

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
 Data File : VD077319.D
 Acq On : 12 Oct 2023 16:03
 Operator : JC/SY
 Sample : VD1012SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1012SBS01

Quant Time: Oct 13 02:31:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	267219	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	481063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	422362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	194512	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97458	46.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.780%
35) Dibromofluoromethane	7.804	113	114997	45.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.820%
50) Toluene-d8	10.269	98	388913	46.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.575	95	123300	43.705	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	51725	21.118	ug/l	97
3) Chloromethane	2.146	50	77161	19.963	ug/l	99
4) Vinyl Chloride	2.281	62	75080	17.544	ug/l	99
5) Bromomethane	2.687	94	59642	19.335	ug/l	100
6) Chloroethane	2.834	64	59662	20.596	ug/l	100
7) Trichlorofluoromethane	3.175	101	101829	22.129	ug/l	100
8) Diethyl Ether	3.587	74	29745	18.678	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.963	101	64529	20.350	ug/l	95
10) Methyl Iodide	4.163	142	70301	17.487	ug/l	# 89
11) Tert butyl alcohol	5.046	59	14036	87.355	ug/l	# 87
12) 1,1-Dichloroethene	3.934	96	59155	19.127	ug/l	92
13) Acrolein	3.799	56	9526	46.803	ug/l	# 55
14) Allyl chloride	4.557	41	78925	18.579	ug/l	92
15) Acrylonitrile	5.257	53	65024	85.701	ug/l	100
16) Acetone	4.016	43	62287	94.887	ug/l	# 85
17) Carbon Disulfide	4.269	76	168168	17.864	ug/l	97
18) Methyl Acetate	4.552	43	44602	16.771	ug/l	91
19) Methyl tert-butyl Ether	5.310	73	121971	17.528	ug/l	99
20) Methylene Chloride	4.793	84	81643	11.730	ug/l	# 85
21) trans-1,2-Dichloroethene	5.310	96	67735	18.301	ug/l	96
22) Diisopropyl ether	6.210	45	178119	18.421	ug/l	# 93
23) Vinyl Acetate	6.151	43	392932	86.323	ug/l	# 92
24) 1,1-Dichloroethane	6.104	63	121324	19.072	ug/l	94
25) 2-Butanone	7.081	43	77940	88.536	ug/l	# 79
26) 2,2-Dichloropropane	7.069	77	100077	19.576	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	76760	18.671	ug/l	94
28) Bromochloromethane	7.422	49	43892	17.441	ug/l	# 78
29) Tetrahydrofuran	7.440	42	44214	82.929	ug/l	87
30) Chloroform	7.593	83	124123	19.096	ug/l	97
31) Cyclohexane	7.875	56	97042	19.030	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	104261	19.915	ug/l	99
36) 1,1-Dichloropropene	8.010	75	91823	19.617	ug/l	96
37) Ethyl Acetate	7.163	43	33358	17.087	ug/l	97
38) Carbon Tetrachloride	7.992	117	87124	20.671	ug/l	98
39) Methylcyclohexane	9.275	83	101010	18.826	ug/l	92
40) Benzene	8.251	78	277962	19.484	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	16142	15.897	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	66095	19.435	ug/l	98
43) Isopropyl Acetate	8.357	43	62163	17.982	ug/l	94
44) Trichloroethene	9.028	130	69207	19.627	ug/l	92
45) 1,2-Dichloropropane	9.304	63	68985	18.881	ug/l	97
46) Dibromomethane	9.392	93	33800	17.392	ug/l	89
47) Bromodichloromethane	9.587	83	88278	18.768	ug/l	96
48) Methyl methacrylate	9.381	41	28215	17.146	ug/l #	80
49) 1,4-Dioxane	9.387	88	6626	328.071	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	154879	85.633	ug/l	93
52) Toluene	10.334	92	170357	19.298	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	81266	18.127	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	101741	18.365	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	50145	19.097	ug/l	97
56) Ethyl methacrylate	10.598	69	52718	16.874	ug/l	93
57) 1,3-Dichloropropane	10.881	76	81572	18.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	127650	85.791	ug/l	93
59) 2-Hexanone	10.922	43	115214	89.703	ug/l	89
60) Dibromochloromethane	11.075	129	55640	18.515	ug/l	96
61) 1,2-Dibromoethane	11.175	107	43891	18.124	ug/l	96
64) Tetrachloroethene	10.810	164	52689	19.717	ug/l	93
65) Chlorobenzene	11.610	112	176407	20.187	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	61516	19.855	ug/l	96
67) Ethyl Benzene	11.686	91	308886	19.401	ug/l	99
68) m/p-Xylenes	11.792	106	241639	39.764	ug/l	90
69) o-Xylene	12.122	106	109694	19.316	ug/l	89
70) Styrene	12.133	104	189430	19.294	ug/l	95
71) Bromoform	12.298	173	29559	18.921	ug/l #	96
73) Isopropylbenzene	12.422	105	290532	19.844	ug/l	96
74) N-amyl acetate	12.233	43	56324	18.505	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	54085	18.851	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	38793m	19.254	ug/l	
77) Bromobenzene	12.704	156	64168	19.512	ug/l	85
78) n-propylbenzene	12.763	91	370376	20.047	ug/l	95
79) 2-Chlorotoluene	12.851	91	199869	20.150	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	241887	19.986	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	17377	19.276	ug/l	95
82) 4-Chlorotoluene	12.945	91	215007	20.625	ug/l	93
83) tert-Butylbenzene	13.169	119	199000	19.596	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	241879	19.804	ug/l	94
85) sec-Butylbenzene	13.345	105	323309	20.403	ug/l	95
86) p-Isopropyltoluene	13.463	119	259080	19.881	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	136591	19.726	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	138151	20.323	ug/l	98
89) n-Butylbenzene	13.786	91	252114	19.751	ug/l	97
90) Hexachloroethane	14.057	117	51317	20.220	ug/l	90
91) 1,2-Dichlorobenzene	13.833	146	116948	19.625	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6633	17.513	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	66549	18.248	ug/l	96
94) Hexachlorobutadiene	15.210	225	35402	19.620	ug/l	99
95) Naphthalene	15.333	128	120095	16.976	ug/l	97
96) 1,2,3-Trichlorobenzene	15.527	180	59870	18.631	ug/l	97

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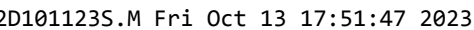
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

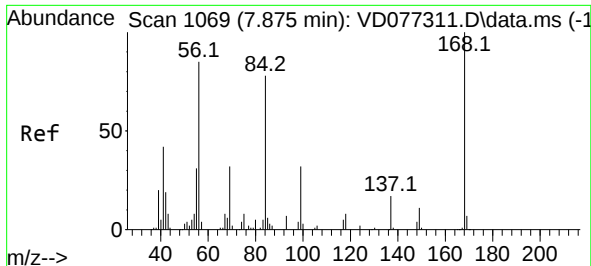
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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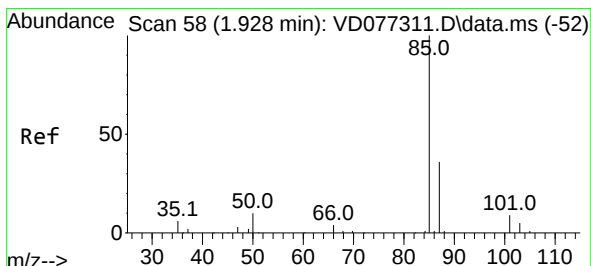
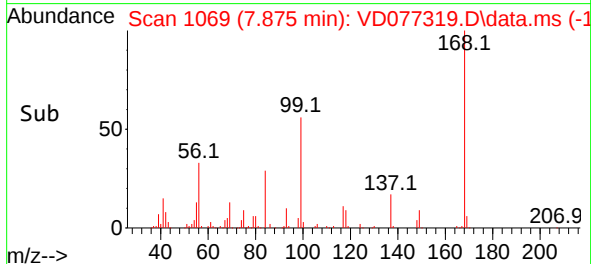
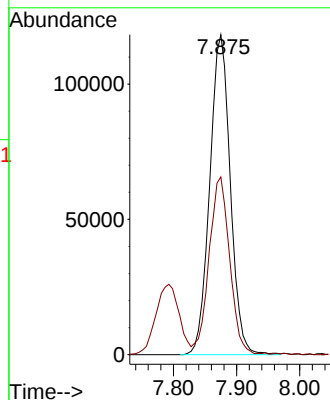
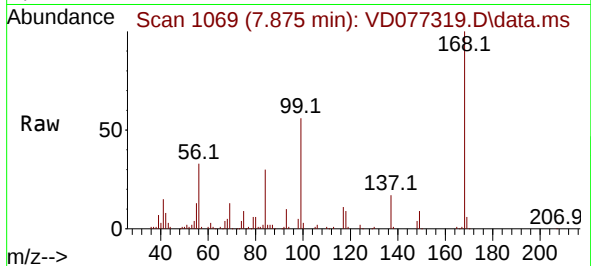




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077319.D
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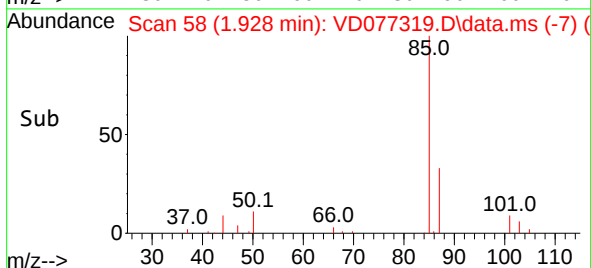
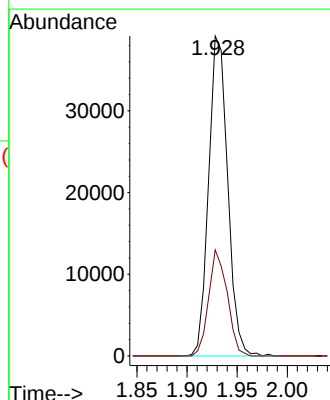
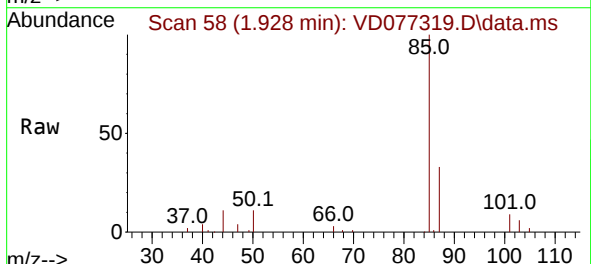
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

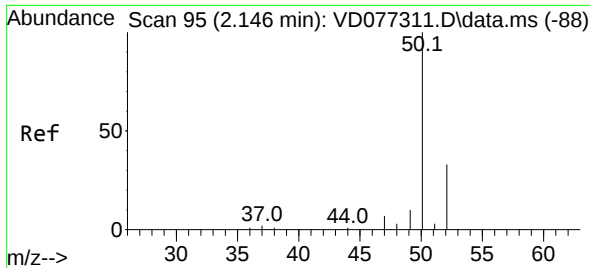
Tgt Ion:168 Resp: 267219
Ion Ratio Lower Upper
168 100
99 55.3 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 21.118 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 85 Resp: 51725
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0

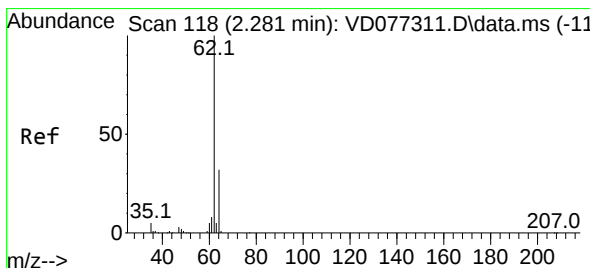
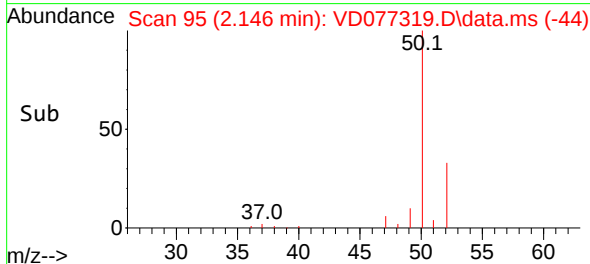
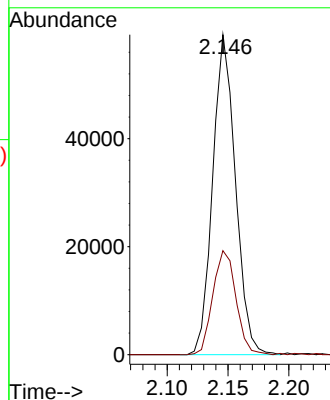
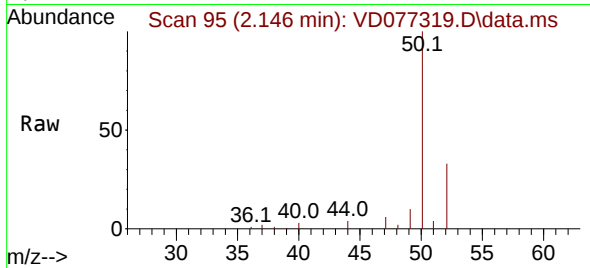




#3
Chloromethane
Concen: 19.963 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

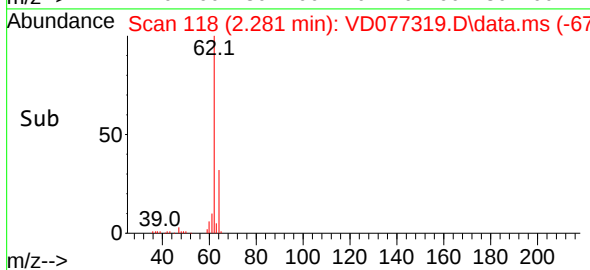
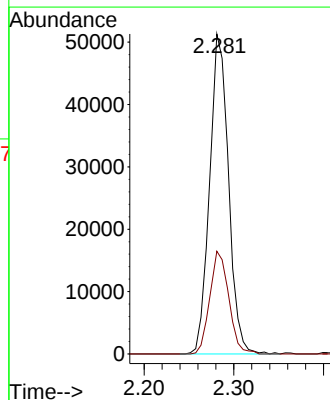
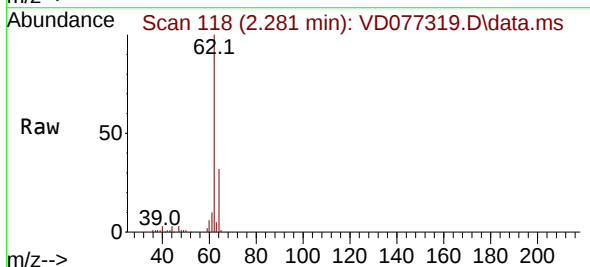
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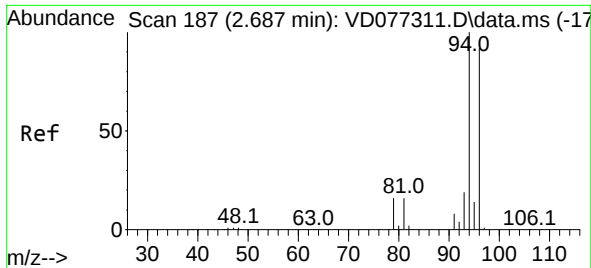
Tgt Ion: 50 Resp: 77161
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 17.544 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 62 Resp: 75080
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

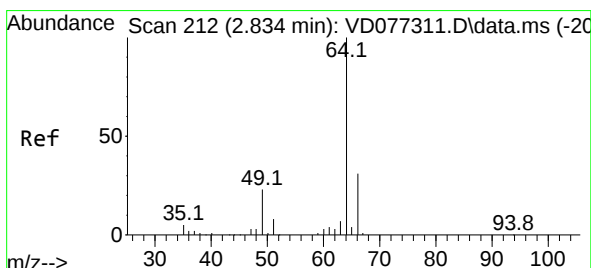
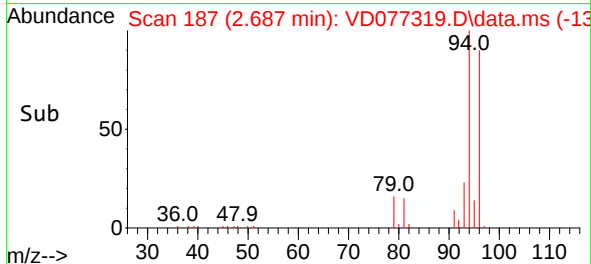
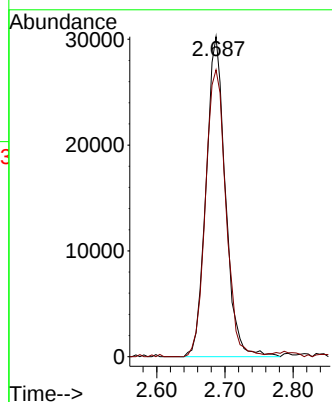
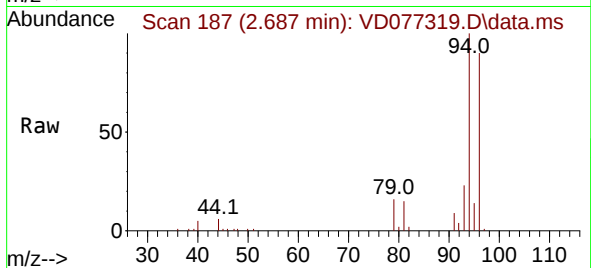




#5
Bromomethane
Concen: 19.335 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

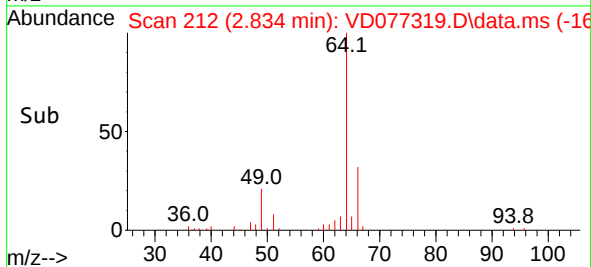
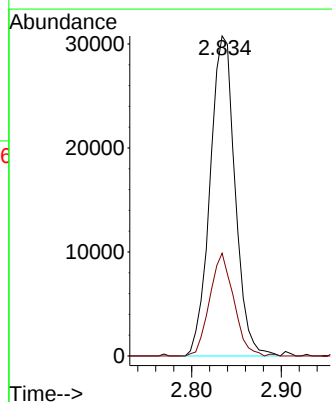
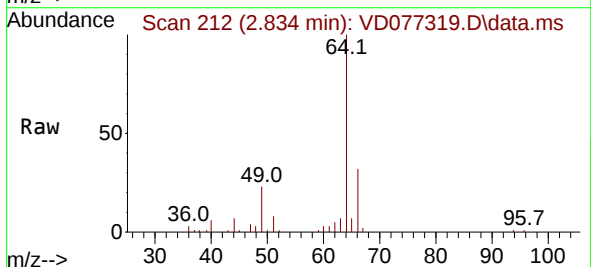
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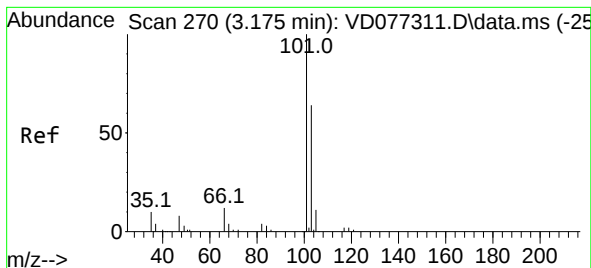
Tgt Ion: 94 Resp: 59642
Ion Ratio Lower Upper
94 100
96 94.9 75.8 113.8



#6
Chloroethane
Concen: 20.596 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 64 Resp: 59662
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3





#7

Trichlorofluoromethane

Concen: 22.129 ug/l

RT: 3.175 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

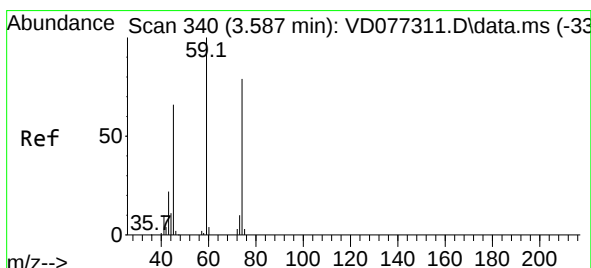
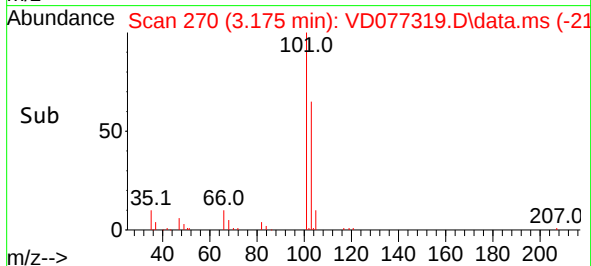
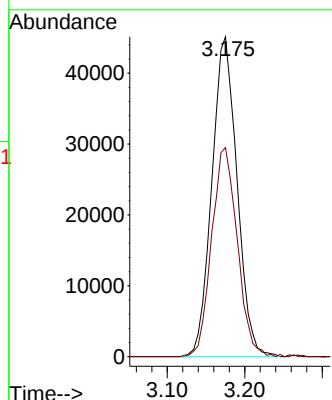
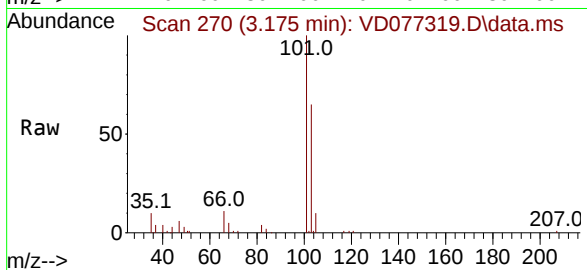
VD1012SBSD01

Tgt Ion:101 Resp: 101829

Ion Ratio Lower Upper

101 100

103 65.3 52.3 78.5



#8

Diethyl Ether

Concen: 18.678 ug/l

RT: 3.587 min Scan# 340

Delta R.T. -0.000 min

Lab File: VD077319.D

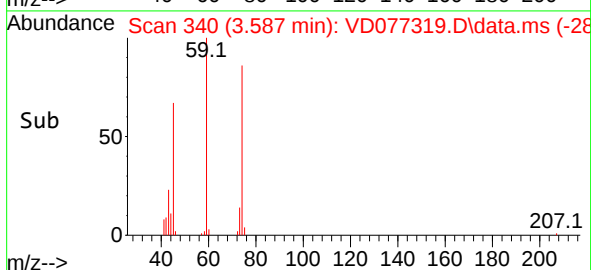
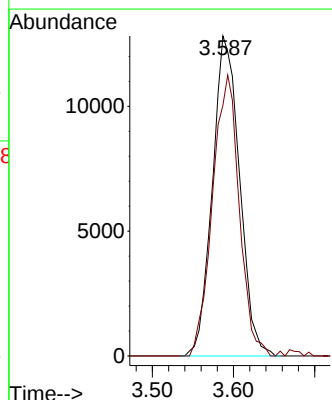
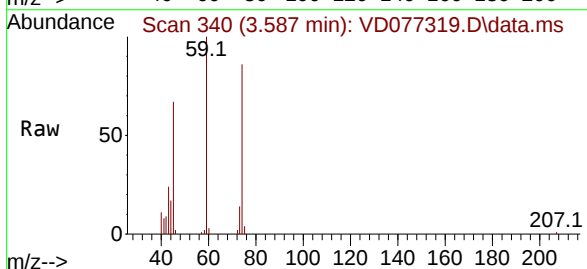
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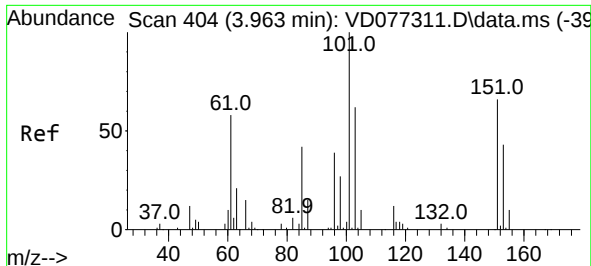
Tgt Ion: 74 Resp: 29745

Ion Ratio Lower Upper

74 100

45 86.4 37.5 112.7

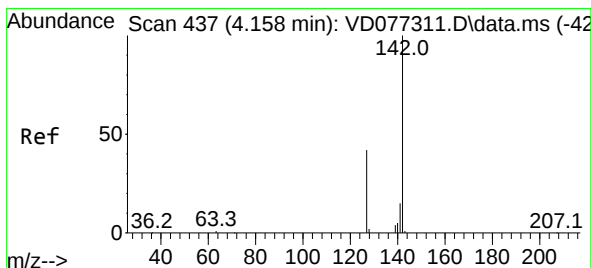
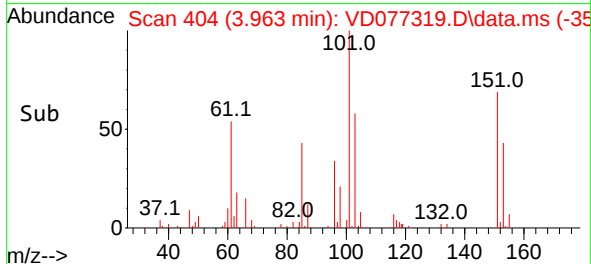
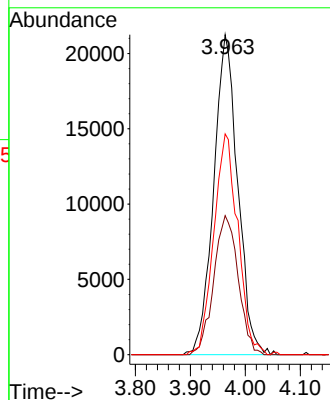
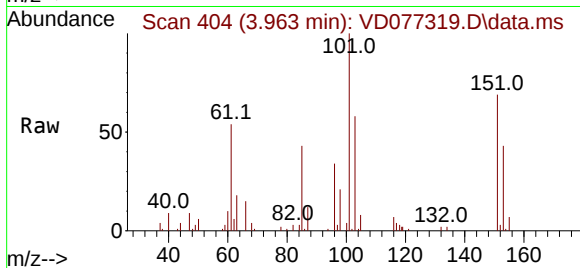




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.350 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

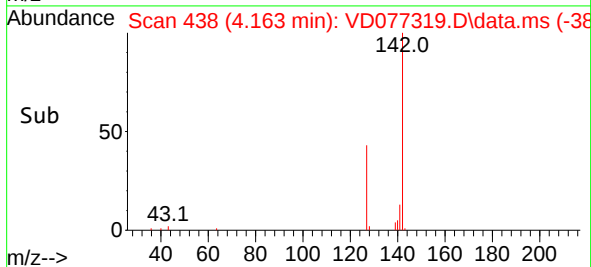
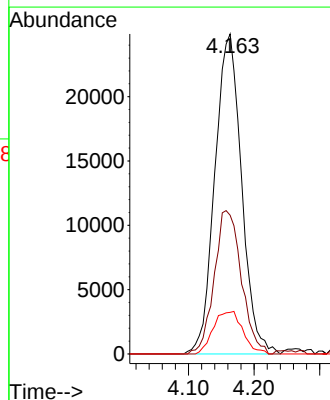
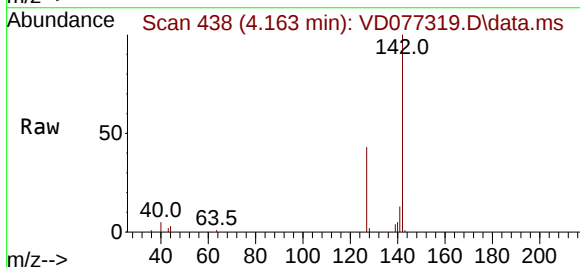
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

