

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
 Data File : VD080235.D
 Acq On : 04 Feb 2025 13:02
 Operator : RP/MD
 Sample : VD0204SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 05 00:39:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	120560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	198480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	187950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104981	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	82737	52.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.520%	
35) Dibromofluoromethane	7.799	113	78025	55.467	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.940%	
50) Toluene-d8	10.269	98	296441	56.827	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.660%	
62) 4-Bromofluorobenzene	12.575	95	98284	58.719	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.440%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	31824	24.611	ug/l	99
3) Chloromethane	2.152	50	56822	22.626	ug/l	100
4) Vinyl Chloride	2.281	62	65509	21.562	ug/l	96
5) Bromomethane	2.675	94	44257	20.841	ug/l	97
6) Chloroethane	2.828	64	45316	22.394	ug/l	93
7) Trichlorofluoromethane	3.164	101	52145	20.711	ug/l	93
8) Diethyl Ether	3.593	74	14809	21.500	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.958	101	31411	21.552	ug/l	98
10) Methyl Iodide	4.164	142	29138	26.821	ug/l	99
11) Tert butyl alcohol	5.058	59	5090	58.757	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	27949	20.244	ug/l	95
13) Acrolein	3.799	56	16242	99.438	ug/l	97
14) Allyl chloride	4.558	41	45431	21.353	ug/l	100
15) Acrylonitrile	5.263	53	33581	101.476	ug/l	97
16) Acetone	4.028	43	26463	104.703	ug/l	96
17) Carbon Disulfide	4.264	76	101592	20.403	ug/l	97
18) Methyl Acetate	4.569	43	19353	22.693	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	61777	20.325	ug/l	96
20) Methylene Chloride	4.799	84	36044	21.015	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	33114	21.113	ug/l	98
22) Diisopropyl ether	6.216	45	96868	21.877	ug/l	97
23) Vinyl Acetate	6.158	43	269002	105.231	ug/l	100
24) 1,1-Dichloroethane	6.110	63	60863	20.969	ug/l	97
25) 2-Butanone	7.087	43	40200	102.544	ug/l	98
26) 2,2-Dichloropropane	7.081	77	51711	20.540	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	35798	20.203	ug/l	98
28) Bromochloromethane	7.422	49	25893	19.548	ug/l	95
29) Tetrahydrofuran	7.446	42	26910	104.804	ug/l	99
30) Chloroform	7.593	83	63422	21.372	ug/l	94
31) Cyclohexane	7.875	56	46406	19.972	ug/l	92
32) 1,1,1-Trichloroethane	7.787	97	50081	20.172	ug/l	98
36) 1,1-Dichloropropene	8.010	75	41912	20.802	ug/l	100
37) Ethyl Acetate	7.175	43	19850	20.092	ug/l	94
38) Carbon Tetrachloride	7.987	117	44444	21.119	ug/l	92
39) Methylcyclohexane	9.269	83	42850	19.576	ug/l	92
40) Benzene	8.252	78	133266	21.102	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9572	17.601	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	38341	21.334	ug/l	99
43) Isopropyl Acetate	8.363	43	38233	21.805	ug/l #	87
44) Trichloroethene	9.028	130	31150	21.351	ug/l	90
45) 1,2-Dichloropropane	9.304	63	34269	21.573	ug/l	95
46) Dibromomethane	9.393	93	19574	22.117	ug/l	97
47) Bromodichloromethane	9.587	83	46862	20.998	ug/l	98
48) Methyl methacrylate	9.381	41	17109	21.086	ug/l	91
49) 1,4-Dioxane	9.393	88	4229	439.259	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	97378	109.829	ug/l	97
52) Toluene	10.334	92	82737	22.398	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	42078	22.117	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	49708	21.479	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	24615	21.406	ug/l	96
56) Ethyl methacrylate	10.598	69	27944	21.297	ug/l	94
57) 1,3-Dichloropropane	10.881	76	40823	21.463	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	61423	109.681	ug/l	97
59) 2-Hexanone	10.922	43	64034	110.061	ug/l	97
60) Dibromochloromethane	11.075	129	32088	22.639	ug/l	100
61) 1,2-Dibromoethane	11.181	107	22861	21.829	ug/l	99
64) Tetrachloroethene	10.810	164	26079	19.863	ug/l	94
65) Chlorobenzene	11.604	112	88045	20.436	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	31381	20.822	ug/l	96
67) Ethyl Benzene	11.681	91	141870	19.796	ug/l	98
68) m/p-Xylenes	11.793	106	113323	40.731	ug/l	99
69) o-Xylene	12.122	106	50691	19.980	ug/l	99
70) Styrene	12.134	104	92785	20.545	ug/l	98
71) Bromoform	12.298	173	19024	21.412	ug/l #	94
73) Isopropylbenzene	12.422	105	130864	18.429	ug/l	100
74) N-amyl acetate	12.234	43	36618	19.618	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	28980	19.613	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	38144	35.922	ug/l #	100
77) Bromobenzene	12.698	156	35859	19.578	ug/l	99
78) n-propylbenzene	12.763	91	173693	19.212	ug/l	99
79) 2-Chlorotoluene	12.851	91	102158	19.890	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	116744	19.659	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	10160	19.565	ug/l	93
82) 4-Chlorotoluene	12.945	91	110613	20.266	ug/l	99
83) tert-Butylbenzene	13.163	119	92126	18.976	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	118680	19.634	ug/l	98
85) sec-Butylbenzene	13.345	105	146083	19.680	ug/l	99
86) p-Isopropyltoluene	13.457	119	123698	19.516	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	73165	20.281	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	74757	20.474	ug/l	100
89) n-Butylbenzene	13.787	91	121116	19.664	ug/l	97
90) Hexachloroethane	14.051	117	28443	20.191	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	64553	20.307	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4650	19.780	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	37746	18.628	ug/l	96
94) Hexachlorobutadiene	15.198	225	20651	18.818	ug/l	97
95) Naphthalene	15.334	128	64778	20.358	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	35887	19.625	ug/l	97

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QLast Update : Tue Feb 04 05:44:14 2025
Response via : Initial Calibration

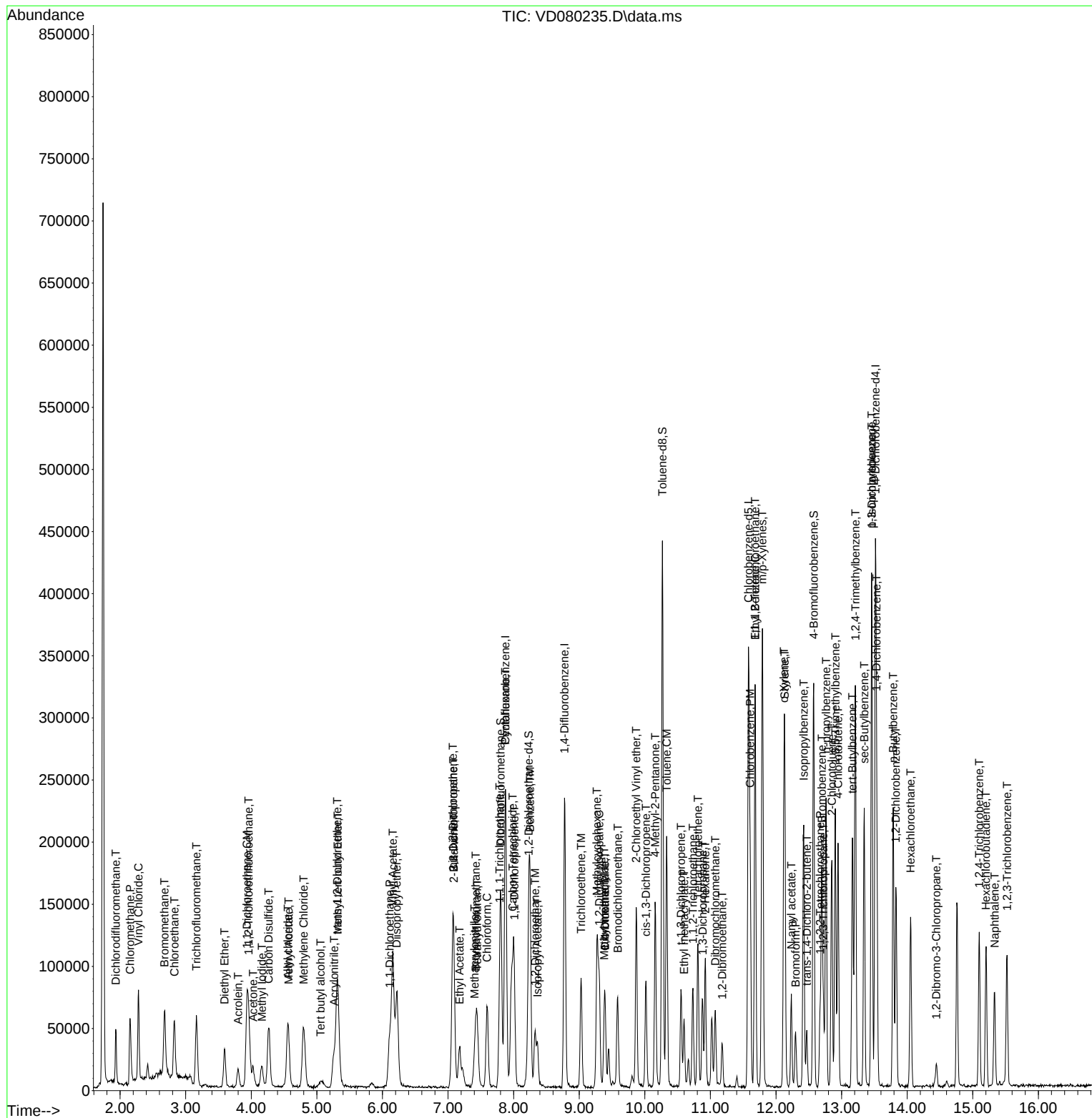
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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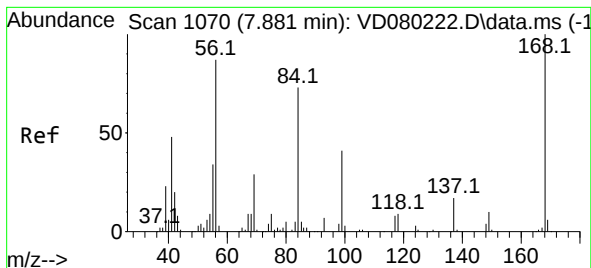
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

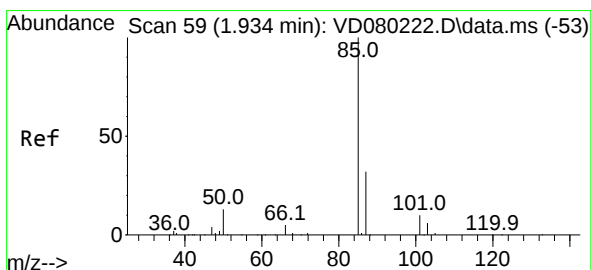
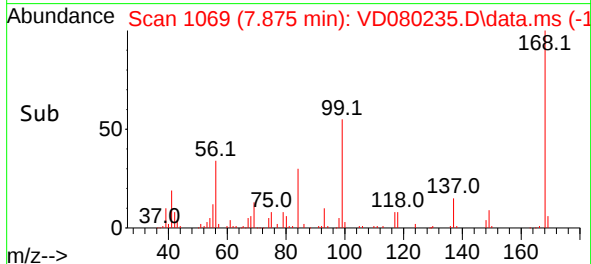
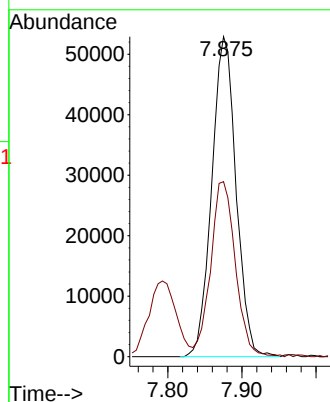
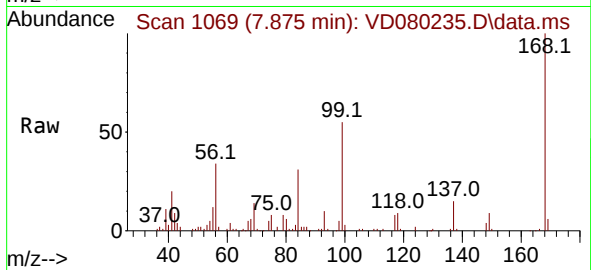
ClientSampleId :

Tgt Ion:168 Resp: 120560

Ion Ratio Lower Upper

168 100

99 54.2 44.4 66.6



#2

Dichlorodifluoromethane

Concen: 24.611 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD080235.D

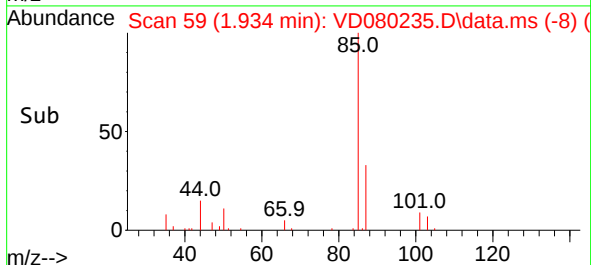
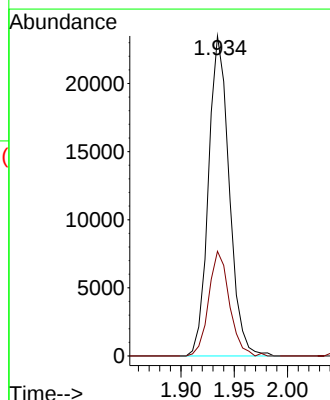
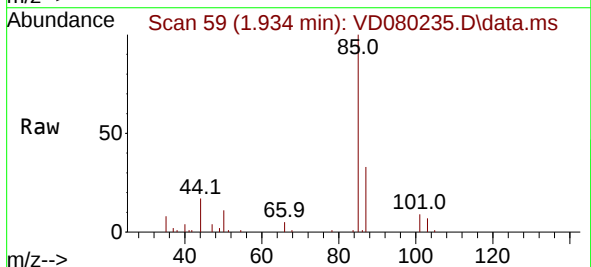
Acq: 04 Feb 2025 13:02

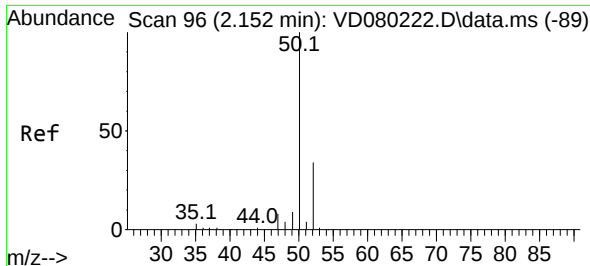
Tgt Ion: 85 Resp: 31824

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9

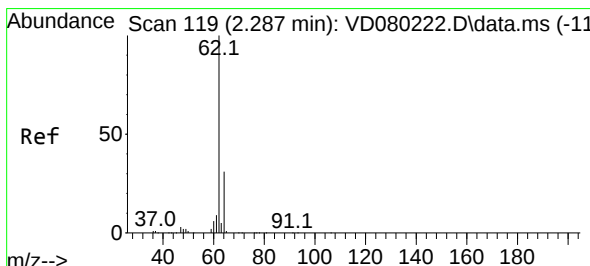
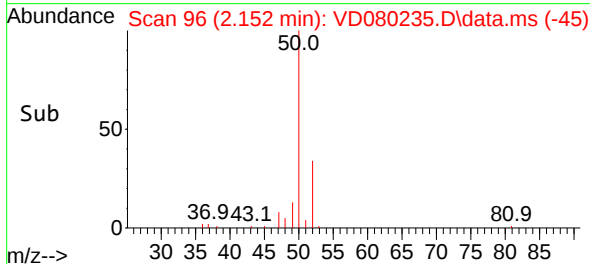
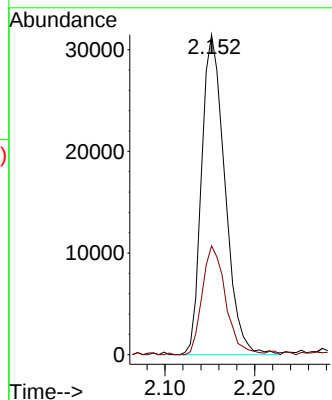
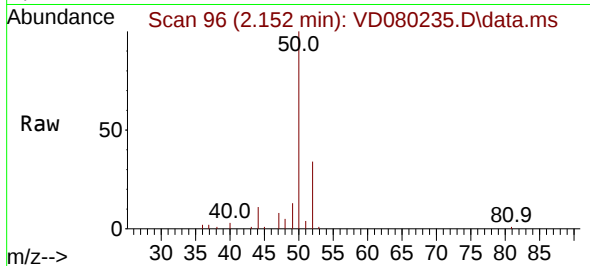




#3
Chloromethane
Concen: 22.626 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

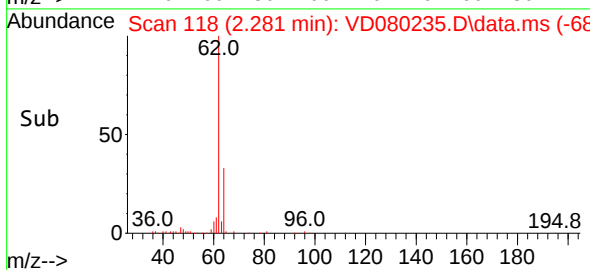
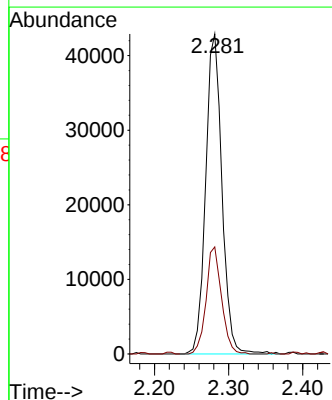
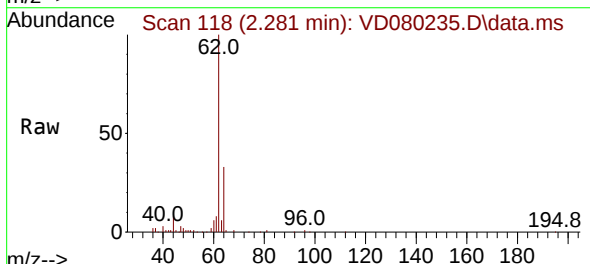
Instrument :
MSVOA_D
ClientSampleId :

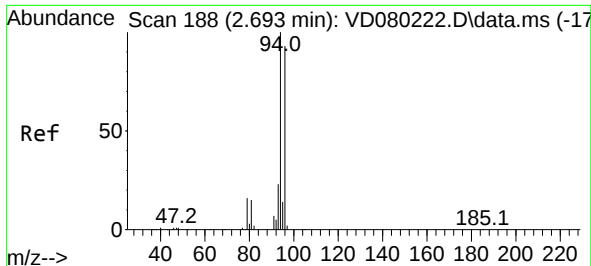
Tgt Ion: 50 Resp: 56822
Ion Ratio Lower Upper
50 100
52 34.0 27.2 40.8



#4
Vinyl Chloride
Concen: 21.562 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion: 62 Resp: 65509
Ion Ratio Lower Upper
62 100
64 33.5 24.8 37.2

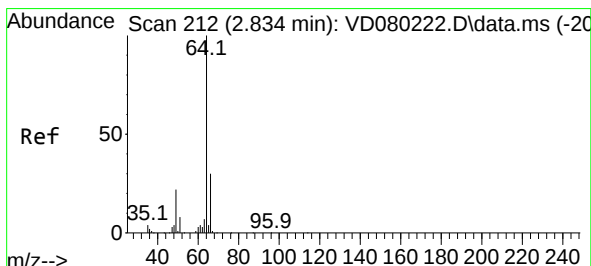
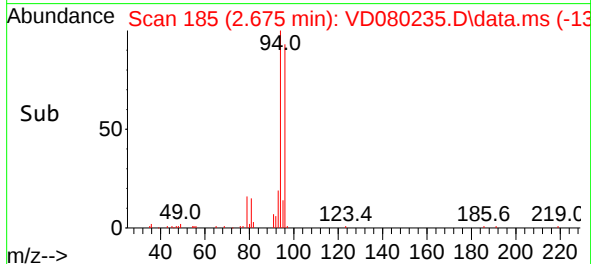
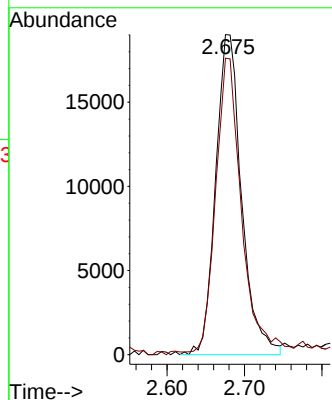
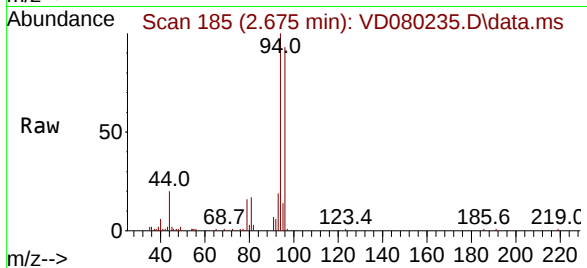




#5
Bromomethane
Concen: 20.841 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD080235.D
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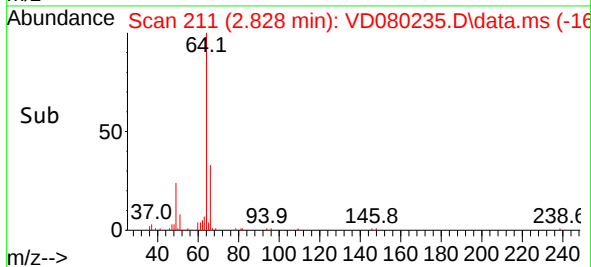
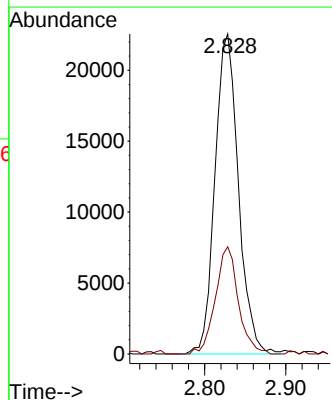
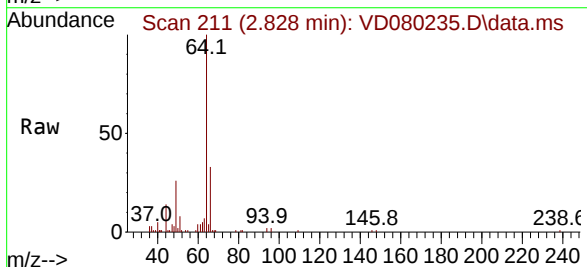
Instrument :
MSVOA_D
ClientSampleId :

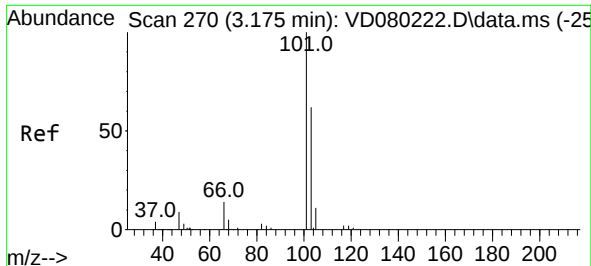
Tgt Ion: 94 Resp: 44257
Ion Ratio Lower Upper
94 100
96 90.2 74.4 111.6



#6
Chloroethane
Concen: 22.394 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

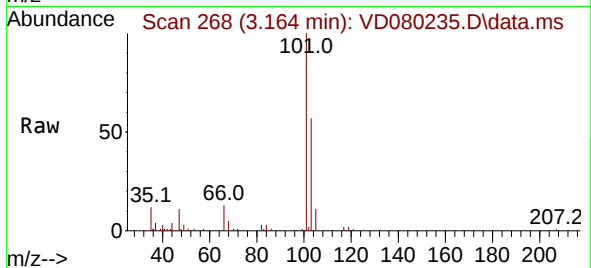
Tgt Ion: 64 Resp: 45316
Ion Ratio Lower Upper
64 100
66 33.5 23.8 35.8



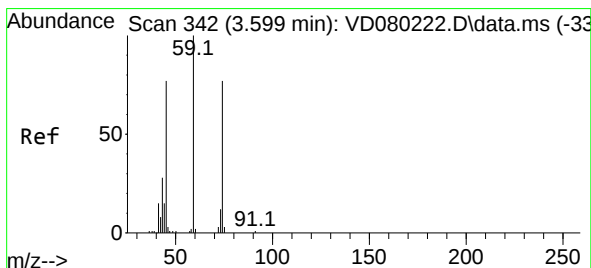
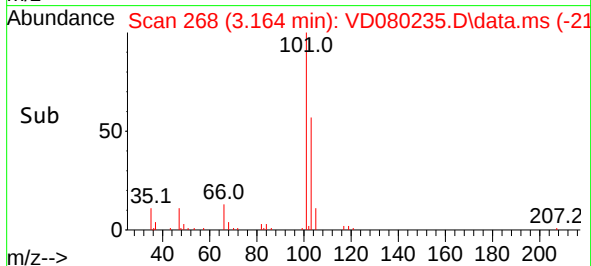
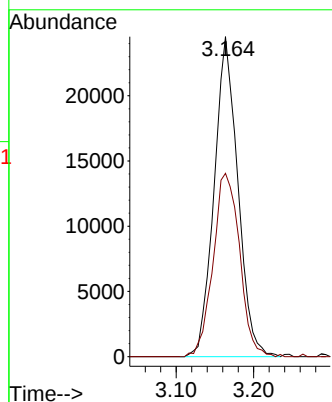


#7
Trichlorofluoromethane
Concen: 20.711 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.011 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Instrument :
MSVOA_D
ClientSampleId :

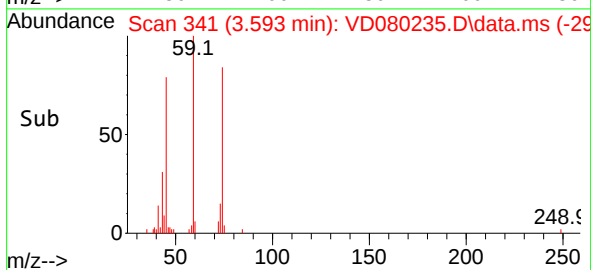
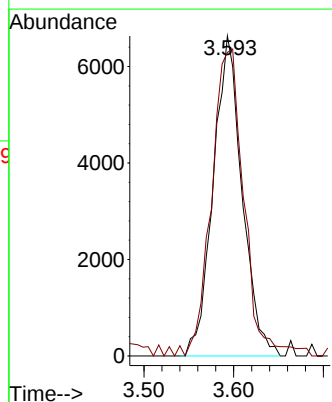
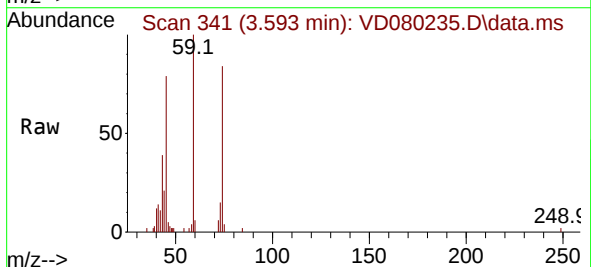


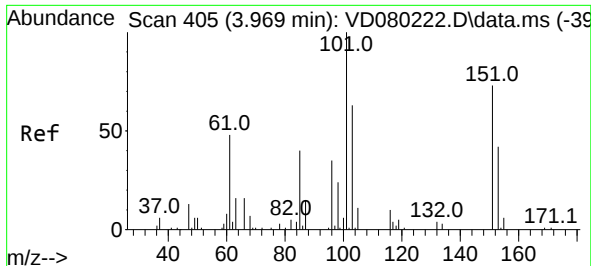
Tgt Ion:101 Resp: 52145
Ion Ratio Lower Upper
101 100
103 57.3 49.9 74.9



