62.7 51.5 77.3
61 42.4 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 54.869 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Instrument :

MSVOA_D

ClientSampleId :

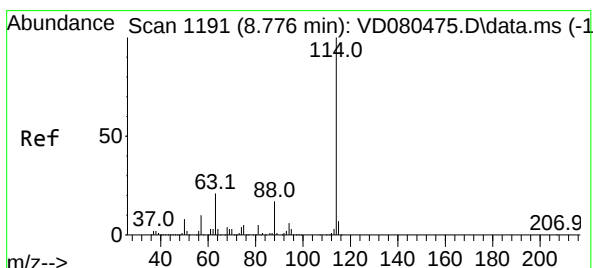
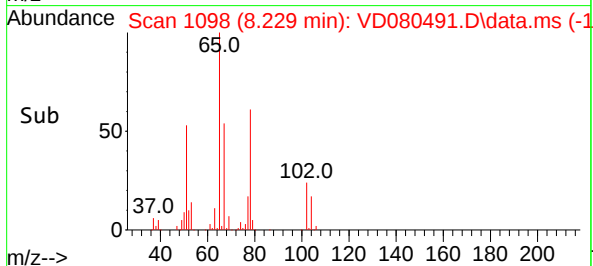
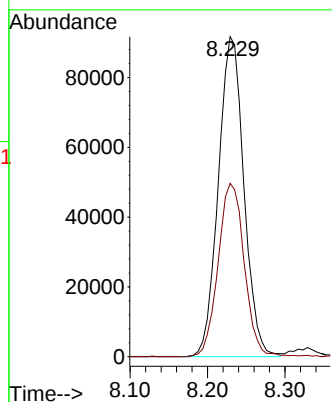
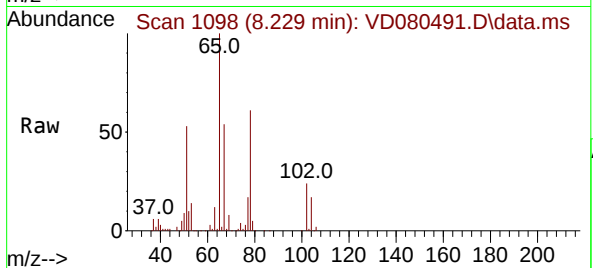
VD0627SBSD01

Tgt Ion: 65 Resp: 210472

Ion Ratio Lower Upper

65 100

67 55.3 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: VD080491.D

Acq: 27 Jun 2025 12:34

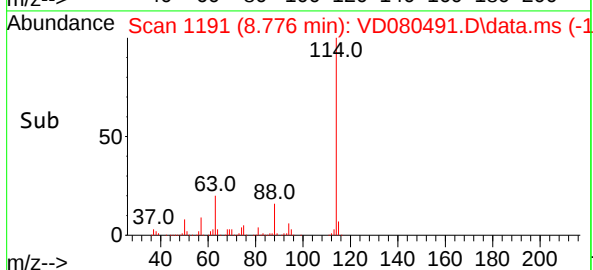
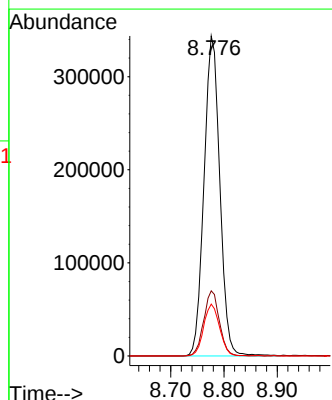
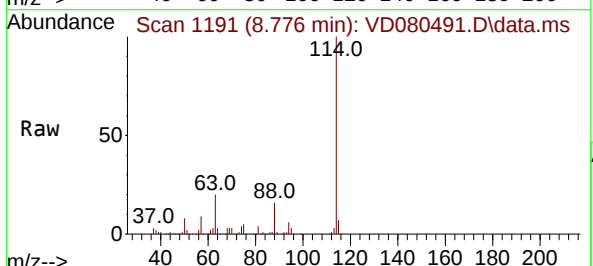
Tgt Ion: 114 Resp: 708395

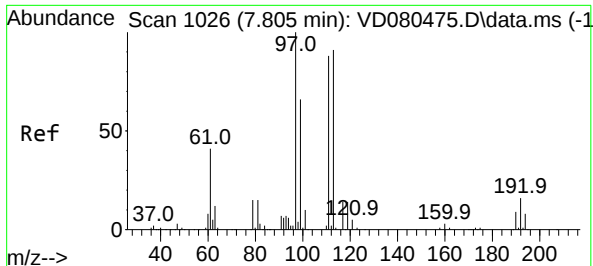
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.0

88 16.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.692 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBSD01

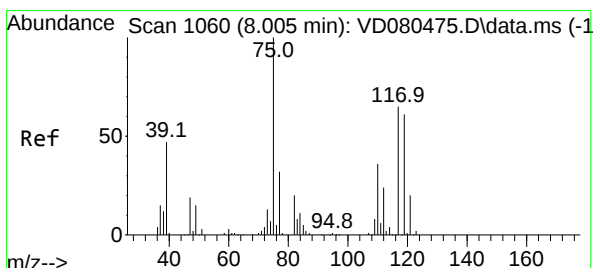
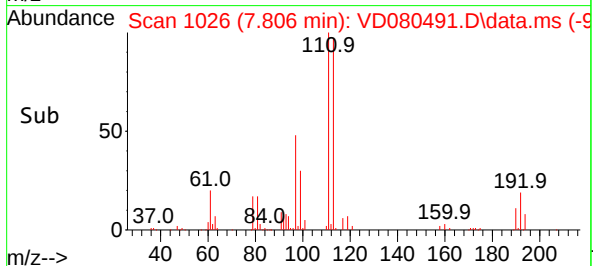
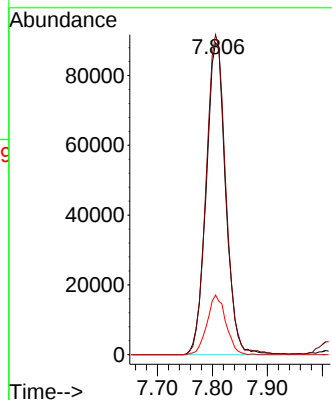
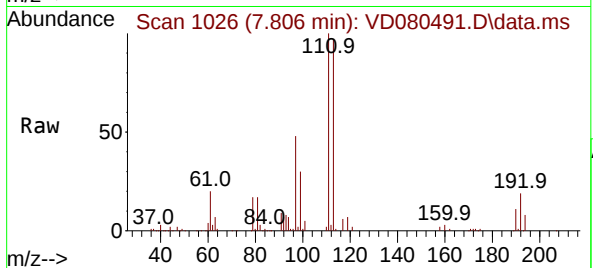
Tgt Ion:113 Resp: 220914

Ion Ratio Lower Upper

113 100

111 102.6 82.5 123.7

192 18.4 15.0 22.6



#36

1,1-Dichloropropene

Concen: 20.811 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

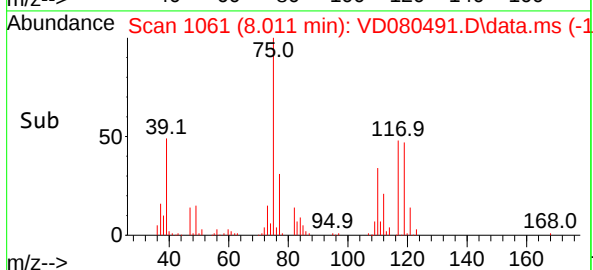
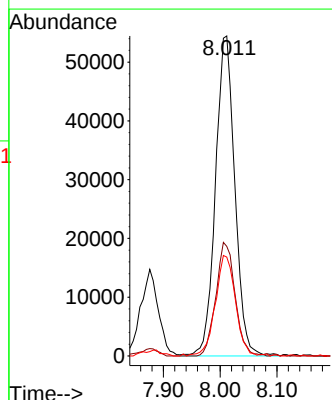
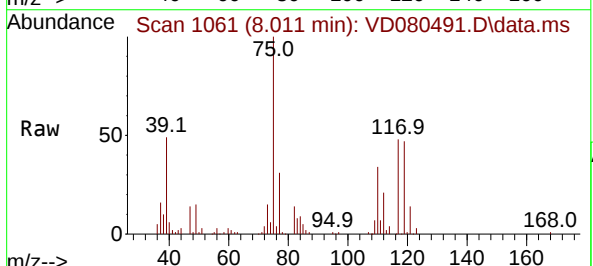
Tgt Ion: 75 Resp: 128929

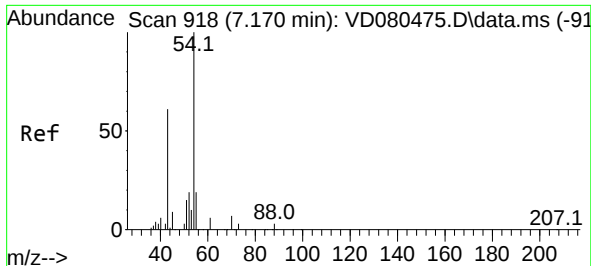
Ion Ratio Lower Upper

75 100

110 35.2 18.2 54.6

77 32.6 25.2 37.8

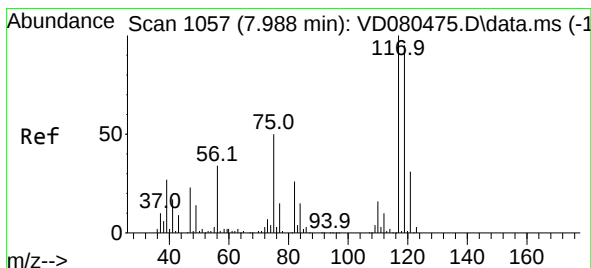
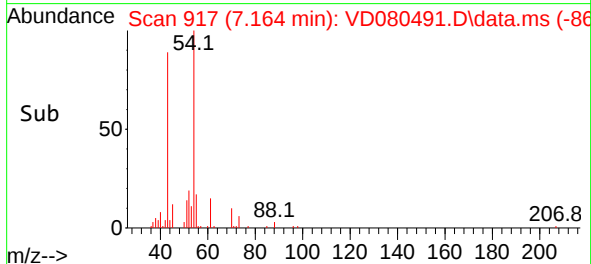
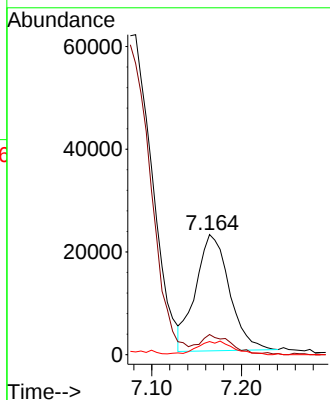
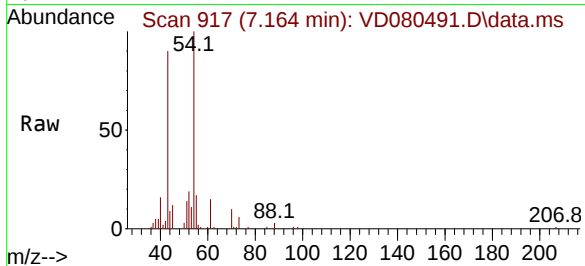




#37
Ethyl Acetate
Concen: 19.601 ug/l
RT: 7.164 min Scan# 917
Delta R.T. -0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

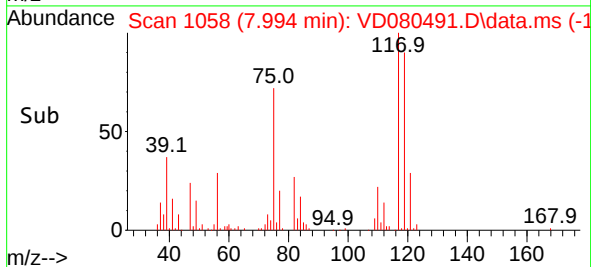
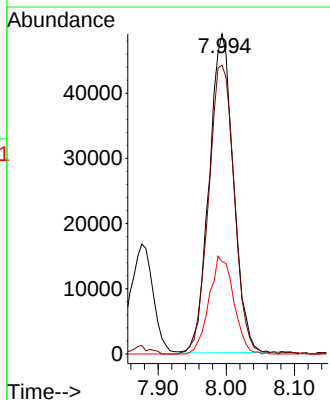
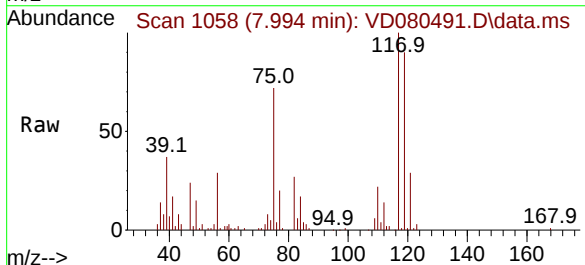
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

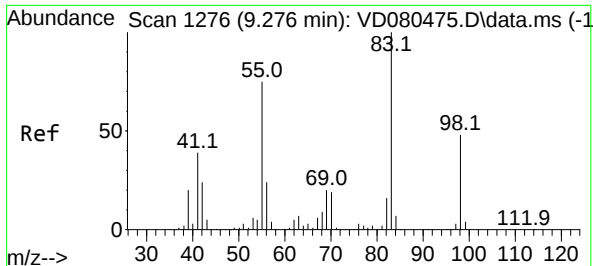
Tgt Ion: 43 Resp: 59020
Ion Ratio Lower Upper
43 100
61 16.6 12.2 18.2
70 12.4 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.543 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 117 Resp: 121597
Ion Ratio Lower Upper
117 100
119 90.7 75.8 113.6
121 29.0 25.0 37.4





#39

Methylcyclohexane

Concen: 20.189 ug/l

RT: 9.270 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBSD01

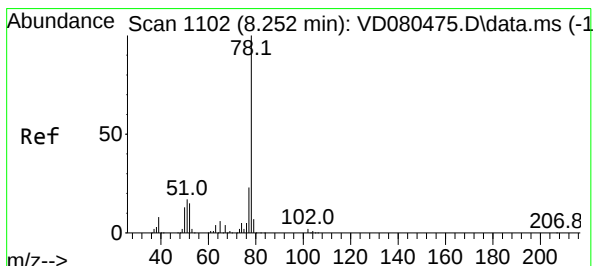
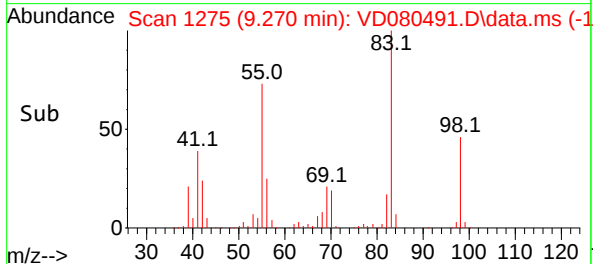
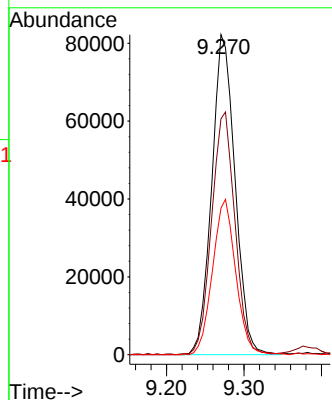
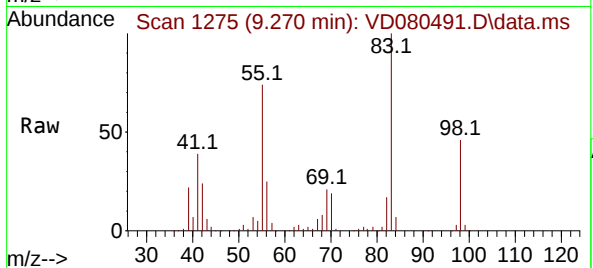
Tgt Ion: 83 Resp: 172204

Ion Ratio Lower Upper

83 100

55 73.5 59.8 89.8

98 45.8 38.2 57.2



#40

Benzene

Concen: 20.556 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080491.D

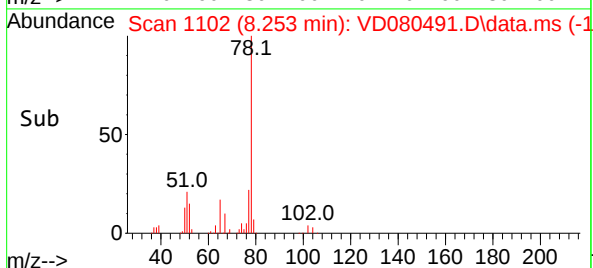
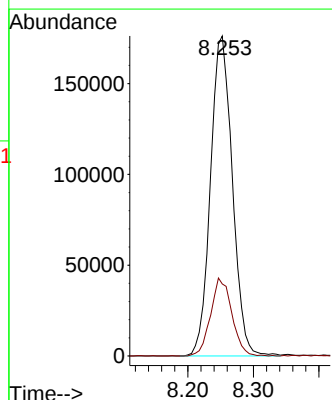
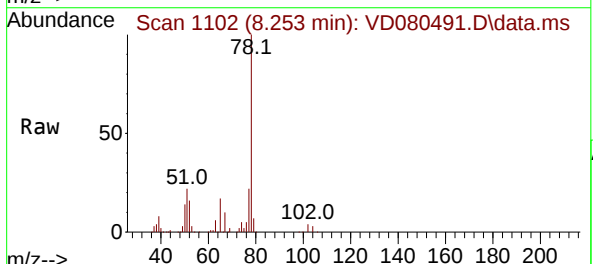
Acq: 27 Jun 2025 12:34