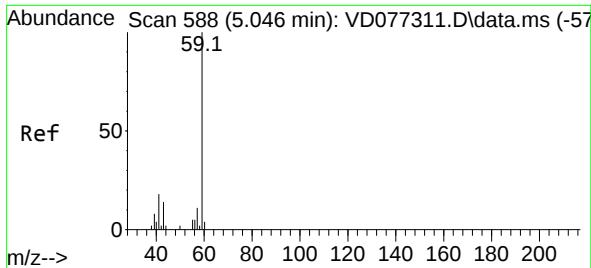
Tgt Ion:	101	Resp:	64529
Ion	Ratio	Lower	Upper
101	100		
85	44.3	33.8	50.6
151	69.0	59.8	89.6



#10
Methyl Iodide
Concen: 17.487 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion:	142	Resp:	70301
Ion	Ratio	Lower	Upper
142	100		
127	45.5	29.4	44.0#
141	14.7	11.1	16.7

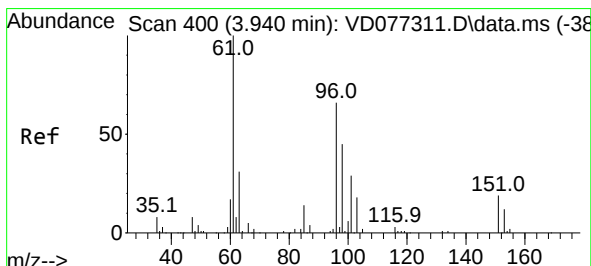
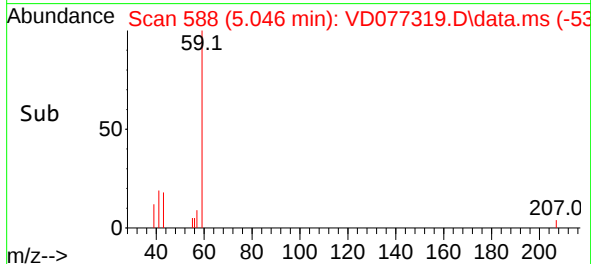
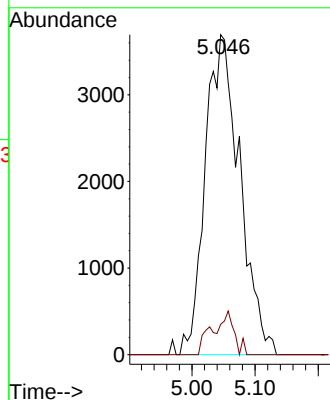
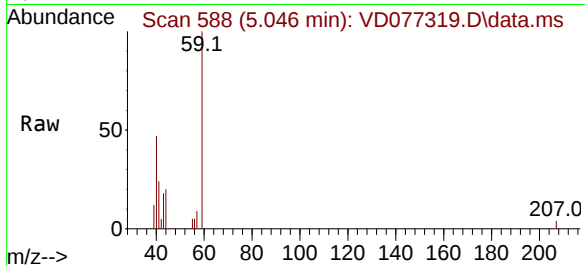




#11
Tert butyl alcohol
Concen: 87.355 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

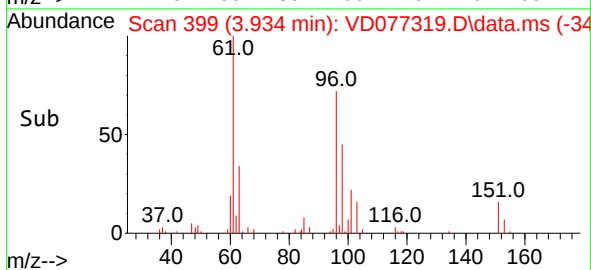
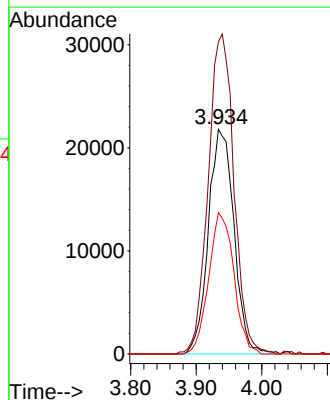
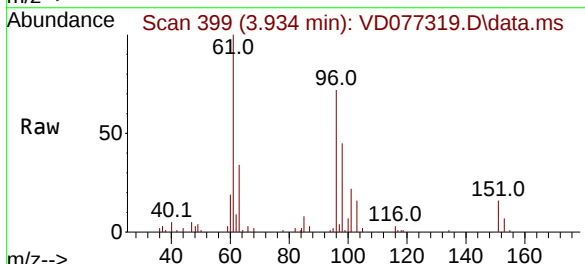
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

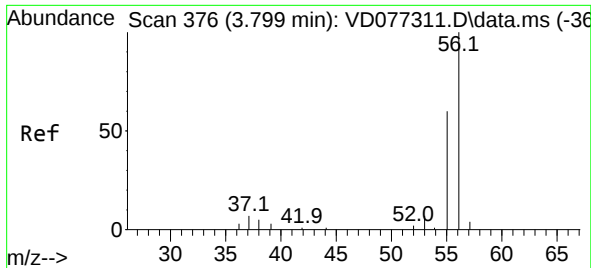
Tgt Ion: 59 Resp: 14036
Ion Ratio Lower Upper
59 100
57 5.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.127 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 96 Resp: 59155
Ion Ratio Lower Upper
96 100
61 138.9 100.6 150.8
98 62.9 50.2 75.2

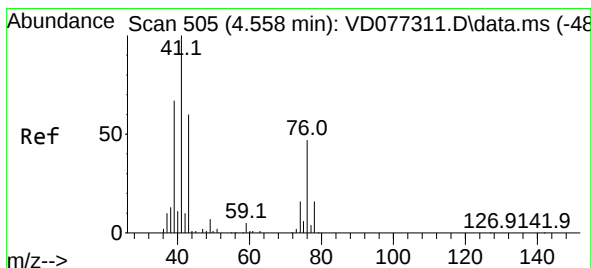
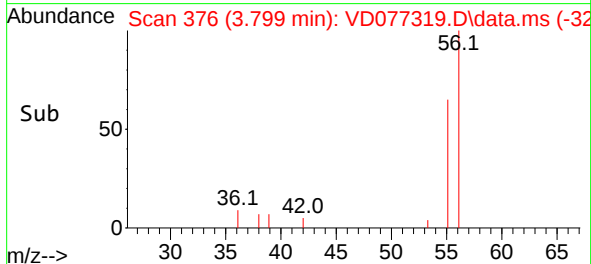
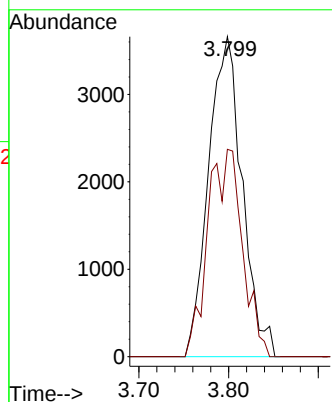
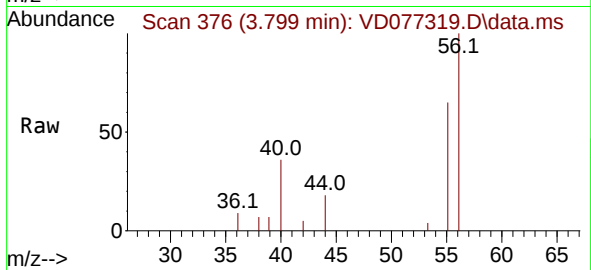




#13
Acrolein
Concen: 46.803 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

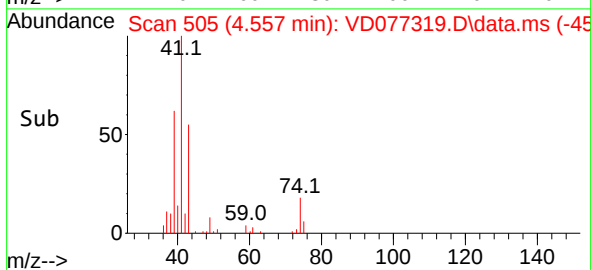
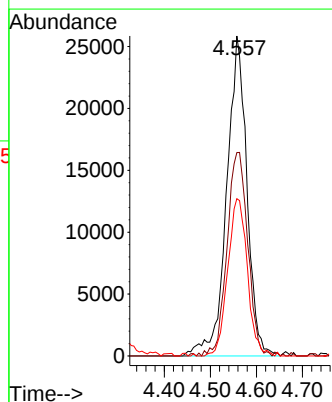
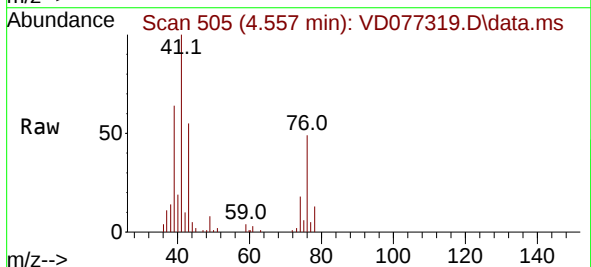
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

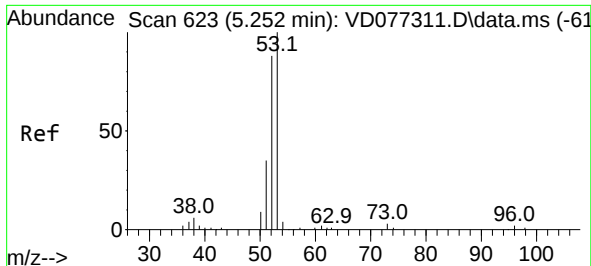
Tgt Ion: 56 Resp: 9526
Ion Ratio Lower Upper
56 100
55 32.2 55.1 82.7#



#14
Allyl chloride
Concen: 18.579 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 41 Resp: 78925
Ion Ratio Lower Upper
41 100
39 65.0 53.8 80.6
76 47.6 45.8 68.8





#15

Acrylonitrile

Concen: 85.701 ug/l

RT: 5.257 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VD1012SBSD01

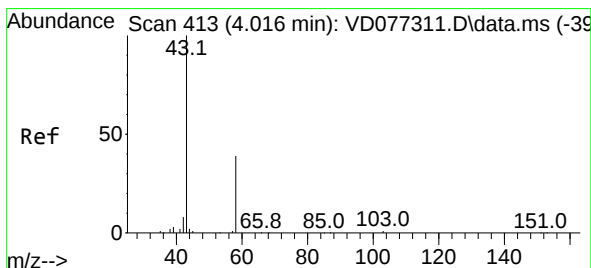
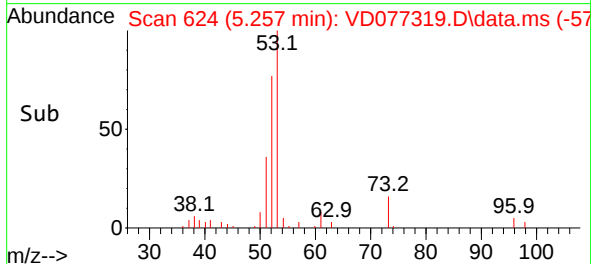
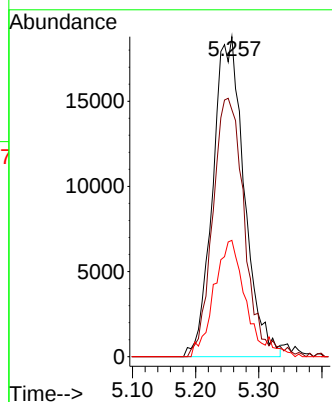
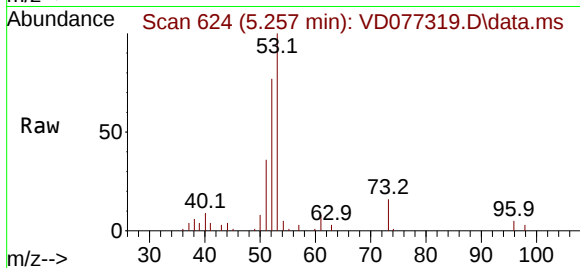
Tgt Ion: 53 Resp: 65024

Ion Ratio Lower Upper

53 100

52 81.5 65.0 97.4

51 35.0 28.3 42.5



#16

Acetone

Concen: 94.887 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD077319.D

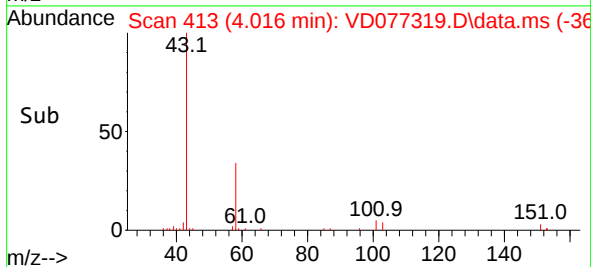
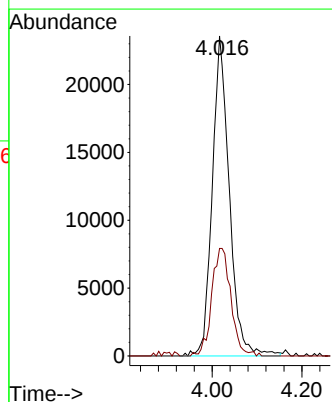
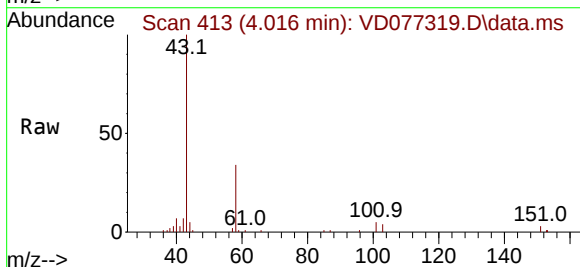
Acq: 12 Oct 2023 16:03

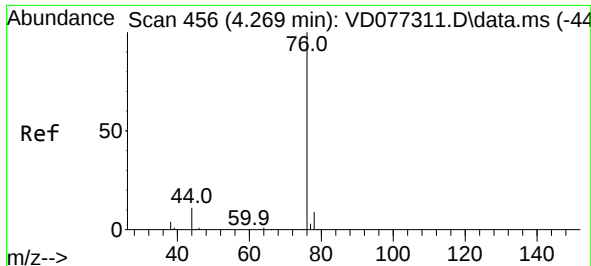
Tgt Ion: 43 Resp: 62287

Ion Ratio Lower Upper

43 100

58 33.6 34.7 52.1#

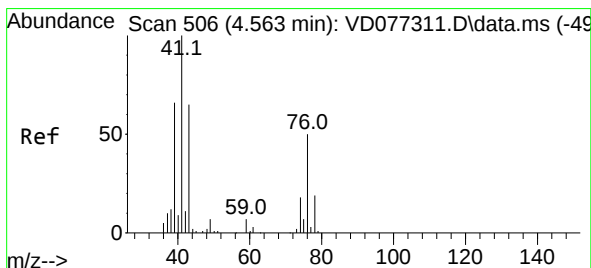
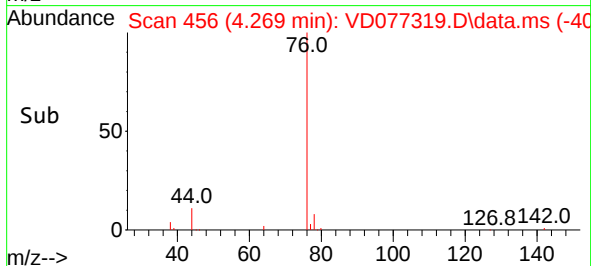
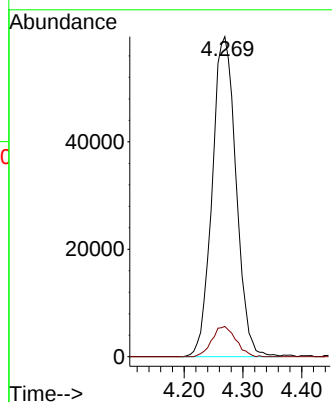
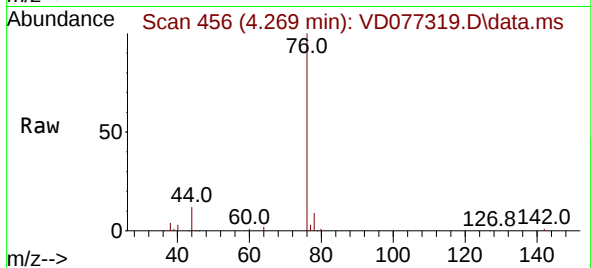




#17
Carbon Disulfide
Concen: 17.864 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

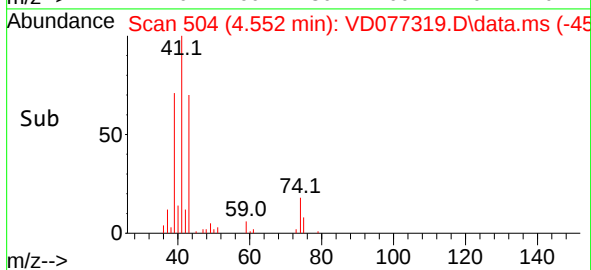
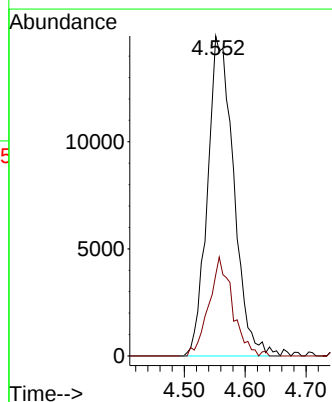
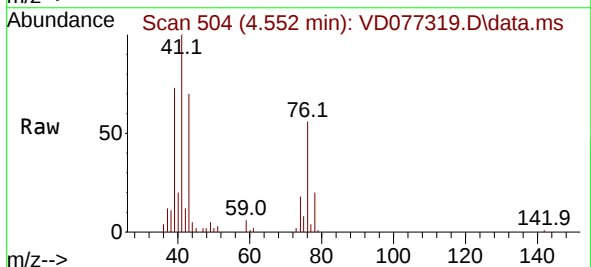
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

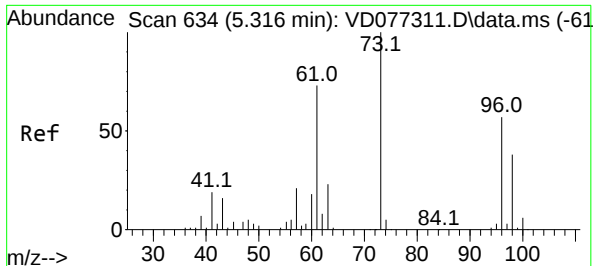
Tgt Ion: 76 Resp: 168168
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 16.771 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.012 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 43 Resp: 44602
Ion Ratio Lower Upper
43 100
74 27.7 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 17.528 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

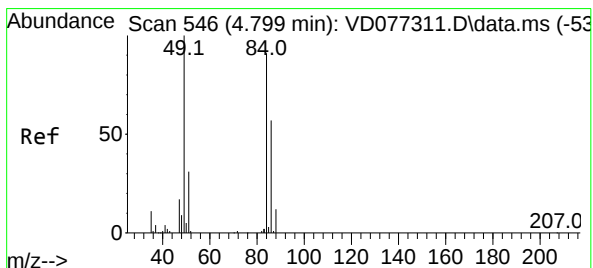
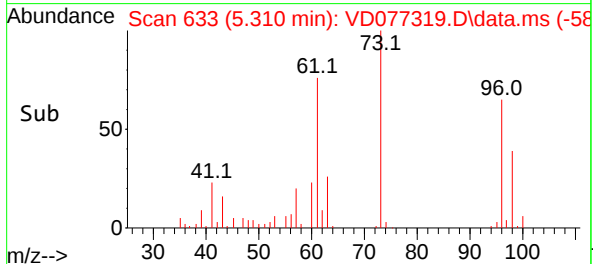
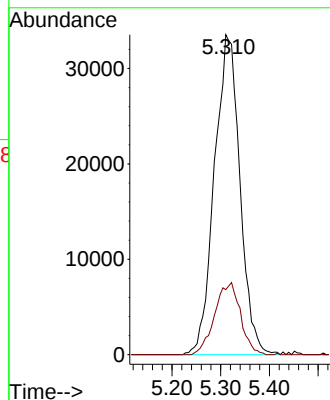
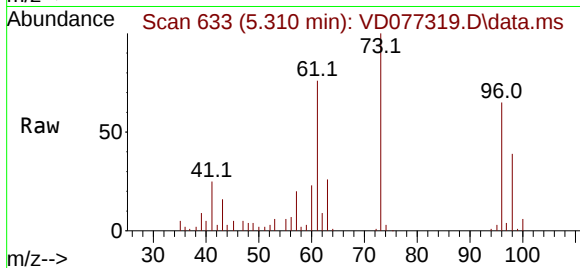
VD1012SBSD01

Tgt Ion: 73 Resp: 121971

Ion Ratio Lower Upper

73 100

57 20.3 16.6 25.0



#20

Methylene Chloride

Concen: 11.730 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Tgt Ion: 84 Resp: 81643

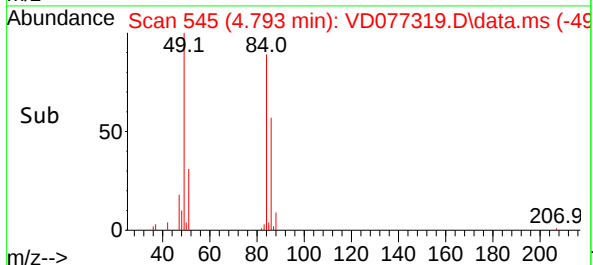
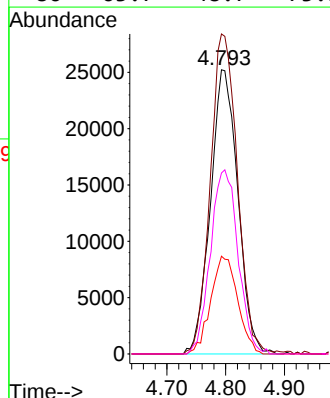
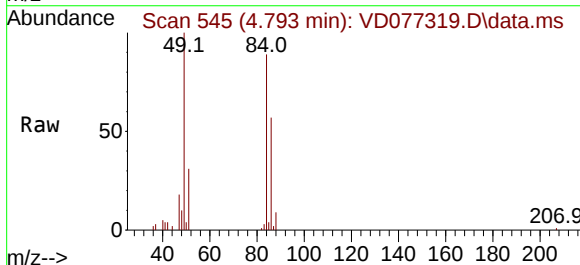
Ion Ratio Lower Upper

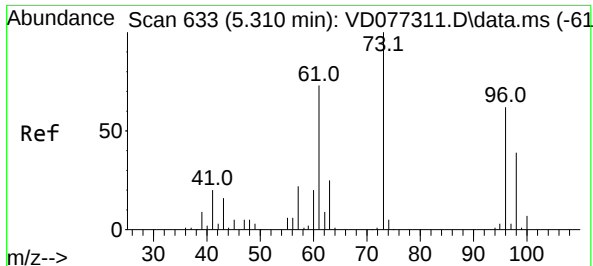
84 100

49 112.6 71.4 107.2#

51 34.4 24.5 36.7

86 63.7 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 18.301 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VD1012SBSD01

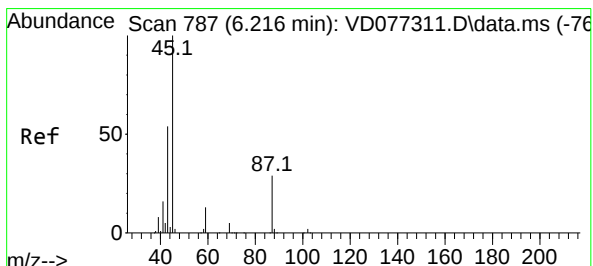
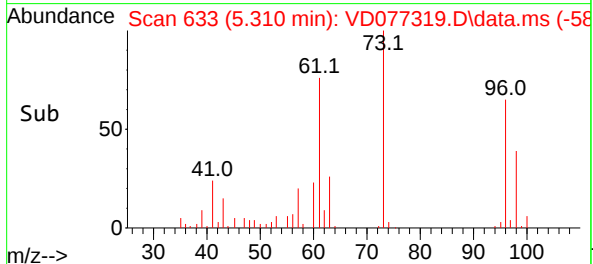
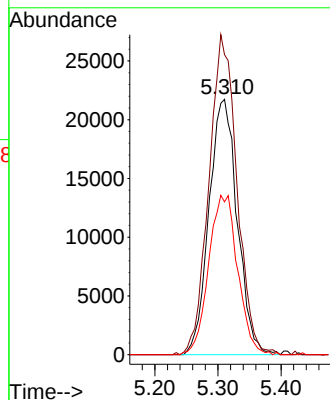
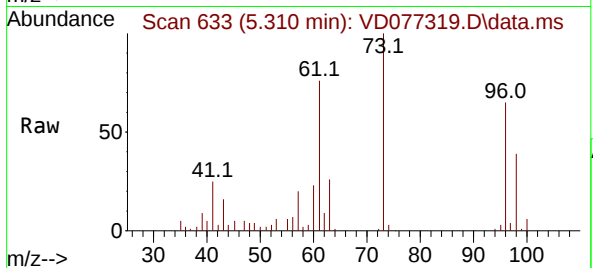
Tgt Ion: 96 Resp: 67735

Ion Ratio Lower Upper

96 100

61 117.4 89.3 133.9

98 59.8 48.6 73.0



#22

Diisopropyl ether

Concen: 18.421 ug/l

RT: 6.210 min Scan# 786

Delta R.T. -0.006 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Tgt Ion: 45 Resp: 178119

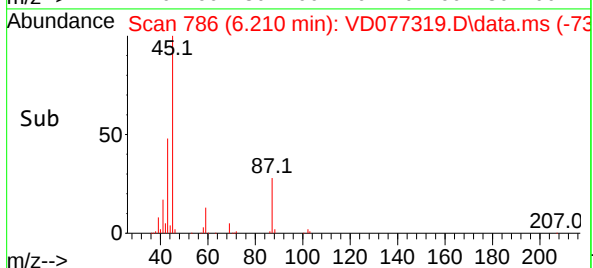
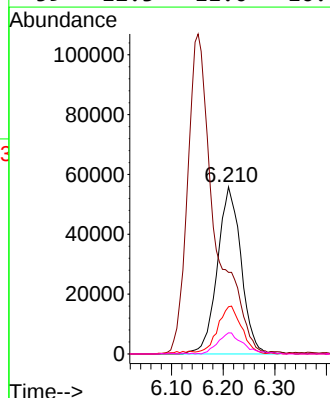
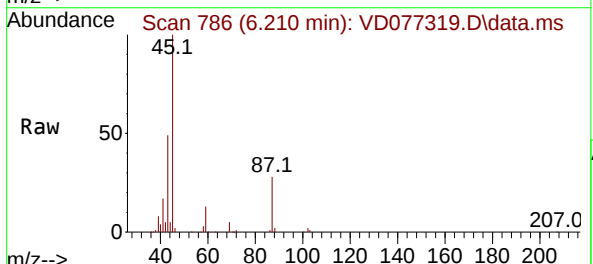
Ion Ratio Lower Upper