#8
Diethyl Ether
Concen: 21.500 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD080235.D
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Tgt Ion: 74 Resp: 14809
Ion Ratio Lower Upper
74 100
45 107.6 51.0 153.1

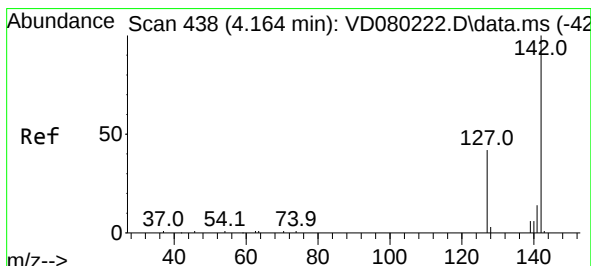
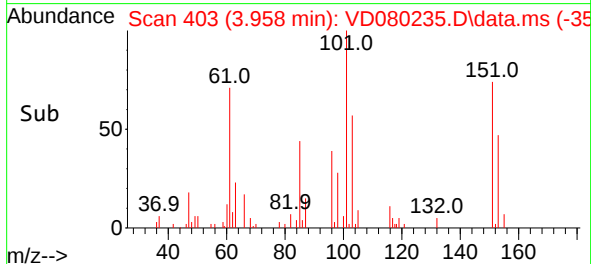
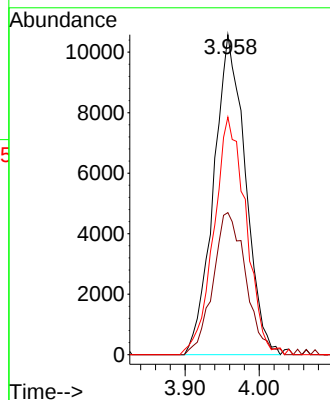
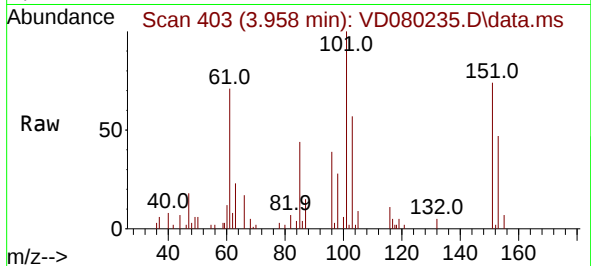




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.552 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

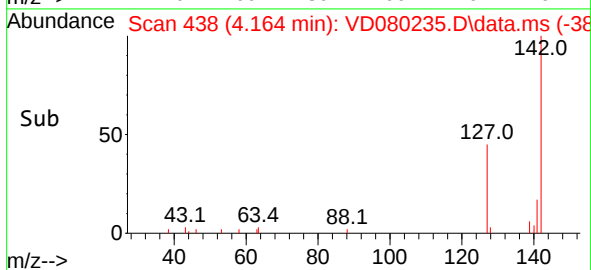
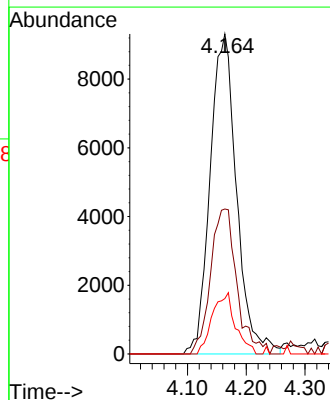
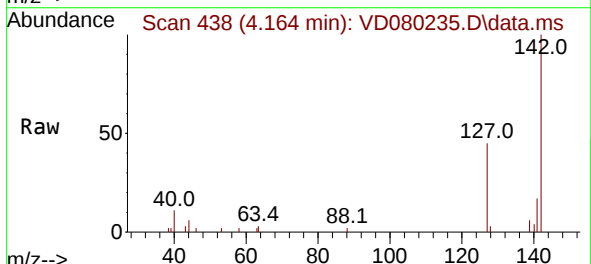
Instrument :
MSVOA_D
ClientSampleId :

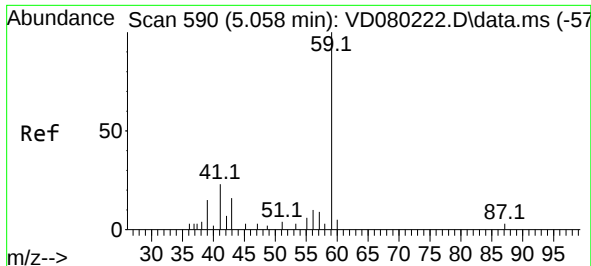
Tgt Ion:101 Resp: 31411
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 75.5 59.0 88.6



#10
Methyl Iodide
Concen: 26.821 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

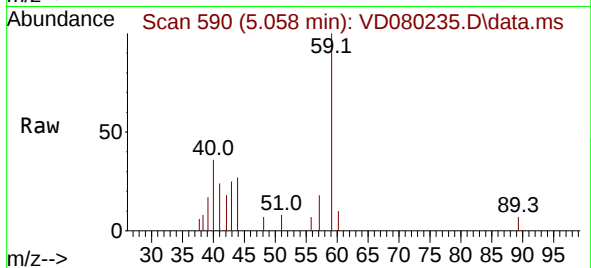
Tgt Ion:142 Resp: 29138
Ion Ratio Lower Upper
142 100
127 44.9 35.4 53.2
141 16.7 12.6 18.8



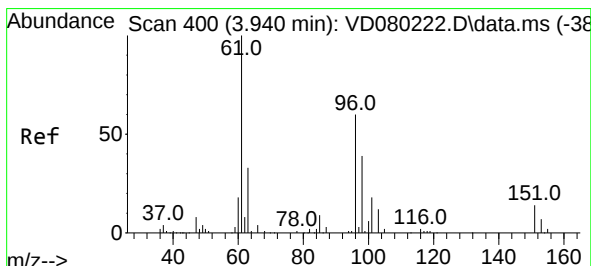
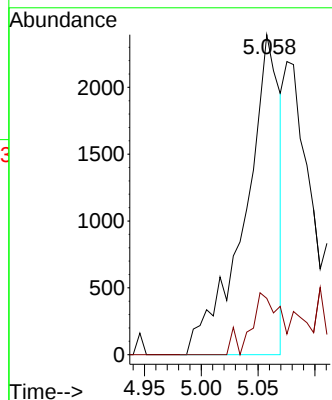
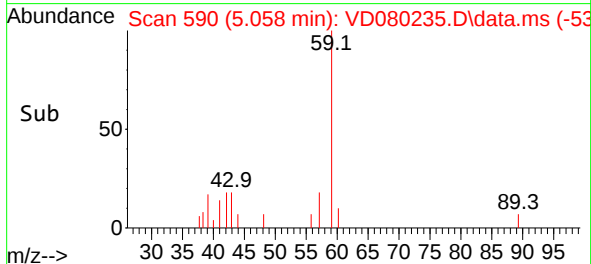


#11
Tert butyl alcohol
Concen: 58.757 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

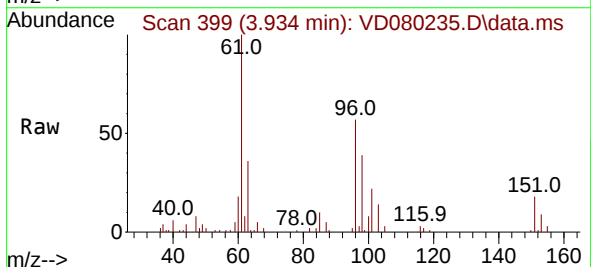
Instrument :
MSVOA_D
ClientSampleId :



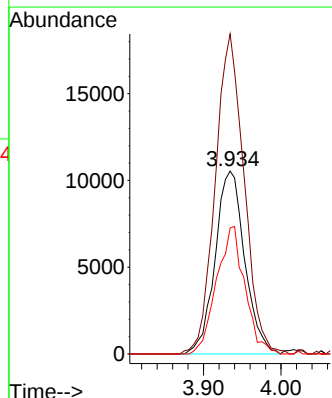
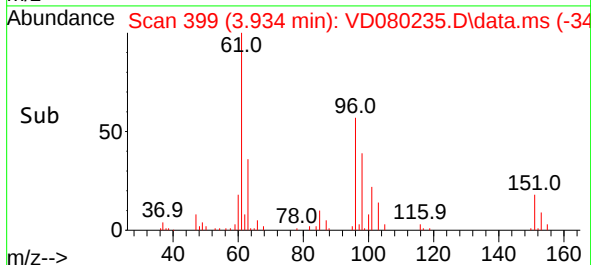
Tgt Ion: 59 Resp: 5090
Ion Ratio Lower Upper
59 100
57 14.4 7.2 10.8#

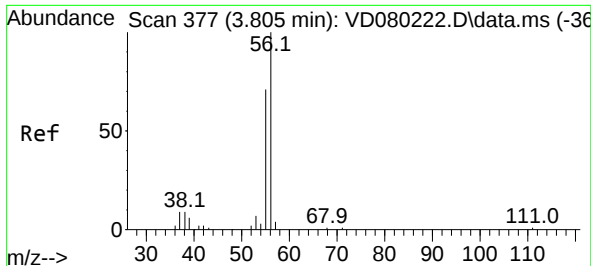


#12
1,1-Dichloroethene
Concen: 20.244 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion: 96 Resp: 27949
Ion Ratio Lower Upper
96 100
61 175.0 133.8 200.6
98 68.8 52.2 78.2





#13

Acrolein

Concen: 99.438 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

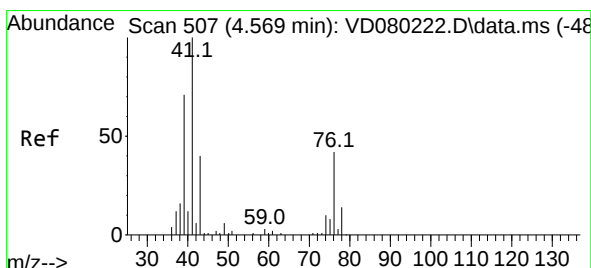
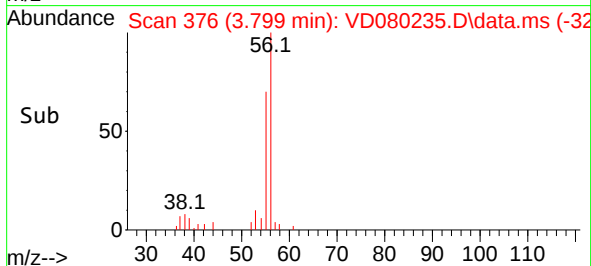
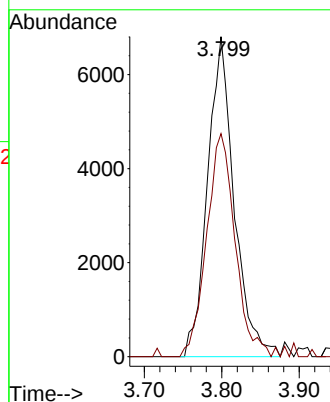
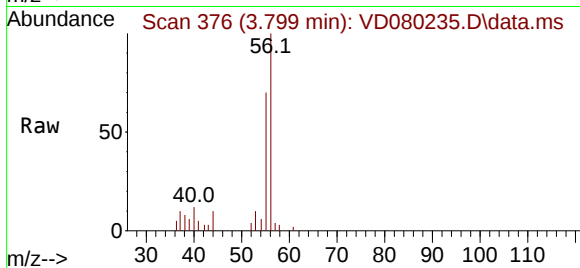
ClientSampleId :

Tgt Ion: 56 Resp: 16242

Ion Ratio Lower Upper

56 100

55 74.4 57.8 86.8



#14

Allyl chloride

Concen: 21.353 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.012 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

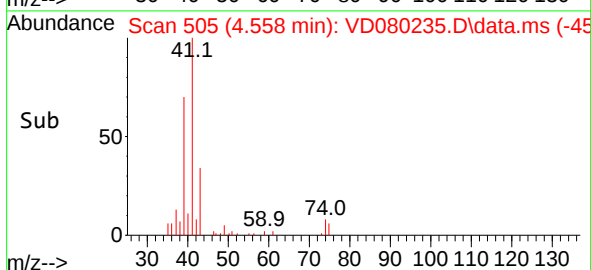
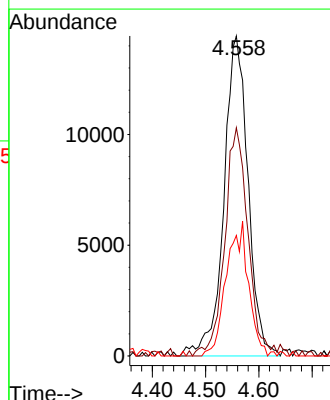
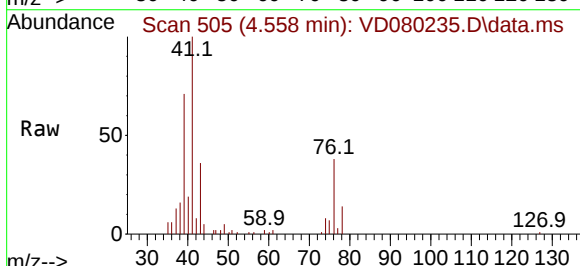
Tgt Ion: 41 Resp: 45431

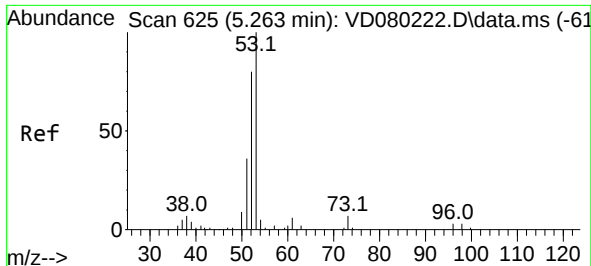
Ion Ratio Lower Upper

41 100

39 68.9 55.0 82.4

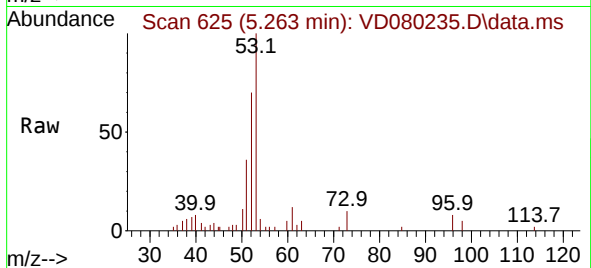
76 38.8 31.0 46.4



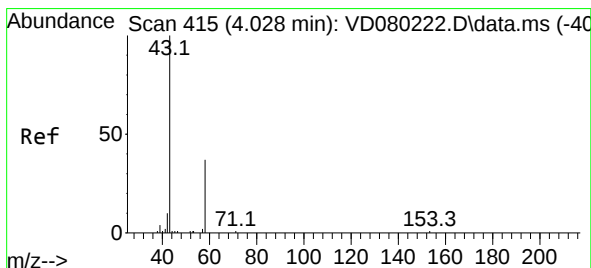
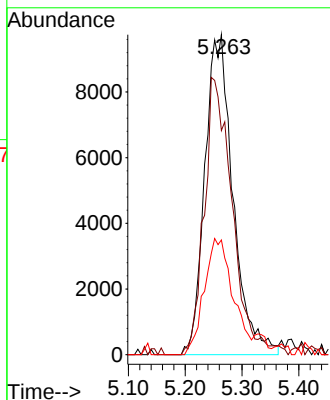
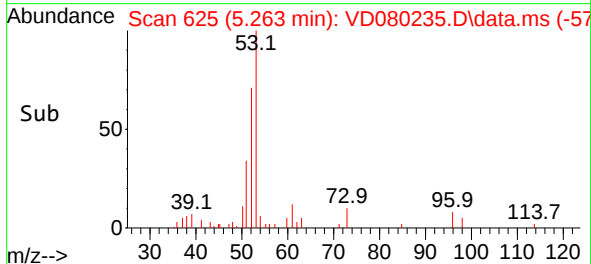


#15
Acrylonitrile
Concen: 101.476 ug/l
RT: 5.263 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Instrument :
MSVOA_D
ClientSampleId :

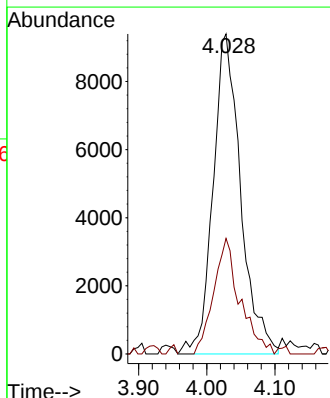
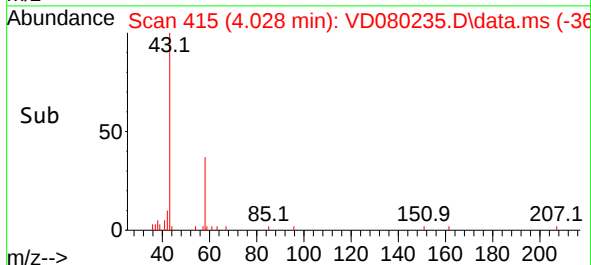
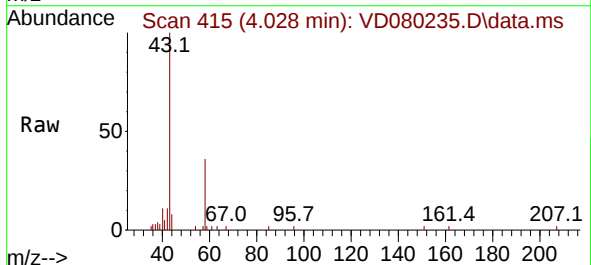


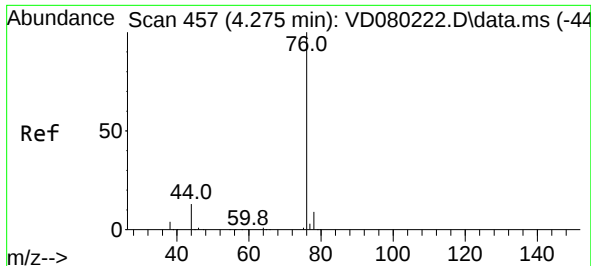
Tgt Ion:	53	Resp:	33581
Ion	Ratio	Lower	Upper
53	100		
52	86.4	65.9	98.9
51	37.0	30.1	45.1



#16
Acetone
Concen: 104.703 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion:	43	Resp:	26463
Ion	Ratio	Lower	Upper
43	100		
58	34.5	29.5	44.3

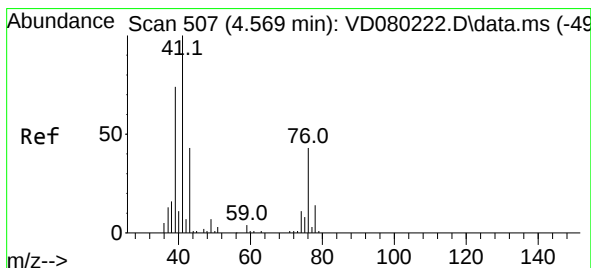
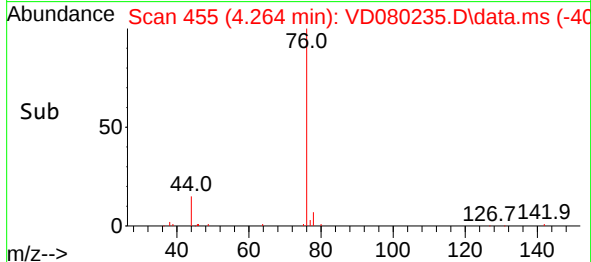
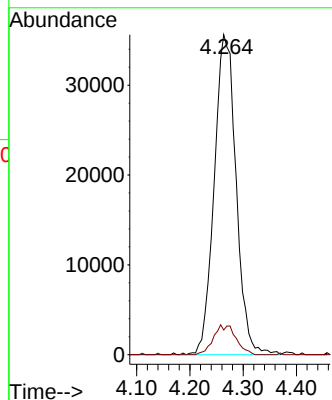
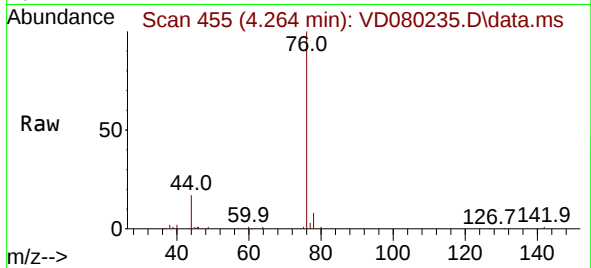




#17
Carbon Disulfide
Concen: 20.403 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

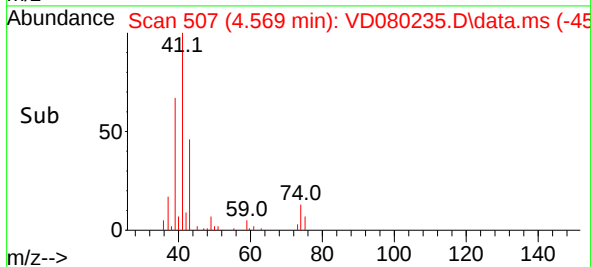
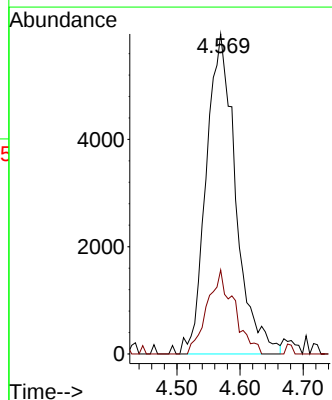
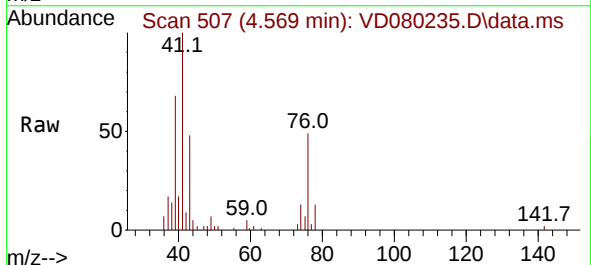
Instrument :
MSVOA_D
ClientSampleId :

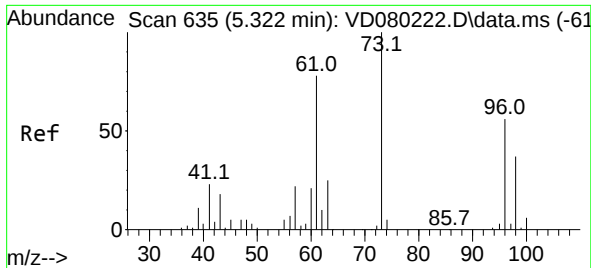
Tgt Ion: 76 Resp: 101592
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.4



#18
Methyl Acetate
Concen: 22.693 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion: 43 Resp: 19353
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2

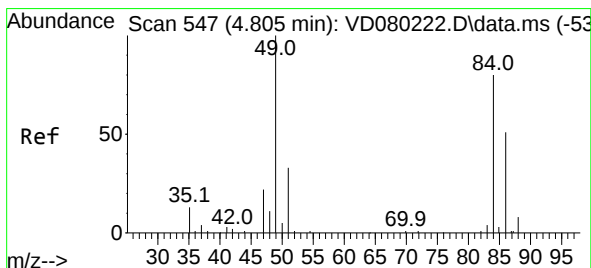
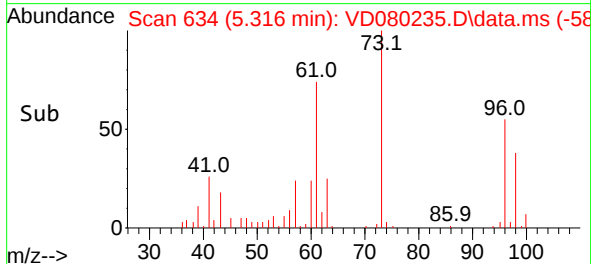
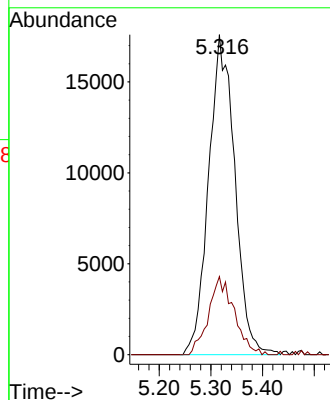
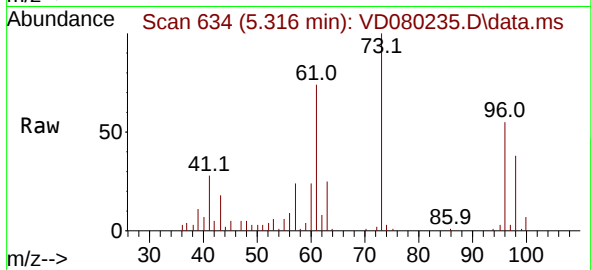




#19
Methyl tert-butyl Ether
Concen: 20.325 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

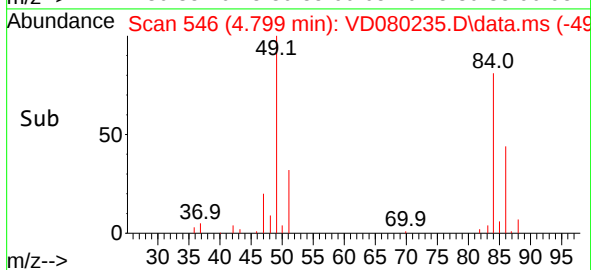
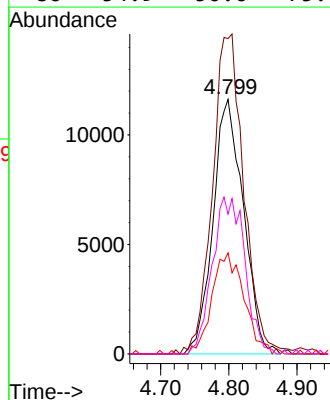
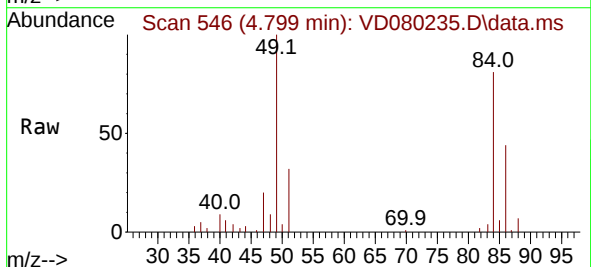
Instrument :
MSVOA_D
ClientSampleId :

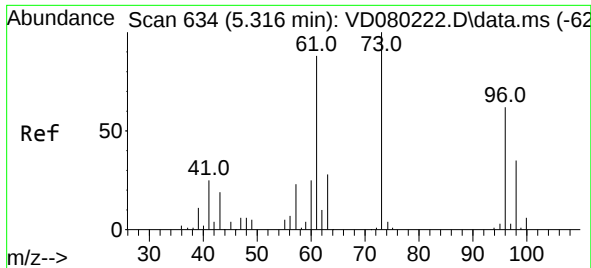
Tgt Ion: 73 Resp: 61777
Ion Ratio Lower Upper
73 100
57 24.4 17.8 26.8



#20
Methylene Chloride
Concen: 21.015 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

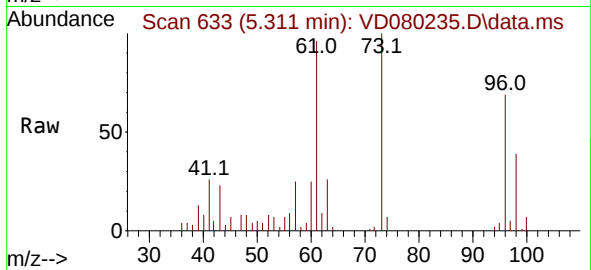
Tgt Ion: 84 Resp: 36044
Ion Ratio Lower Upper
84 100
49 123.9 99.4 149.2
51 39.7 32.6 49.0
86 54.9 50.6 75.8





