

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076531.D
 Acq On : 22 Jun 2023 11:18
 Operator : KP/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Quant Time: Jun 23 06:35:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	134828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	222133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	201492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60679	44.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.840%
35) Dibromofluoromethane	7.799	113	64559	48.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.840%
50) Toluene-d8	10.269	98	243694	48.694	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.575	95	80972	49.853	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.700%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	20244	19.760	ug/l	94
3) Chloromethane	2.146	50	37304	17.508	ug/l	90
4) Vinyl Chloride	2.281	62	43019	18.099	ug/l	100
5) Bromomethane	2.676	94	29621	19.167	ug/l	97
6) Chloroethane	2.828	64	31153	19.123	ug/l	98
7) Trichlorofluoromethane	3.170	101	39075	19.977	ug/l	97
8) Diethyl Ether	3.587	74	12531	17.022	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.964	101	25133	19.951	ug/l	98
10) Methyl Iodide	4.152	142	27420	18.360	ug/l #	88
11) Tert butyl alcohol	5.064	59	10260	87.968	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	22448	18.195	ug/l #	82
13) Acrolein	3.787	56	12246	97.479	ug/l	92
14) Allyl chloride	4.558	41	41379	18.340	ug/l #	88
15) Acrylonitrile	5.252	53	33449	88.364	ug/l	95
16) Acetone	4.017	43	31253	97.224	ug/l #	80
17) Carbon Disulfide	4.264	76	58552	17.370	ug/l	97
18) Methyl Acetate	4.564	43	26757	18.062	ug/l #	84
19) Methyl tert-butyl Ether	5.322	73	62365	18.480	ug/l	99
20) Methylene Chloride	4.799	84	33287	12.676	ug/l #	77
21) trans-1,2-Dichloroethene	5.299	96	27441	19.244	ug/l	94
22) Diisopropyl ether	6.216	45	88202	18.079	ug/l #	88
23) Vinyl Acetate	6.152	43	214054	88.516	ug/l #	89
24) 1,1-Dichloroethane	6.105	63	52470	19.260	ug/l	93
25) 2-Butanone	7.081	43	46618	93.763	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	45317	19.294	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	31915	18.493	ug/l	85
28) Bromochloromethane	7.428	49	16466	19.747	ug/l #	70
29) Tetrahydrofuran	7.440	42	28471	89.106	ug/l #	76
30) Chloroform	7.593	83	52636	19.513	ug/l	98
31) Cyclohexane	7.875	56	39511	17.996	ug/l	84
32) 1,1,1-Trichloroethane	7.787	97	42929	19.687	ug/l	98
36) 1,1-Dichloropropene	8.011	75	36881	19.958	ug/l	99
37) Ethyl Acetate	7.169	43	17436	16.283	ug/l	98
38) Carbon Tetrachloride	7.993	117	35451	21.463	ug/l	98
39) Methylcyclohexane	9.269	83	40065	18.475	ug/l #	90
40) Benzene	8.252	78	113271	20.100	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7927	13.109	ug/l #	73
42) 1,2-Dichloroethane	8.322	62	30699	20.161	ug/l	95
43) Isopropyl Acetate	8.358	43	37935	18.712	ug/l #	75
44) Trichloroethene	9.028	130	31102	20.459	ug/l	86
45) 1,2-Dichloropropane	9.305	63	31535	20.639	ug/l	94
46) Dibromomethane	9.393	93	16561	20.233	ug/l	95
47) Bromodichloromethane	9.587	83	39579	20.206	ug/l #	84
48) Methyl methacrylate	9.375	41	16234	17.471	ug/l #	74
49) 1,4-Dioxane	9.381	88	3761	383.499	ug/l #	68
51) 4-Methyl-2-Pentanone	10.157	43	98377	94.931	ug/l #	85
52) Toluene	10.334	92	70695	19.991	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	39282	19.763	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	45728	19.405	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	23188	20.253	ug/l	94
56) Ethyl methacrylate	10.599	69	27385	18.318	ug/l #	66
57) 1,3-Dichloropropane	10.875	76	37658	19.211	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	63217	99.743	ug/l	94
59) 2-Hexanone	10.922	43	68596	95.159	ug/l	85
60) Dibromochloromethane	11.069	129	27362	20.535	ug/l	97
61) 1,2-Dibromoethane	11.181	107	21414	19.924	ug/l	98
64) Tetrachloroethene	10.810	164	26779	22.141	ug/l	94
65) Chlorobenzene	11.604	112	78660	20.549	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	29079	21.241	ug/l	99
67) Ethyl Benzene	11.681	91	140137	20.661	ug/l	96
68) m/p-Xylenes	11.793	106	106624	40.270	ug/l	90
69) o-Xylene	12.122	106	51952	20.613	ug/l	93
70) Styrene	12.134	104	86803	19.937	ug/l #	91
71) Bromoform	12.299	173	17174	20.894	ug/l #	95
73) Isopropylbenzene	12.422	105	135572	19.629	ug/l	95
74) N-amyl acetate	12.234	43	36559	18.081	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.675	83	27520	19.310	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	33010	32.423	ug/l #	100
77) Bromobenzene	12.698	156	34083	20.003	ug/l	89
78) n-propylbenzene	12.763	91	169010	19.819	ug/l	97
79) 2-Chlorotoluene	12.846	91	91149	19.464	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	109202	19.361	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	8312	17.890	ug/l #	87
82) 4-Chlorotoluene	12.946	91	96463	19.835	ug/l	95
83) tert-Butylbenzene	13.169	119	99174	19.789	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	109682	19.297	ug/l	100
85) sec-Butylbenzene	13.346	105	149852	20.149	ug/l	97
86) p-Isopropyltoluene	13.463	119	123309	19.843	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	66183	19.774	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	67108	20.104	ug/l	98
89) n-Butylbenzene	13.787	91	119322	19.686	ug/l	99
90) Hexachloroethane	14.057	117	22890	19.960	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	60149	20.566	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4542	21.173	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	37340	19.157	ug/l	98
94) Hexachlorobutadiene	15.204	225	20407	21.535	ug/l	92
95) Naphthalene	15.334	128	71885	18.443	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	33714	19.853	ug/l	99

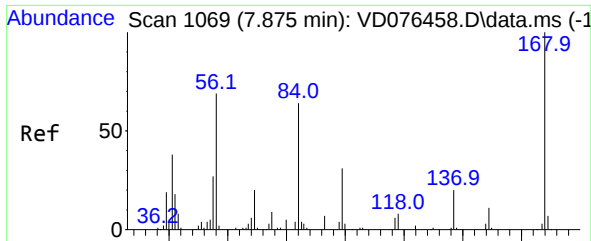
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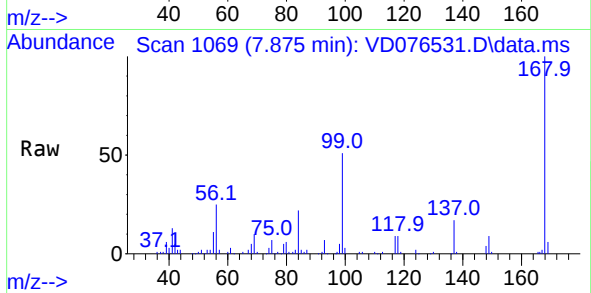
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

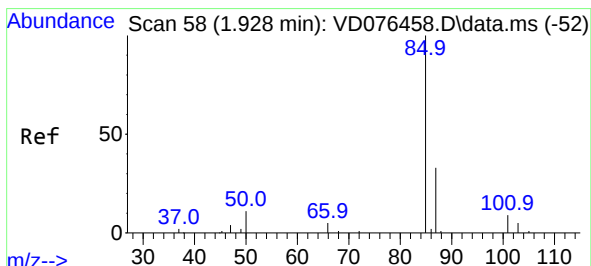
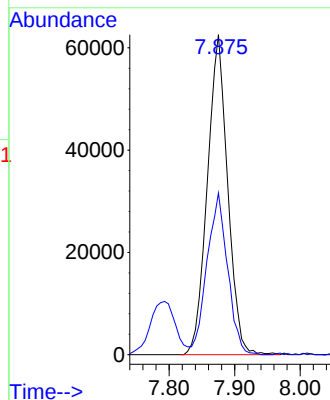
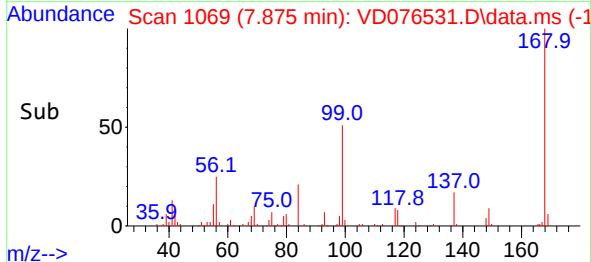


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

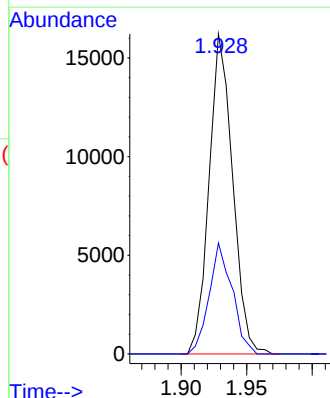
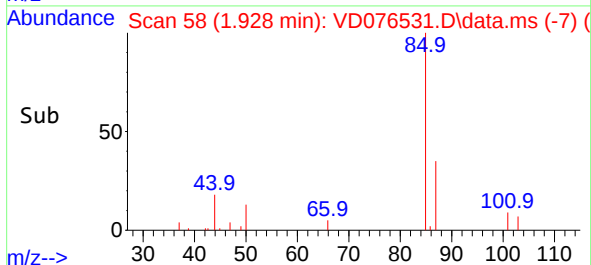
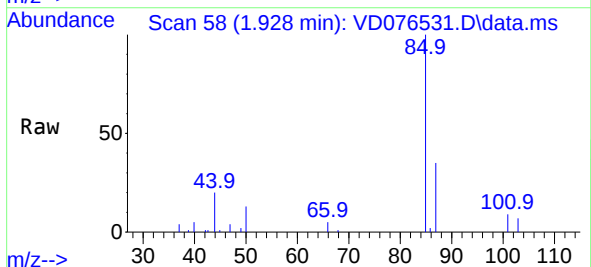