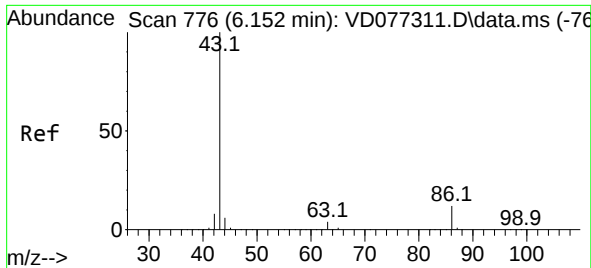
45 100

43 47.5 40.0 60.0

87 27.9 28.2 42.4#

59 12.3 11.0 16.4

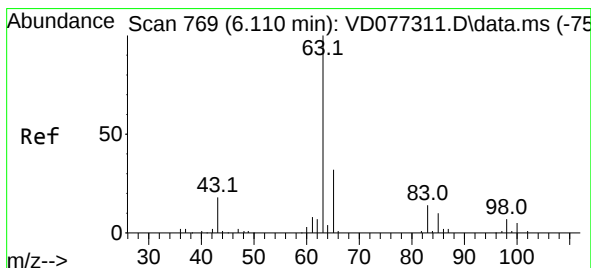
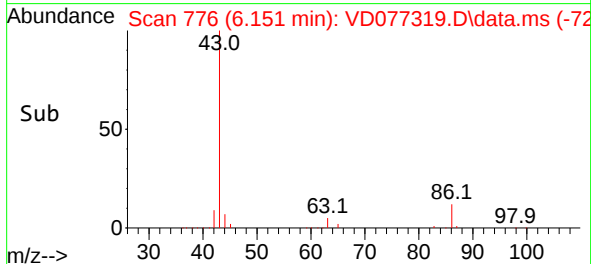
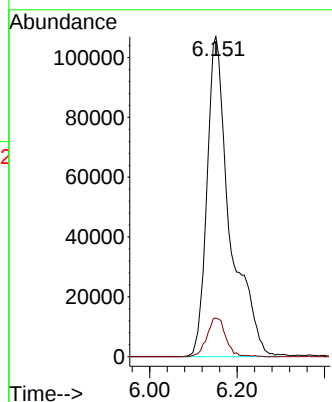
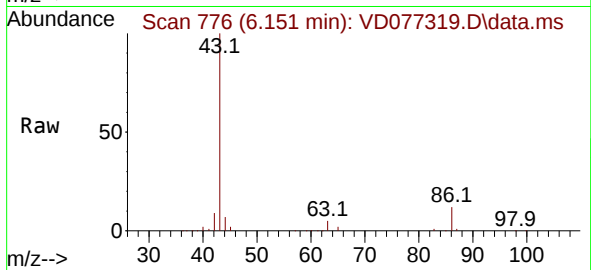




#23
 Vinyl Acetate
 Concen: 86.323 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.001 min
 Lab File: VD077319.D
 Acq: 12 Oct 2023 16:03

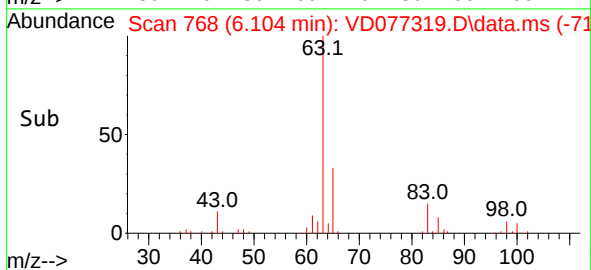
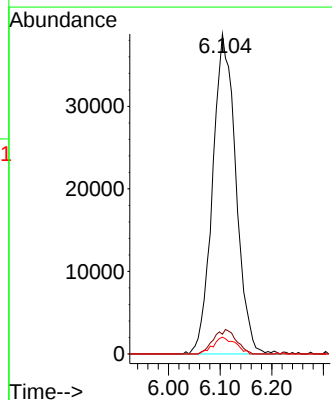
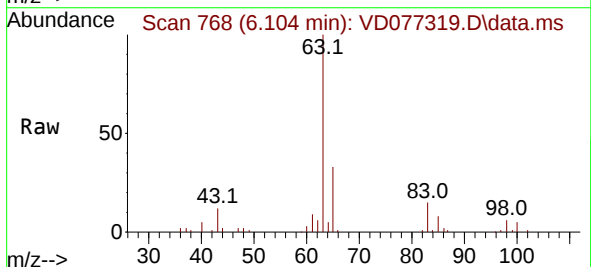
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1012SBSD01

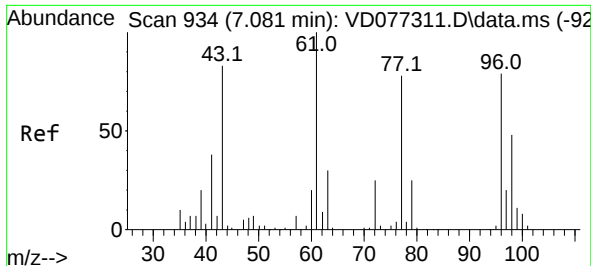
Tgt Ion: 43 Resp: 392932
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.072 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD077319.D
 Acq: 12 Oct 2023 16:03

Tgt Ion: 63 Resp: 121324
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.5 13.7
 100 5.2 2.5 7.5

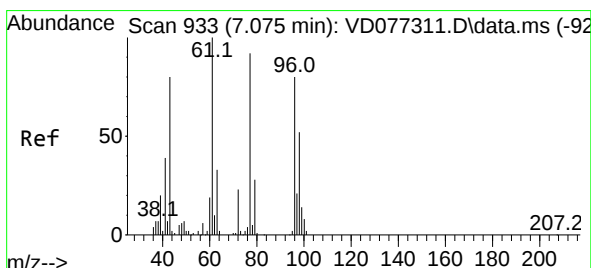
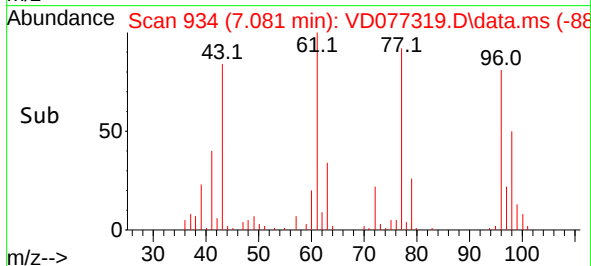
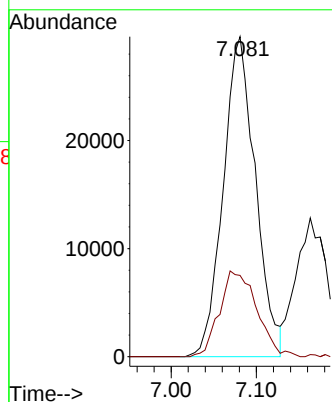
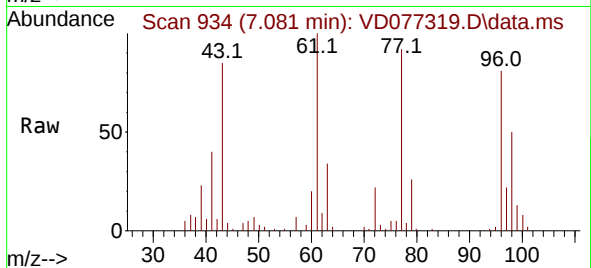




#25
2-Butanone
Concen: 88.536 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

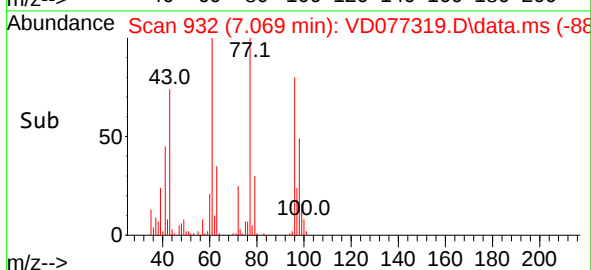
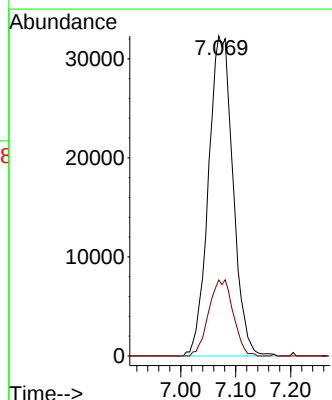
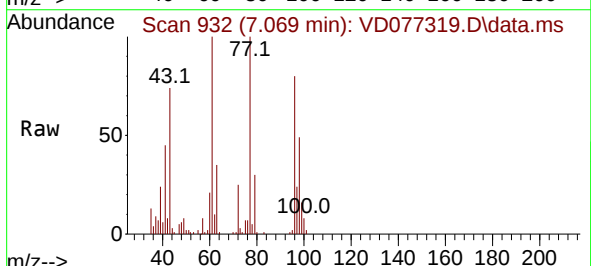
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

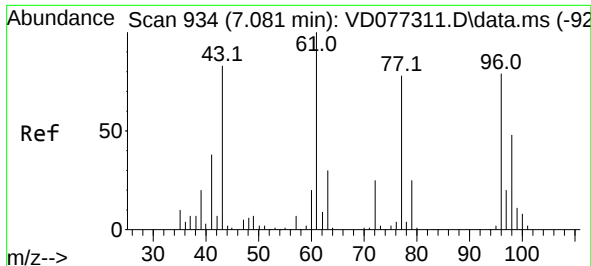
Tgt Ion: 43 Resp: 77940
Ion Ratio Lower Upper
43 100
72 25.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 19.576 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 77 Resp: 100077
Ion Ratio Lower Upper
77 100
97 23.8 13.2 39.6

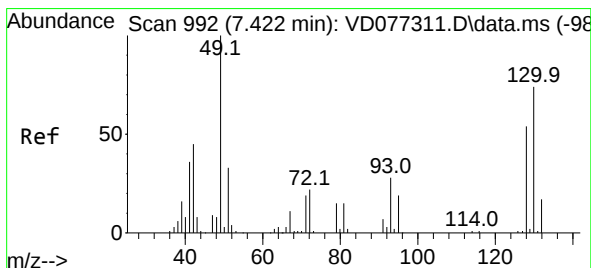
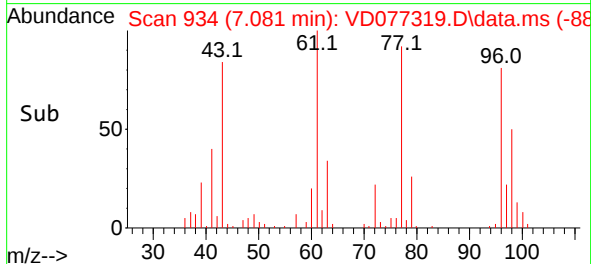
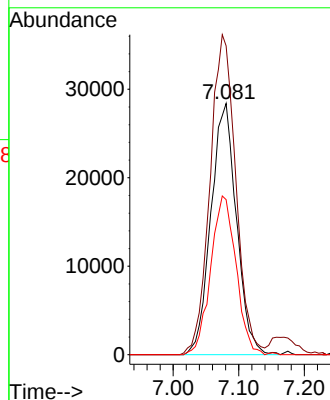
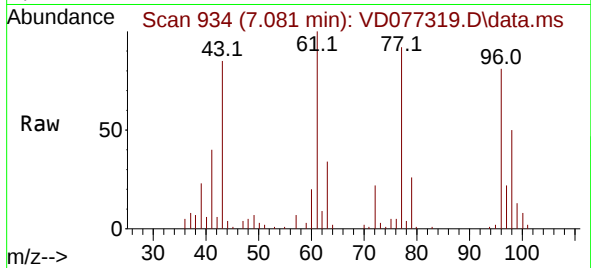




#27
 cis-1,2-Dichloroethene
 Concen: 18.671 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077319.D
 Acq: 12 Oct 2023 16:03

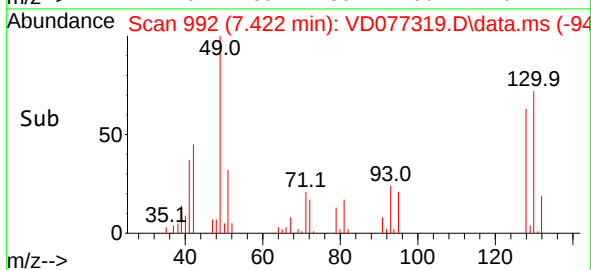
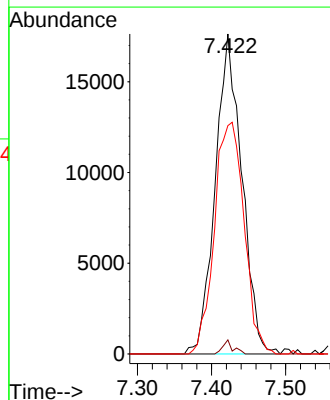
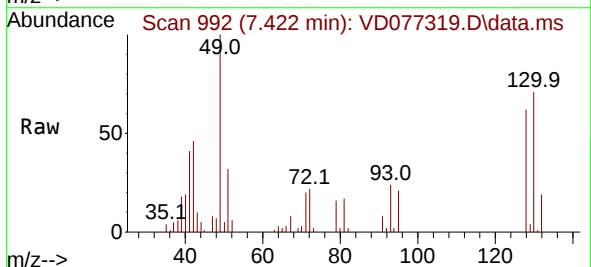
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1012SBSD01

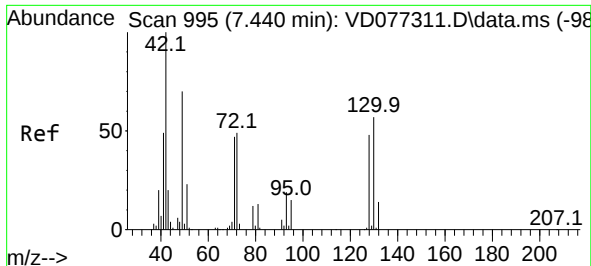
Tgt Ion: 96 Resp: 76760
 Ion Ratio Lower Upper
 96 100
 61 128.9 0.0 239.2
 98 62.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 17.441 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD077319.D
 Acq: 12 Oct 2023 16:03

Tgt Ion: 49 Resp: 43892
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 80.9 83.2 124.8#





#29

Tetrahydrofuran

Concen: 82.929 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VD1012SBSD01

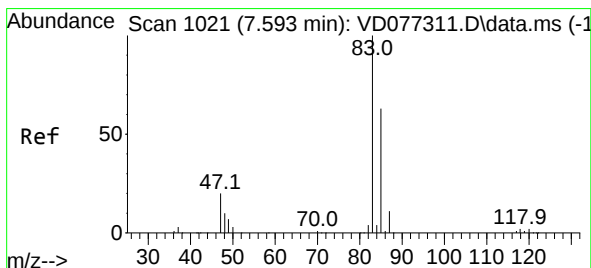
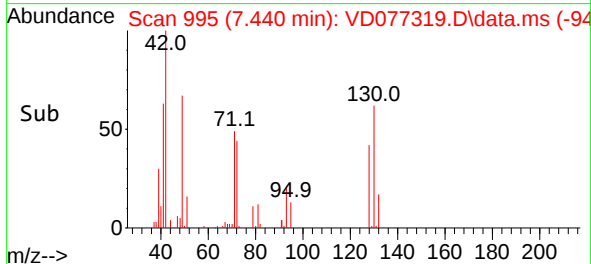
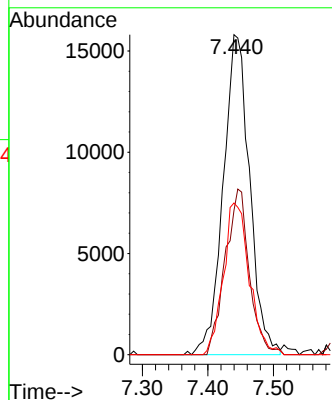
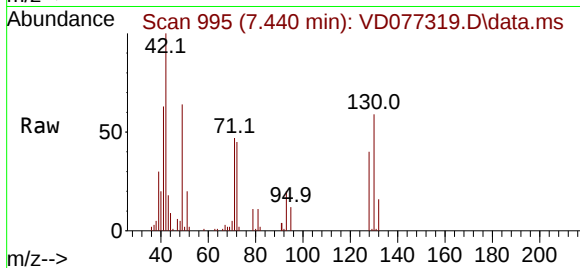
Tgt Ion: 42 Resp: 44214

Ion Ratio Lower Upper

42 100

72 47.3 46.5 69.7

71 46.7 44.5 66.7



#30

Chloroform

Concen: 19.096 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD077319.D

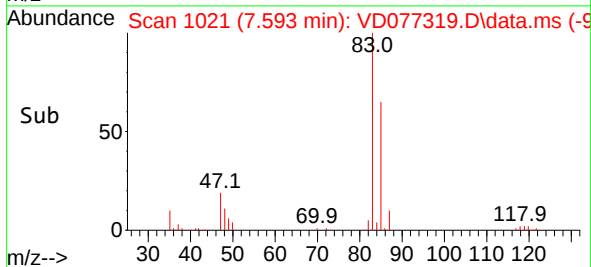
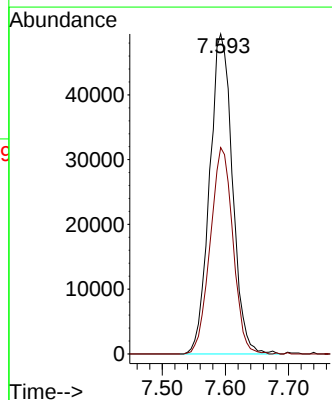
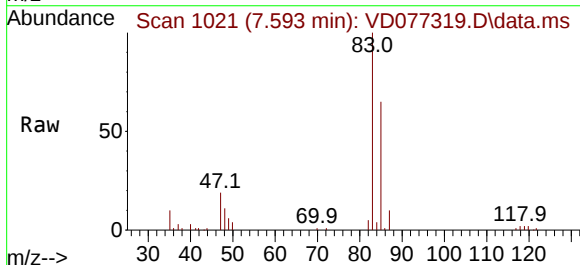
Acq: 12 Oct 2023 16:03

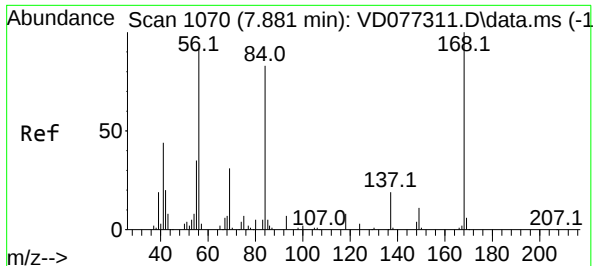
Tgt Ion: 83 Resp: 124123

Ion Ratio Lower Upper

83 100

85 64.5 53.4 80.2





#31

Cyclohexane

Concen: 19.030 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VD1012SBSD01

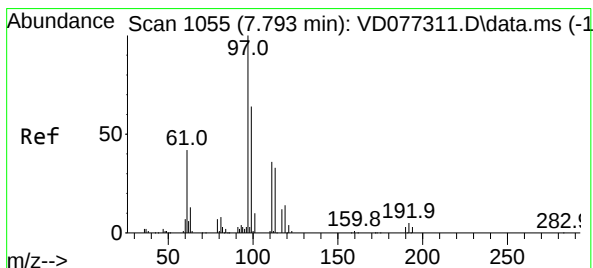
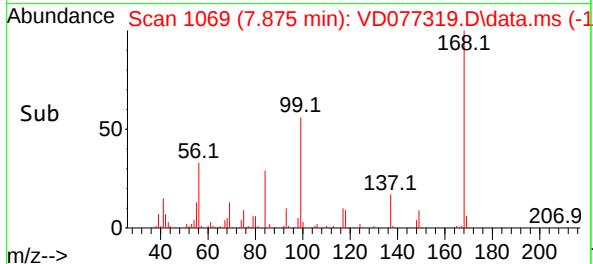
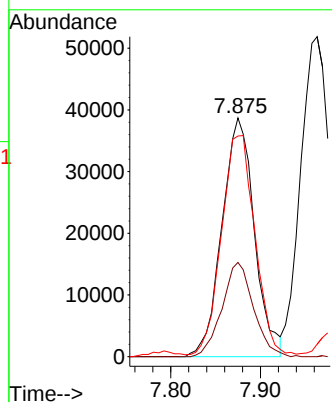
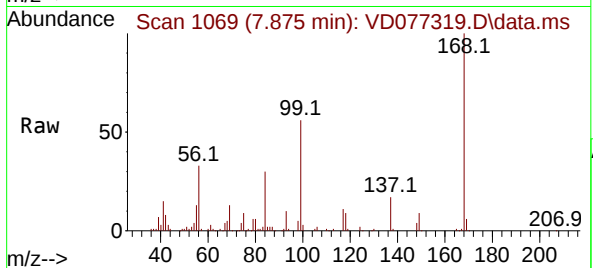
Tgt Ion: 56 Resp: 97042

Ion Ratio Lower Upper

56 100

69 39.4 28.6 43.0

84 91.2 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 19.915 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

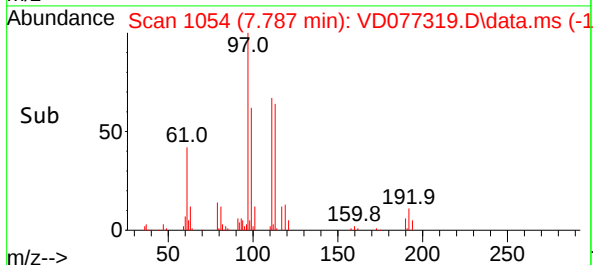
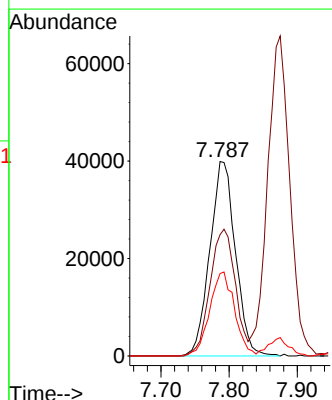
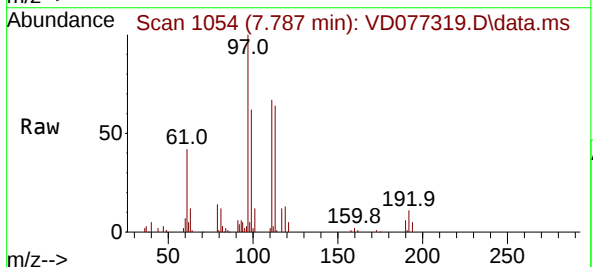
Tgt Ion: 97 Resp: 104261

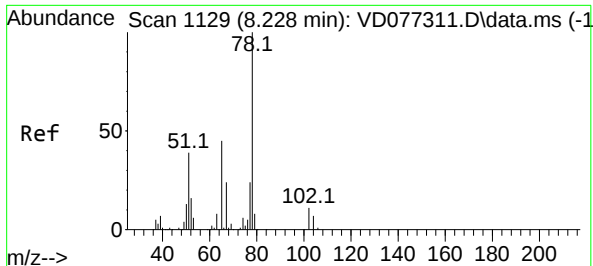
Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

61 41.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.390 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

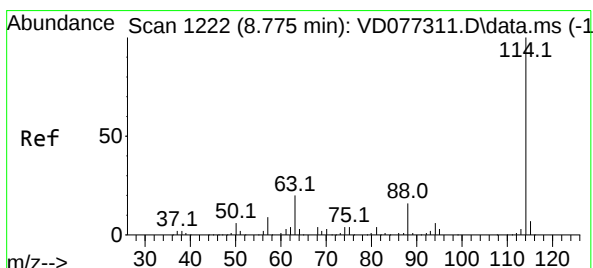
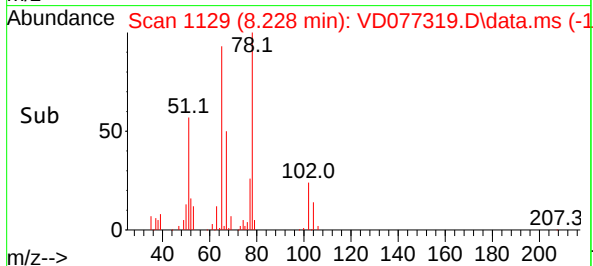
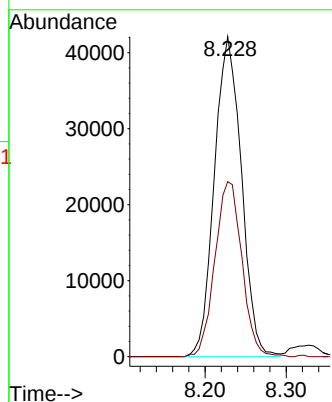
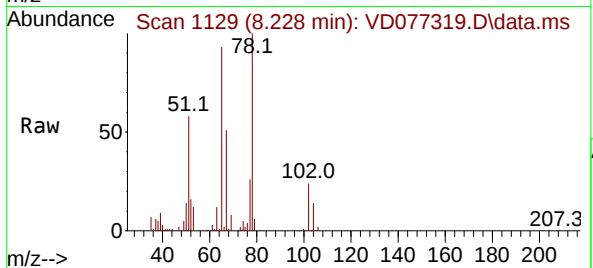
VD1012SBSD01

Tgt Ion: 65 Resp: 97458

Ion Ratio Lower Upper

65 100

67 54.6 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: VD077319.D

Acq: 12 Oct 2023 16:03

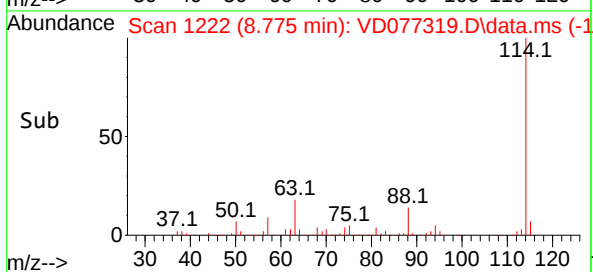
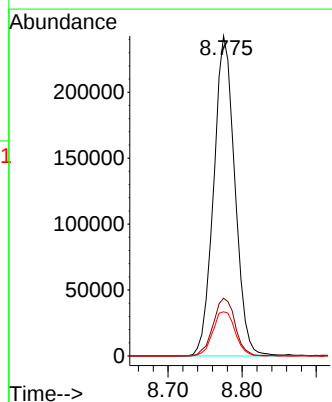
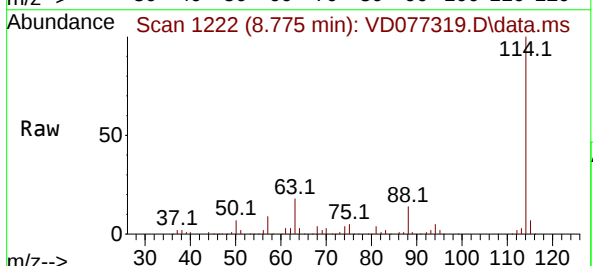
Tgt Ion: 114 Resp: 481063