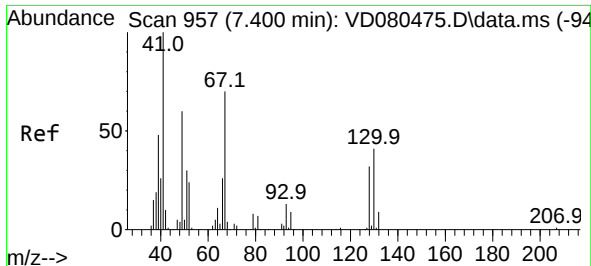
Tgt Ion: 78 Resp: 408730

Ion Ratio Lower Upper

78 100

77 22.5 18.6 28.0

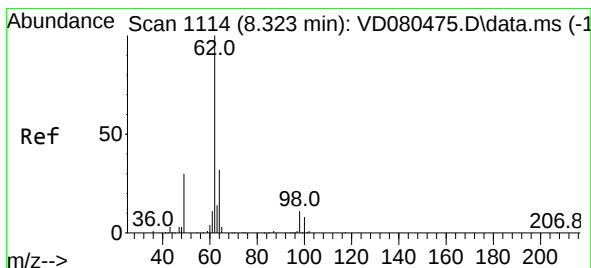
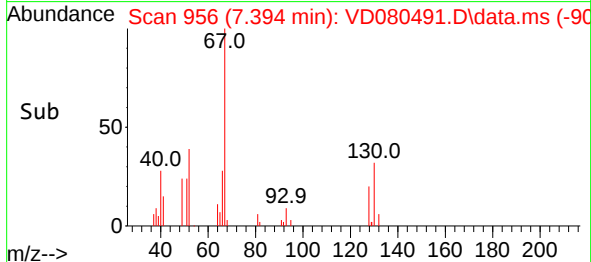
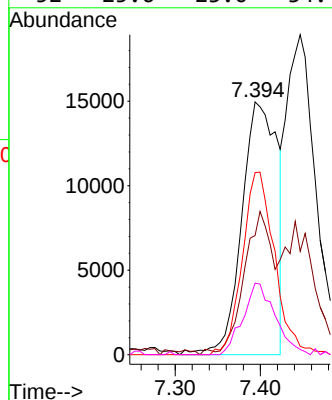
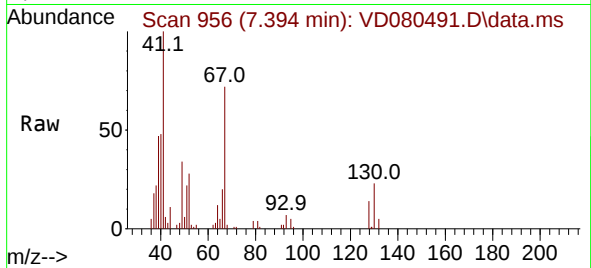




#41
Methacrylonitrile
Concen: 22.550 ug/l
RT: 7.394 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

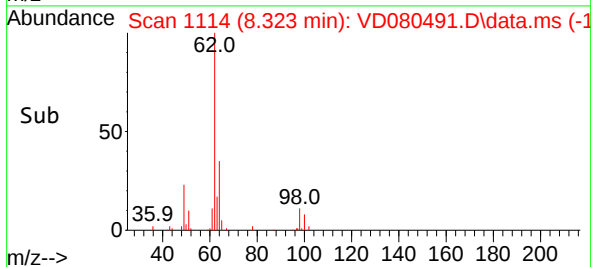
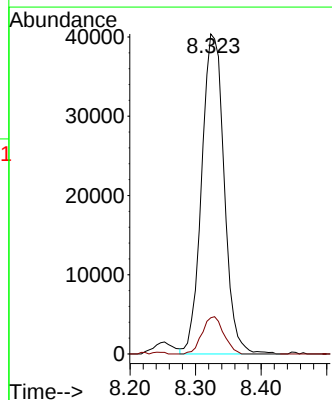
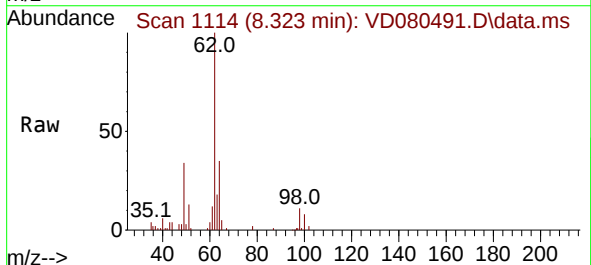
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

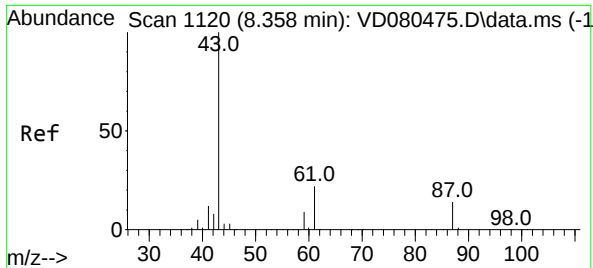
Tgt Ion:	41	Resp:	43396
Ion	Ratio	Lower	Upper
41	100		
39	44.7	43.4	65.0
67	65.5	59.2	88.8
52	25.6	23.0	34.4



#42
1,2-Dichloroethane
Concen: 20.592 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion:	62	Resp:	96324
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.0

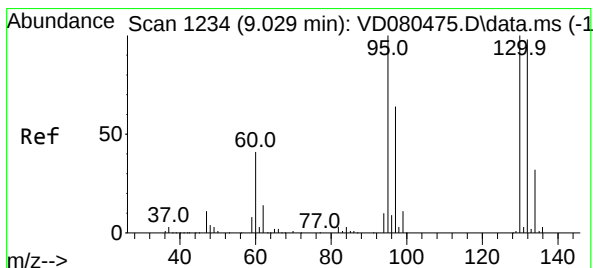
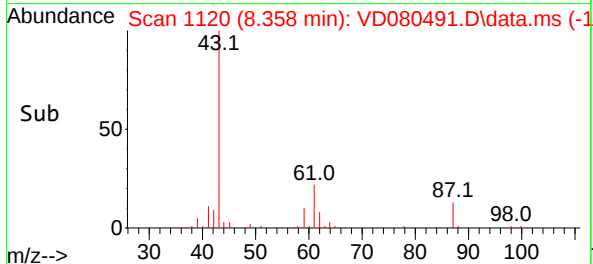
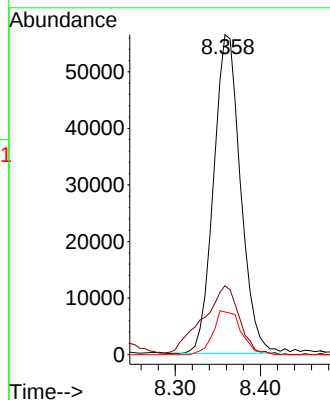
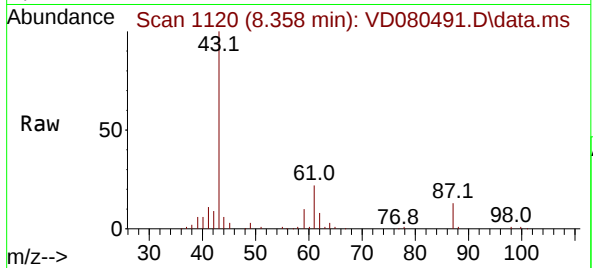




#43
Isopropyl Acetate
Concen: 20.854 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

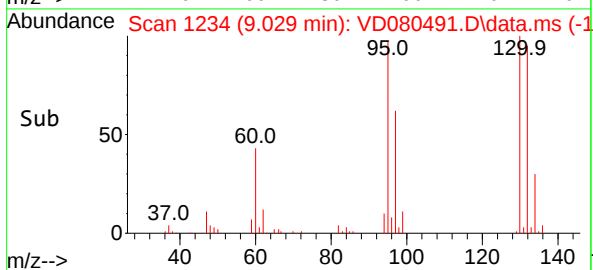
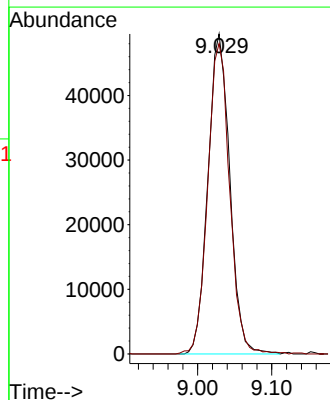
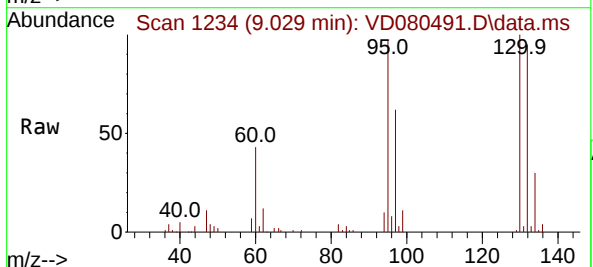
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

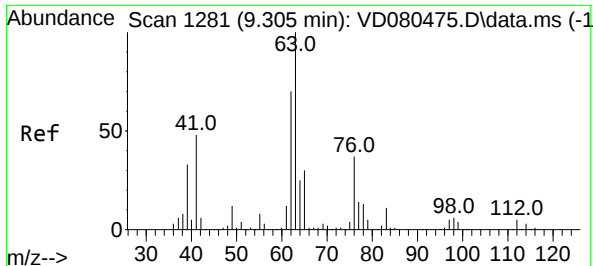
Tgt Ion: 43 Resp: 123575
Ion Ratio Lower Upper
43 100
61 29.7 24.4 36.6
87 14.4 11.4 17.2



#44
Trichloroethene
Concen: 21.045 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion:130 Resp: 101414
Ion Ratio Lower Upper
130 100
95 96.7 0.0 200.6





#45

1,2-Dichloropropane

Concen: 20.902 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Instrument :

MSVOA_D

ClientSampleId :

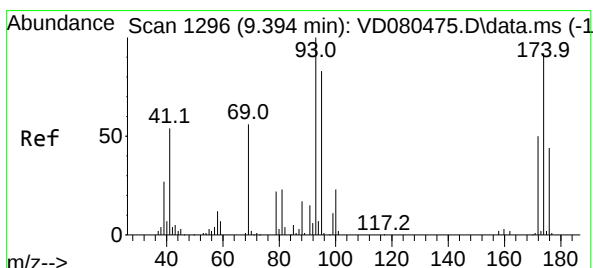
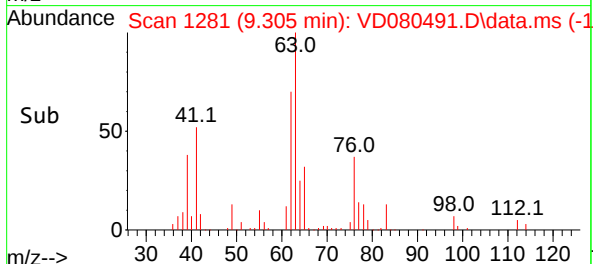
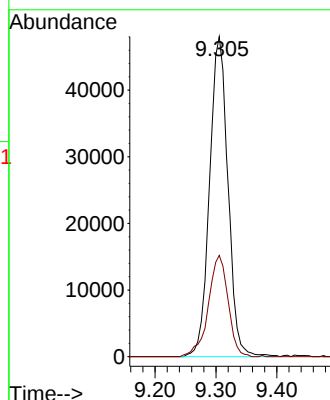
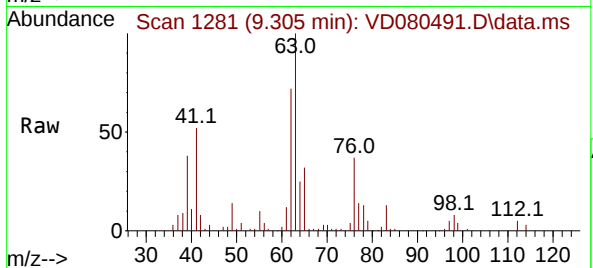
VD0627SBSD01

Tgt Ion: 63 Resp: 100795

Ion Ratio Lower Upper

63 100

65 31.6 24.0 36.0



#46

Dibromomethane

Concen: 20.505 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

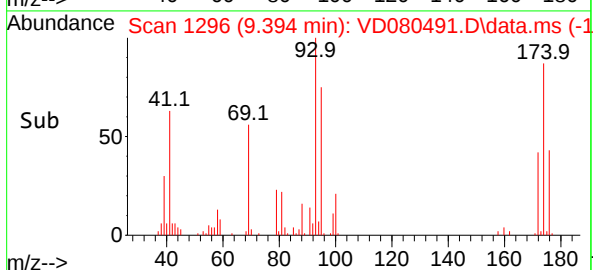
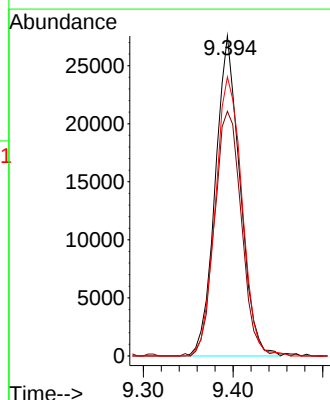
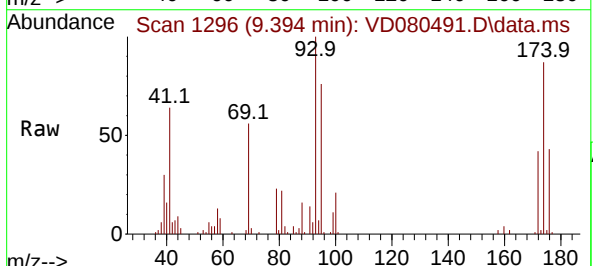
Tgt Ion: 93 Resp: 52722

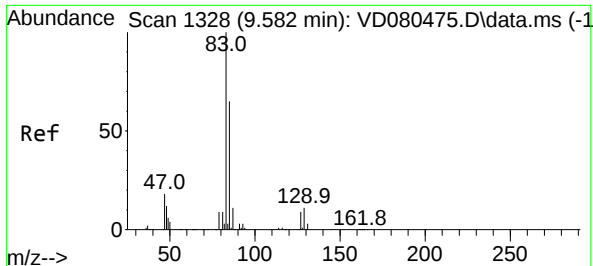
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 93.6 75.4 113.0





#47

Bromodichloromethane

Concen: 20.987 ug/l

RT: 9.588 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBS01

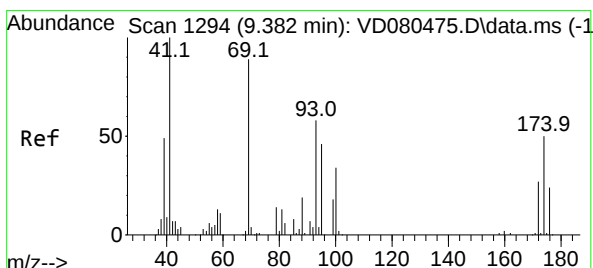
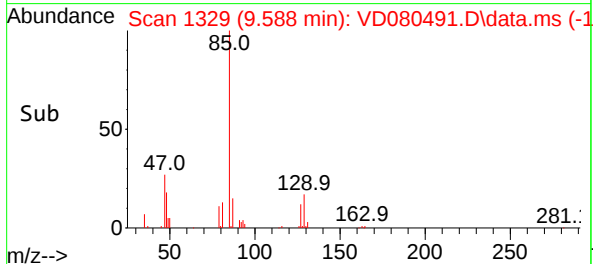
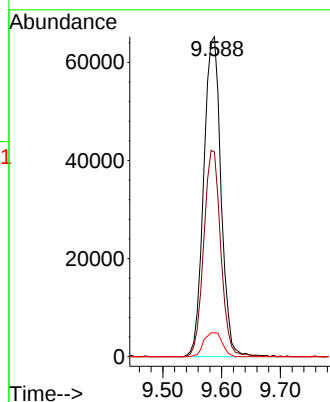
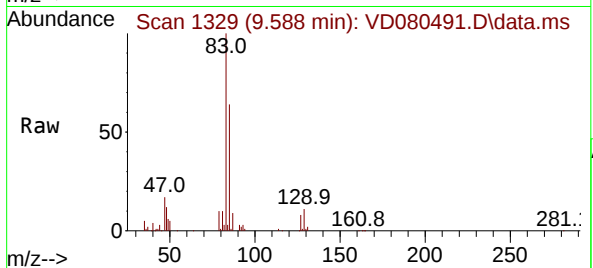
Tgt Ion: 83 Resp: 133780

Ion Ratio Lower Upper

83 100

85 64.0 52.2 78.2

127 7.5 6.9 10.3



#48

Methyl methacrylate

Concen: 20.549 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

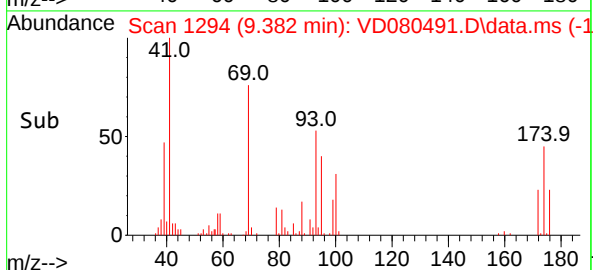
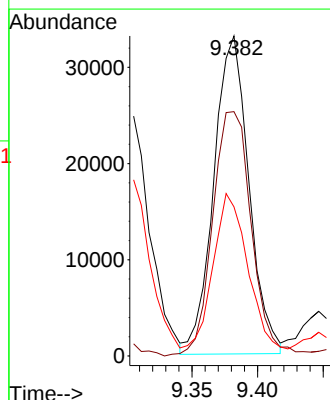
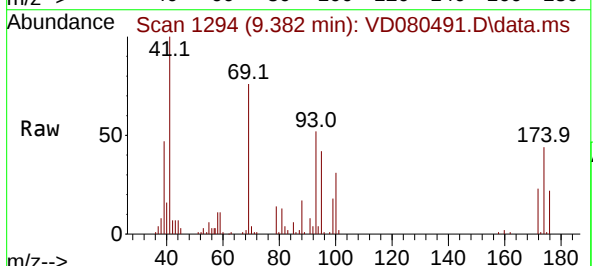
Tgt Ion: 41 Resp: 61600