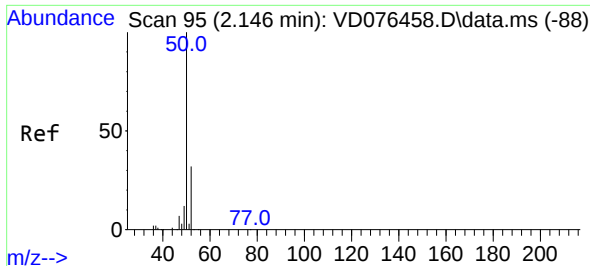
Tgt Ion:168 Resp: 134828
Ion Ratio Lower Upper
168 100
99 50.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 19.760 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 85 Resp: 20244
Ion Ratio Lower Upper
85 100
87 34.7 15.7 47.0

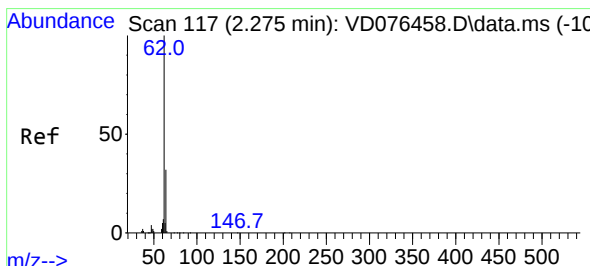
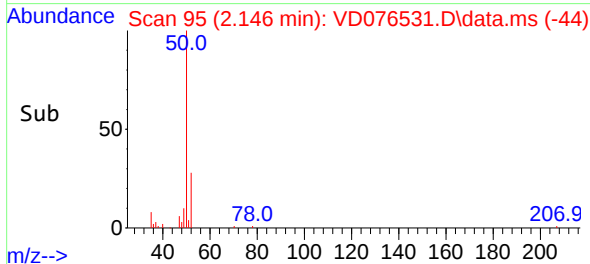
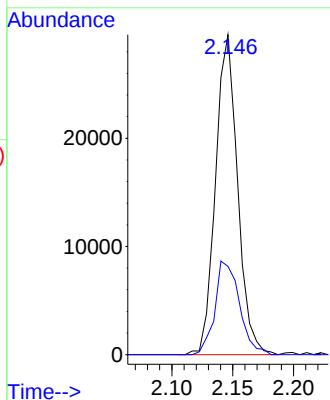
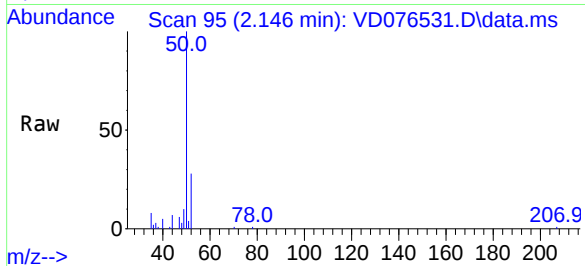




#3
Chloromethane
Concen: 17.508 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

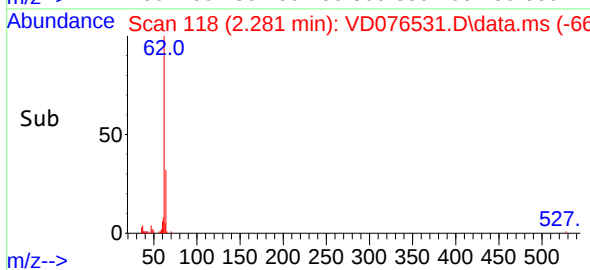
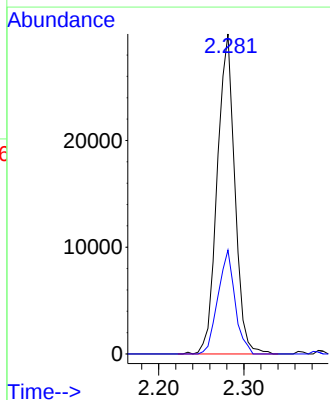
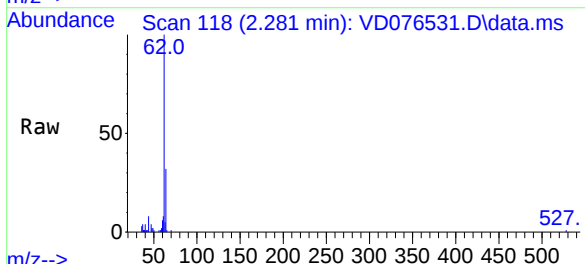
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

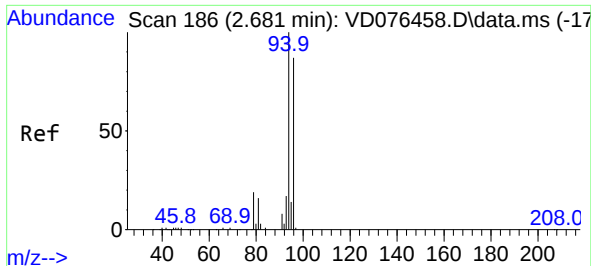
Tgt Ion: 50 Resp: 37304
Ion Ratio Lower Upper
50 100
52 27.6 26.6 40.0



#4
Vinyl Chloride
Concen: 18.099 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 62 Resp: 43019
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

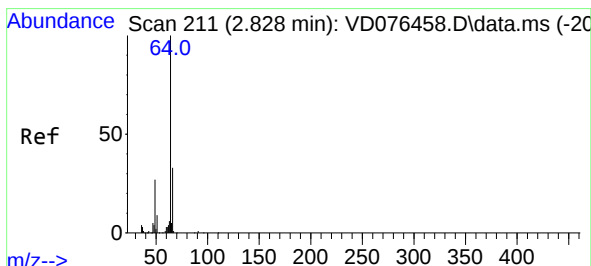
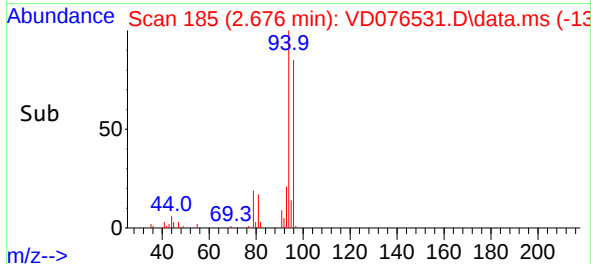
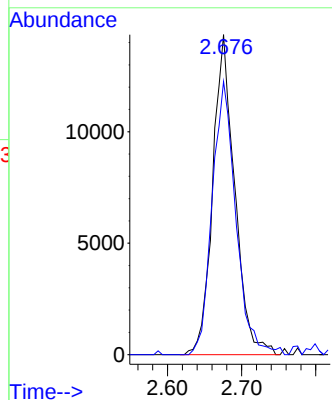
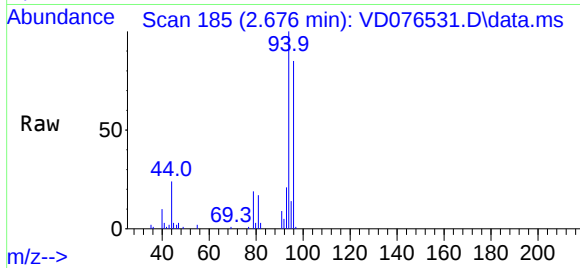




#5
Bromomethane
Concen: 19.167 ug/l
RT: 2.676 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

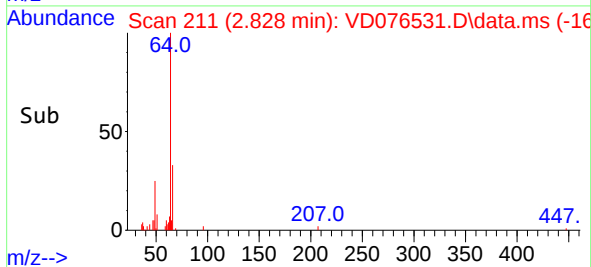
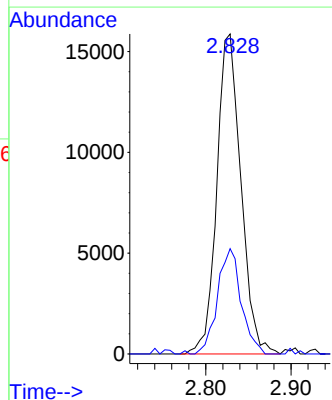
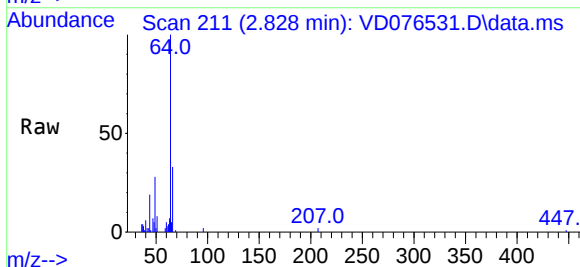
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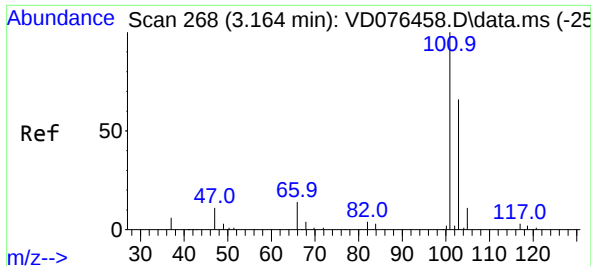
Tgt Ion: 94 Resp: 29621
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.8