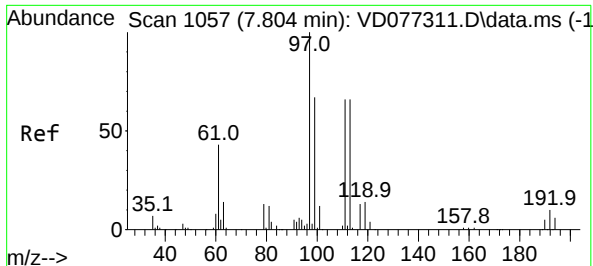
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 13.8 0.0 26.2

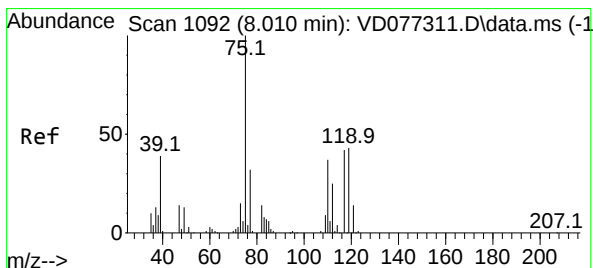
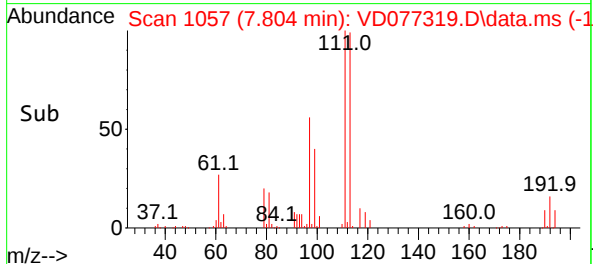
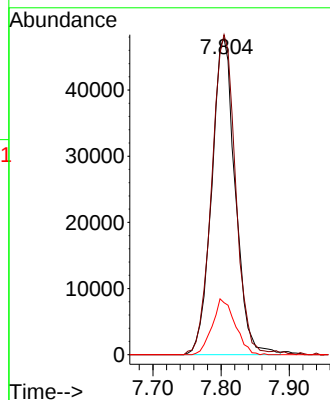
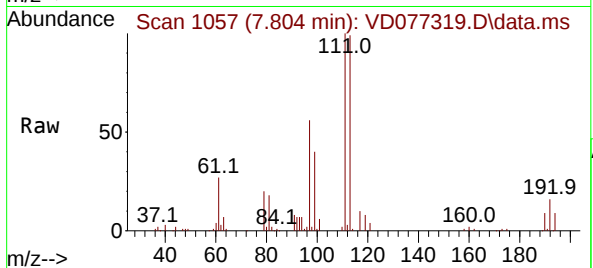




#35
Dibromofluoromethane
Concen: 45.906 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

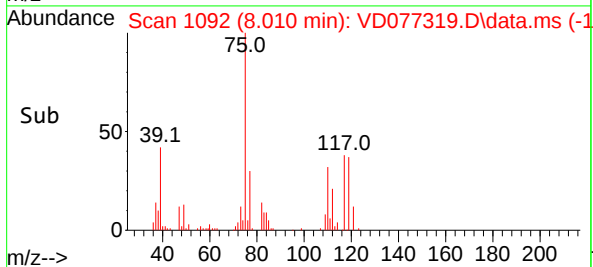
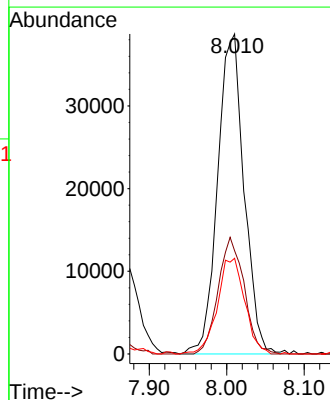
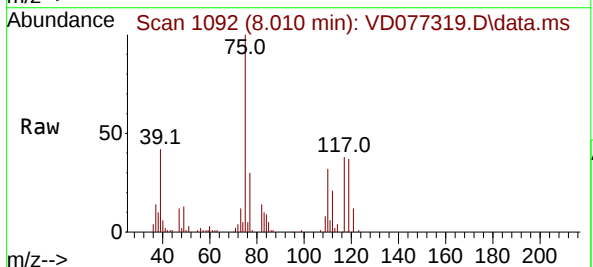
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

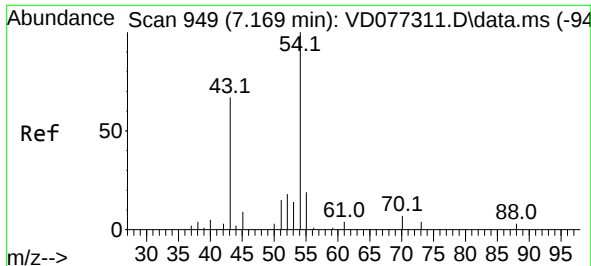
Tgt Ion:113 Resp: 114997
Ion Ratio Lower Upper
113 100
111 102.8 84.7 127.1
192 17.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.617 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 75 Resp: 91823
Ion Ratio Lower Upper
75 100
110 35.9 19.9 59.6
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 17.087 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

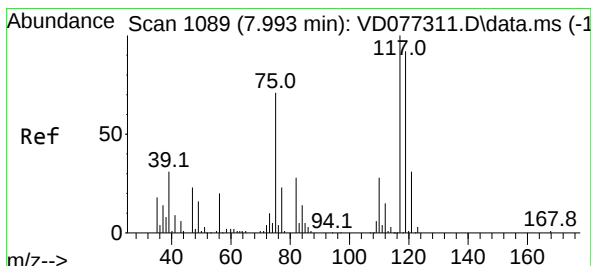
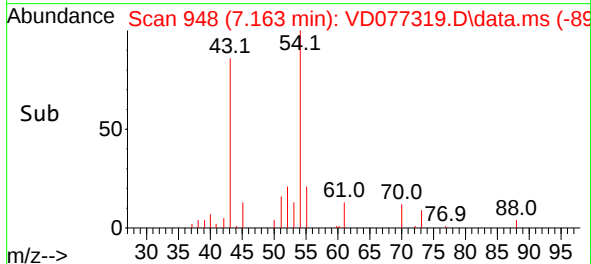
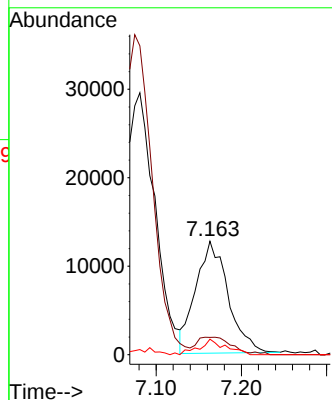
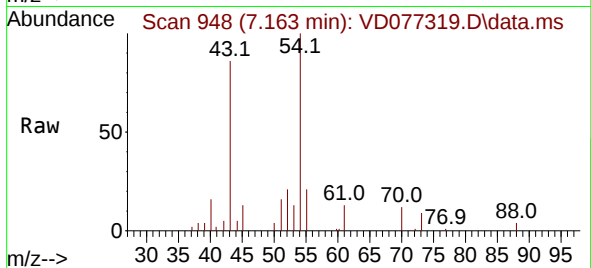
MSVOA_D

ClientSampleId :

VD1012SBSD01

Tgt Ion: 43 Resp: 33358

Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.9	22.3
70	11.3	10.0	15.0



#38

Carbon Tetrachloride

Concen: 20.671 ug/l

RT: 7.992 min Scan# 1089

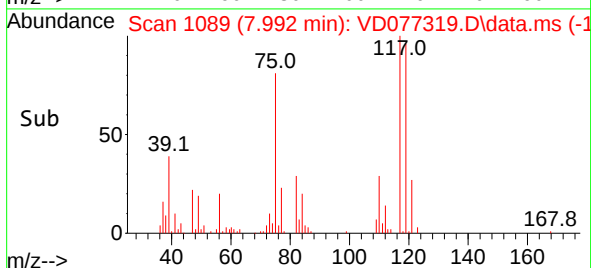
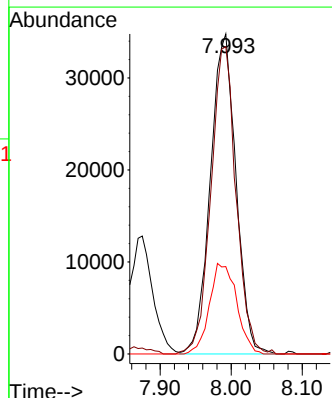
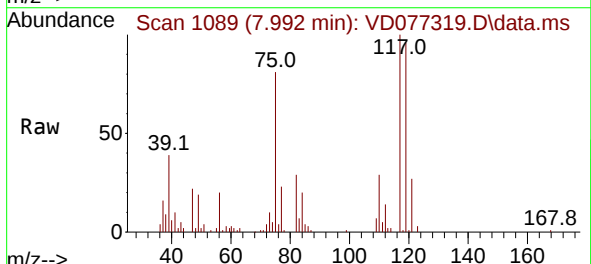
Delta R.T. -0.000 min

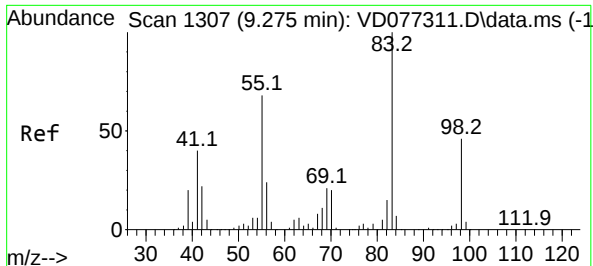
Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Tgt Ion: 117 Resp: 87124

Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.0	117.0
121	27.3	24.2	36.2





#39

Methylcyclohexane

Concen: 18.826 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VD1012SBSD01

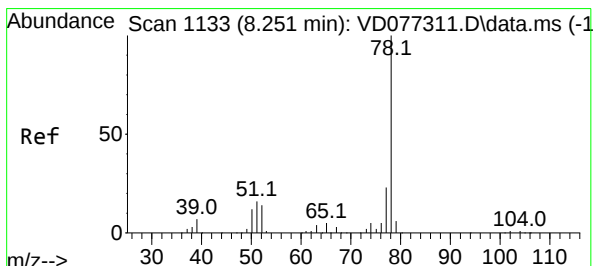
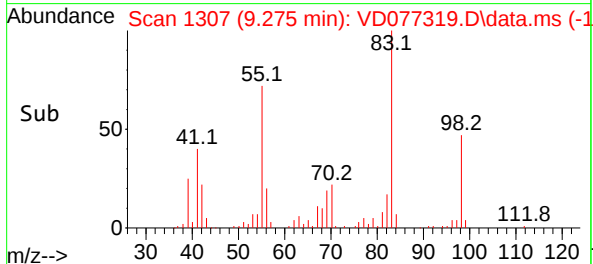
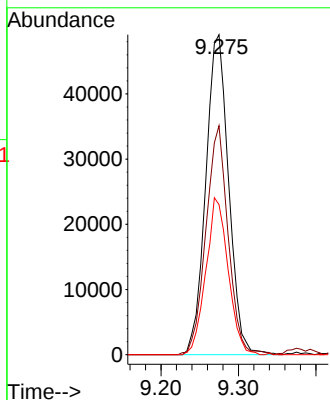
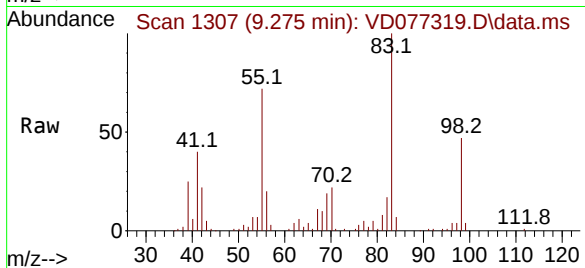
Tgt Ion: 83 Resp: 101010

Ion Ratio Lower Upper

83 100

55 71.6 49.4 74.0

98 46.9 38.4 57.6



#40

Benzene

Concen: 19.484 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD077319.D

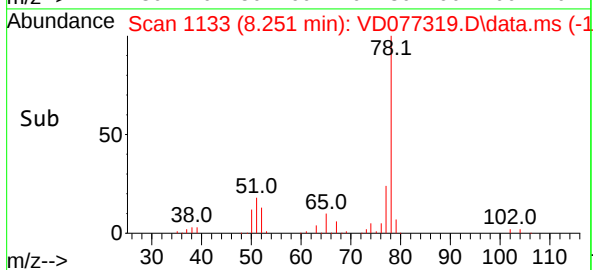
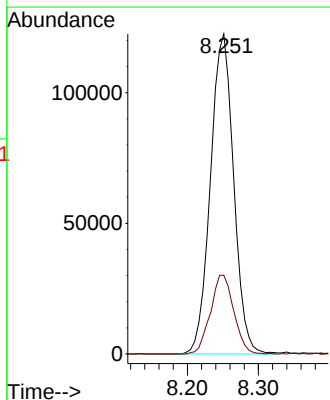
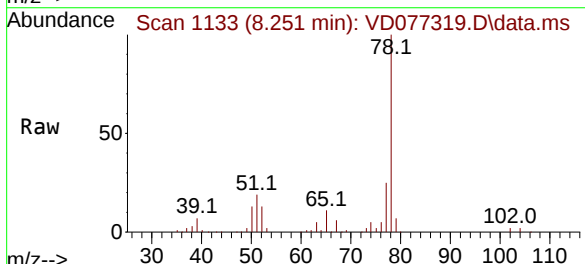
Acq: 12 Oct 2023 16:03

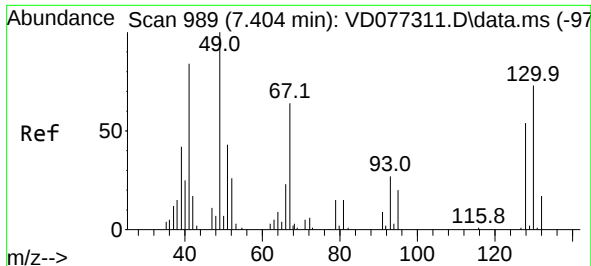
Tgt Ion: 78 Resp: 277962

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0

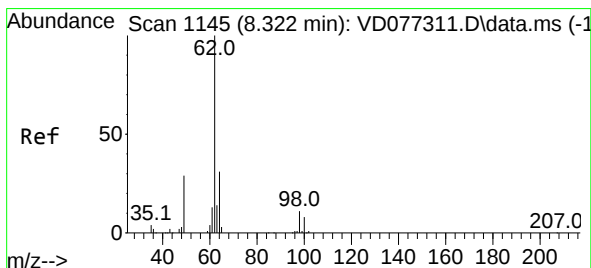
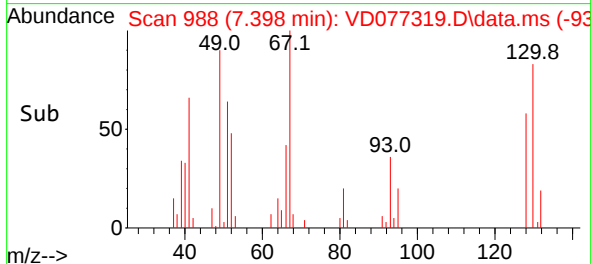
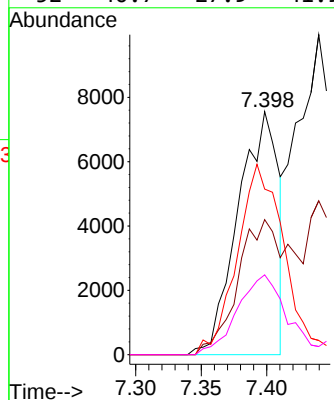
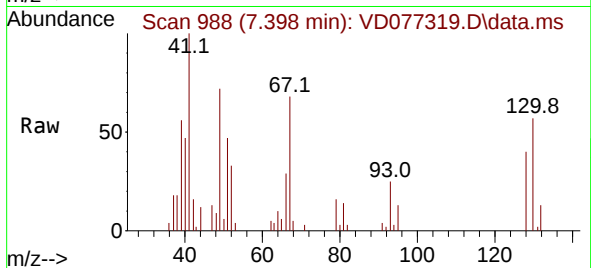




#41
Methacrylonitrile
Concen: 15.897 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

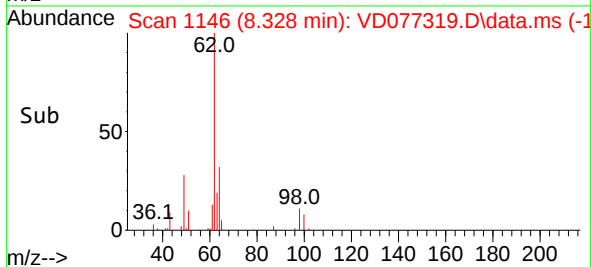
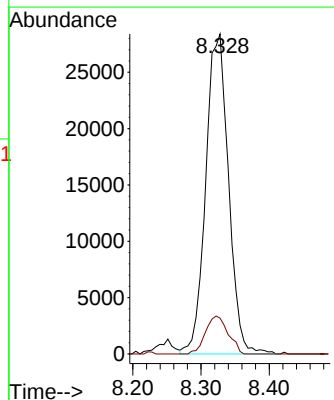
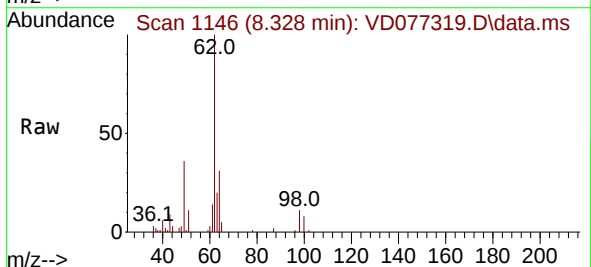
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

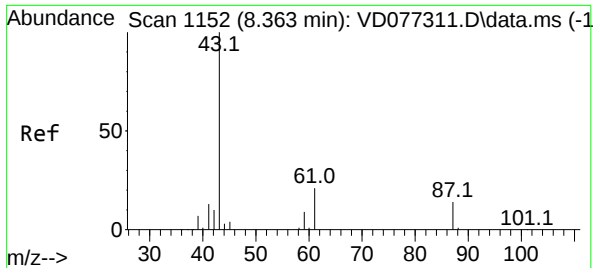
Tgt Ion: 41 Resp: 16142
Ion Ratio Lower Upper
41 100
39 70.4 34.0 51.0#
67 90.9 77.0 115.4
52 40.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.435 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 62 Resp: 66095
Ion Ratio Lower Upper
62 100
98 11.7 0.0 25.4

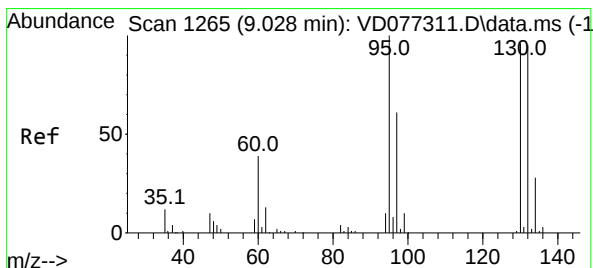
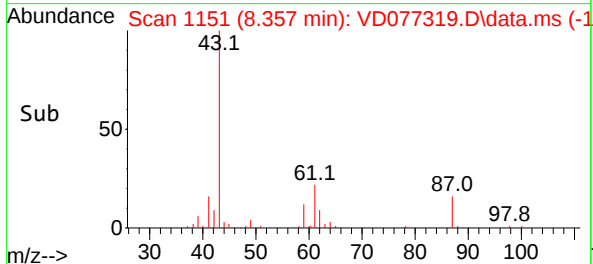
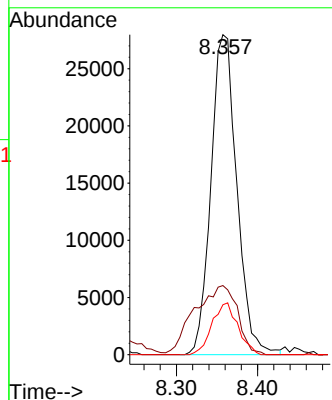
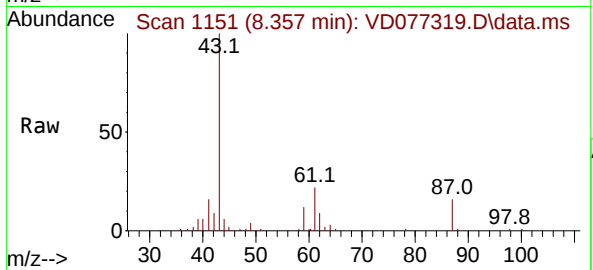




#43
Isopropyl Acetate
Concen: 17.982 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

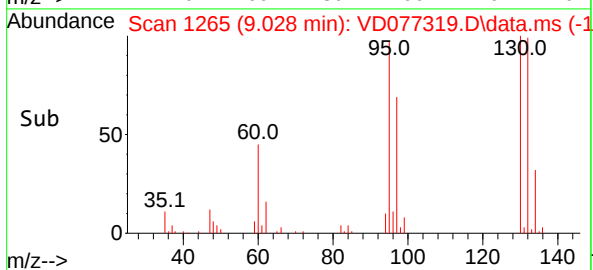
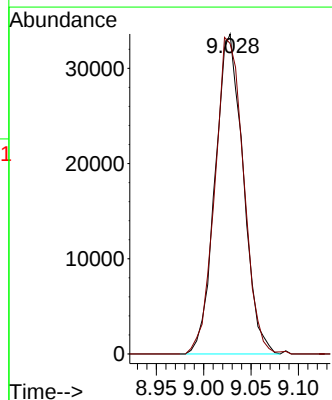
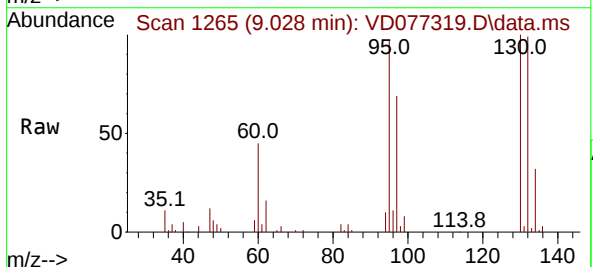
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

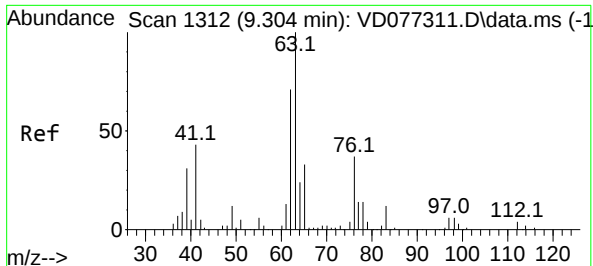
Tgt Ion: 43 Resp: 62163
Ion Ratio Lower Upper
43 100
61 35.6 31.4 47.0
87 16.2 14.9 22.3



#44
Trichloroethene
Concen: 19.627 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion:130 Resp: 69207
Ion Ratio Lower Upper
130 100
95 97.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.881 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

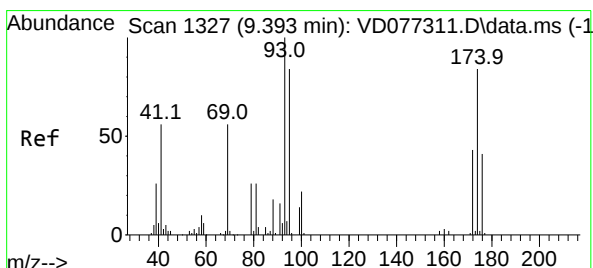
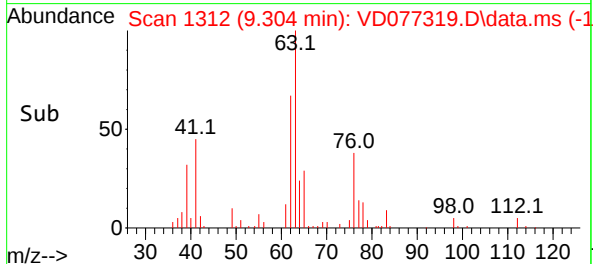
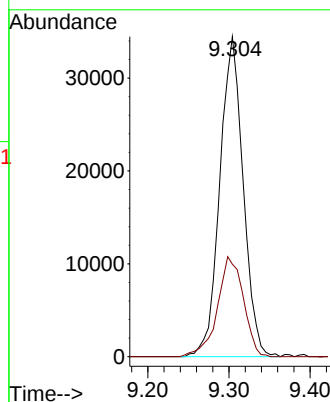
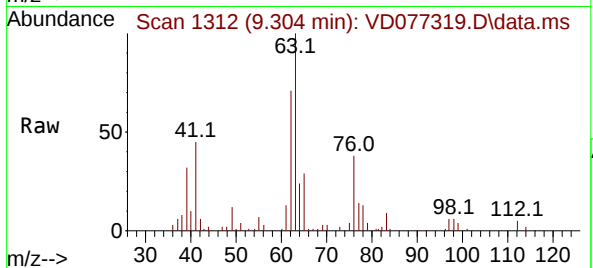
VD1012SBSD01

Tgt Ion: 63 Resp: 68985

Ion Ratio Lower Upper

63 100

65 28.9 24.5 36.7



#46

Dibromomethane

Concen: 17.392 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

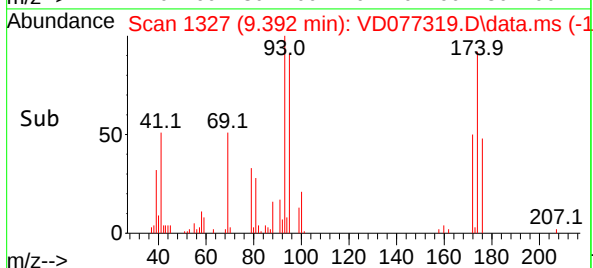
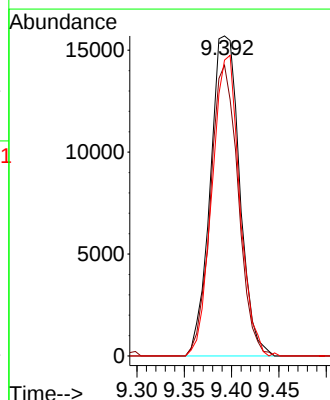
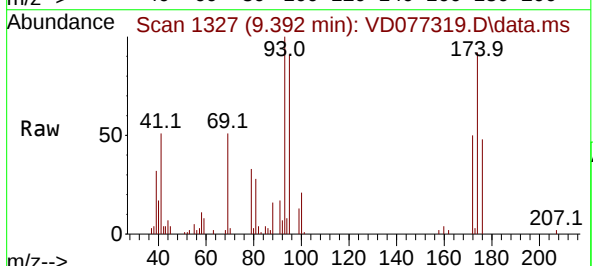
Tgt Ion: 93 Resp: 33800