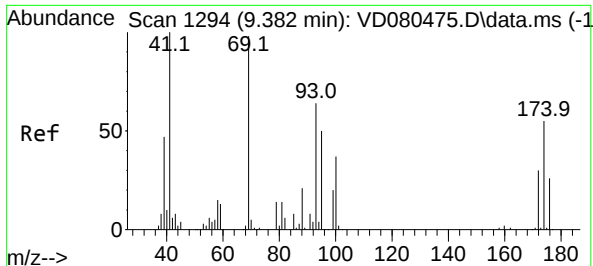
Ion Ratio Lower Upper

41 100

69 85.0 70.2 105.4

39 47.9 40.2 60.2





#49

1,4-Dioxane

Concen: 368.282 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBSD01

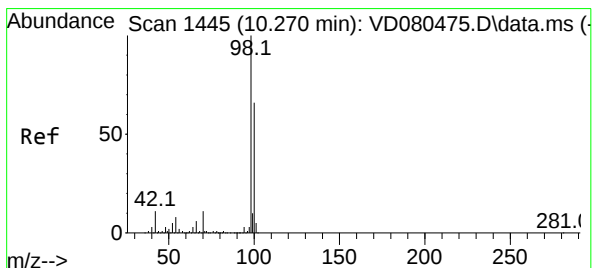
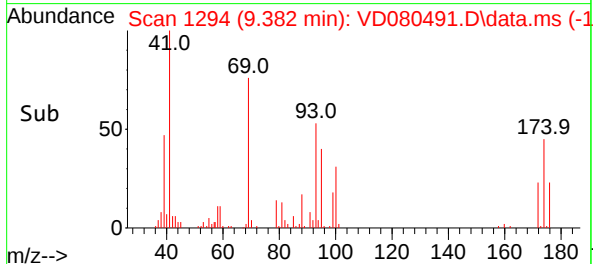
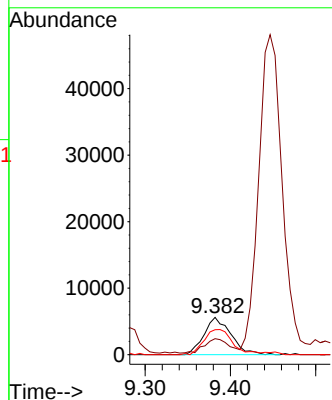
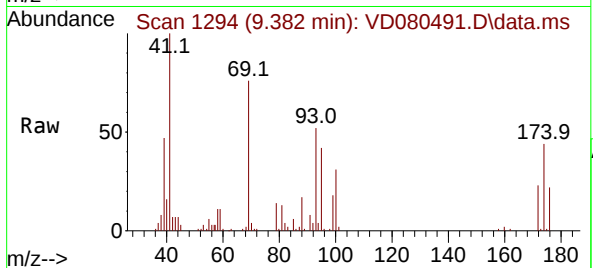
Tgt Ion: 88 Resp: 12284

Ion Ratio Lower Upper

88 100

43 35.2 26.7 40.1

58 71.4 56.4 84.6



#50

Toluene-d8

Concen: 55.837 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080491.D

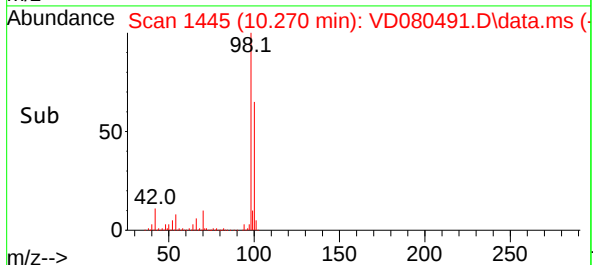
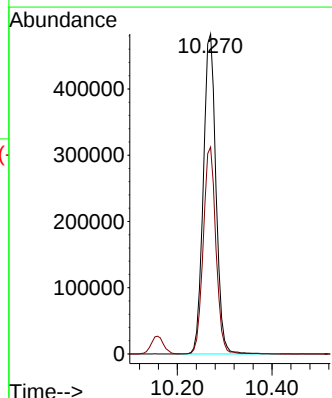
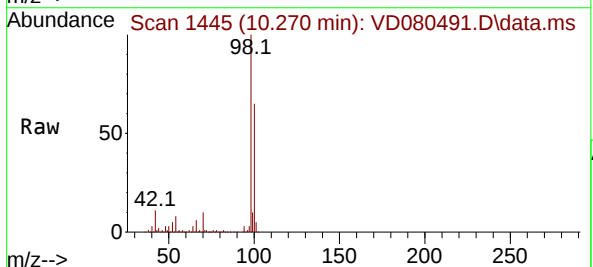
Acq: 27 Jun 2025 12:34

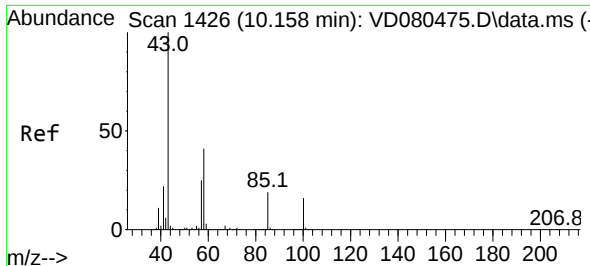
Tgt Ion: 98 Resp: 894779

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4

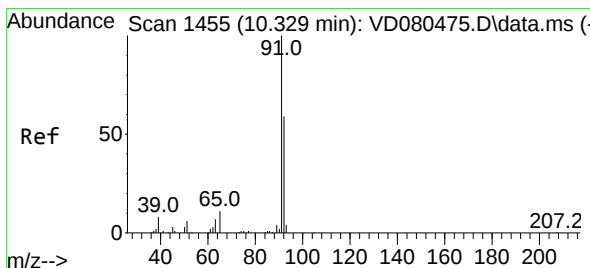
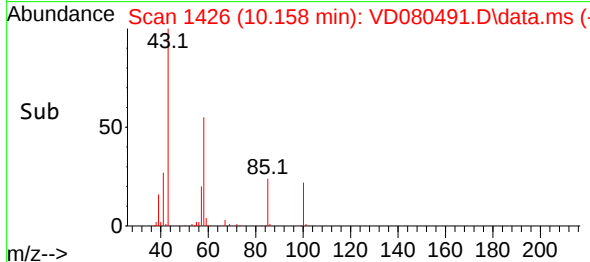
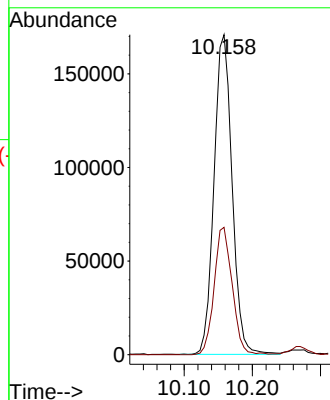
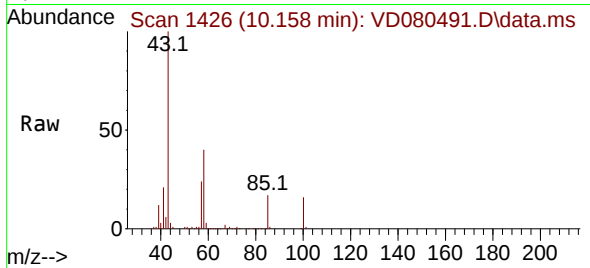




#51
4-Methyl-2-Pentanone
Concen: 104.735 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

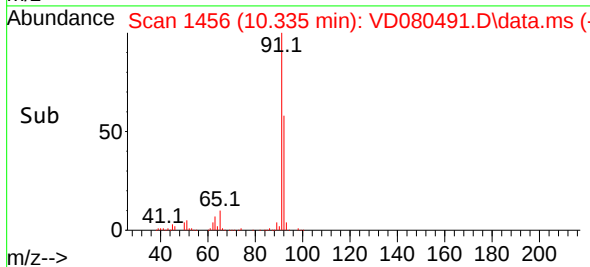
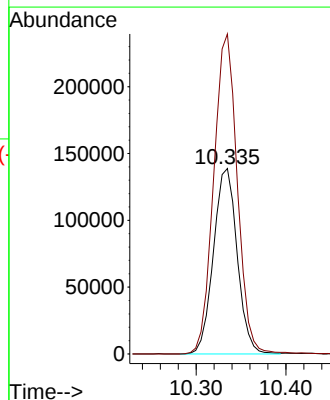
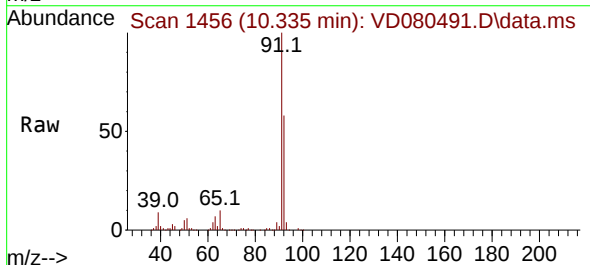
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

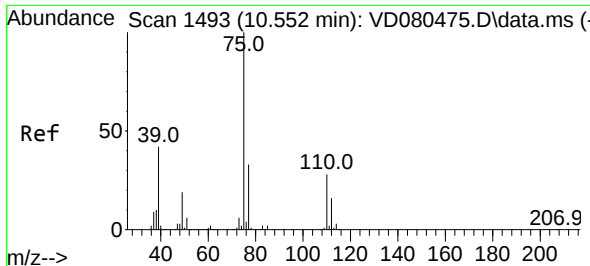
Tgt Ion: 43 Resp: 315168
Ion Ratio Lower Upper
43 100
58 39.9 33.3 49.9



#52
Toluene
Concen: 20.509 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 92 Resp: 254876
Ion Ratio Lower Upper
92 100
91 171.9 137.1 205.7

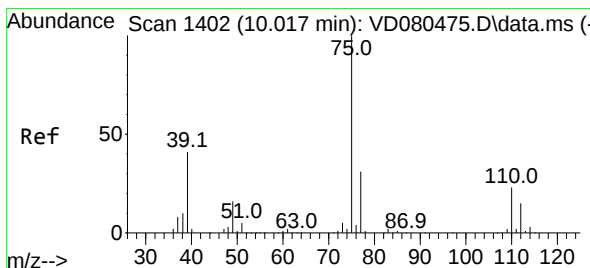
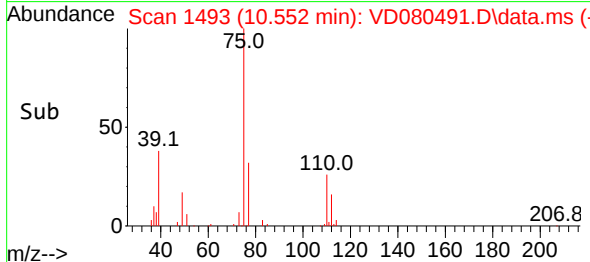
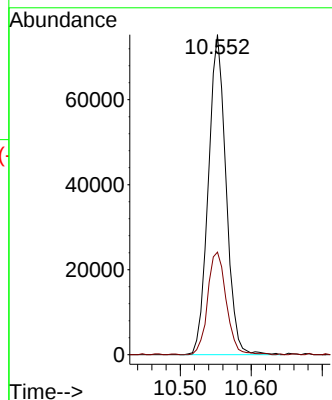
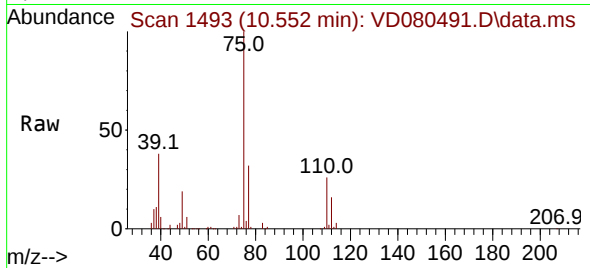




#53
t-1,3-Dichloropropene
Concen: 20.457 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

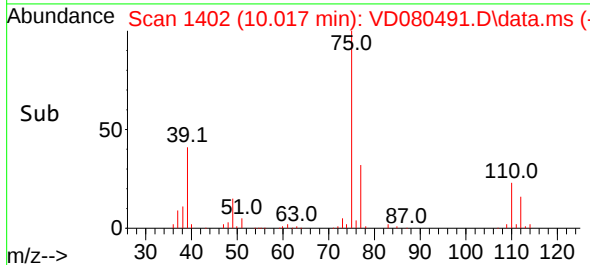
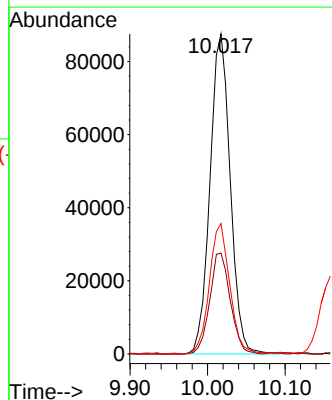
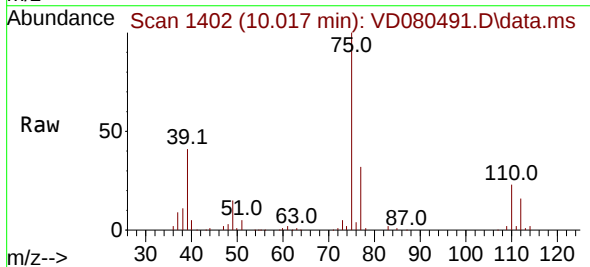
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

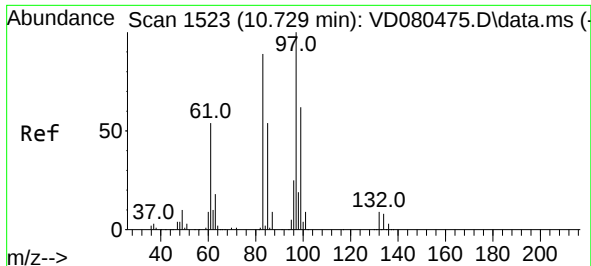
Tgt Ion: 75 Resp: 130604
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 20.776 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 75 Resp: 159344
Ion Ratio Lower Upper
75 100
77 31.6 24.9 37.3
39 40.8 32.5 48.7

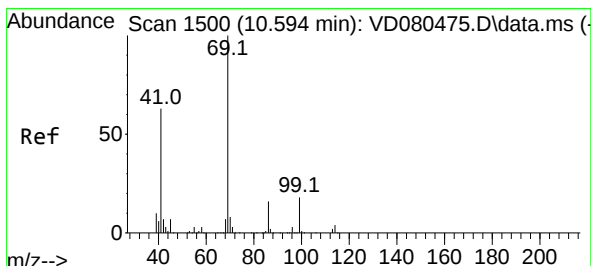
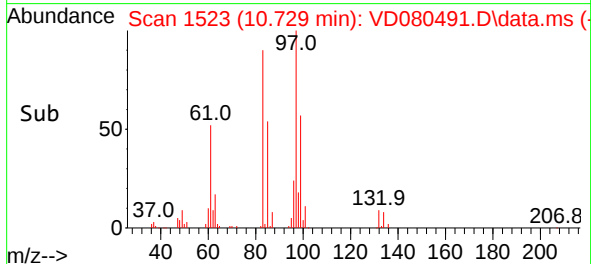
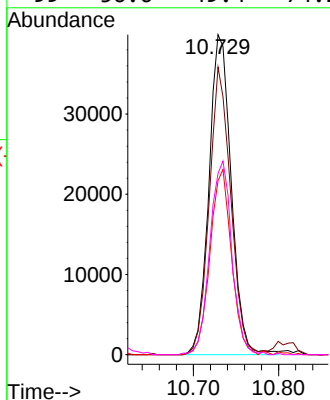
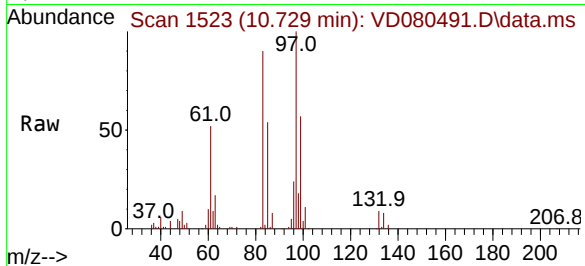




#55
1,1,2-Trichloroethane
Concen: 20.664 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

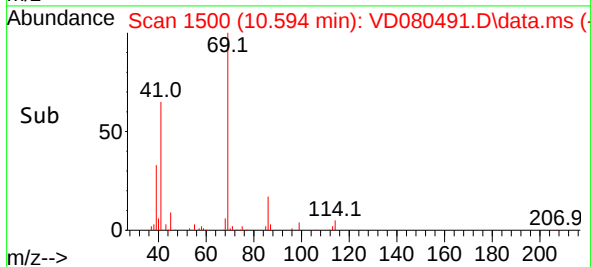
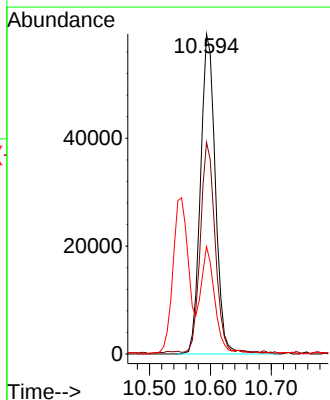
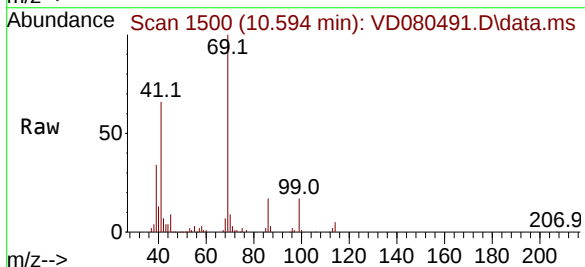
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

