

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
 Data File : VD077311.D
 Acq On : 11 Oct 2023 17:38
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 12 08:58:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 04:48:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	244665	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	437450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	406075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	193924	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94527	48.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.580%
35) Dibromofluoromethane	7.804	113	112268	48.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.620%
50) Toluene-d8	10.269	98	388792	50.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.575	95	127027	49.501	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	108747	47.848	ug/l	91
3) Chloromethane	2.146	50	191773	53.284	ug/l	99
4) Vinyl Chloride	2.281	62	212137	54.027	ug/l	99
5) Bromomethane	2.687	94	150296	54.428	ug/l	100
6) Chloroethane	2.834	64	143532	55.374	ug/l	99
7) Trichlorofluoromethane	3.175	101	234497	57.748	ug/l	99
8) Diethyl Ether	3.587	74	78014	55.123	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.963	101	145969	49.929	ug/l	94
10) Methyl Iodide	4.158	142	201696	55.849	ug/l	91
11) Tert butyl alcohol	5.046	59	37424	252.593	ug/l	99
12) 1,1-Dichloroethene	3.940	96	144921	51.336	ug/l	# 82
13) Acrolein	3.799	56	60910	352.554	ug/l	99
14) Allyl chloride	4.558	41	205811	53.018	ug/l	91
15) Acrylonitrile	5.252	53	177662	255.017	ug/l	99
16) Acetone	4.016	43	149102	246.141	ug/l	94
17) Carbon Disulfide	4.269	76	461540	54.176	ug/l	100
18) Methyl Acetate	4.563	43	125194	51.994	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	338095	53.662	ug/l	99
20) Methylene Chloride	4.799	84	210711	48.010	ug/l	# 87
21) trans-1,2-Dichloroethene	5.310	96	175927	52.191	ug/l	96
22) Diisopropyl ether	6.216	45	477444	54.299	ug/l	93
23) Vinyl Acetate	6.152	43	952991	231.268	ug/l	# 91
24) 1,1-Dichloroethane	6.110	63	302112	51.671	ug/l	96
25) 2-Butanone	7.081	43	206103	255.408	ug/l	# 86
26) 2,2-Dichloropropane	7.075	77	240965	51.254	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	196056	51.959	ug/l	94
28) Bromochloromethane	7.422	49	123142	53.212	ug/l	# 76
29) Tetrahydrofuran	7.440	42	128037	265.950	ug/l	86
30) Chloroform	7.593	83	310003	51.743	ug/l	96
31) Cyclohexane	7.881	56	234528	50.449	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	245937	51.192	ug/l	99
36) 1,1-Dichloropropene	8.010	75	224594	53.313	ug/l	96
37) Ethyl Acetate	7.169	43	93041	52.643	ug/l	95
38) Carbon Tetrachloride	7.993	117	198513	51.946	ug/l	95
39) Methylcyclohexane	9.275	83	264895	55.795	ug/l	95
40) Benzene	8.251	78	692131	53.251	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	50154	52.538	ug/l	93
42) 1,2-Dichloroethane	8.322	62	163655	52.384	ug/l	98
43) Isopropyl Acetate	8.363	43	167611	53.515	ug/l	92
44) Trichloroethene	9.028	130	163019	51.183	ug/l	84
45) 1,2-Dichloropropane	9.304	63	177854	53.205	ug/l	95
46) Dibromomethane	9.393	93	91537	52.243	ug/l	90
47) Bromodichloromethane	9.587	83	225571	52.509	ug/l	99
48) Methyl methacrylate	9.381	41	80054	55.485	ug/l #	81
49) 1,4-Dioxane	9.387	88	19449	1065.001	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	444321	271.432	ug/l	92
52) Toluene	10.334	92	434935	54.830	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	219800	54.570	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	270175	54.088	ug/l	92
55) 1,1,2-Trichloroethane	10.734	97	127069	53.358	ug/l	94
56) Ethyl methacrylate	10.598	69	155110	50.991	ug/l	92
57) 1,3-Dichloropropane	10.881	76	215021	52.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	382152	252.244	ug/l	92
59) 2-Hexanone	10.922	43	315247	272.312	ug/l	90
60) Dibromochloromethane	11.075	129	146840	53.987	ug/l	96
61) 1,2-Dibromoethane	11.181	107	118710	54.610	ug/l	98
64) Tetrachloroethene	10.810	164	132931	51.278	ug/l	91
65) Chlorobenzene	11.610	112	448999	53.167	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	154635	51.912	ug/l	99
67) Ethyl Benzene	11.681	91	821108	54.484	ug/l	95
68) m/p-Xylenes	11.792	106	635724	109.605	ug/l	88
69) o-Xylene	12.122	106	297571	55.428	ug/l	91
70) Styrene	12.134	104	529693	56.941	ug/l	97
71) Bromoform	12.298	173	82525	54.583	ug/l #	97
73) Isopropylbenzene	12.422	105	768150	53.633	ug/l	95
74) N-amyl acetate	12.234	43	162436	53.937	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	147931	51.470	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	173585	81.473	ug/l #	100
77) Bromobenzene	12.704	156	169965	51.871	ug/l	83
78) n-propylbenzene	12.763	91	977142	53.807	ug/l	94
79) 2-Chlorotoluene	12.851	91	523662	53.485	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	641369	53.741	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	47767	53.456	ug/l	95
82) 4-Chlorotoluene	12.945	91	551794	53.345	ug/l	93
83) tert-Butylbenzene	13.169	119	538909	54.058	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	651711	54.515	ug/l	97
85) sec-Butylbenzene	13.345	105	850098	54.683	ug/l	94
86) p-Isopropyltoluene	13.463	119	699969	54.803	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	363089	52.836	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	345153	50.848	ug/l	97
89) n-Butylbenzene	13.786	91	675963	54.131	ug/l	98
90) Hexachloroethane	14.057	117	131796	52.335	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	304576	51.287	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19877	52.844	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	188969	52.755	ug/l	97
94) Hexachlorobutadiene	15.204	225	93430	52.175	ug/l	100
95) Naphthalene	15.333	128	368899	53.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	166757	52.682	ug/l	98

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QLast Update : Thu Oct 12 04:48:21 2023
Response via : Initial Calibration

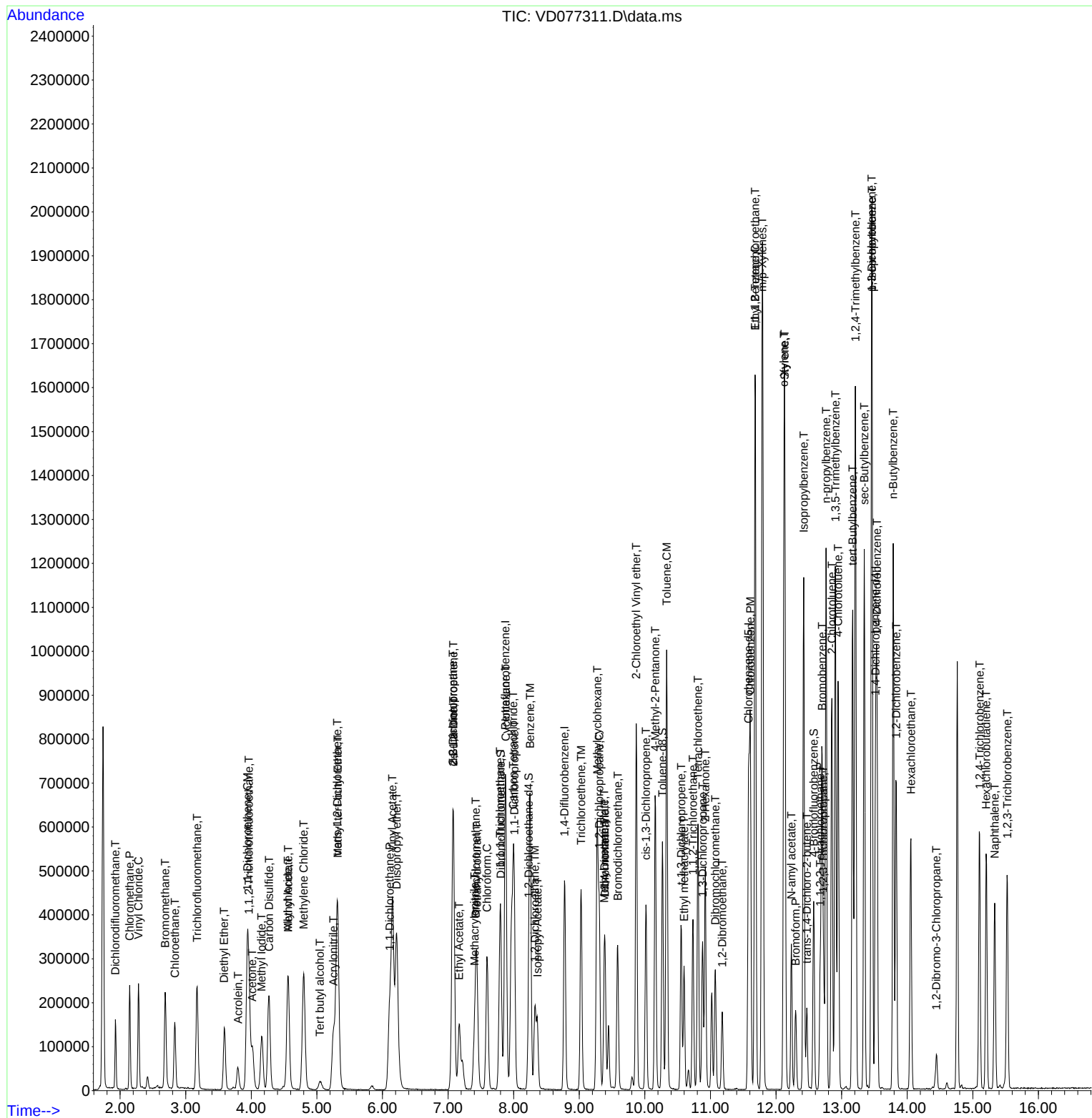
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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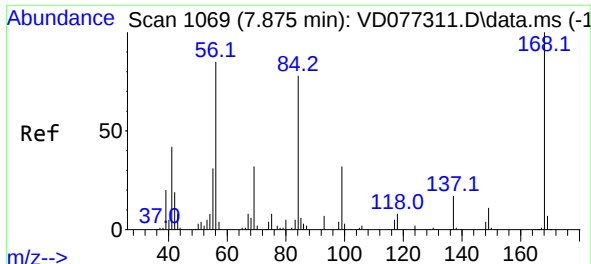
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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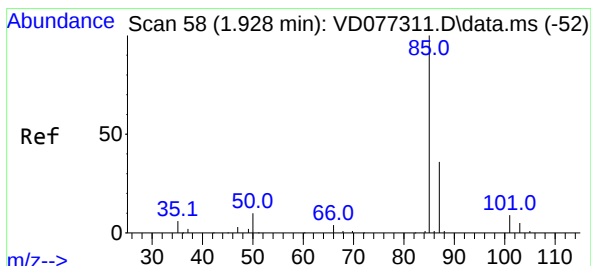
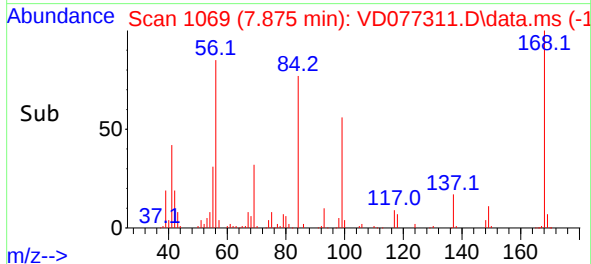
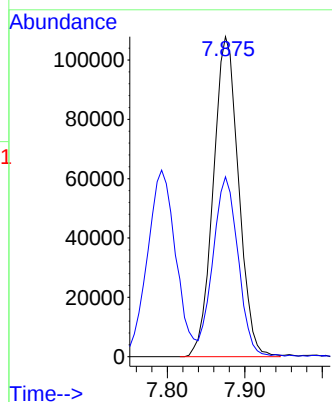
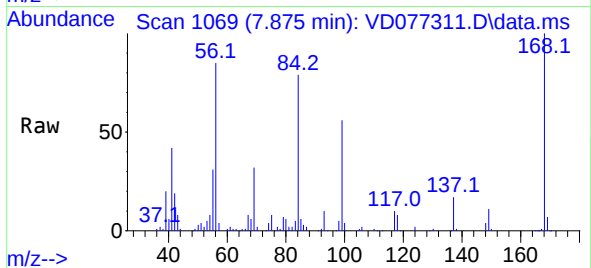




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077311.D
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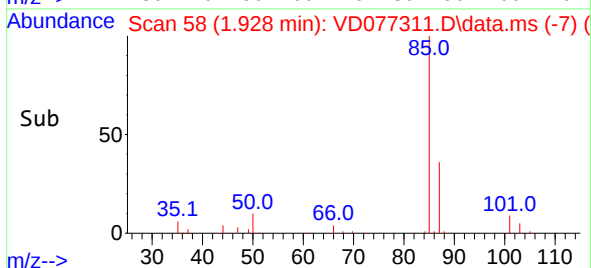
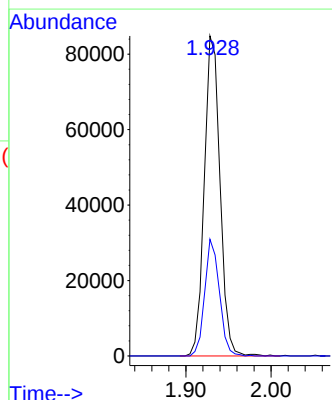
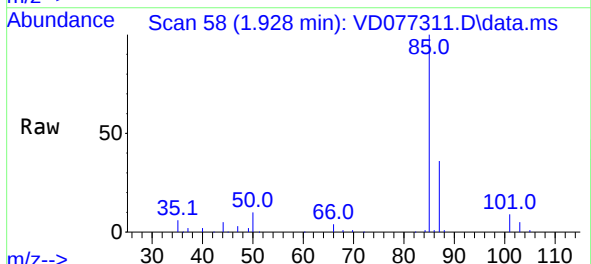
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 244665
Ion Ratio Lower Upper
168 100
99 55.7 36.7 55.1#

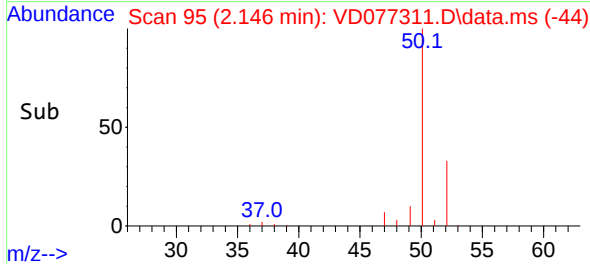
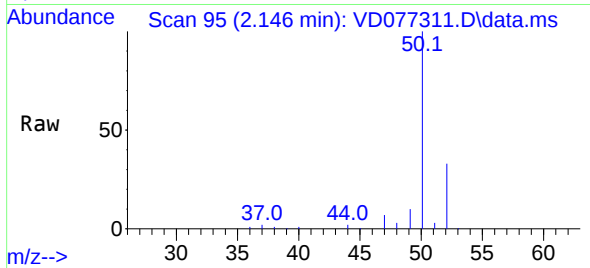
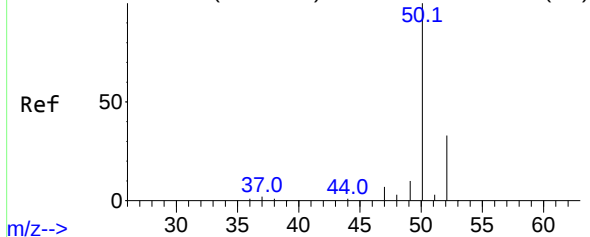


#2
Dichlorodifluoromethane
Concen: 47.848 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 85 Resp: 108747
Ion Ratio Lower Upper
85 100
87 36.4 15.7 47.0



Abundance Scan 95 (2.146 min): VD077311.D\data.ms (-88)



#3

Chloromethane

Concen: 53.284 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD077311.D

Acq: 11 Oct 2023 17:38

Instrument :

MSVOA_D

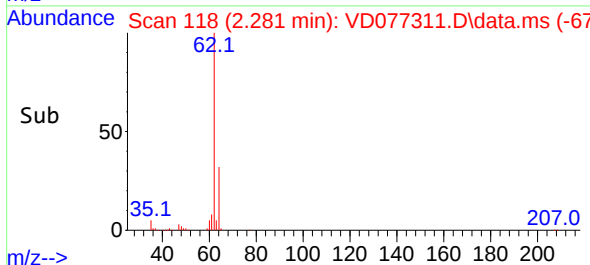
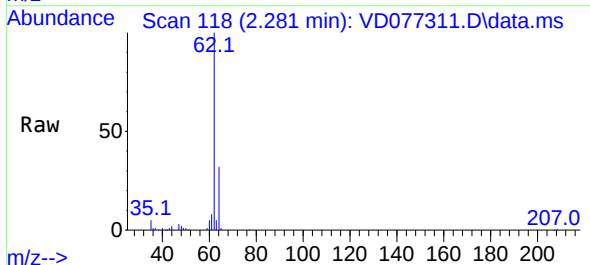
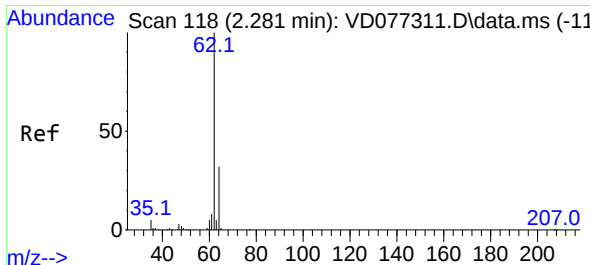
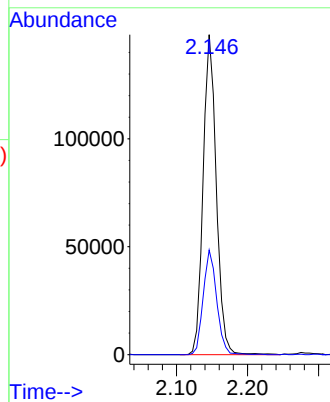
ClientSampleId :

Tgt Ion: 50 Resp: 191773

Ion Ratio Lower Upper

50 100

52 32.7 26.6 40.0



#4

Vinyl Chloride

Concen: 54.027 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD077311.D

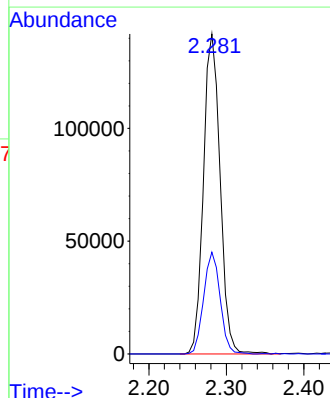
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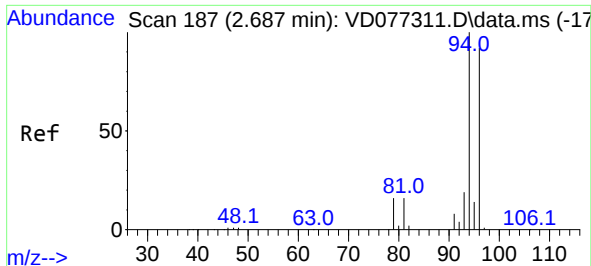
Tgt Ion: 62 Resp: 212137

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0

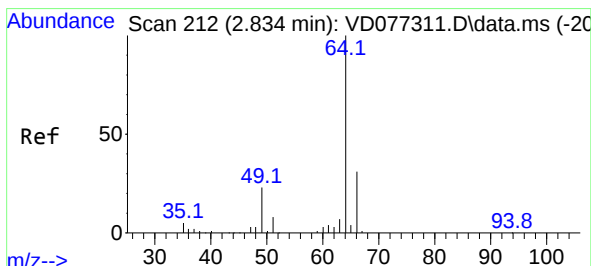
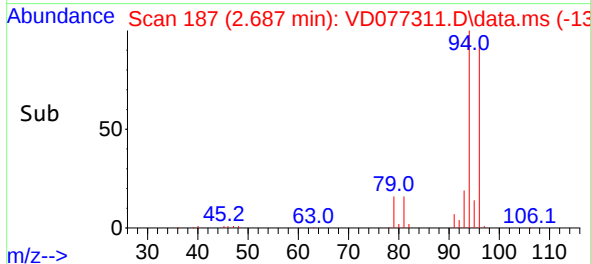
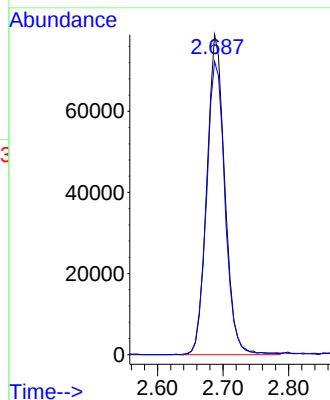
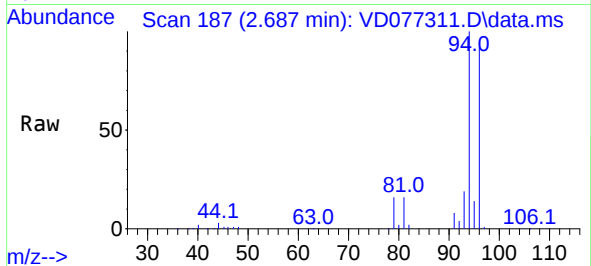




#5
Bromomethane
Concen: 54.428 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077311.D
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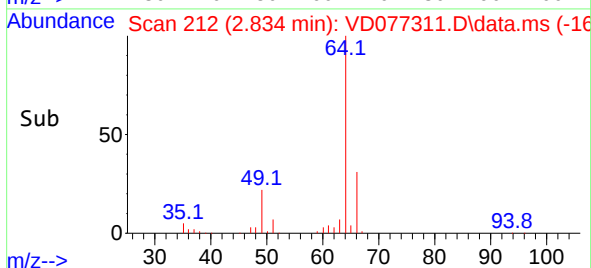
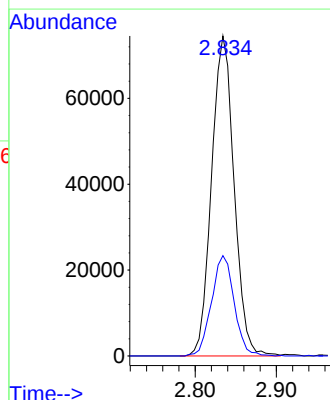
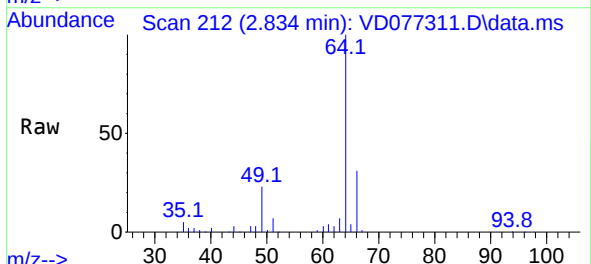
Instrument :
MSVOA_D
ClientSampleId :

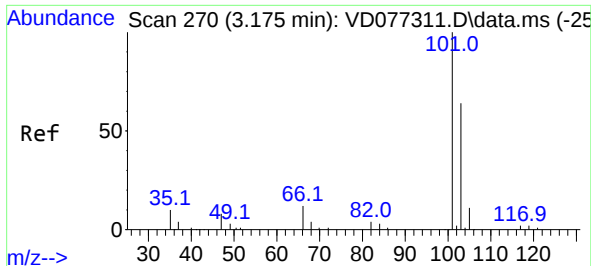
Tgt Ion: 94 Resp: 150296
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.8



#6
Chloroethane
Concen: 55.374 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077311.D
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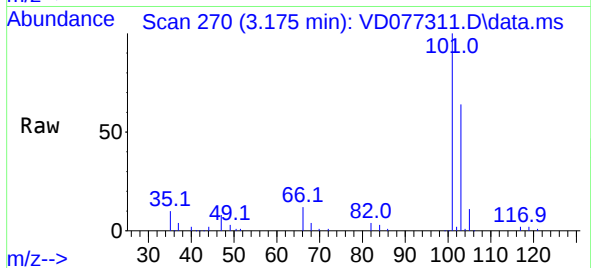
Tgt Ion: 64 Resp: 143532
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3



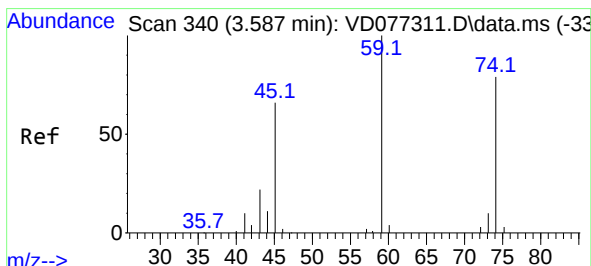
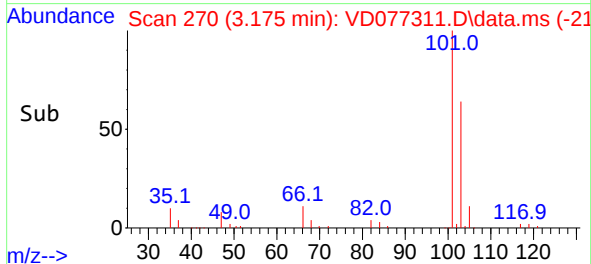
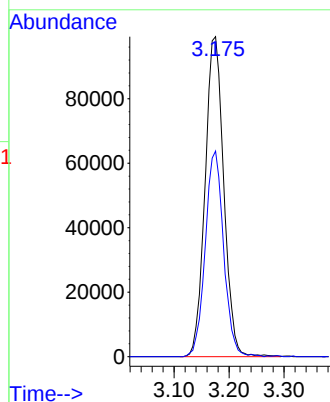


#7
 Trichlorofluoromethane
 Concen: 57.748 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077311.D
 Acq: 11 Oct 2023 17:38

Instrument :
 MSVOA_D
 ClientSampleId :

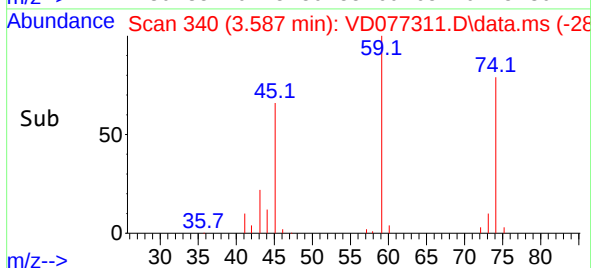
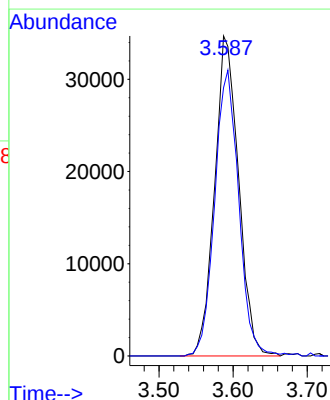
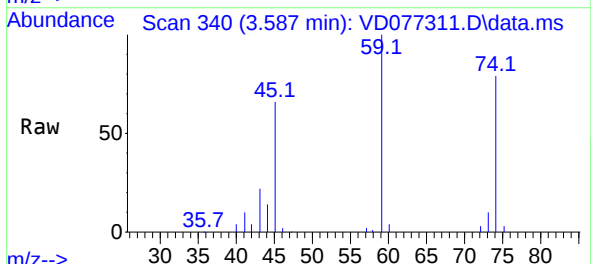


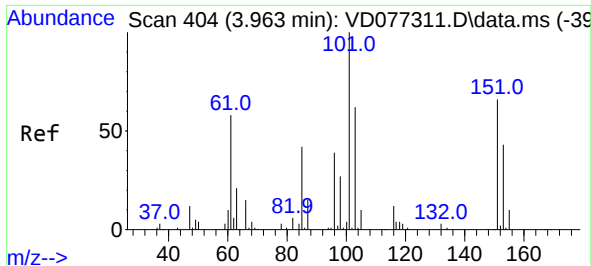
Tgt Ion:101 Resp: 234497
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 55.123 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD077311.D
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Tgt Ion: 74 Resp: 78014
 Ion Ratio Lower Upper
 74 100
 45 89.8 37.5 112.7