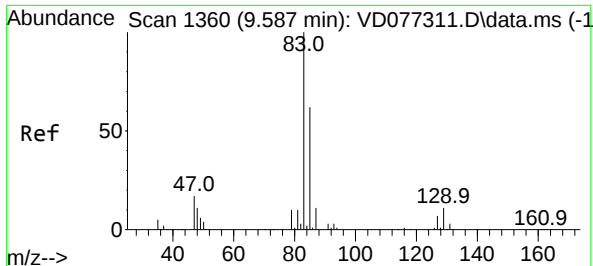
Ion Ratio Lower Upper

93 100

95 85.6 67.7 101.5

174 88.1 85.4 128.2

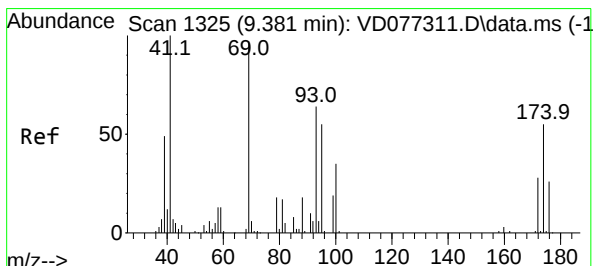
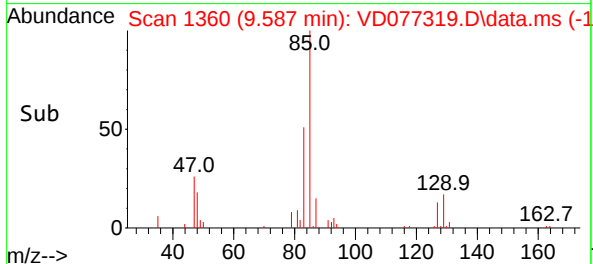
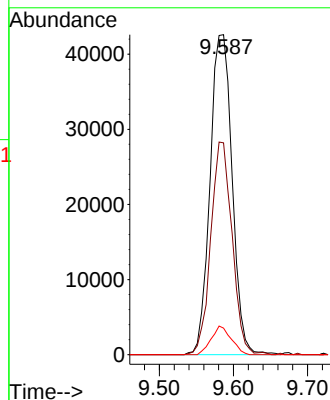
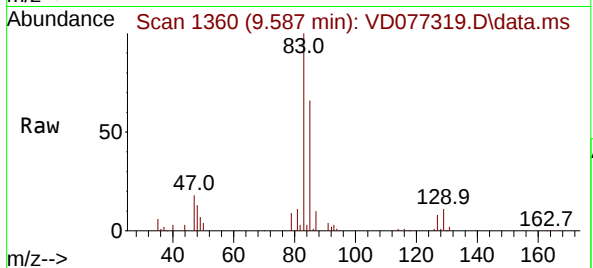




#47
Bromodichloromethane
Concen: 18.768 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

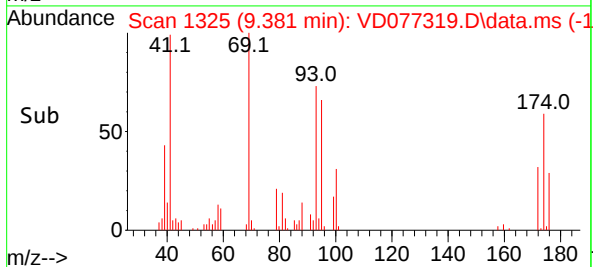
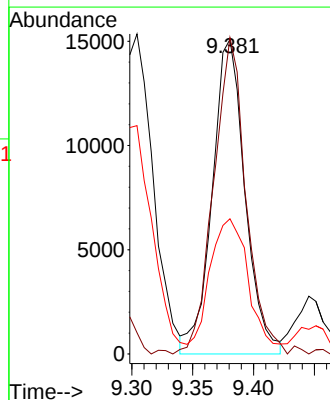
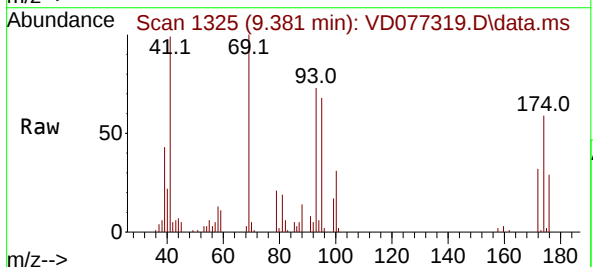
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

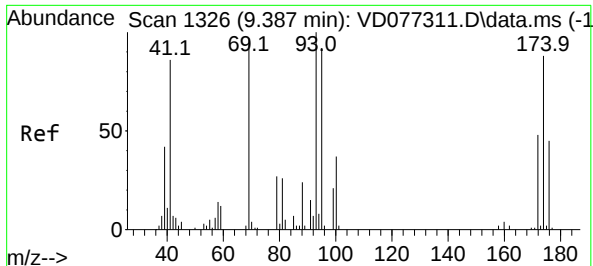
Tgt Ion: 83 Resp: 88278
Ion Ratio Lower Upper
83 100
85 66.2 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 17.146 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 41 Resp: 28215
Ion Ratio Lower Upper
41 100
69 99.2 102.2 153.2#
39 45.5 41.4 62.2





#49

1,4-Dioxane

Concen: 328.071 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VD1012SBSD01

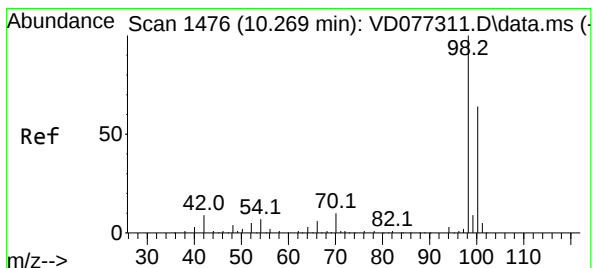
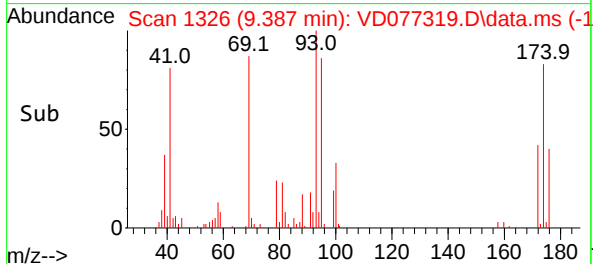
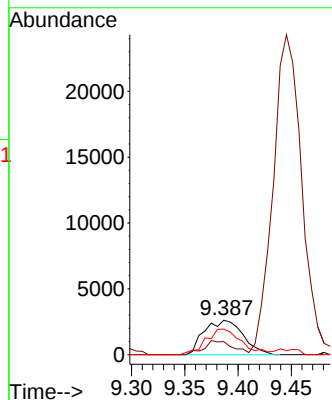
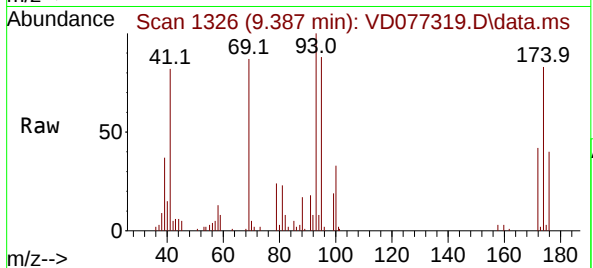
Tgt Ion: 88 Resp: 6626

Ion Ratio Lower Upper

88 100

43 30.6 19.0 28.6#

58 67.6 43.5 65.3#



#50

Toluene-d8

Concen: 46.300 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077319.D

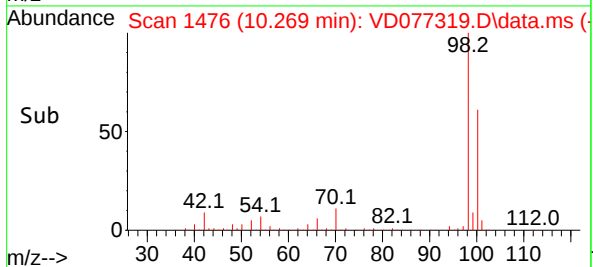
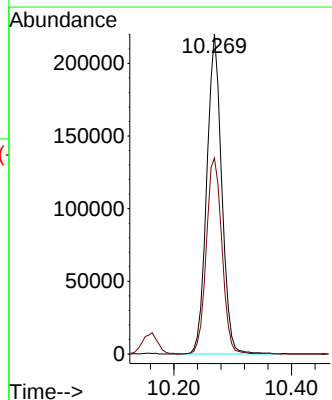
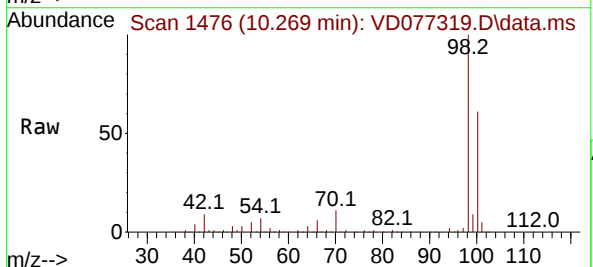
Acq: 12 Oct 2023 16:03

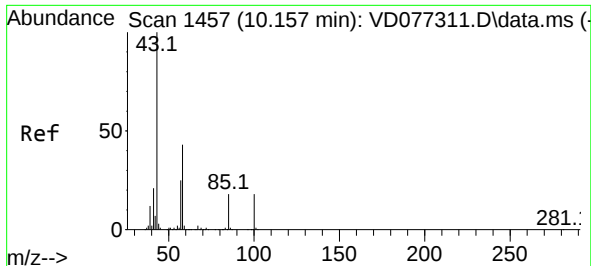
Tgt Ion: 98 Resp: 388913

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

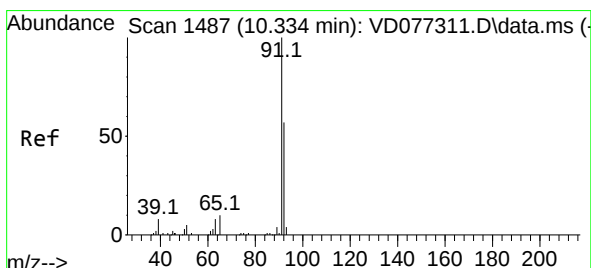
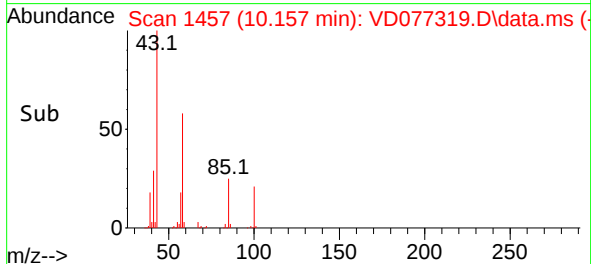
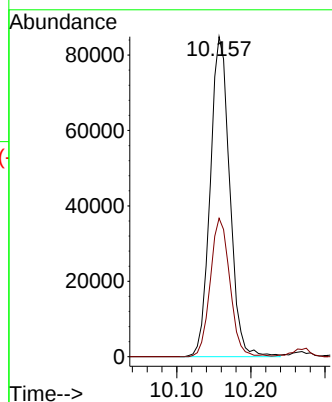
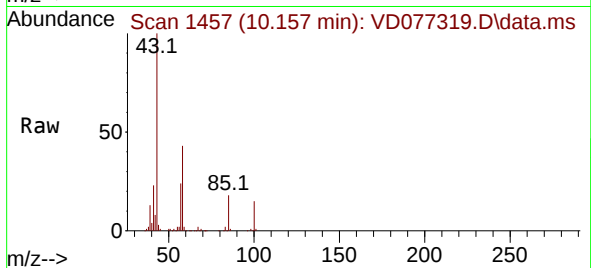




#51
4-Methyl-2-Pentanone
Concen: 85.633 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

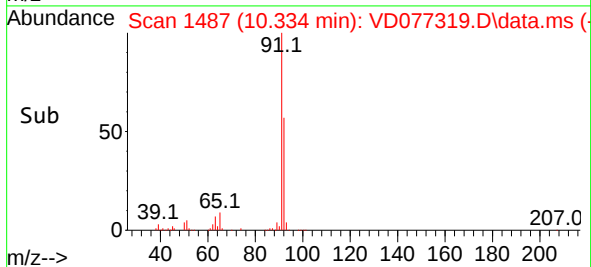
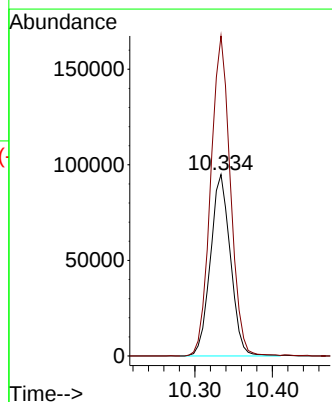
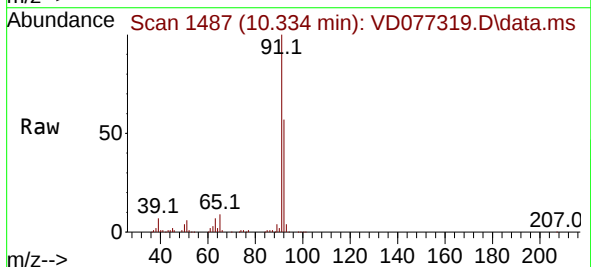
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

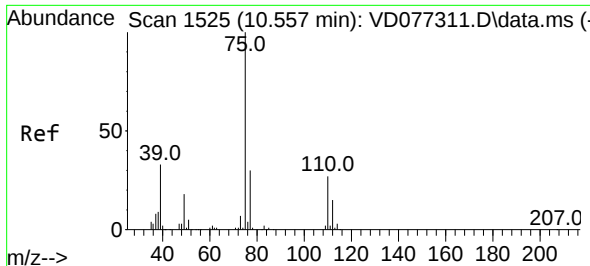
Tgt Ion: 43 Resp: 154879
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3



#52
Toluene
Concen: 19.298 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 92 Resp: 170357
Ion Ratio Lower Upper
92 100
91 173.9 143.0 214.4

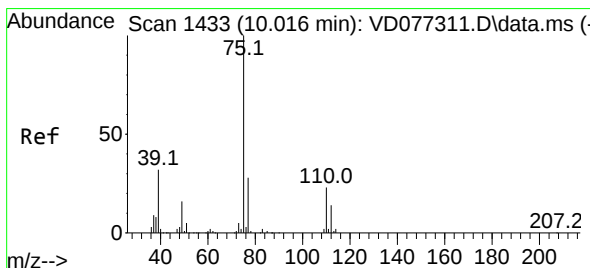
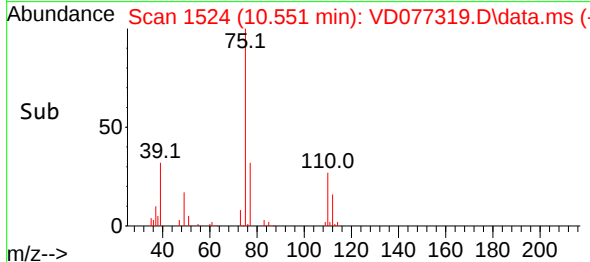
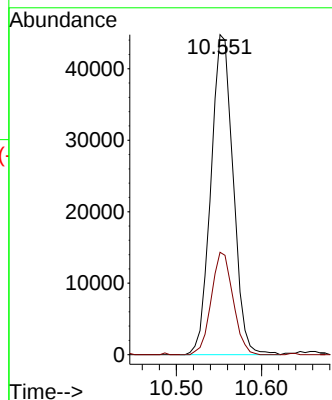
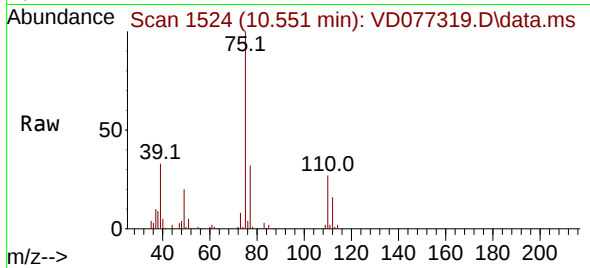




#53
t-1,3-Dichloropropene
Concen: 18.127 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

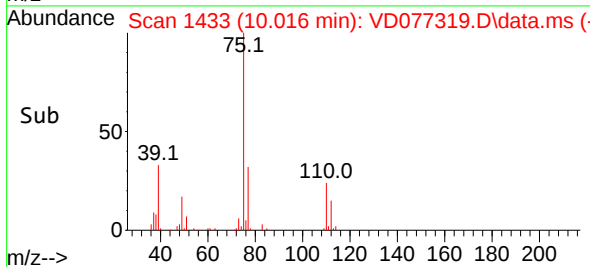
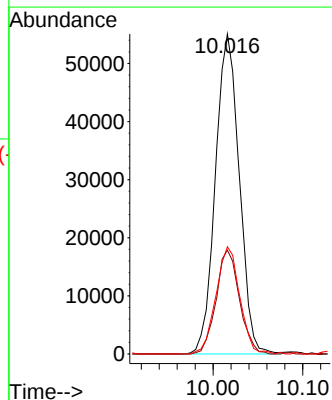
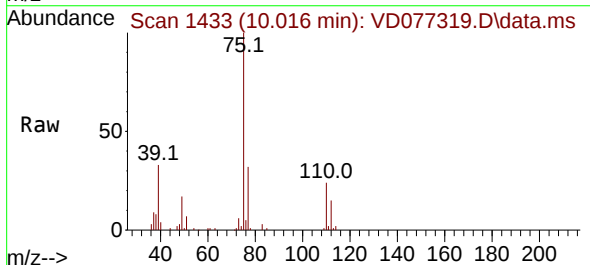
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

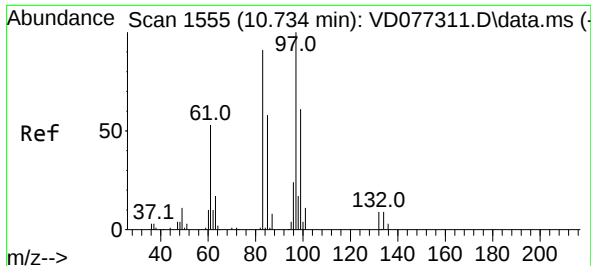
Tgt Ion: 75 Resp: 81266
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 18.365 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 75 Resp: 101741
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
39 33.5 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 19.097 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VD1012SBSD01

Tgt Ion: 97 Resp: 50145

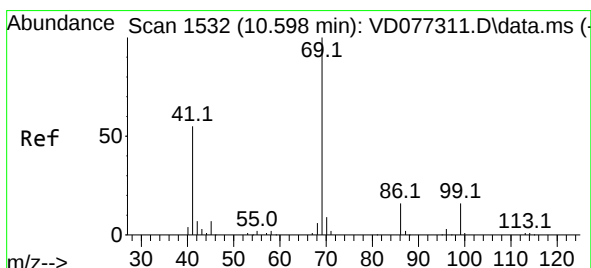
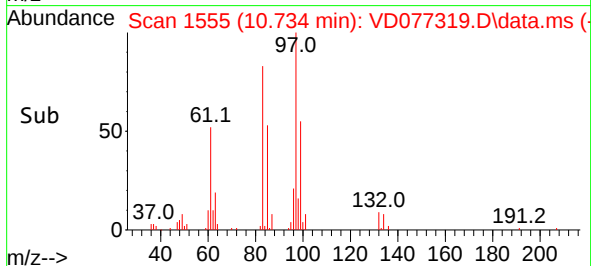
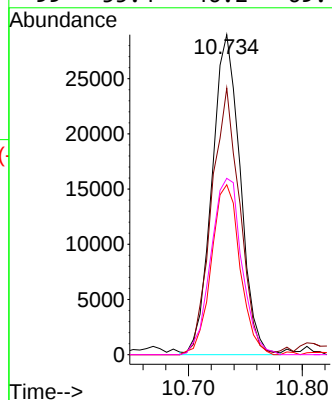
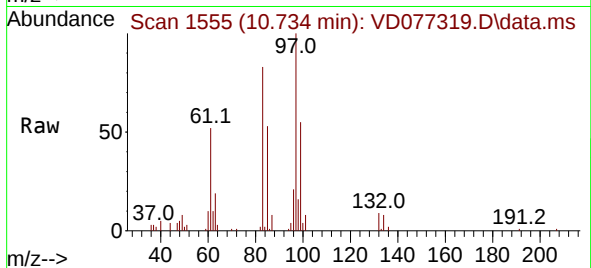
Ion Ratio Lower Upper

97 100

83 83.8 65.8 98.6

85 53.4 45.7 68.5

99 55.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 16.874 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

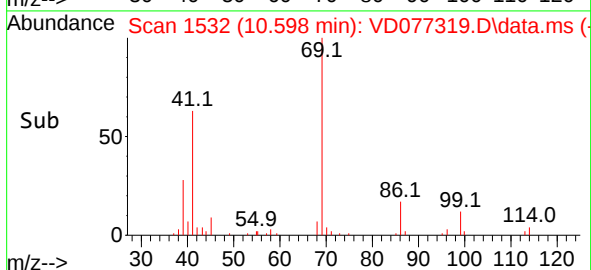
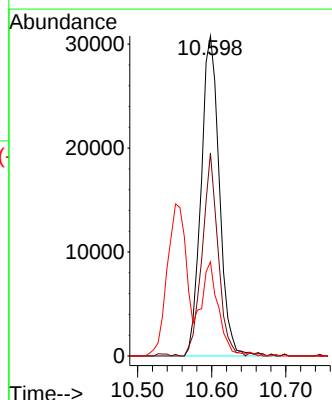
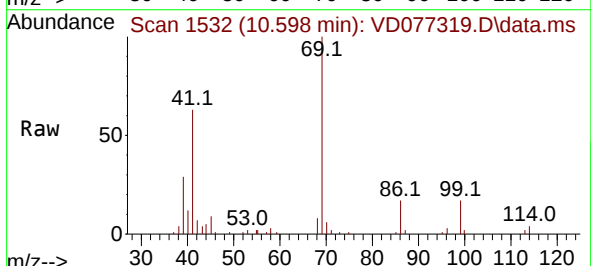
Tgt Ion: 69 Resp: 52718

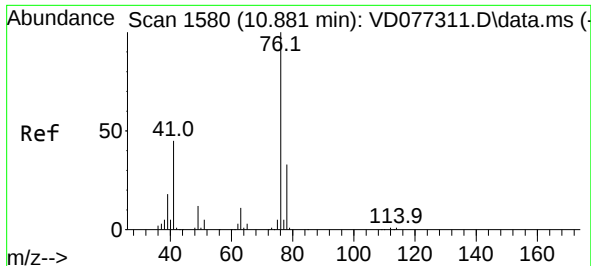
Ion Ratio Lower Upper

69 100

41 55.4 39.1 58.7

39 26.6 20.0 30.0





#57

1,3-Dichloropropane

Concen: 18.094 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

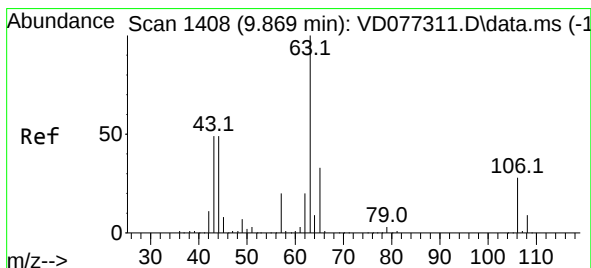
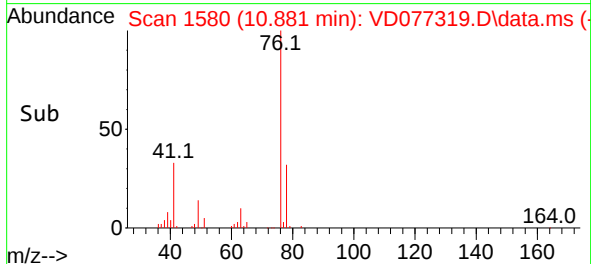
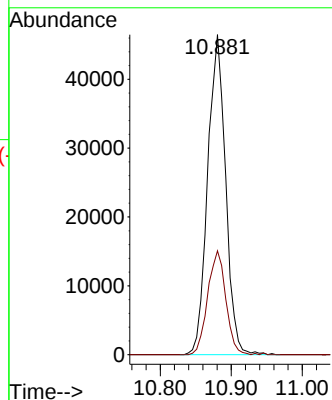
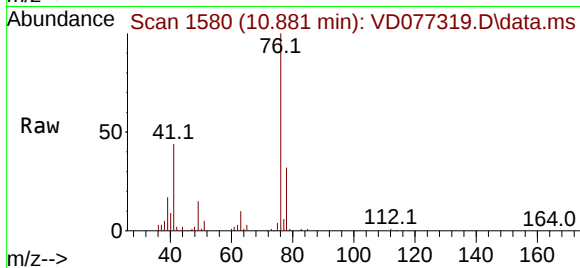
VD1012SBSD01

Tgt Ion: 76 Resp: 81572

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 85.791 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077319.D

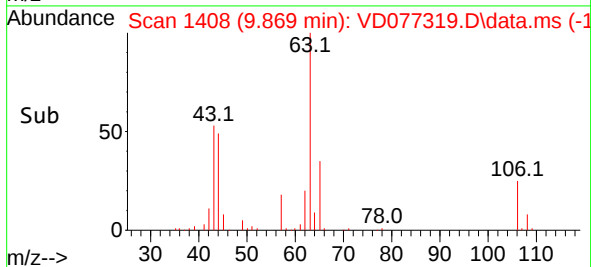
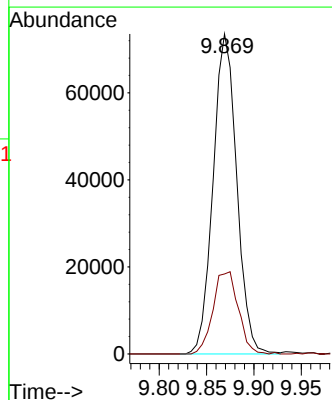
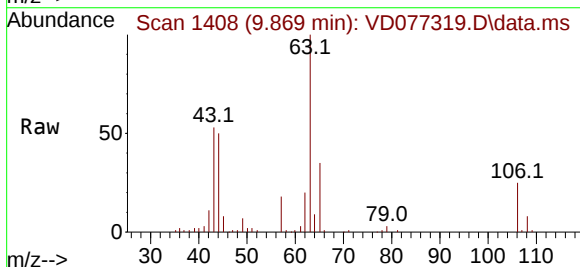
Acq: 12 Oct 2023 16:03