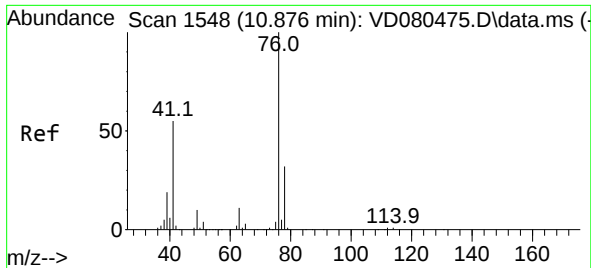
Tgt Ion:	97	Resp:	72426
Ion	Ratio	Lower	Upper
97	100		
83	89.8	71.4	107.2
85	54.4	43.4	65.2
99	56.6	49.4	74.2



#56
Ethyl methacrylate
Concen: 20.126 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion:	69	Resp:	100693
Ion	Ratio	Lower	Upper
69	100		
41	64.4	50.7	76.1
39	30.3	23.4	35.2

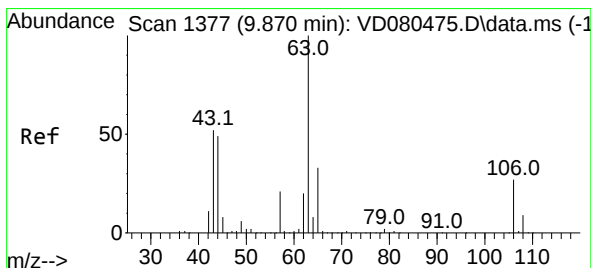
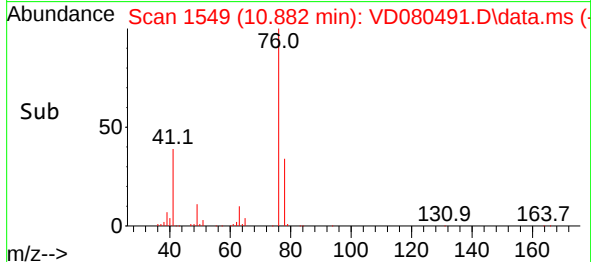
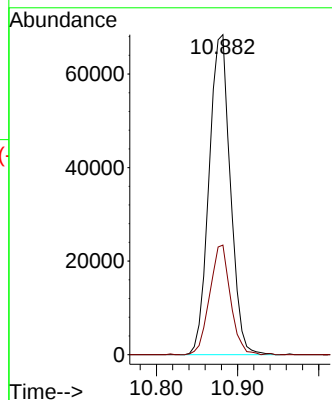
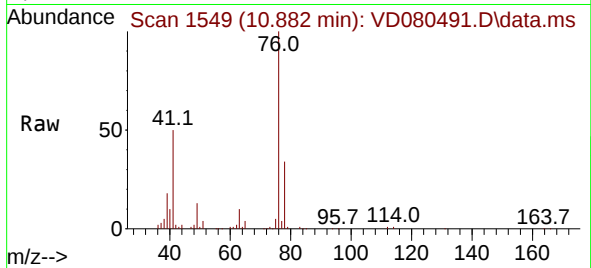




#57
1,3-Dichloropropane
Concen: 20.305 ug/l
RT: 10.882 min Scan# 1549
Delta R.T. 0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

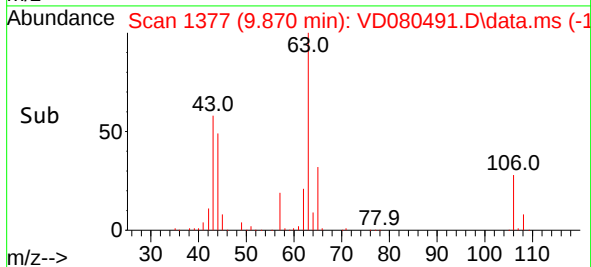
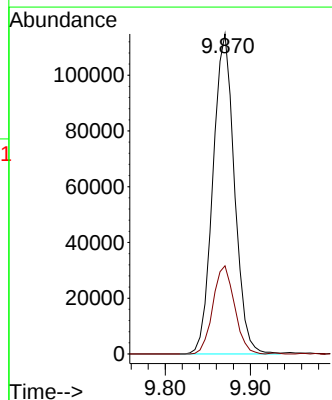
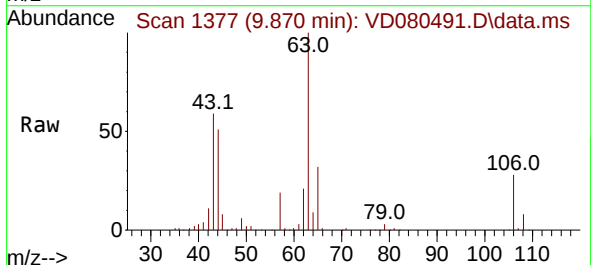
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

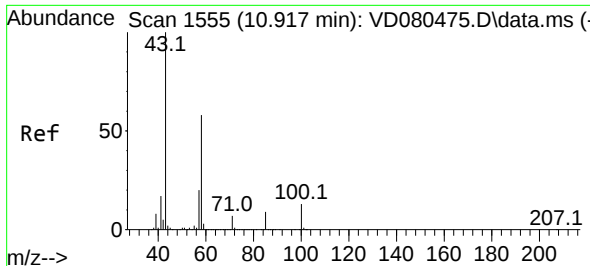
Tgt Ion: 76 Resp: 124520
Ion Ratio Lower Upper
76 100
78 33.5 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 105.411 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 63 Resp: 201413
Ion Ratio Lower Upper
63 100
106 27.6 21.7 32.5

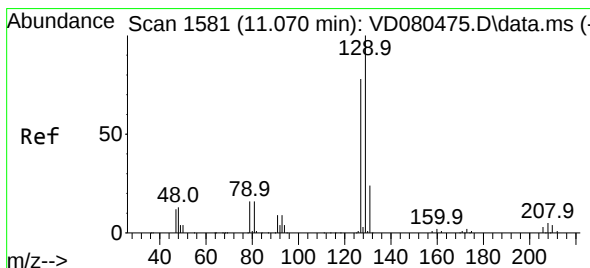
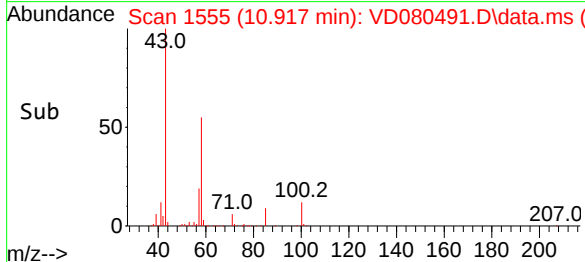
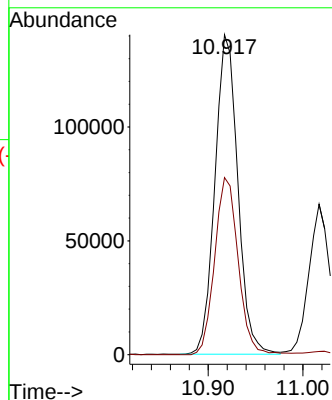
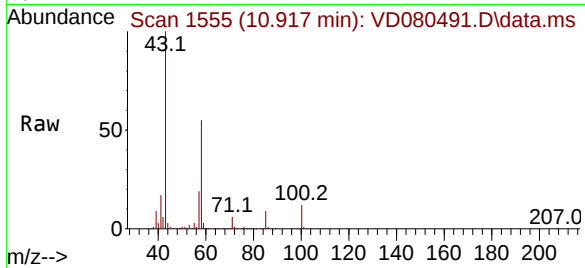




#59
2-Hexanone
Concen: 110.600 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

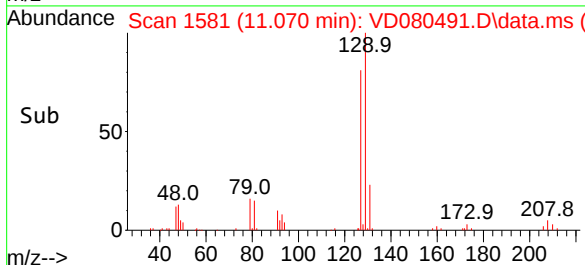
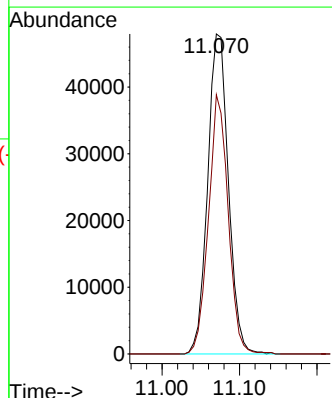
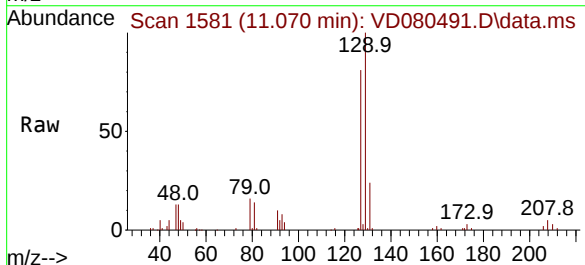
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

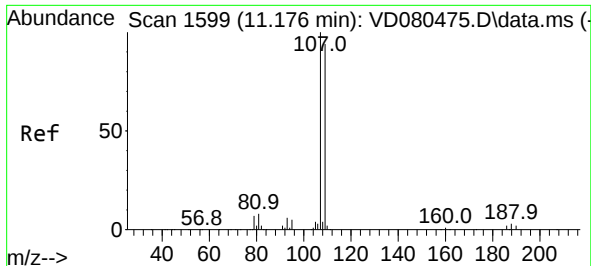
Tgt Ion: 43 Resp: 235551
Ion Ratio Lower Upper
43 100
58 57.0 29.0 87.1



#60
Dibromochloromethane
Concen: 20.594 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 129 Resp: 89090
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2

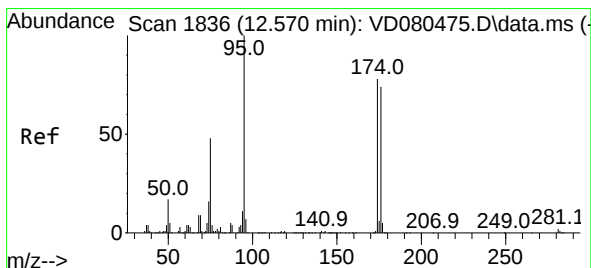
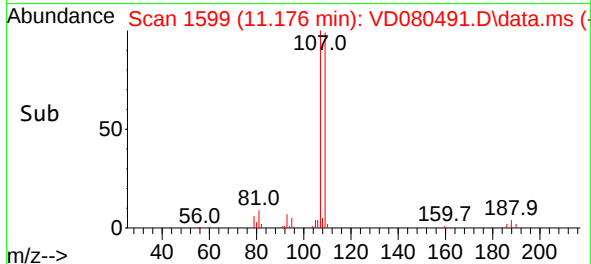
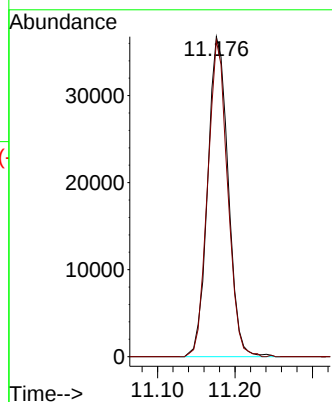
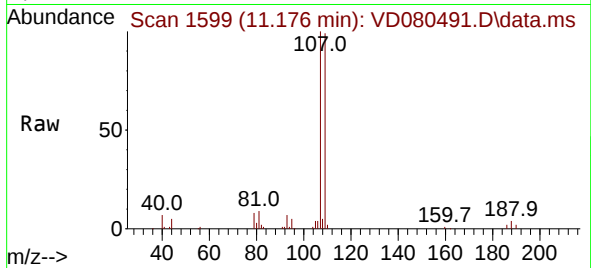




#61
1,2-Dibromoethane
Concen: 20.106 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

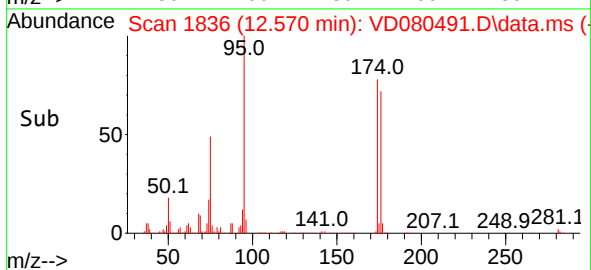
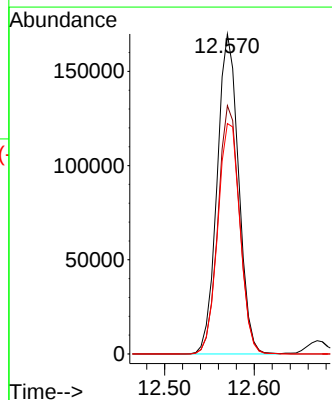
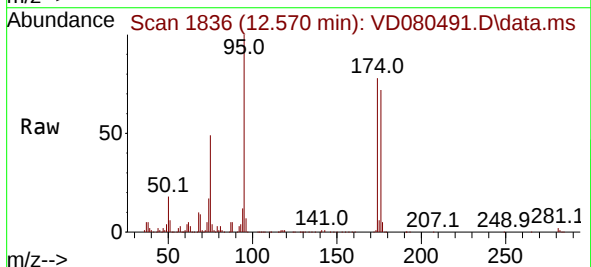
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

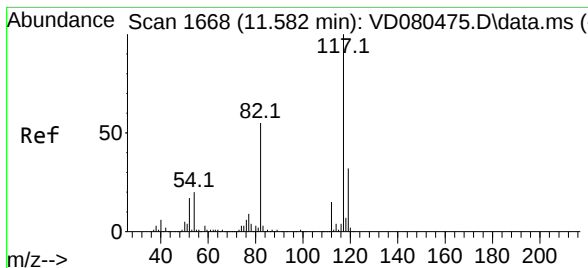
Tgt Ion:107 Resp: 67383
Ion Ratio Lower Upper
107 100
109 96.0 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 53.774 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 95 Resp: 282550
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.0
176 74.5 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: VD080491.D

Acq: 27 Jun 2025 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBS01

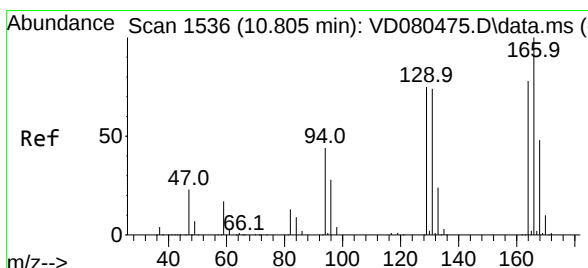
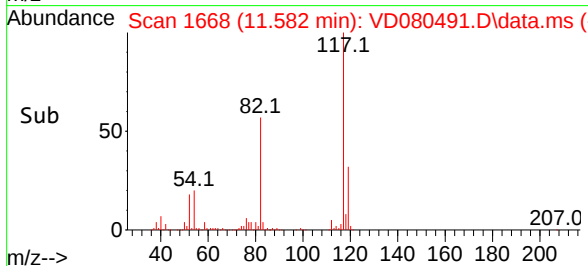
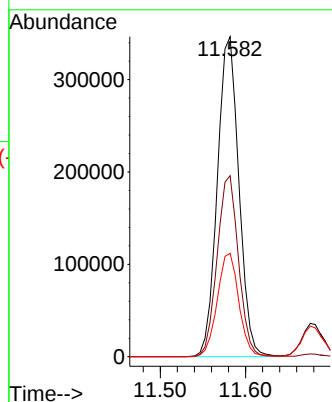
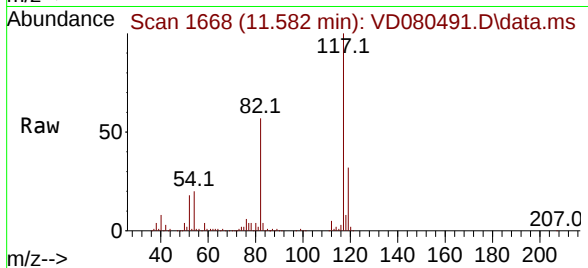
Tgt Ion:117 Resp: 608264

Ion Ratio Lower Upper

117 100

82 56.5 43.7 65.5

119 32.3 25.8 38.6



#64

Tetrachloroethene

Concen: 21.142 ug/l

RT: 10.811 min Scan# 1537

Delta R.T. 0.006 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Tgt Ion:164 Resp: 79816