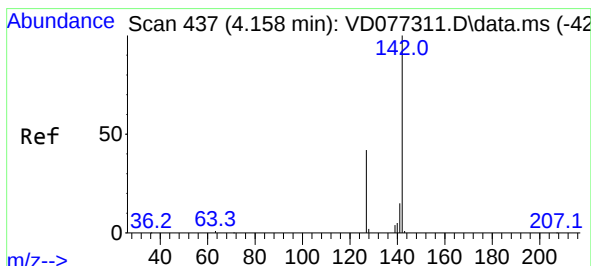
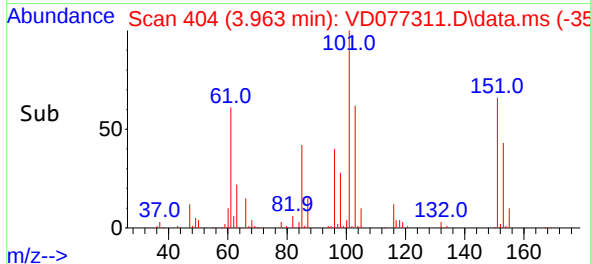
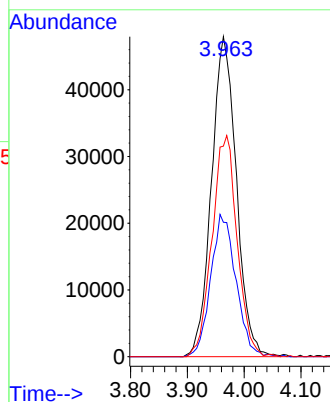
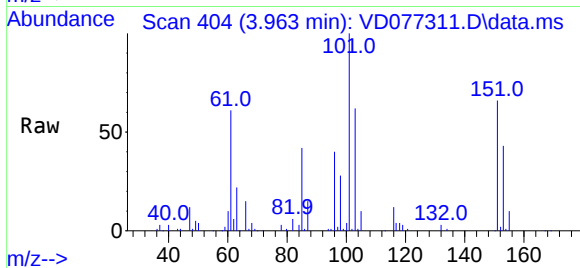


#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.929 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 145969

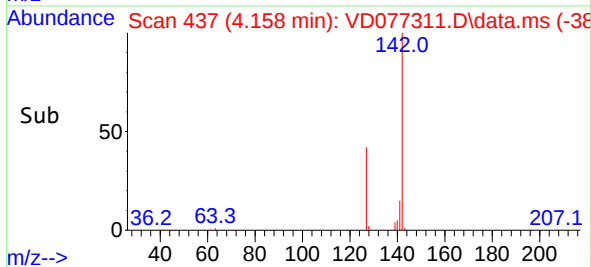
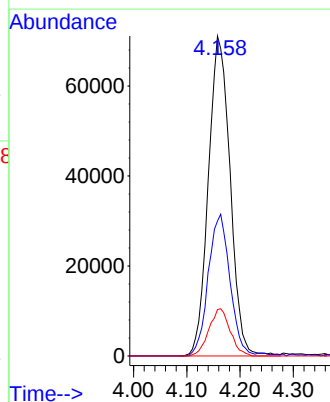
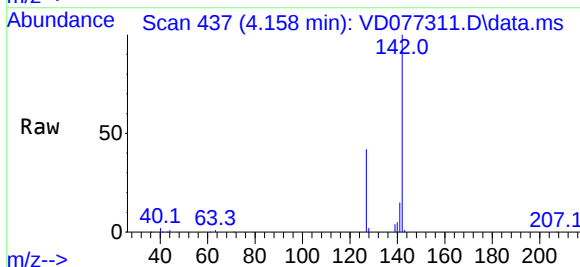
Ion	Ratio	Lower	Upper
101	100		
85	45.0	33.8	50.6
151	69.5	59.8	89.6

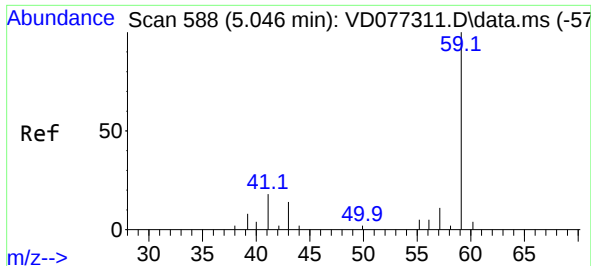


#10
Methyl Iodide
Concen: 55.849 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion:142 Resp: 201696

Ion	Ratio	Lower	Upper
142	100		
127	44.0	29.4	44.0
141	14.4	11.1	16.7

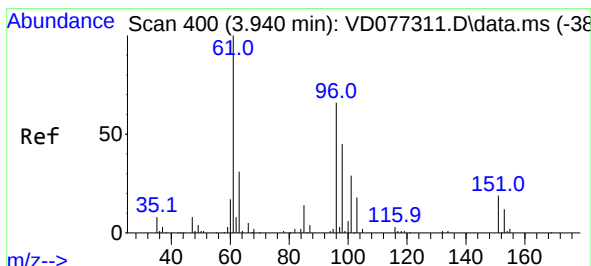
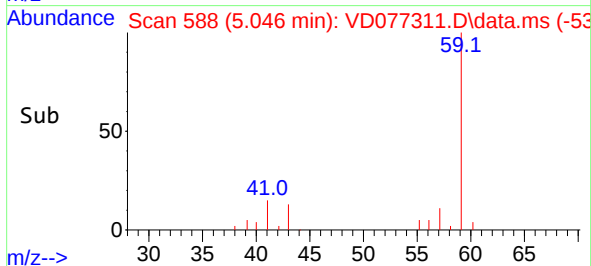
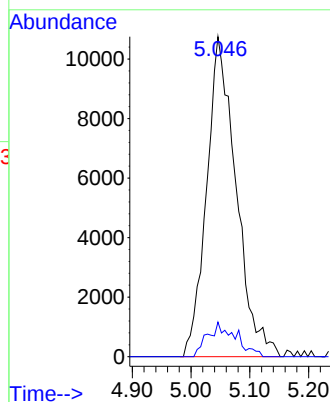
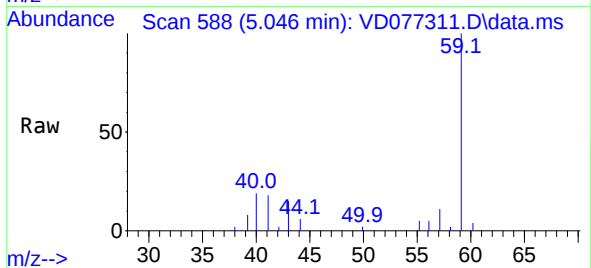




#11
Tert butyl alcohol
Concen: 252.593 ug/l
RT: 5.046 min Scan# 511
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

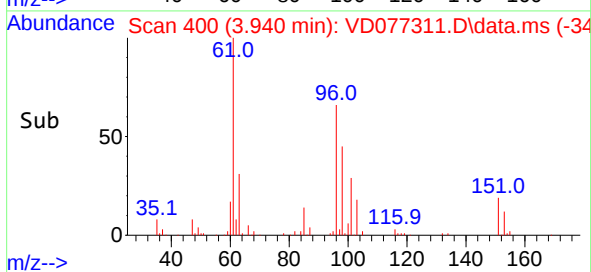
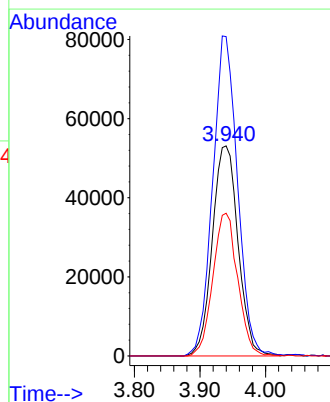
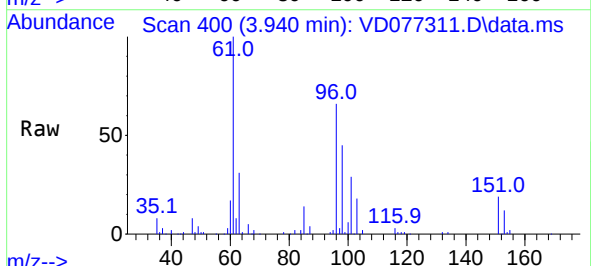
Instrument :
MSVOA_D
ClientSampleId :

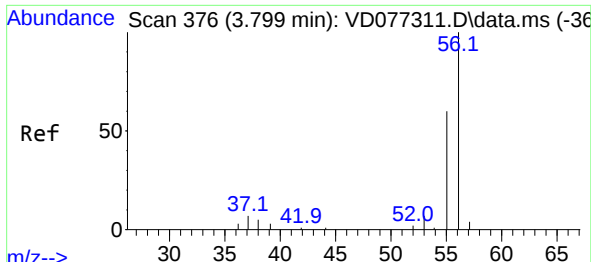
Tgt Ion: 59 Resp: 37424
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 51.336 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

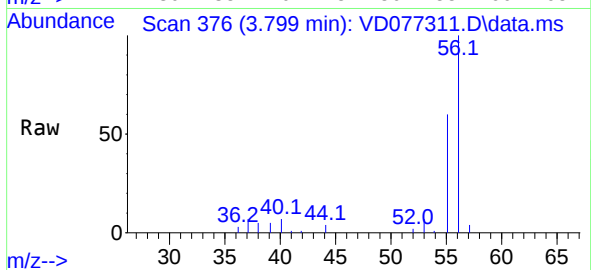
Tgt Ion: 96 Resp: 144921
Ion Ratio Lower Upper
96 100
61 152.1 100.6 150.8#
98 68.0 50.2 75.2



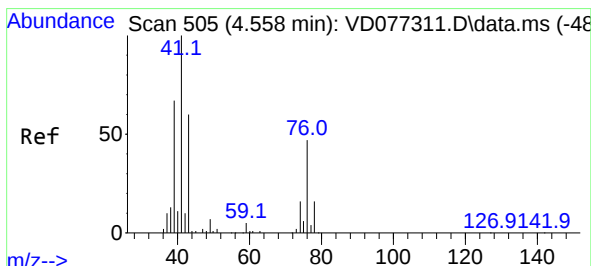
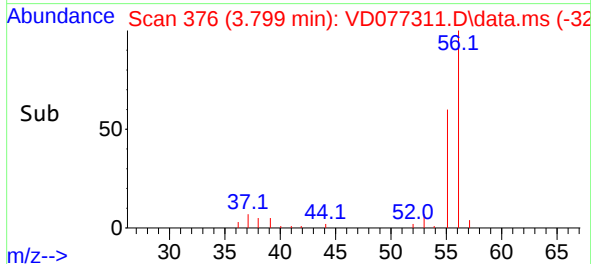
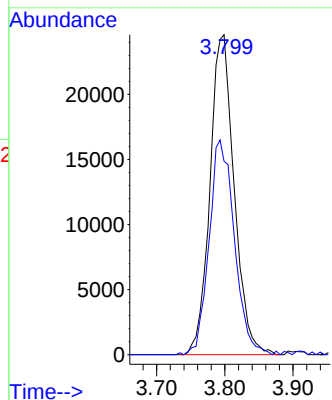


#13
Acrolein
Concen: 352.554 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :

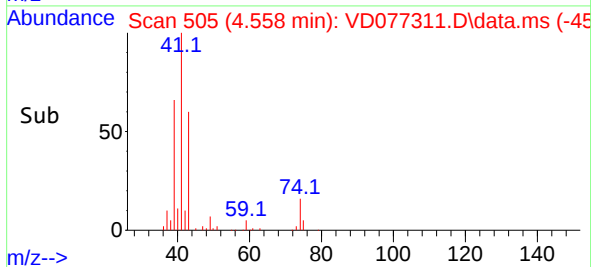
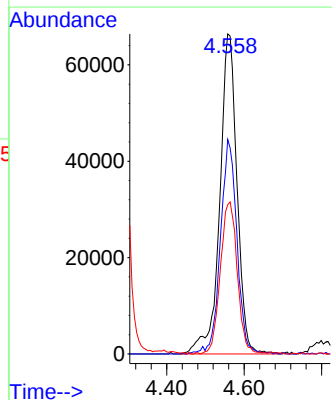
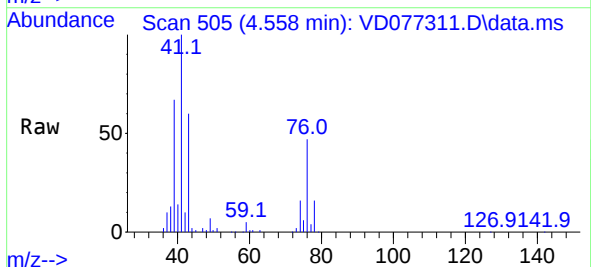


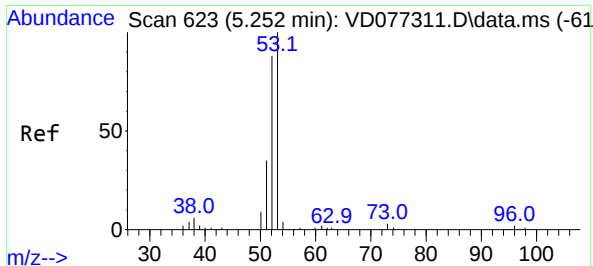
Tgt Ion: 56 Resp: 60910
Ion Ratio Lower Upper
56 100
55 69.9 55.1 82.7



#14
Allyl chloride
Concen: 53.018 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

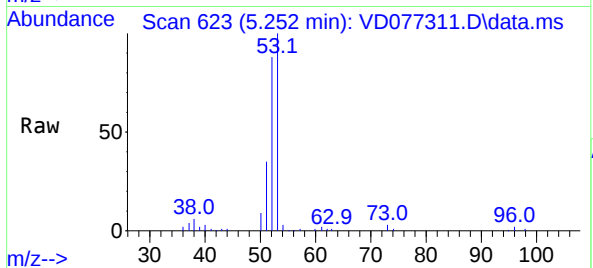
Tgt Ion: 41 Resp: 205811
Ion Ratio Lower Upper
41 100
39 63.8 53.8 80.6
76 46.6 45.8 68.8



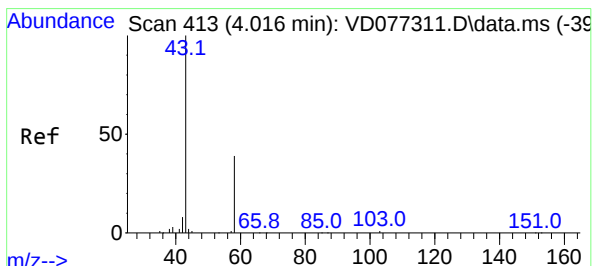
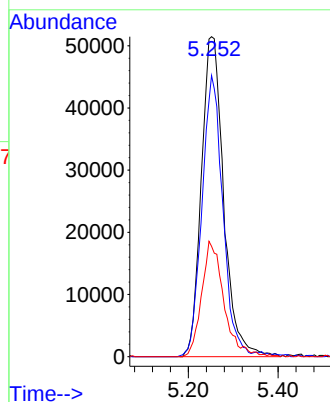
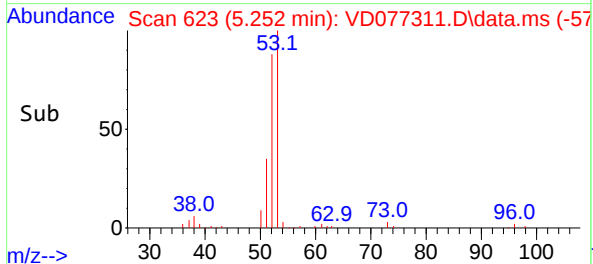


#15
Acrylonitrile
Concen: 255.017 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :

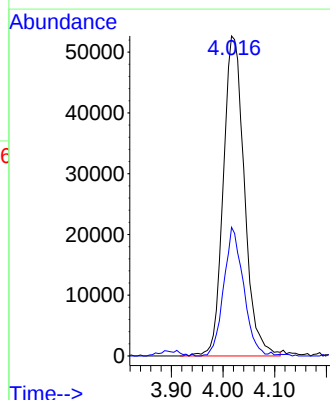
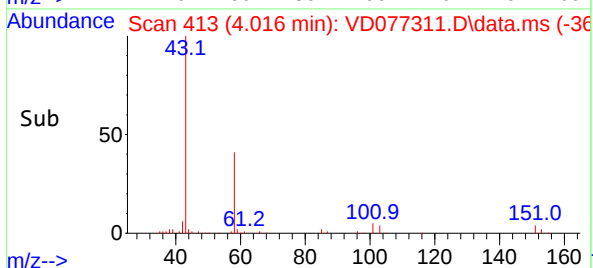
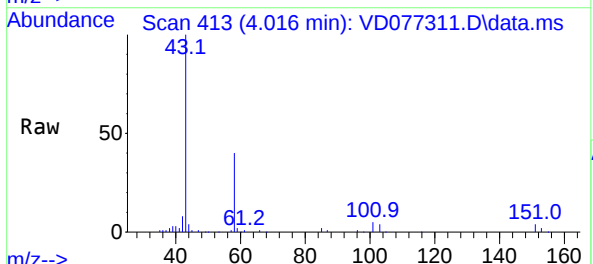


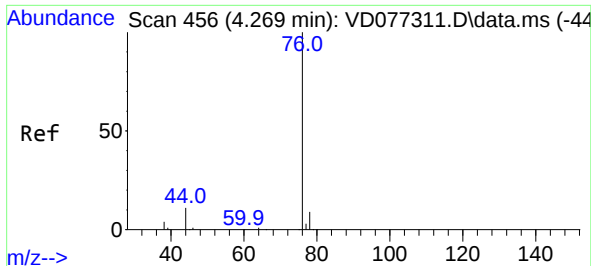
Tgt Ion: 53 Resp: 177662
Ion Ratio Lower Upper
53 100
52 82.0 65.0 97.4
51 36.0 28.3 42.5



#16
Acetone
Concen: 246.141 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 43 Resp: 149102
Ion Ratio Lower Upper
43 100
58 39.7 34.7 52.1

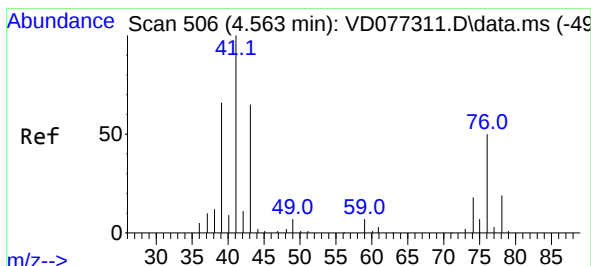
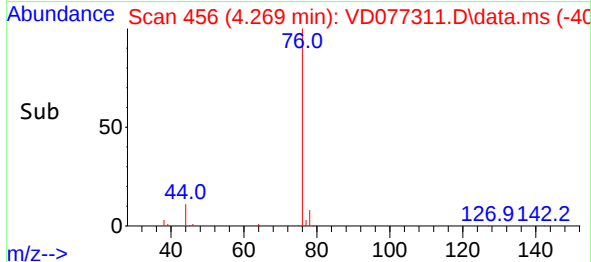
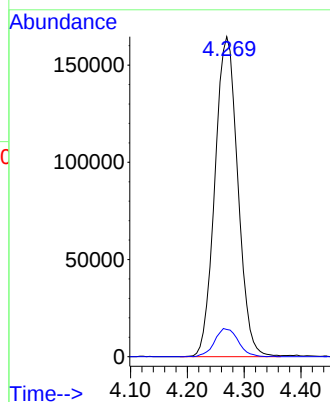
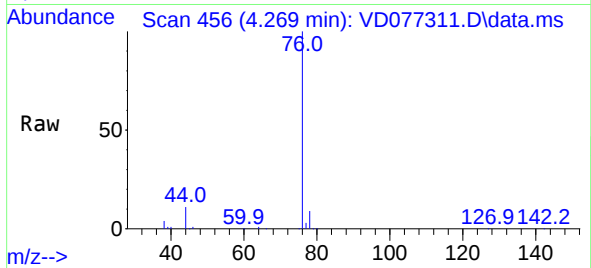




#17
Carbon Disulfide
Concen: 54.176 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

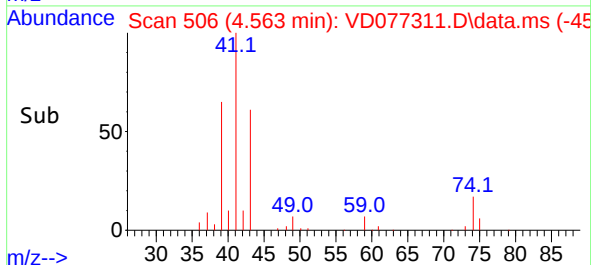
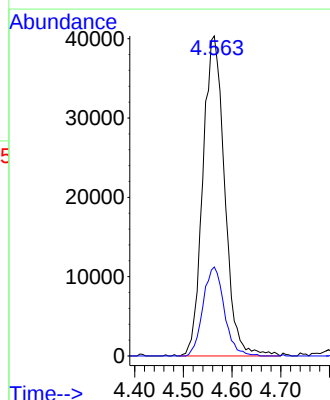
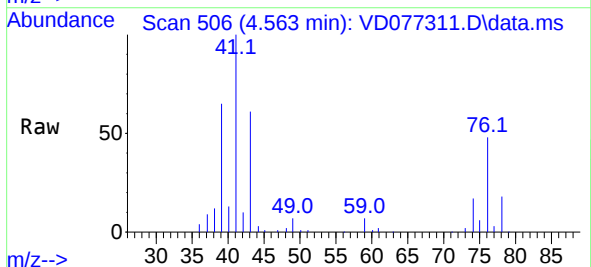
Instrument :
MSVOA_D
ClientSampleId :

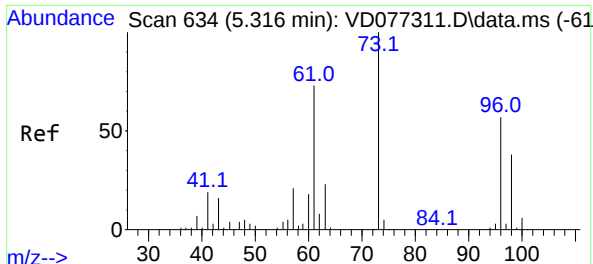
Tgt Ion: 76 Resp: 461540
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 51.994 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 43 Resp: 125194
Ion Ratio Lower Upper
43 100
74 27.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 53.662 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077311.D

Acq: 11 Oct 2023 17:38

Instrument :

MSVOA_D

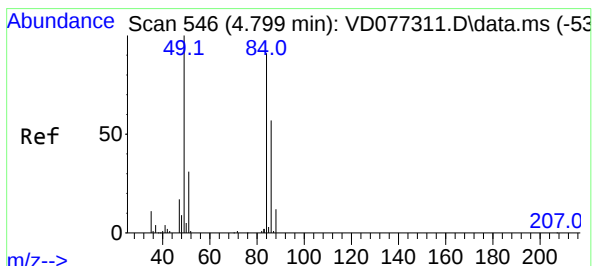
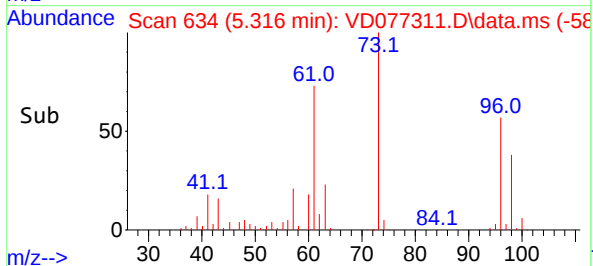
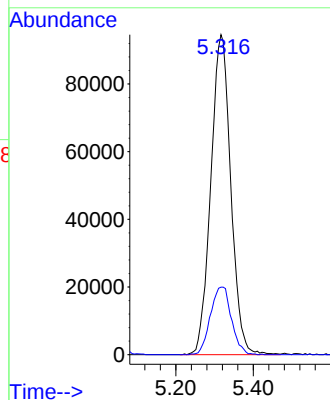
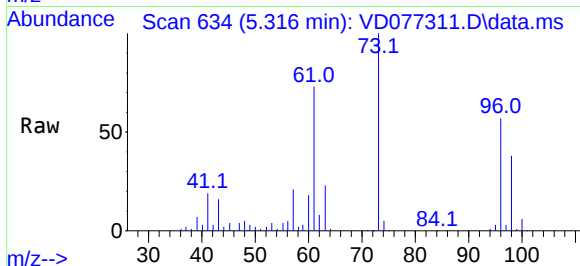
ClientSampleId :

Tgt Ion: 73 Resp: 338095

Ion Ratio Lower Upper

73 100

57 21.1 16.6 25.0



#20

Methylene Chloride

Concen: 48.010 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077311.D

Acq: 11 Oct 2023 17:38

Tgt Ion: 84 Resp: 210711

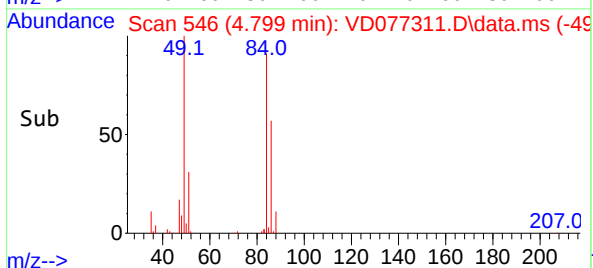
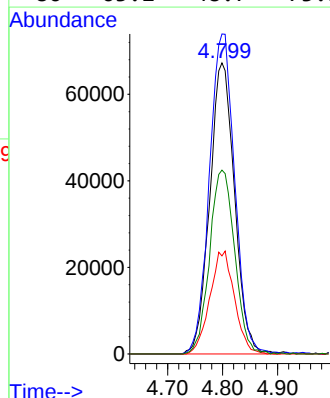
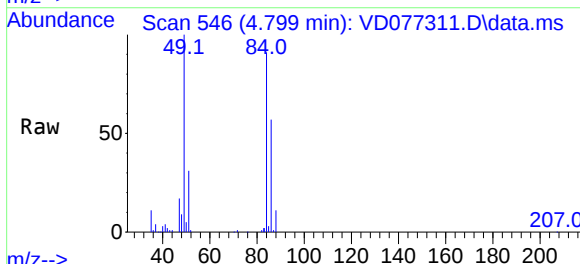
Ion Ratio Lower Upper

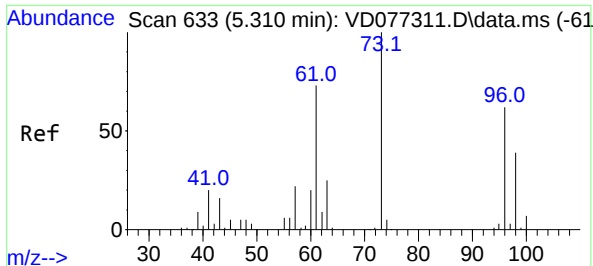
84 100

49 110.0 71.4 107.2#

51 33.7 24.5 36.7

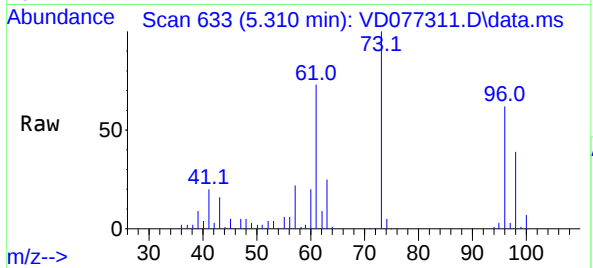
86 63.2 48.7 73.1





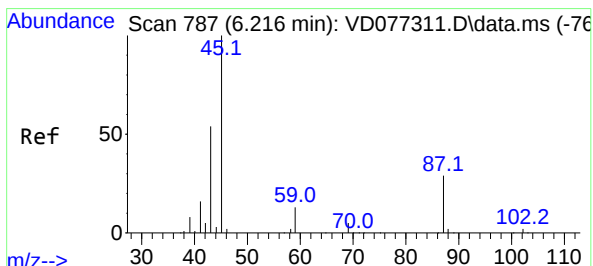
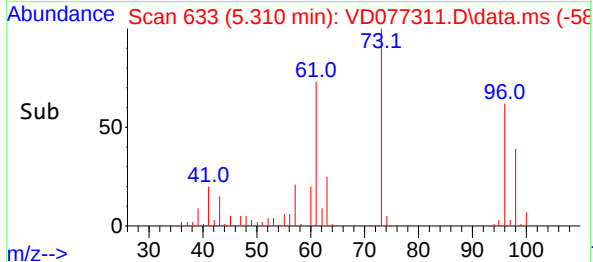
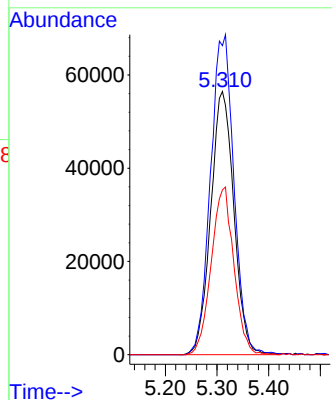
#21
trans-1,2-Dichloroethene
Concen: 52.191 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 175927