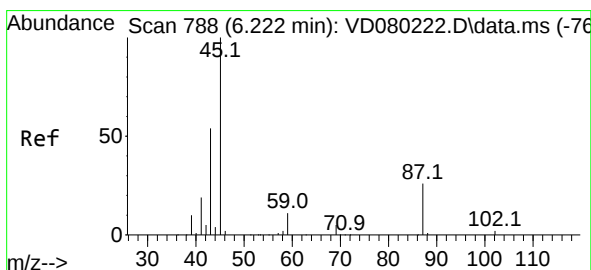
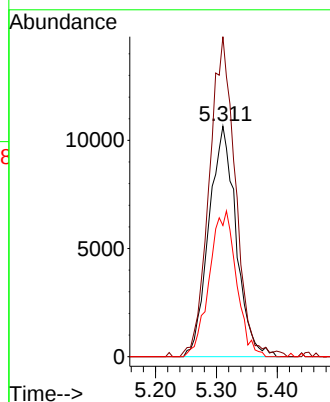
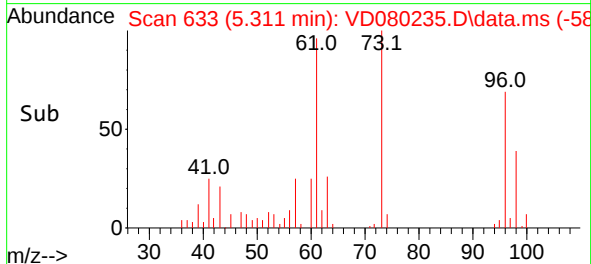
#21
trans-1,2-Dichloroethene
Concen: 21.113 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 33114

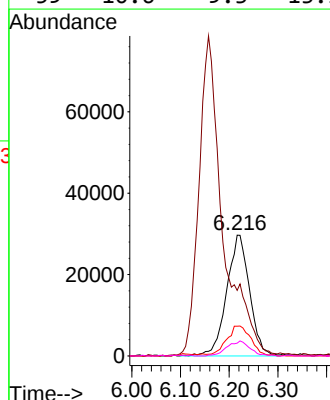
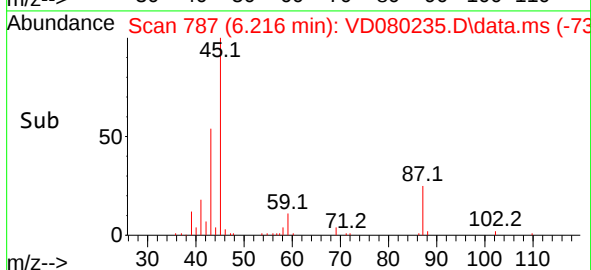
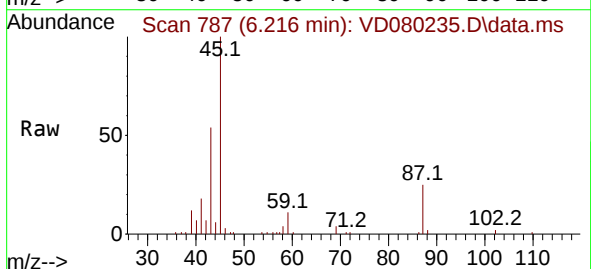
Ion	Ratio	Lower	Upper
96	100		
61	138.9	113.7	170.5
98	57.0	45.4	68.2

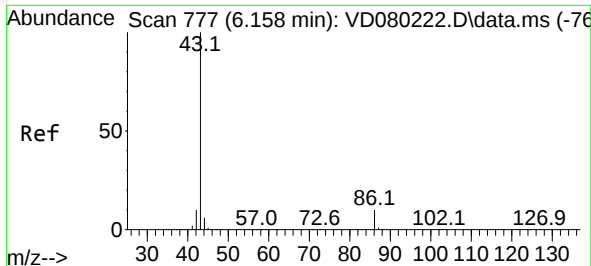


#22
Diisopropyl ether
Concen: 21.877 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion: 45 Resp: 96868

Ion	Ratio	Lower	Upper
45	100		
43	52.5	44.3	66.5
87	24.6	20.5	30.7
59	10.6	9.3	13.9

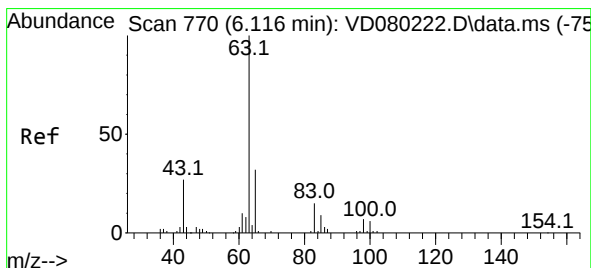
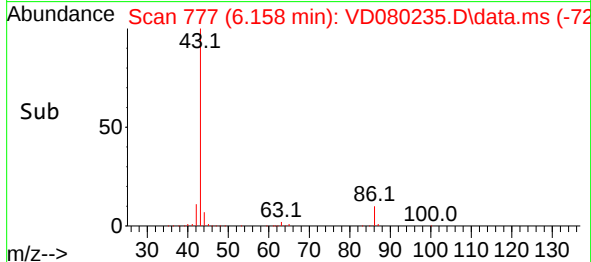
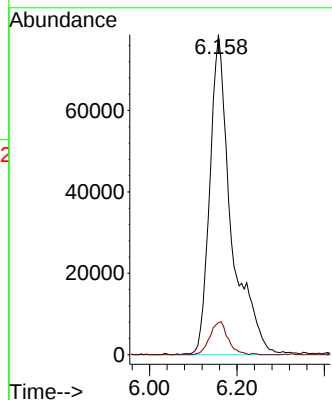
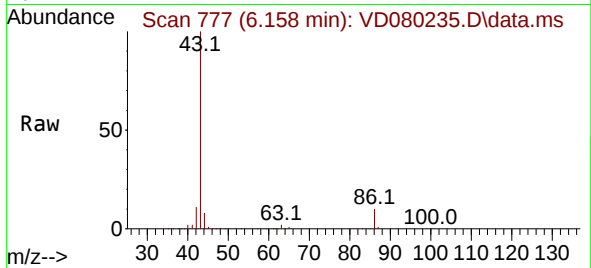




#23
 Vinyl Acetate
 Concen: 105.231 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

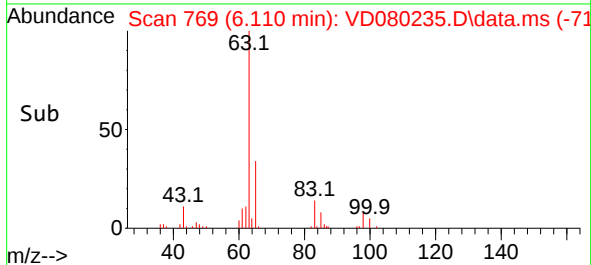
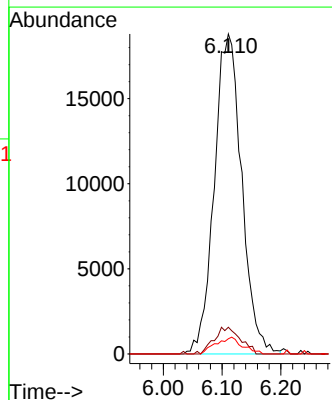
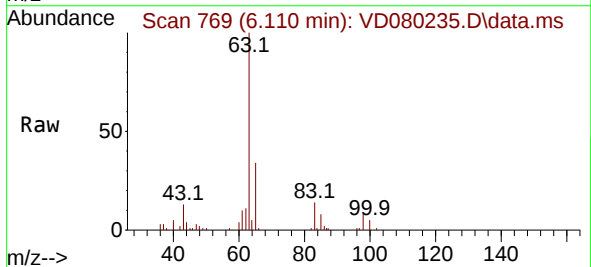
Instrument :
 MSVOA_D
 ClientSampleId :

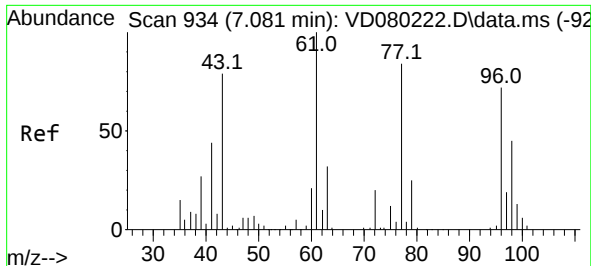
Tgt Ion: 43 Resp: 269002
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 20.969 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

Tgt Ion: 63 Resp: 60863
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.5
 100 4.7 2.8 8.4

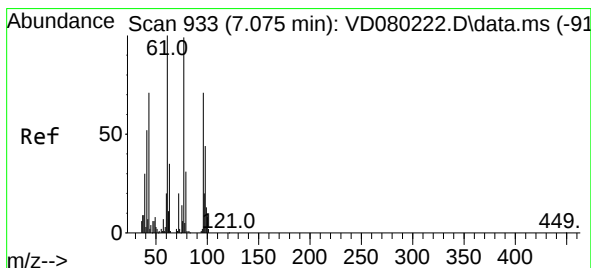
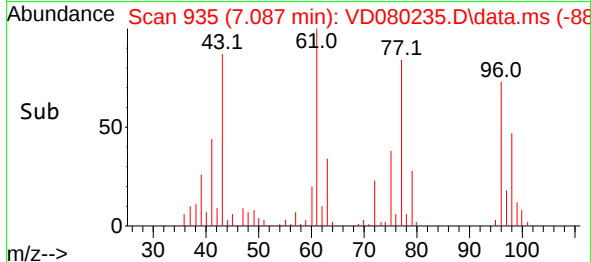
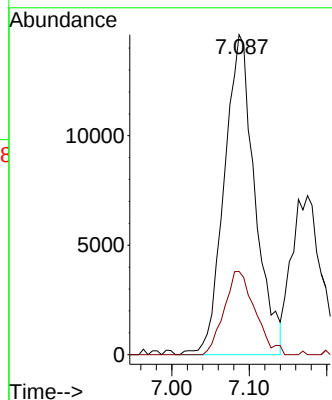
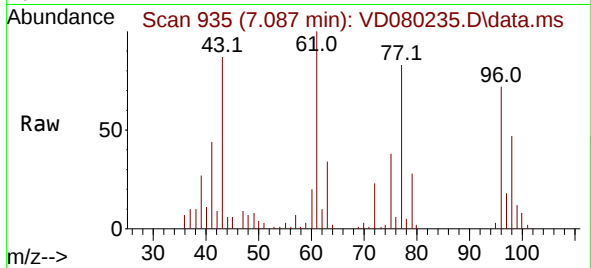




#25
2-Butanone
Concen: 102.544 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

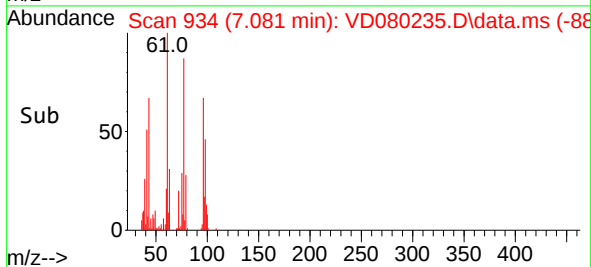
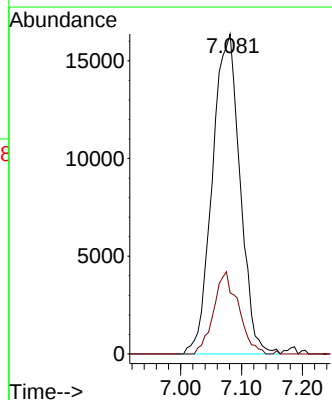
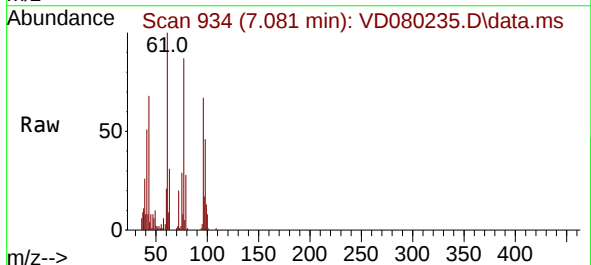
Instrument :
MSVOA_D
ClientSampleId :

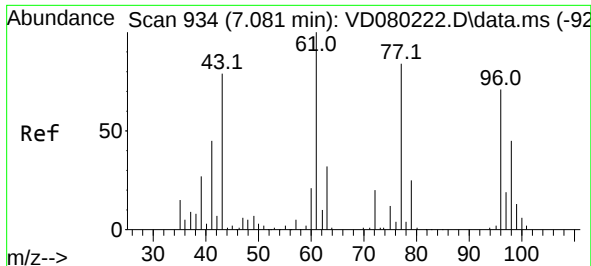
Tgt Ion: 43 Resp: 40200
Ion Ratio Lower Upper
43 100
72 26.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 20.540 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion: 77 Resp: 51711
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8



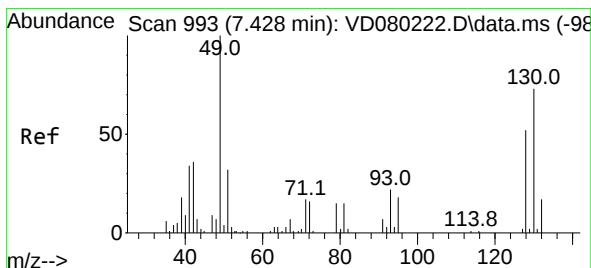
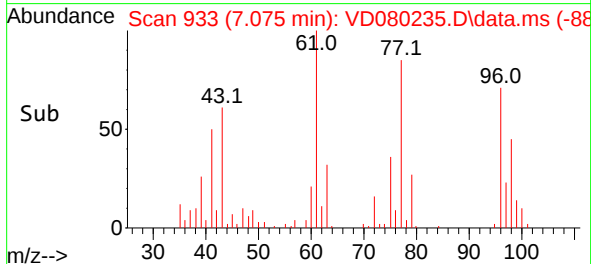
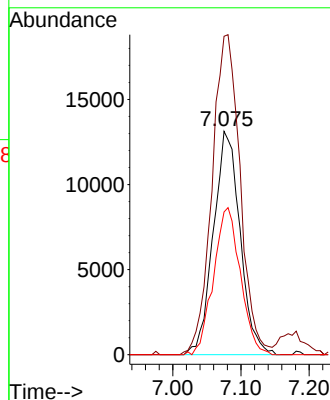
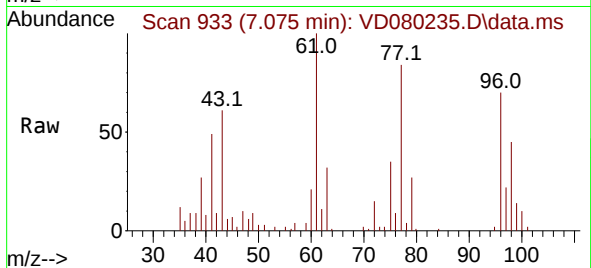


#27
 cis-1,2-Dichloroethene
 Concen: 20.203 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 35798

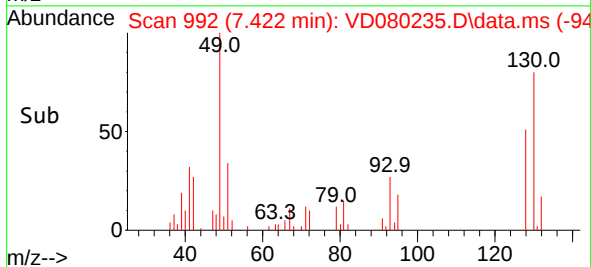
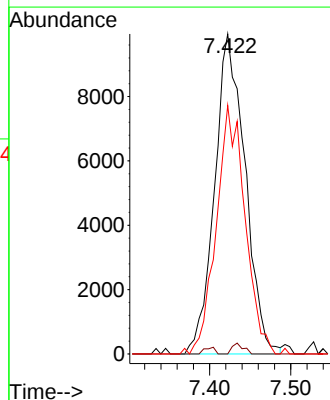
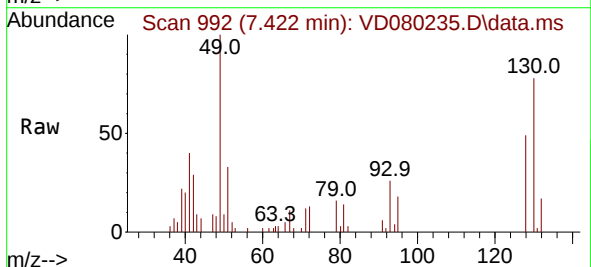
Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	297.4
98	66.1	0.0	131.0

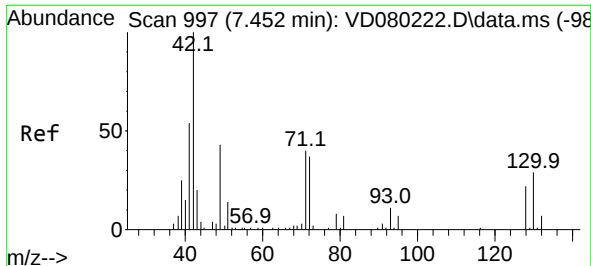


#28
 Bromochloromethane
 Concen: 19.548 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

Tgt Ion: 49 Resp: 25893

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	1.8
130	73.3	55.3	82.9





#29

Tetrahydrofuran

Concen: 104.804 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

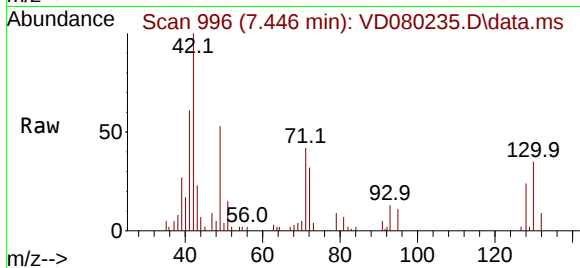
Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

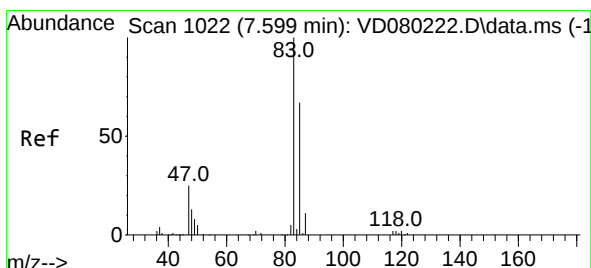
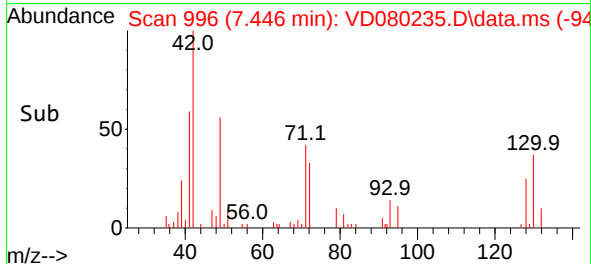
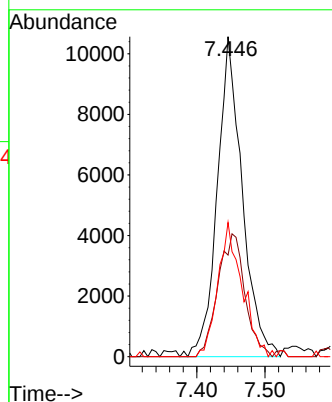
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	26910
Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.5	50.3
71	40.8	32.9	49.3



#30

Chloroform

Concen: 21.372 ug/l

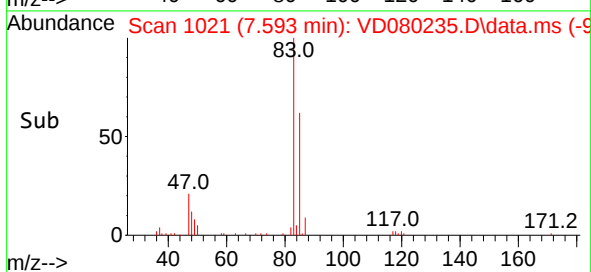
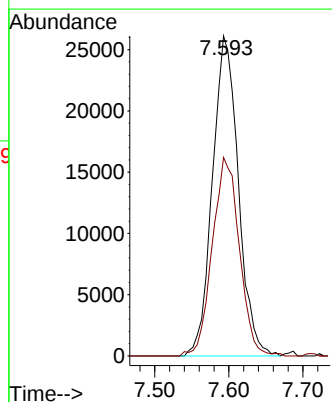
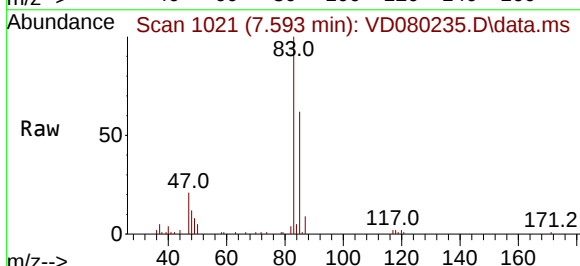
RT: 7.593 min Scan# 1021

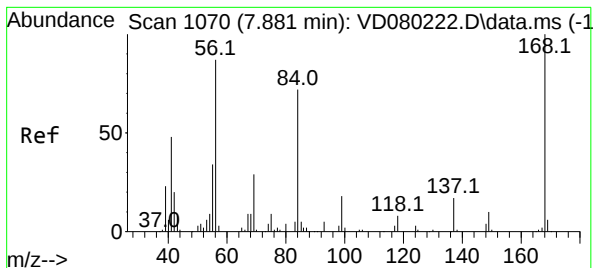
Delta R.T. -0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Tgt Ion:	83	Resp:	63422
Ion	Ratio	Lower	Upper
83	100		
85	62.0	53.7	80.5





#31

Cyclohexane

Concen: 19.972 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

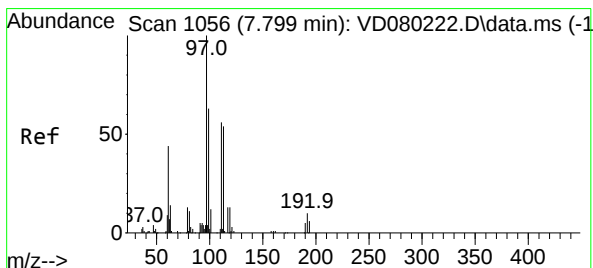
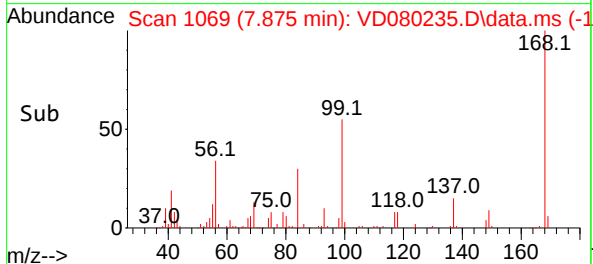
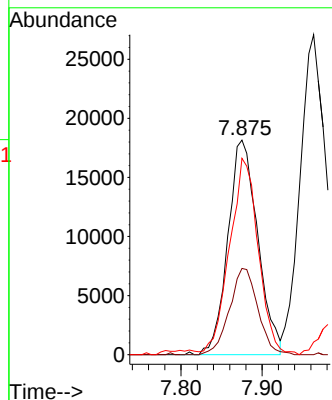
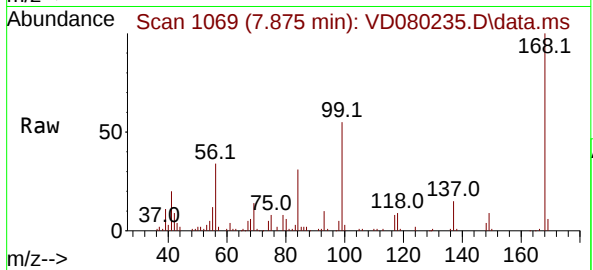
Tgt Ion: 56 Resp: 46406

Ion Ratio Lower Upper

56 100

69 39.1 27.0 40.4

84 89.4 66.3 99.5



#32

1,1,1-Trichloroethane

Concen: 20.172 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.012 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

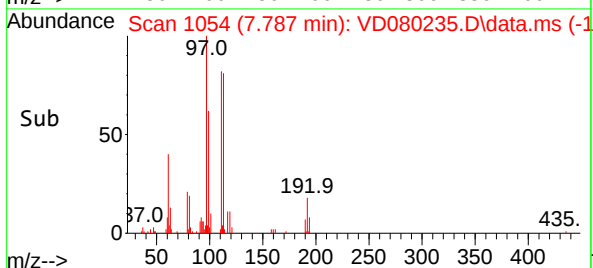
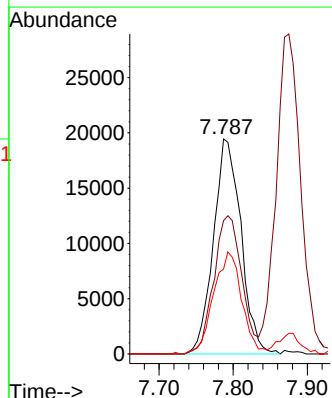
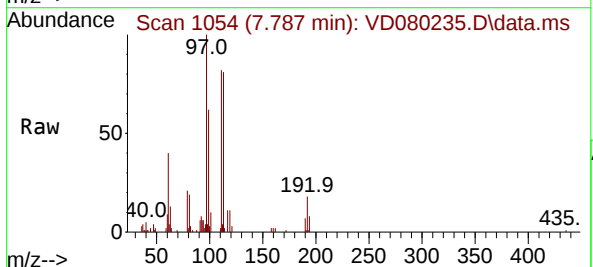
Tgt Ion: 97 Resp: 50081

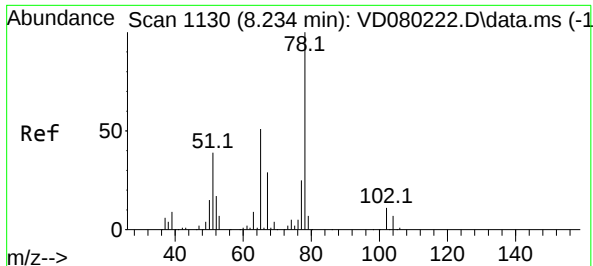
Ion Ratio Lower Upper

97 100

99 65.7 51.3 76.9

61 48.6 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 52.758 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

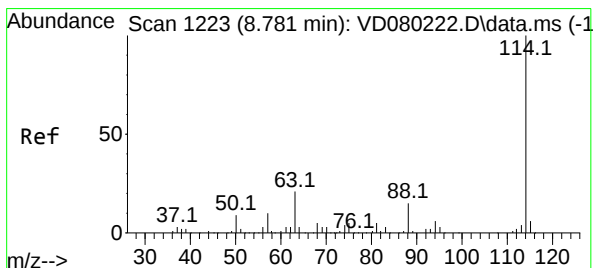
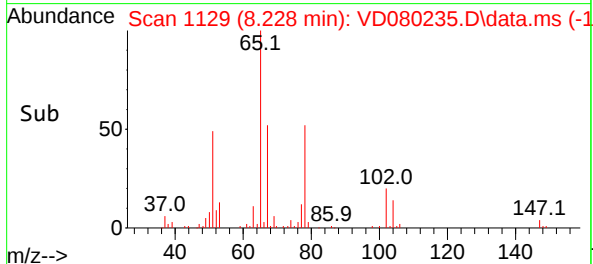
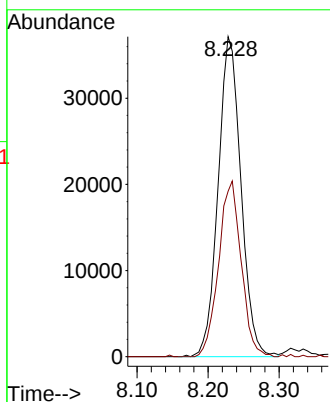
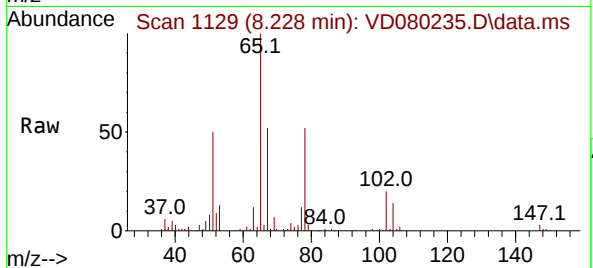
ClientSampleId :