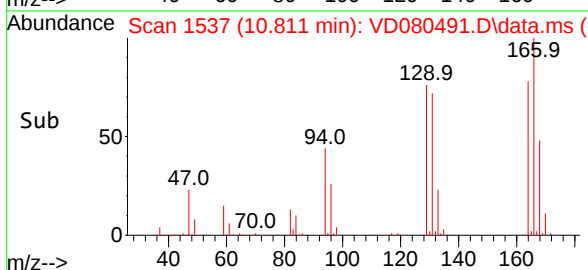
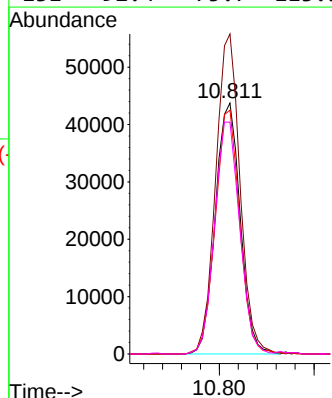
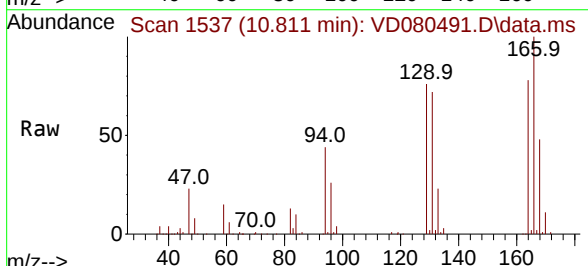
Ion Ratio Lower Upper

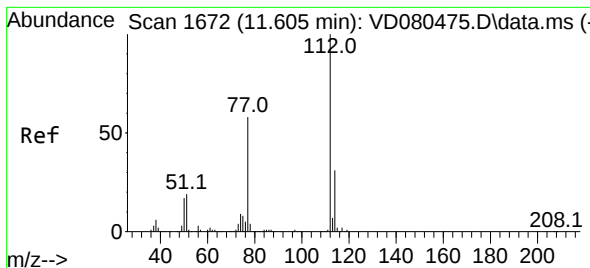
164 100

166 127.5 102.6 153.8

129 97.2 76.6 115.0

131 92.4 75.7 113.5

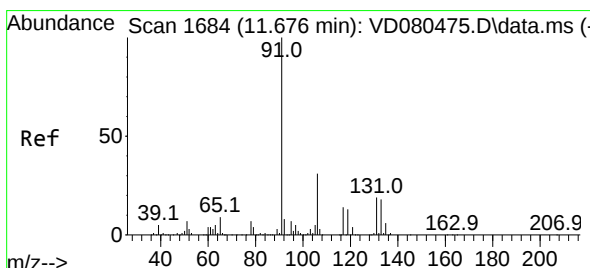
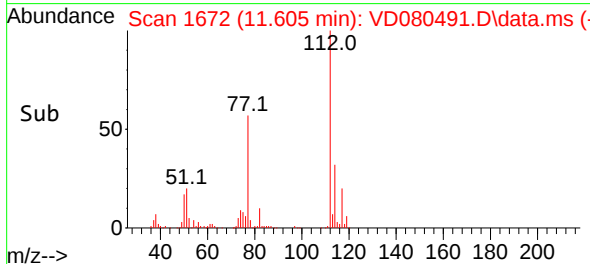
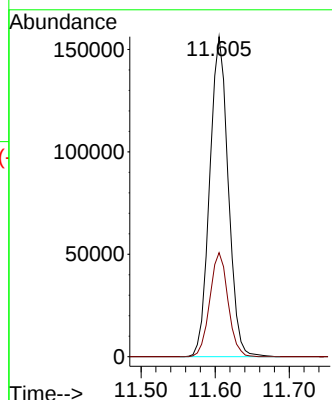
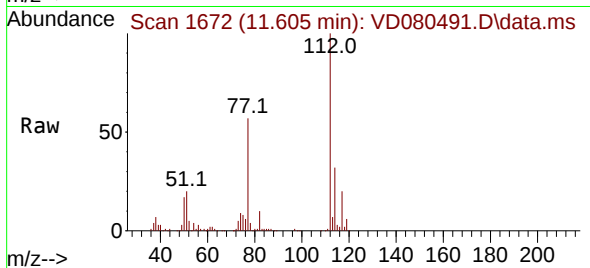




#65
Chlorobenzene
Concen: 20.700 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

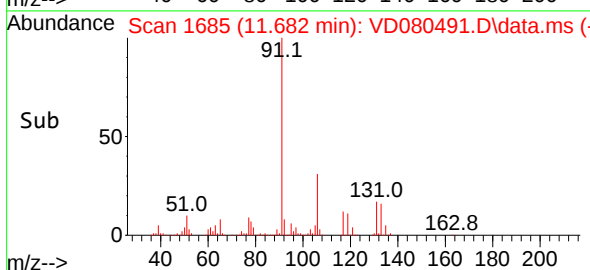
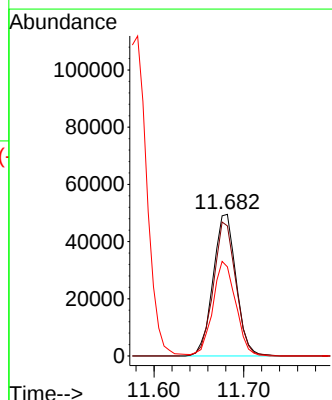
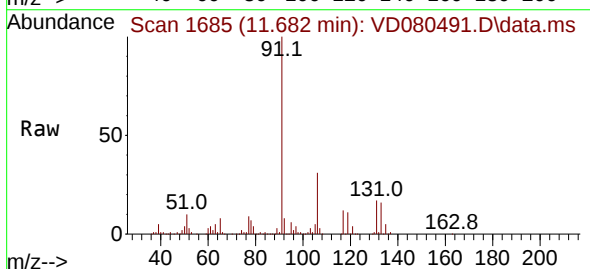
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

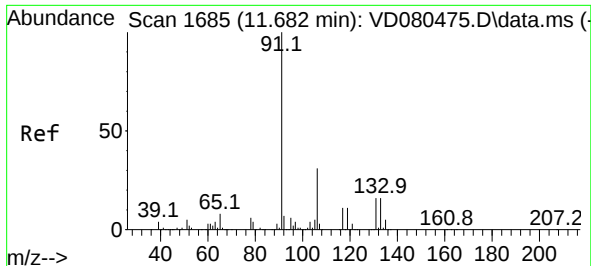
Tgt Ion:112 Resp: 271563
Ion Ratio Lower Upper
112 100
114 32.5 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.407 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion:131 Resp: 88262
Ion Ratio Lower Upper
131 100
133 92.5 47.3 141.8
119 66.2 34.9 104.7

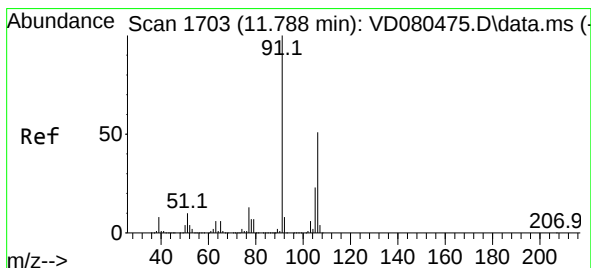
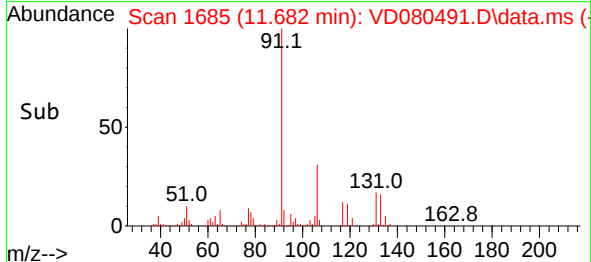
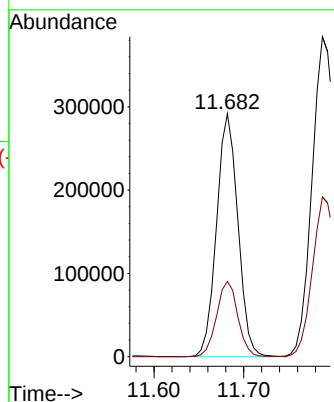
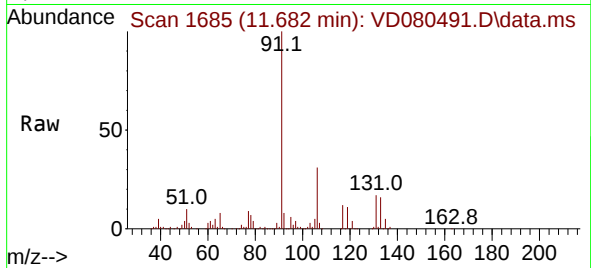




#67
Ethyl Benzene
Concen: 20.974 ug/l
RT: 11.682 min Scan# 11685
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

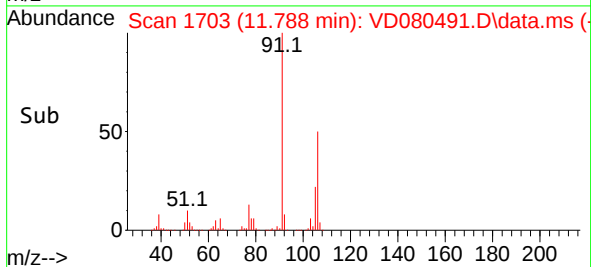
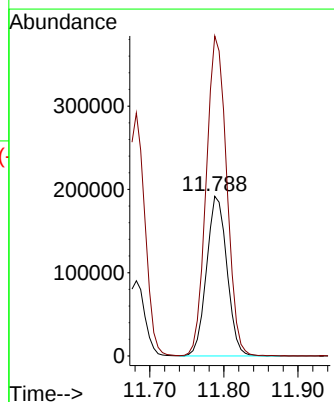
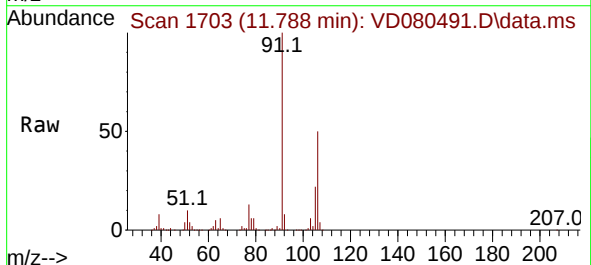
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

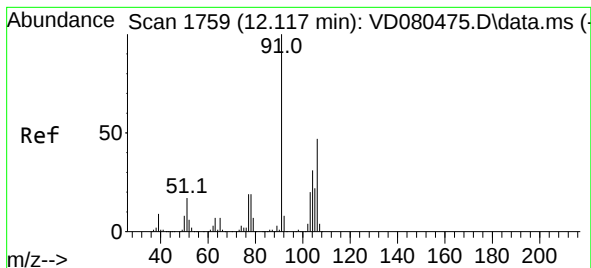
Tgt Ion: 91 Resp: 481268
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4



#68
m/p-Xylenes
Concen: 41.897 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion:106 Resp: 366072
Ion Ratio Lower Upper
106 100
91 201.7 159.9 239.9

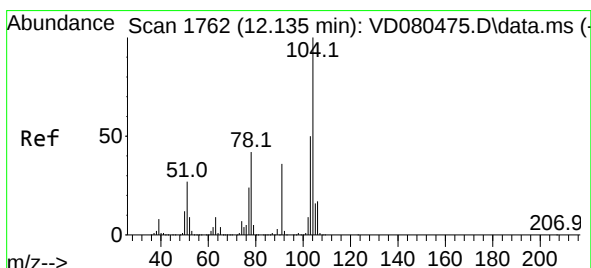
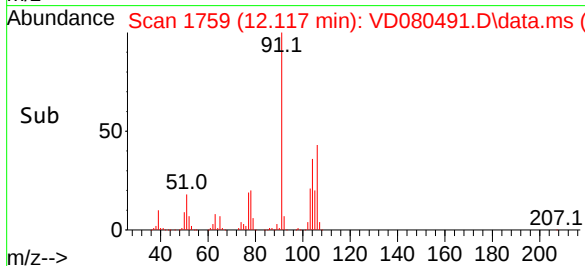
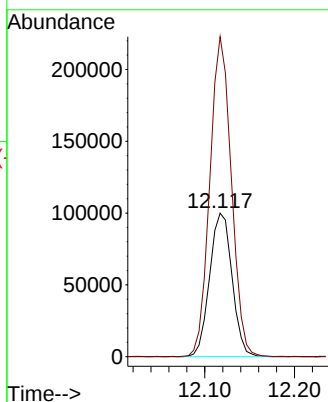
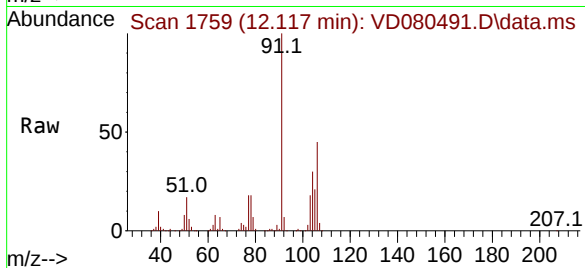




#69
o-Xylene
Concen: 20.550 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

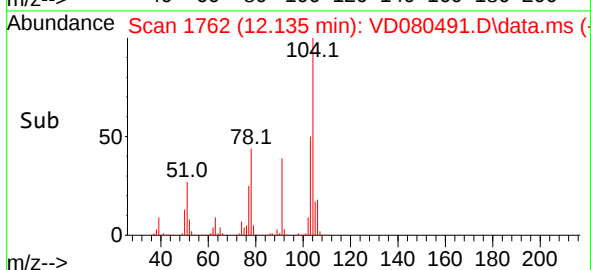
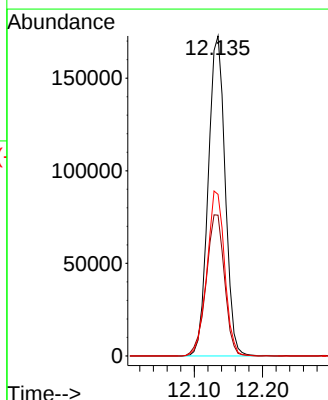
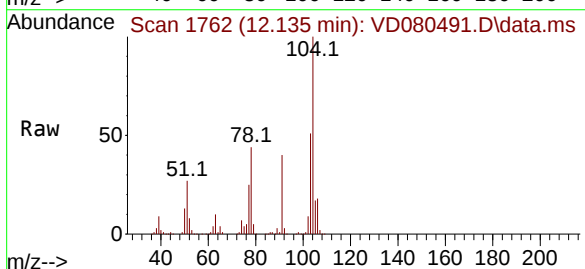
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

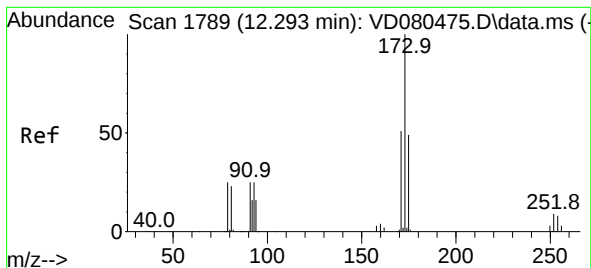
Tgt Ion:106 Resp: 173265
Ion Ratio Lower Upper
106 100
91 214.5 106.5 319.6



#70
Styrene
Concen: 20.924 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion:104 Resp: 298408
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 53.9 44.1 66.1





#71

Bromoform

Concen: 20.715 ug/l

RT: 12.299 min Scan# 1789

Delta R.T. 0.006 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBSD01

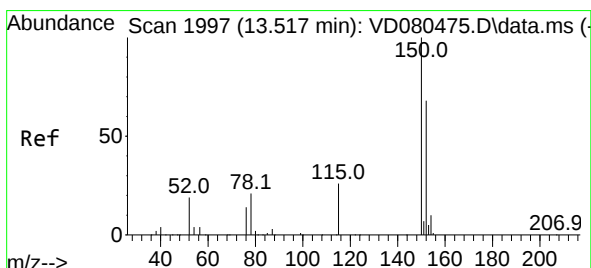
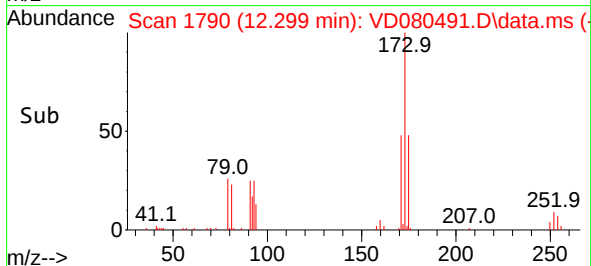
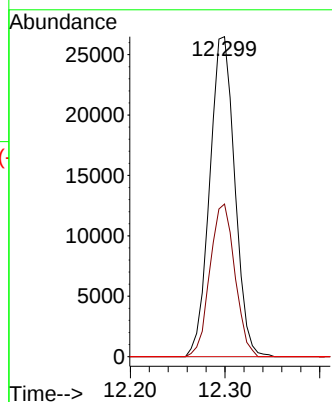
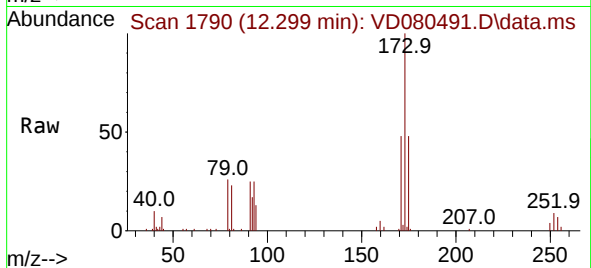
Tgt Ion:173 Resp: 48643