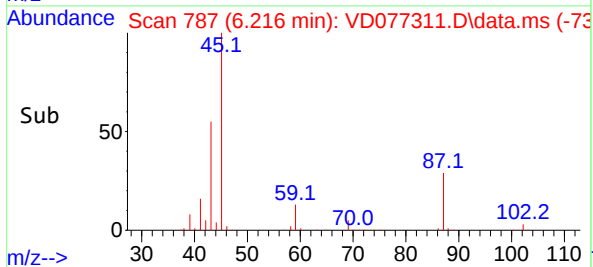
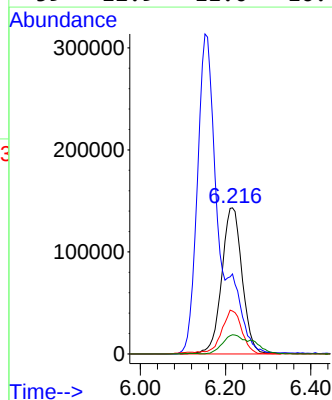
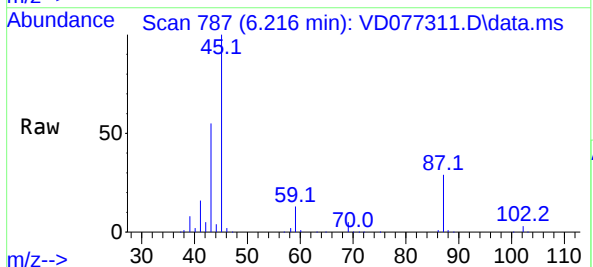
Ion	Ratio	Lower	Upper
96	100		
61	117.4	89.3	133.9
98	62.6	48.6	73.0

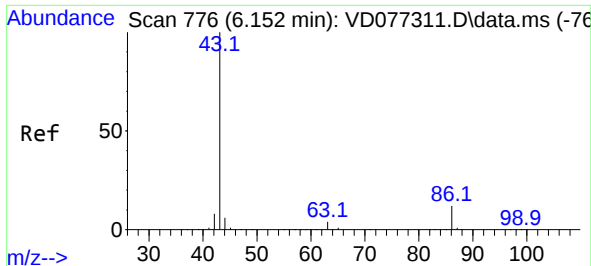


#22
Diisopropyl ether
Concen: 54.299 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 45 Resp: 477444

Ion	Ratio	Lower	Upper
45	100		
43	54.1	40.0	60.0
87	29.3	28.2	42.4
59	12.9	11.0	16.4

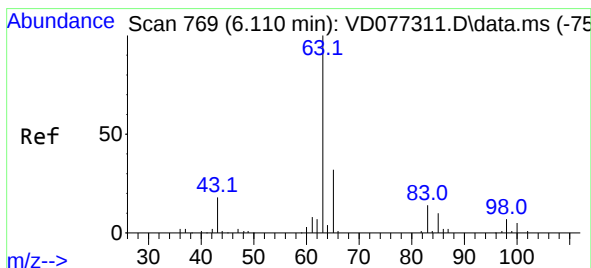
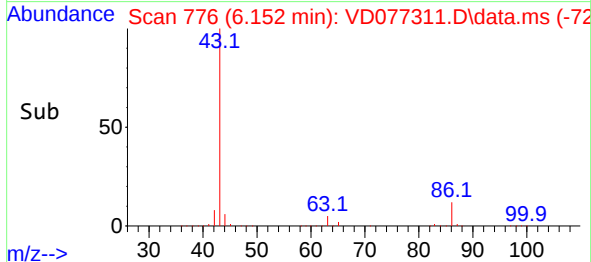
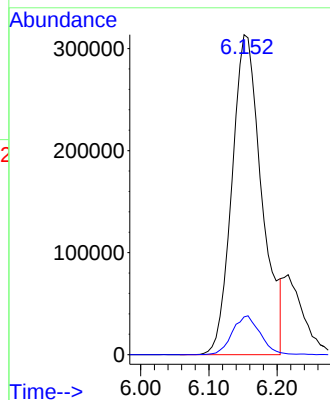
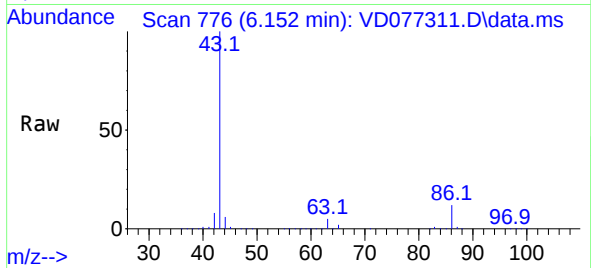




#23
 Vinyl Acetate
 Concen: 231.268 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077311.D
 Acq: 11 Oct 2023 17:38

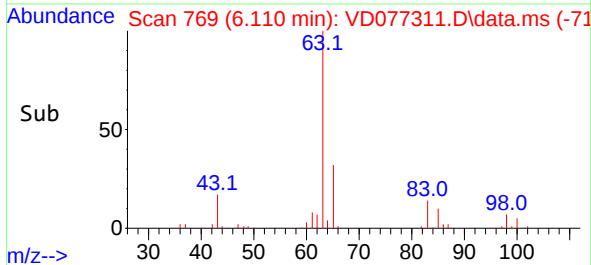
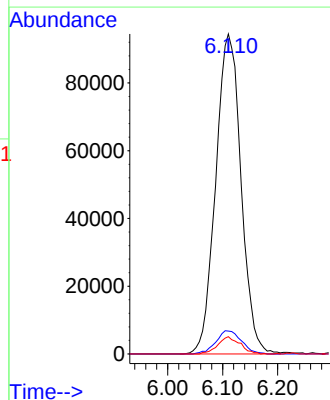
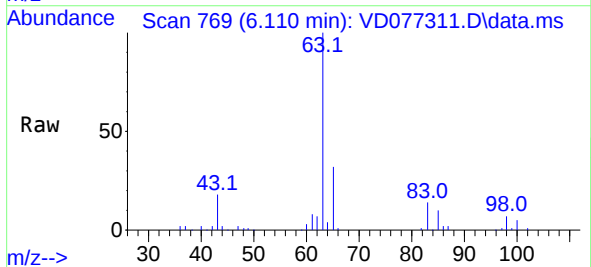
Instrument :
 MSVOA_D
 ClientSampleId :

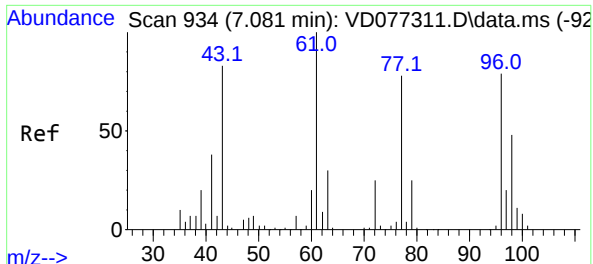
Tgt Ion: 43 Resp: 952991
 Ion Ratio Lower Upper
 43 100
 86 11.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 51.671 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077311.D
 Acq: 11 Oct 2023 17:38

Tgt Ion: 63 Resp: 302112
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 5.4 2.5 7.5

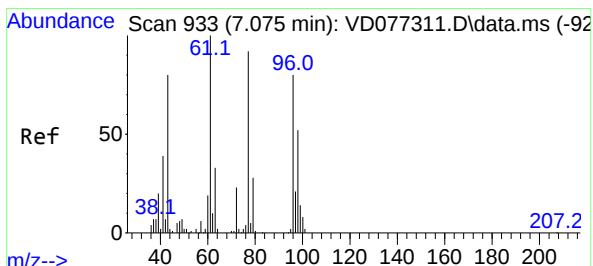
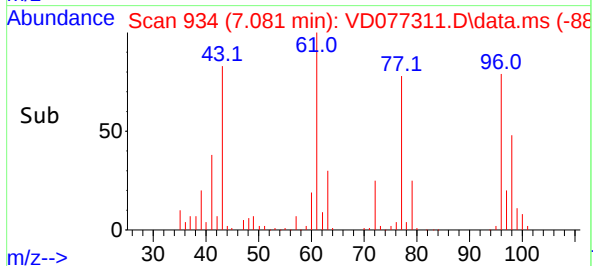
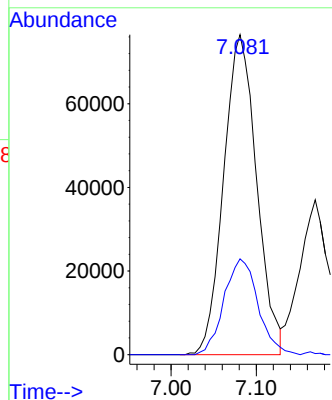
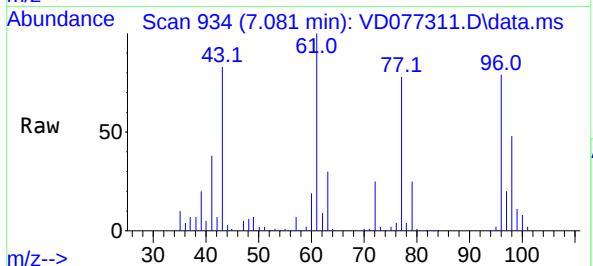




#25
2-Butanone
Concen: 255.408 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

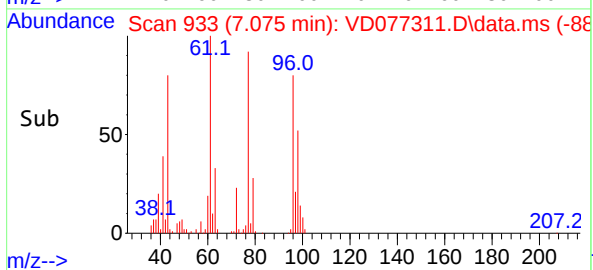
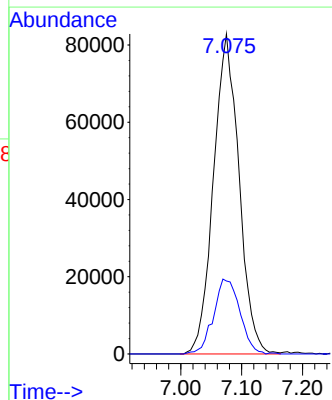
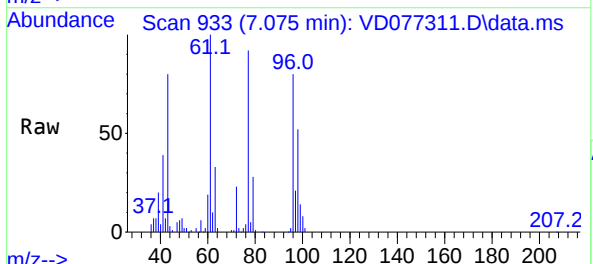
Instrument :
MSVOA_D
ClientSampleId :

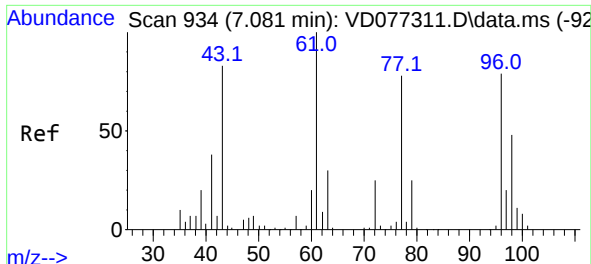
Tgt Ion: 43 Resp: 206103
Ion Ratio Lower Upper
43 100
72 29.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 51.254 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 77 Resp: 240965
Ion Ratio Lower Upper
77 100
97 24.2 13.2 39.6

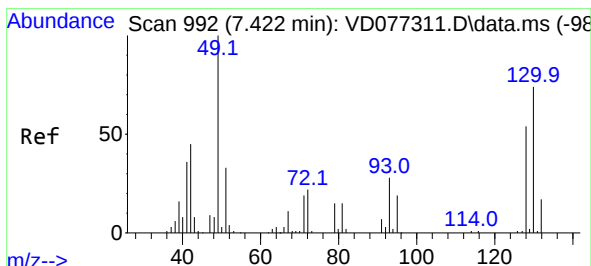
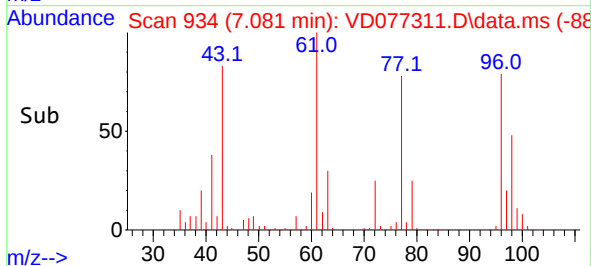
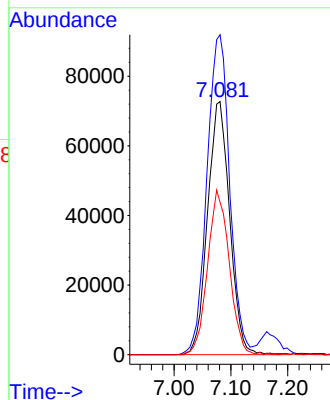
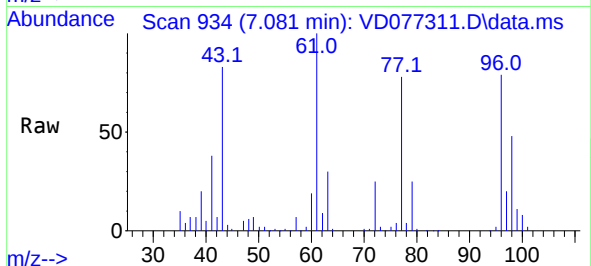




#27
 cis-1,2-Dichloroethene
 Concen: 51.959 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077311.D
 Acq: 11 Oct 2023 17:38

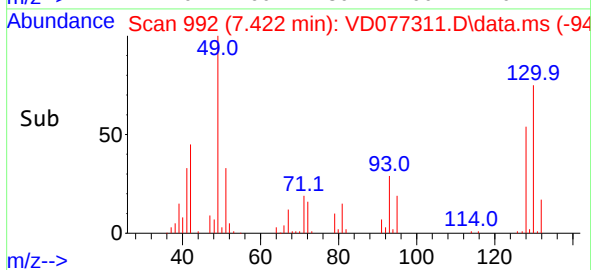
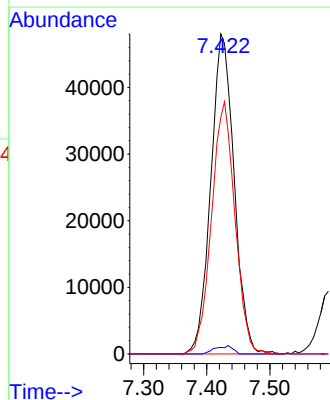
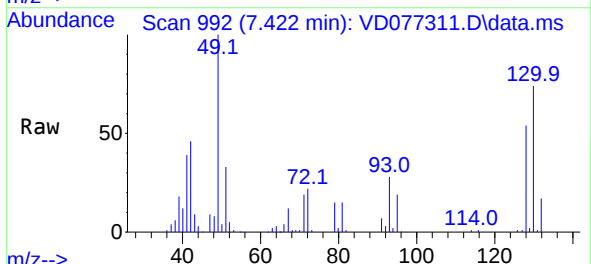
Instrument :
 MSVOA_D
 ClientSampleId :

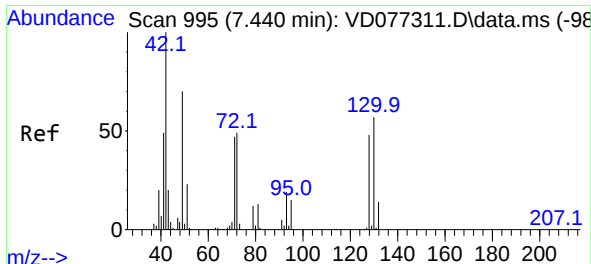
Tgt Ion: 96 Resp: 196056
 Ion Ratio Lower Upper
 96 100
 61 130.0 0.0 239.2
 98 63.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 53.212 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077311.D
 Acq: 11 Oct 2023 17:38

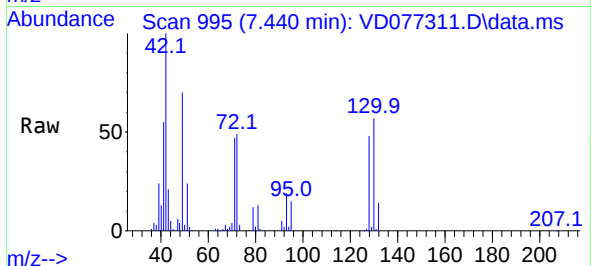
Tgt Ion: 49 Resp: 123142
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 6.0
 130 79.3 83.2 124.8#



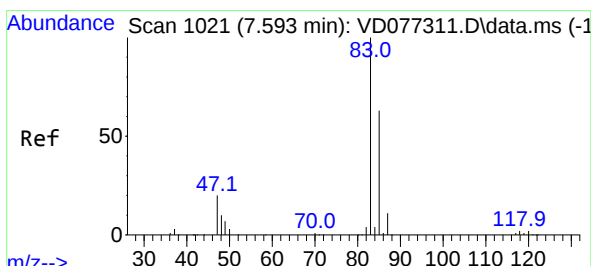
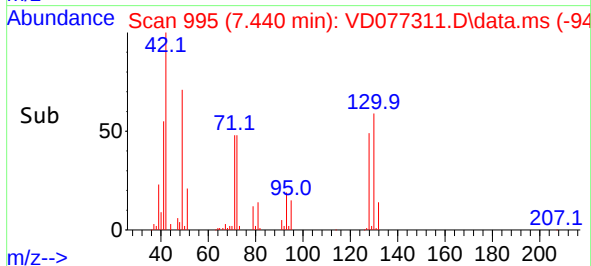
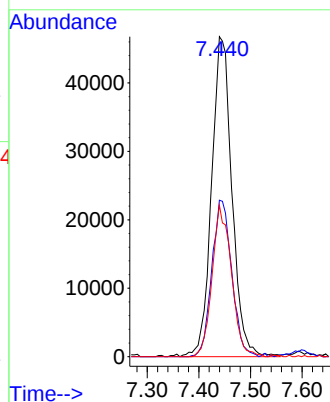


#29
Tetrahydrofuran
Concen: 265.950 ug/l
RT: 7.440 min Scan# 995
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :

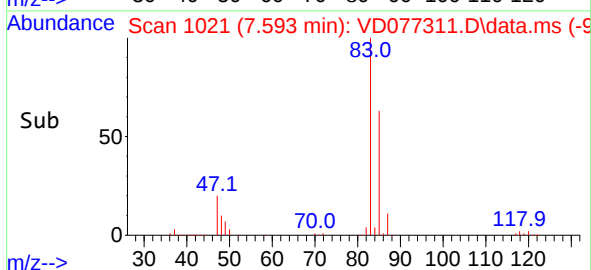
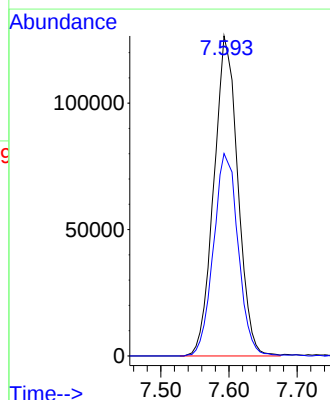
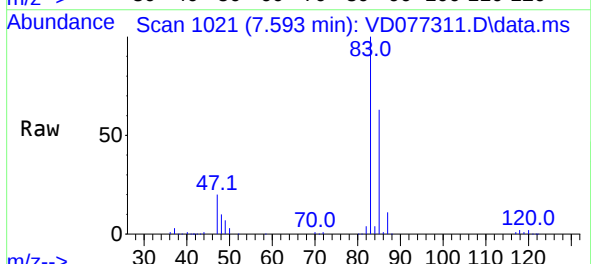


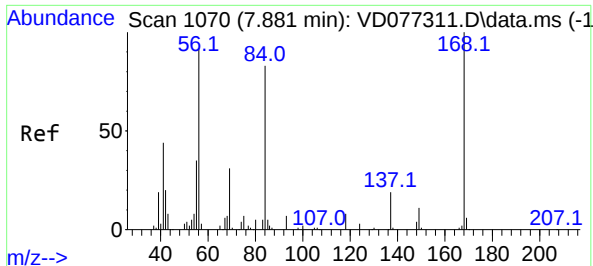
Tgt Ion: 42 Resp: 128037
Ion Ratio Lower Upper
42 100
72 47.7 46.5 69.7
71 44.8 44.5 66.7



#30
Chloroform
Concen: 51.743 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 83 Resp: 310003
Ion Ratio Lower Upper
83 100
85 63.2 53.4 80.2





#31

Cyclohexane

Concen: 50.449 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD077311.D

Acq: 11 Oct 2023 17:38

Instrument :

MSVOA_D

ClientSampleId :

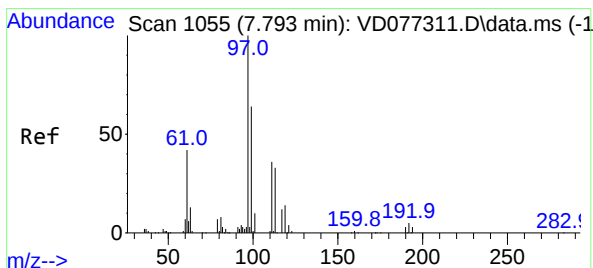
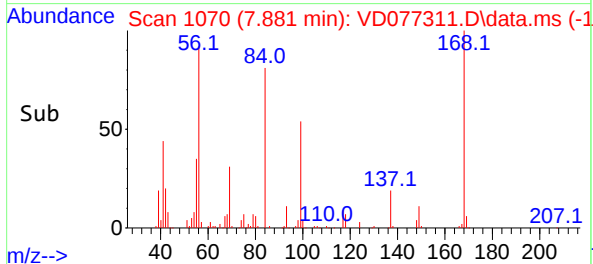
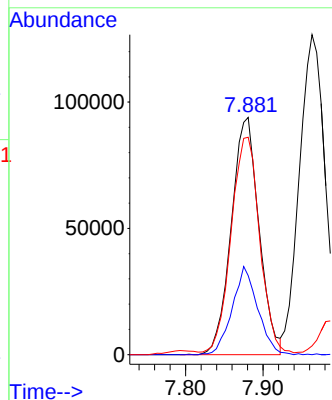
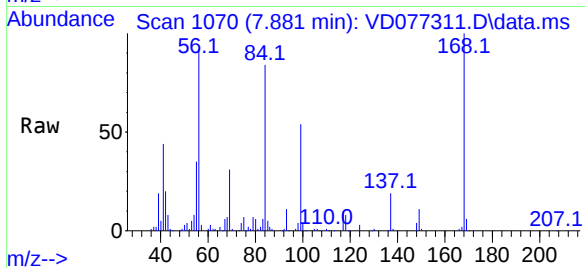
Tgt Ion: 56 Resp: 234528

Ion Ratio Lower Upper

56 100

69 33.3 28.6 43.0

84 89.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 51.192 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD077311.D

Acq: 11 Oct 2023 17:38

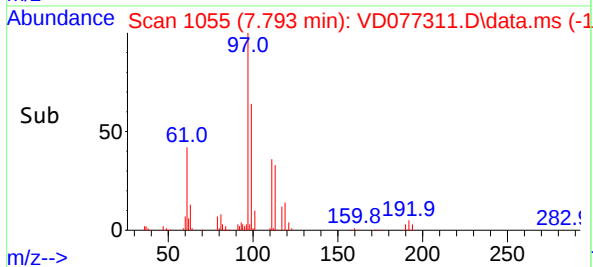
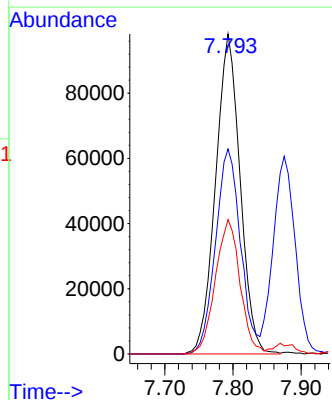
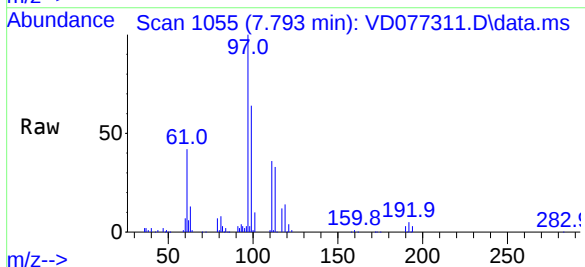
Tgt Ion: 97 Resp: 245937

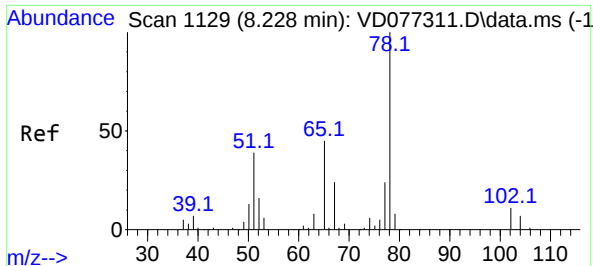
Ion Ratio Lower Upper

97 100

99 65.7 52.0 78.0

61 42.2 33.8 50.8

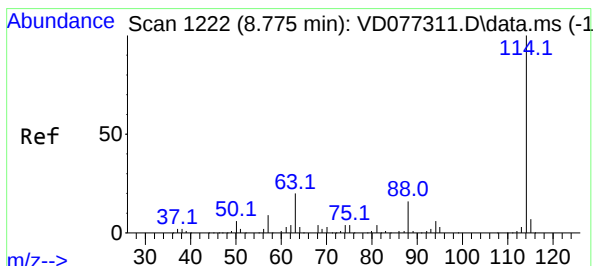
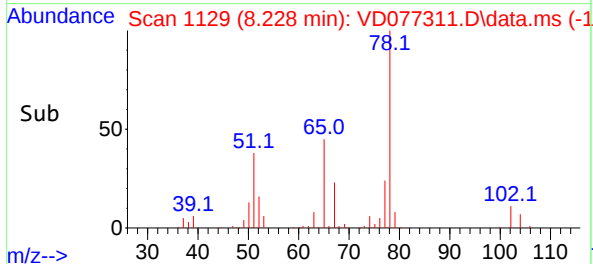
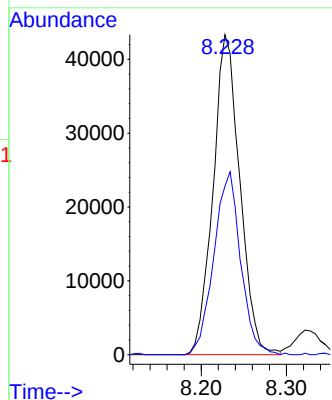
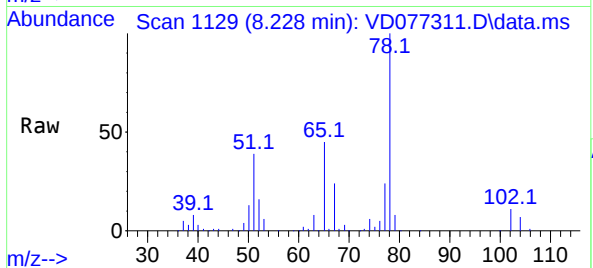