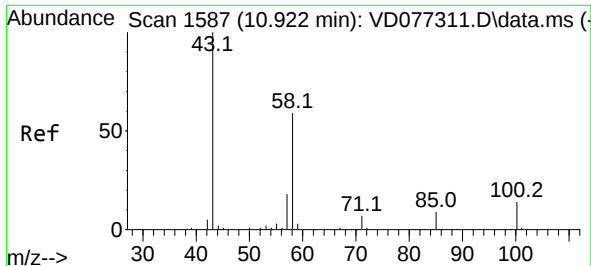
Tgt Ion: 63 Resp: 127650

Ion Ratio Lower Upper

63 100

106 27.6 25.3 37.9

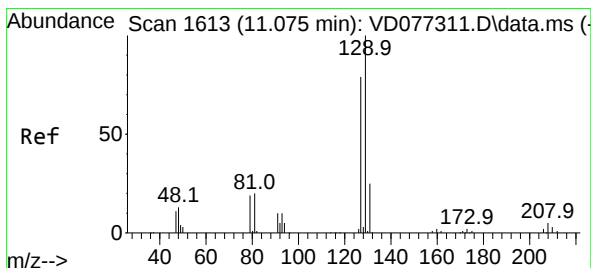
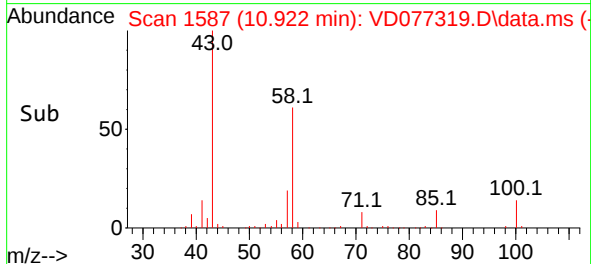
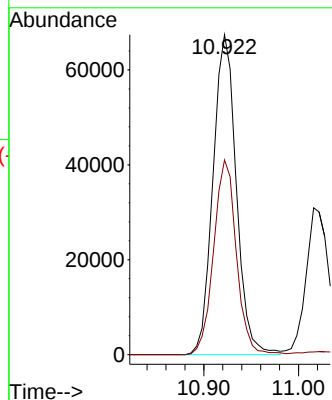
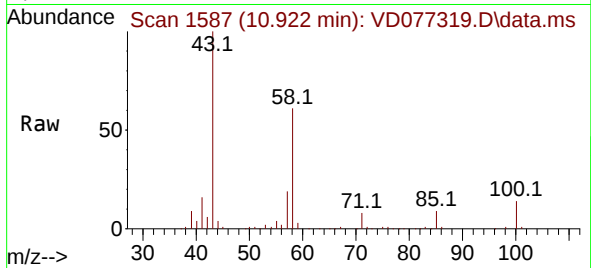




#59
2-Hexanone
Concen: 89.703 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

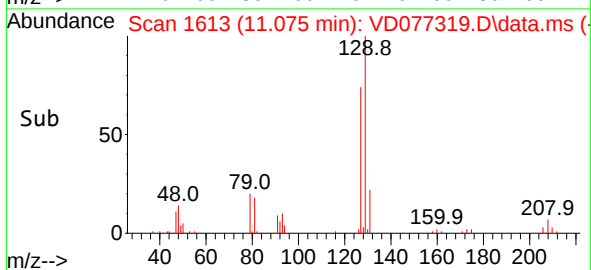
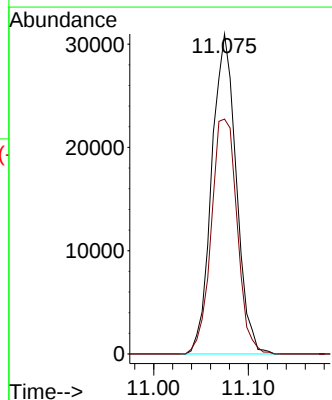
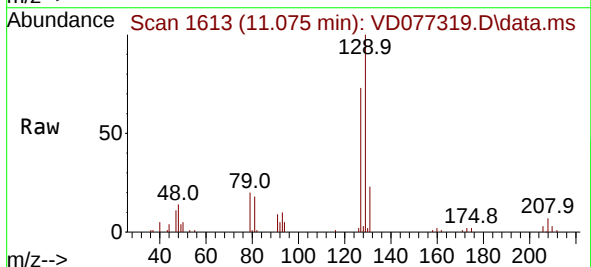
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

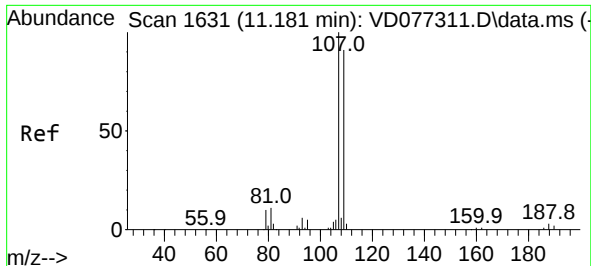
Tgt Ion: 43 Resp: 115214
Ion Ratio Lower Upper
43 100
58 59.4 34.1 102.2



#60
Dibromochloromethane
Concen: 18.515 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 129 Resp: 55640
Ion Ratio Lower Upper
129 100
127 77.4 37.1 111.5

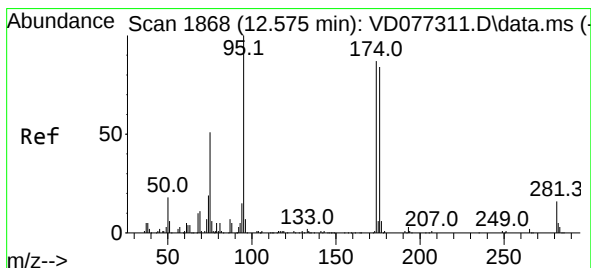
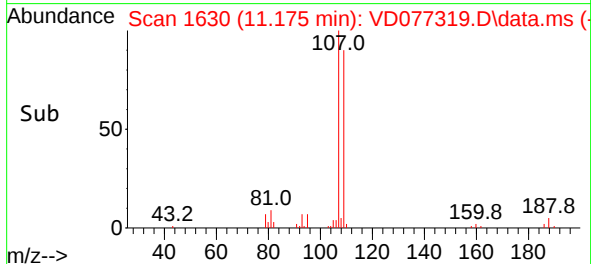
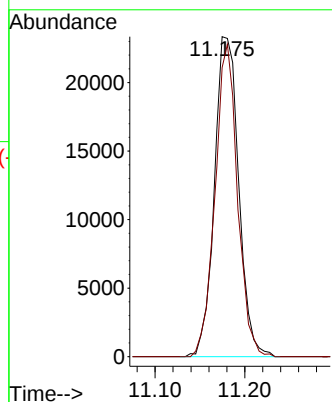
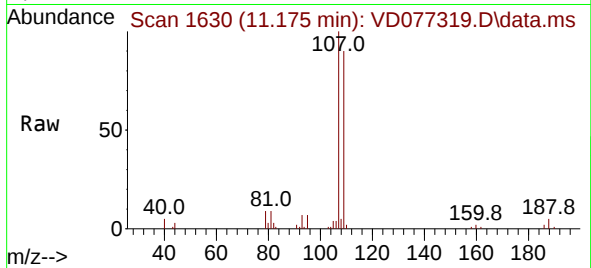




#61
1,2-Dibromoethane
Concen: 18.124 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

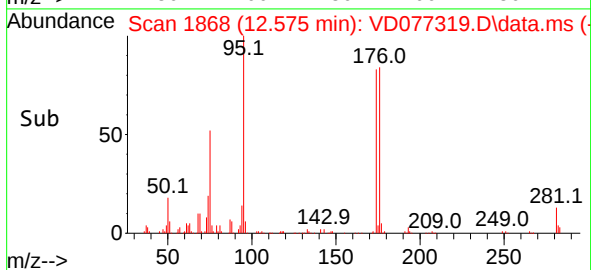
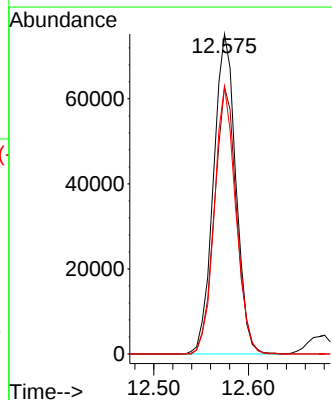
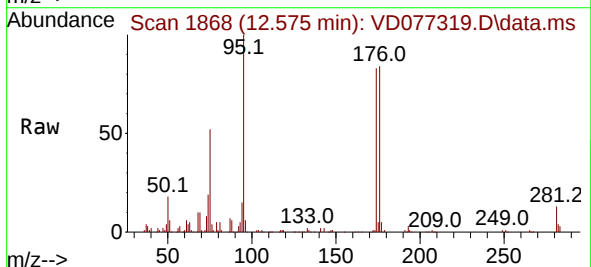
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

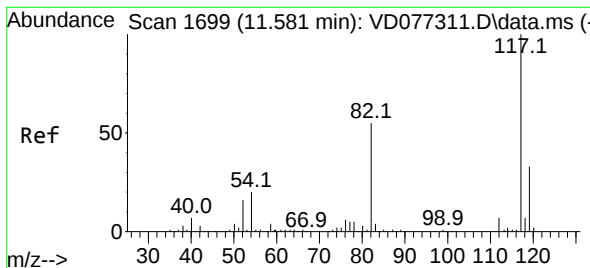
Tgt Ion:107 Resp: 43891
Ion Ratio Lower Upper
107 100
109 90.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.705 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 95 Resp: 123300
Ion Ratio Lower Upper
95 100
174 82.1 0.0 201.8
176 80.2 0.0 191.8

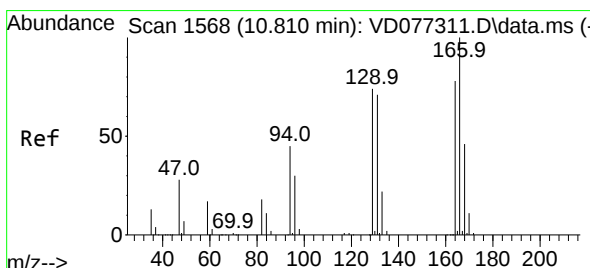
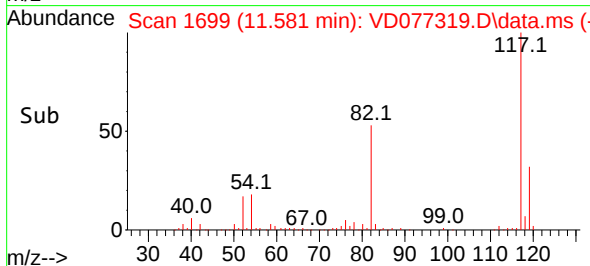
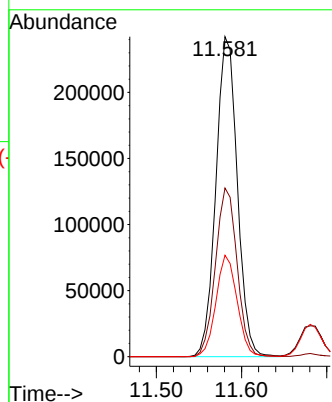
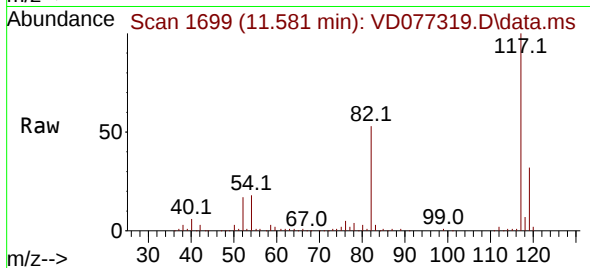




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

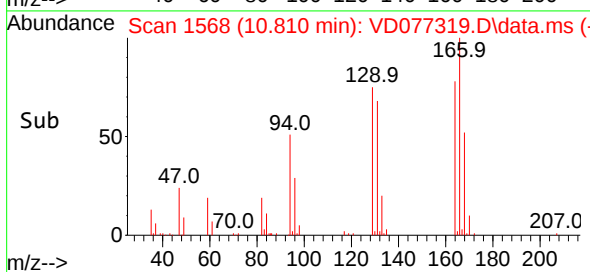
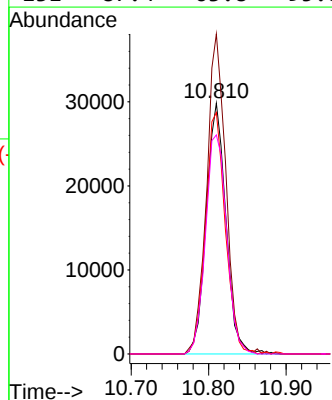
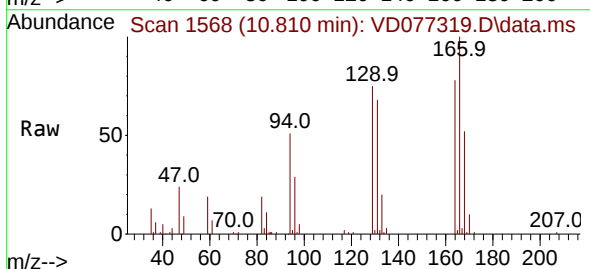
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

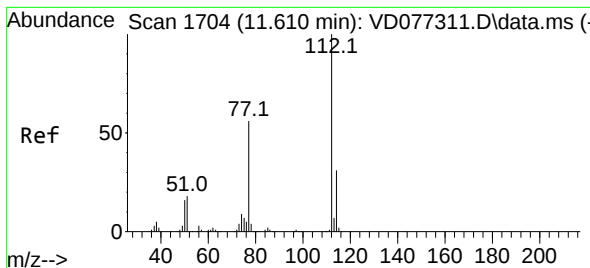
Tgt Ion:117 Resp: 422362
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 31.7 25.0 37.4



#64
Tetrachloroethene
Concen: 19.717 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion:164 Resp: 52689
Ion Ratio Lower Upper
164 100
166 127.6 99.2 148.8
129 96.3 68.4 102.6
131 87.4 63.8 95.8





#65

Chlorobenzene

Concen: 20.187 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

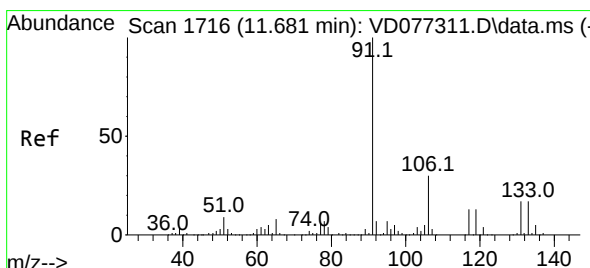
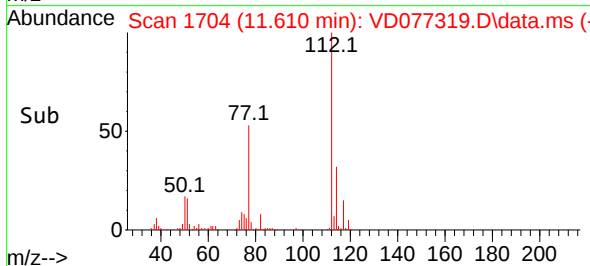
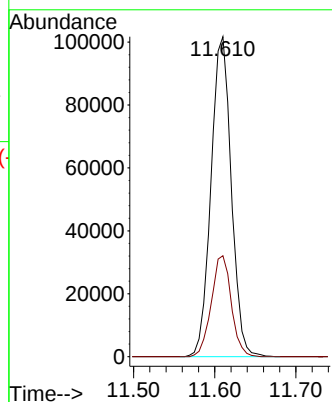
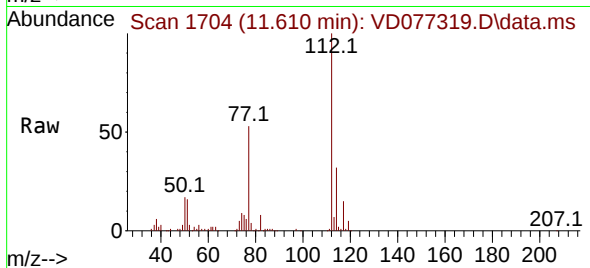
VD1012SBSD01

Tgt Ion:112 Resp: 176407

Ion Ratio Lower Upper

112 100

114 31.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.855 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

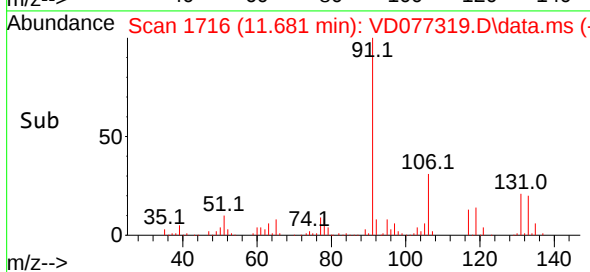
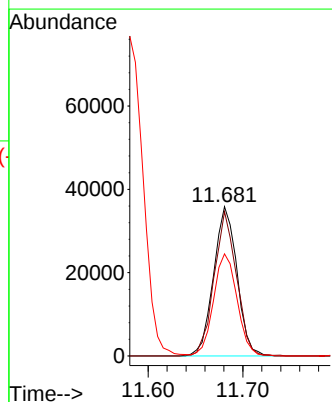
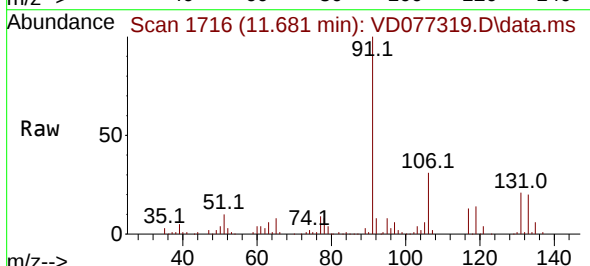
Tgt Ion:131 Resp: 61516

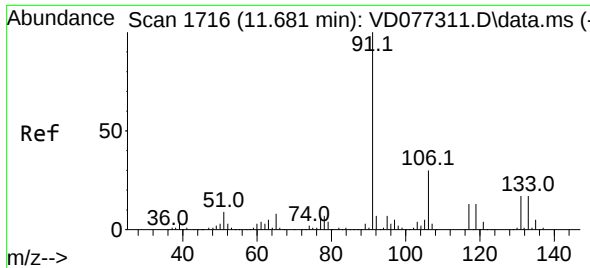
Ion Ratio Lower Upper

131 100

133 92.7 48.5 145.5

119 68.9 35.6 106.9

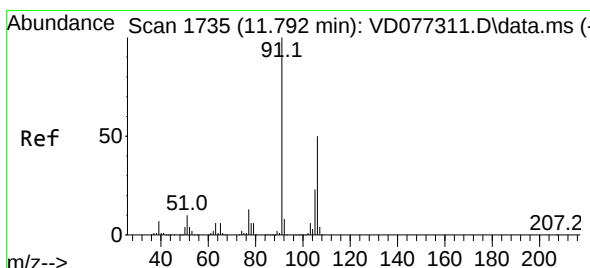
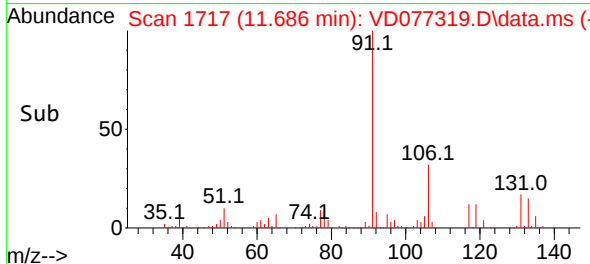
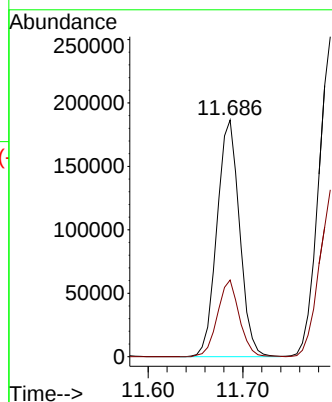
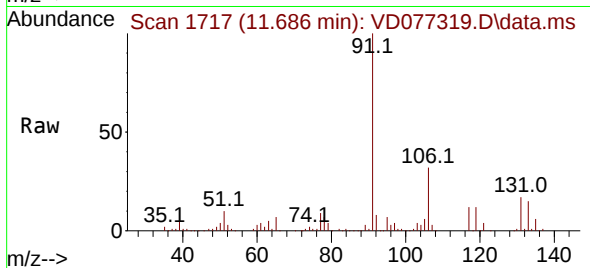




#67
Ethyl Benzene
Concen: 19.401 ug/l
RT: 11.686 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

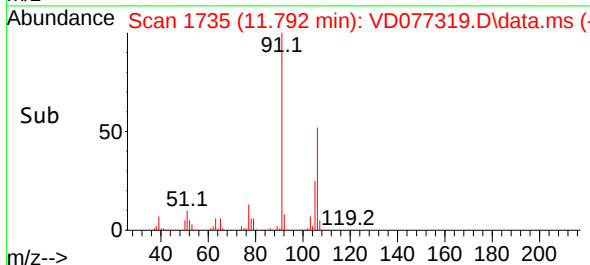
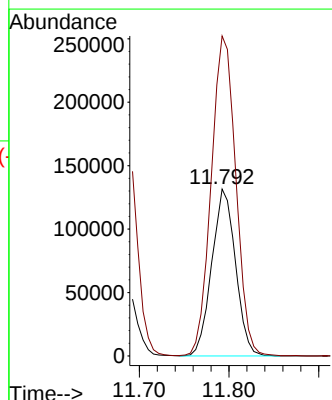
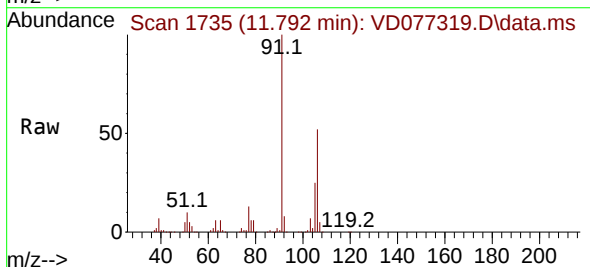
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

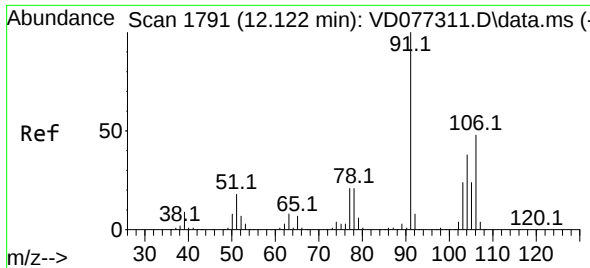
Tgt Ion: 91 Resp: 308886
Ion Ratio Lower Upper
91 100
106 32.4 26.5 39.7



#68
m/p-Xylenes
Concen: 39.764 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 106 Resp: 241639
Ion Ratio Lower Upper
106 100
91 198.7 147.0 220.6

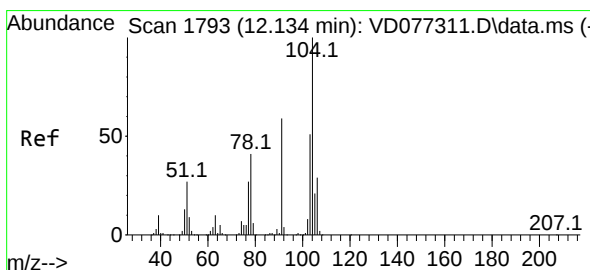
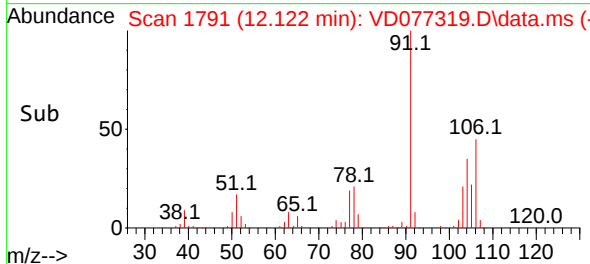
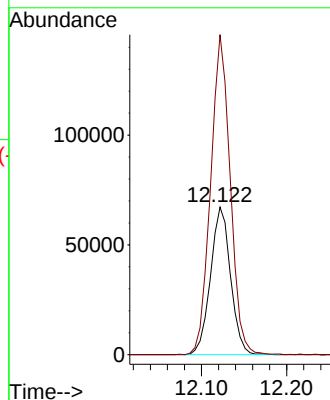
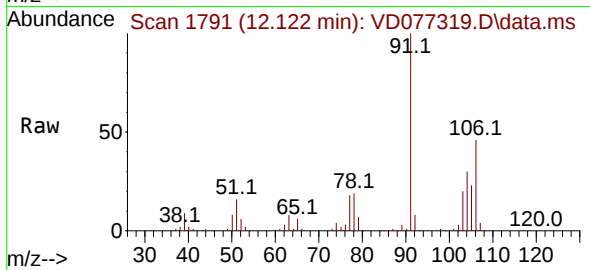




#69
o-Xylene
Concen: 19.316 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

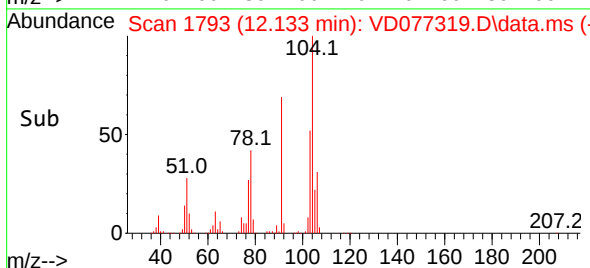
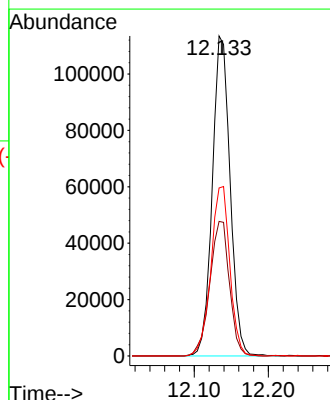
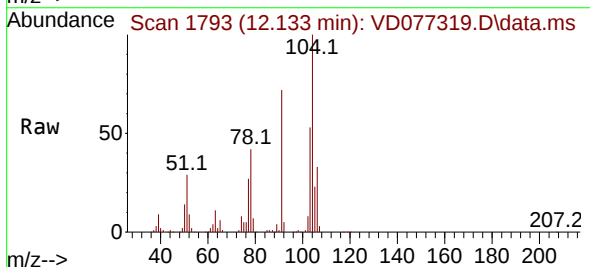
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

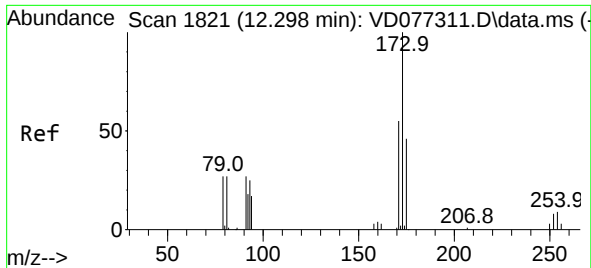
Tgt Ion:106 Resp: 109694
Ion Ratio Lower Upper
106 100
91 212.7 97.9 293.6



#70
Styrene
Concen: 19.294 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion:104 Resp: 189430
Ion Ratio Lower Upper
104 100
78 46.2 33.2 49.8
103 56.3 43.6 65.4