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: VD080491.D

Acq: 27 Jun 2025 12:34

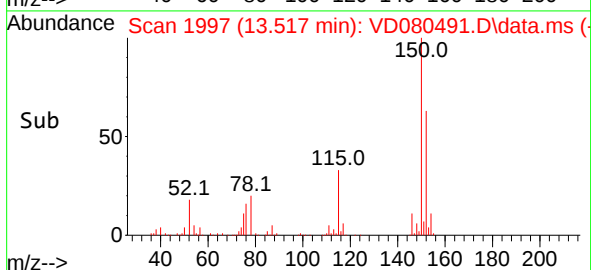
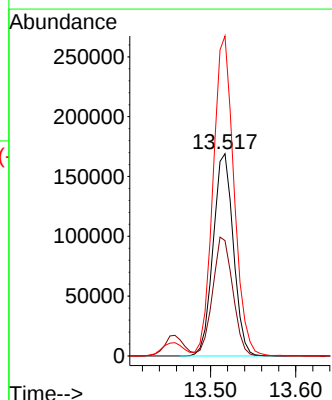
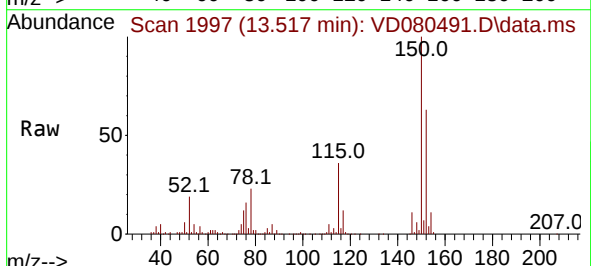
Tgt Ion:152 Resp: 278449

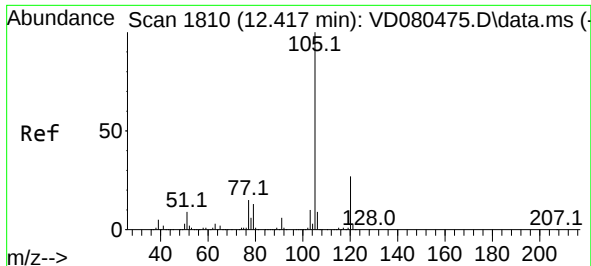
Ion Ratio Lower Upper

152 100

115 58.8 30.2 90.6

150 163.9 0.0 350.2

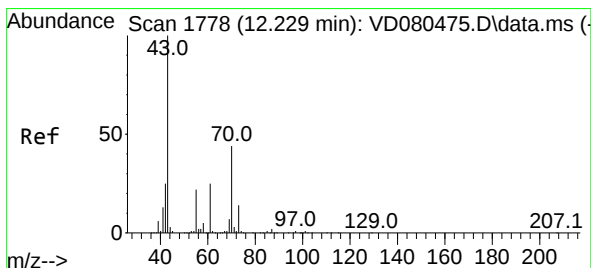
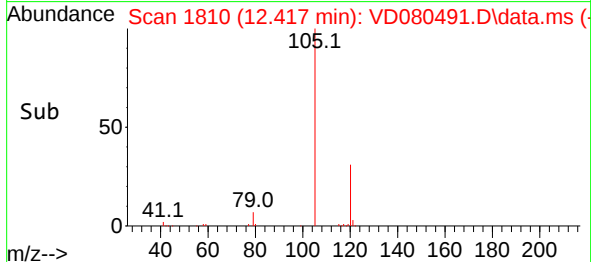
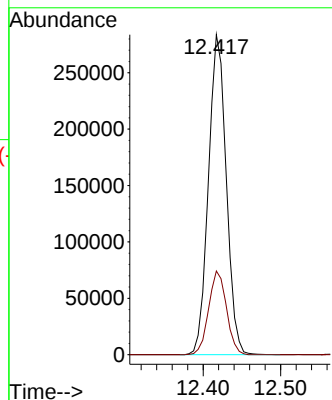
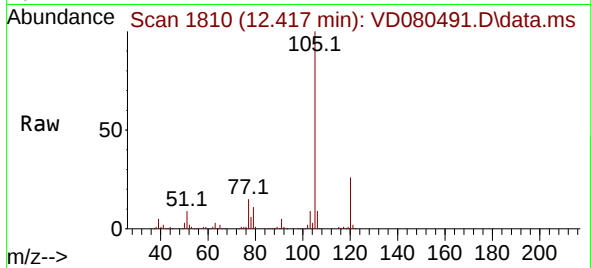




#73
Isopropylbenzene
Concen: 20.932 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

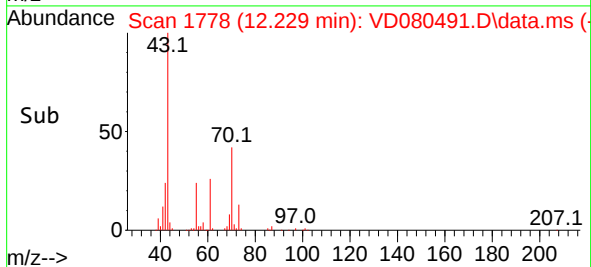
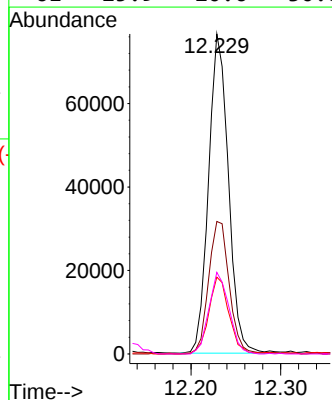
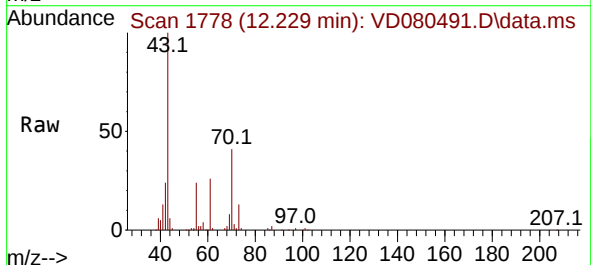
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

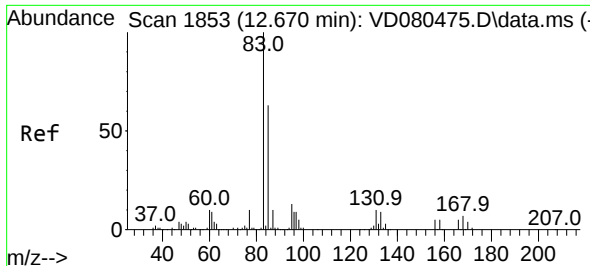
Tgt Ion:105 Resp: 453096
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9



#74
N-ethyl acetate
Concen: 20.771 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 43 Resp: 117723
Ion Ratio Lower Upper
43 100
70 43.1 35.4 53.2
55 24.5 18.8 28.2
61 25.9 20.6 30.8

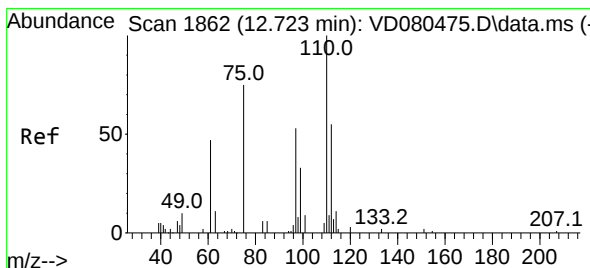
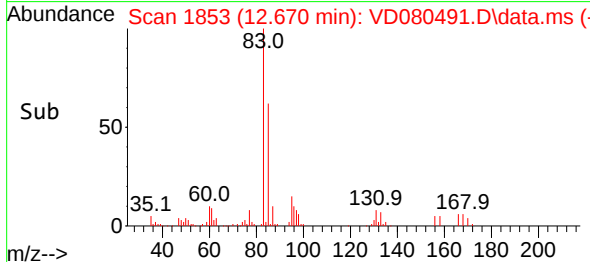
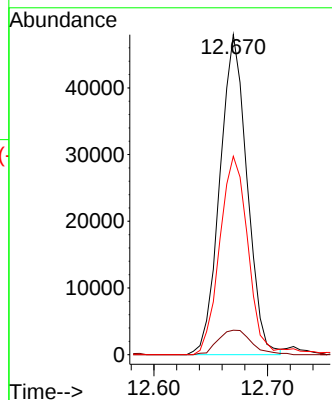
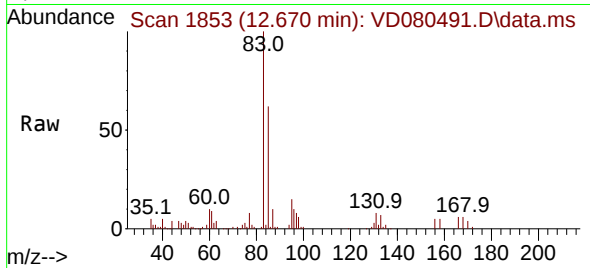




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.780 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080491.D
 Acq: 27 Jun 2025 12:34

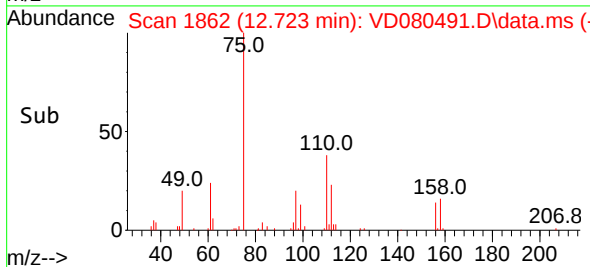
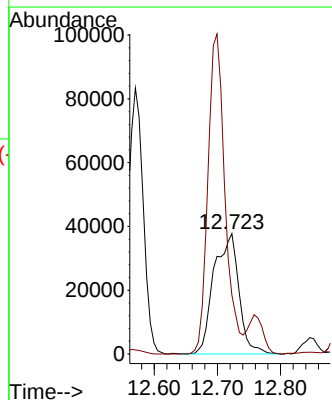
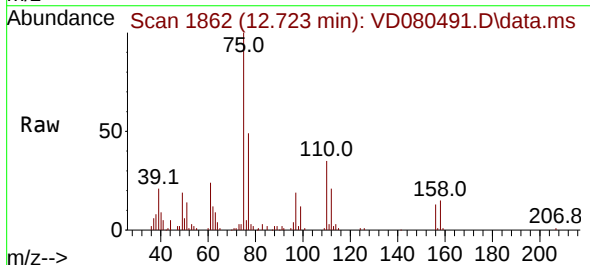
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBSD01

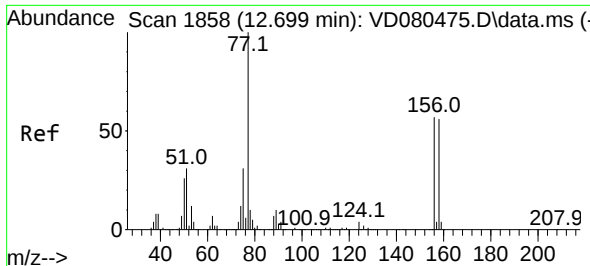
Tgt Ion: 83 Resp: 79723
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.3
 85 65.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 43.856 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080491.D
 Acq: 27 Jun 2025 12:34

Tgt Ion: 75 Resp: 103806
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

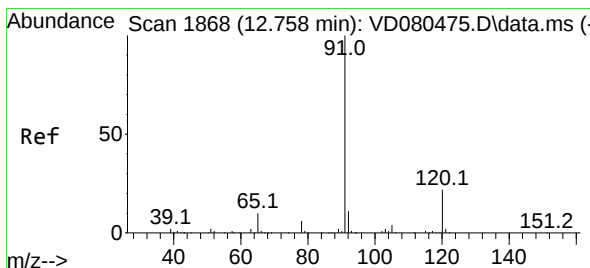
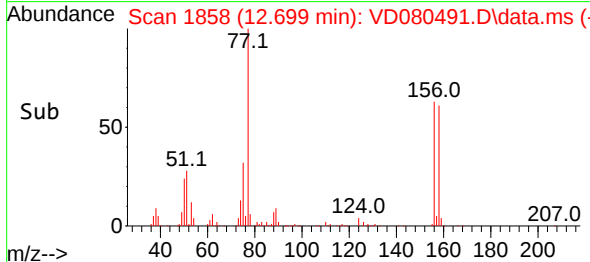
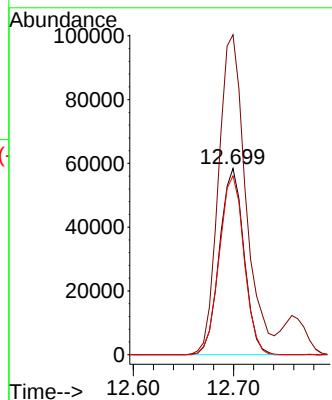
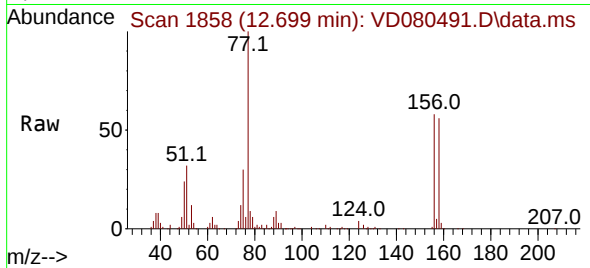




#77
Bromobenzene
Concen: 20.392 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

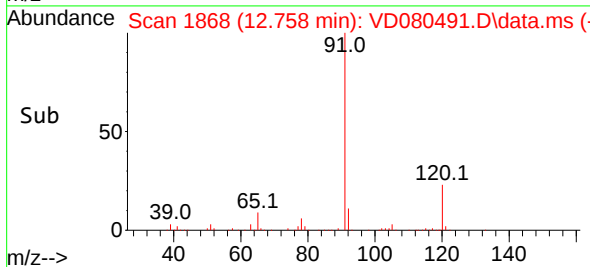
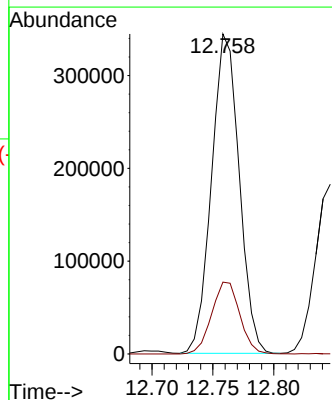
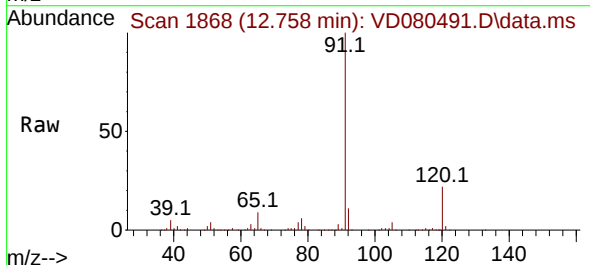
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

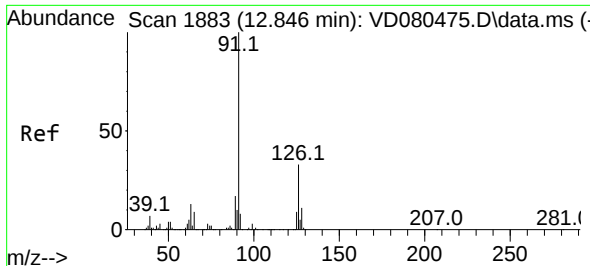
Tgt Ion:156 Resp: 98714
Ion Ratio Lower Upper
156 100
77 191.8 97.3 291.8
158 97.4 48.5 145.6



#78
n-propylbenzene
Concen: 20.879 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 91 Resp: 544033
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9

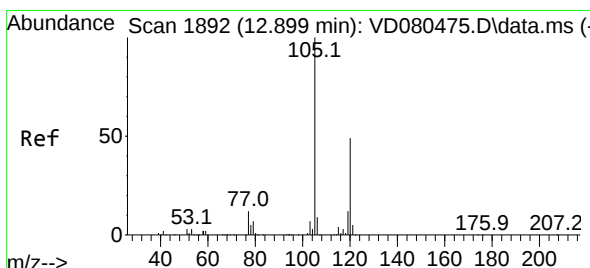
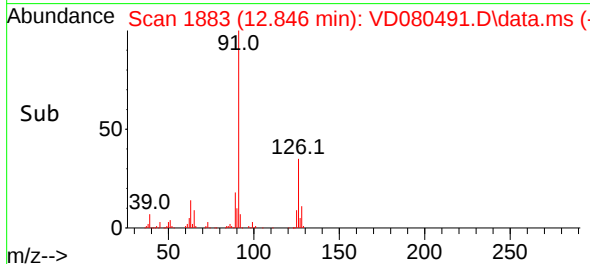
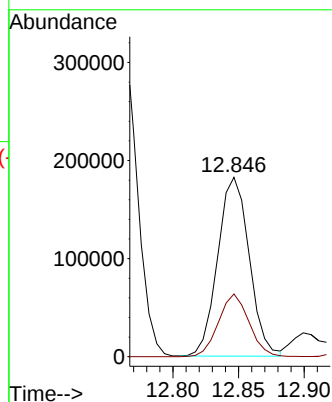
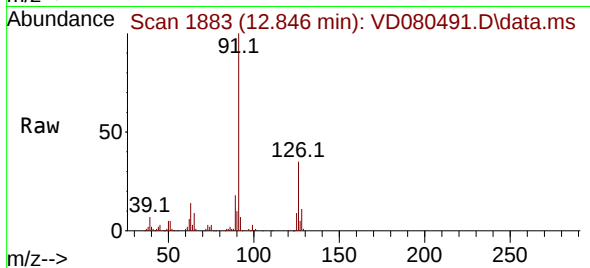




#79
2-Chlorotoluene
Concen: 20.366 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