#6
Chloroethane
Concen: 19.123 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 64 Resp: 31153
Ion Ratio Lower Upper
64 100
66 32.9 25.5 38.3

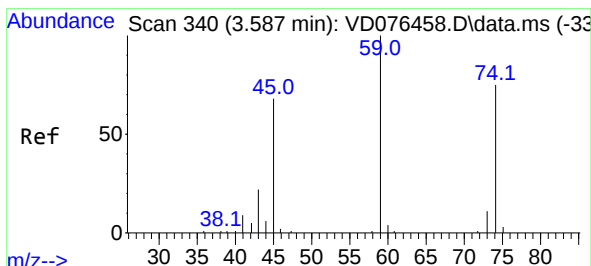
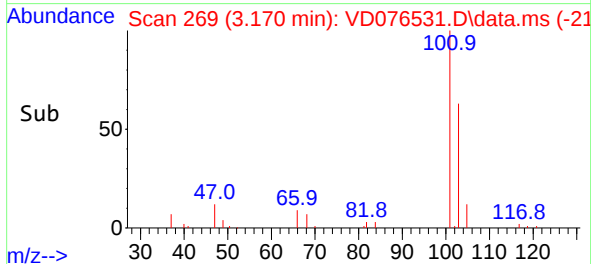
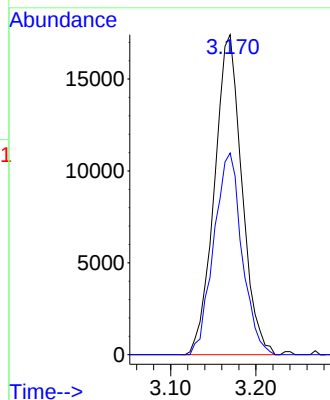
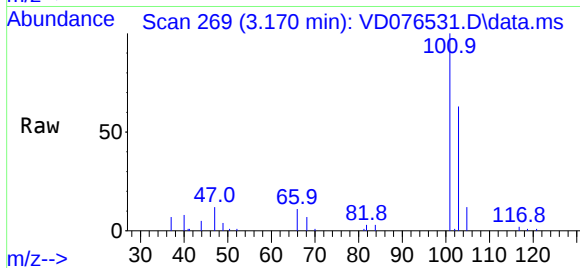




#7
 Trichlorofluoromethane
 Concen: 19.977 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD076531.D
 Acq: 22 Jun 2023 11:18

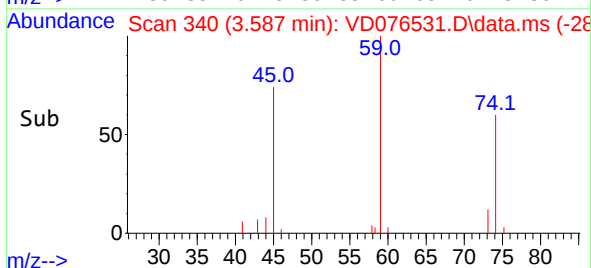
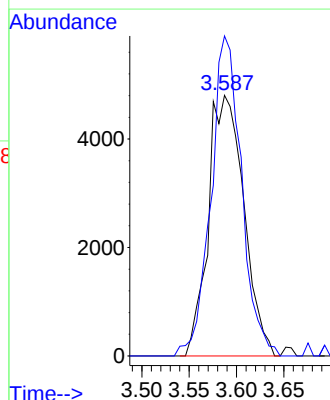
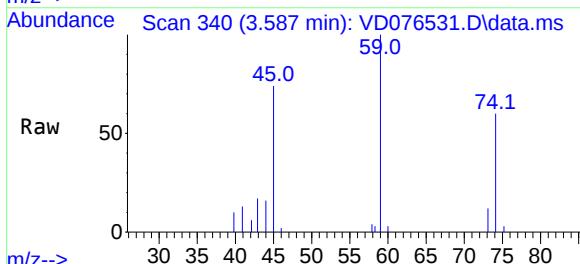
Instrument :
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 ClientSampleId :
 VD0622SBS01

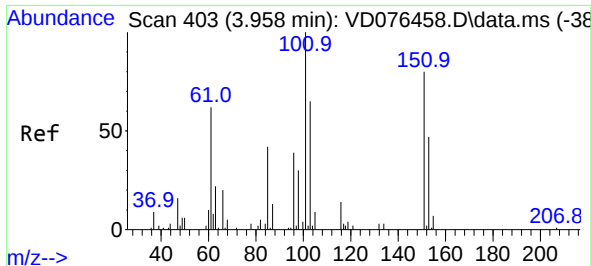
Tgt Ion:101 Resp: 39075
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 17.022 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076531.D
 Acq: 22 Jun 2023 11:18

Tgt Ion: 74 Resp: 12531
 Ion Ratio Lower Upper
 74 100
 45 105.8 37.5 112.7

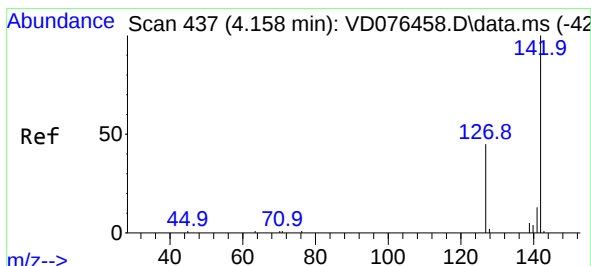
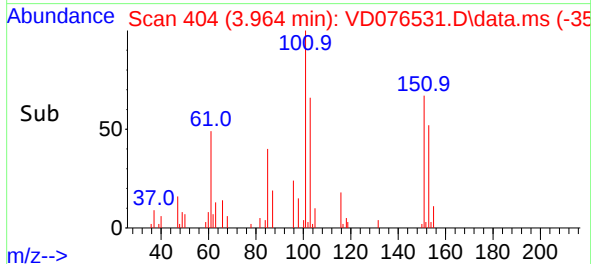
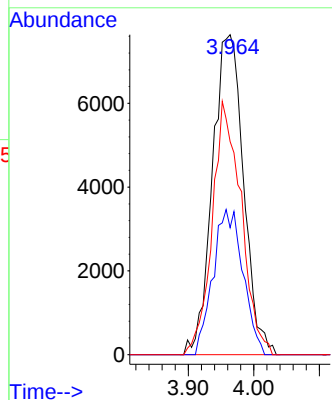
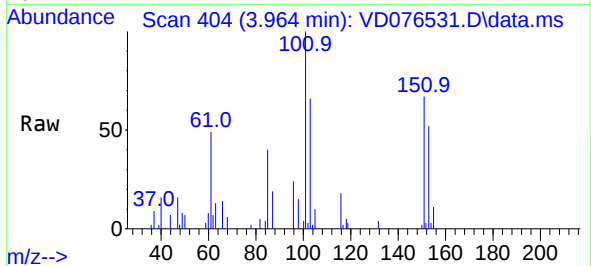




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.951 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD076531.D
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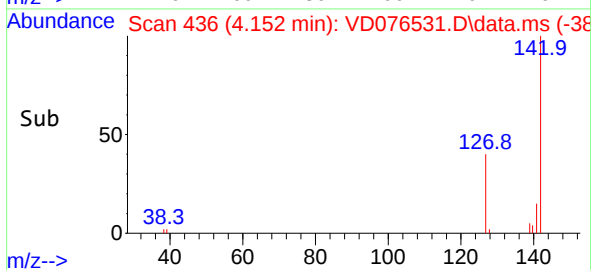
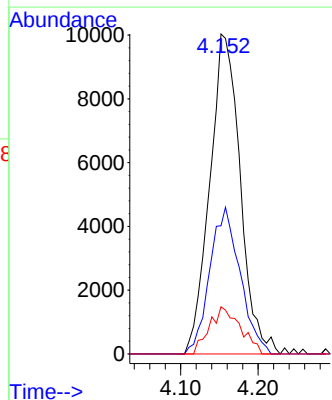
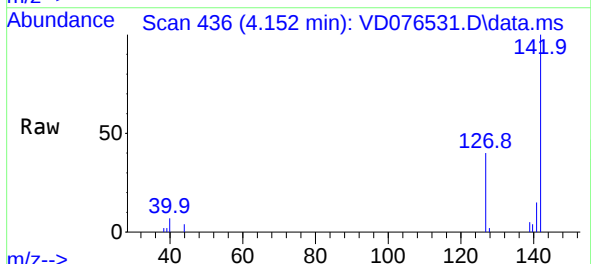
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

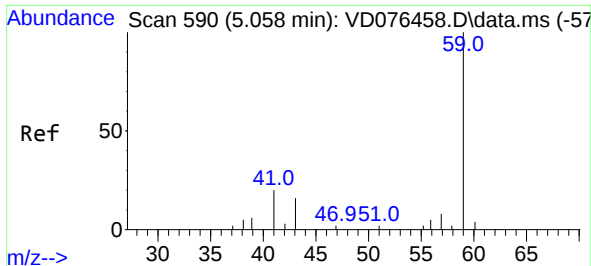
Tgt Ion:101 Resp: 25133
Ion Ratio Lower Upper
101 100
85 43.7 33.8 50.6
151 73.5 59.8 89.6