Tgt Ion: 65 Resp: 82737

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

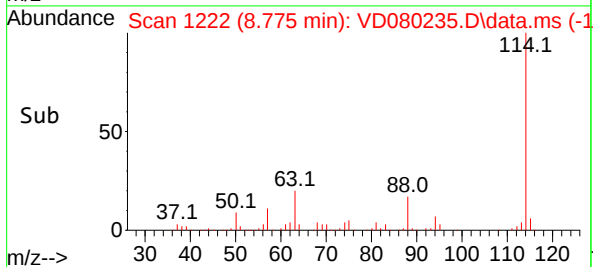
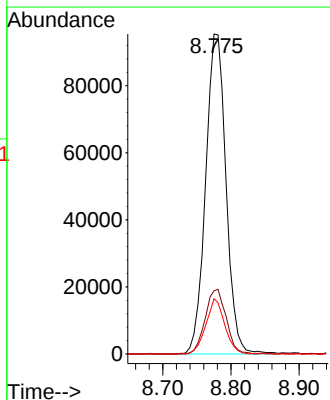
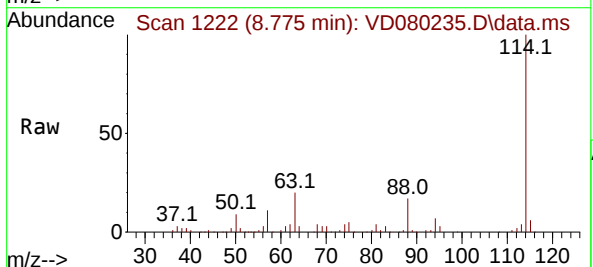
Tgt Ion: 114 Resp: 198480

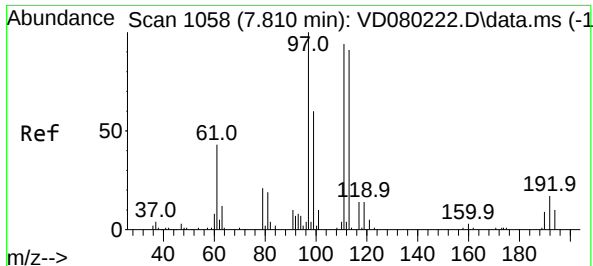
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.8

88 17.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 55.467 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.012 min

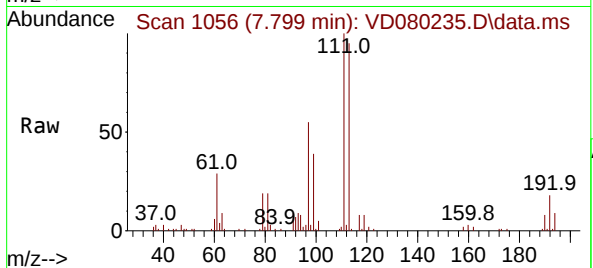
Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :



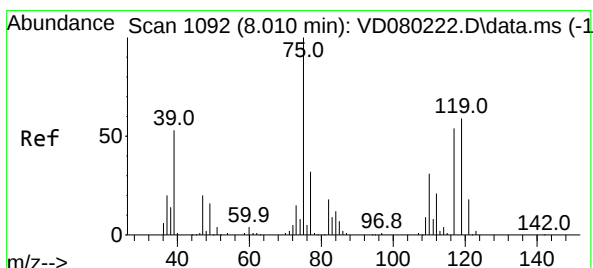
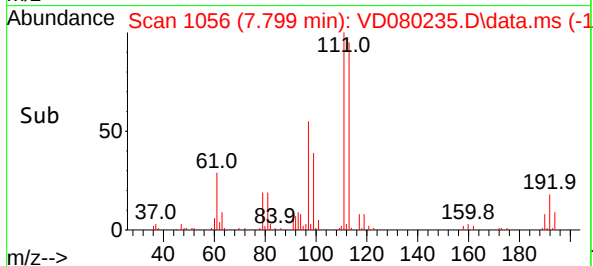
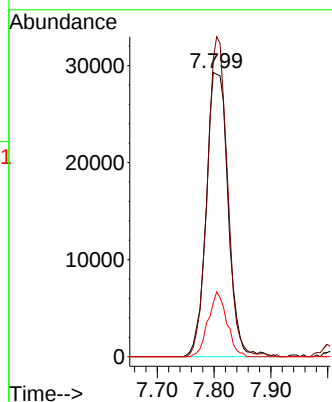
Tgt Ion:113 Resp: 78025

Ion Ratio Lower Upper

113 100

111 103.9 85.0 127.4

192 19.6 15.5 23.3



#36

1,1-Dichloropropene

Concen: 20.802 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

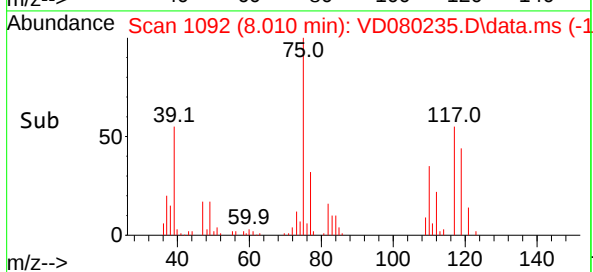
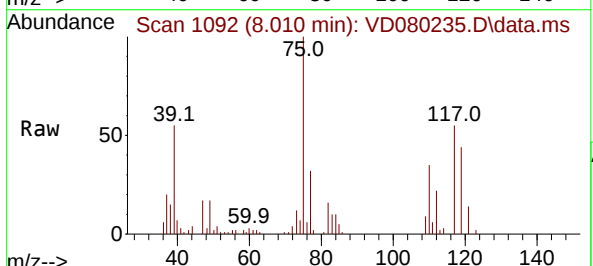
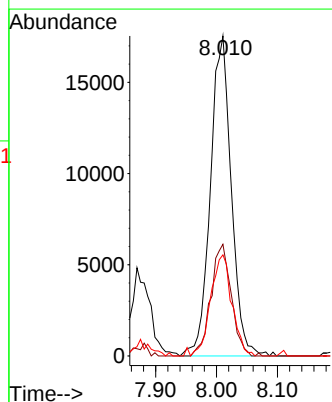
Tgt Ion: 75 Resp: 41912

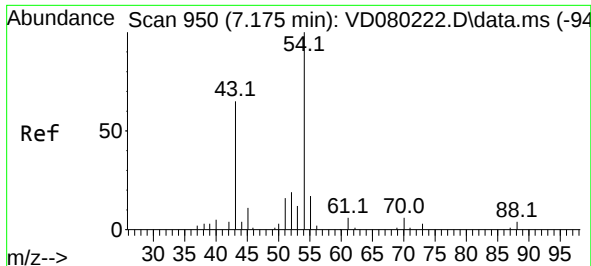
Ion Ratio Lower Upper

75 100

110 33.9 17.1 51.2

77 32.0 25.6 38.4





#37

Ethyl Acetate

Concen: 20.092 ug/l

RT: 7.175 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

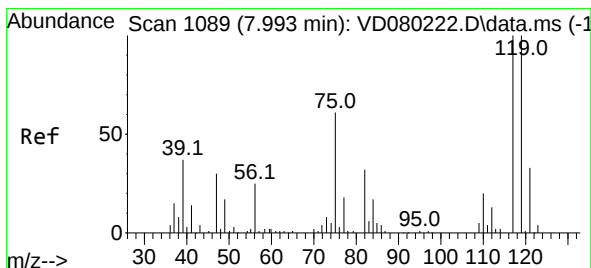
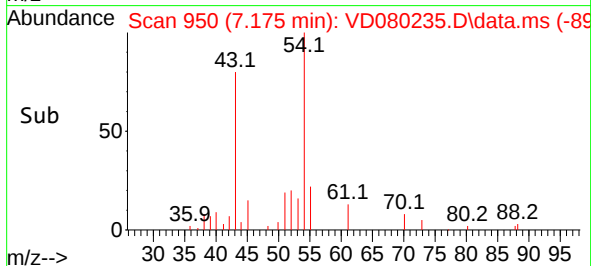
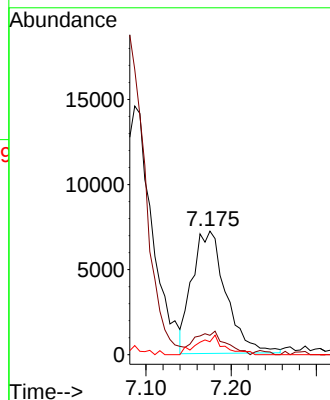
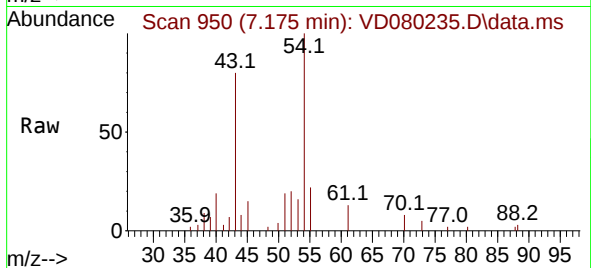
Tgt Ion: 43 Resp: 19850

Ion Ratio Lower Upper

43 100

61 16.8 11.4 17.0

70 12.1 8.2 12.2



#38

Carbon Tetrachloride

Concen: 21.119 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

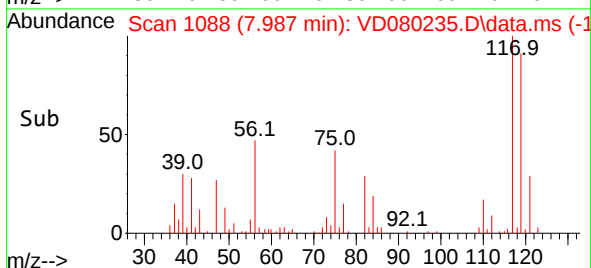
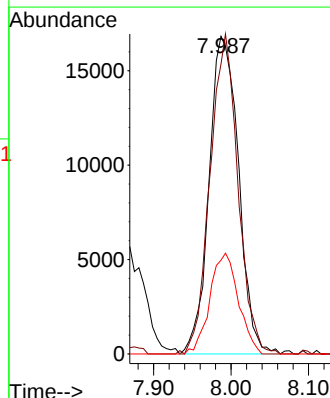
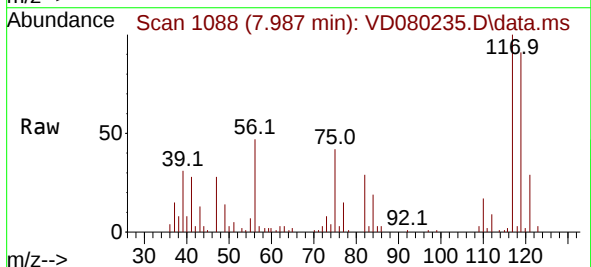
Tgt Ion: 117 Resp: 44444

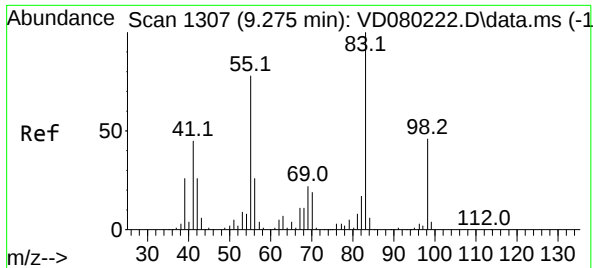
Ion Ratio Lower Upper

117 100

119 91.3 79.8 119.6

121 29.5 26.6 39.8





#39

Methylcyclohexane

Concen: 19.576 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD080235.D

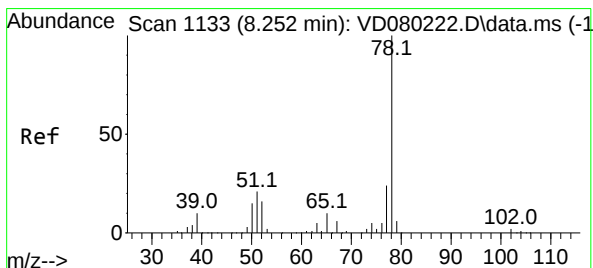
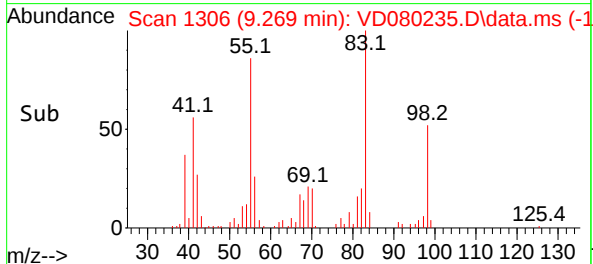
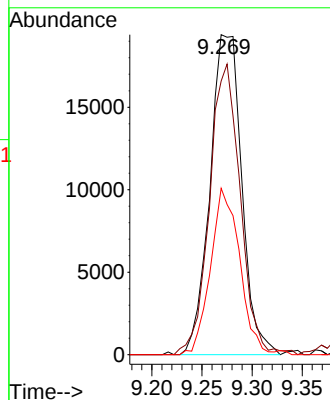
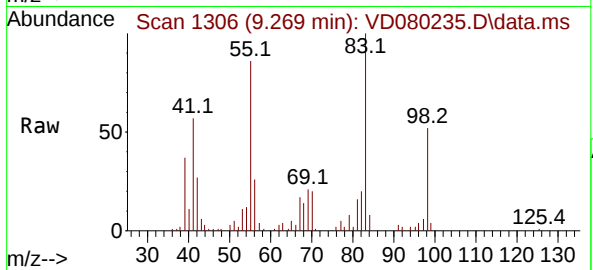
Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 42850
Ion Ratio	Lower Upper
83	100
55	84.3 62.5 93.7
98	52.0 37.1 55.7



#40

Benzene

Concen: 21.102 ug/l

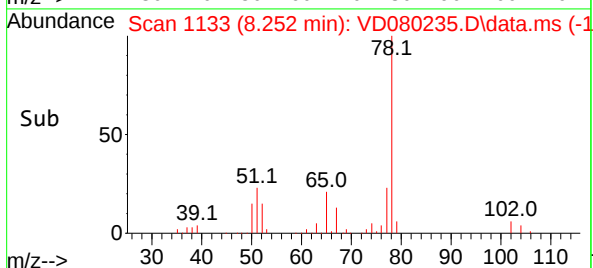
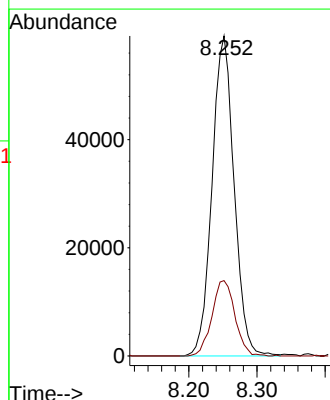
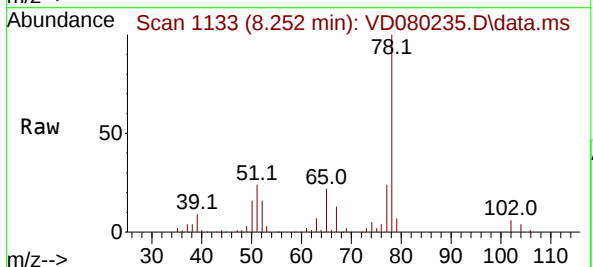
RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

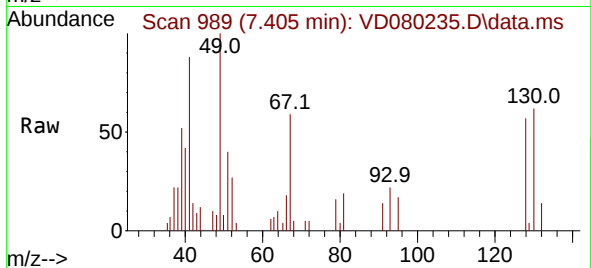
Tgt Ion: 78	Resp: 133266
Ion Ratio	Lower Upper
78	100
77	23.6 19.2 28.8



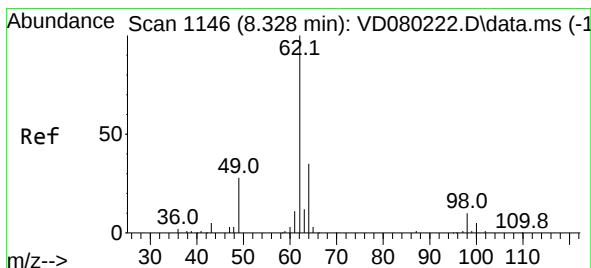
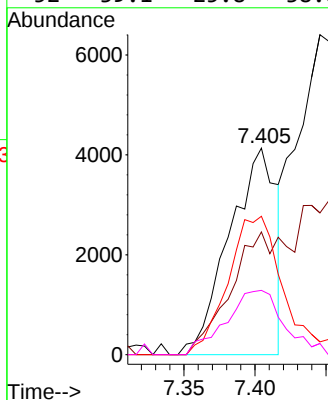
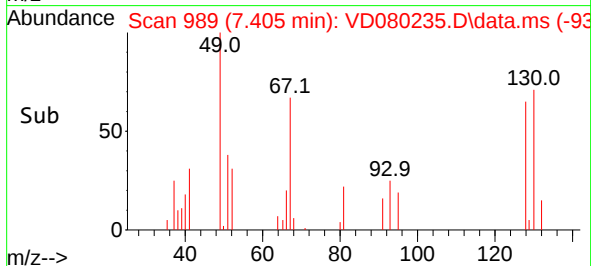


#41
Methacrylonitrile
Concen: 17.601 ug/l
RT: 7.405 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Instrument :
MSVOA_D
ClientSampleId :

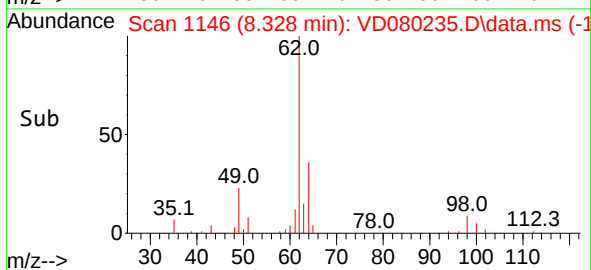
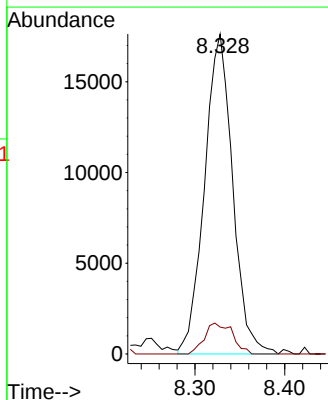
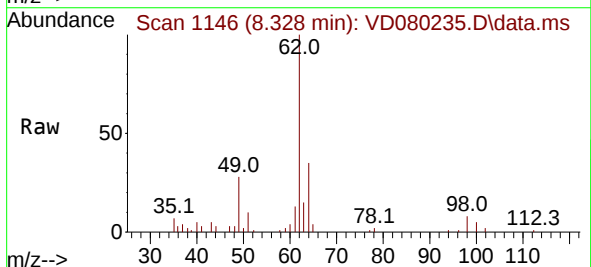


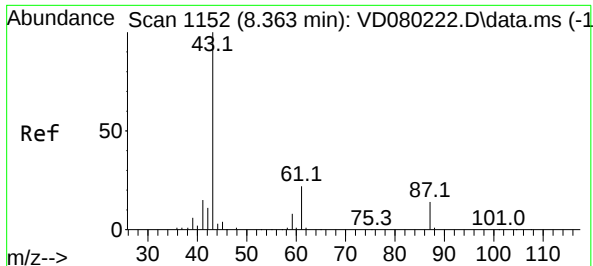
Tgt Ion:	41	Resp:	9572
Ion	Ratio	Lower	Upper
41	100		
39	50.4	44.7	67.1
67	78.4	55.0	82.4
52	39.1	25.8	38.8



#42
1,2-Dichloroethane
Concen: 21.334 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion:	62	Resp:	38341
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4

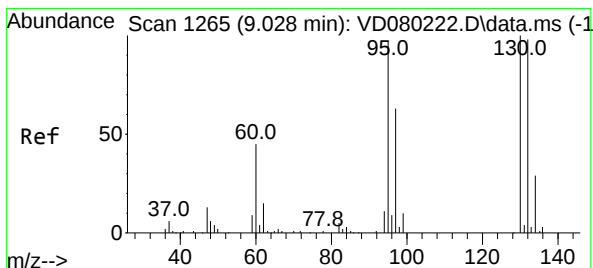
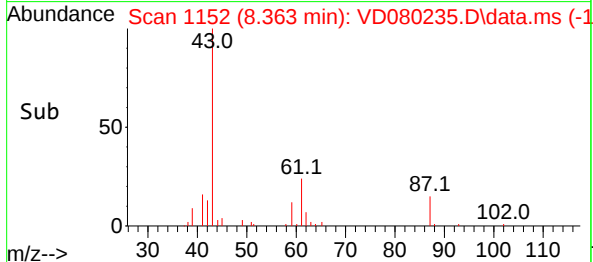
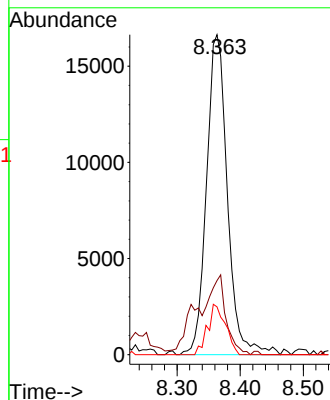
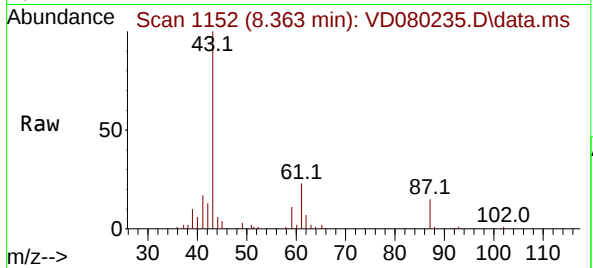




#43
Isopropyl Acetate
Concen: 21.805 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

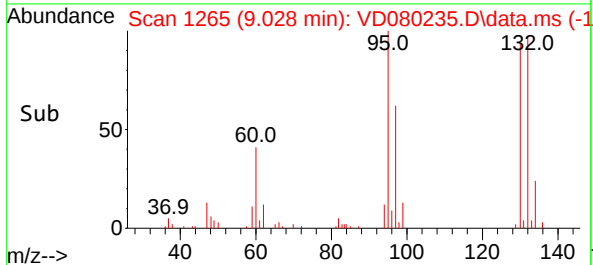
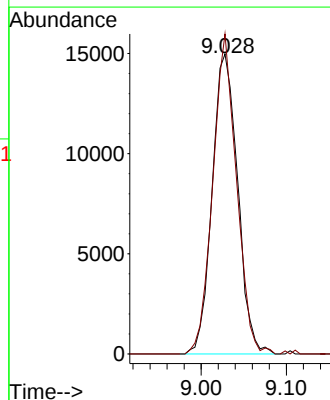
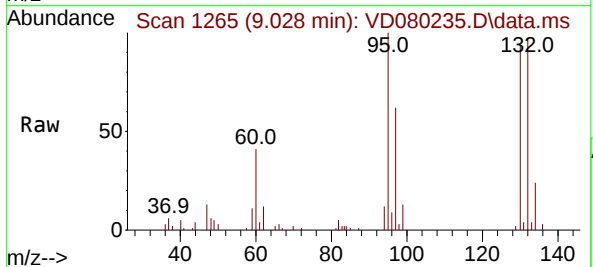
Instrument :
MSVOA_D
ClientSampleId :

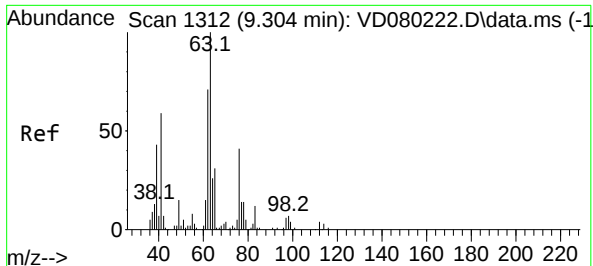
Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.9	25.0	37.4#
87	13.5	10.7	16.1



#44
Trichloroethene
Concen: 21.351 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.7	0.0	194.2





#45

1,2-Dichloropropane

Concen: 21.573 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

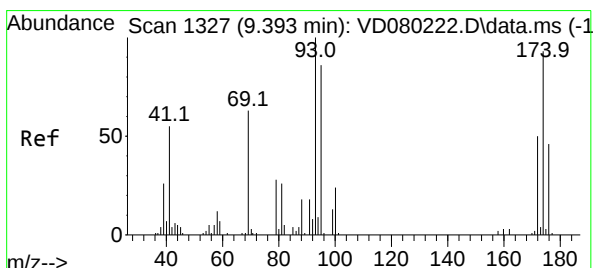
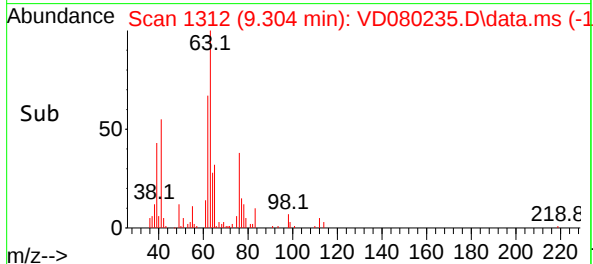
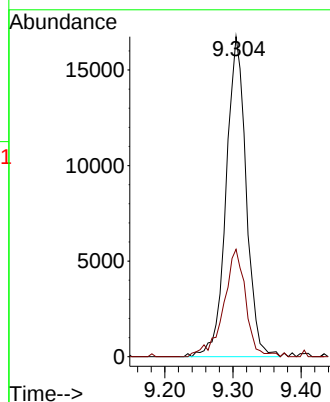
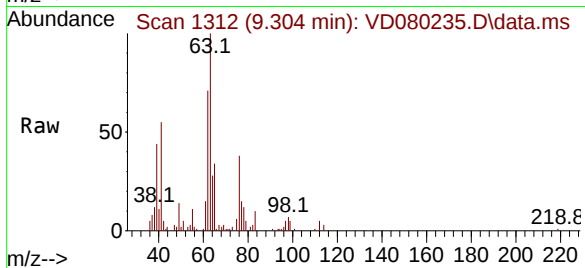
ClientSampleId :

Tgt Ion: 63 Resp: 34269

Ion Ratio Lower Upper

63 100

65 33.6 24.6 36.8



#46

Dibromomethane

Concen: 22.117 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

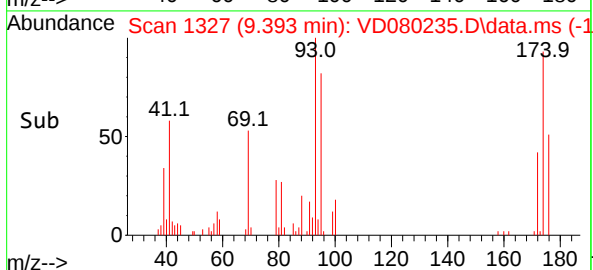
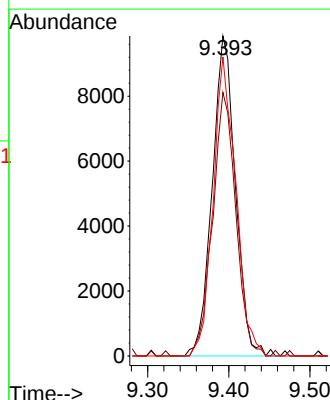
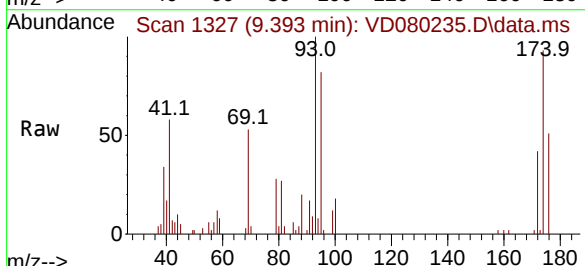
Tgt Ion: 93 Resp: 19574