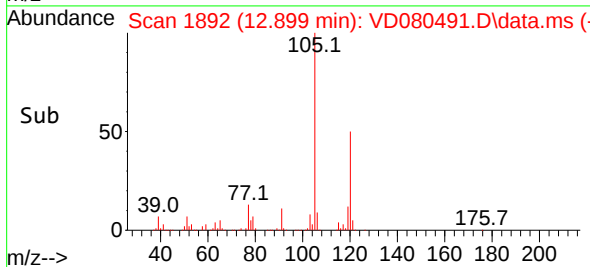
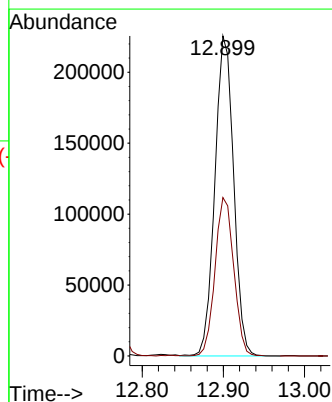
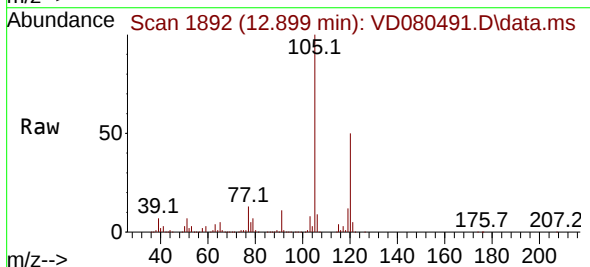
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

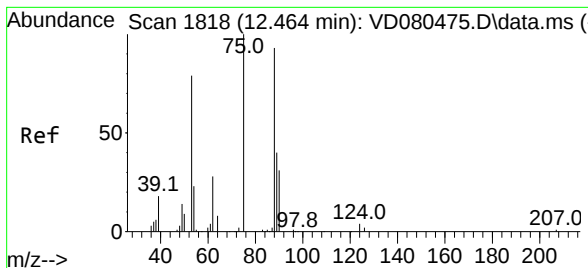
Tgt Ion: 91 Resp: 305206
Ion Ratio Lower Upper
91 100
126 34.0 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 20.652 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 105 Resp: 362511
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5

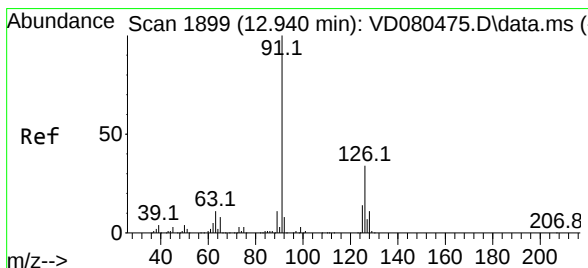
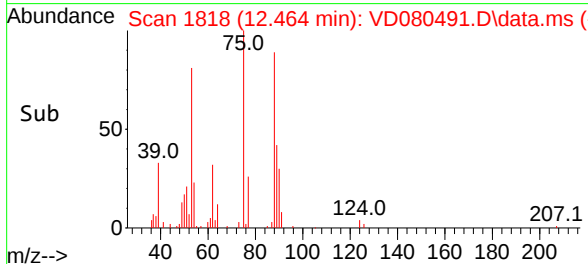
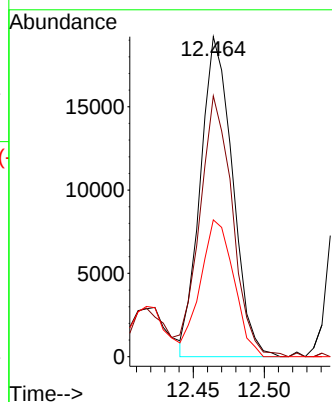
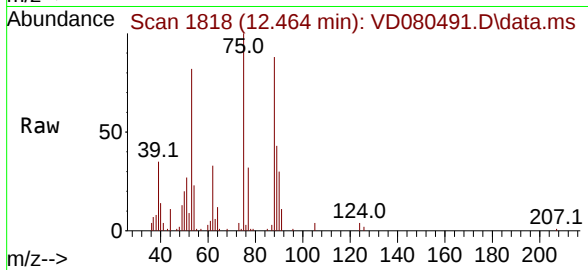




#81
trans-1,4-Dichloro-2-butene
Concen: 19.011 ug/l
RT: 12.464 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

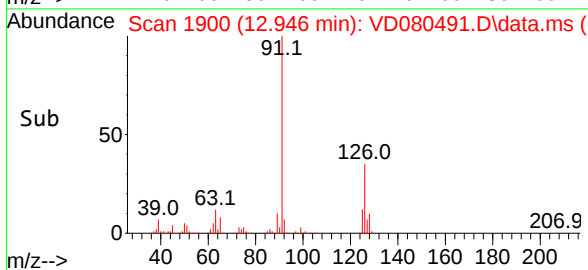
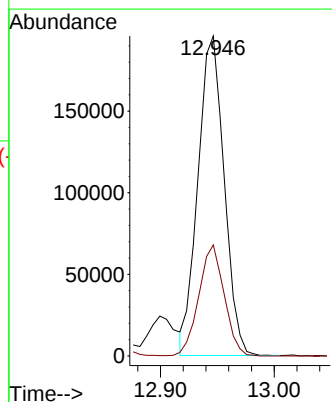
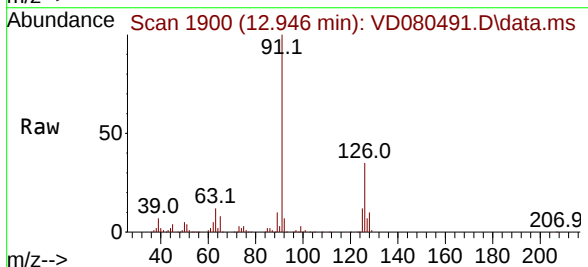
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

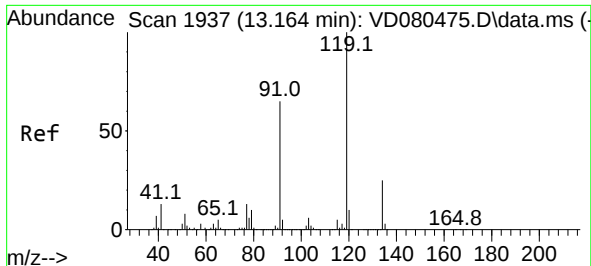
Tgt Ion: 75 Resp: 30282
Ion Ratio Lower Upper
75 100
53 83.5 61.5 92.3
89 44.4 33.0 49.6



#82
4-Chlorotoluene
Concen: 20.329 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 91 Resp: 312923
Ion Ratio Lower Upper
91 100
126 33.7 17.0 50.9

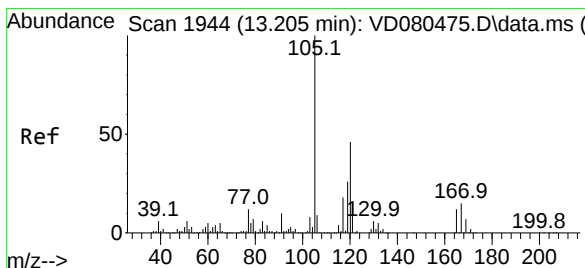
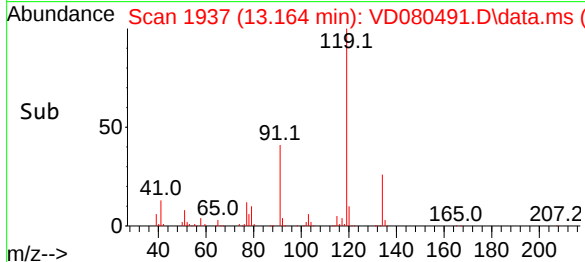
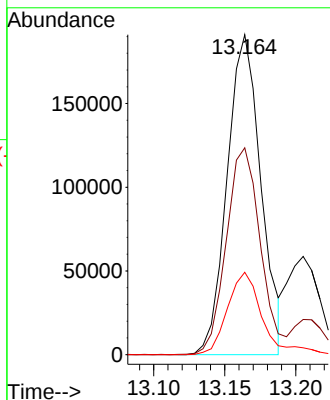
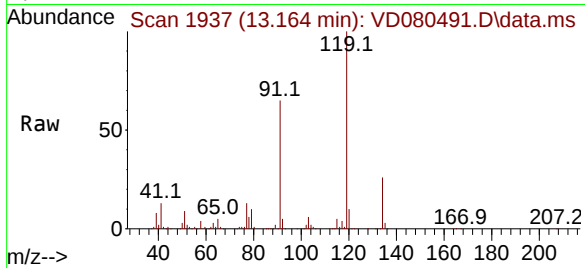




#83
 tert-Butylbenzene
 Concen: 20.579 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: VD080491.D
 Acq: 27 Jun 2025 12:34

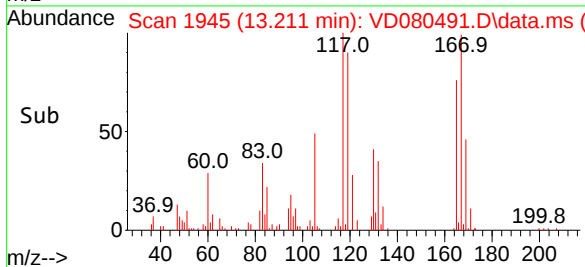
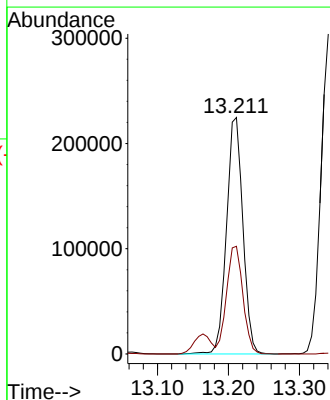
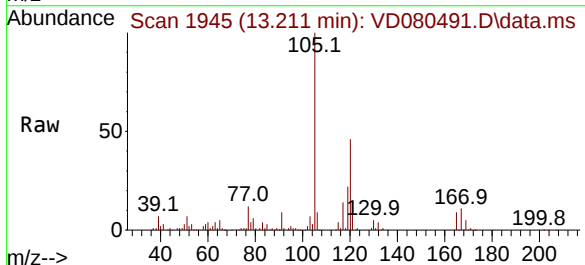
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBSD01

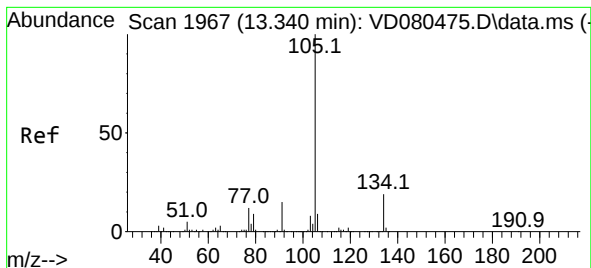
Tgt Ion:119 Resp: 315954
 Ion Ratio Lower Upper
 119 100
 91 65.7 32.4 97.2
 134 26.7 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.482 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VD080491.D
 Acq: 27 Jun 2025 12:34

Tgt Ion:105 Resp: 358934
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.8 68.3





#85

sec-Butylbenzene

Concen: 21.081 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Instrument :

MSVOA_D

ClientSampleId :

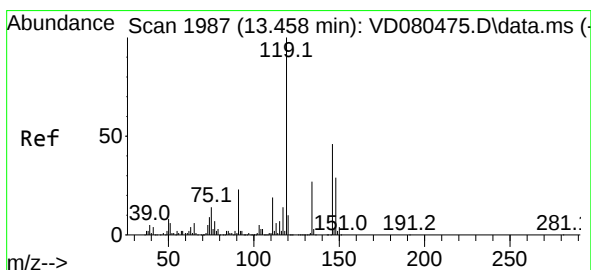
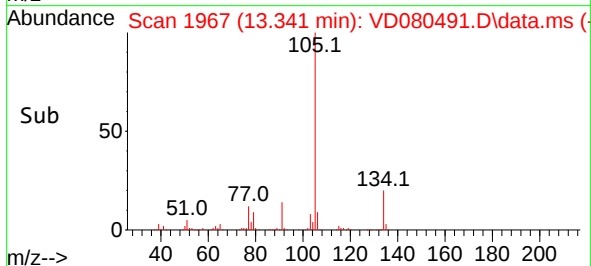
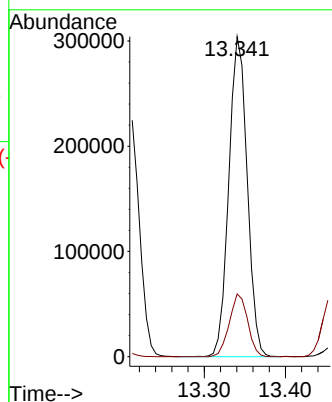
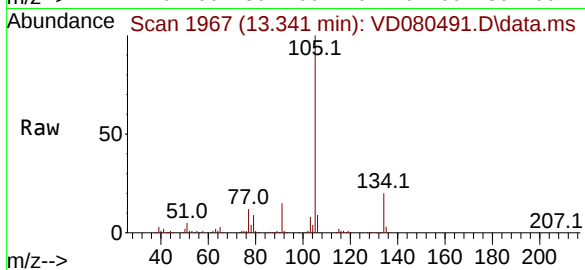
VD0627SBS01

Tgt Ion:105 Resp: 478035

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.4



#86

p-Isopropyltoluene

Concen: 20.710 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

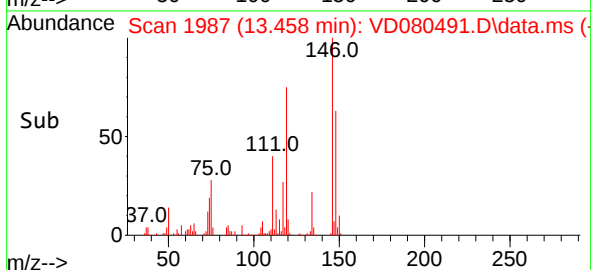
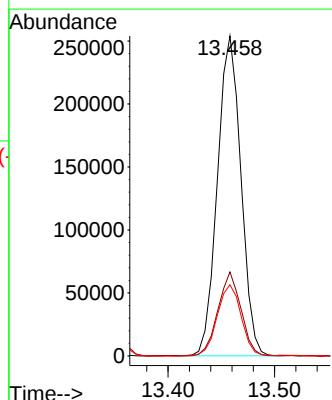
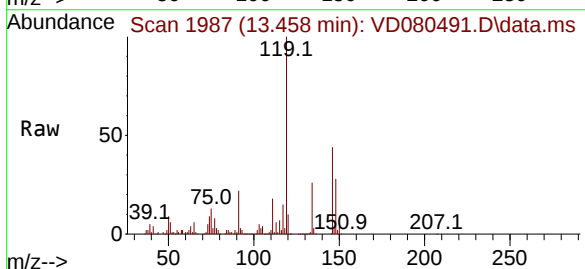
Tgt Ion:119 Resp: 388635

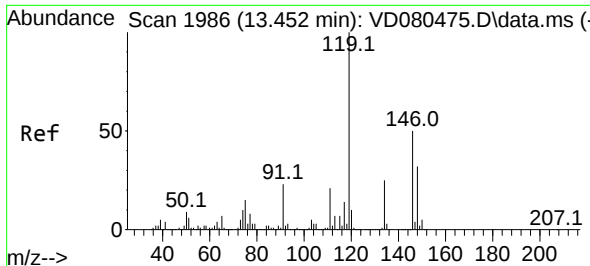
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 22.6 11.5 34.5

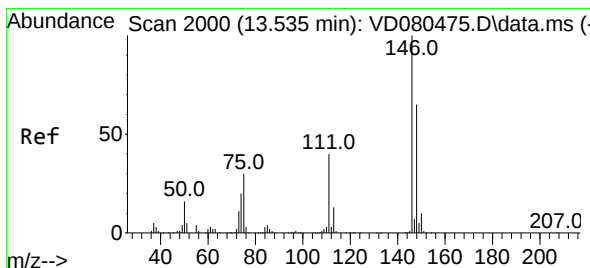
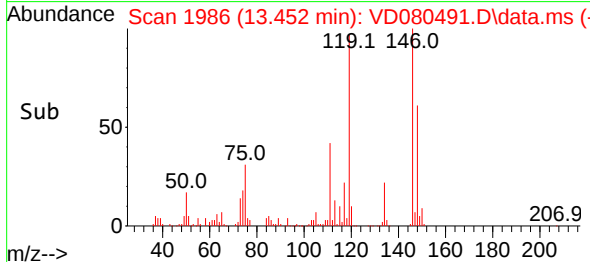
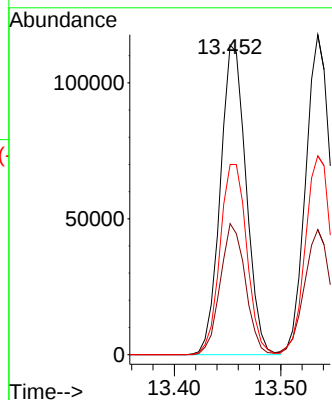
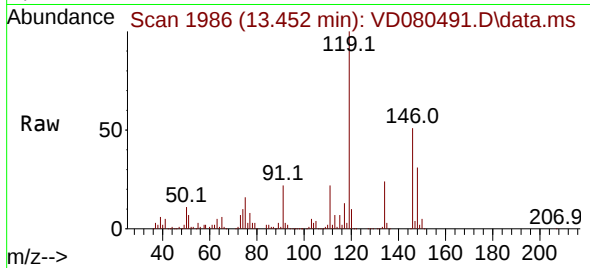




#87
 1,3-Dichlorobenzene
 Concen: 20.503 ug/l
 RT: 13.452 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VD080491.D
 Acq: 27 Jun 2025 12:34