#10
Methyl Iodide
Concen: 18.360 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion:142 Resp: 27420
Ion Ratio Lower Upper
142 100
127 45.6 29.4 44.0#
141 14.9 11.1 16.7





#11

Tert butyl alcohol

Concen: 87.968 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.006 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

Instrument :

MSVOA_D

ClientSampleId :

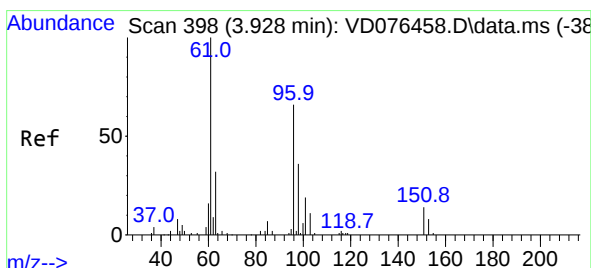
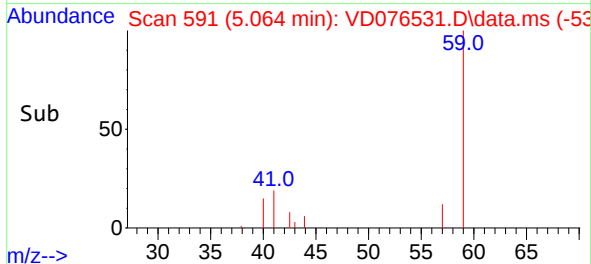
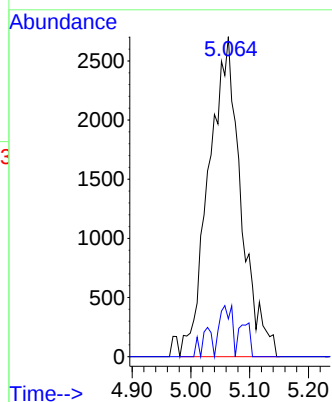
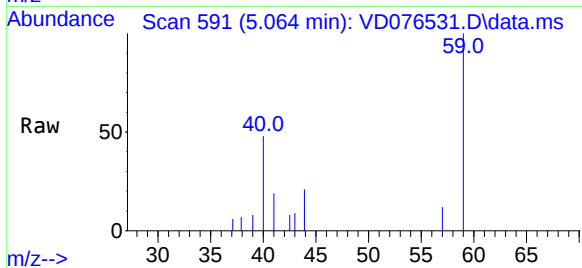
VD0622SBS01

Tgt Ion: 59 Resp: 10260

Ion Ratio Lower Upper

59 100

57 6.1 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 18.195 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.006 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

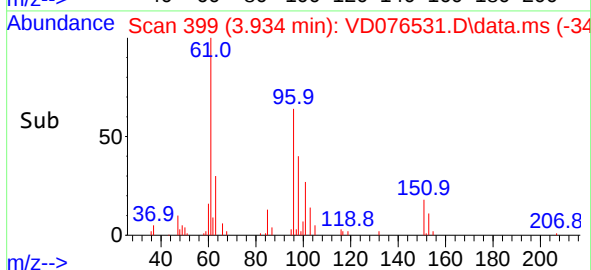
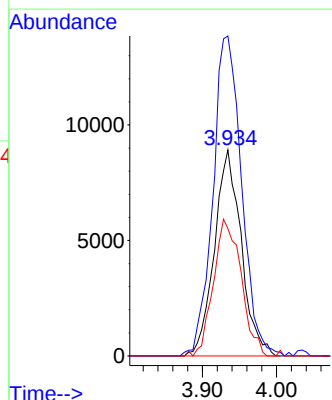
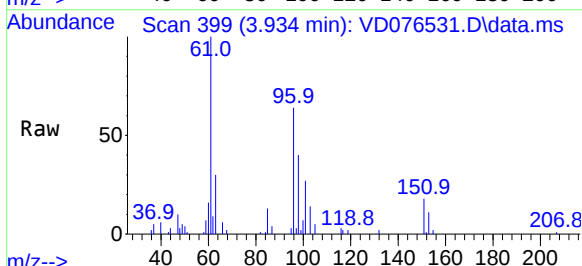
Tgt Ion: 96 Resp: 22448

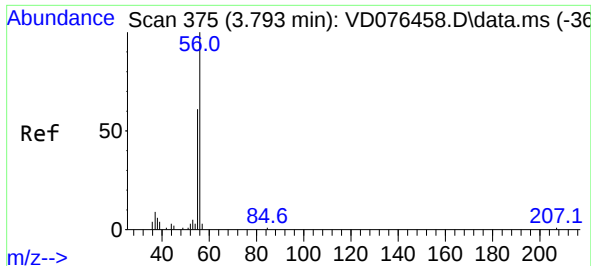
Ion Ratio Lower Upper

96 100

61 155.2 100.6 150.8#

98 61.8 50.2 75.2

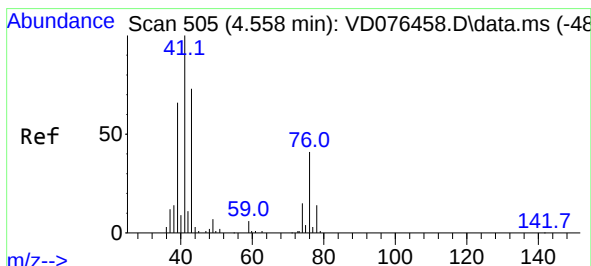
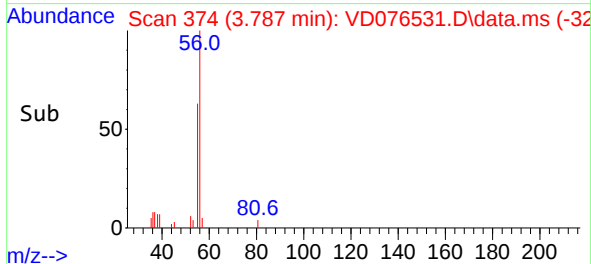
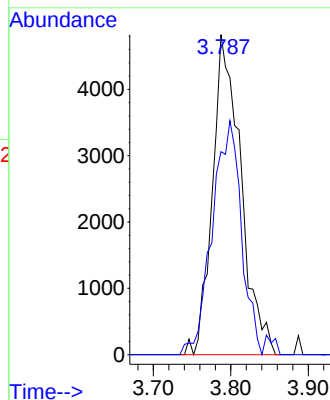
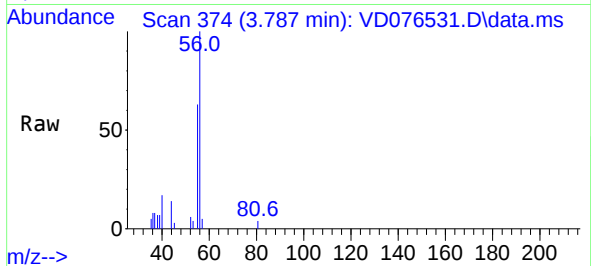




#13
Acrolein
Concen: 97.479 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

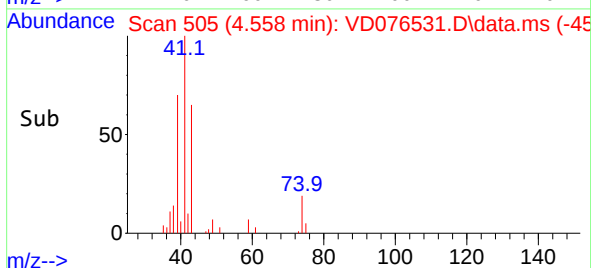
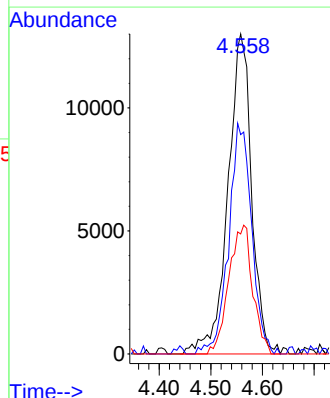
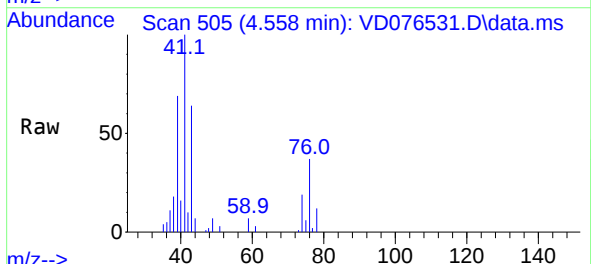
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

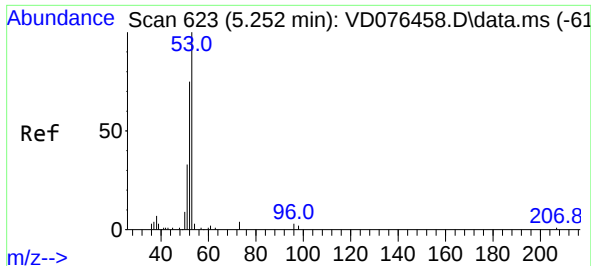
Tgt Ion: 56 Resp: 12246
Ion Ratio Lower Upper
56 100
55 75.1 55.1 82.7



#14
Allyl chloride
Concen: 18.340 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 41 Resp: 41379
Ion Ratio Lower Upper
41 100
39 69.8 53.8 80.6
76 40.5 45.8 68.8#