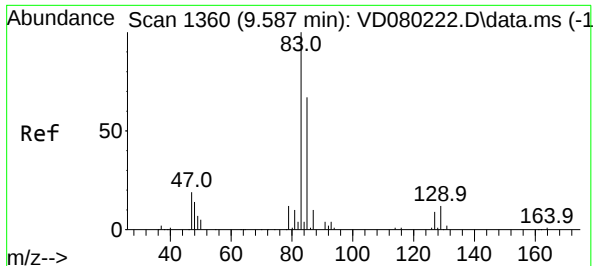
Ion Ratio Lower Upper

93 100

95 82.3 66.8 100.2

174 91.4 76.8 115.2

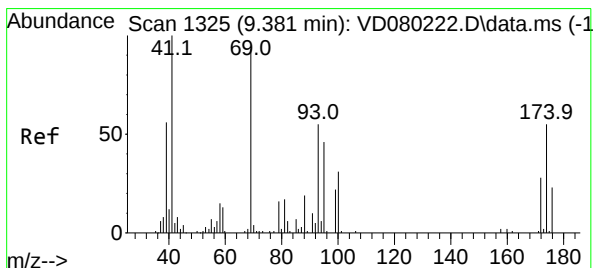
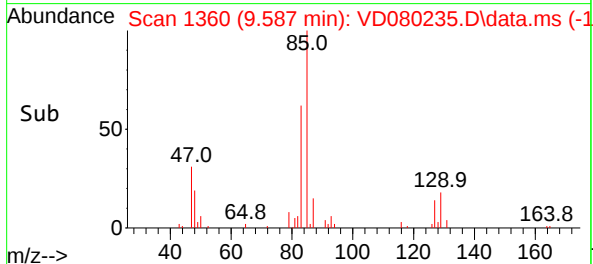
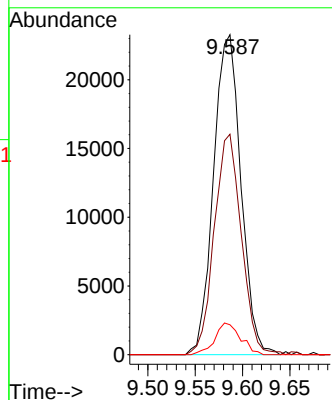
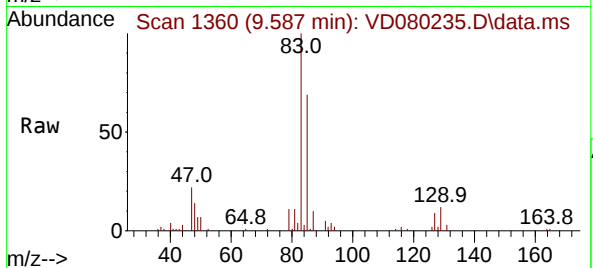




#47
Bromodichloromethane
Concen: 20.998 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

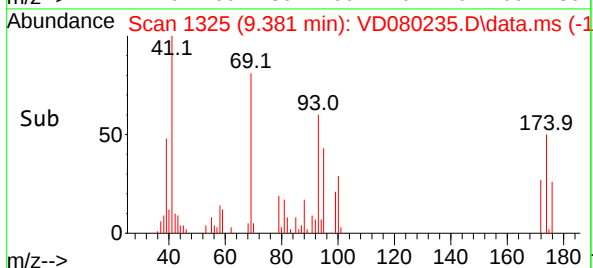
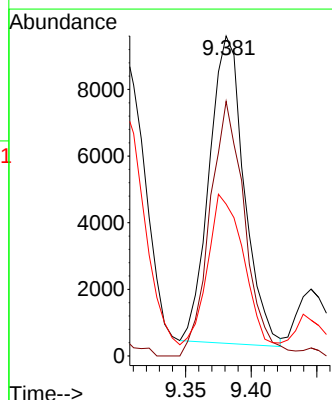
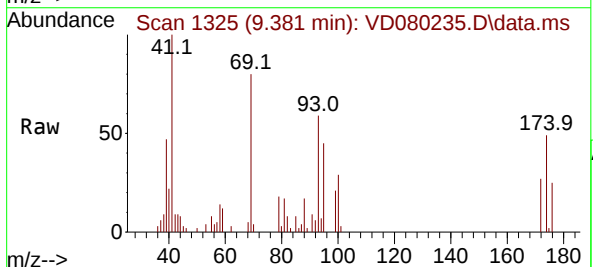
Instrument :
MSVOA_D
ClientSampleId :

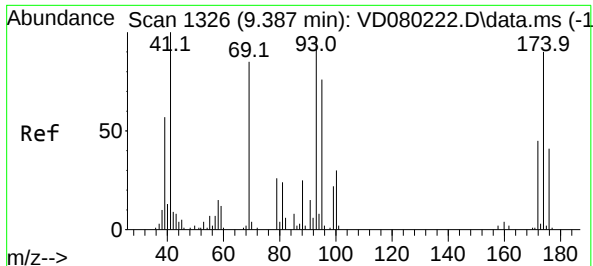
Tgt Ion: 83 Resp: 46862
Ion Ratio Lower Upper
83 100
85 68.9 53.6 80.4
127 9.4 7.4 11.2



#48
Methyl methacrylate
Concen: 21.086 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion: 41 Resp: 17109
Ion Ratio Lower Upper
41 100
69 82.9 73.7 110.5
39 55.4 49.4 74.2





#49

1,4-Dioxane

Concen: 439.259 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

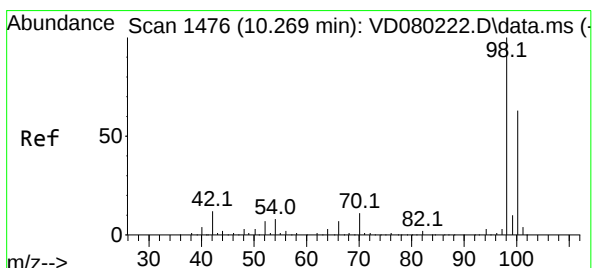
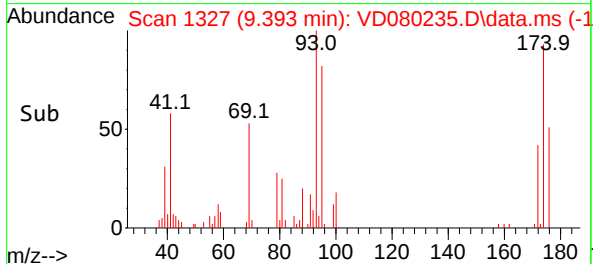
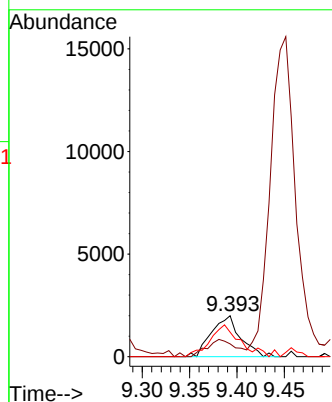
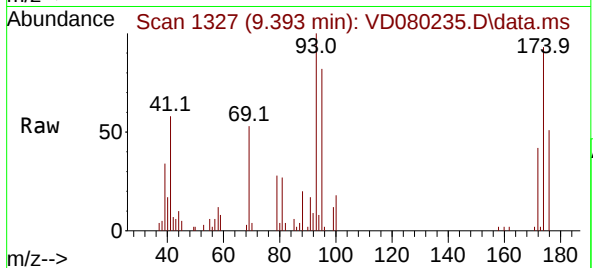
Tgt Ion: 88 Resp: 4229

Ion Ratio Lower Upper

88 100

43 42.3 28.5 42.7

58 79.6 56.3 84.5



#50

Toluene-d8

Concen: 56.827 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080235.D

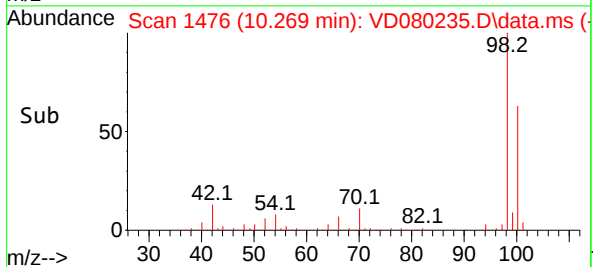
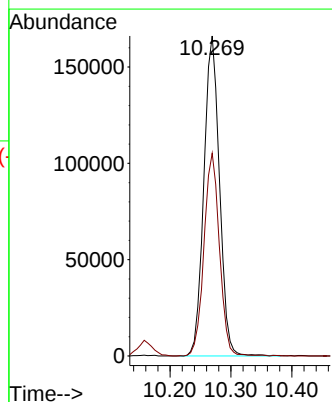
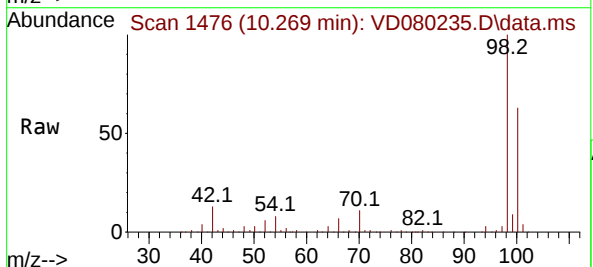
Acq: 04 Feb 2025 13:02

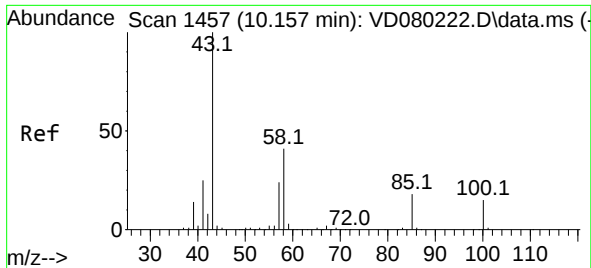
Tgt Ion: 98 Resp: 296441

Ion Ratio Lower Upper

98 100

100 62.7 50.2 75.4

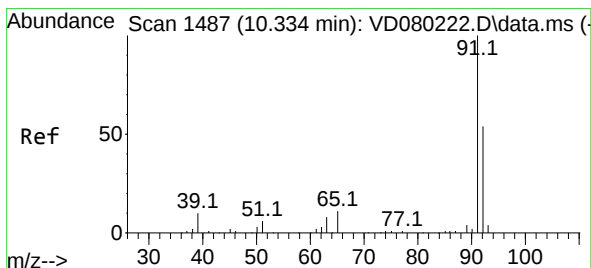
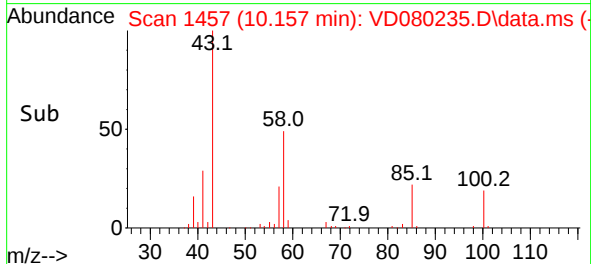
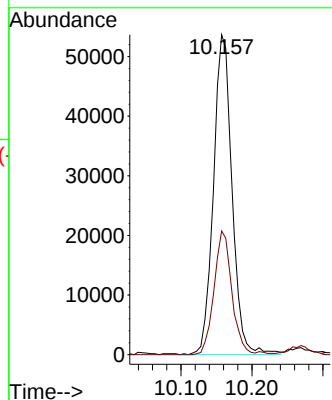
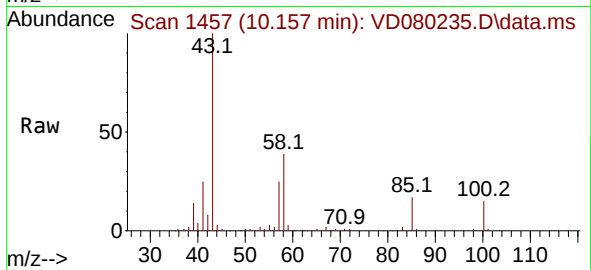




#51
4-Methyl-2-Pentanone
Concen: 109.829 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

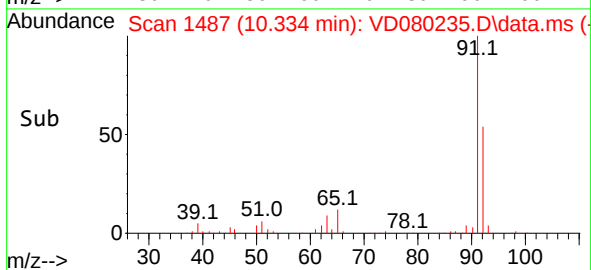
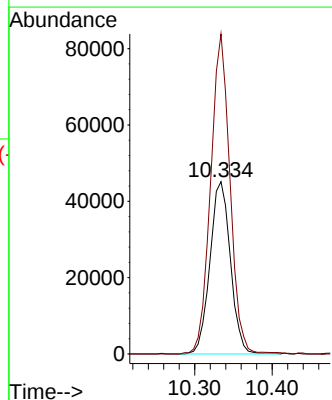
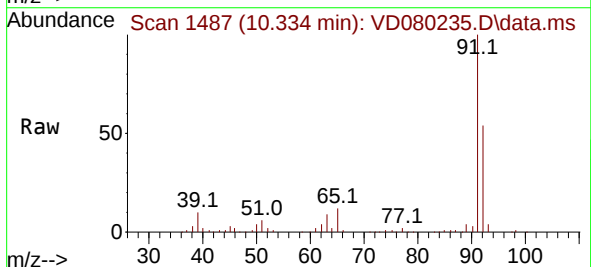
Instrument :
MSVOA_D
ClientSampleId :

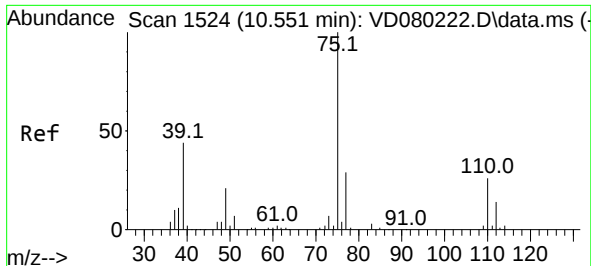
Tgt Ion: 43 Resp: 97378
Ion Ratio Lower Upper
43 100
58 36.9 31.1 46.7



#52
Toluene
Concen: 22.398 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion: 92 Resp: 82737
Ion Ratio Lower Upper
92 100
91 176.0 144.7 217.1

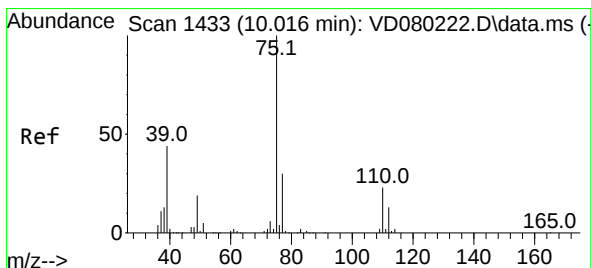
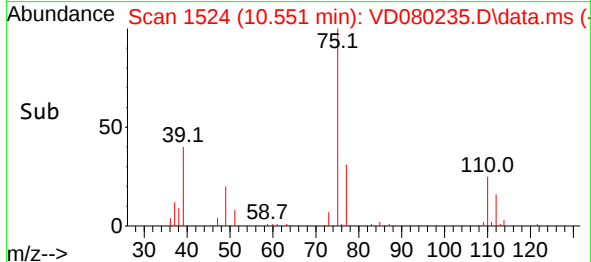
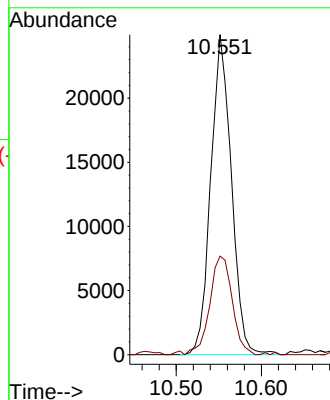
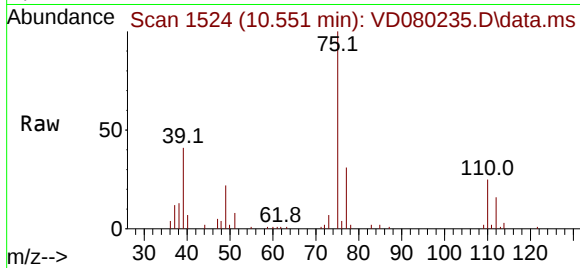




#53
t-1,3-Dichloropropene
Concen: 22.117 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

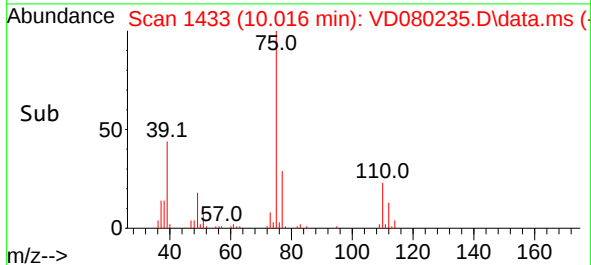
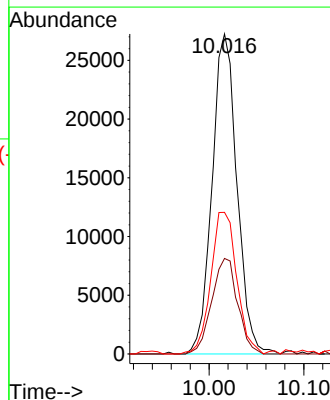
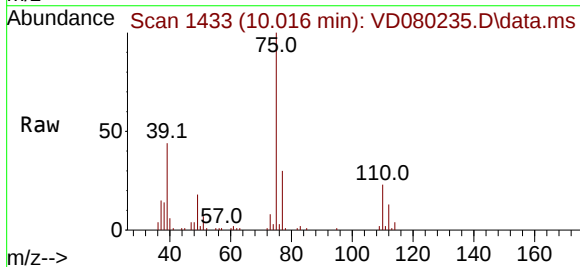
Instrument :
MSVOA_D
ClientSampleId :

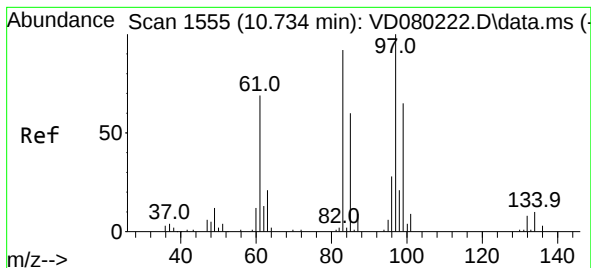
Tgt Ion: 75 Resp: 42078
Ion Ratio Lower Upper
75 100
77 30.8 23.0 34.4



#54
cis-1,3-Dichloropropene
Concen: 21.479 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion: 75 Resp: 49708
Ion Ratio Lower Upper
75 100
77 29.8 24.1 36.1
39 44.2 35.1 52.7





#55

1,1,2-Trichloroethane

Concen: 21.406 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

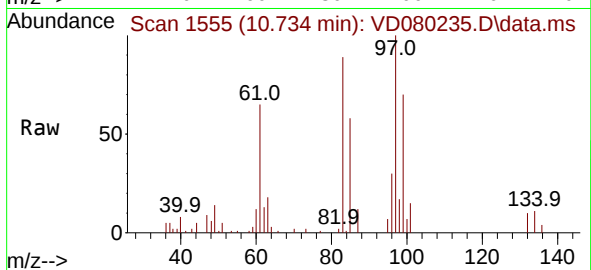
Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 24615

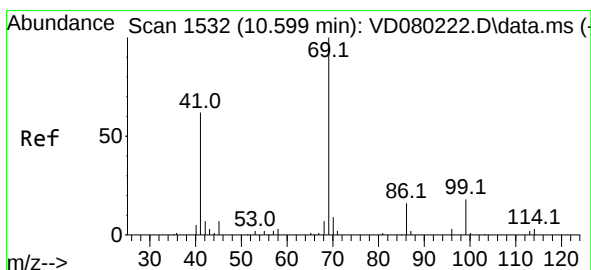
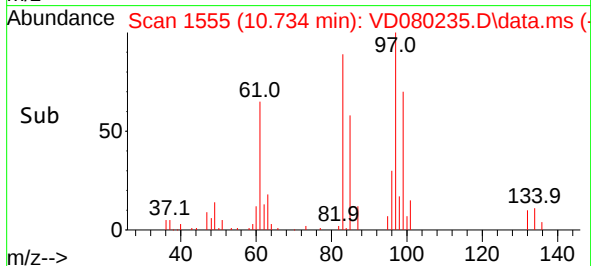
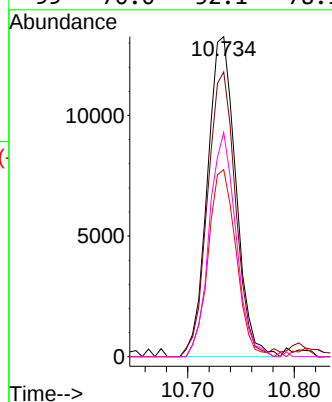
Ion Ratio Lower Upper

97 100

83 89.0 73.9 110.9

85 58.4 48.2 72.2

99 70.0 52.1 78.1



#56

Ethyl methacrylate

Concen: 21.297 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

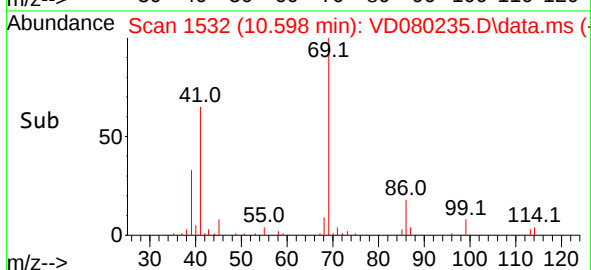
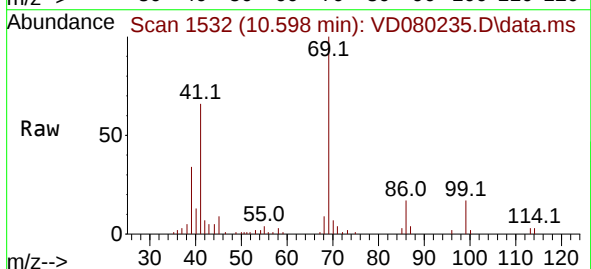
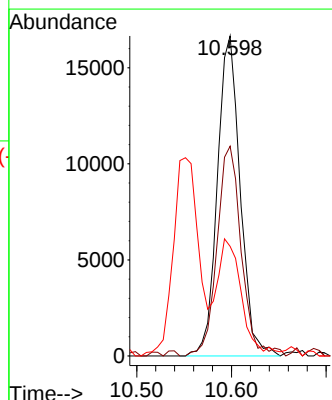
Tgt Ion: 69 Resp: 27944

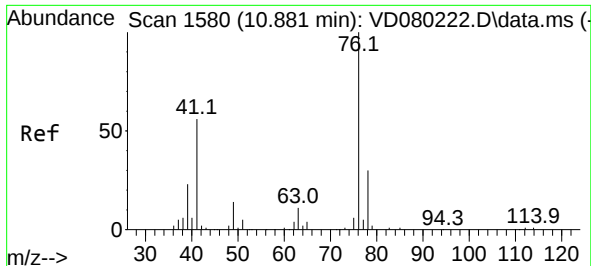
Ion Ratio Lower Upper

69 100

41 69.5 51.8 77.6

39 39.7 28.7 43.1





#57

1,3-Dichloropropane

Concen: 21.463 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

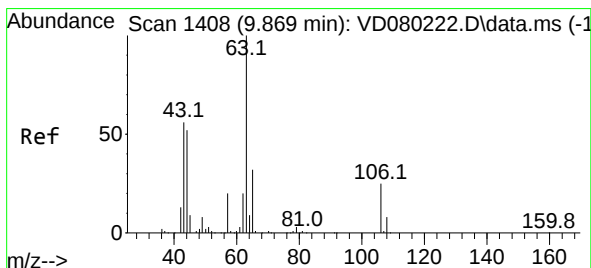
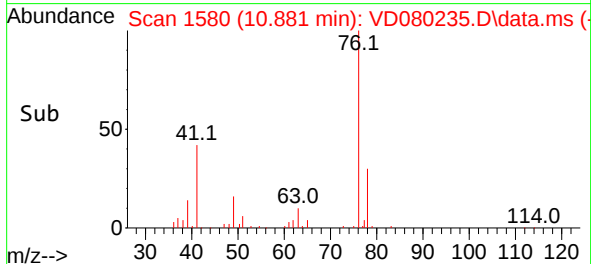
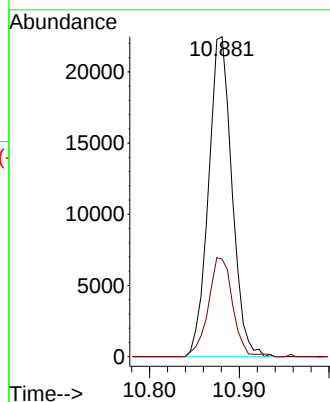
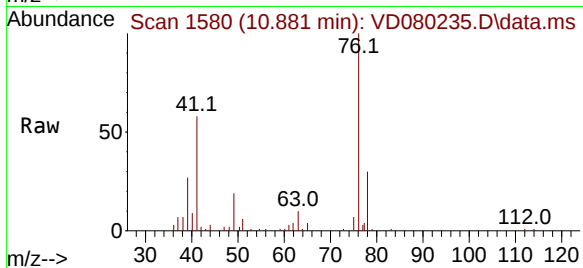
ClientSampleId :

Tgt Ion: 76 Resp: 40823

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.4



#58

2-Chloroethyl Vinyl ether

Concen: 109.681 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD080235.D

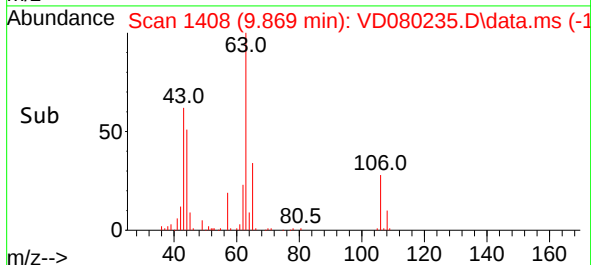
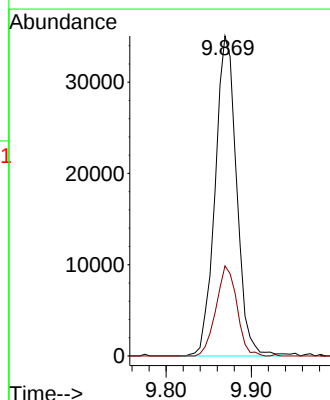
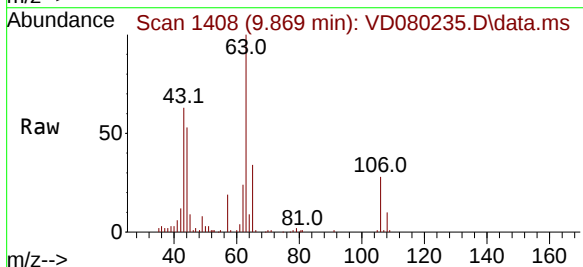
Acq: 04 Feb 2025 13:02