#33
1,2-Dichloroethane-d4
Concen: 48.289 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

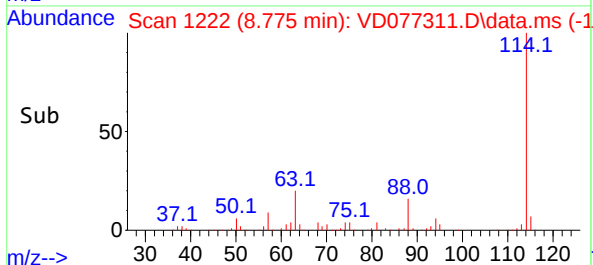
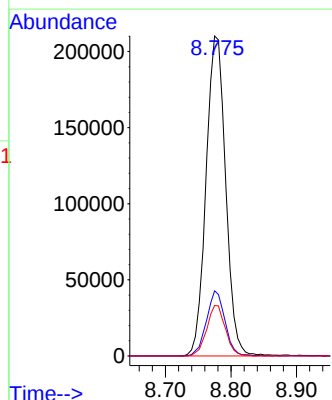
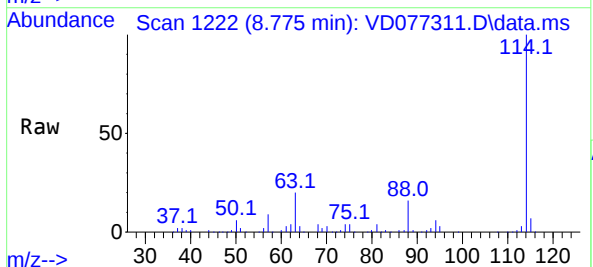
Instrument :
MSVOA_D
ClientSampleId :

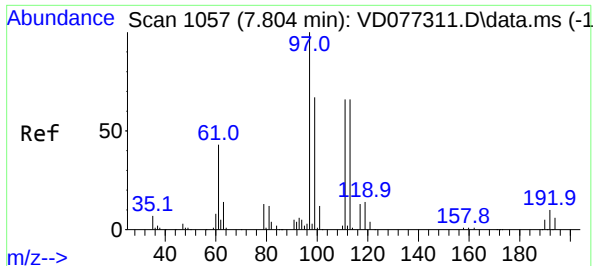
Tgt Ion: 65 Resp: 94527
Ion Ratio Lower Upper
65 100
67 57.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

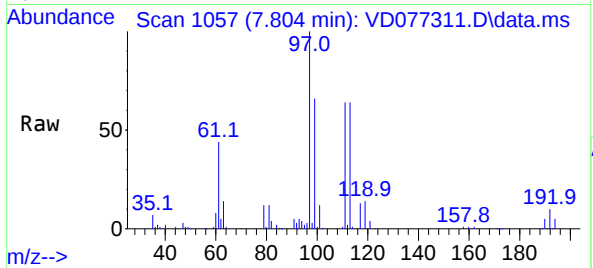
Tgt Ion: 114 Resp: 437450
Ion Ratio Lower Upper
114 100
63 20.3 0.0 33.4
88 15.8 0.0 26.2



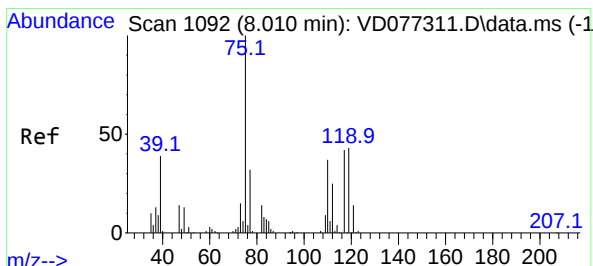
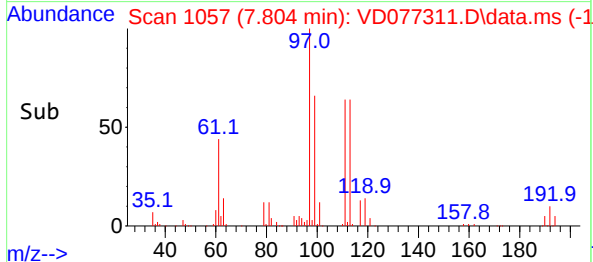
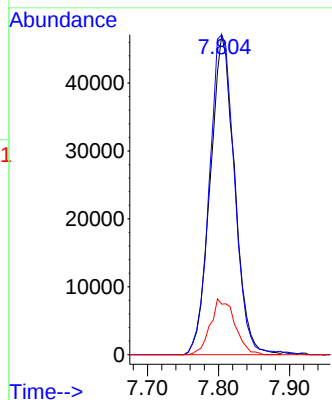


#35
Dibromofluoromethane
Concen: 48.310 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :

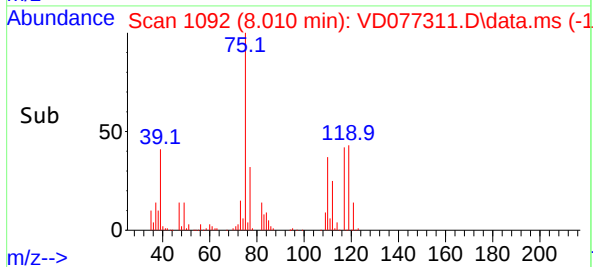
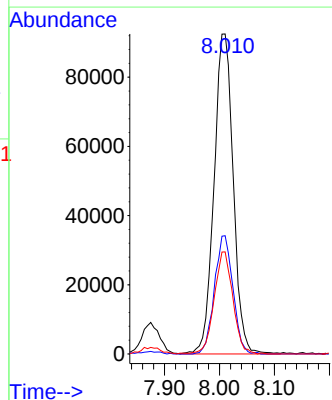
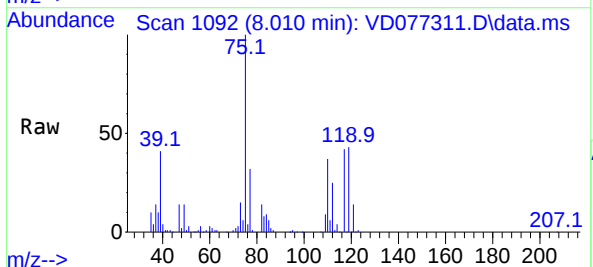


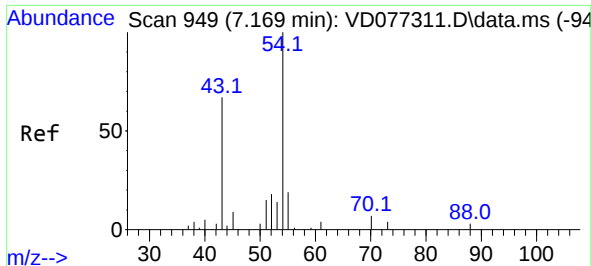
Tgt Ion:113 Resp: 112268
Ion Ratio Lower Upper
113 100
111 103.2 84.7 127.1
192 17.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 53.313 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 75 Resp: 224594
Ion Ratio Lower Upper
75 100
110 35.6 19.9 59.6
77 31.1 24.7 37.1



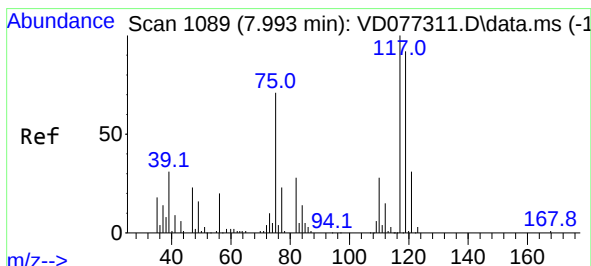
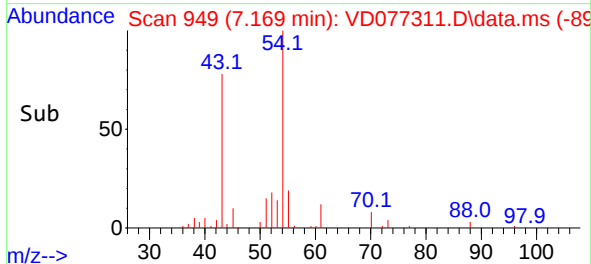
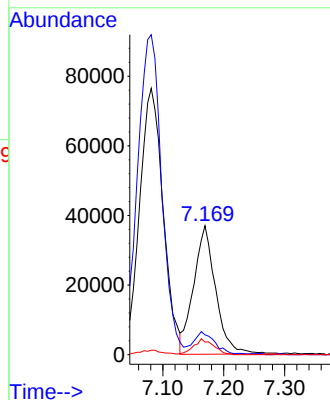
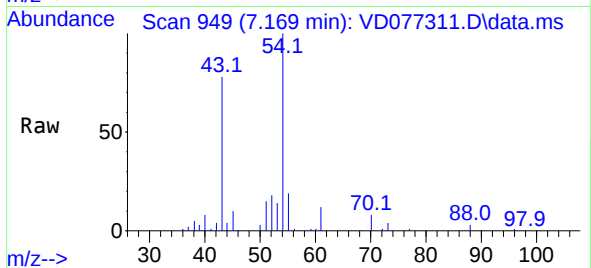


#37
Ethyl Acetate
Concen: 52.643 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 93041

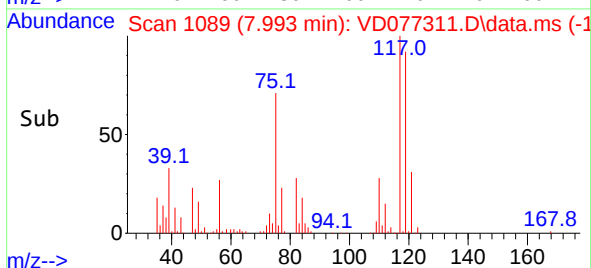
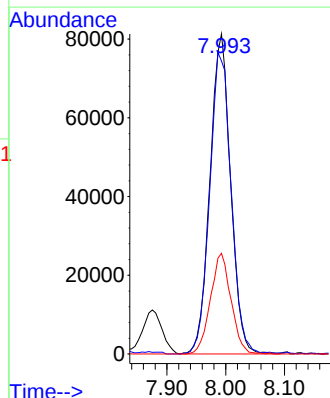
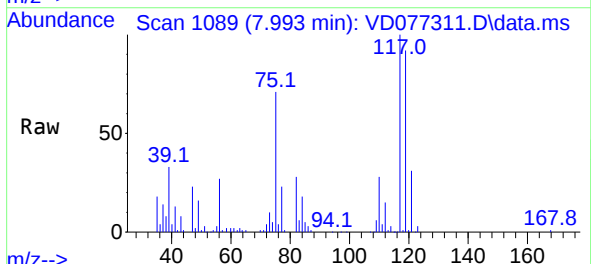
Ion	Ratio	Lower	Upper
43	100		
61	15.9	14.9	22.3
70	11.0	10.0	15.0

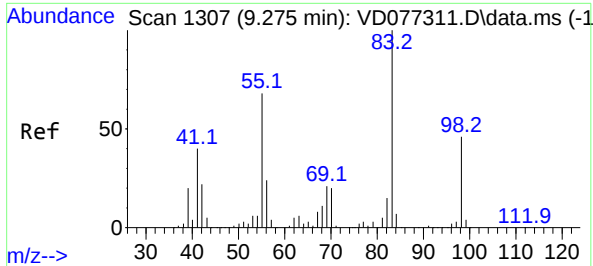


#38
Carbon Tetrachloride
Concen: 51.946 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 117 Resp: 198513

Ion	Ratio	Lower	Upper
117	100		
119	91.6	78.0	117.0
121	31.4	24.2	36.2

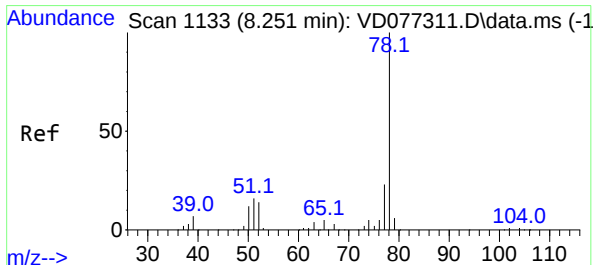
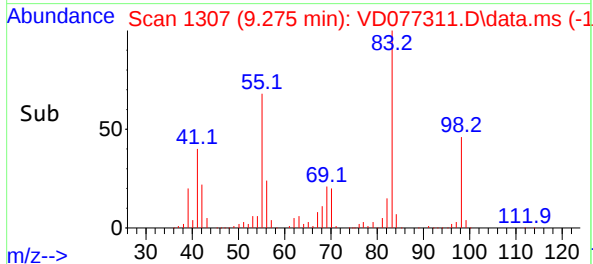
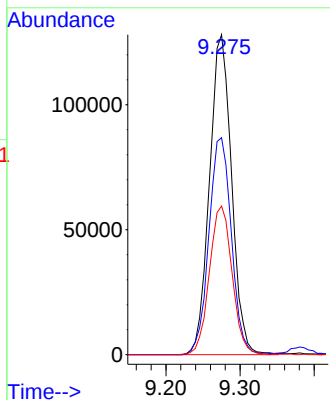
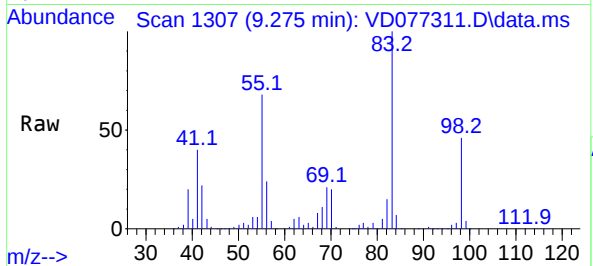




#39
Methylcyclohexane
Concen: 55.795 ug/l
RT: 9.275 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

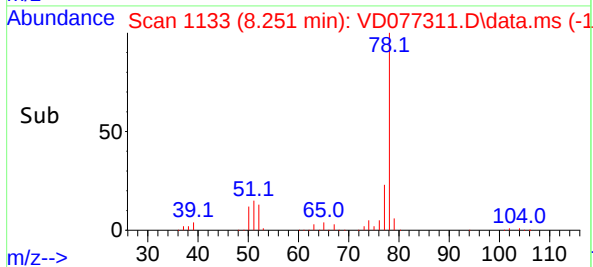
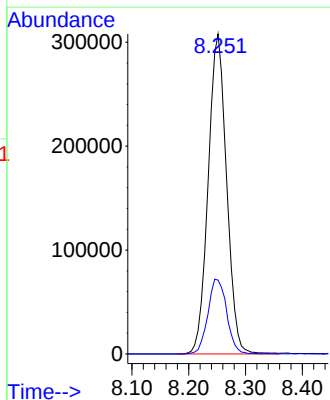
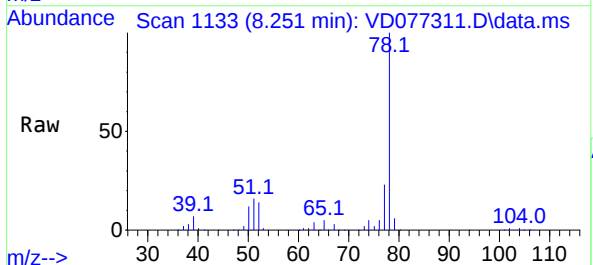
Instrument :
MSVOA_D
ClientSampleId :

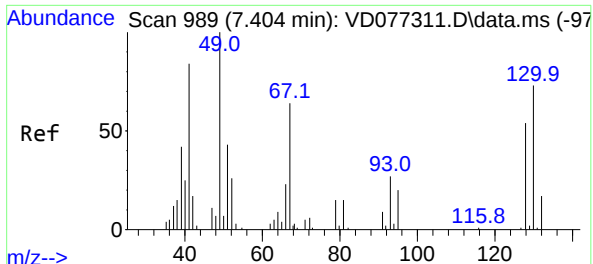
Tgt Ion: 83 Resp: 264895
Ion Ratio Lower Upper
83 100
55 67.8 49.4 74.0
98 46.5 38.4 57.6



#40
Benzene
Concen: 53.251 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 78 Resp: 692131
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0

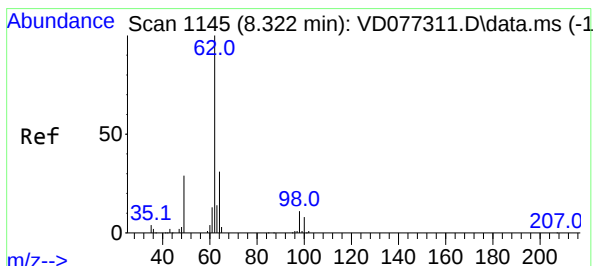
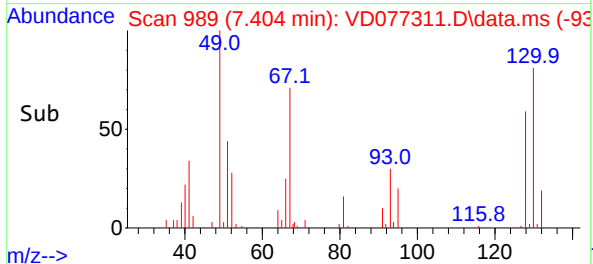
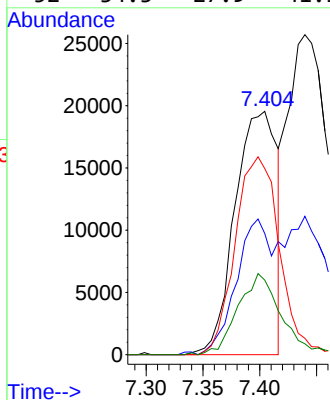
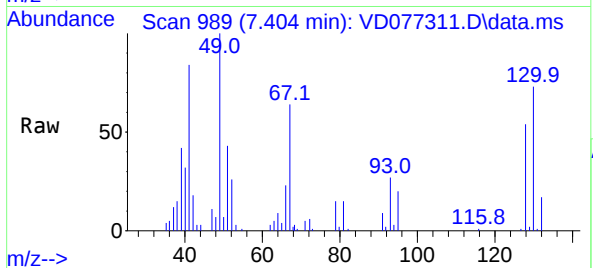




#41
Methacrylonitrile
Concen: 52.538 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

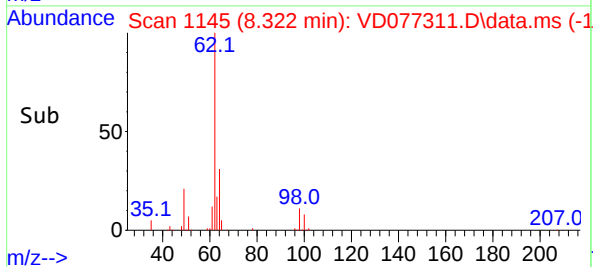
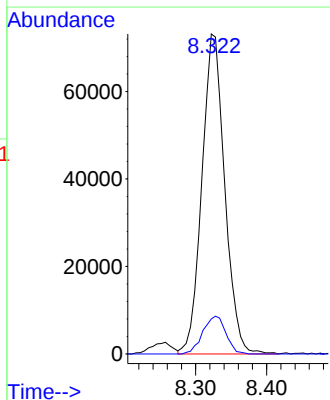
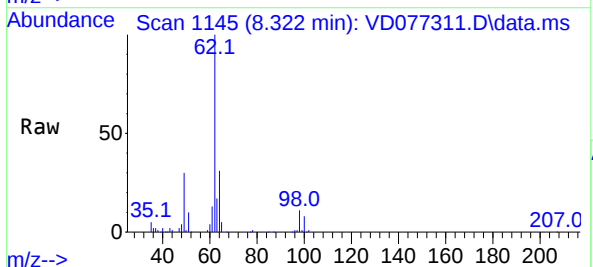
Instrument :
MSVOA_D
ClientSampleId :

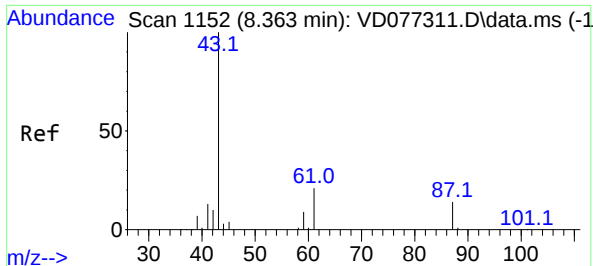
Tgt Ion: 41 Resp: 50154
Ion Ratio Lower Upper
41 100
39 45.3 34.0 51.0
67 86.0 77.0 115.4
52 34.3 27.9 41.9



#42
1,2-Dichloroethane
Concen: 52.384 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 62 Resp: 163655
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4

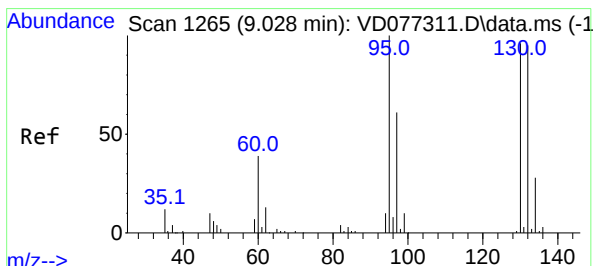
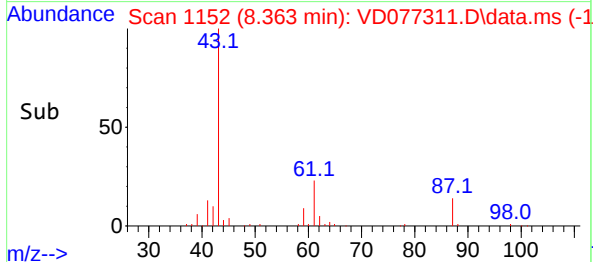
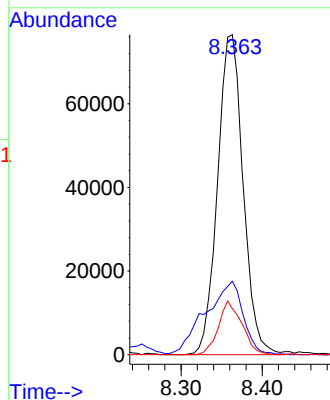
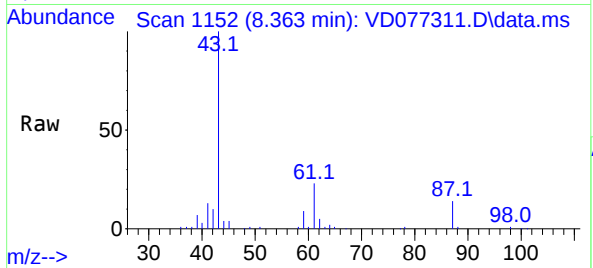




#43
Isopropyl Acetate
Concen: 53.515 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

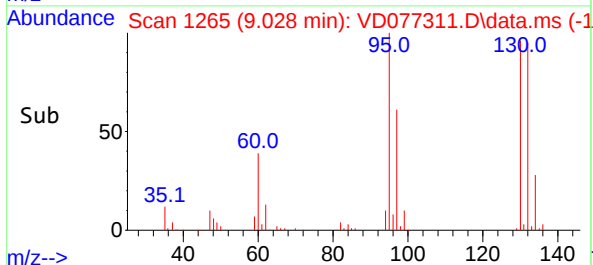
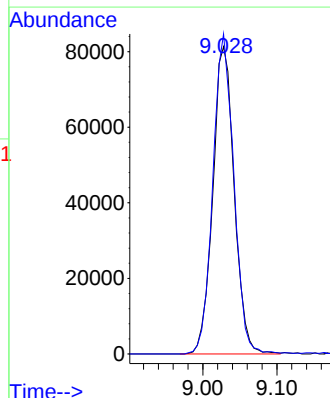
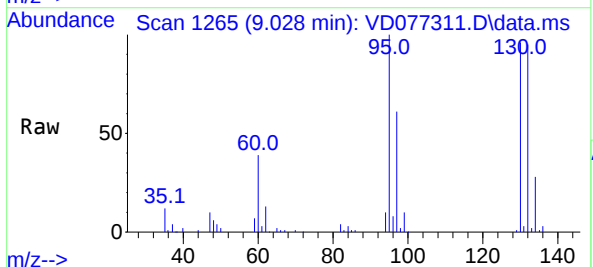
Instrument :
MSVOA_D
ClientSampleId :

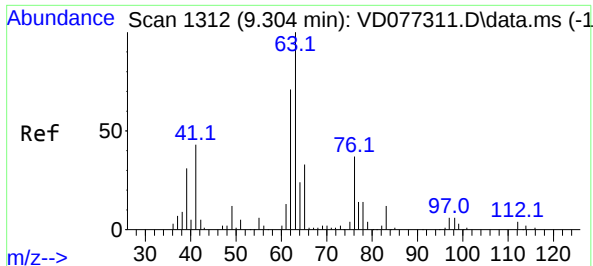
Tgt Ion: 43 Resp: 167611
Ion Ratio Lower Upper
43 100
61 34.0 31.4 47.0
87 15.4 14.9 22.3



#44
Trichloroethene
Concen: 51.183 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion:130 Resp: 163019
Ion Ratio Lower Upper
130 100
95 104.2 0.0 179.2

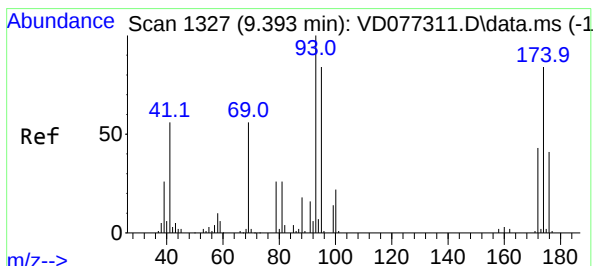
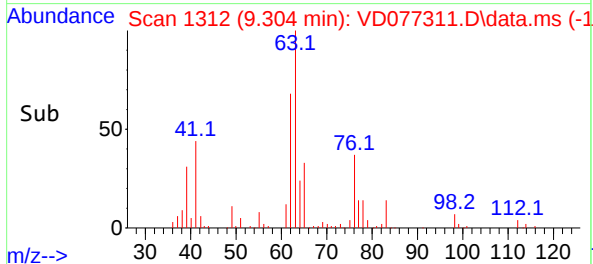
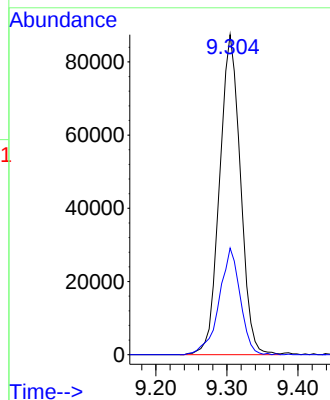
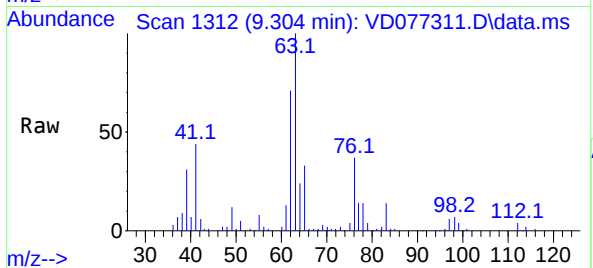




#45
1,2-Dichloropropane
Concen: 53.205 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