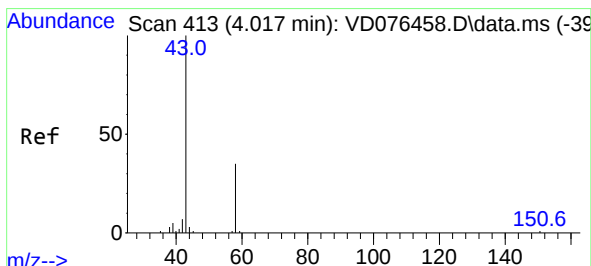
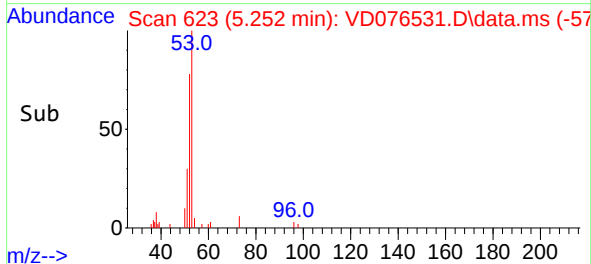
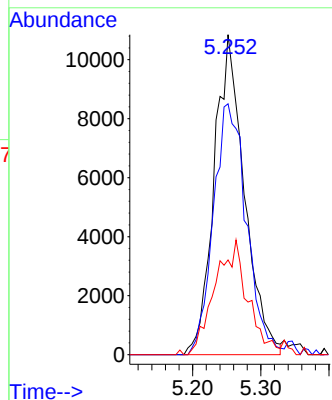
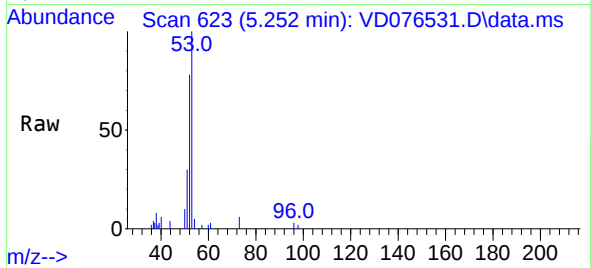




#15
Acrylonitrile
Concen: 88.364 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

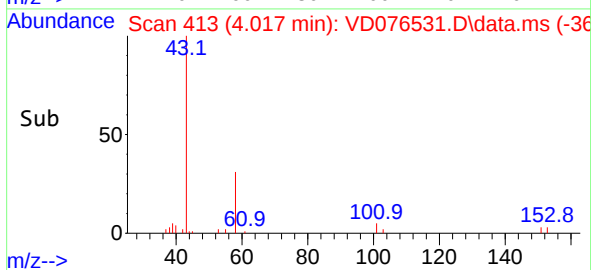
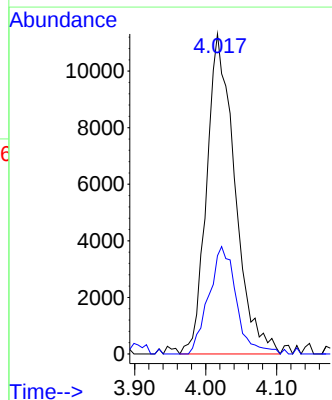
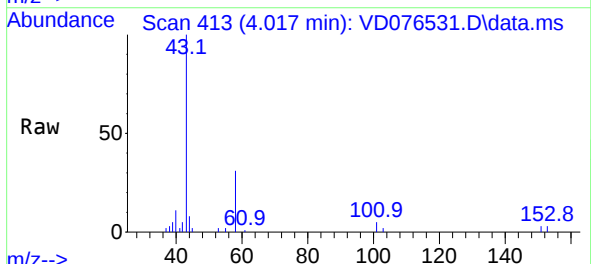
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

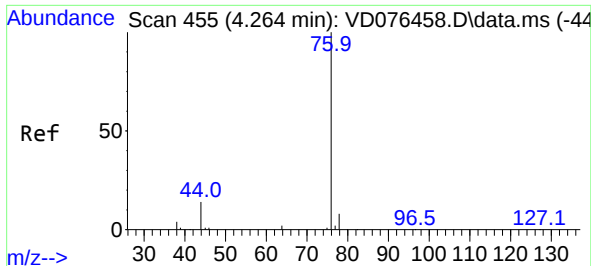
Tgt Ion: 53 Resp: 33449
Ion Ratio Lower Upper
53 100
52 85.6 65.0 97.4
51 38.9 28.3 42.5



#16
Acetone
Concen: 97.224 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 43 Resp: 31253
Ion Ratio Lower Upper
43 100
58 30.7 34.7 52.1#

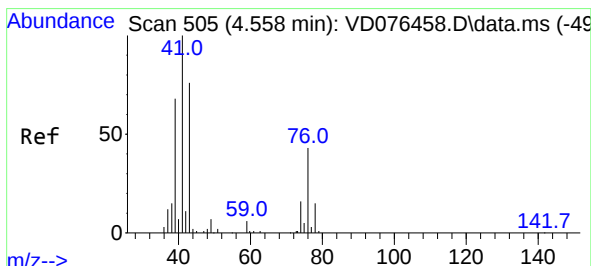
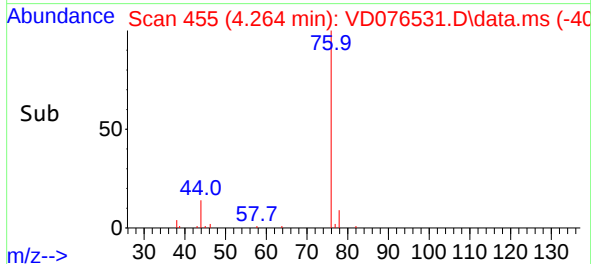
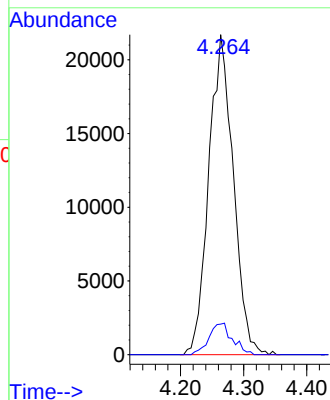
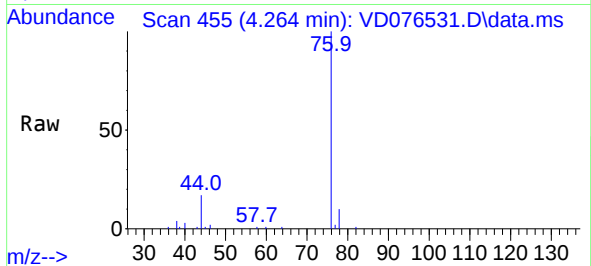




#17
Carbon Disulfide
Concen: 17.370 ug/l
RT: 4.264 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

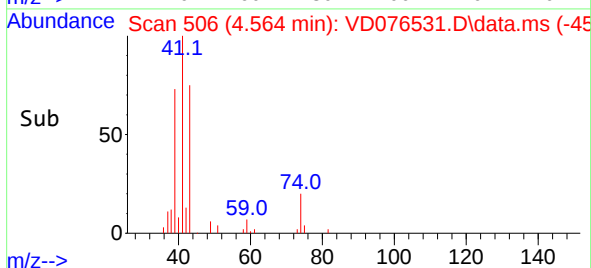
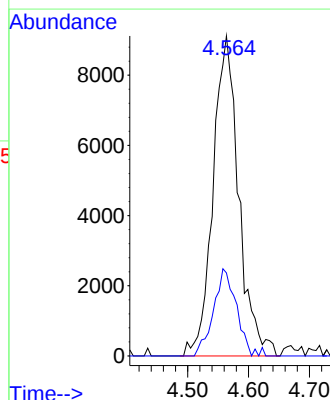
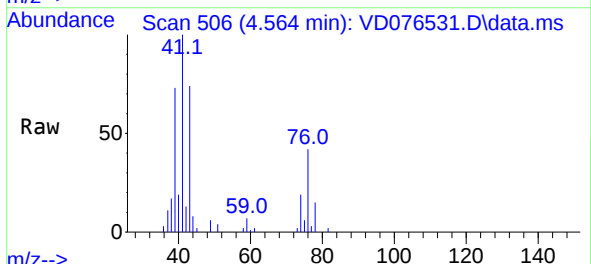
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

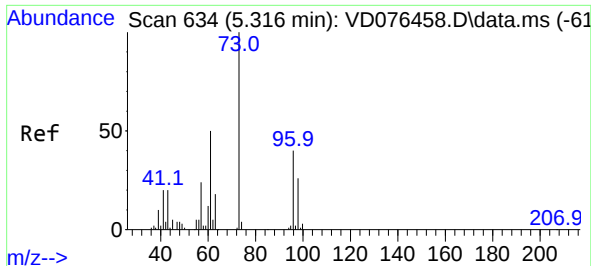
Tgt Ion: 76 Resp: 58552
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 18.062 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 43 Resp: 26757
Ion Ratio Lower Upper
43 100
74 24.1 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 18.480 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

Instrument :

MSVOA_D

ClientSampleId :