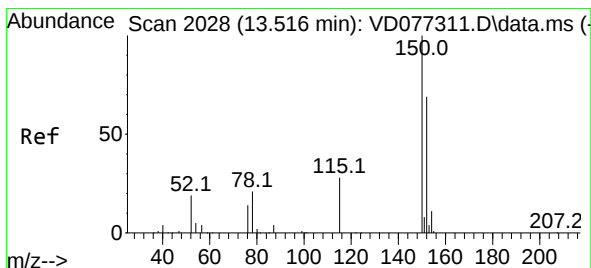
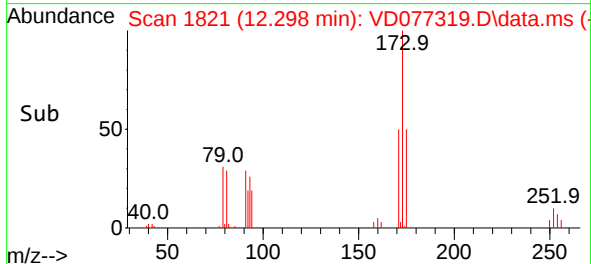
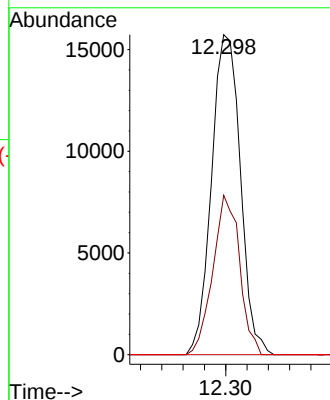
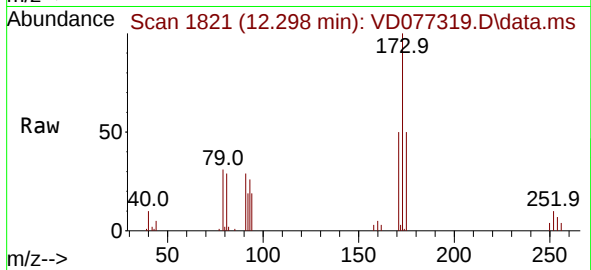




#71
Bromoform
Concen: 18.921 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

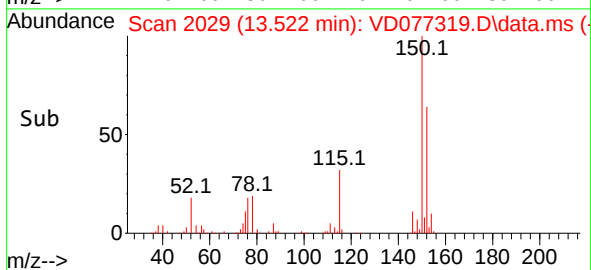
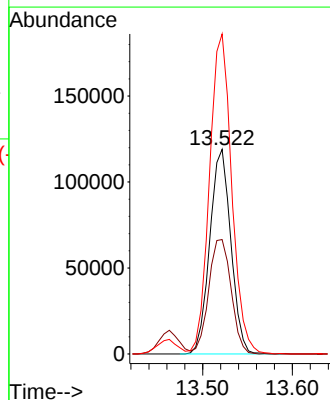
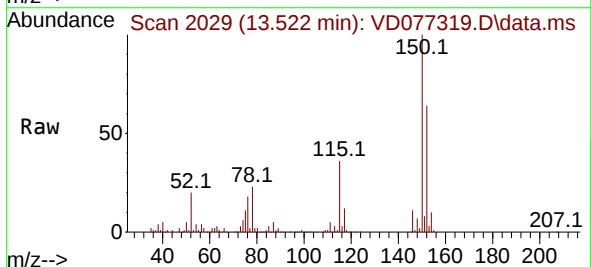
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

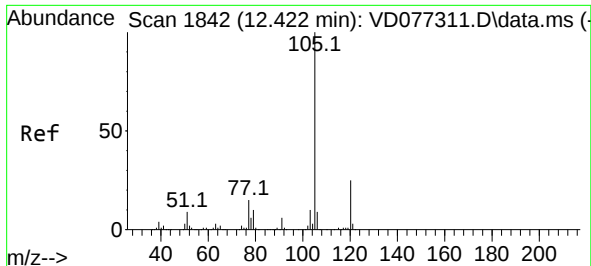
Tgt Ion:173 Resp: 29559
Ion Ratio Lower Upper
173 100
175 46.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion:152 Resp: 194512
Ion Ratio Lower Upper
152 100
115 59.4 27.1 81.3
150 164.4 0.0 353.6

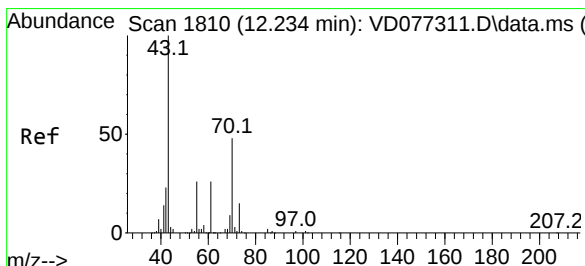
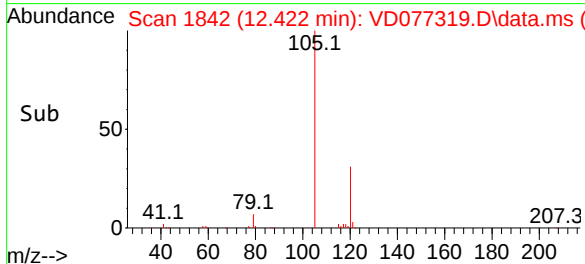
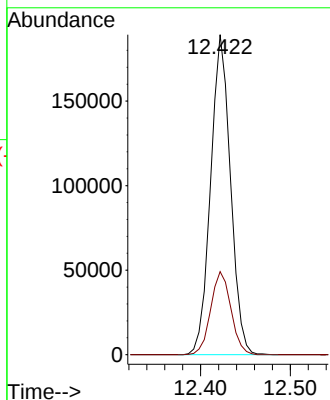
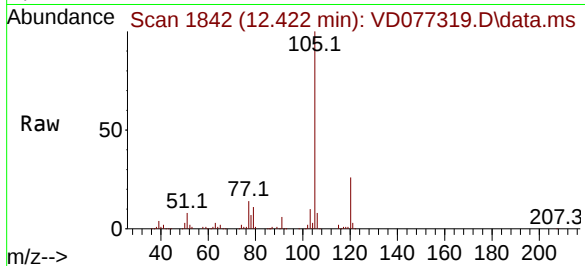




#73
Isopropylbenzene
Concen: 19.844 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

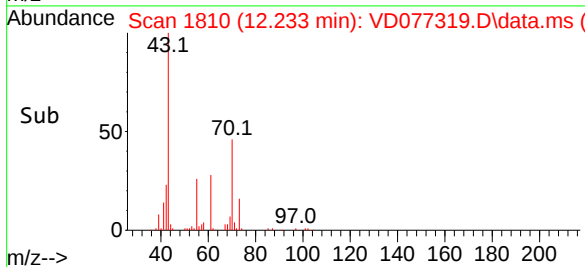
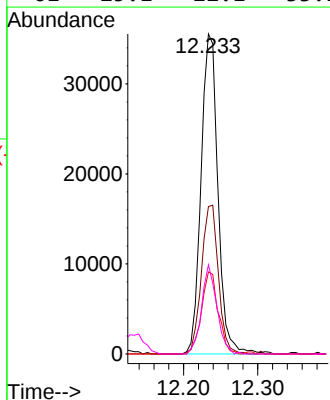
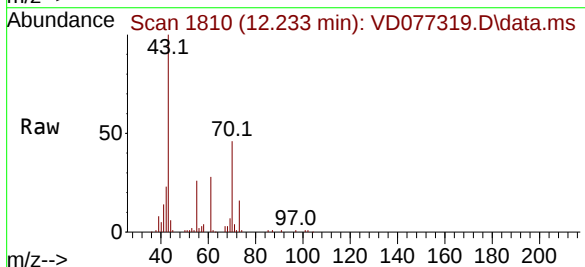
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

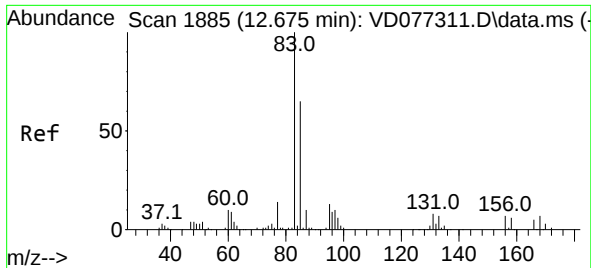
Tgt Ion:105 Resp: 290532
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 18.505 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 43 Resp: 56324
Ion Ratio Lower Upper
43 100
70 46.6 45.0 67.4
55 25.3 23.8 35.6
61 25.1 22.1 33.1

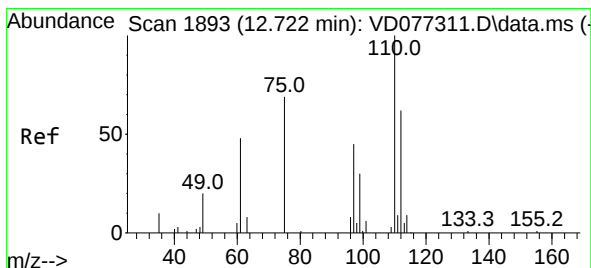
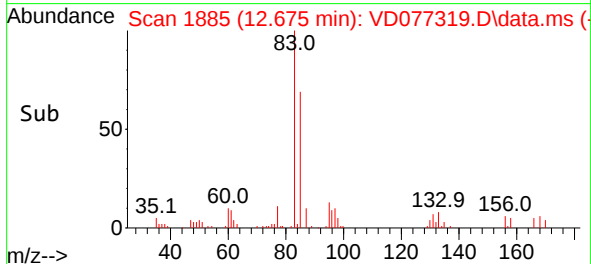
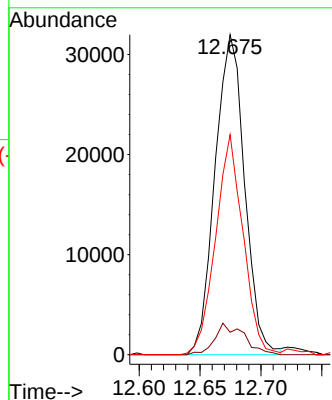
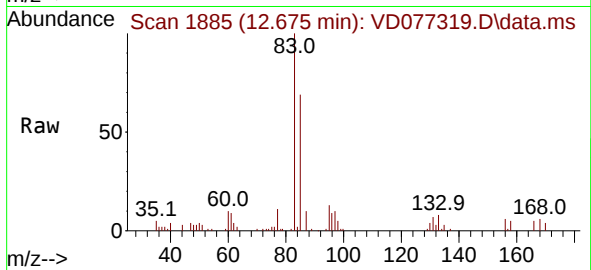




#75
1,1,2,2-Tetrachloroethane
Concen: 18.851 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

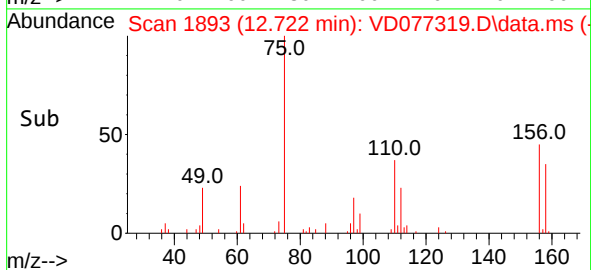
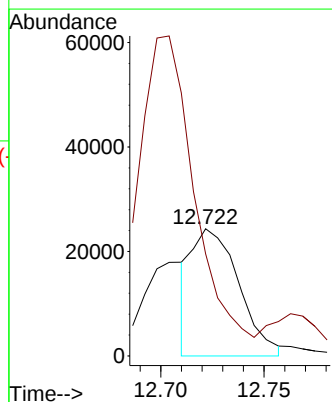
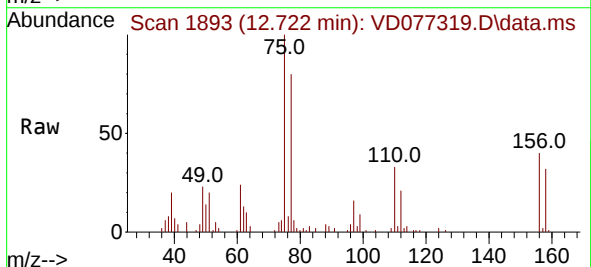
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

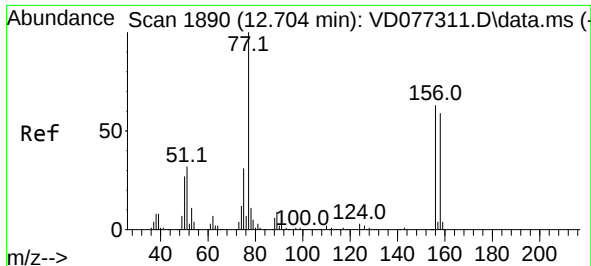
Tgt Ion: 83 Resp: 54085
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 63.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 19.254 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 75 Resp: 38793
Ion Ratio Lower Upper
75 100
77 306.8 0.0 0.0#

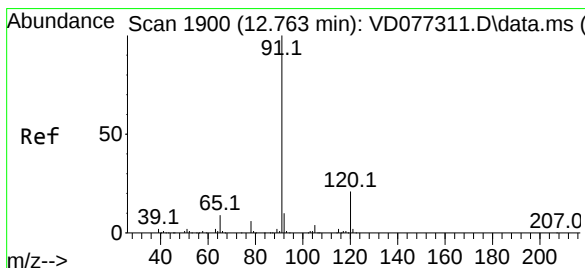
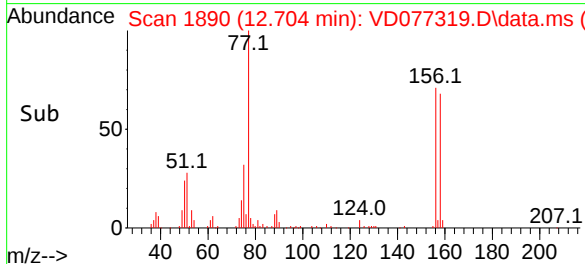
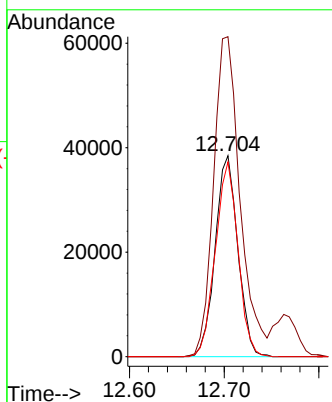
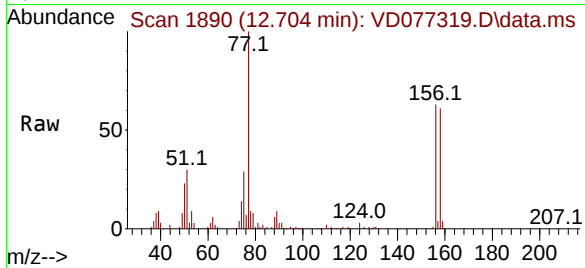




#77
Bromobenzene
Concen: 19.512 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

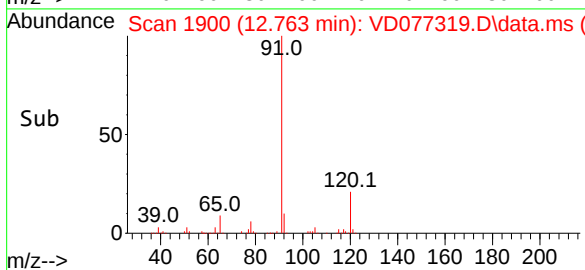
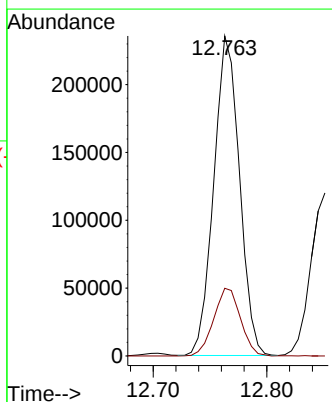
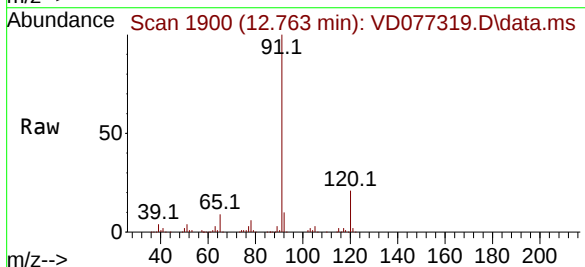
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

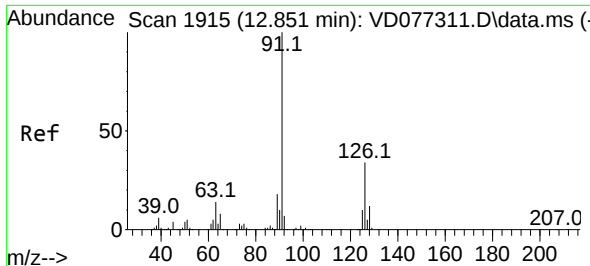
Tgt Ion:156 Resp: 64168
Ion Ratio Lower Upper
156 100
77 185.5 76.8 230.4
158 96.5 48.6 145.9



#78
n-propylbenzene
Concen: 20.047 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 91 Resp: 370376
Ion Ratio Lower Upper
91 100
120 22.1 12.4 37.2

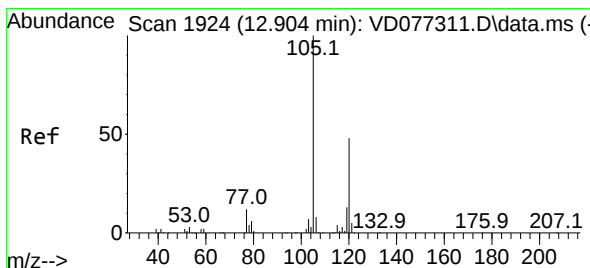
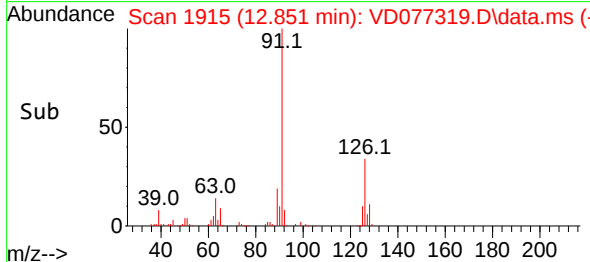
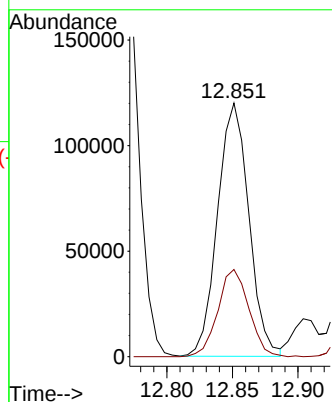
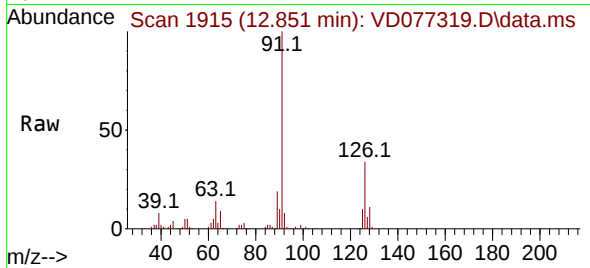




#79
2-Chlorotoluene
Concen: 20.150 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

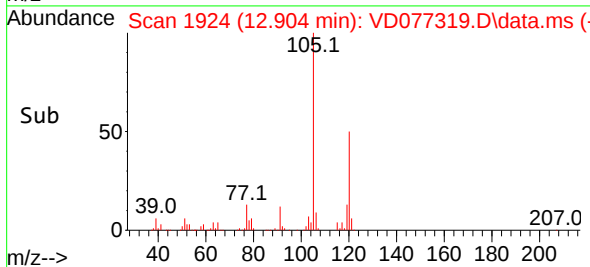
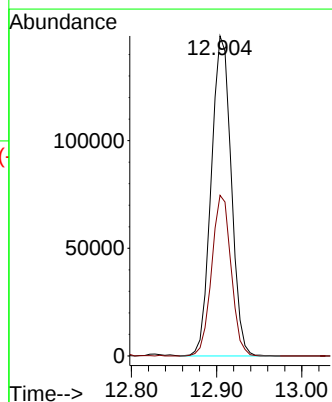
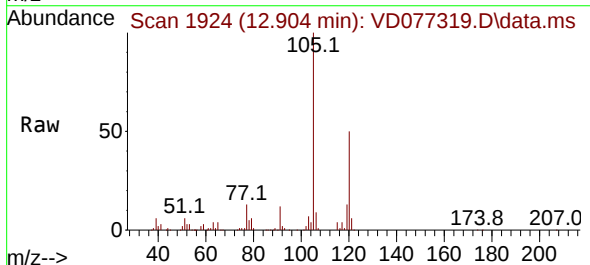
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

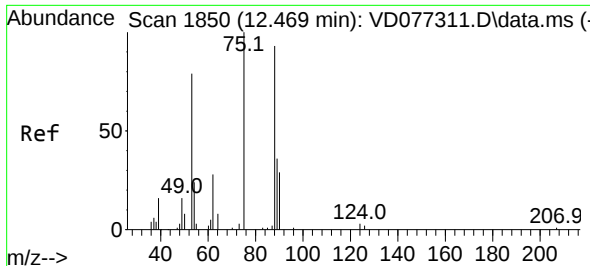
Tgt Ion: 91 Resp: 199869
Ion Ratio Lower Upper
91 100
126 34.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.986 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 105 Resp: 241887
Ion Ratio Lower Upper
105 100
120 48.9 26.4 79.2

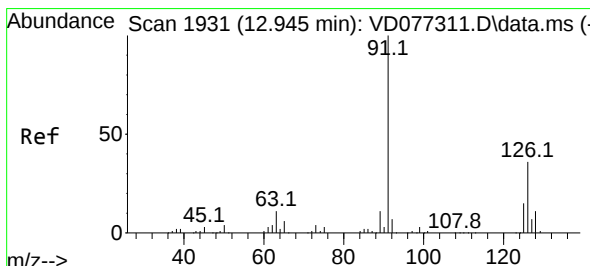
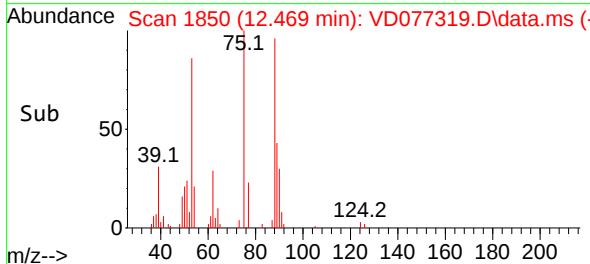
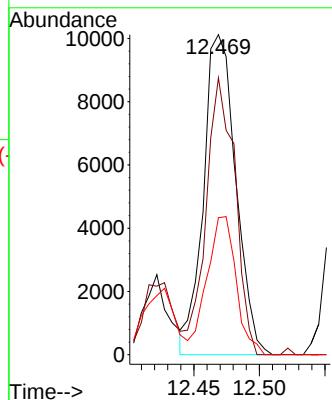
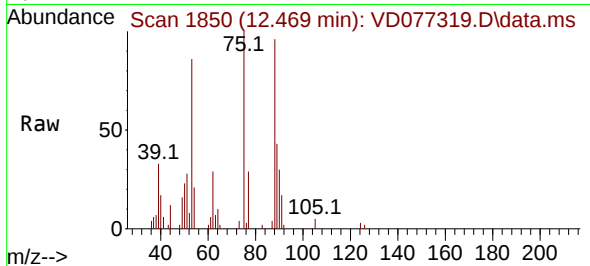




#81
trans-1,4-Dichloro-2-butene
Concen: 19.276 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

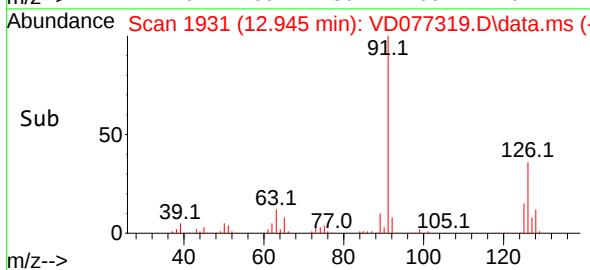
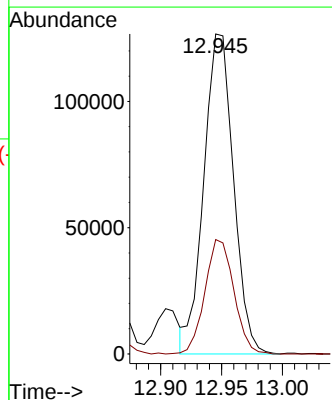
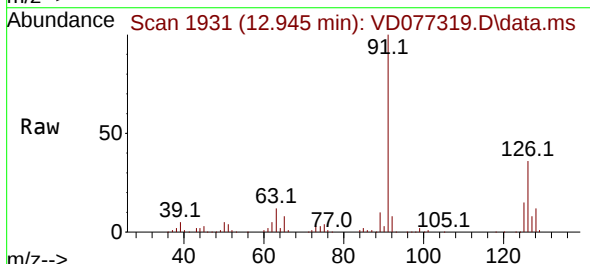
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

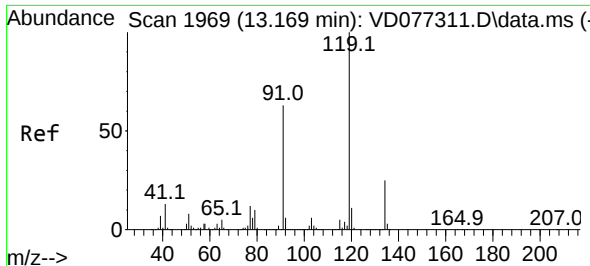
Tgt Ion:	75	Resp:	17377
Ion	Ratio	Lower	Upper
75	100		
53	77.8	63.0	94.4
89	38.9	37.9	56.9



#82
4-Chlorotoluene
Concen: 20.625 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion:	91	Resp:	215007
Ion	Ratio	Lower	Upper
91	100		
126	34.8	19.4	58.4

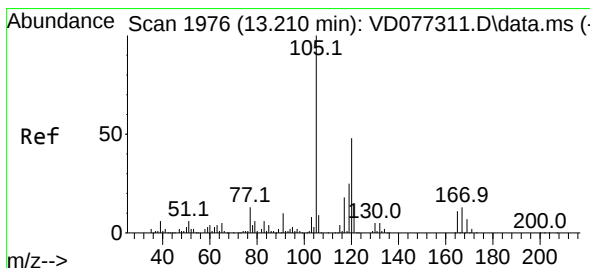
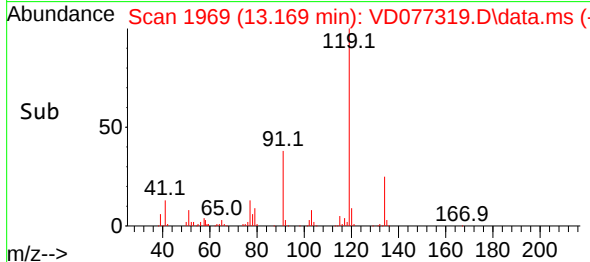
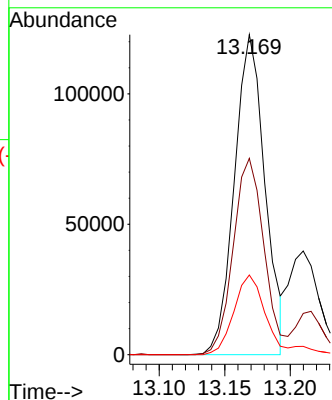
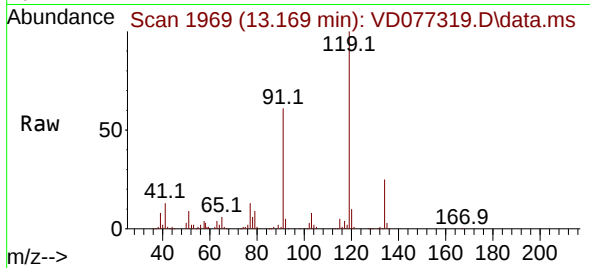