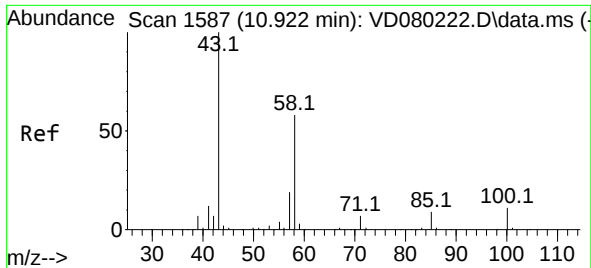
Tgt Ion: 63 Resp: 61423

Ion Ratio Lower Upper

63 100

106 27.3 20.6 30.8

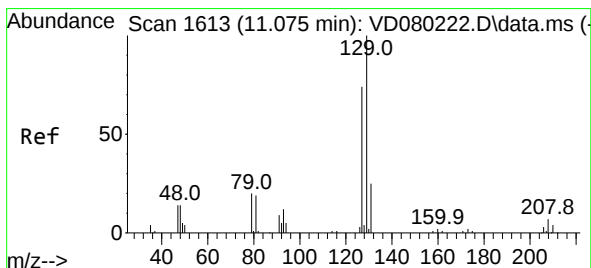
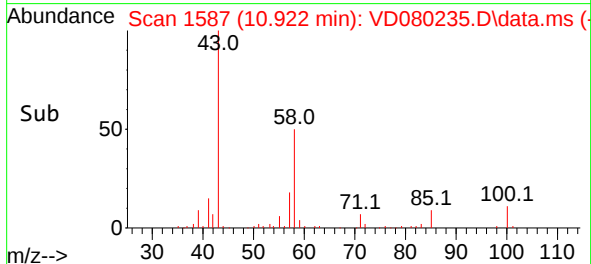
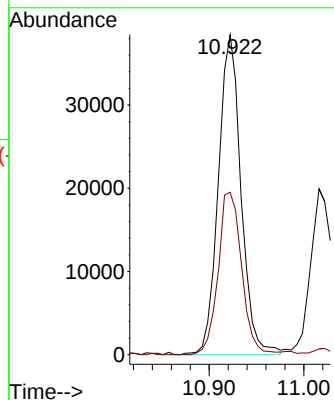
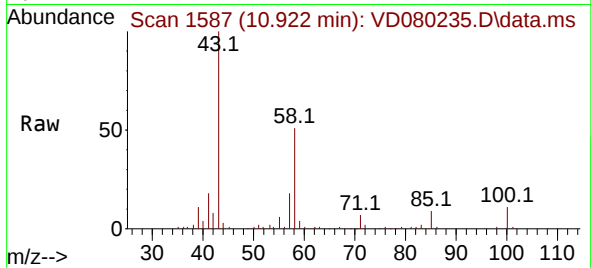




#59
2-Hexanone
Concen: 110.061 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

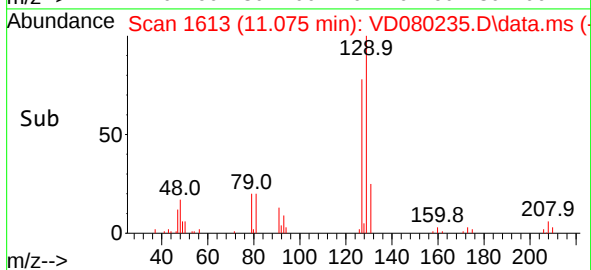
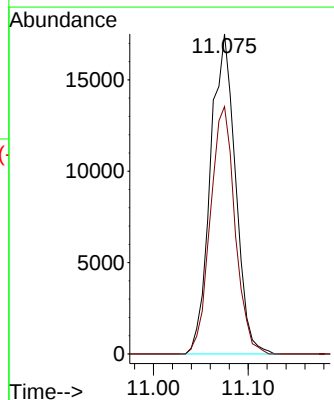
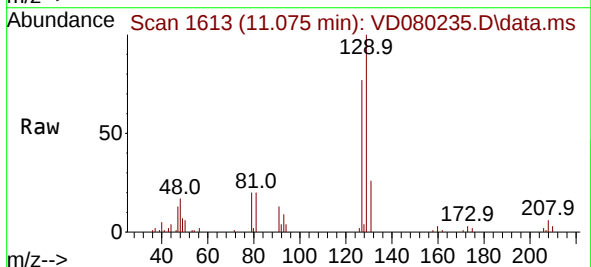
Instrument :
MSVOA_D
ClientSampleId :

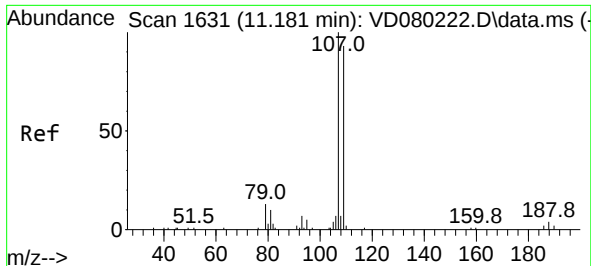
Tgt Ion: 43 Resp: 64034
Ion Ratio Lower Upper
43 100
58 52.6 27.4 82.2



#60
Dibromochloromethane
Concen: 22.639 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion:129 Resp: 32088
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.5

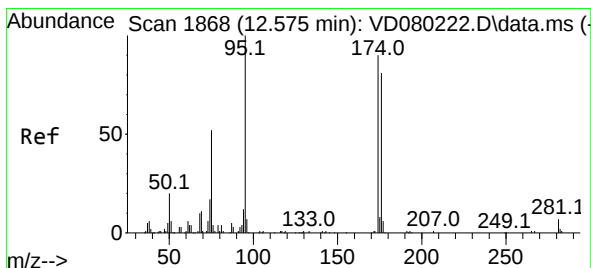
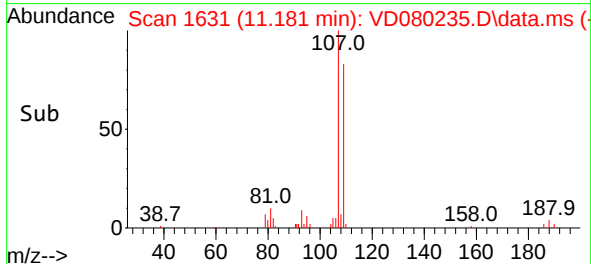
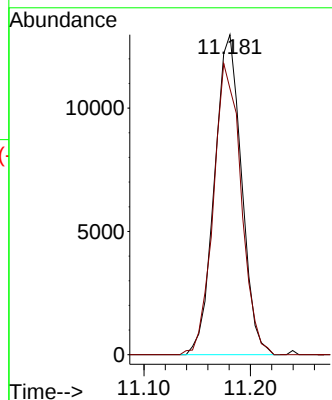
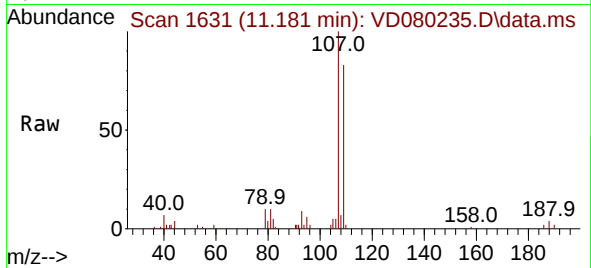




#61
1,2-Dibromoethane
Concen: 21.829 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

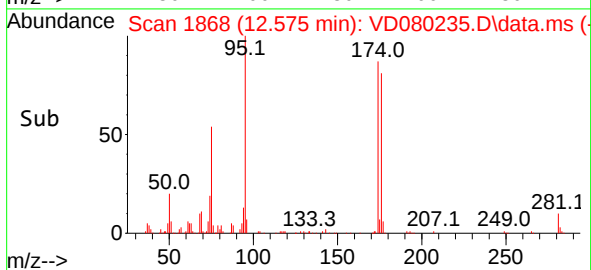
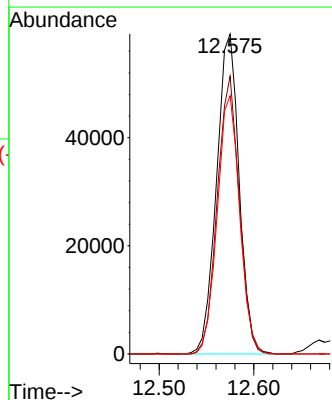
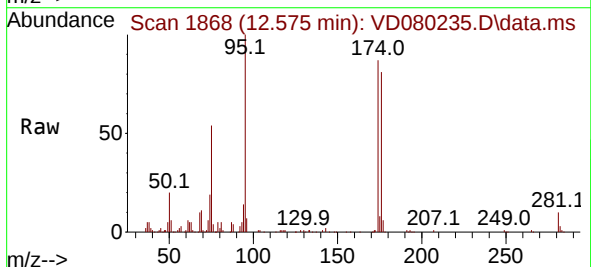
Instrument :
MSVOA_D
ClientSampleId :

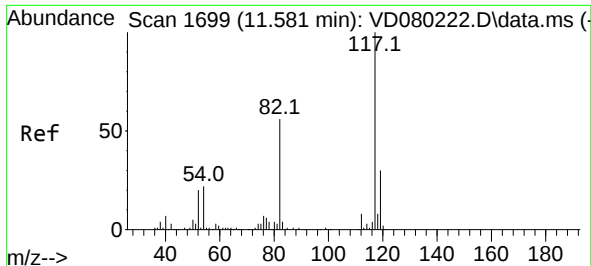
Tgt Ion:107 Resp: 22861
Ion Ratio Lower Upper
107 100
109 93.3 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 58.719 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

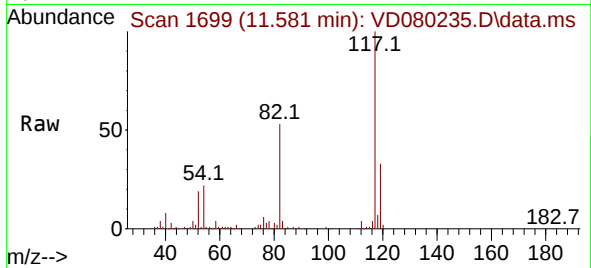
Tgt Ion: 95 Resp: 98284
Ion Ratio Lower Upper
95 100
174 84.4 0.0 171.8
176 79.9 0.0 159.6



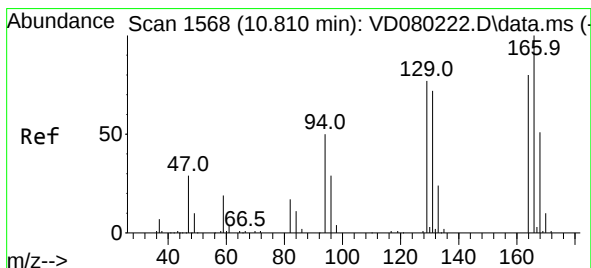
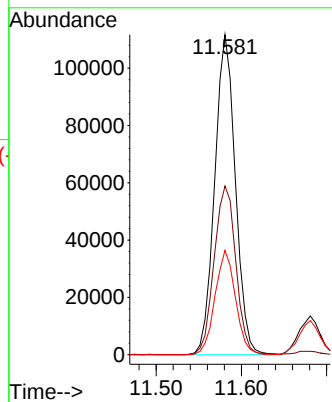
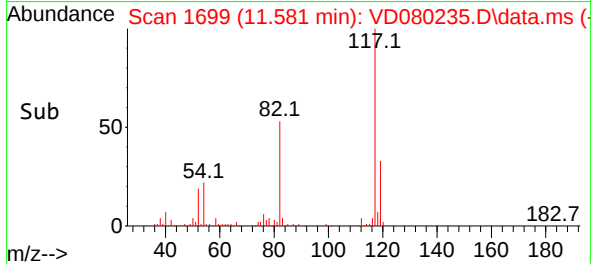


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

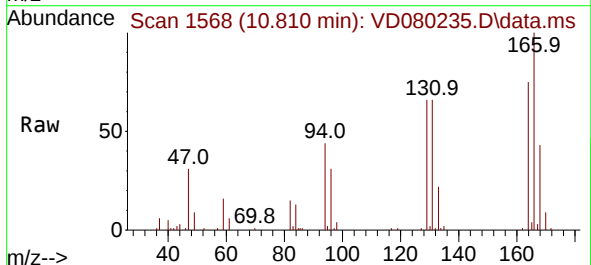
Instrument :
MSVOA_D
ClientSampleId :



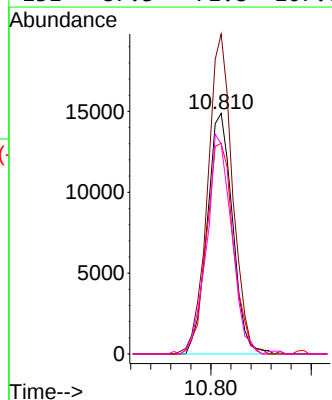
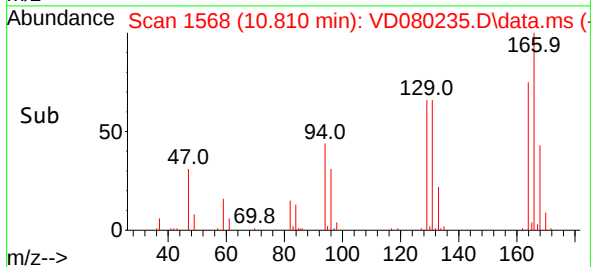
Tgt Ion:117 Resp: 187950
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.6
119 32.6 24.3 36.5

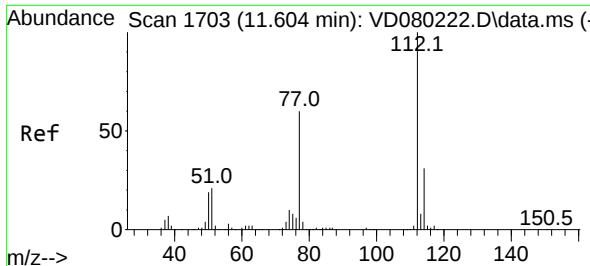


#64
Tetrachloroethene
Concen: 19.863 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02



Tgt Ion:164 Resp: 26079
Ion Ratio Lower Upper
164 100
166 132.0 99.4 149.2
129 87.6 76.3 114.5
131 87.3 71.8 107.6

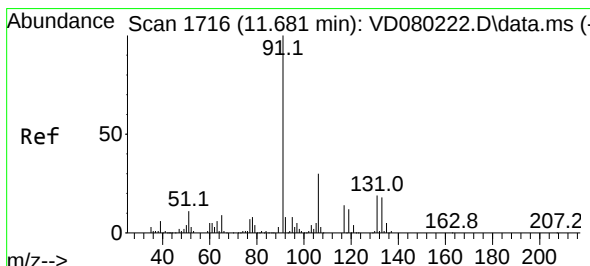
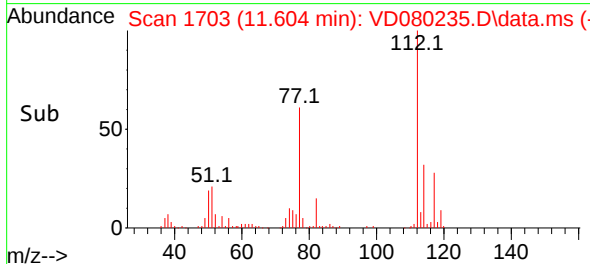
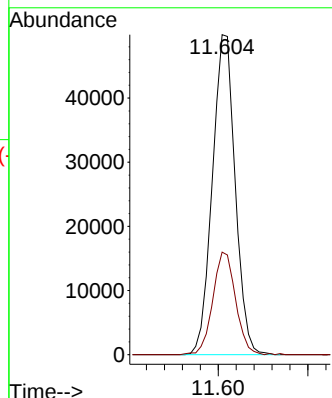
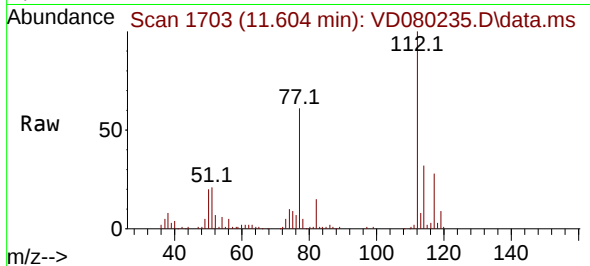




#65
Chlorobenzene
Concen: 20.436 ug/l
RT: 11.604 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

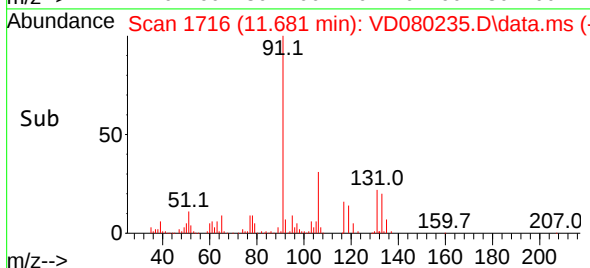
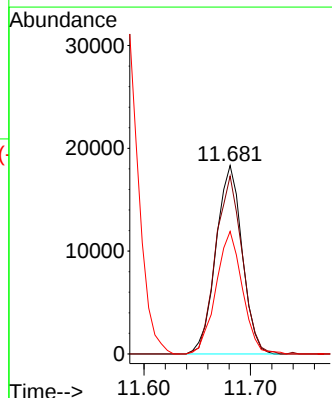
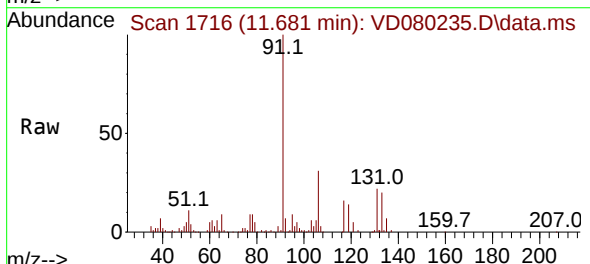
Instrument :
MSVOA_D
ClientSampleId :

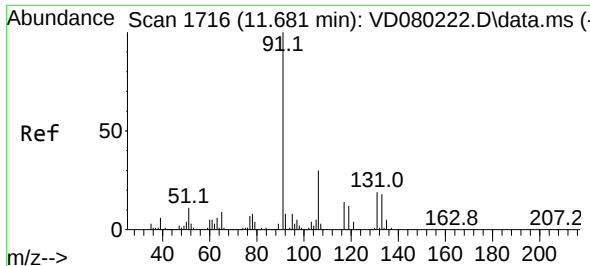
Tgt Ion:112 Resp: 88045
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.822 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion:131 Resp: 31381
Ion Ratio Lower Upper
131 100
133 95.8 45.9 137.7
119 65.5 33.9 101.6

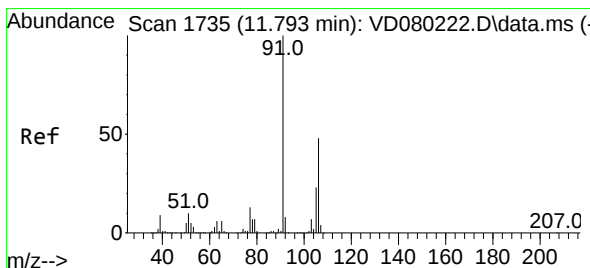
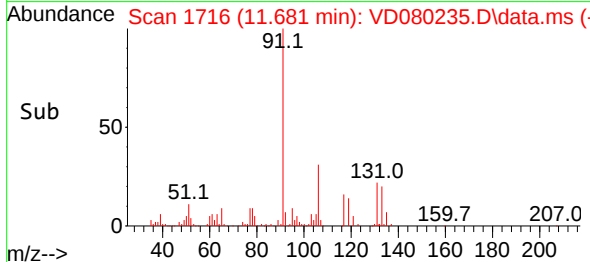
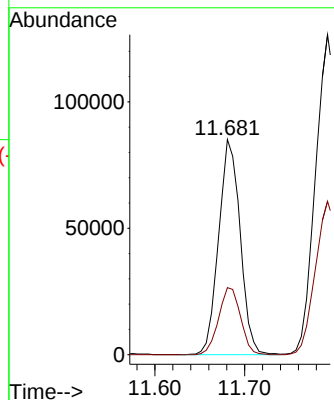
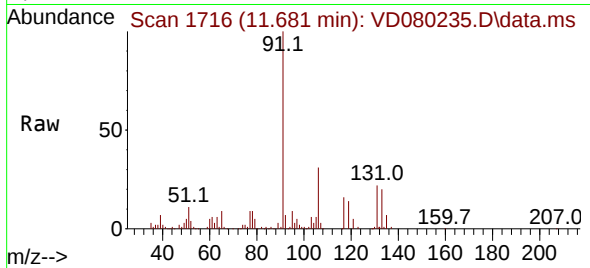




#67
Ethyl Benzene
Concen: 19.796 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

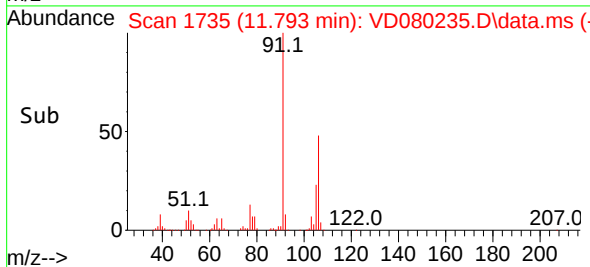
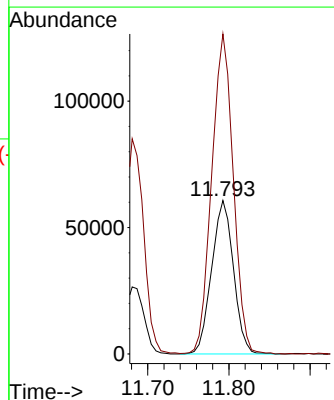
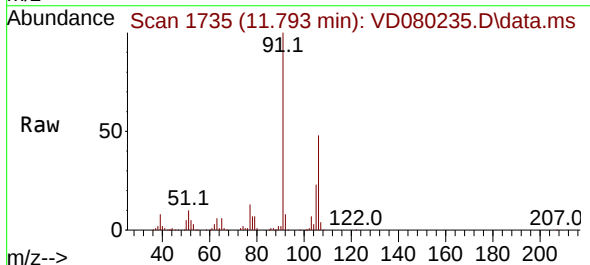
Instrument :
MSVOA_D
ClientSampleId :

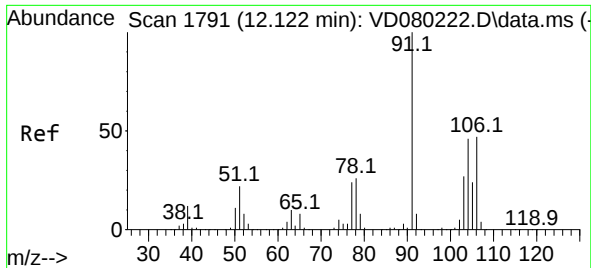
Tgt Ion: 91 Resp: 141870
Ion Ratio Lower Upper
91 100
106 31.1 23.9 35.9



#68
m/p-Xylenes
Concen: 40.731 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion:106 Resp: 113323
Ion Ratio Lower Upper
106 100
91 206.4 165.8 248.8

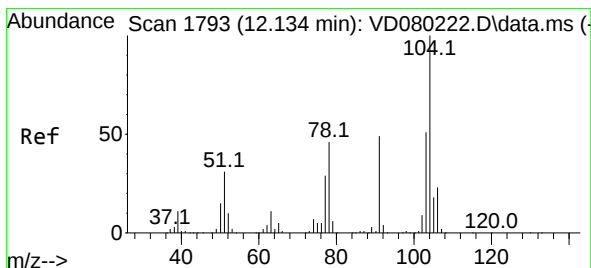
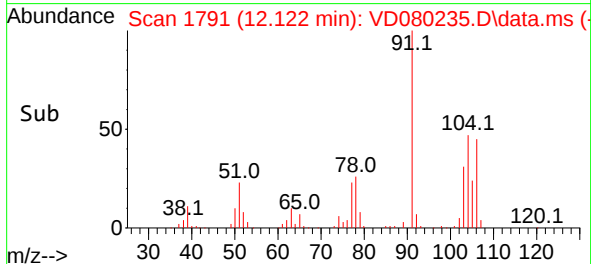
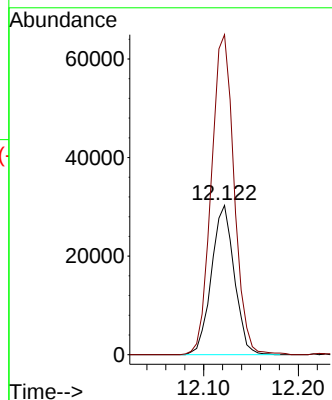
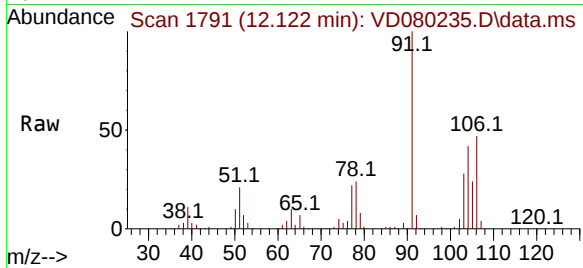




#69
o-Xylene
Concen: 19.980 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

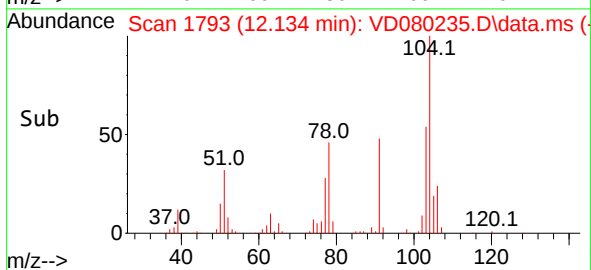
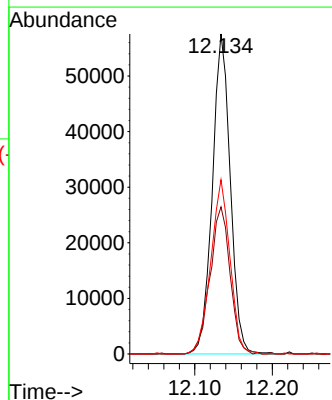
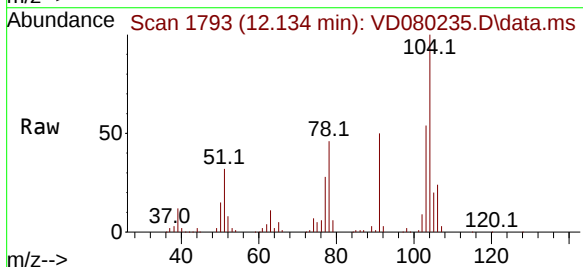
Instrument :
MSVOA_D
ClientSampleId :

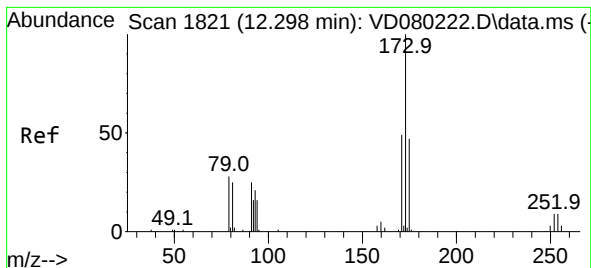
Tgt Ion:106 Resp: 50691
Ion Ratio Lower Upper
106 100
91 214.0 107.7 323.3



#70
Styrene
Concen: 20.545 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion:104 Resp: 92785
Ion Ratio Lower Upper
104 100
78 51.2 40.7 61.1
103 58.2 45.0 67.4