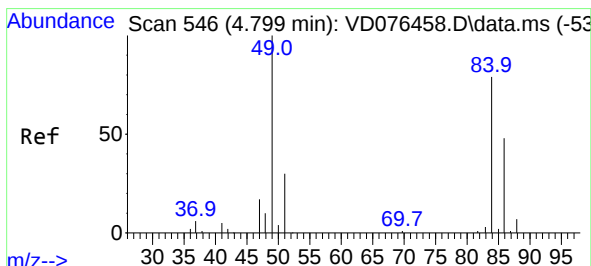
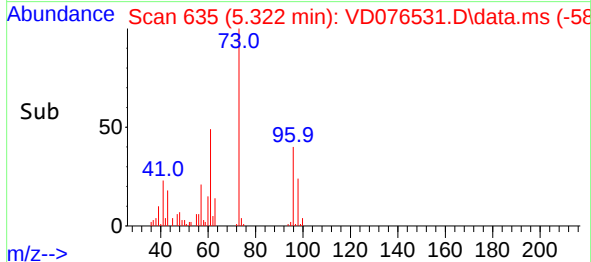
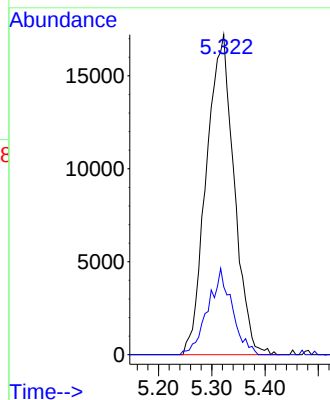
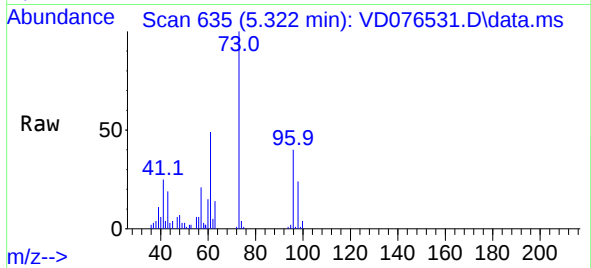
VD0622SBS01

Tgt Ion: 73 Resp: 62365

Ion Ratio Lower Upper

73 100

57 21.2 16.6 25.0



#20

Methylene Chloride

Concen: 12.676 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

Tgt Ion: 84 Resp: 33287

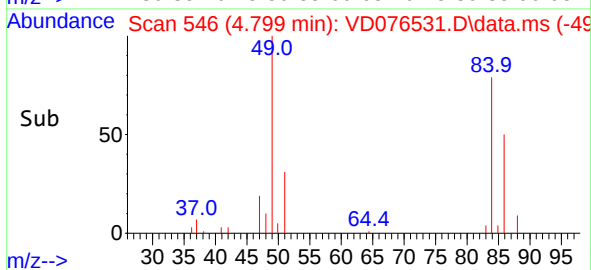
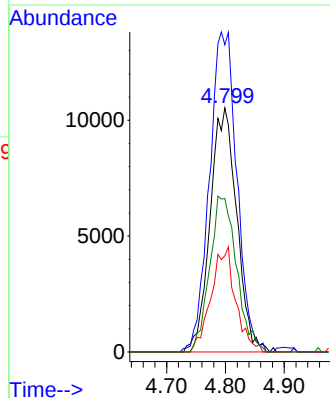
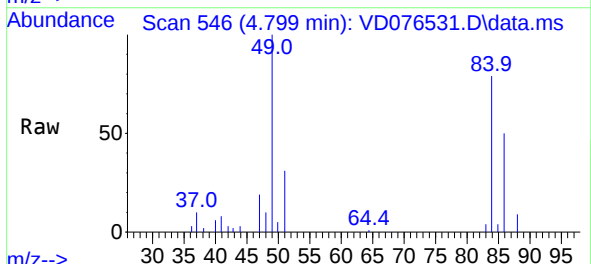
Ion Ratio Lower Upper

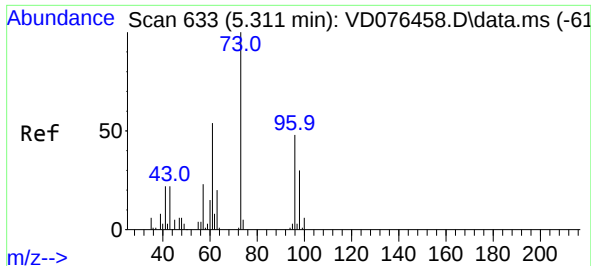
84 100

49 125.9 71.4 107.2#

51 39.4 24.5 36.7#

86 62.9 48.7 73.1

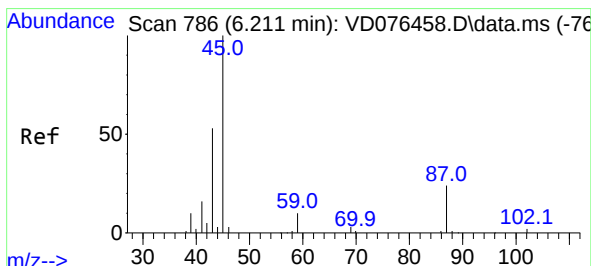
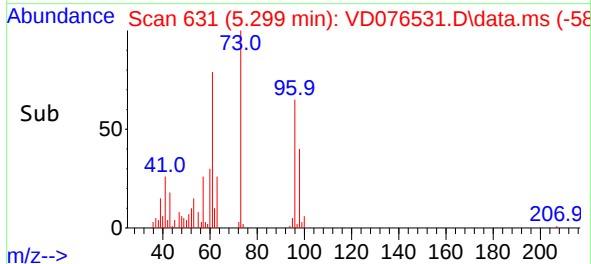
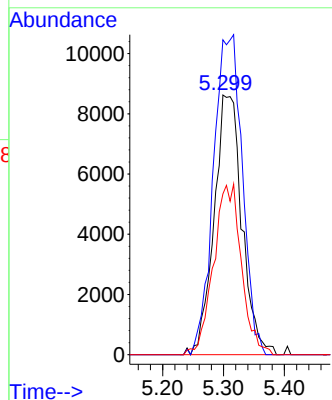
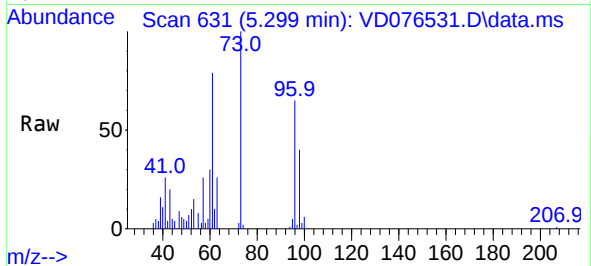




#21
trans-1,2-Dichloroethene
Concen: 19.244 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

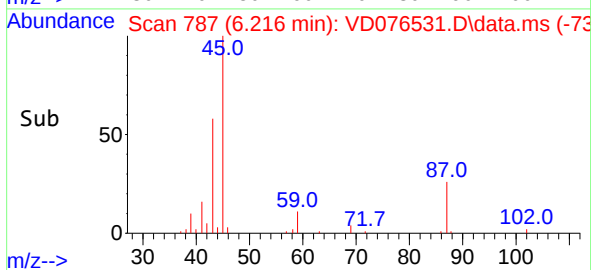
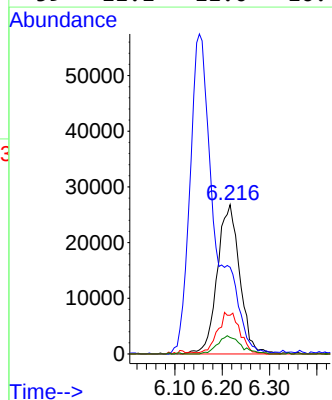
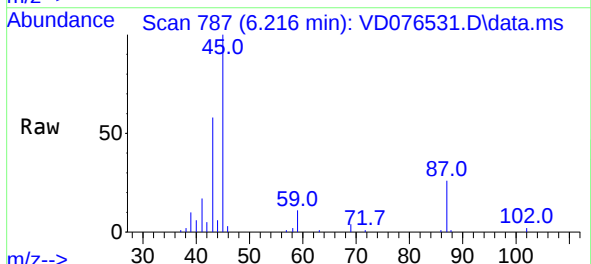
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

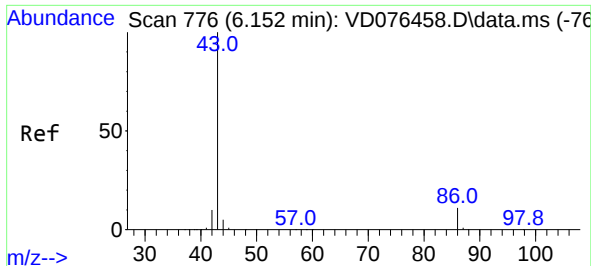
Tgt Ion: 96 Resp: 27441
Ion Ratio Lower Upper
96 100
61 121.2 89.3 133.9
98 61.9 48.6 73.0



#22
Diisopropyl ether
Concen: 18.079 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 45 Resp: 88202
Ion Ratio Lower Upper
45 100
43 57.0 40.0 60.0
87 26.0 28.2 42.4#
59 11.1 11.0 16.4

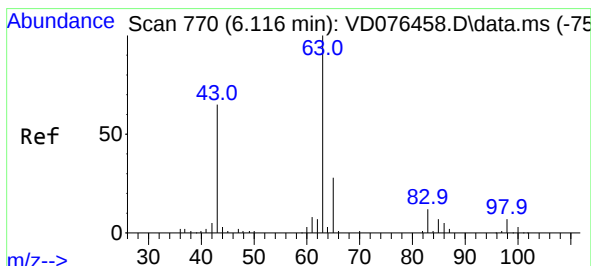
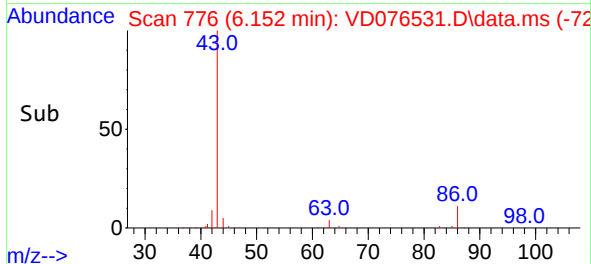
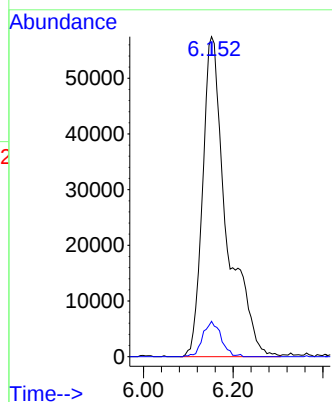
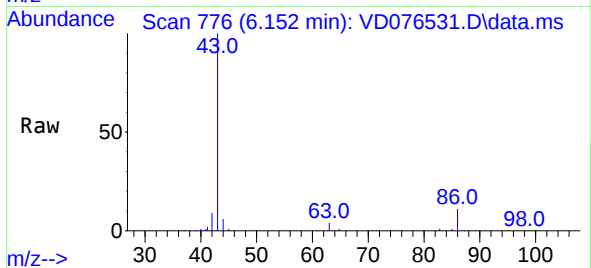