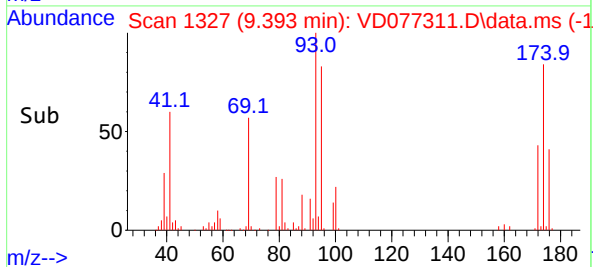
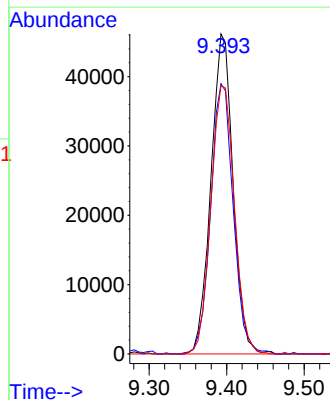
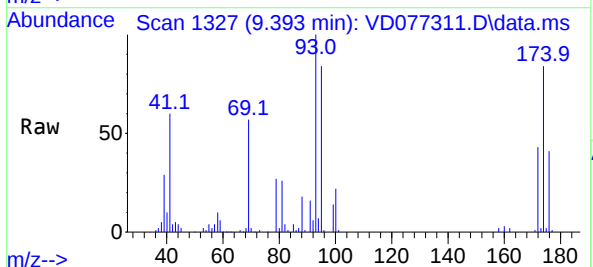
Instrument :
MSVOA_D
ClientSampleId :

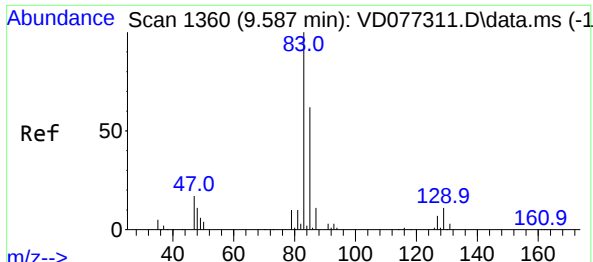
Tgt Ion: 63 Resp: 177854
Ion Ratio Lower Upper
63 100
65 33.3 24.5 36.7



#46
Dibromomethane
Concen: 52.243 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

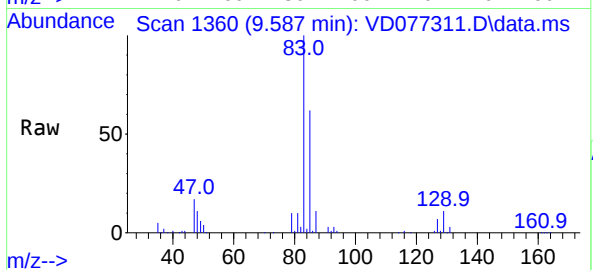
Tgt Ion: 93 Resp: 91537
Ion Ratio Lower Upper
93 100
95 86.2 67.7 101.5
174 88.9 85.4 128.2



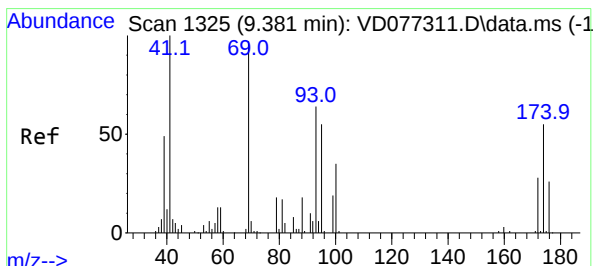
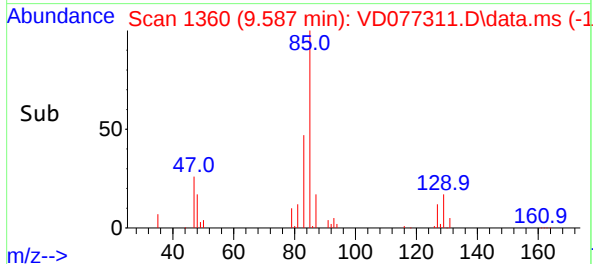
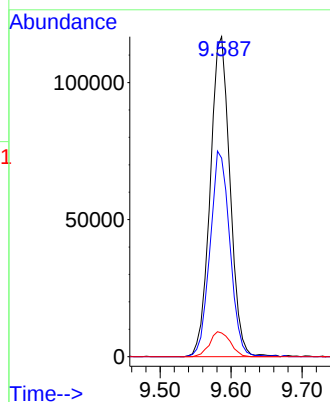


#47
Bromodichloromethane
Concen: 52.509 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :

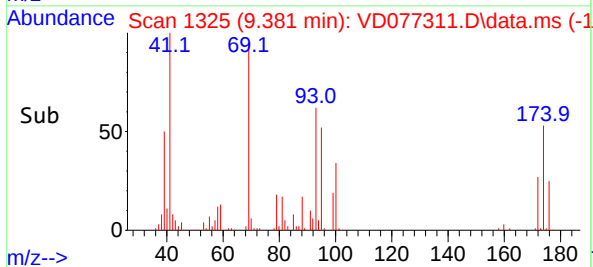
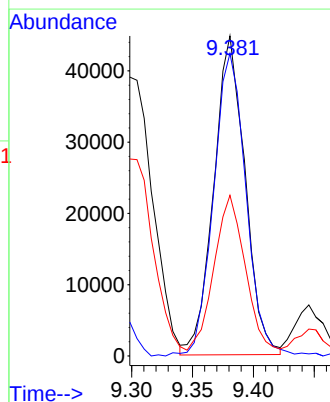
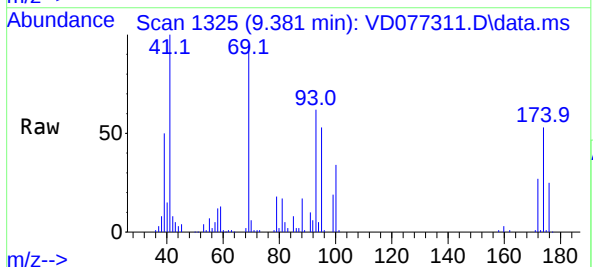


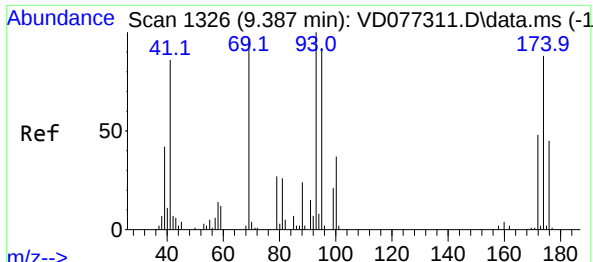
Tgt Ion: 83 Resp: 225571
Ion Ratio Lower Upper
83 100
85 62.0 50.2 75.4
127 7.4 6.3 9.5



#48
Methyl methacrylate
Concen: 55.485 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

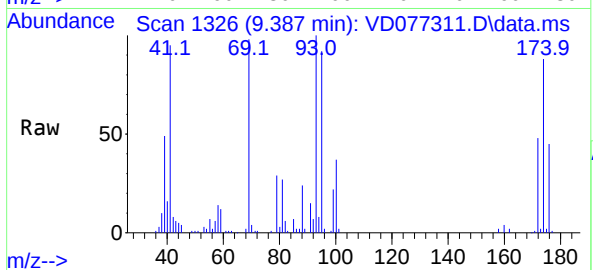
Tgt Ion: 41 Resp: 80054
Ion Ratio Lower Upper
41 100
69 98.6 102.2 153.2#
39 48.5 41.4 62.2



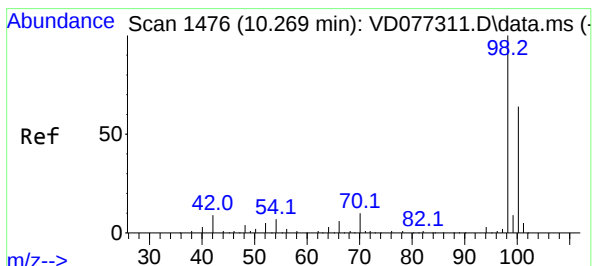
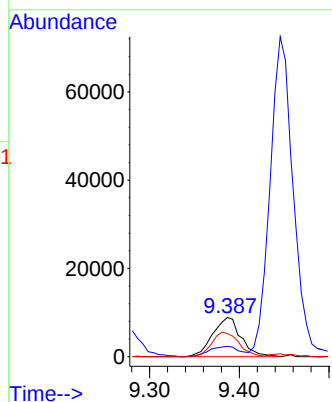
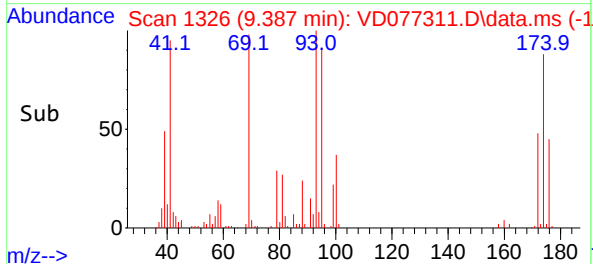


#49
1,4-Dioxane
Concen: 1065.001 ug/l
RT: 9.387 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :

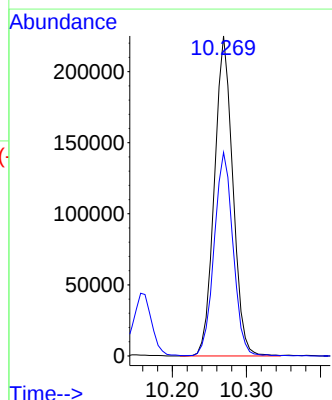
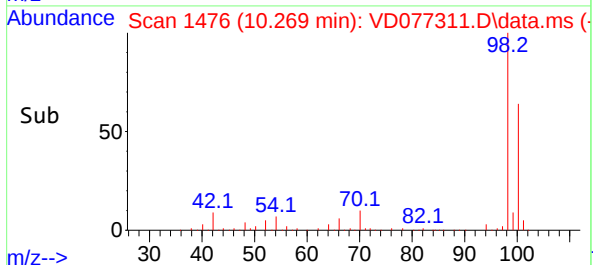
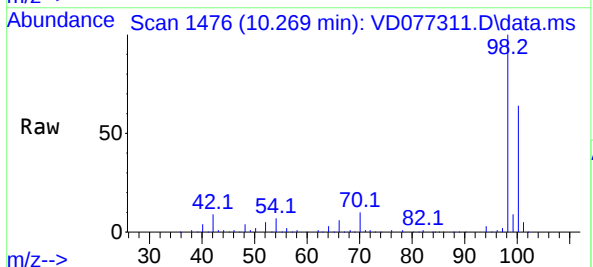


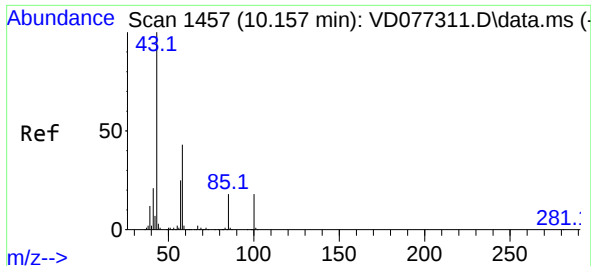
Tgt Ion: 88 Resp: 19449
Ion Ratio Lower Upper
88 100
43 28.8 19.0 28.6#
58 59.8 43.5 65.3



#50
Toluene-d8
Concen: 50.886 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 98 Resp: 388792
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5

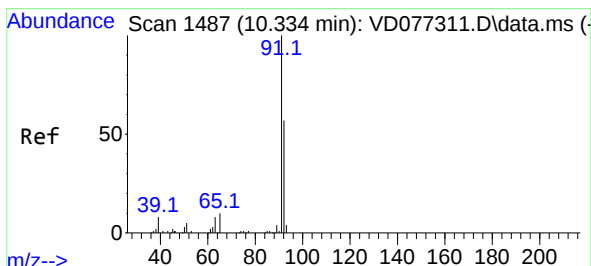
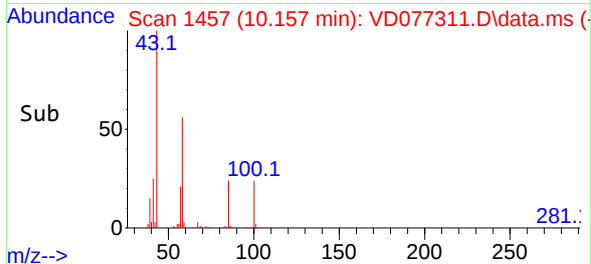
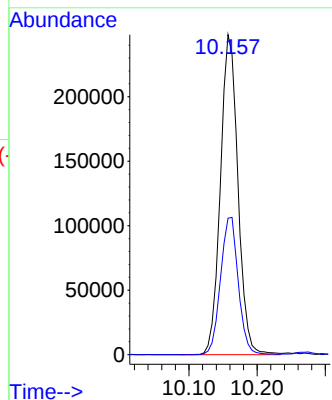
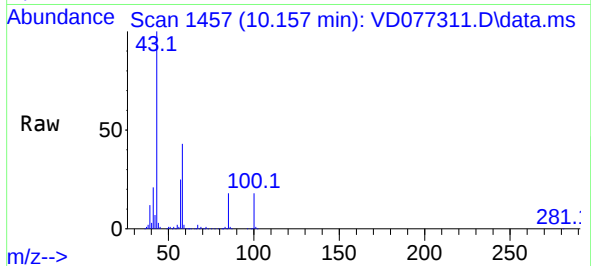




#51
4-Methyl-2-Pentanone
Concen: 271.432 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

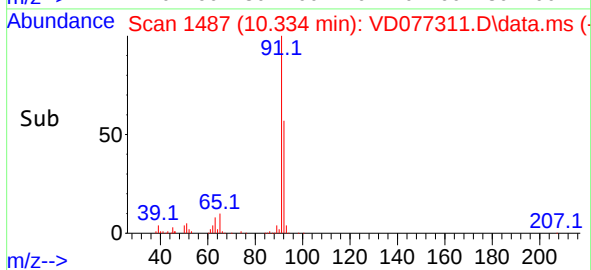
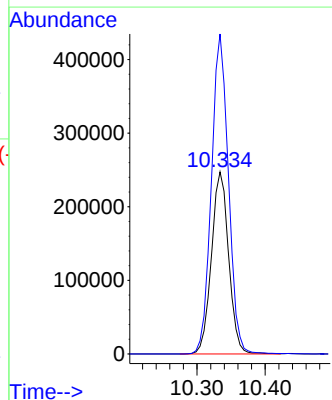
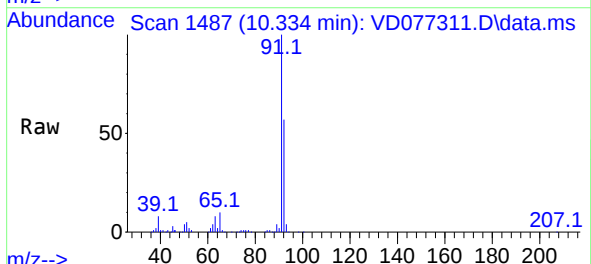
Instrument :
MSVOA_D
ClientSampleId :

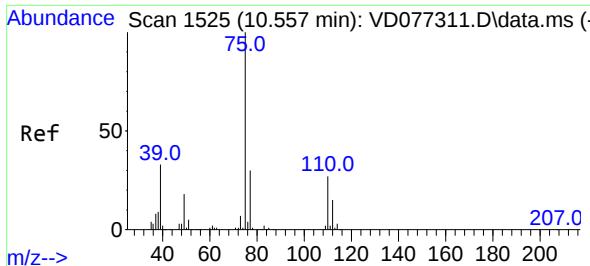
Tgt Ion: 43 Resp: 444321
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3



#52
Toluene
Concen: 54.830 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 92 Resp: 434935
Ion Ratio Lower Upper
92 100
91 174.1 143.0 214.4

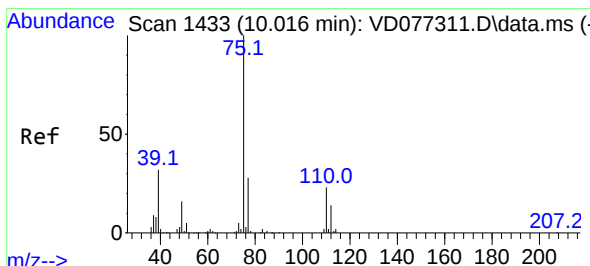
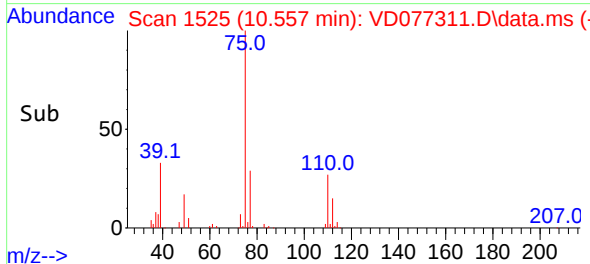
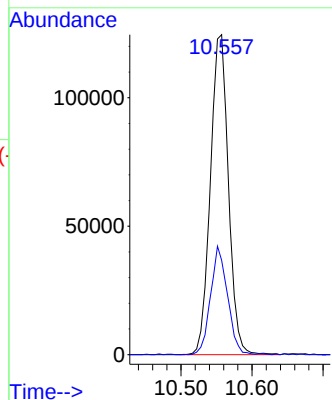
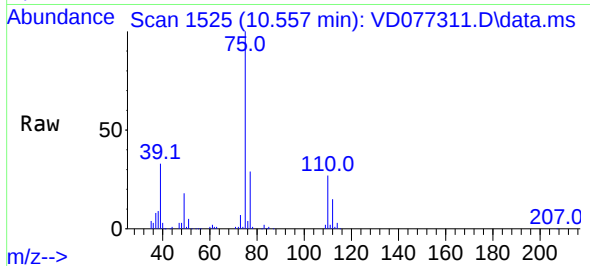




#53
t-1,3-Dichloropropene
Concen: 54.570 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

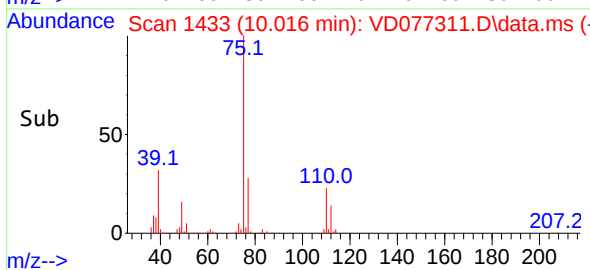
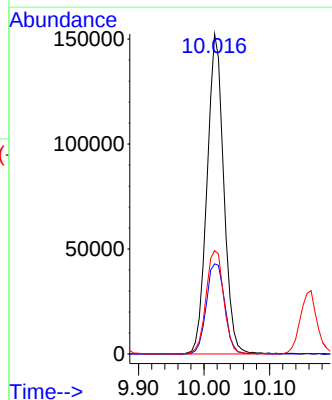
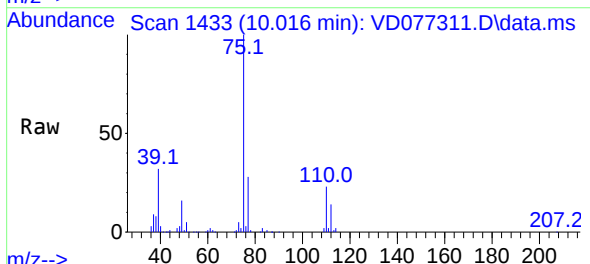
Instrument :
MSVOA_D
ClientSampleId :

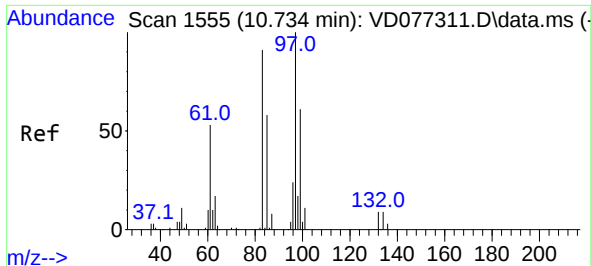
Tgt Ion: 75 Resp: 219800
Ion Ratio Lower Upper
75 100
77 29.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 54.088 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

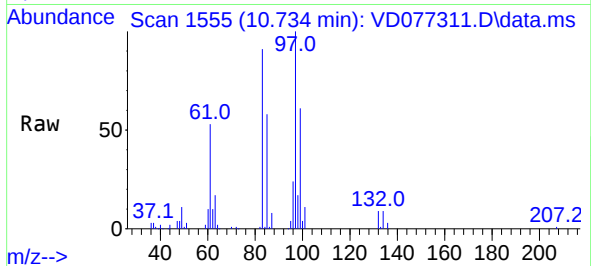
Tgt Ion: 75 Resp: 270175
Ion Ratio Lower Upper
75 100
77 28.1 25.5 38.3
39 32.3 22.1 33.1





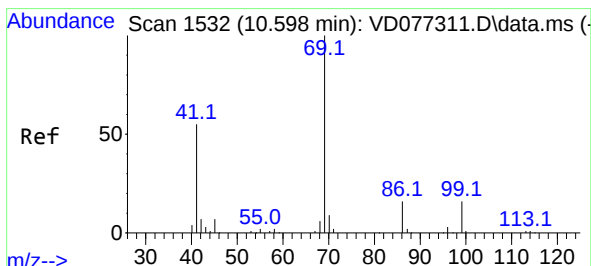
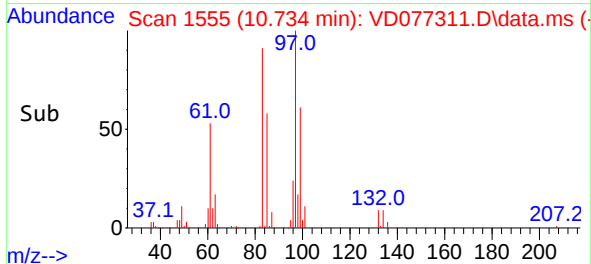
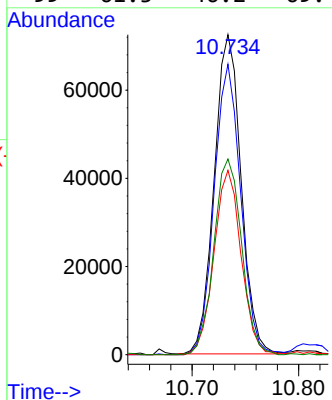
#55
1,1,2-Trichloroethane
Concen: 53.358 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 127069

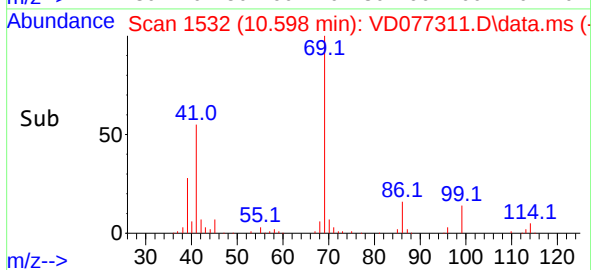
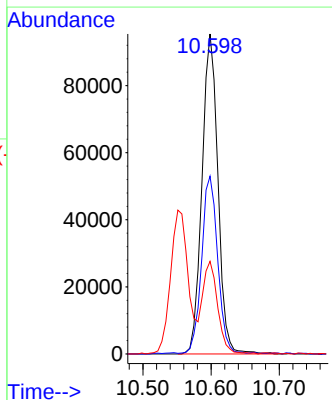
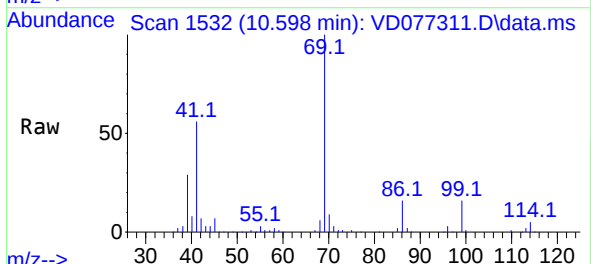
Ion	Ratio	Lower	Upper
97	100		
83	91.0	65.8	98.6
85	57.7	45.7	68.5
99	61.3	46.2	69.4

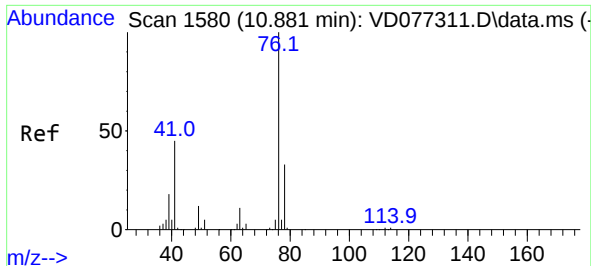


#56
Ethyl methacrylate
Concen: 50.991 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 69 Resp: 155110

Ion	Ratio	Lower	Upper
69	100		
41	55.5	39.1	58.7
39	27.0	20.0	30.0





#57

1,3-Dichloropropane

Concen: 52.288 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077311.D

Acq: 11 Oct 2023 17:38

Instrument :

MSVOA_D

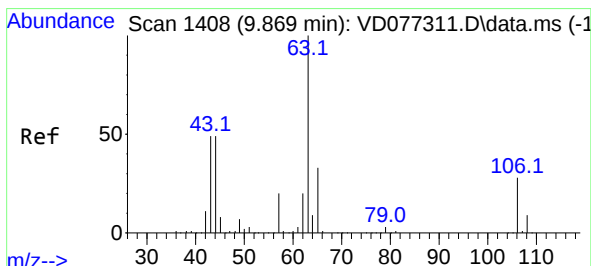
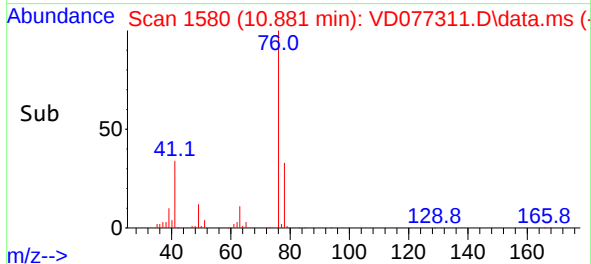
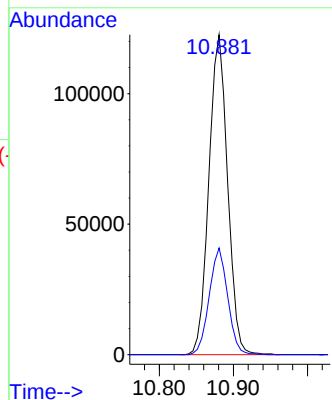
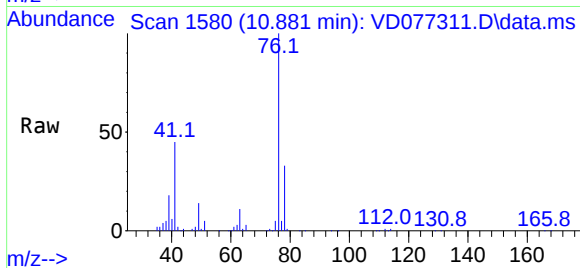
ClientSampleId :

Tgt Ion: 76 Resp: 215021

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 252.244 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077311.D

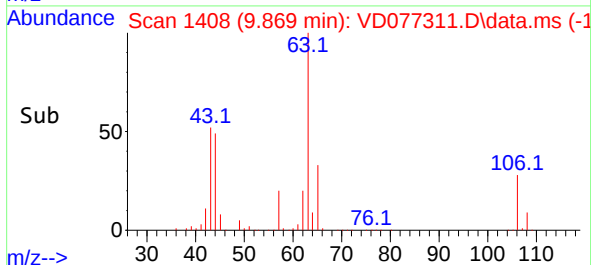
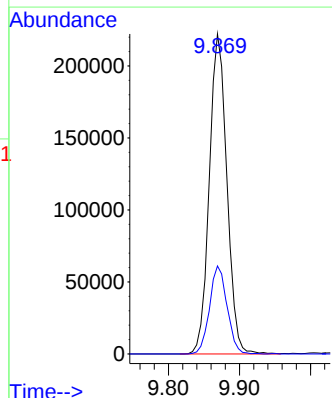
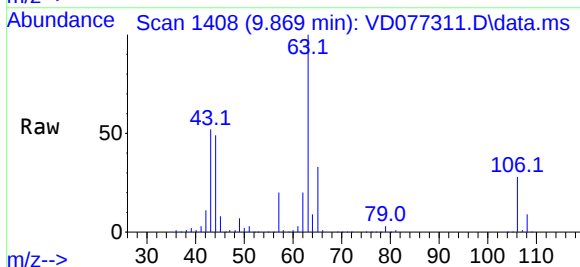
Acq: 11 Oct 2023 17:38