#71

Bromoform

Concen: 21.412 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

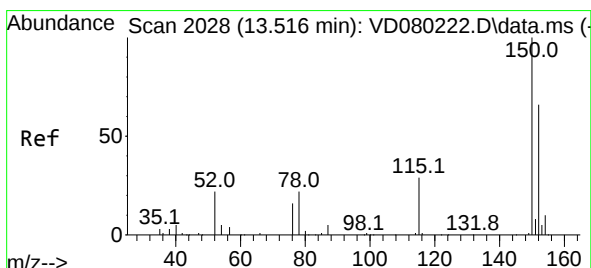
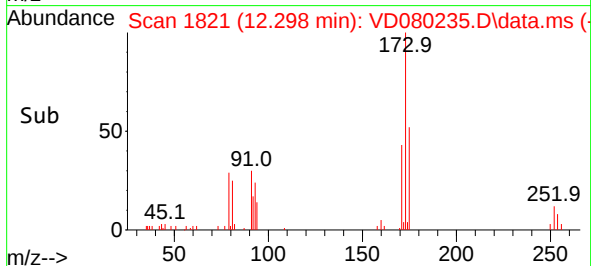
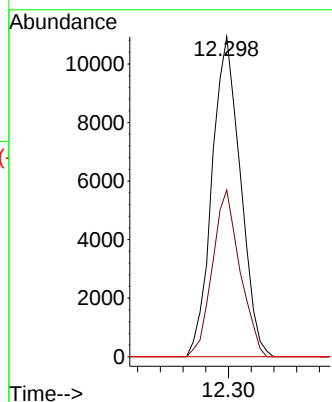
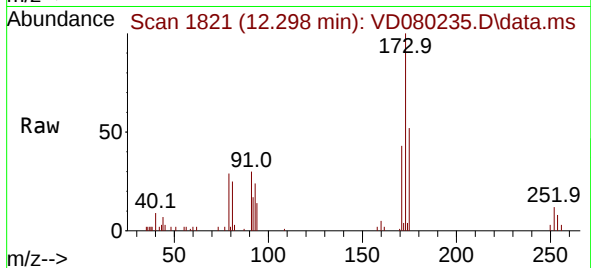
Tgt Ion:173 Resp: 19024

Ion Ratio Lower Upper

173 100

175 50.4 23.4 70.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

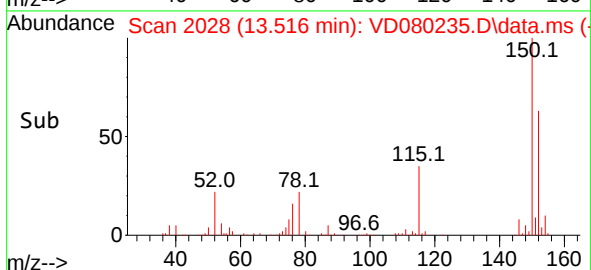
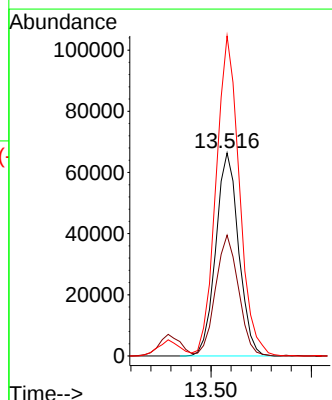
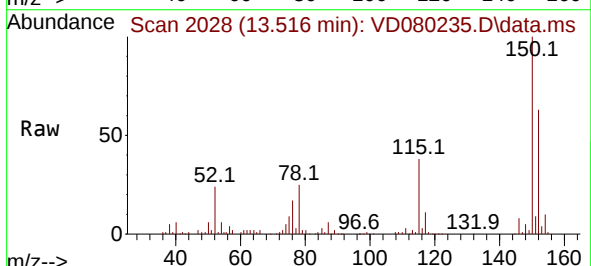
Tgt Ion:152 Resp: 104981

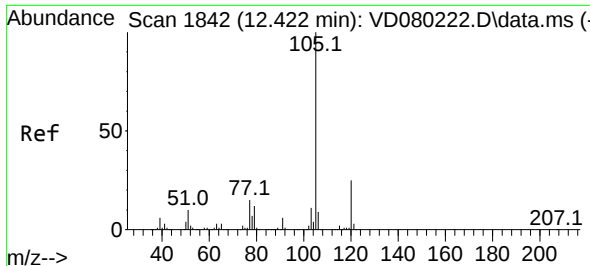
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.1

150 160.9 0.0 350.4

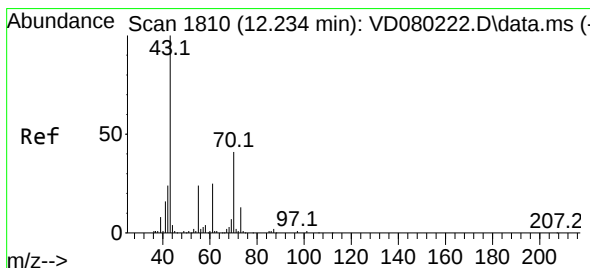
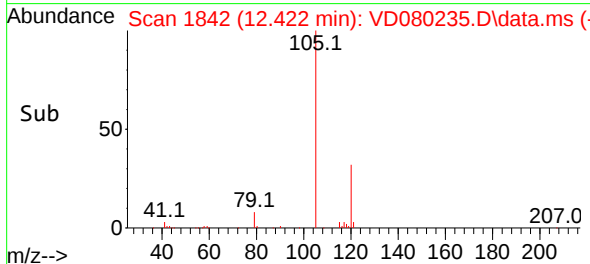
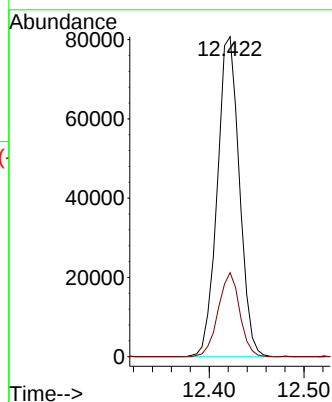
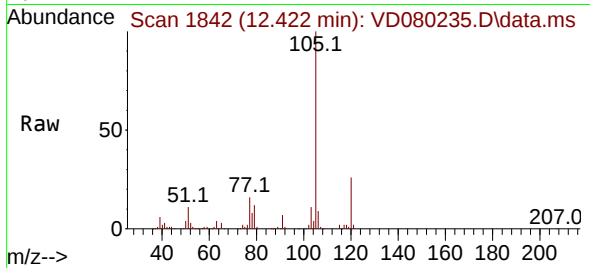




#73
Isopropylbenzene
Concen: 18.429 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

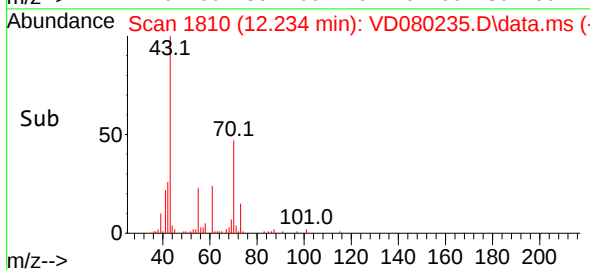
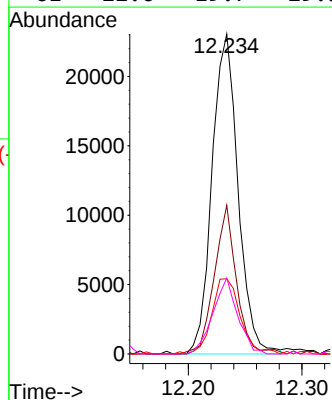
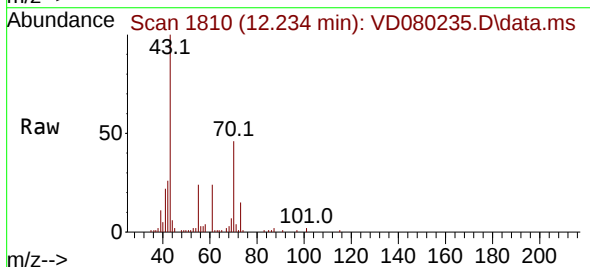
Instrument :
MSVOA_D
ClientSampleId :

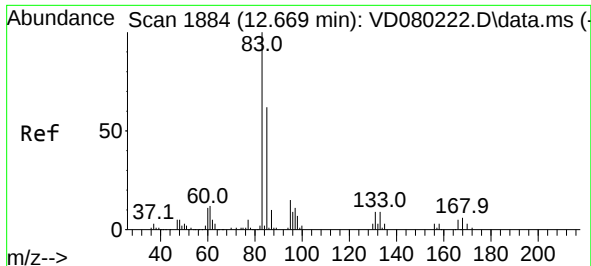
Tgt Ion:105 Resp: 130864
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6



#74
N-ethyl acetate
Concen: 19.618 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion: 43 Resp: 36618
Ion Ratio Lower Upper
43 100
70 39.8 33.6 50.4
55 25.6 21.4 32.0
61 22.6 19.7 29.5

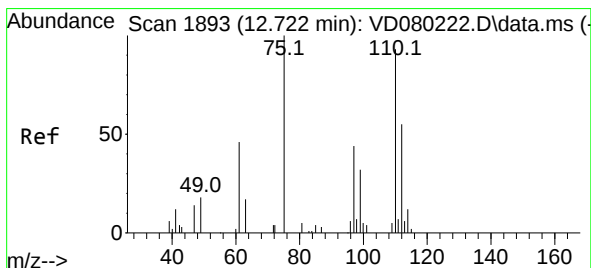
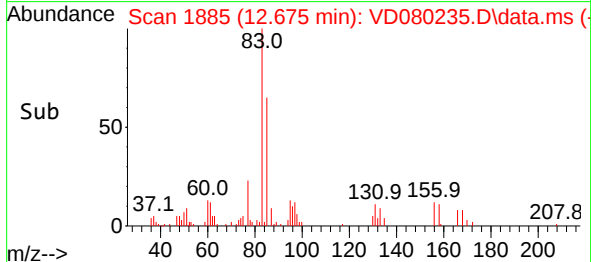
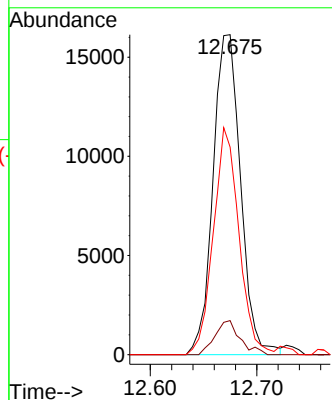
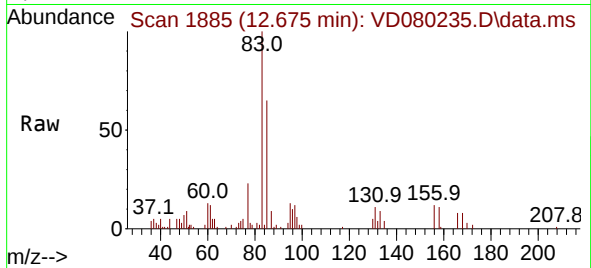




#75
 1,1,2-Tetrachloroethane
 Concen: 19.613 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

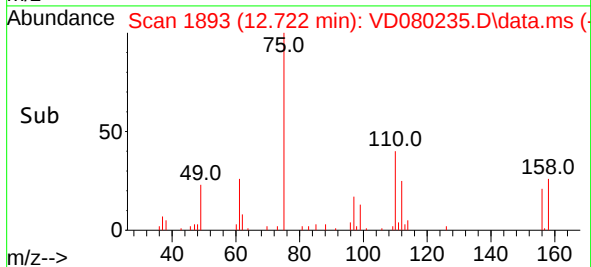
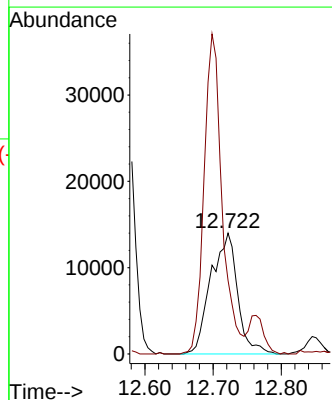
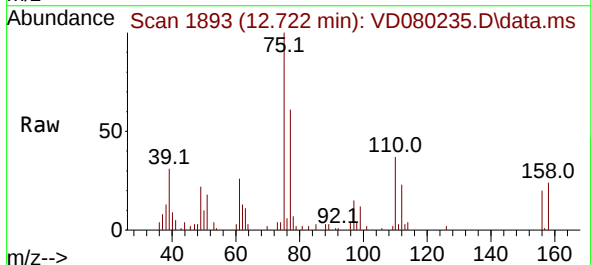
Instrument :
 MSVOA_D
 ClientSampleId :

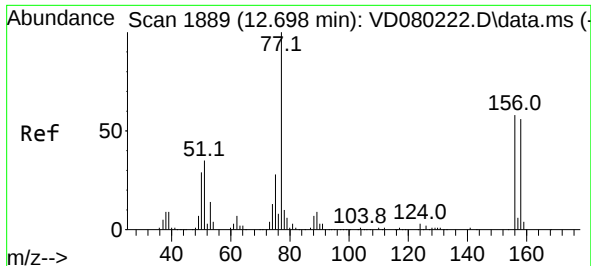
Tgt Ion: 83 Resp: 28980
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.6
 85 65.9 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 35.922 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

Tgt Ion: 75 Resp: 38144
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

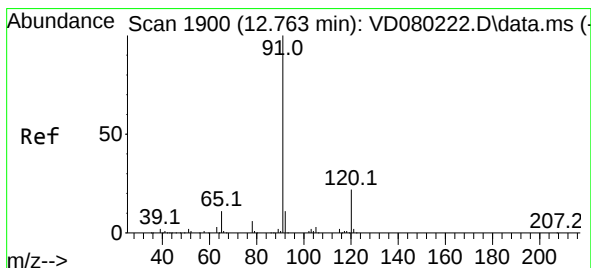
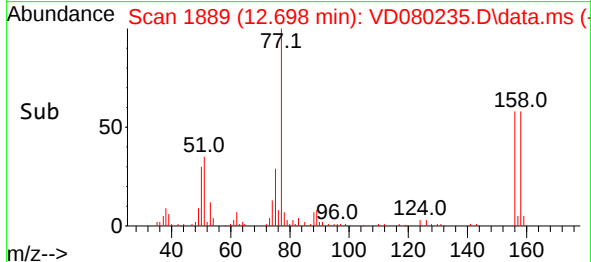
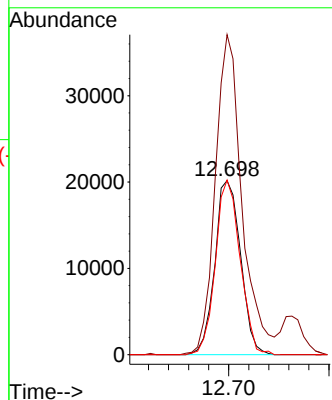
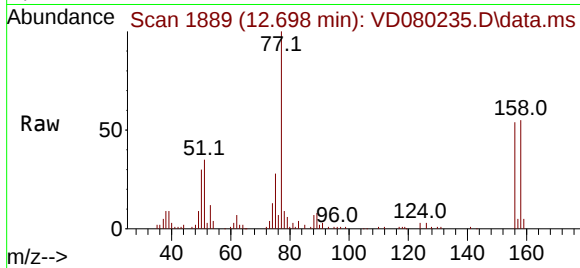




#77
Bromobenzene
Concen: 19.578 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

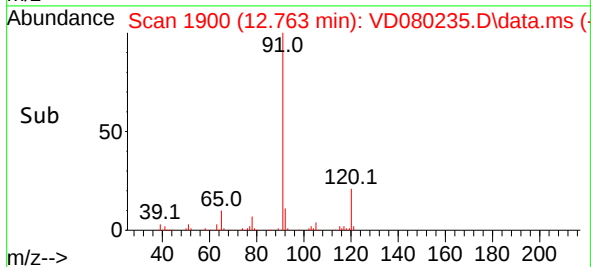
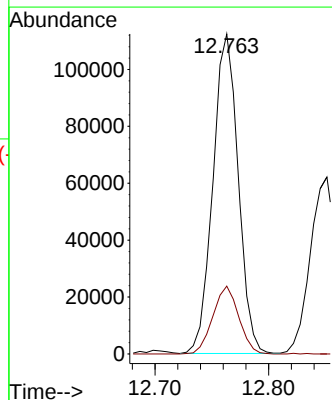
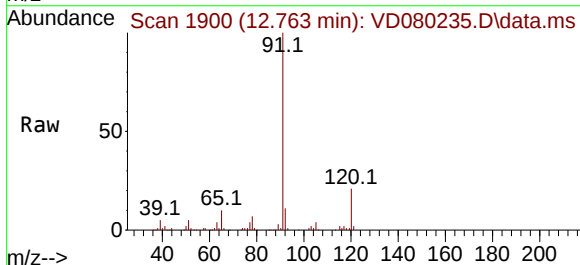
Instrument :
MSVOA_D
ClientSampleId :

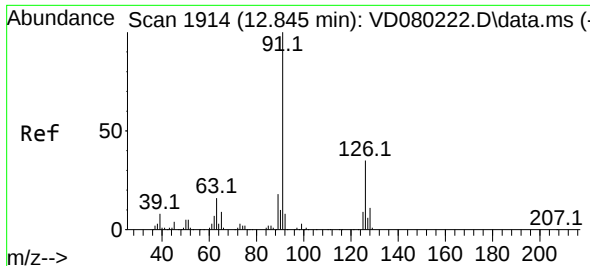
Tgt Ion:156 Resp: 35859
Ion Ratio Lower Upper
156 100
77 190.9 95.2 285.4
158 96.5 47.8 143.3



#78
n-propylbenzene
Concen: 19.212 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion: 91 Resp: 173693
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0

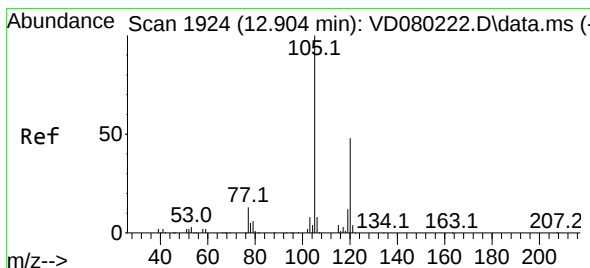
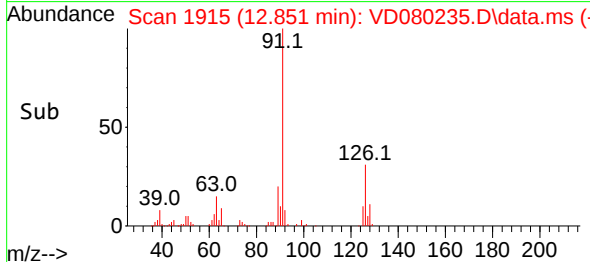
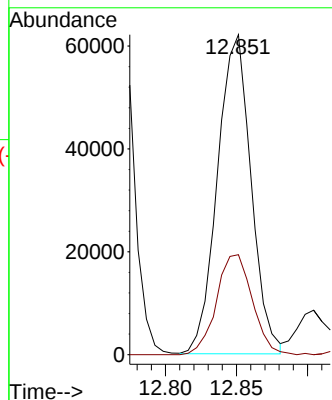
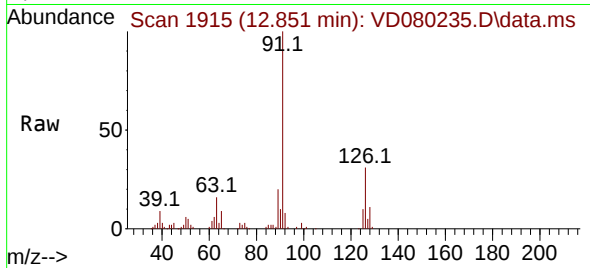




#79
2-Chlorotoluene
Concen: 19.890 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

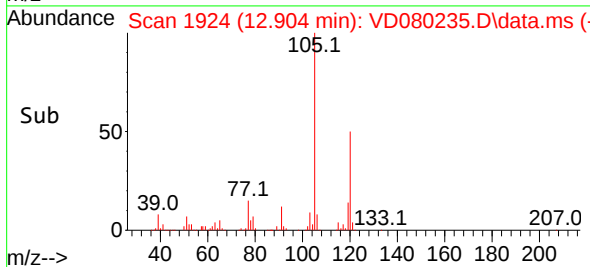
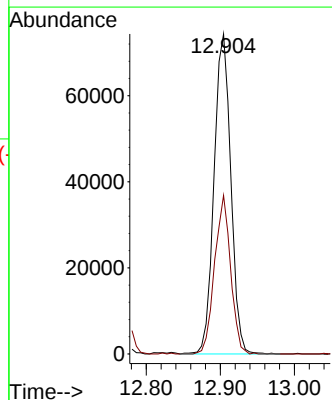
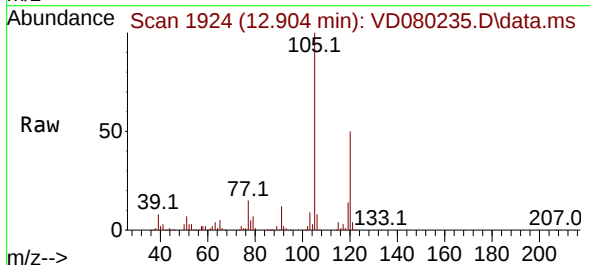
Instrument :
MSVOA_D
ClientSampleId :

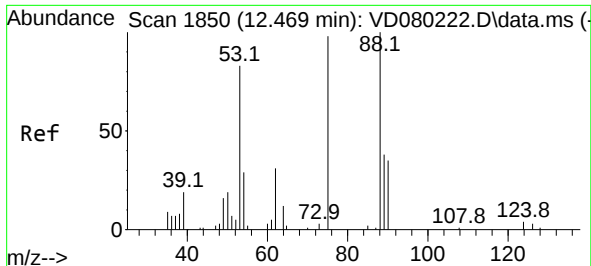
Tgt Ion: 91 Resp: 102158
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 19.659 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion: 105 Resp: 116744
Ion Ratio Lower Upper
105 100
120 47.3 23.5 70.5

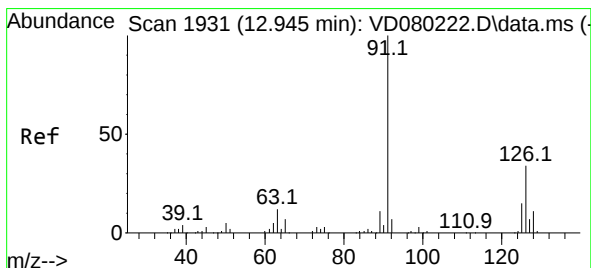
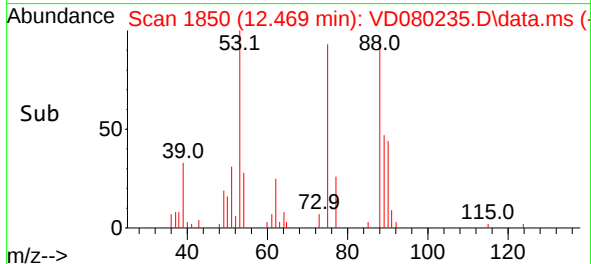
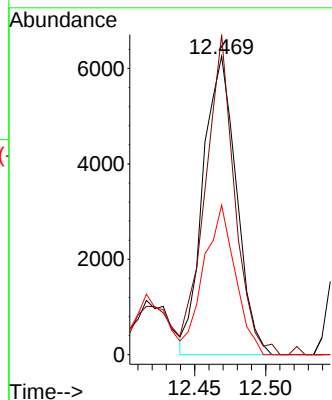
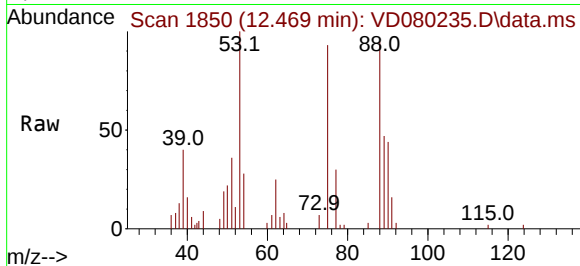




#81
trans-1,4-Dichloro-2-butene
Concen: 19.565 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

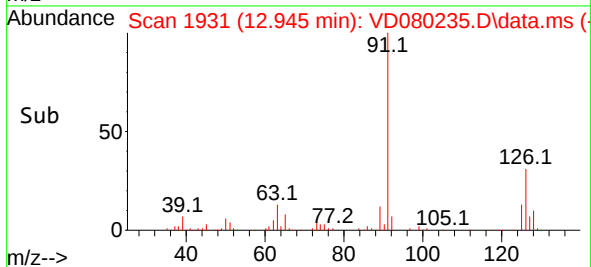
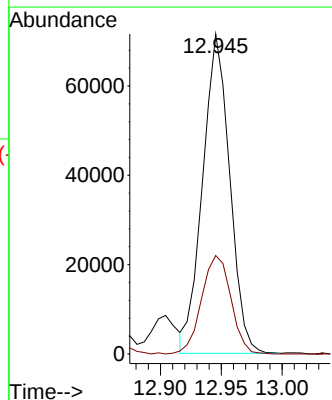
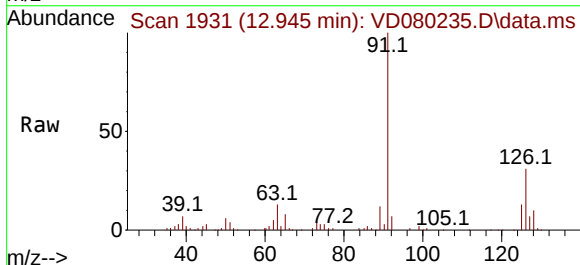
Instrument :
MSVOA_D
ClientSampleId :

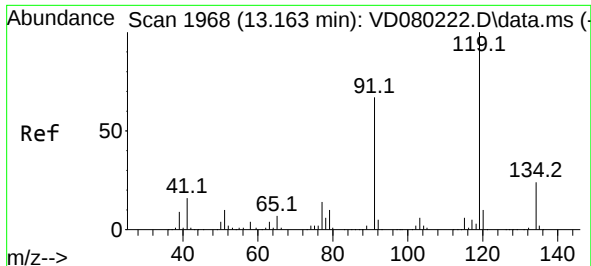
Tgt Ion: 75 Resp: 10160
Ion Ratio Lower Upper
75 100
53 94.8 69.1 103.7
89 47.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.266 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion: 91 Resp: 110613
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.6

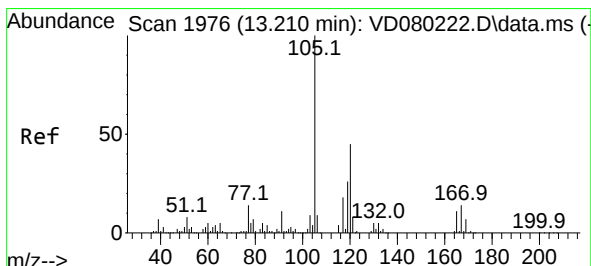
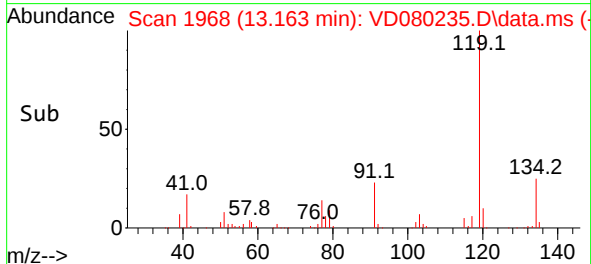
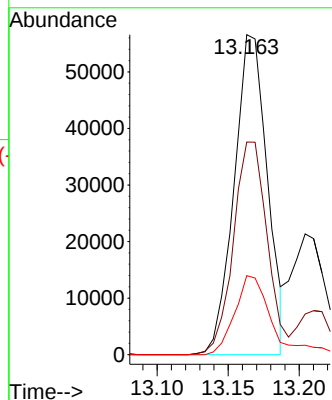
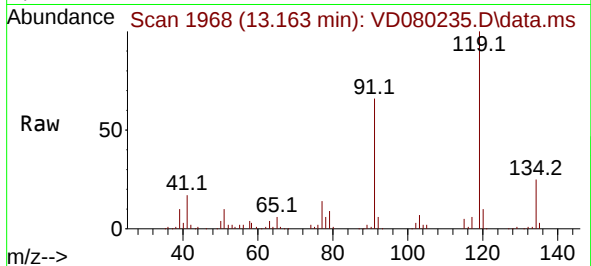