#23
 Vinyl Acetate
 Concen: 88.516 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD076531.D
 Acq: 22 Jun 2023 11:18

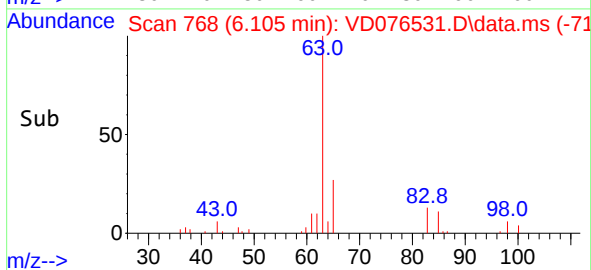
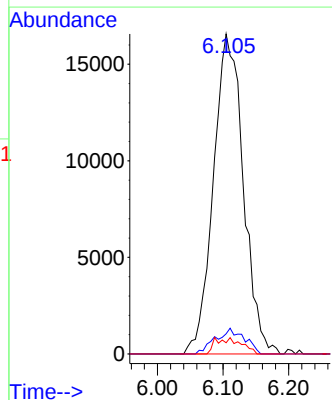
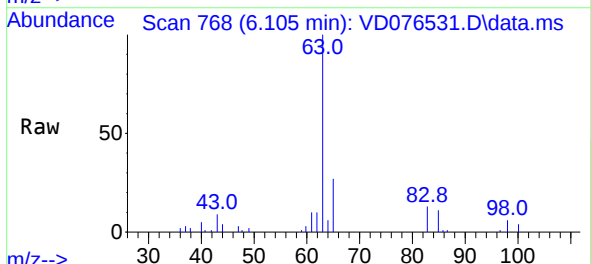
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

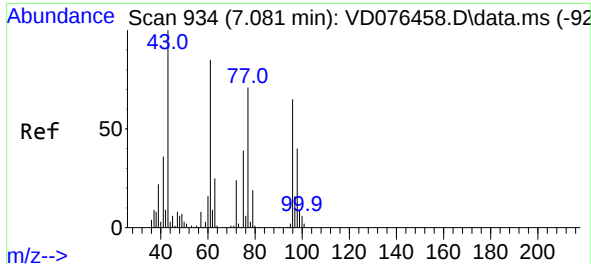
Tgt Ion: 43 Resp: 214054
 Ion Ratio Lower Upper
 43 100
 86 11.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.260 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD076531.D
 Acq: 22 Jun 2023 11:18

Tgt Ion: 63 Resp: 52470
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.5 13.7
 100 3.5 2.5 7.5

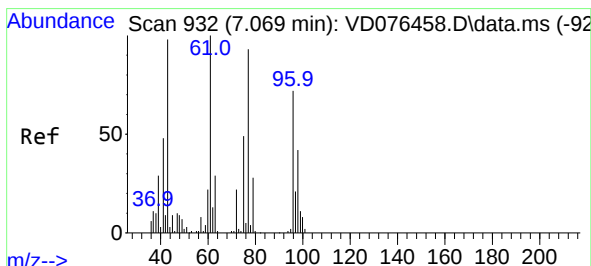
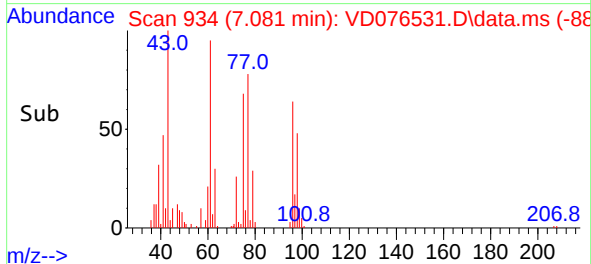
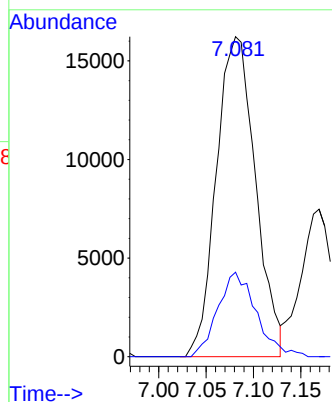
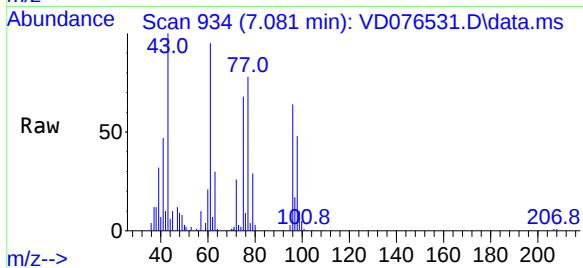




#25
2-Butanone
Concen: 93.763 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

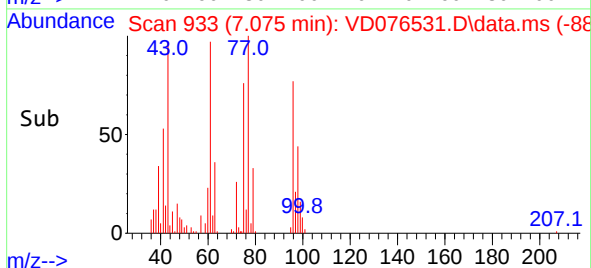
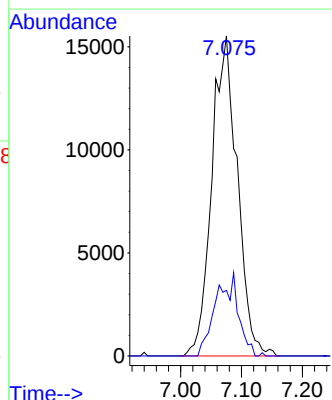
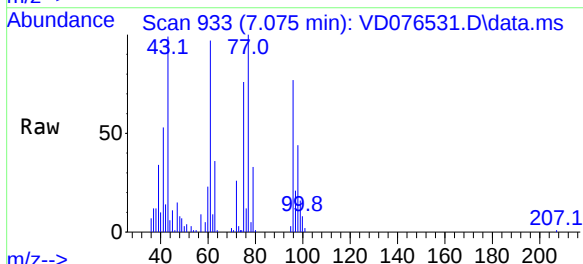
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

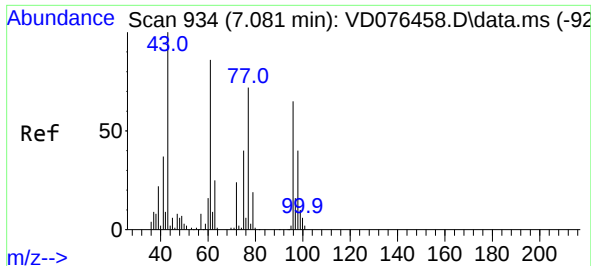
Tgt Ion: 43 Resp: 46618
Ion Ratio Lower Upper
43 100
72 26.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 19.294 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 77 Resp: 45317
Ion Ratio Lower Upper
77 100
97 23.0 13.2 39.6

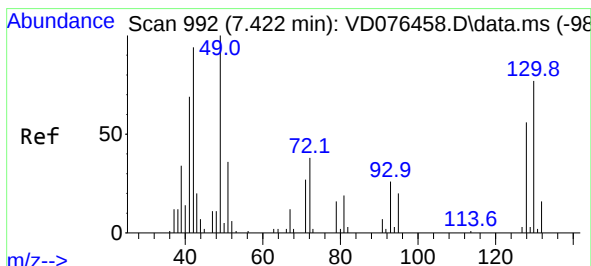
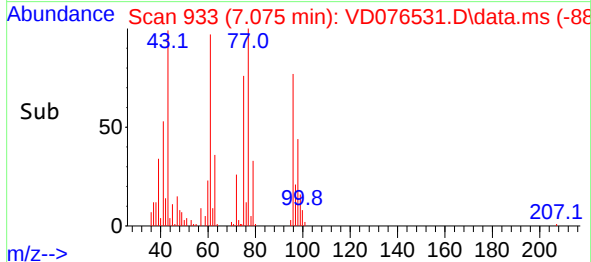
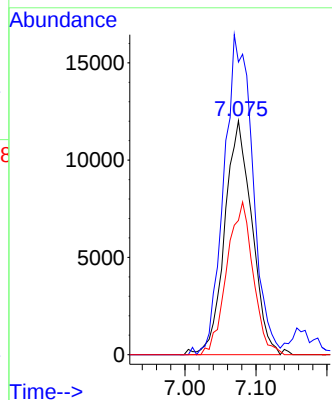
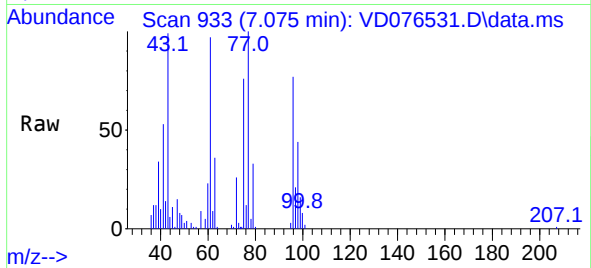