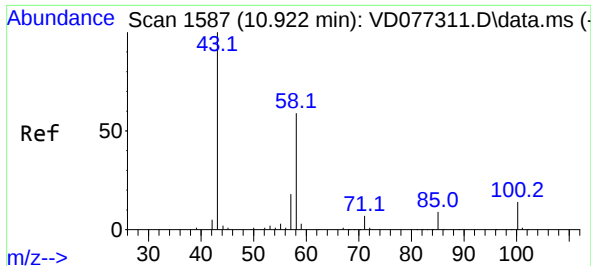
Tgt Ion: 63 Resp: 382152

Ion Ratio Lower Upper

63 100

106 27.4 25.3 37.9

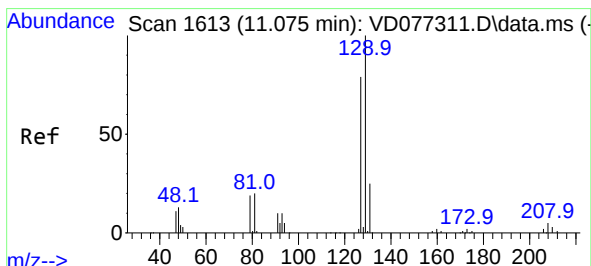
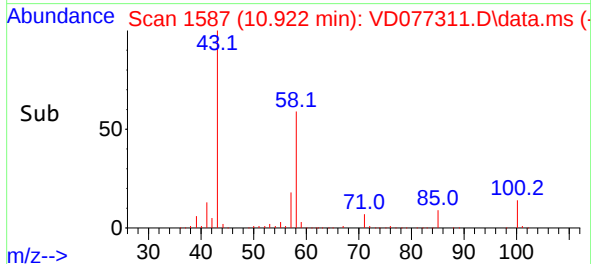
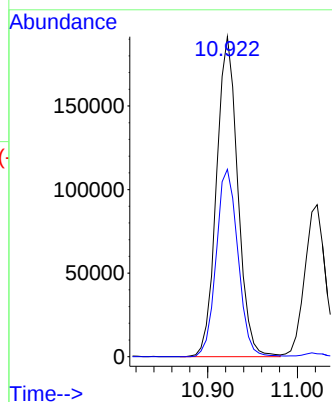
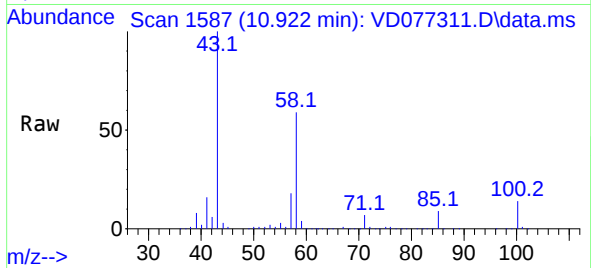




#59
2-Hexanone
Concen: 272.312 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

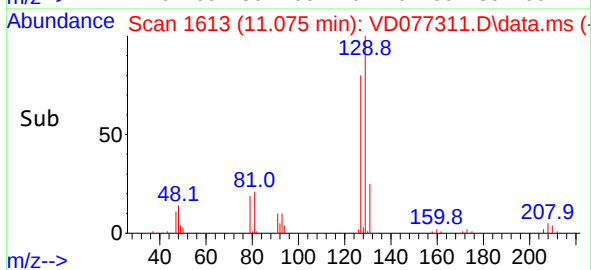
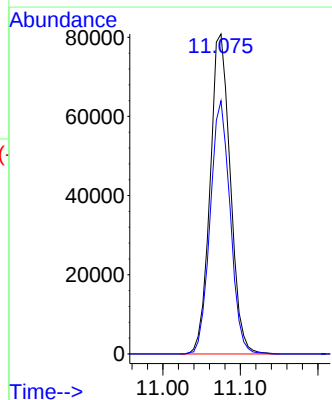
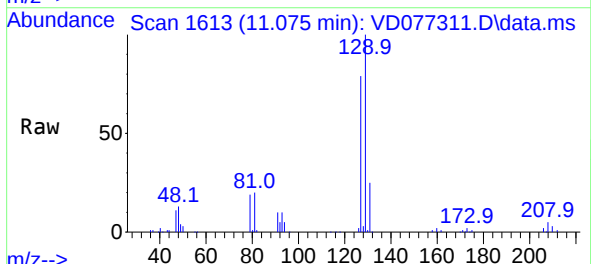
Instrument :
MSVOA_D
ClientSampleId :

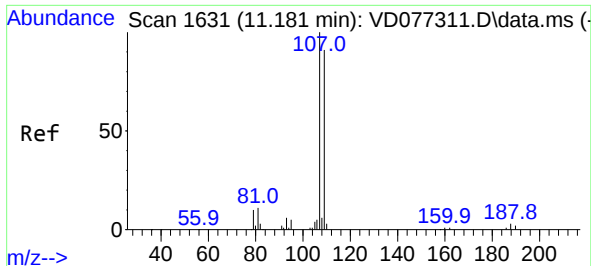
Tgt Ion: 43 Resp: 315247
Ion Ratio Lower Upper
43 100
58 59.7 34.1 102.2



#60
Dibromochloromethane
Concen: 53.987 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion:129 Resp: 146840
Ion Ratio Lower Upper
129 100
127 78.0 37.1 111.5

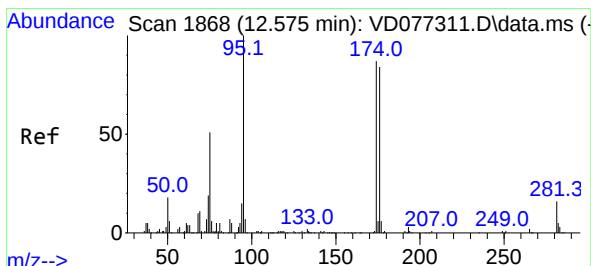
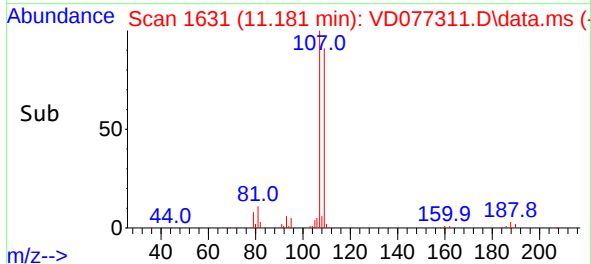
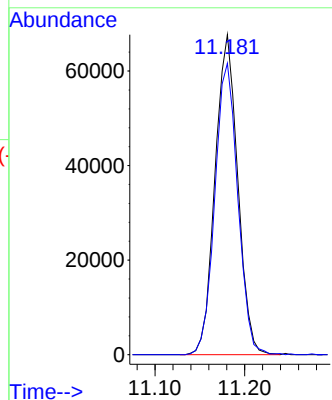
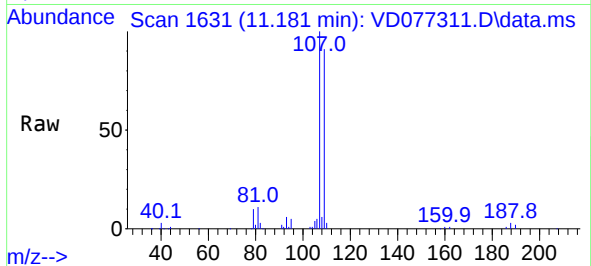




#61
1,2-Dibromoethane
Concen: 54.610 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

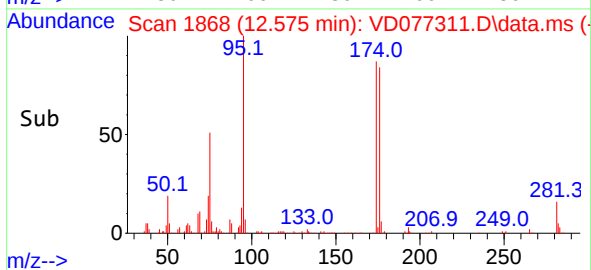
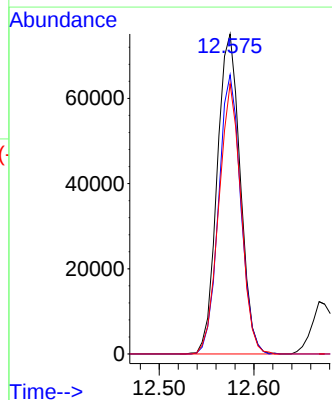
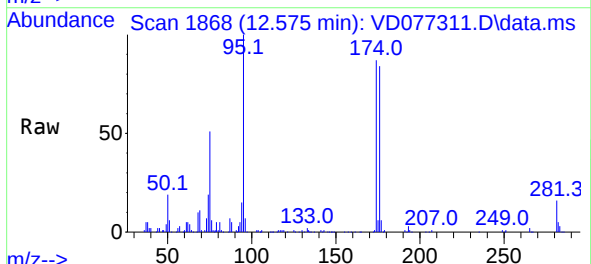
Instrument :
MSVOA_D
ClientSampleId :

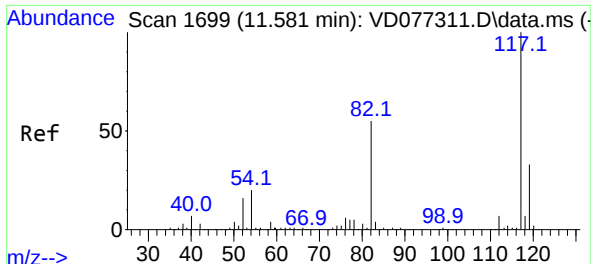
Tgt Ion:107 Resp: 118710
Ion Ratio Lower Upper
107 100
109 92.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.501 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 95 Resp: 127027
Ion Ratio Lower Upper
95 100
174 83.7 0.0 201.8
176 80.9 0.0 191.8

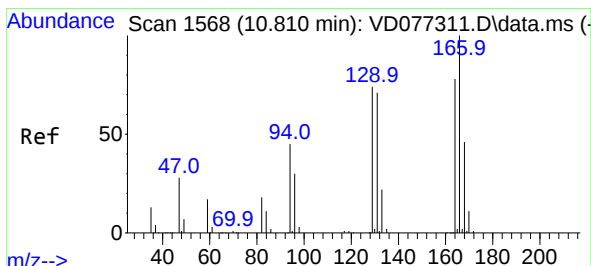
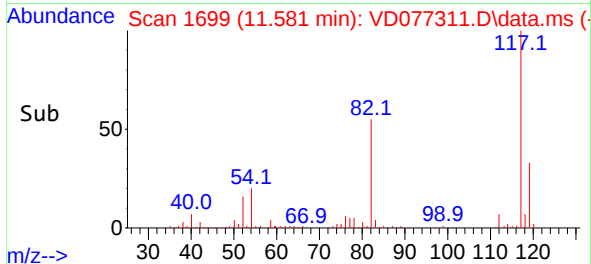
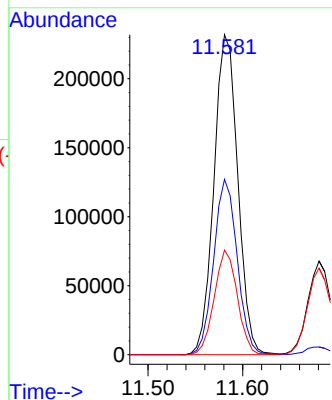
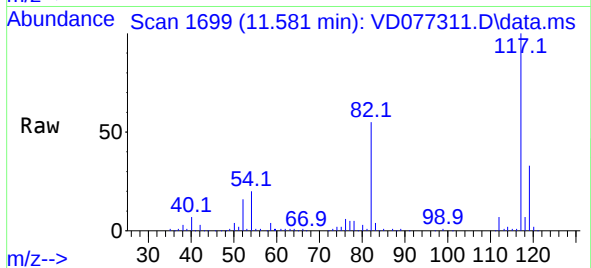




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

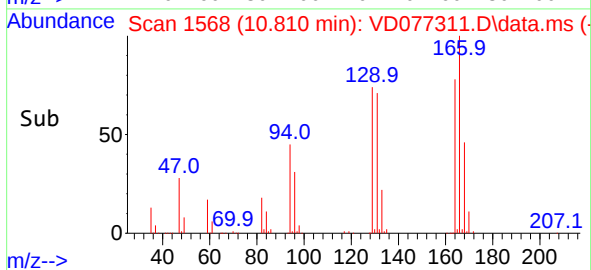
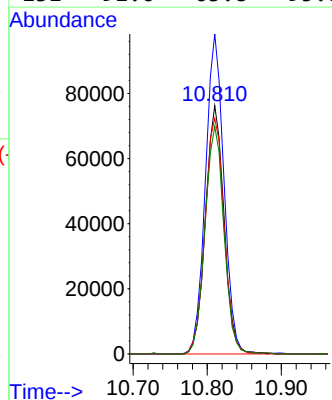
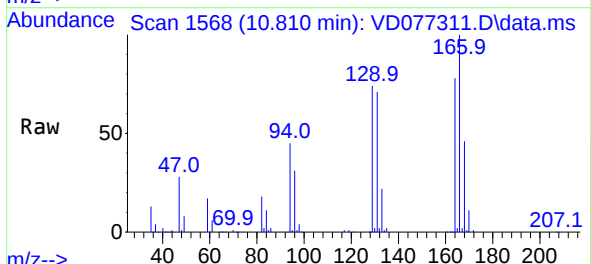
Instrument :
MSVOA_D
ClientSampleId :

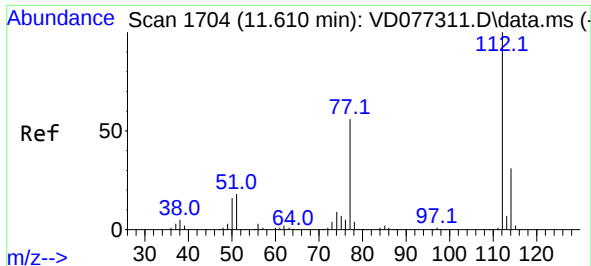
Tgt Ion:117 Resp: 406075
Ion Ratio Lower Upper
117 100
82 54.8 38.3 57.5
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 51.278 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

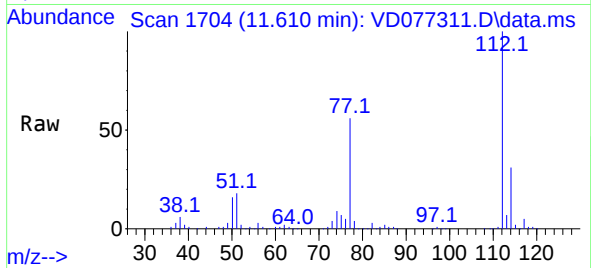
Tgt Ion:164 Resp: 132931
Ion Ratio Lower Upper
164 100
166 128.8 99.2 148.8
129 94.8 68.4 102.6
131 91.6 63.8 95.8



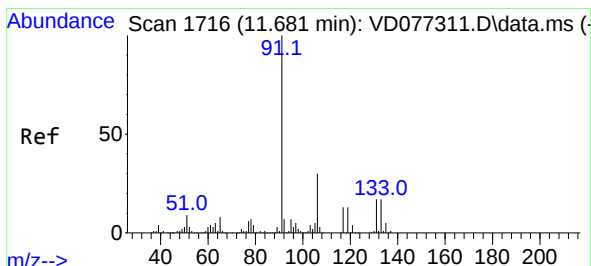
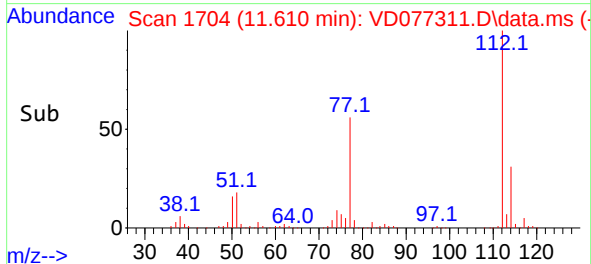
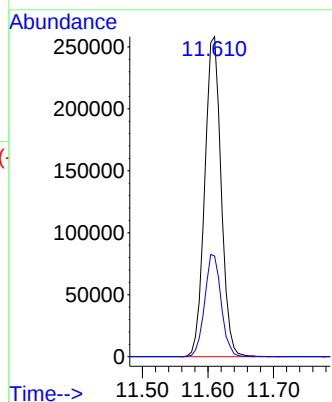


#65
Chlorobenzene
Concen: 53.167 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :

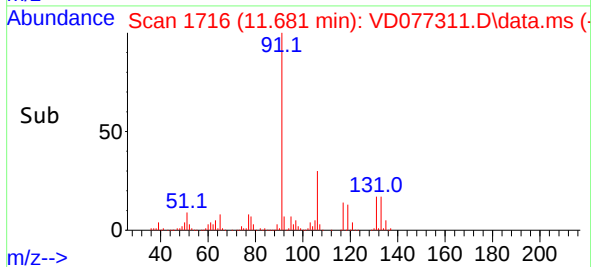
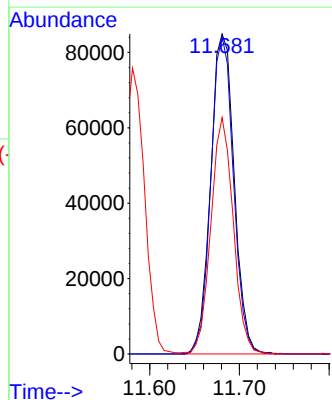
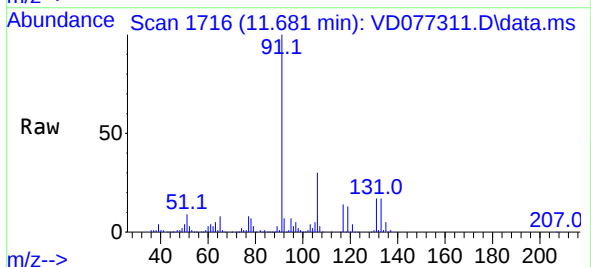


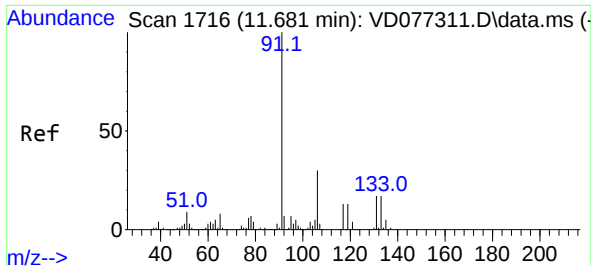
Tgt Ion:112 Resp: 448999
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.912 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion:131 Resp: 154635
Ion Ratio Lower Upper
131 100
133 95.5 48.5 145.5
119 70.3 35.6 106.9

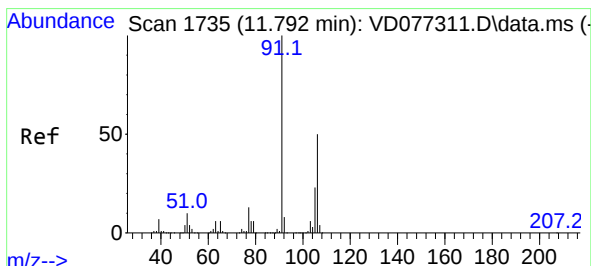
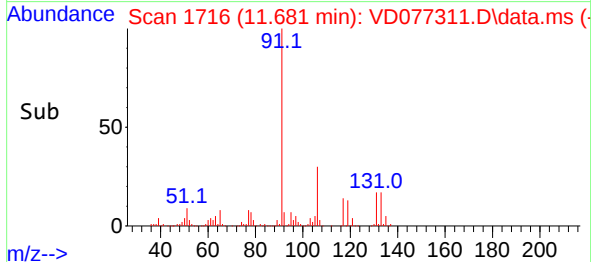
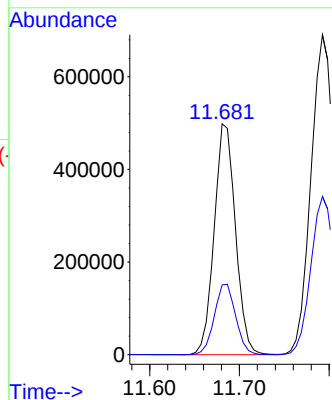
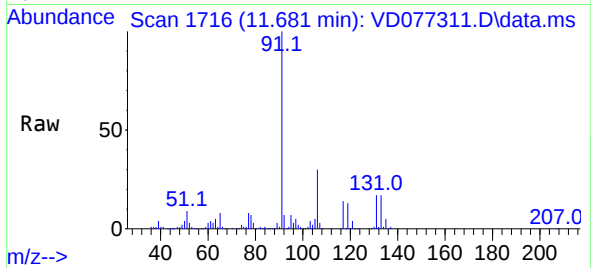




#67
Ethyl Benzene
Concen: 54.484 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

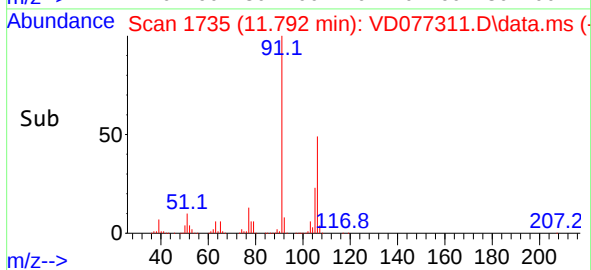
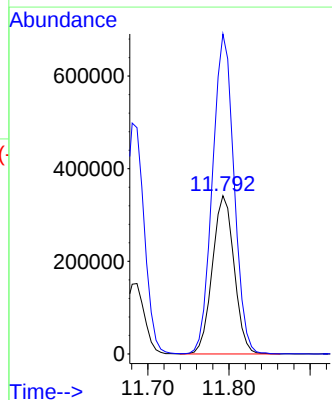
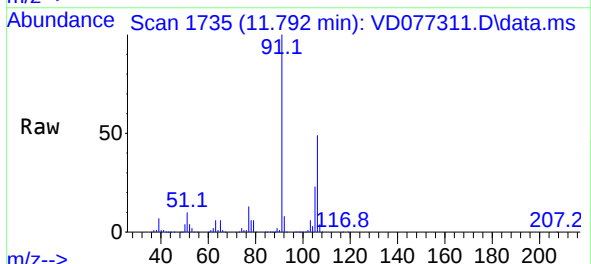
Instrument :
MSVOA_D
ClientSampleId :

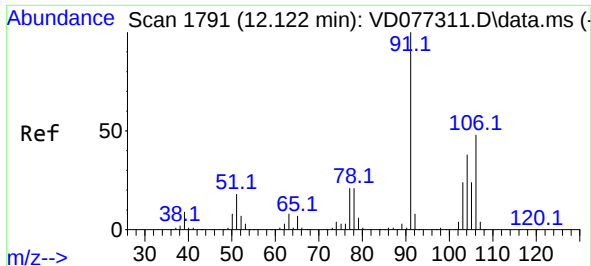
Tgt Ion: 91 Resp: 821108
Ion Ratio Lower Upper
91 100
106 30.2 26.5 39.7



#68
m/p-Xylenes
Concen: 109.605 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 106 Resp: 635724
Ion Ratio Lower Upper
106 100
91 200.3 147.0 220.6

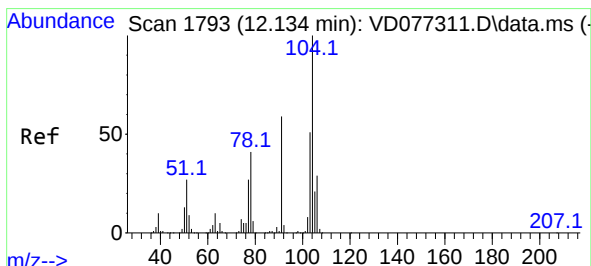
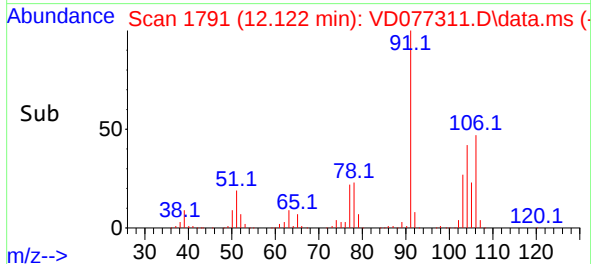
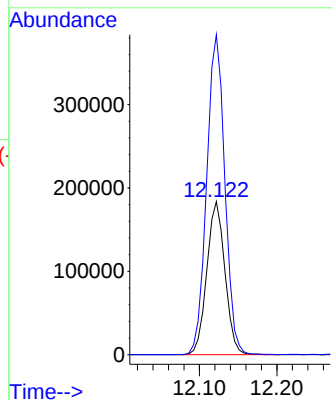
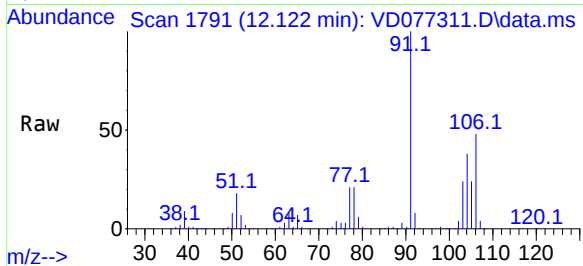




#69
o-Xylene
Concen: 55.428 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

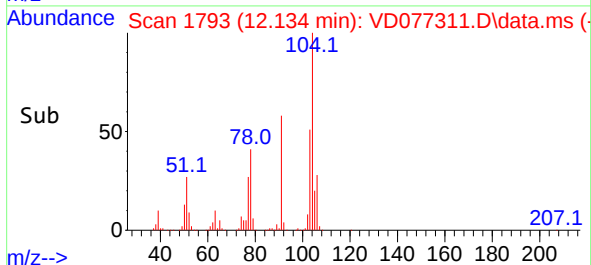
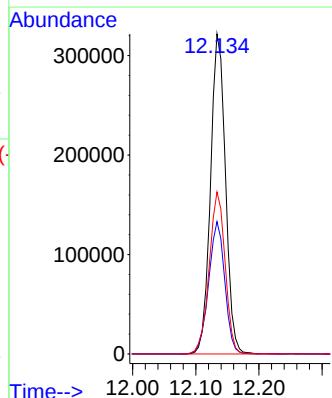
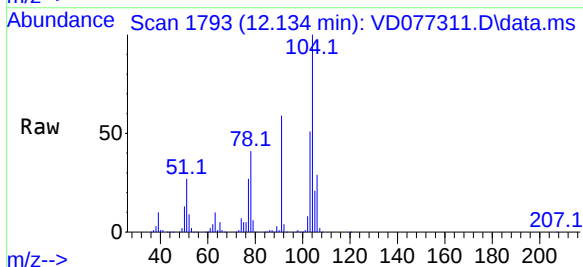
Instrument :
MSVOA_D
ClientSampleId :

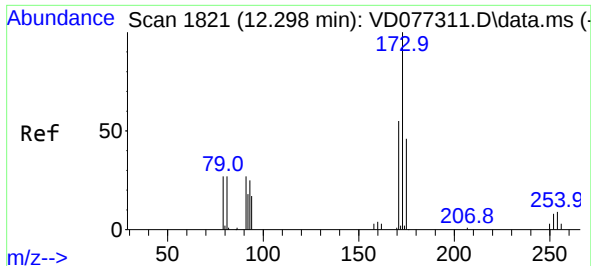
Tgt Ion:106 Resp: 297571
Ion Ratio Lower Upper
106 100
91 209.8 97.9 293.6