#83
tert-Butylbenzene
Concen: 18.976 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

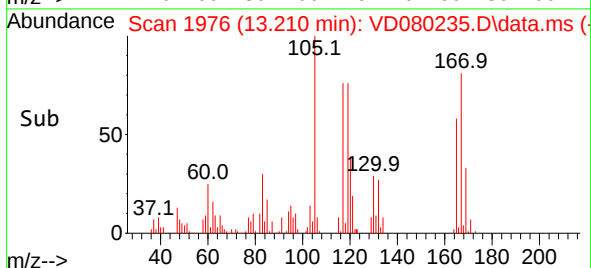
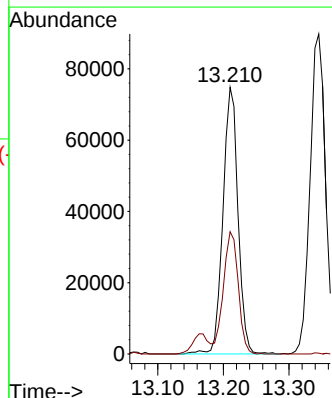
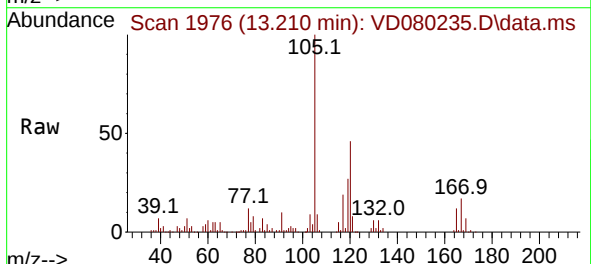
Instrument :
MSVOA_D
ClientSampleId :

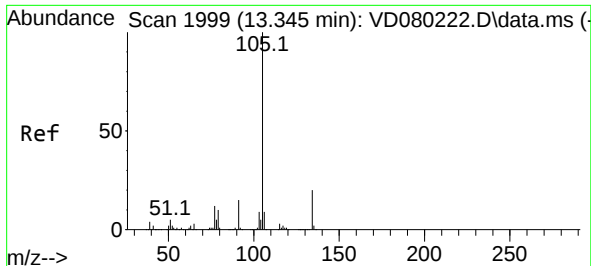
Tgt Ion:119 Resp: 92126
Ion Ratio Lower Upper
119 100
91 67.9 34.5 103.5
134 27.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.634 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion:105 Resp: 118680
Ion Ratio Lower Upper
105 100
120 45.7 22.1 66.5

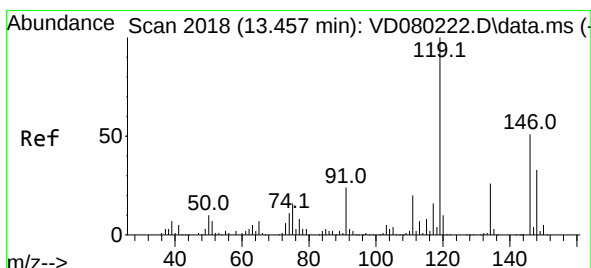
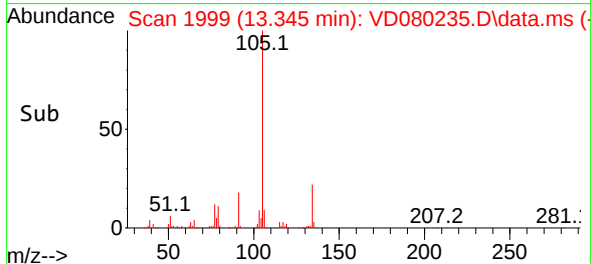
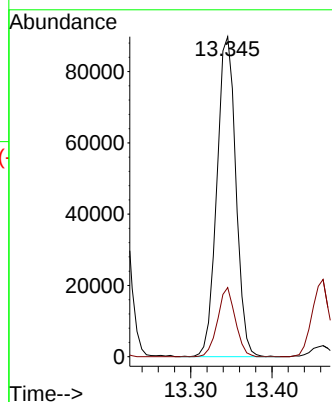
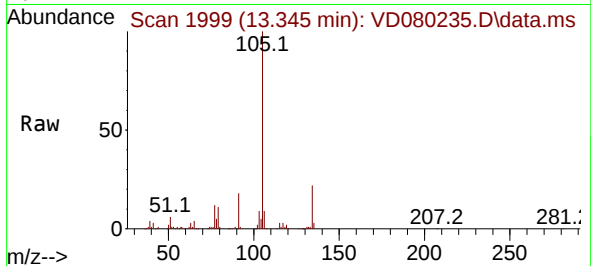




#85
sec-Butylbenzene
Concen: 19.680 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

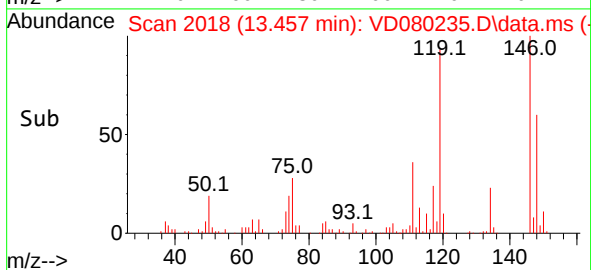
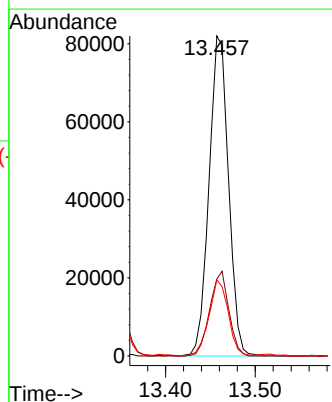
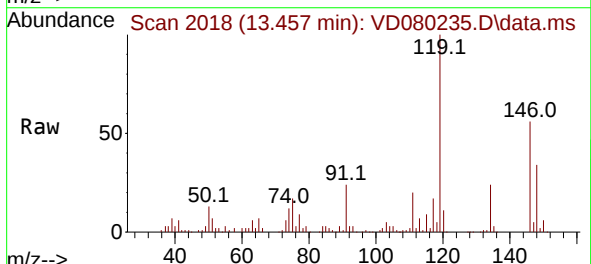
Instrument :
MSVOA_D
ClientSampleId :

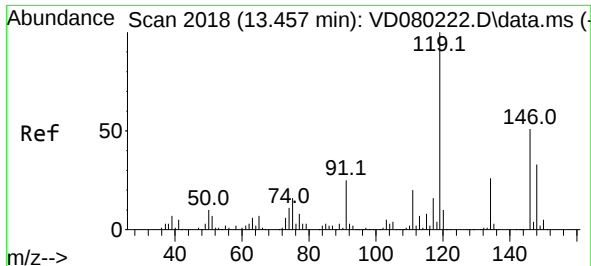
Tgt Ion:105 Resp: 146083
Ion Ratio Lower Upper
105 100
134 20.1 9.8 29.4



#86
p-Isopropyltoluene
Concen: 19.516 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

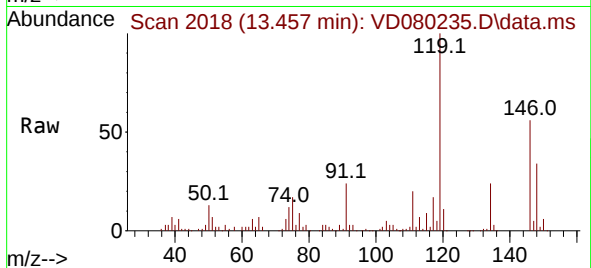
Tgt Ion:119 Resp: 123698
Ion Ratio Lower Upper
119 100
134 25.8 13.3 39.9
91 23.6 12.4 37.2



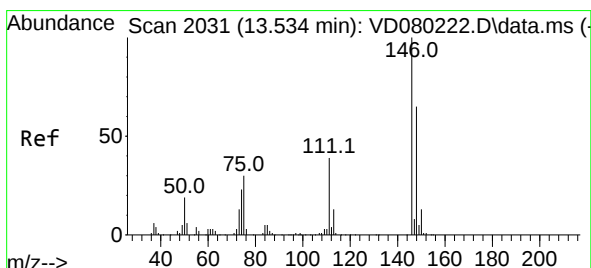
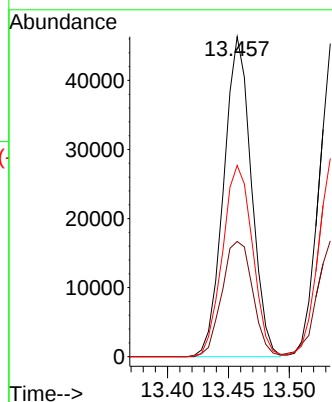
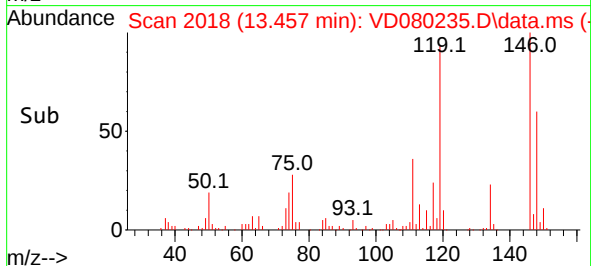


#87
 1,3-Dichlorobenzene
 Concen: 20.281 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

Instrument :
 MSVOA_D
 ClientSampleId :

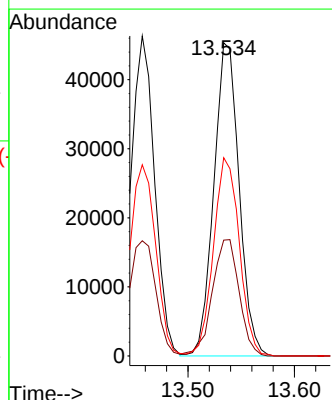
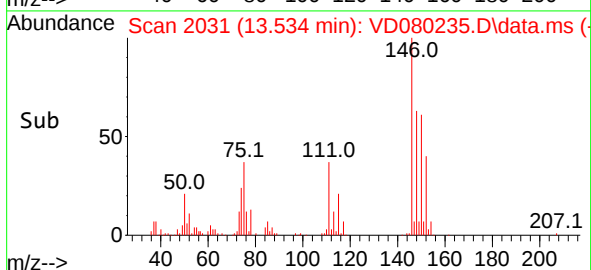
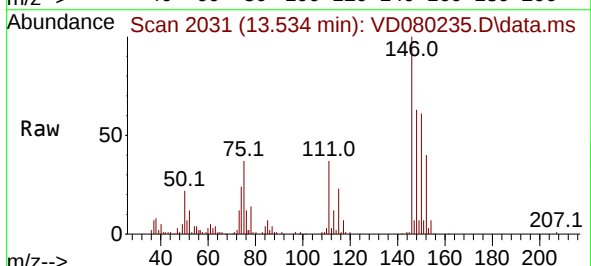


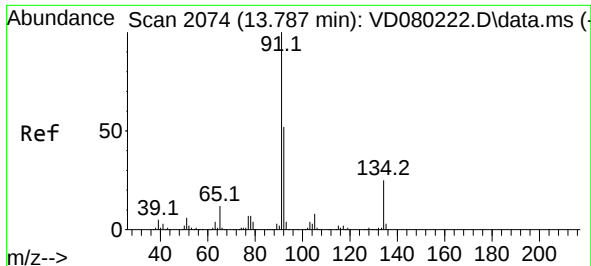
Tgt Ion:146 Resp: 73165
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.5 61.6
 148 64.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.474 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

Tgt Ion:146 Resp: 74757
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.0
 148 64.8 32.3 96.8





#89

n-Butylbenzene

Concen: 19.664 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :

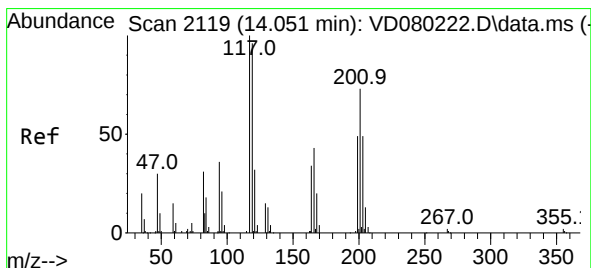
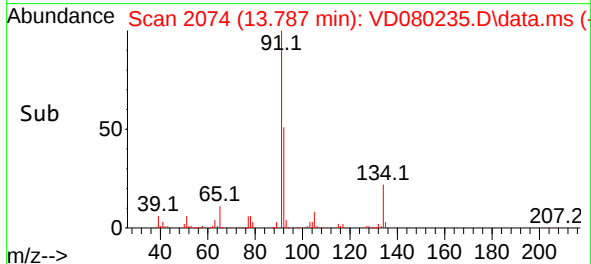
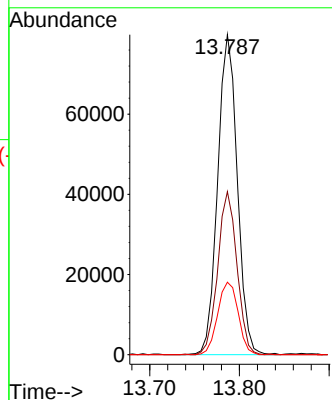
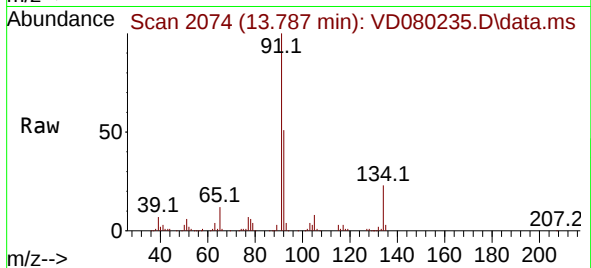
Tgt Ion: 91 Resp: 121116

Ion Ratio Lower Upper

91 100

92 50.0 26.1 78.2

134 23.7 12.4 37.0



#90

Hexachloroethane

Concen: 20.191 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD080235.D

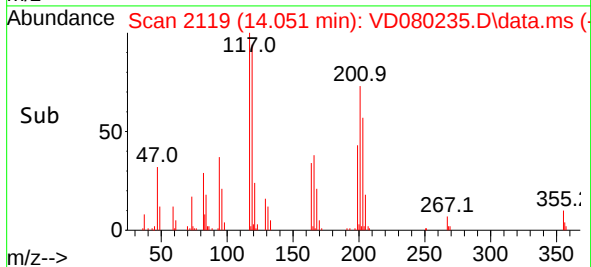
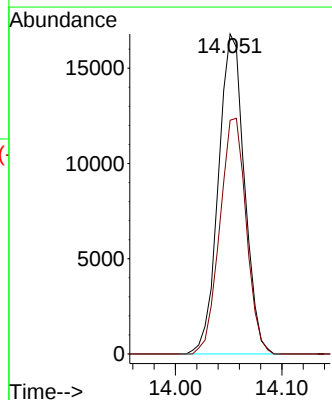
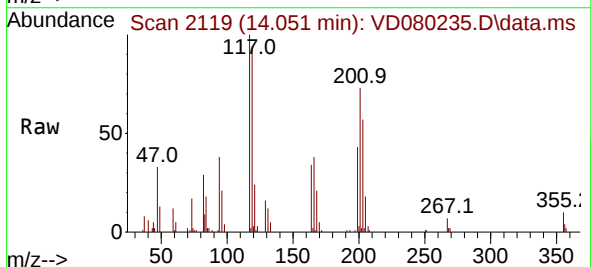
Acq: 04 Feb 2025 13:02

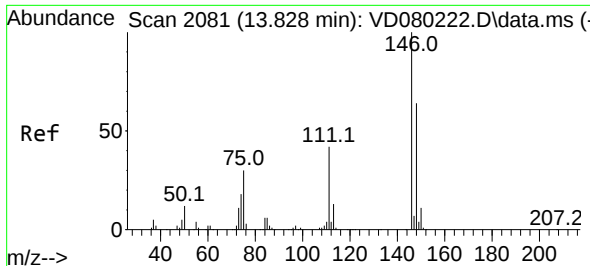
Tgt Ion: 117 Resp: 28443

Ion Ratio Lower Upper

117 100

201 75.0 36.0 108.0





#91

1,2-Dichlorobenzene

Concen: 20.307 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

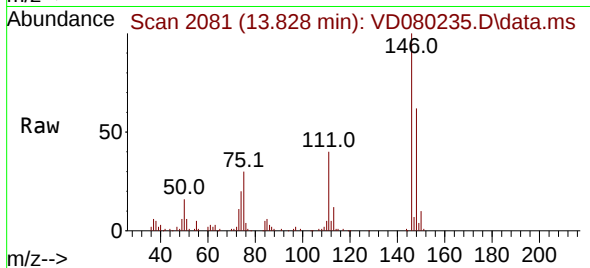
Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

Instrument :

MSVOA_D

ClientSampleId :



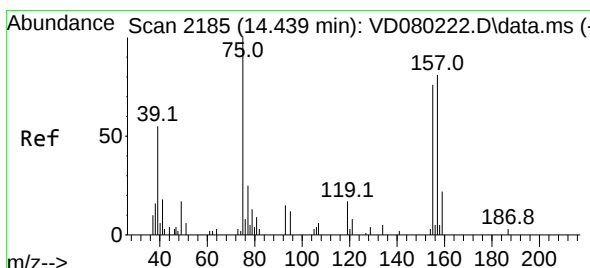
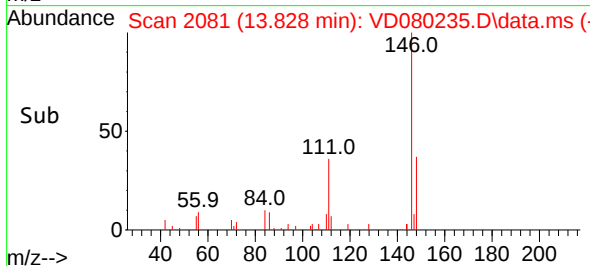
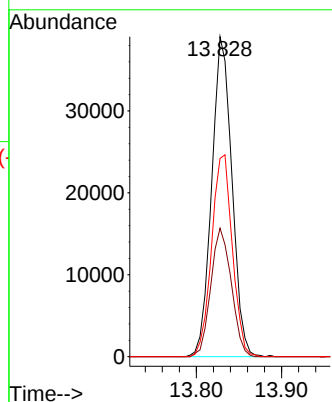
Tgt Ion:146 Resp: 64553

Ion Ratio Lower Upper

146 100

111 40.6 21.0 63.0

148 64.7 32.5 97.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.780 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD080235.D

Acq: 04 Feb 2025 13:02

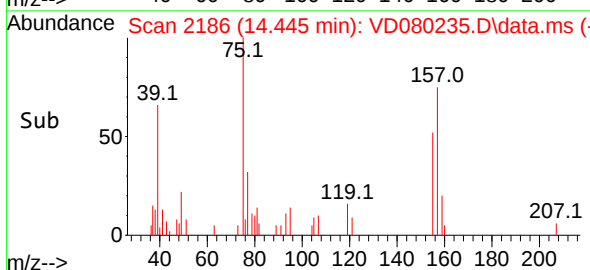
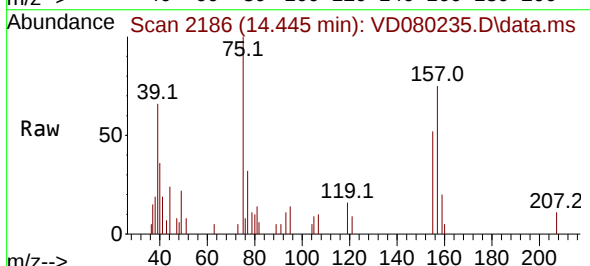
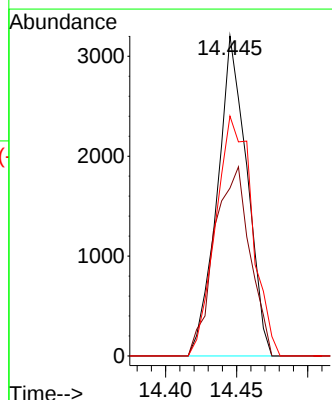
Tgt Ion: 75 Resp: 4650

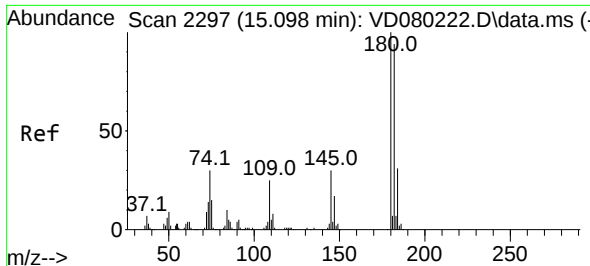
Ion Ratio Lower Upper

75 100

155 71.4 41.5 124.6

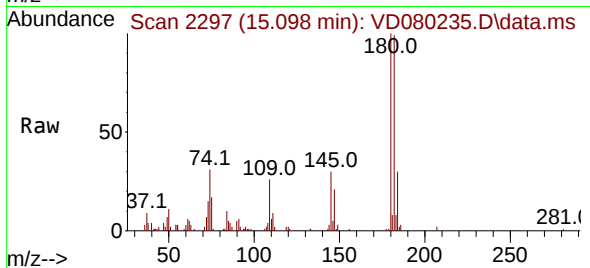
157 92.2 50.5 151.5



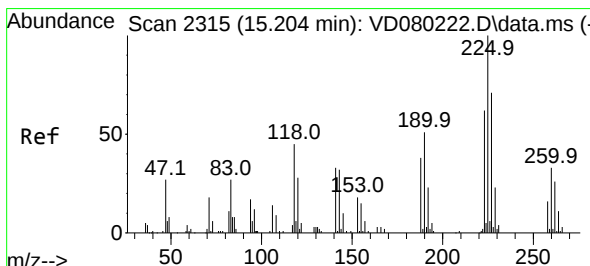
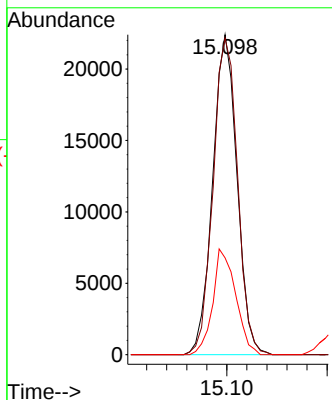
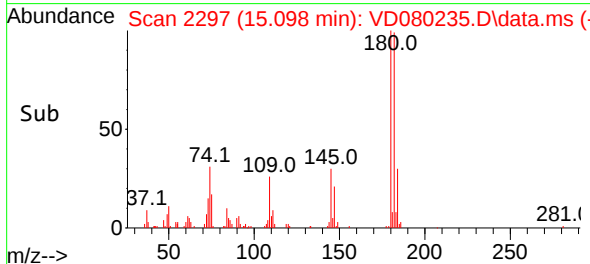


#93
 1,2,4-Trichlorobenzene
 Concen: 18.628 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02

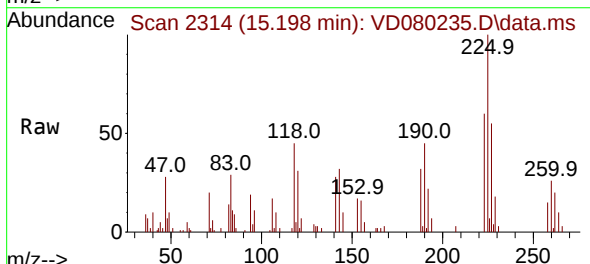
Instrument :
 MSVOA_D
 ClientSampleId :



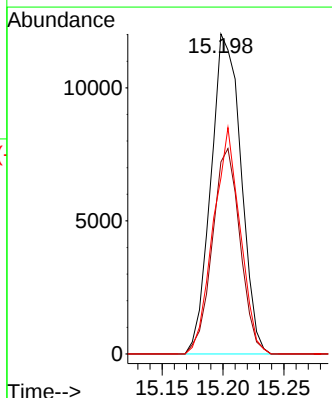
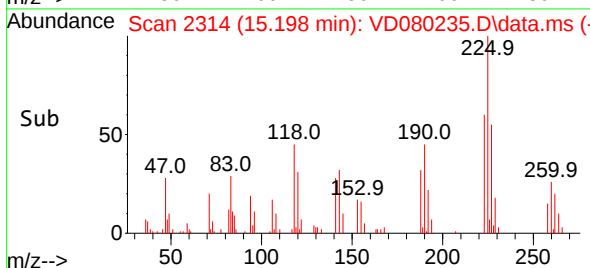
Tgt Ion:180 Resp: 37746
 Ion Ratio Lower Upper
 180 100
 182 99.2 47.5 142.5
 145 31.1 14.6 44.0

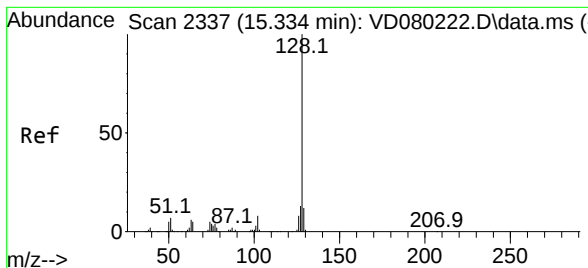


#94
 Hexachlorobutadiene
 Concen: 18.818 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD080235.D
 Acq: 04 Feb 2025 13:02



Tgt Ion:225 Resp: 20651
 Ion Ratio Lower Upper
 225 100
 223 59.5 31.3 93.8
 227 63.4 32.4 97.2

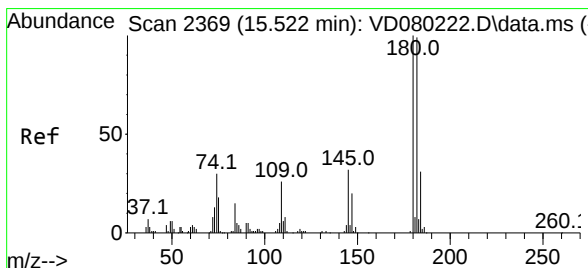
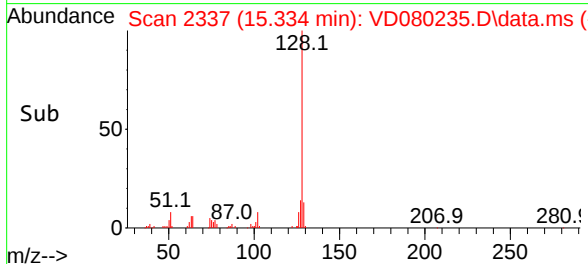
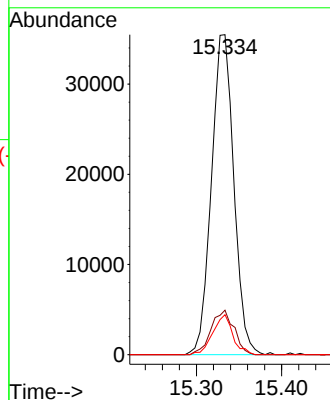
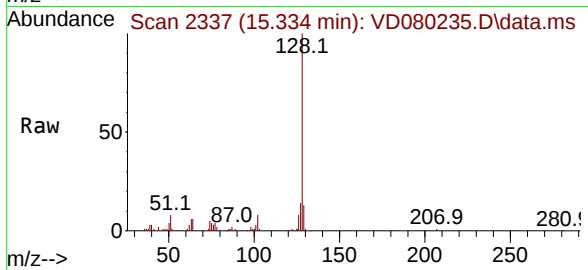




#95
Naphthalene
Concen: 20.358 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 64778
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 12.5 9.4 14.0



#96
1,2,3-Trichlorobenzene
Concen: 19.625 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080235.D
Acq: 04 Feb 2025 13:02

Tgt Ion:180 Resp: 35887
Ion Ratio Lower Upper
180 100
182 91.9 47.3 142.0
145 30.2 15.6 46.7