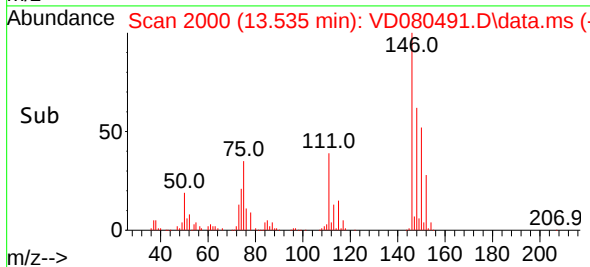
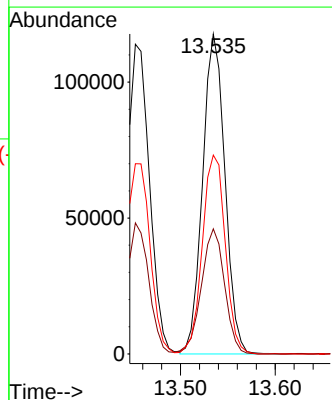
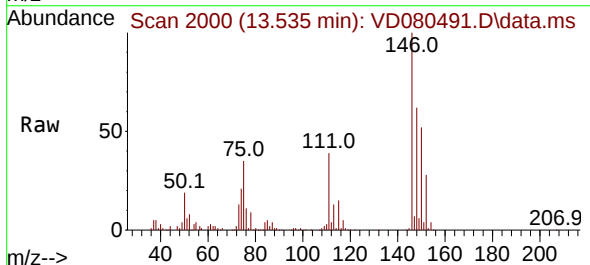
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBSD01

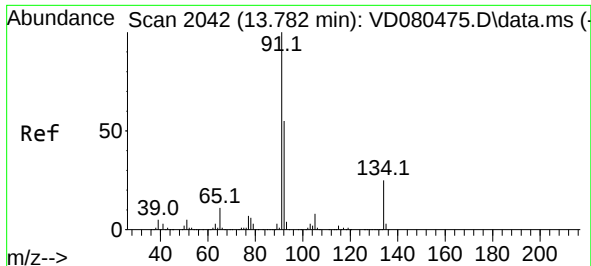
Tgt Ion:146 Resp: 191948
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.6 61.8
 148 63.7 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.686 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080491.D
 Acq: 27 Jun 2025 12:34

Tgt Ion:146 Resp: 193310
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 60.0
 148 63.9 32.1 96.3

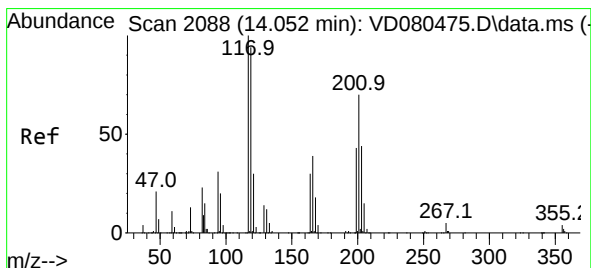
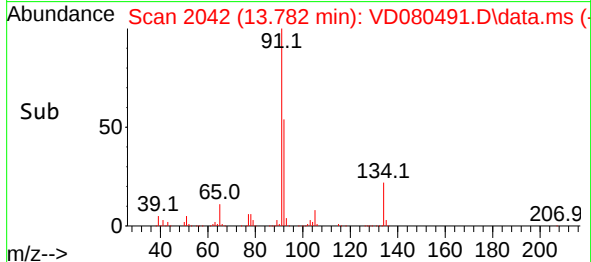
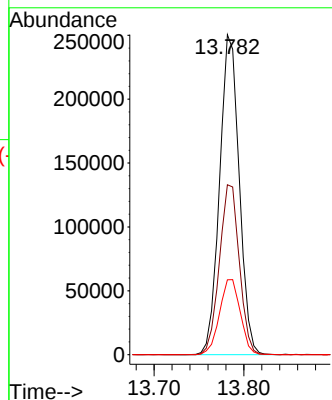
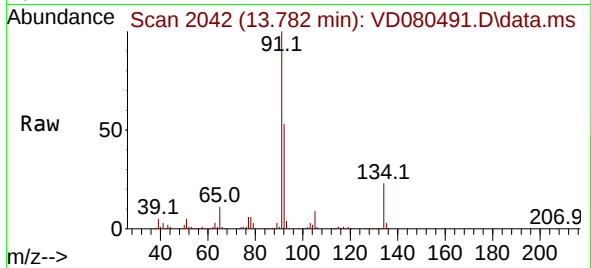




#89
n-Butylbenzene
Concen: 21.096 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

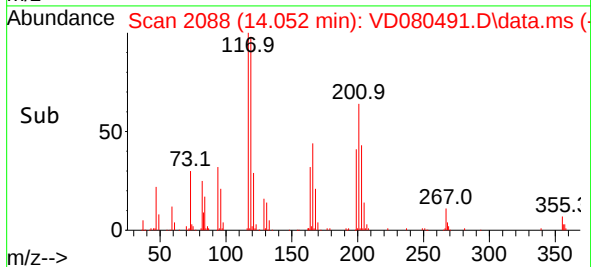
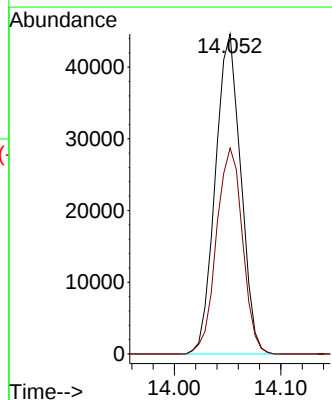
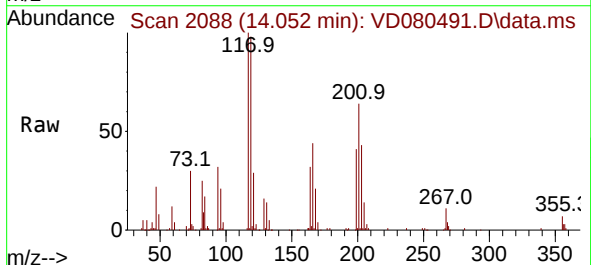
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

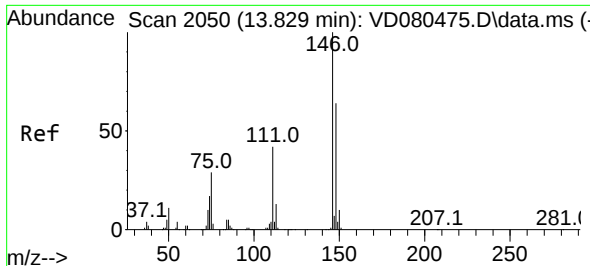
Tgt Ion: 91 Resp: 379943
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.0
134 24.9 12.6 37.8



#90
Hexachloroethane
Concen: 20.401 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 117 Resp: 73967
Ion Ratio Lower Upper
117 100
201 66.1 34.2 102.5

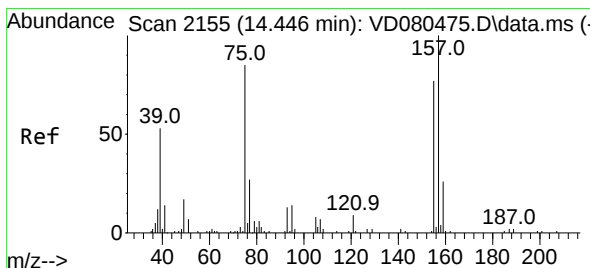
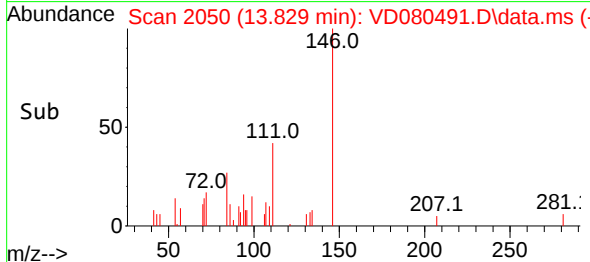
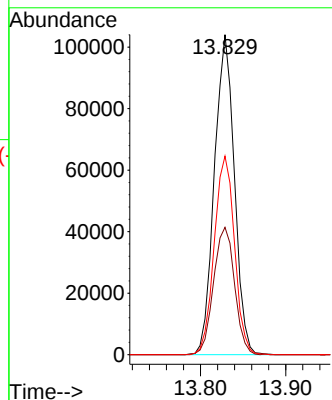
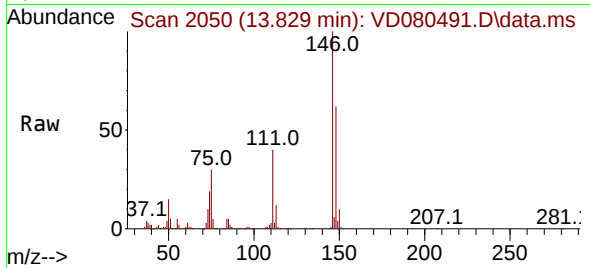




#91
1,2-Dichlorobenzene
Concen: 20.636 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

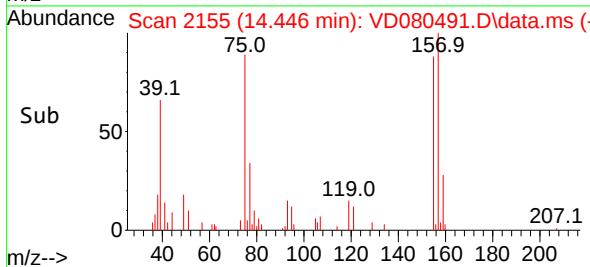
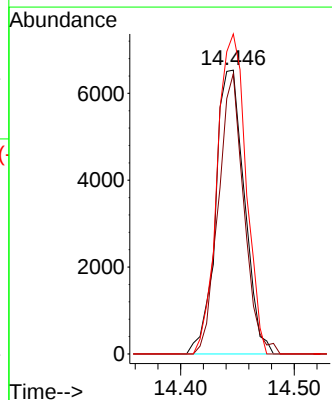
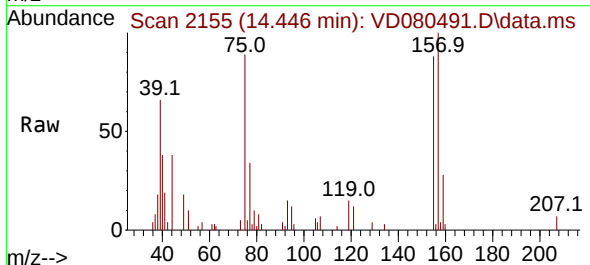
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBSD01

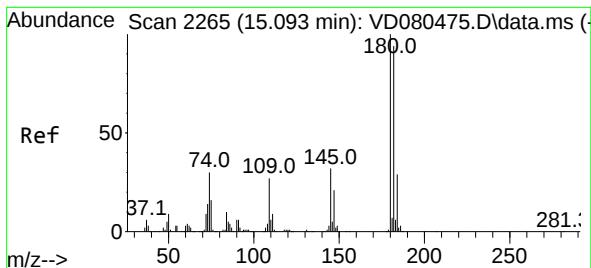
Tgt Ion:146 Resp: 170051
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.7
148 62.9 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.885 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VD080491.D
Acq: 27 Jun 2025 12:34

Tgt Ion: 75 Resp: 11480
Ion Ratio Lower Upper
75 100
155 87.6 45.6 136.8
157 112.9 58.6 175.8





#93

1,2,4-Trichlorobenzene

Concen: 20.259 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBSD01

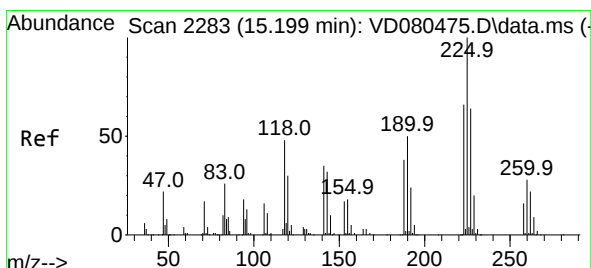
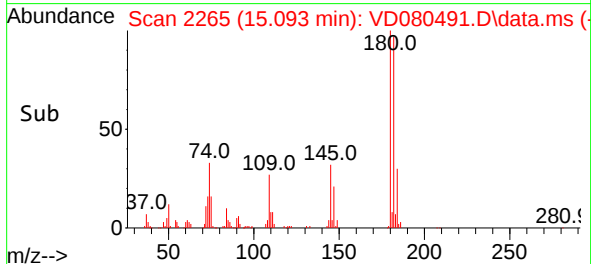
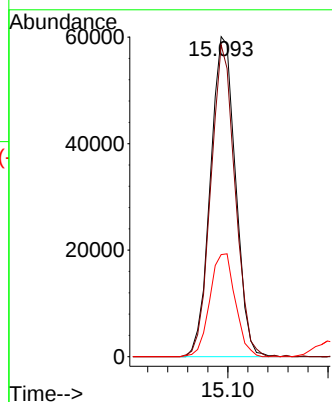
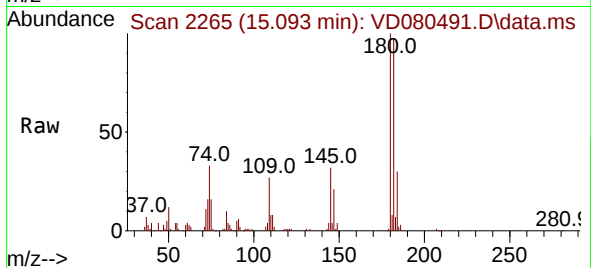
Tgt Ion:180 Resp: 104603

Ion Ratio Lower Upper

180 100

182 93.9 46.8 140.4

145 32.6 16.0 47.9



#94

Hexachlorobutadiene

Concen: 20.560 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

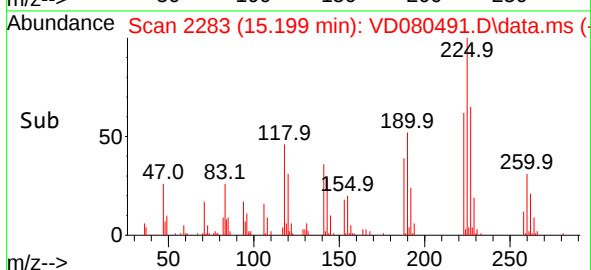
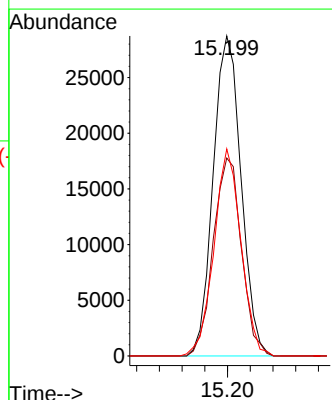
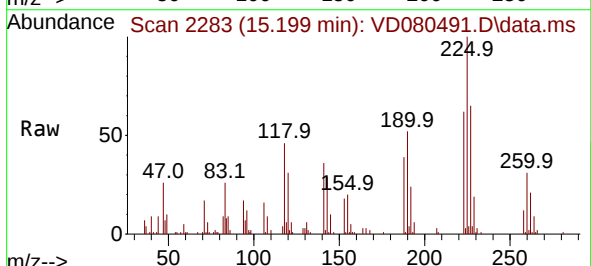
Tgt Ion:225 Resp: 49007

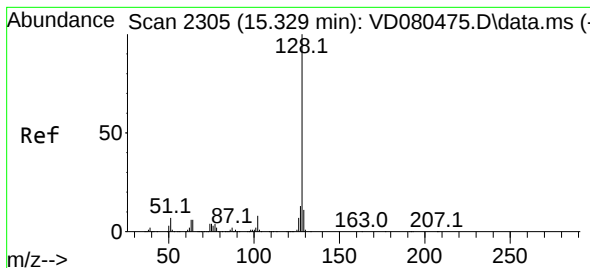
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.2

227 62.6 31.8 95.3





#95

Naphthalene

Concen: 19.466 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBS01

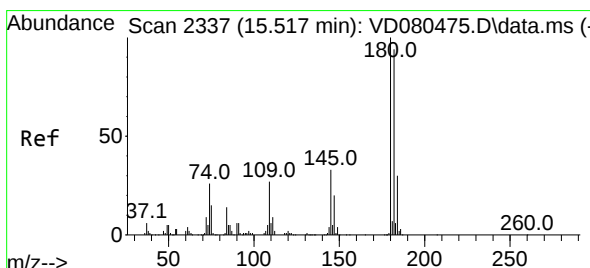
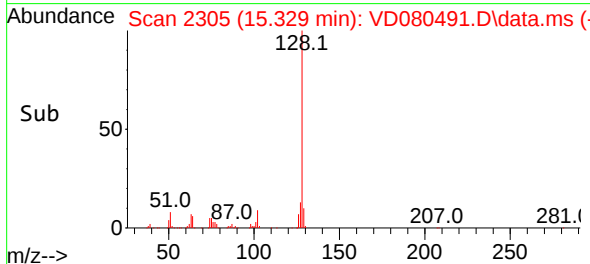
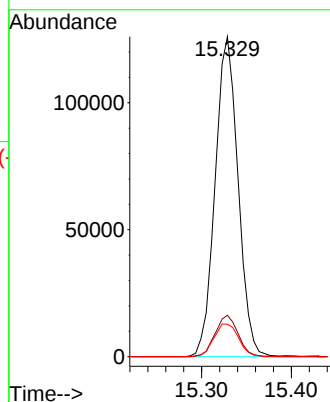
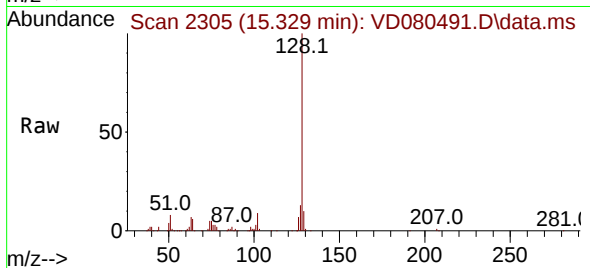
Tgt Ion:128 Resp: 223337

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.172 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080491.D

Acq: 27 Jun 2025 12:34

Tgt Ion:180 Resp: 89557

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

145 34.0 16.7 50.1