#70
Styrene
Concen: 56.941 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

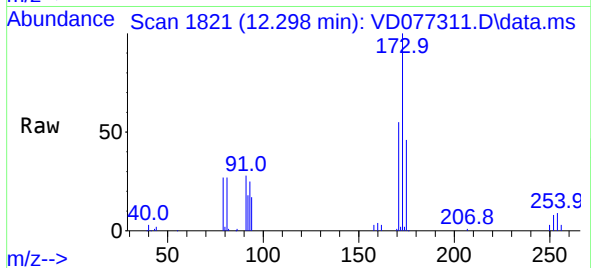
Tgt Ion:104 Resp: 529693
Ion Ratio Lower Upper
104 100
78 44.5 33.2 49.8
103 53.9 43.6 65.4



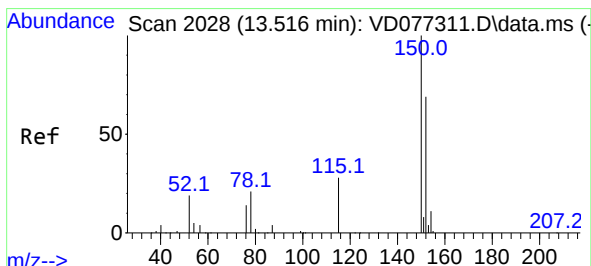
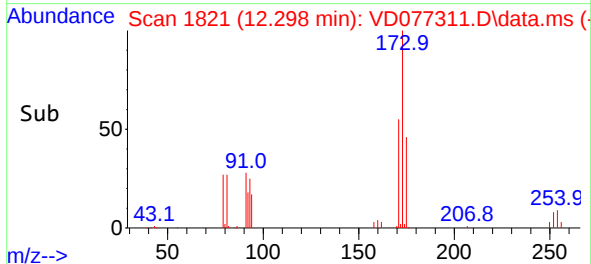
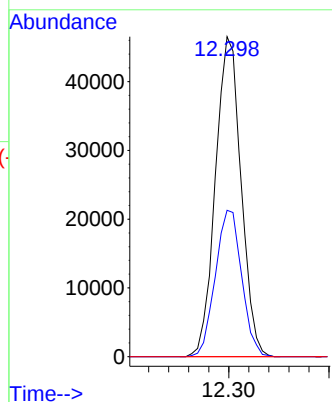


#71
Bromoform
Concen: 54.583 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :

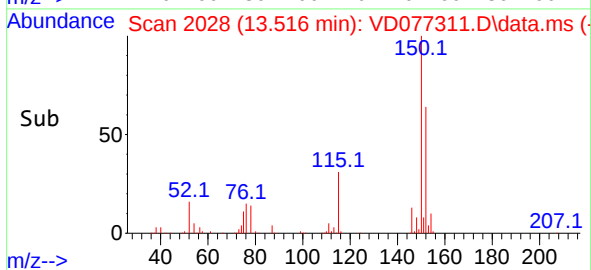
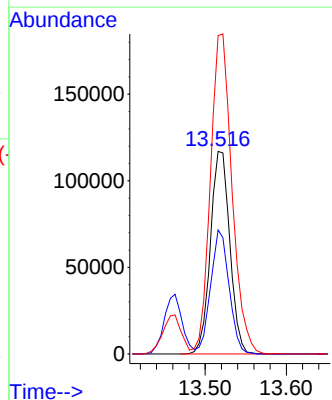
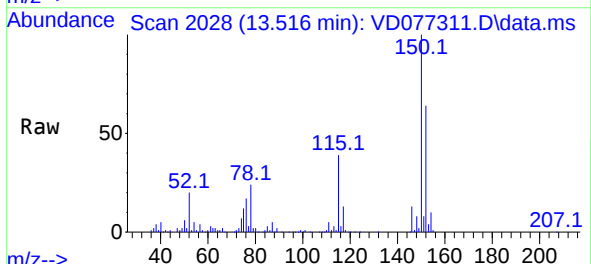


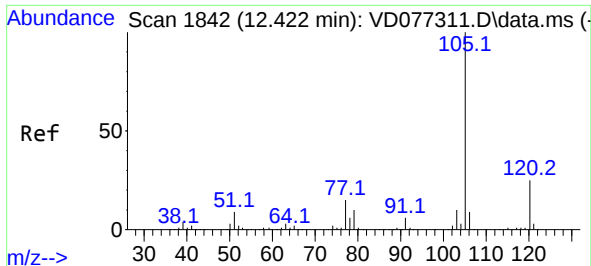
Tgt Ion:173 Resp: 82525
Ion Ratio Lower Upper
173 100
175 47.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion:152 Resp: 193924
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.3
150 175.2 0.0 353.6

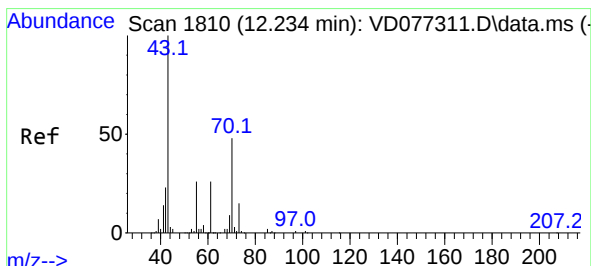
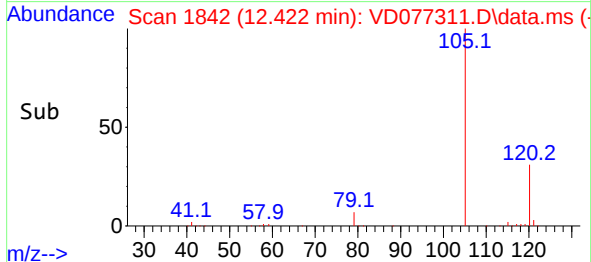
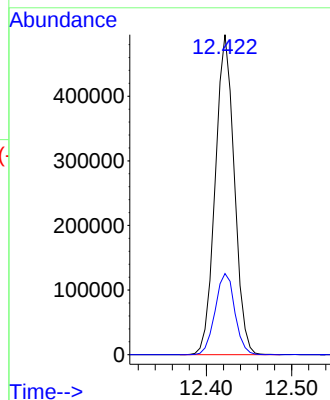
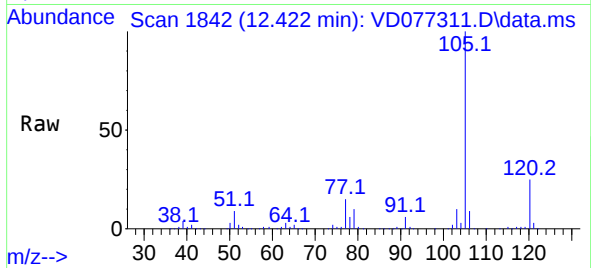




#73
Isopropylbenzene
Concen: 53.633 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

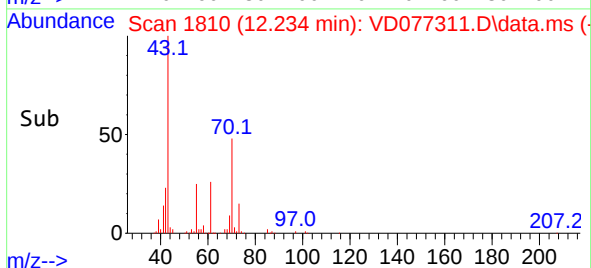
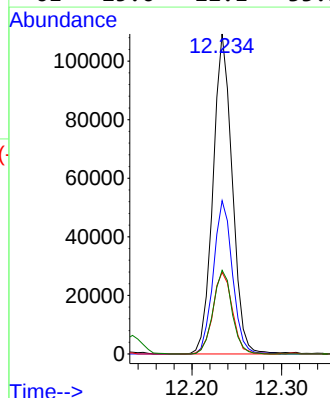
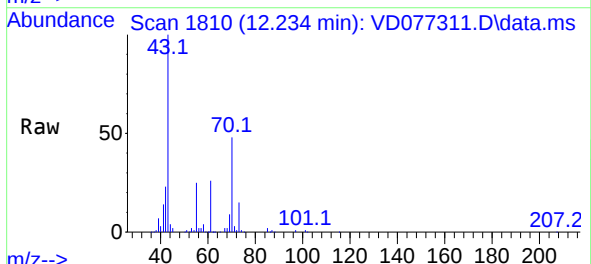
Instrument :
MSVOA_D
ClientSampleId :

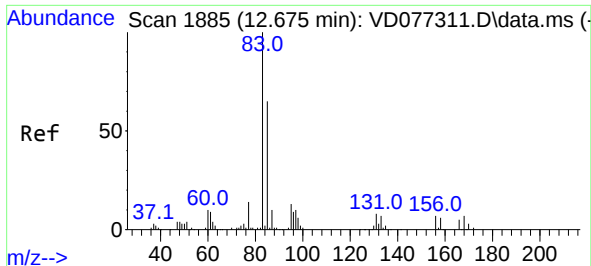
Tgt Ion:105 Resp: 768150
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9



#74
N-ethyl acetate
Concen: 53.937 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 43 Resp: 162436
Ion Ratio Lower Upper
43 100
70 47.6 45.0 67.4
55 25.9 23.8 35.6
61 25.6 22.1 33.1

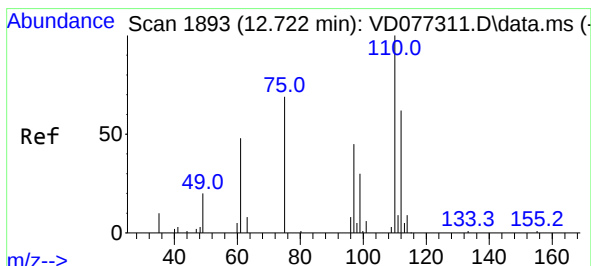
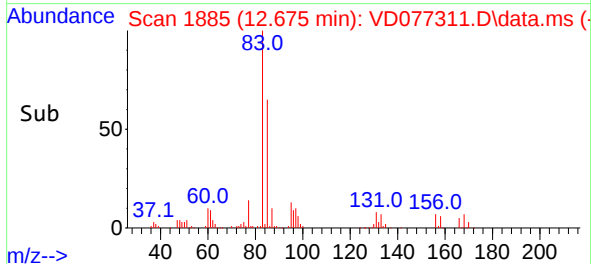
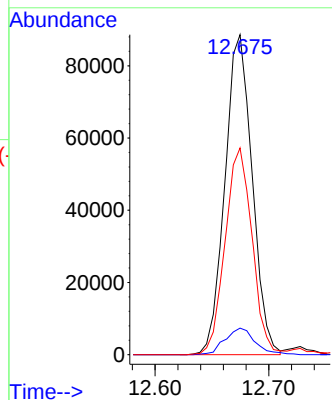
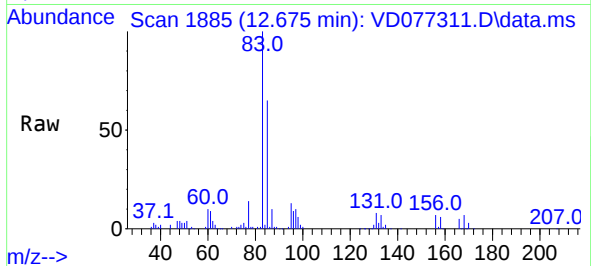




#75
1,1,2,2-Tetrachloroethane
Concen: 51.470 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

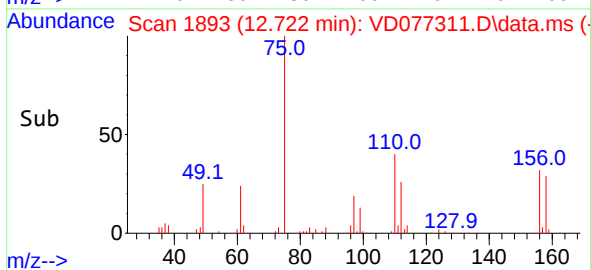
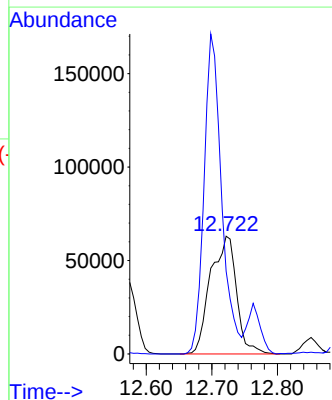
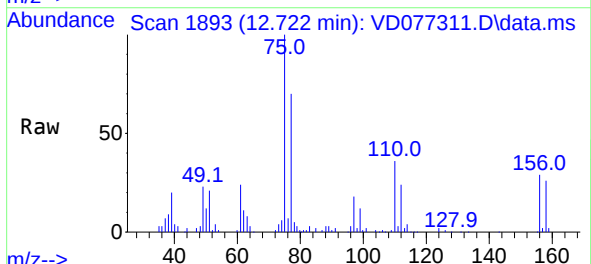
Instrument :
MSVOA_D
ClientSampleId :

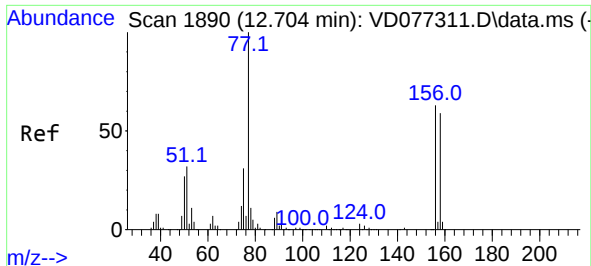
Tgt Ion: 83 Resp: 147931
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 64.0 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 81.473 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 75 Resp: 173585
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

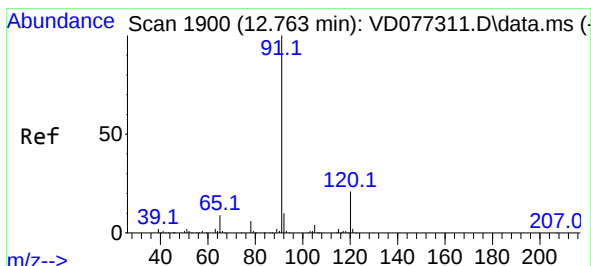
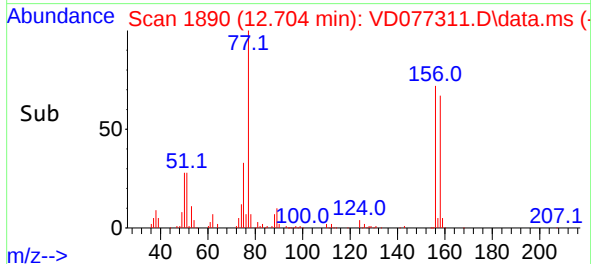
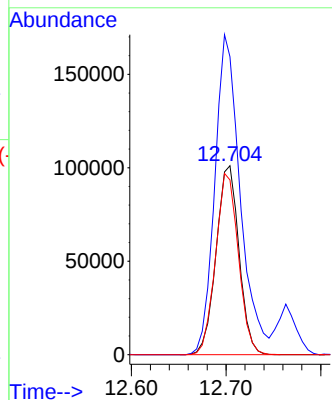
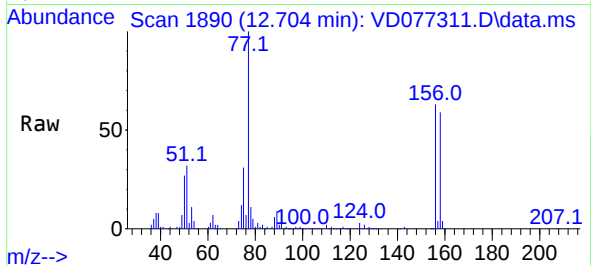




#77
Bromobenzene
Concen: 51.871 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

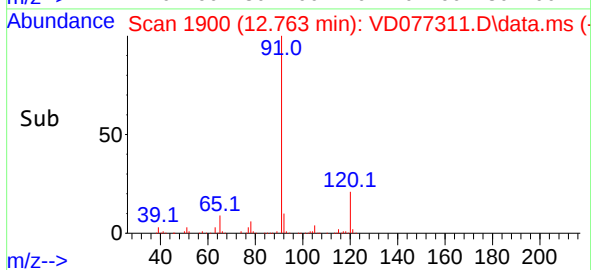
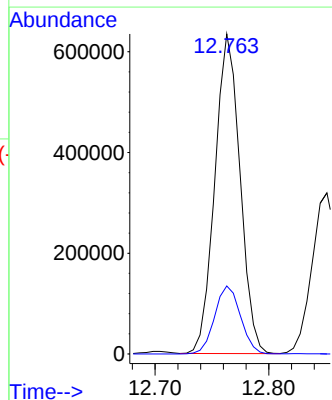
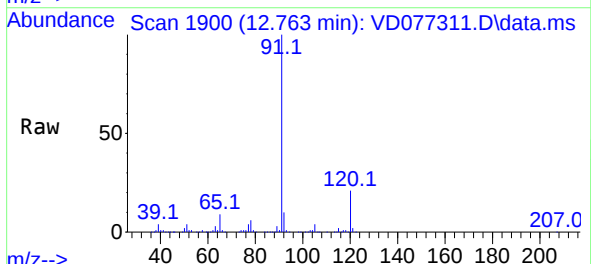
Instrument :
MSVOA_D
ClientSampleId :

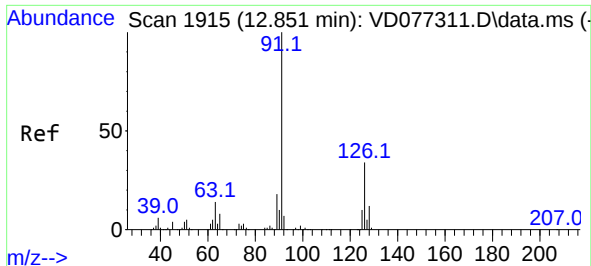
Tgt Ion:156 Resp: 169965
Ion Ratio Lower Upper
156 100
77 188.1 76.8 230.4
158 95.7 48.6 145.9



#78
n-propylbenzene
Concen: 53.807 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 91 Resp: 977142
Ion Ratio Lower Upper
91 100
120 21.8 12.4 37.2

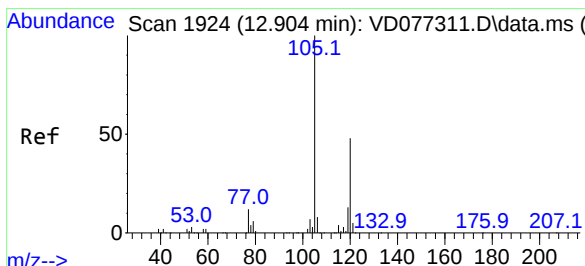
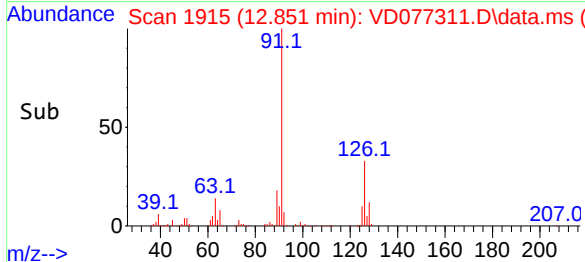
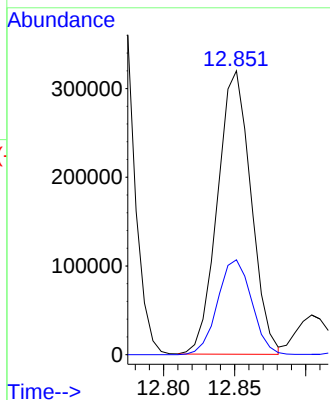
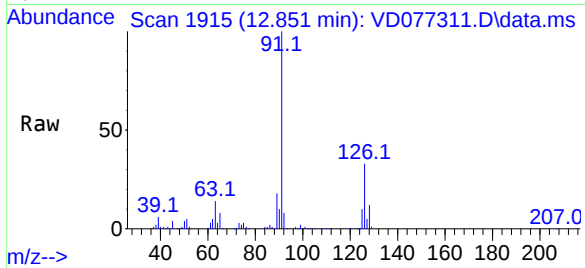




#79
2-Chlorotoluene
Concen: 53.485 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

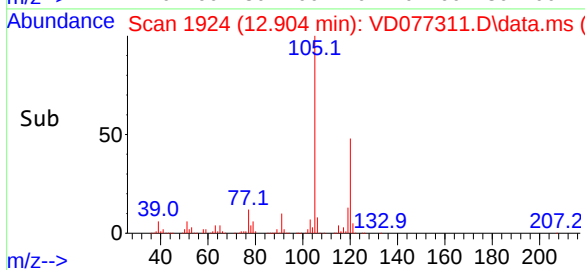
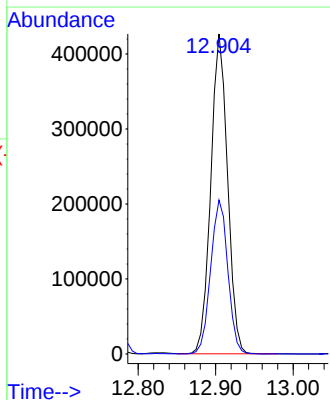
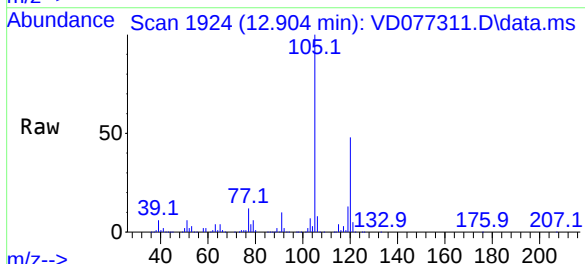
Instrument :
MSVOA_D
ClientSampleId :

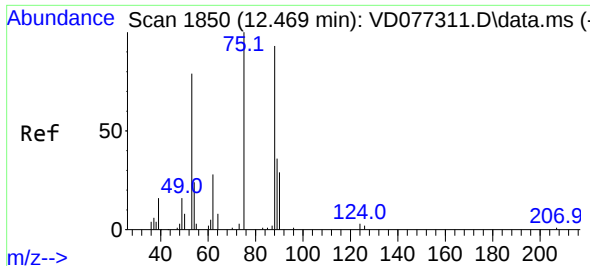
Tgt Ion: 91 Resp: 523662
Ion Ratio Lower Upper
91 100
126 34.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 53.741 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 105 Resp: 641369
Ion Ratio Lower Upper
105 100
120 49.3 26.4 79.2

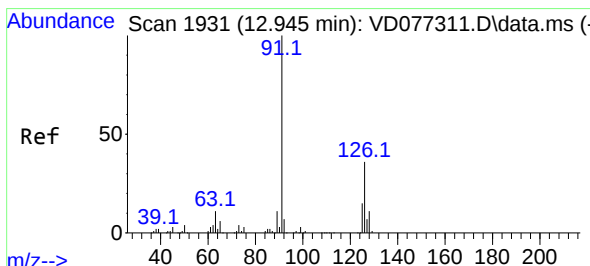
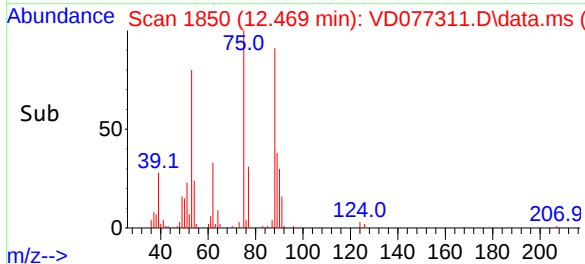
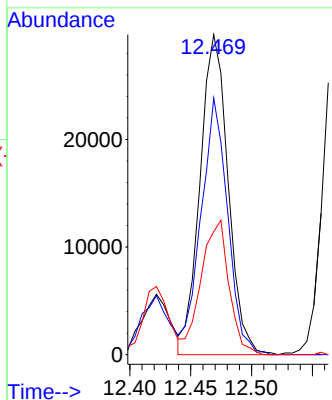
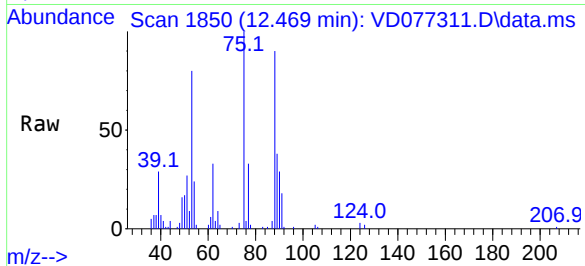




#81
trans-1,4-Dichloro-2-butene
Concen: 53.456 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

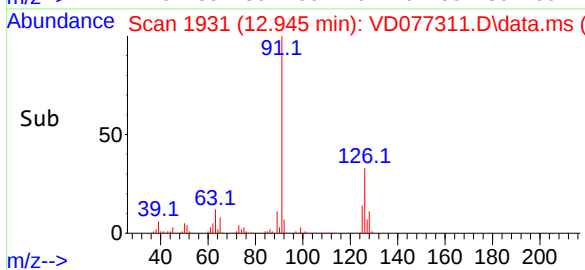
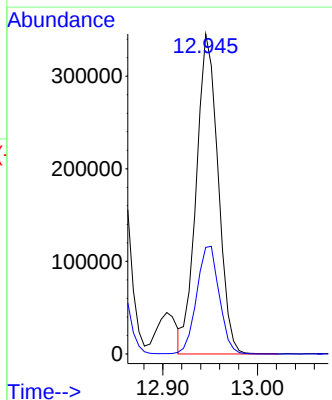
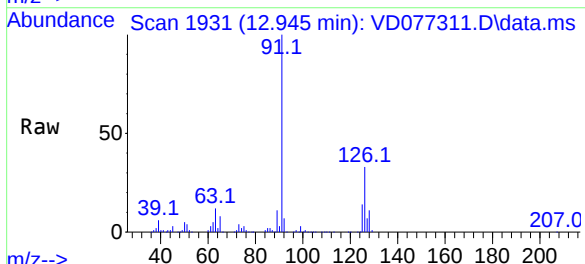
Instrument :
MSVOA_D
ClientSampleId :

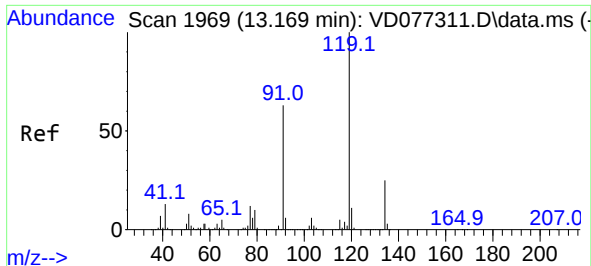
Tgt Ion: 75 Resp: 47767
Ion Ratio Lower Upper
75 100
53 76.3 63.0 94.4
89 42.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 53.345 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 91 Resp: 551794
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.4

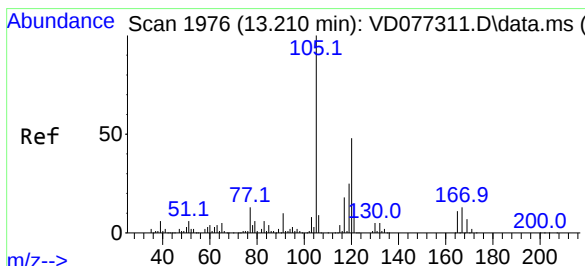
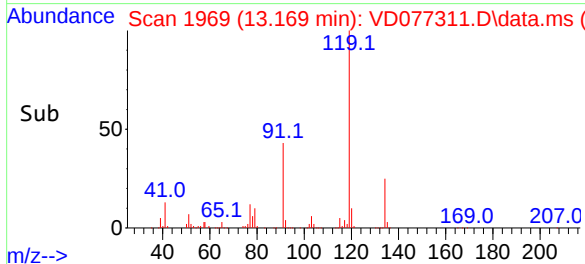
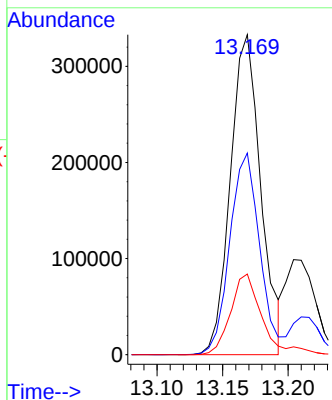
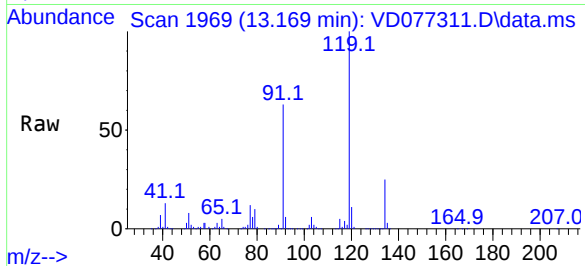