#83
 tert-Butylbenzene
 Concen: 19.596 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD077319.D
 Acq: 12 Oct 2023 16:03

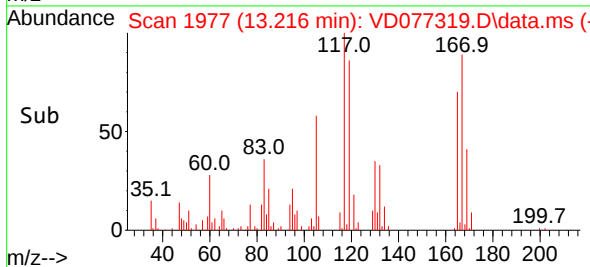
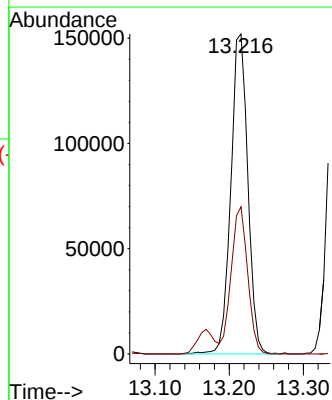
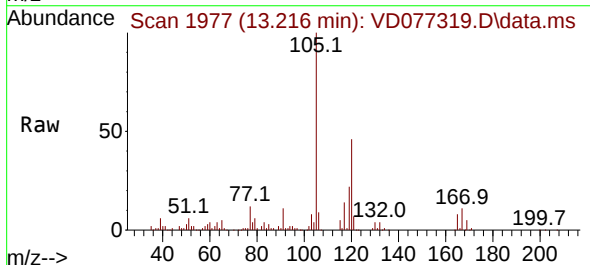
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1012SBSD01

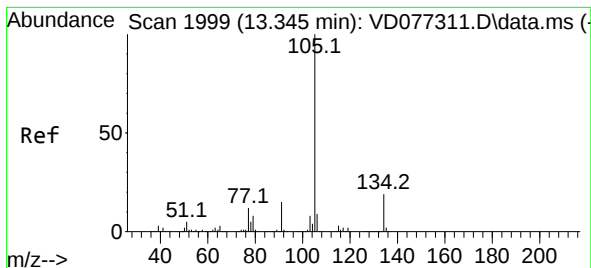
Tgt Ion:119 Resp: 199000
 Ion Ratio Lower Upper
 119 100
 91 62.4 29.3 87.8
 134 25.1 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.804 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD077319.D
 Acq: 12 Oct 2023 16:03

Tgt Ion:105 Resp: 241879
 Ion Ratio Lower Upper
 105 100
 120 44.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 20.403 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

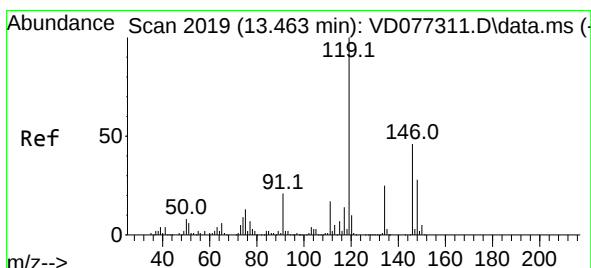
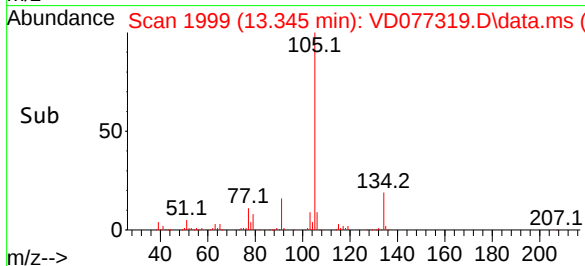
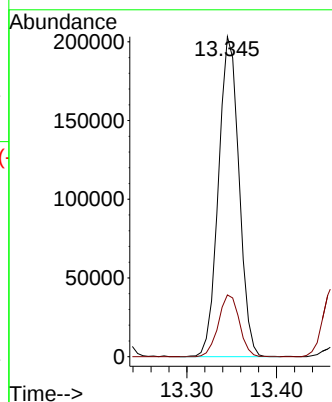
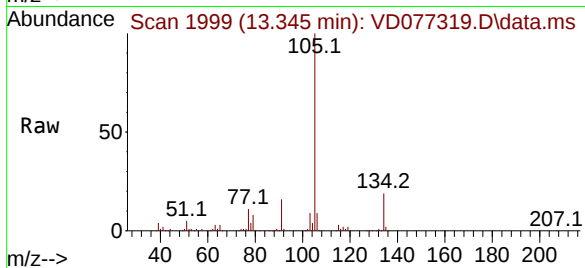
VD1012SBSD01

Tgt Ion:105 Resp: 323309

Ion Ratio Lower Upper

105 100

134 19.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.881 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

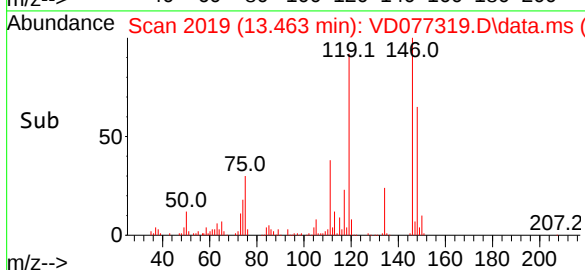
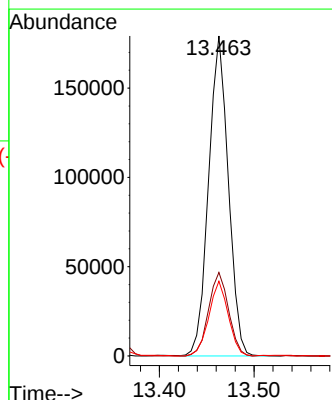
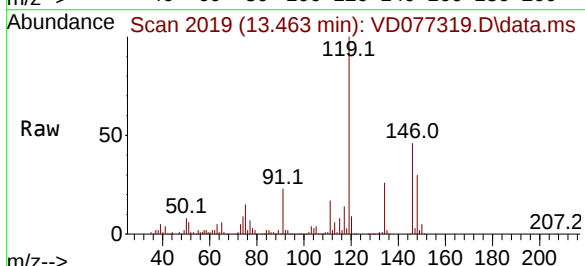
Tgt Ion:119 Resp: 259080

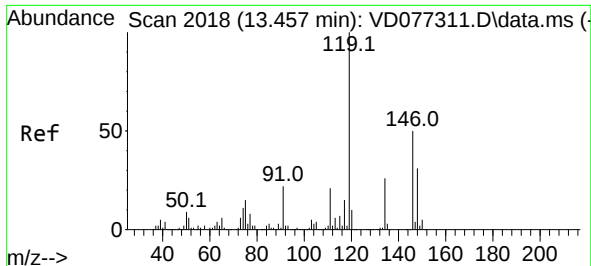
Ion Ratio Lower Upper

119 100

134 26.6 14.2 42.6

91 23.0 10.5 31.5

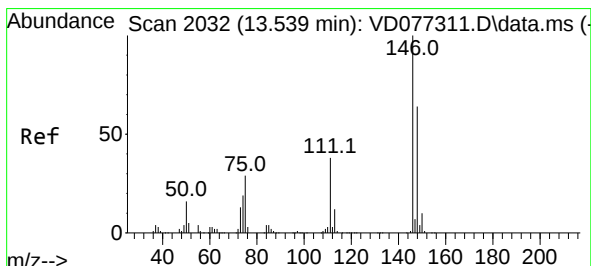
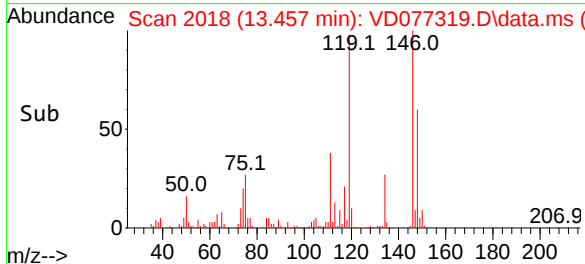
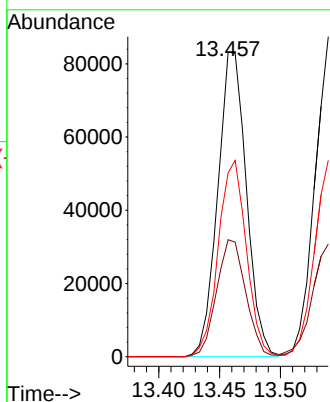
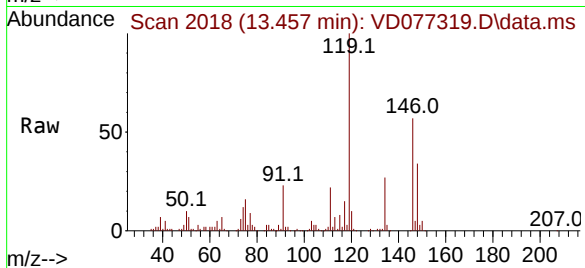




#87
1,3-Dichlorobenzene
Concen: 19.726 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

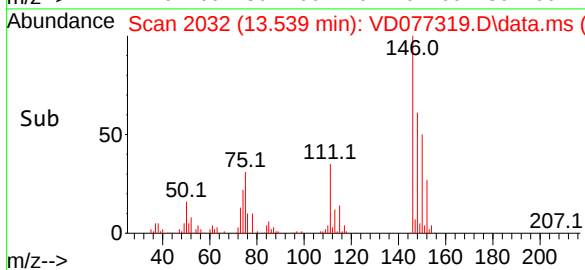
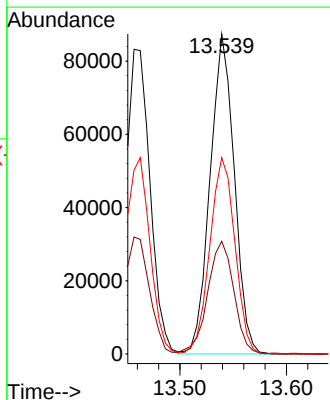
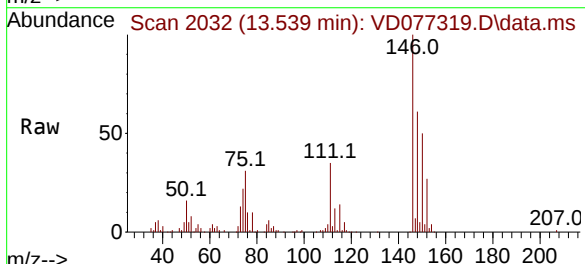
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

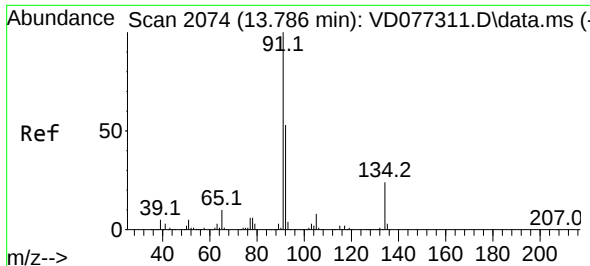
Tgt Ion:146 Resp: 136591
Ion Ratio Lower Upper
146 100
111 39.1 17.9 53.8
148 63.1 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.323 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion:146 Resp: 138151
Ion Ratio Lower Upper
146 100
111 38.0 17.4 52.3
148 63.6 31.7 95.1

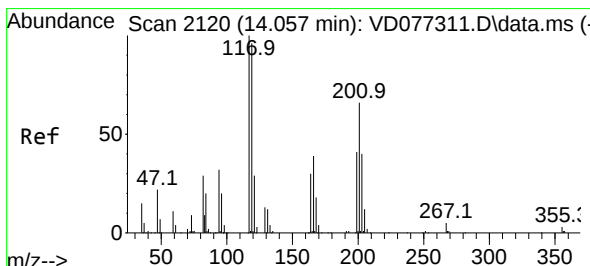
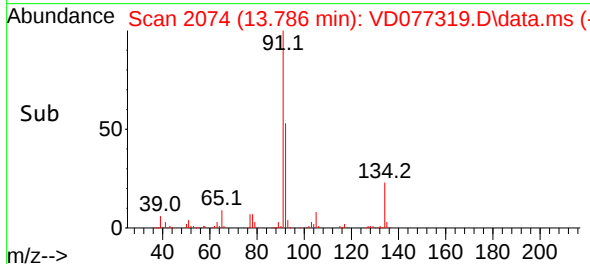
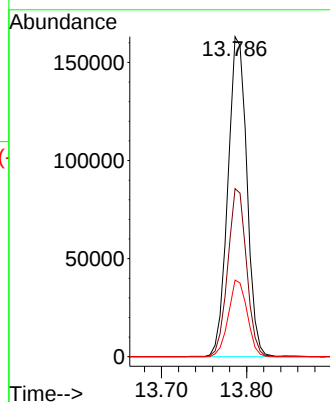
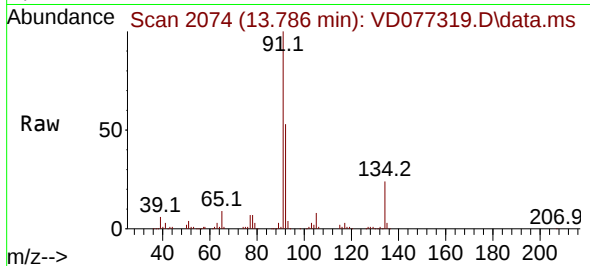




#89
n-Butylbenzene
Concen: 19.751 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

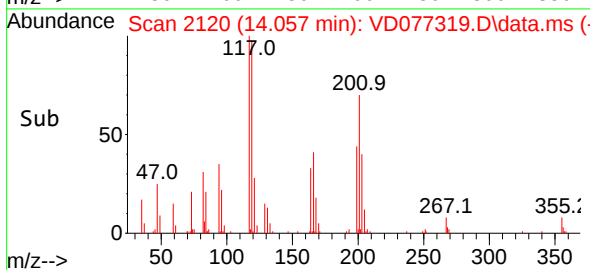
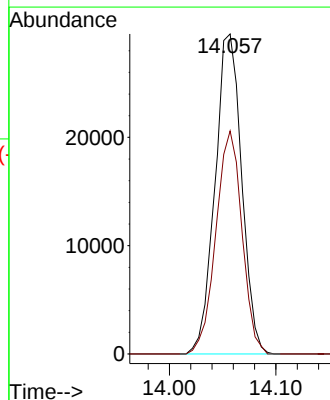
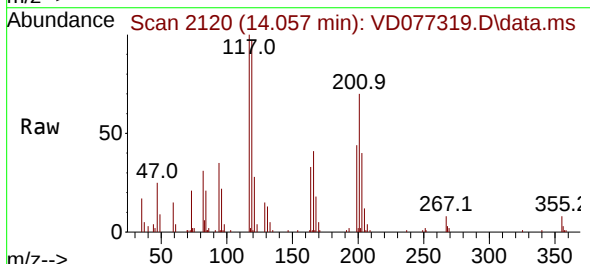
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

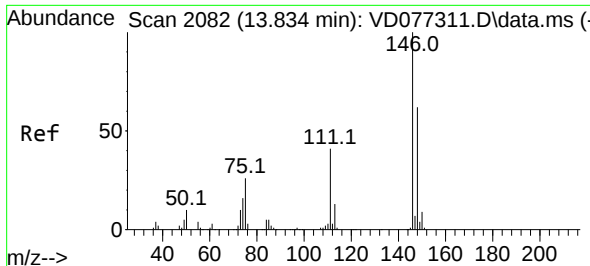
Tgt Ion: 91 Resp: 252114
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 23.8 13.8 41.3



#90
Hexachloroethane
Concen: 20.220 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion: 117 Resp: 51317
Ion Ratio Lower Upper
117 100
201 68.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 19.625 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VD1012SBSD01

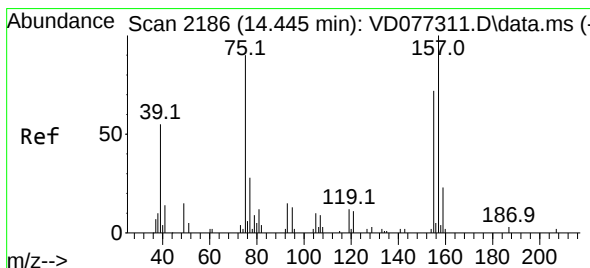
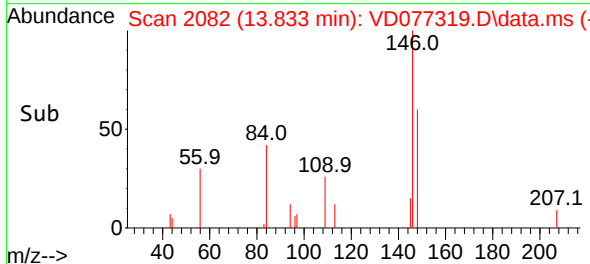
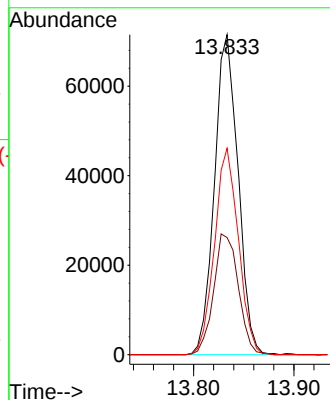
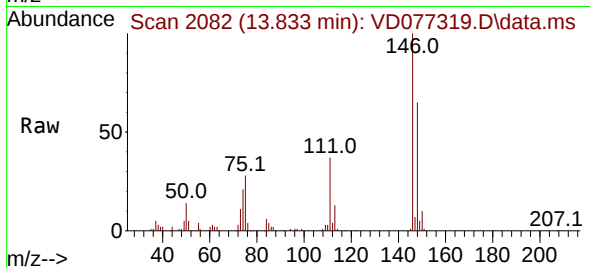
Tgt Ion:146 Resp: 116948

Ion Ratio Lower Upper

146 100

111 39.5 18.3 54.8

148 65.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.513 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD077319.D

Acq: 12 Oct 2023 16:03

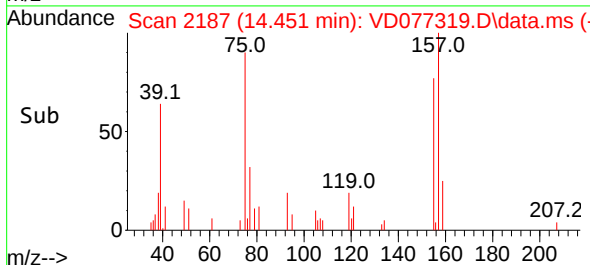
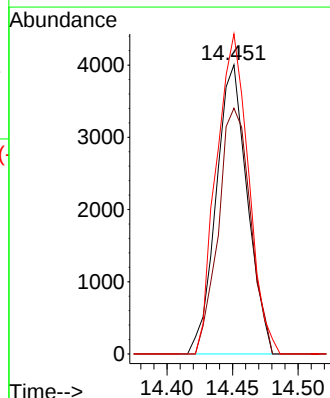
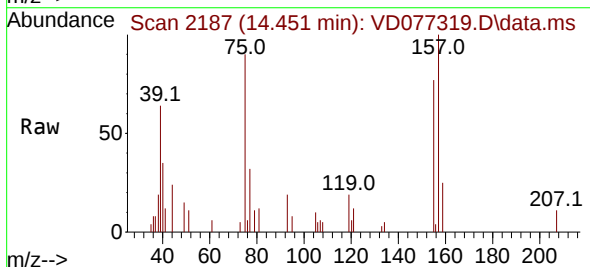
Tgt Ion: 75 Resp: 6633

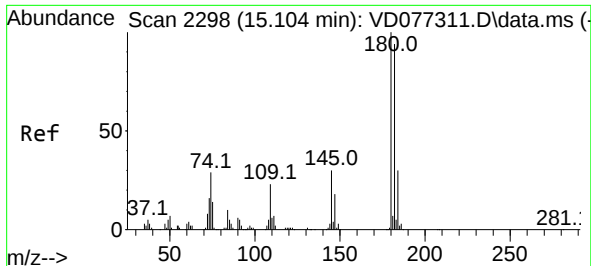
Ion Ratio Lower Upper

75 100

155 87.1 47.9 143.8

157 113.8 59.9 179.7

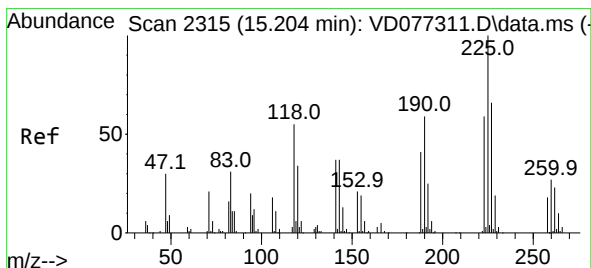
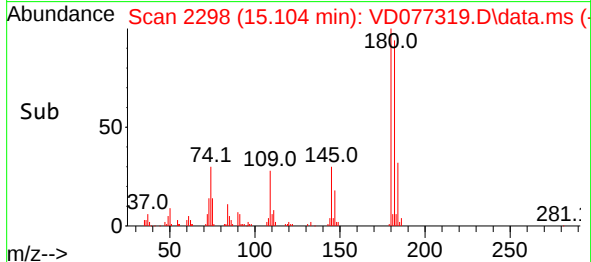
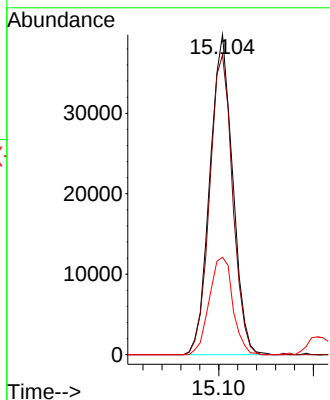
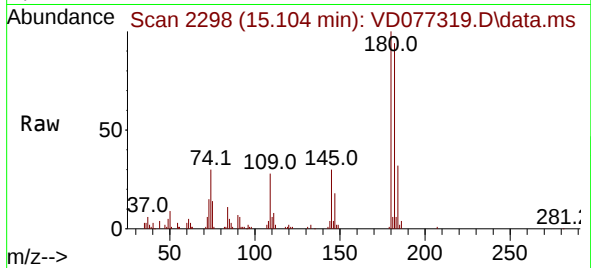




#93
1,2,4-Trichlorobenzene
Concen: 18.248 ug/l
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

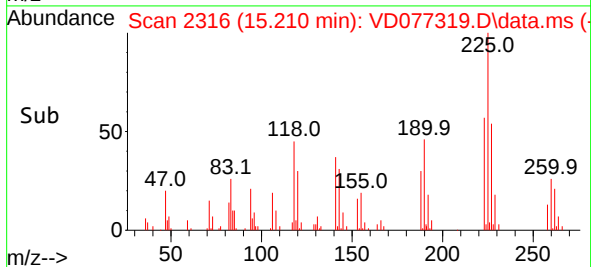
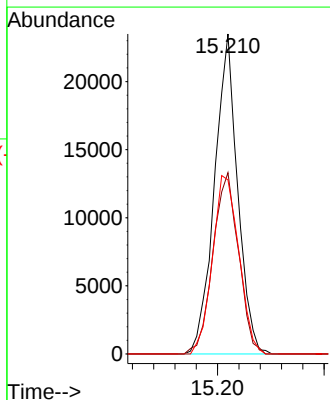
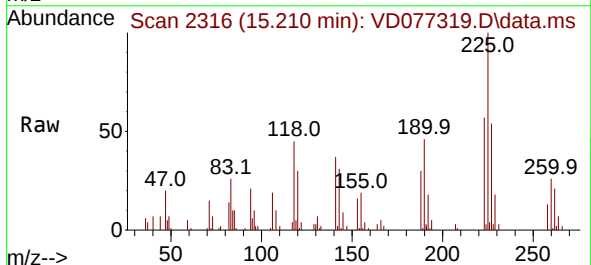
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

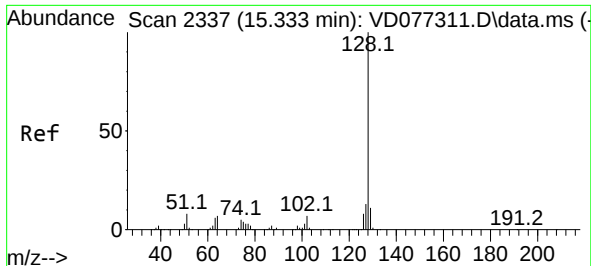
Tgt Ion:180 Resp: 66549
Ion Ratio Lower Upper
180 100
182 94.0 48.5 145.6
145 31.4 14.2 42.6



#94
Hexachlorobutadiene
Concen: 19.620 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion:225 Resp: 35402
Ion Ratio Lower Upper
225 100
223 62.6 31.6 94.8
227 63.6 31.7 95.1

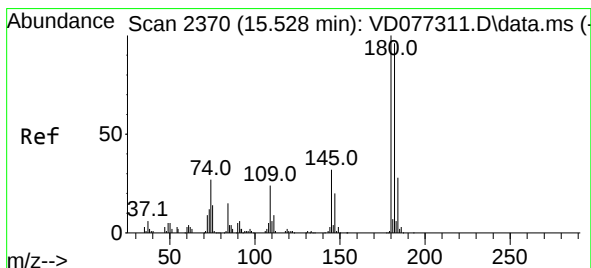
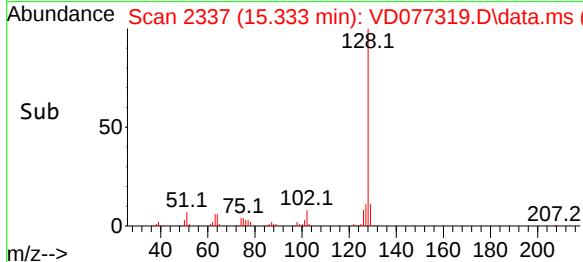
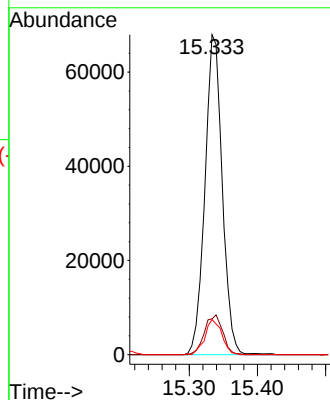
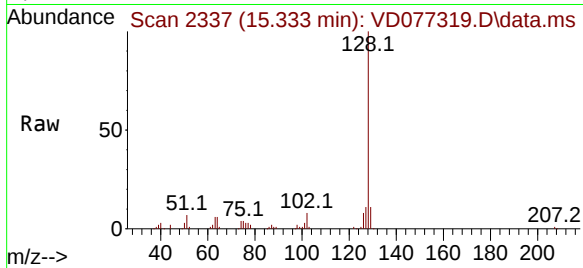




#95
Naphthalene
Concen: 16.976 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VD1012SBSD01

Tgt Ion:128 Resp: 120095
Ion Ratio Lower Upper
128 100
127 11.2 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.631 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD077319.D
Acq: 12 Oct 2023 16:03

Tgt Ion:180 Resp: 59870
Ion Ratio Lower Upper
180 100
182 91.4 47.3 141.9
145 30.3 15.1 45.3