#83
tert-Butylbenzene
Concen: 54.058 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

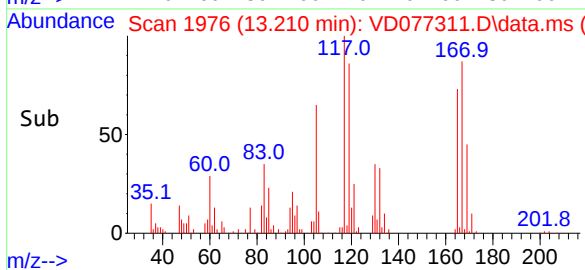
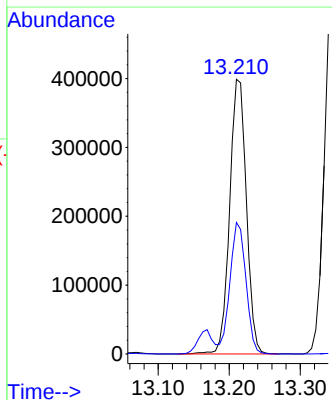
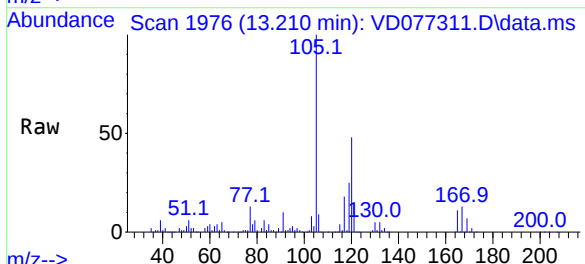
Instrument :
MSVOA_D
ClientSampleId :

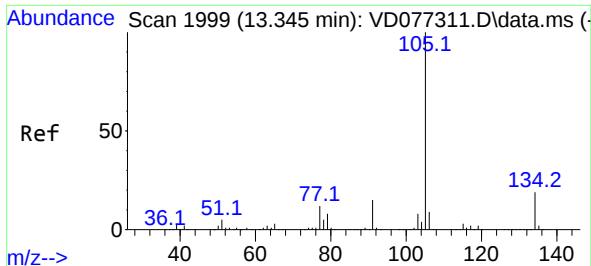
Tgt Ion:119 Resp: 538909
Ion Ratio Lower Upper
119 100
91 61.4 29.3 87.8
134 26.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 54.515 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion:105 Resp: 651711
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.9

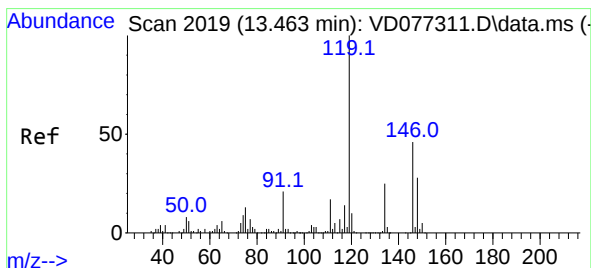
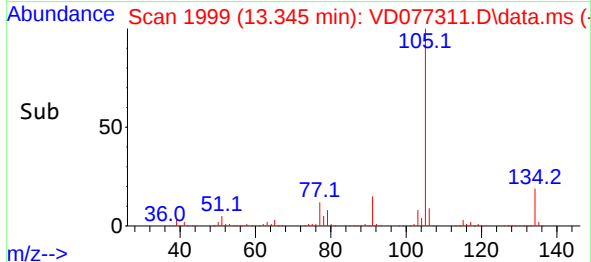
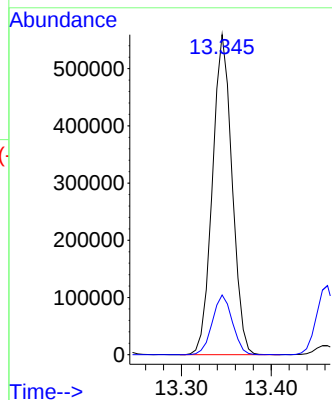
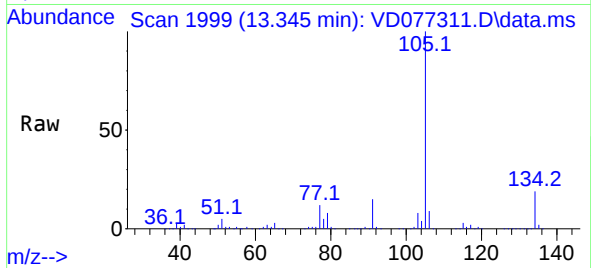




#85
 sec-Butylbenzene
 Concen: 54.683 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077311.D
 Acq: 11 Oct 2023 17:38

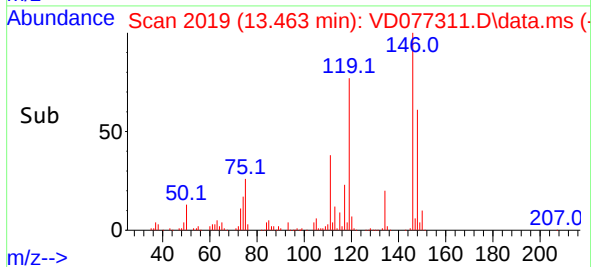
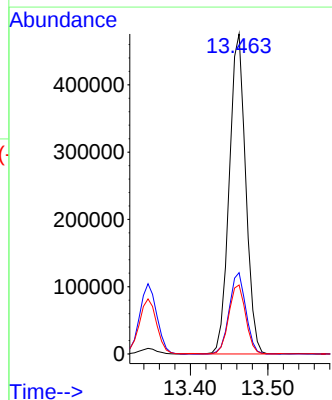
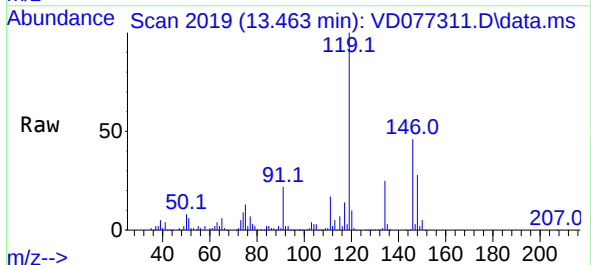
Instrument :
 MSVOA_D
 ClientSampleId :

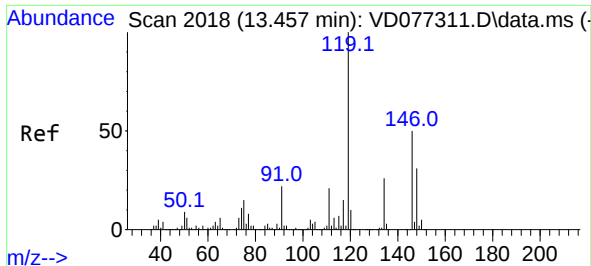
Tgt Ion:105 Resp: 850098
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 54.803 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077311.D
 Acq: 11 Oct 2023 17:38

Tgt Ion:119 Resp: 699969
 Ion Ratio Lower Upper
 119 100
 134 25.6 14.2 42.6
 91 22.1 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 52.836 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077311.D

Acq: 11 Oct 2023 17:38

Instrument :

MSVOA_D

ClientSampleId :

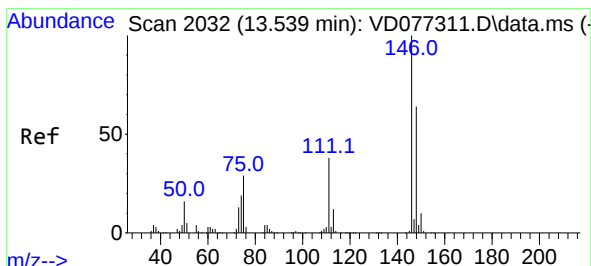
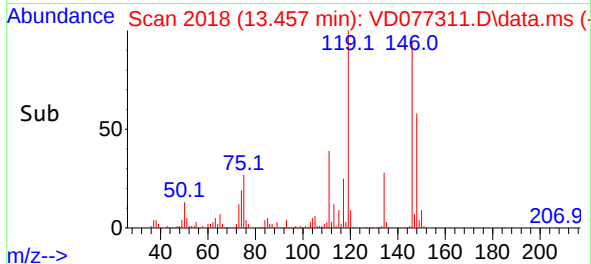
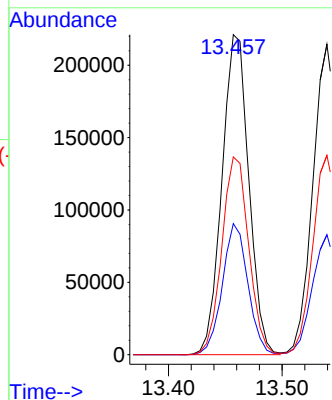
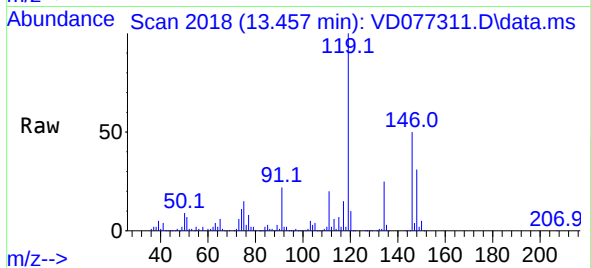
Tgt Ion:146 Resp: 363089

Ion Ratio Lower Upper

146 100

111 39.1 17.9 53.8

148 61.9 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 50.848 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077311.D

Acq: 11 Oct 2023 17:38

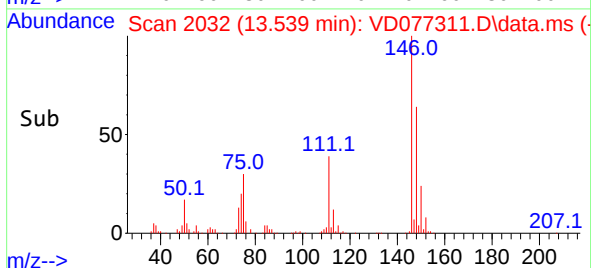
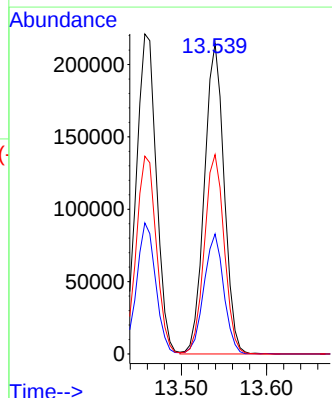
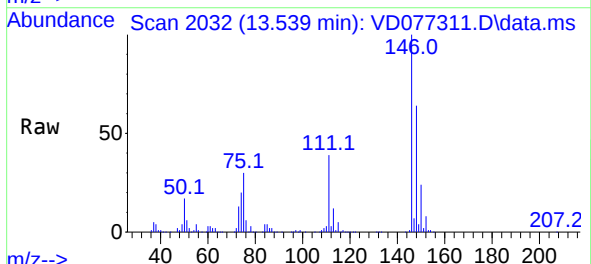
Tgt Ion:146 Resp: 345153

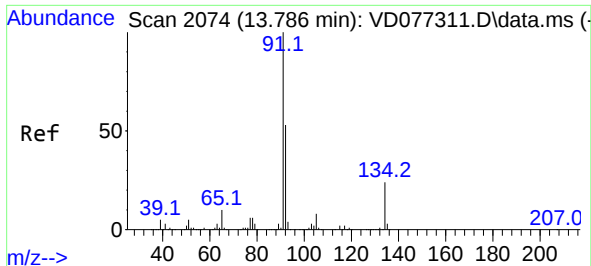
Ion Ratio Lower Upper

146 100

111 38.7 17.4 52.3

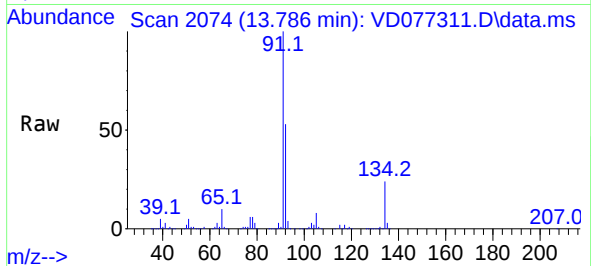
148 64.6 31.7 95.1



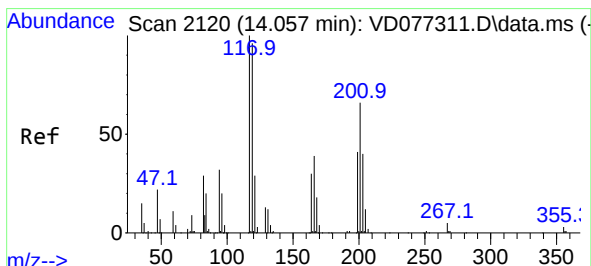
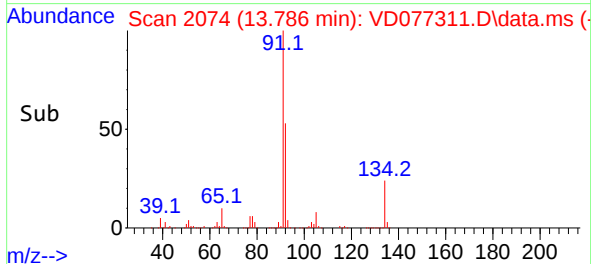
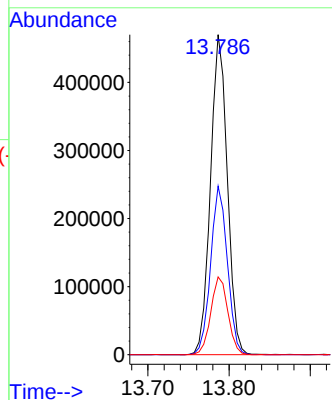


#89
n-Butylbenzene
Concen: 54.131 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :

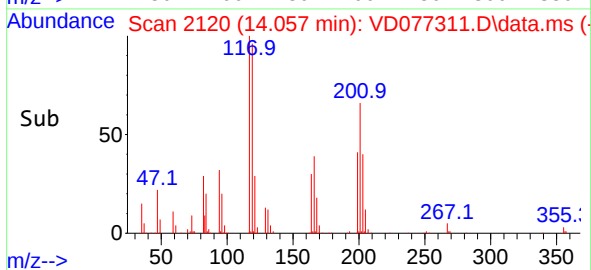
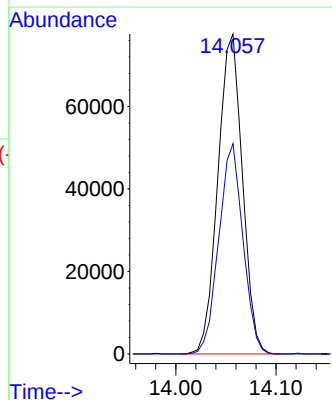
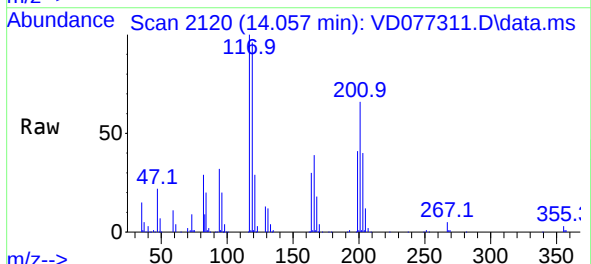


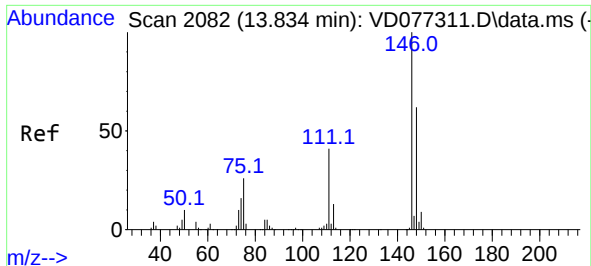
Tgt Ion: 91 Resp: 675963
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 24.7 13.8 41.3



#90
Hexachloroethane
Concen: 52.335 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion: 117 Resp: 131796
Ion Ratio Lower Upper
117 100
201 64.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 51.287 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077311.D

Acq: 11 Oct 2023 17:38

Instrument :

MSVOA_D

ClientSampleId :

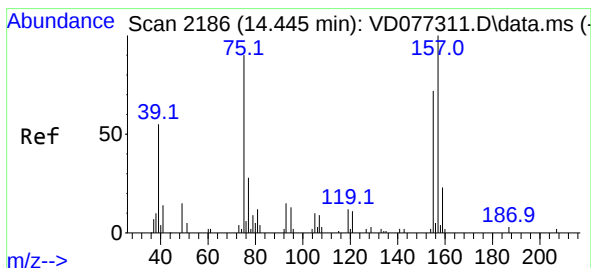
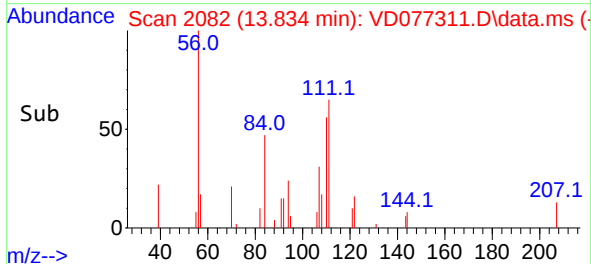
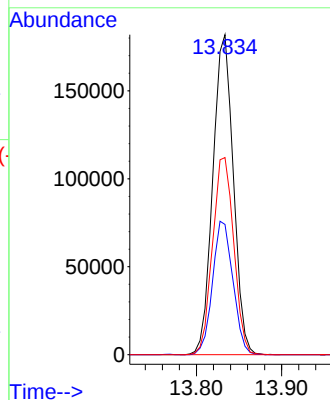
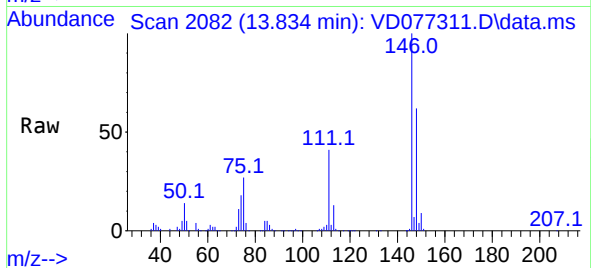
Tgt Ion:146 Resp: 304576

Ion Ratio Lower Upper

146 100

111 41.5 18.3 54.8

148 63.8 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.844 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD077311.D

Acq: 11 Oct 2023 17:38

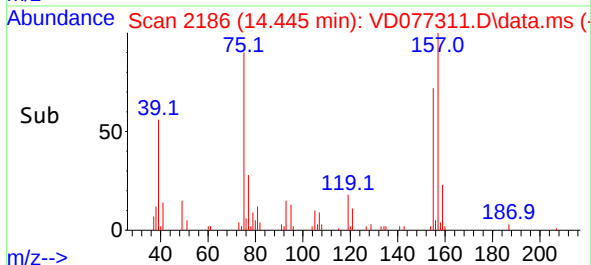
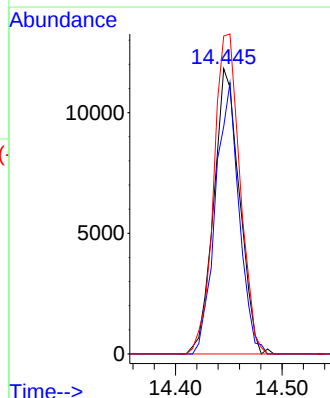
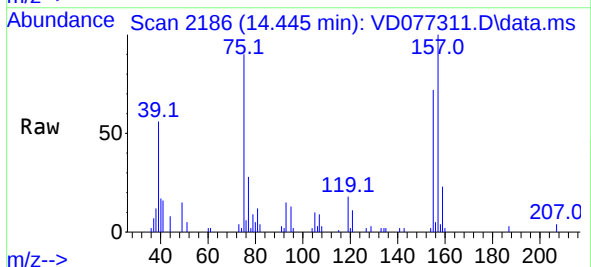
Tgt Ion: 75 Resp: 19877

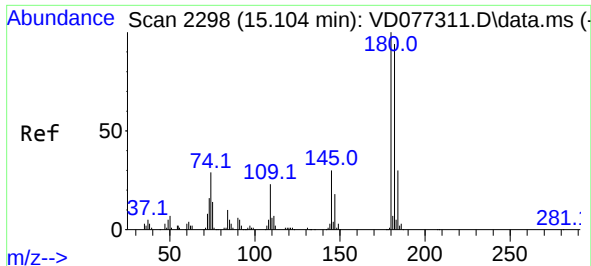
Ion Ratio Lower Upper

75 100

155 87.1 47.9 143.8

157 114.0 59.9 179.7

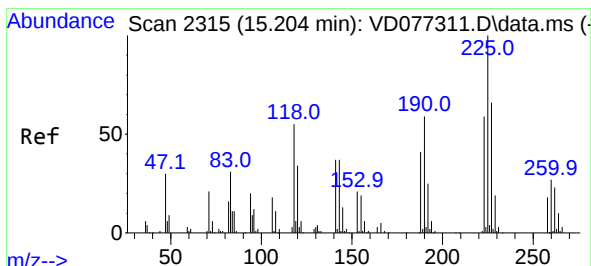
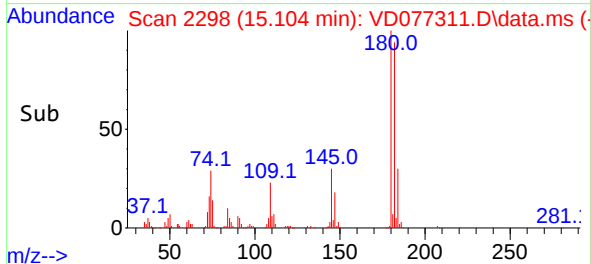
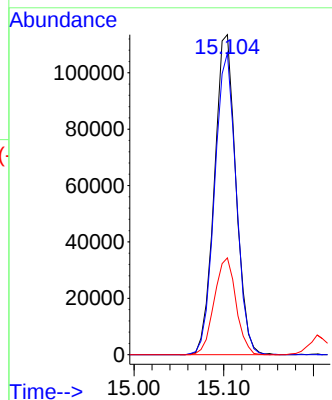
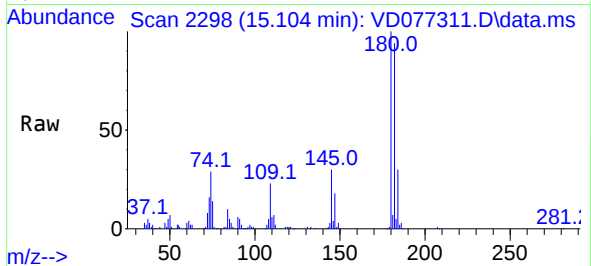




#93
1,2,4-Trichlorobenzene
Concen: 52.755 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

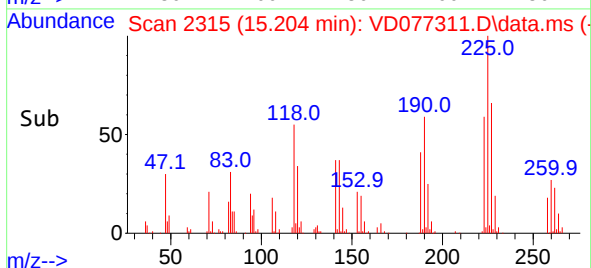
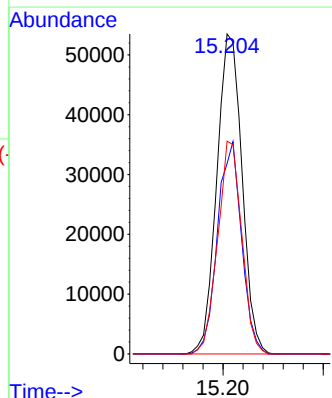
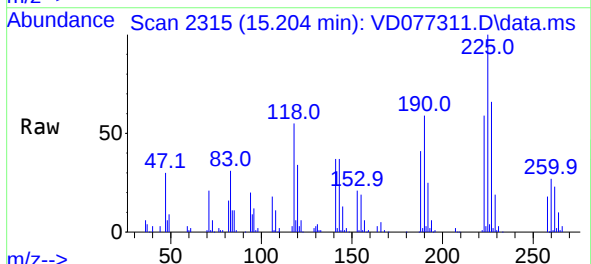
Instrument :
MSVOA_D
ClientSampleId :

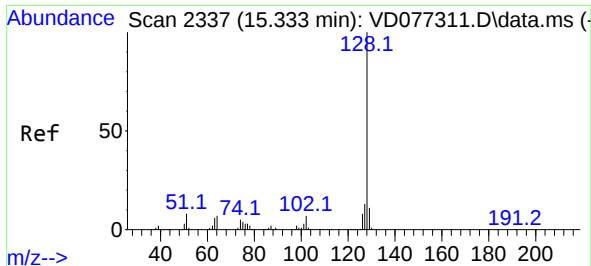
Tgt Ion:180 Resp: 188969
Ion Ratio Lower Upper
180 100
182 94.2 48.5 145.6
145 30.6 14.2 42.6



#94
Hexachlorobutadiene
Concen: 52.175 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion:225 Resp: 93430
Ion Ratio Lower Upper
225 100
223 63.2 31.6 94.8
227 63.4 31.7 95.1

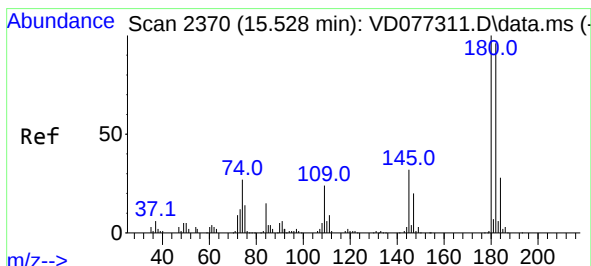
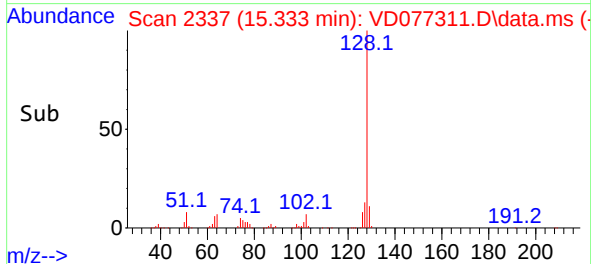
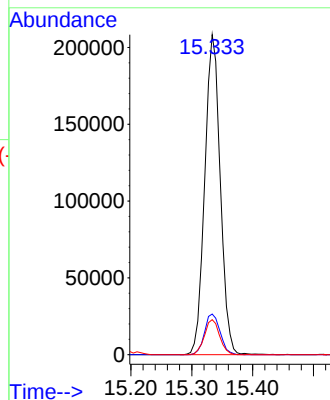
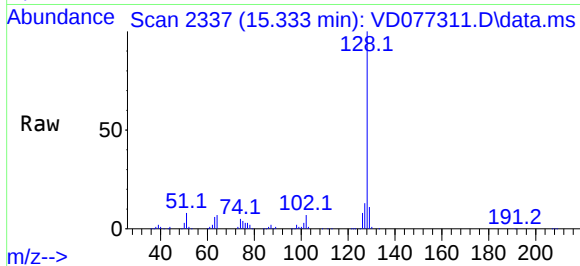




#95
Naphthalene
Concen: 53.113 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 368899
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.682 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD077311.D
Acq: 11 Oct 2023 17:38

Tgt Ion:180 Resp: 166757
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 32.2 15.1 45.3