#27
cis-1,2-Dichloroethene
Concen: 18.493 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

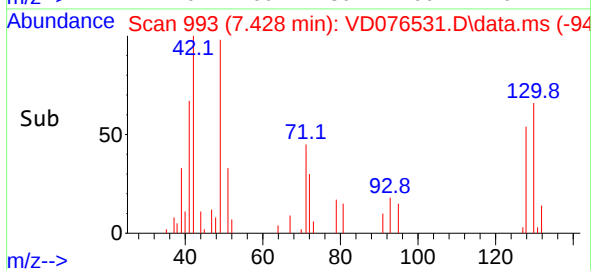
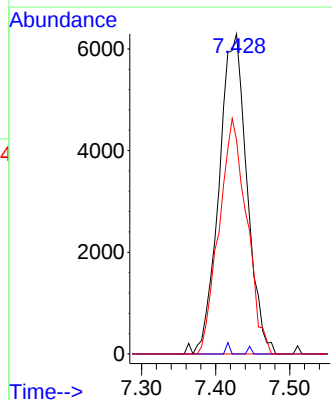
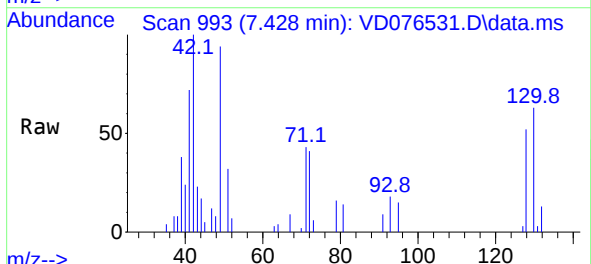
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

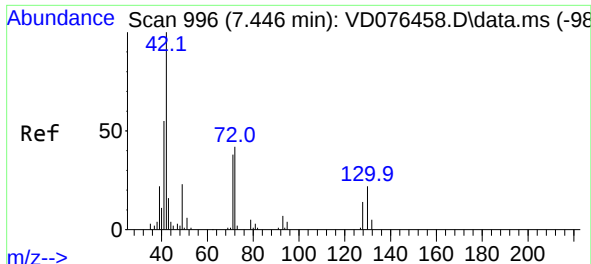
Tgt Ion: 96 Resp: 31915
Ion Ratio Lower Upper
96 100
61 144.9 0.0 239.2
98 63.2 0.0 128.6



#28
Bromochloromethane
Concen: 19.747 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 49 Resp: 16466
Ion Ratio Lower Upper
49 100
129 0.5 0.0 6.0
130 73.0 83.2 124.8#

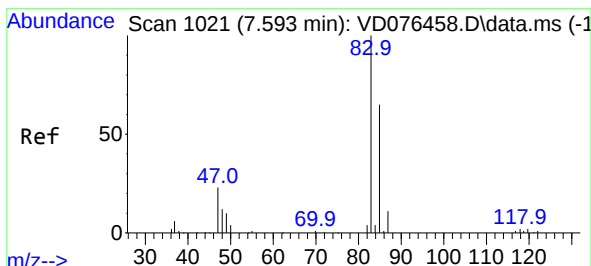
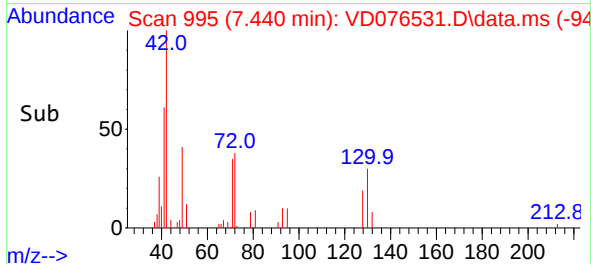
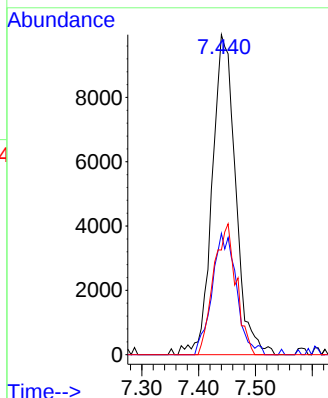
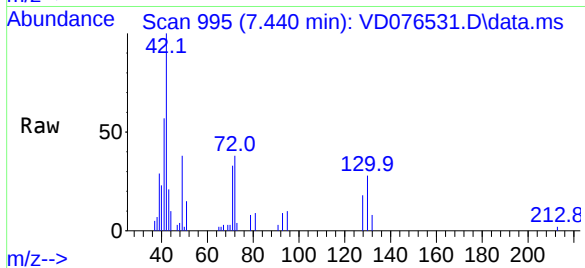




#29
Tetrahydrofuran
Concen: 89.106 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

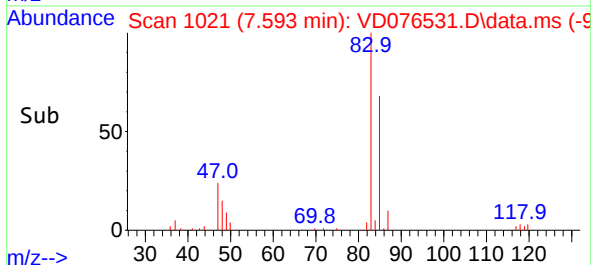
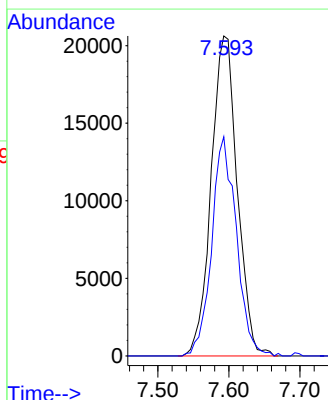
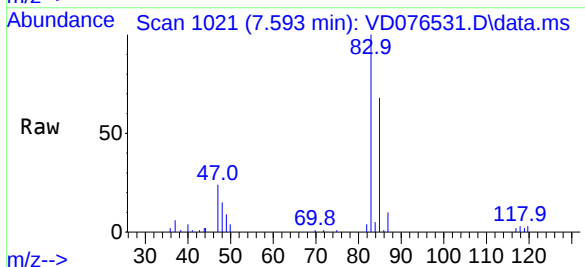
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

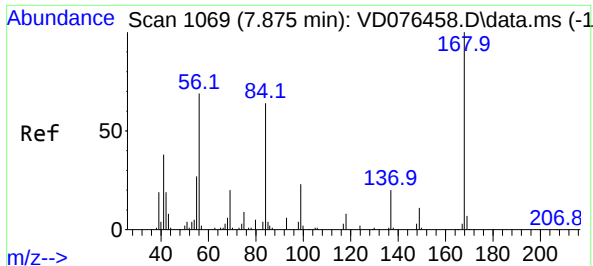
Tgt Ion: 42 Resp: 28471
Ion Ratio Lower Upper
42 100
72 39.6 46.5 69.7#
71 39.5 44.5 66.7#



#30
Chloroform
Concen: 19.513 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 83 Resp: 52636
Ion Ratio Lower Upper
83 100
85 68.5 53.4 80.2





#31

Cyclohexane

Concen: 17.996 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

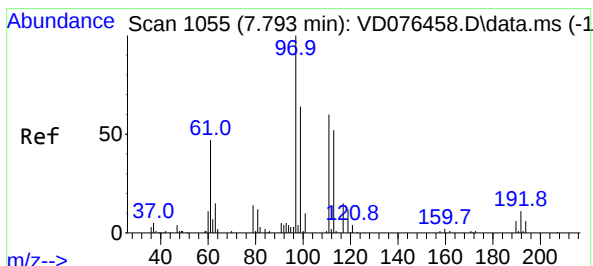
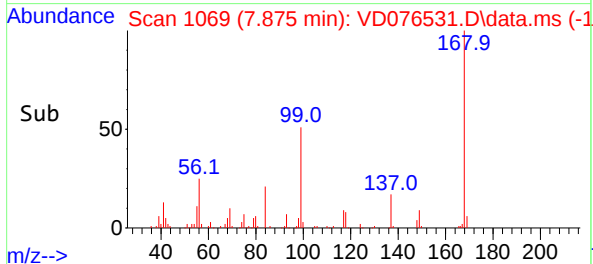
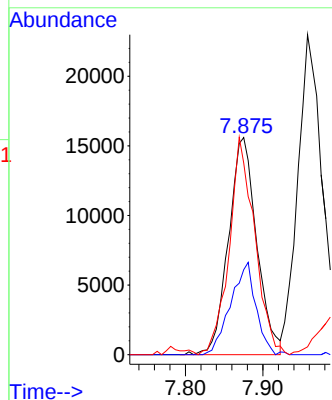
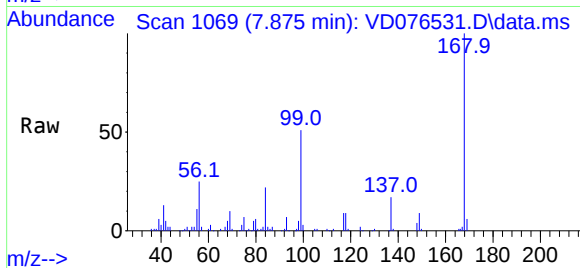
Tgt Ion: 56 Resp: 39511

Ion Ratio Lower Upper

56 100

69 39.1 28.6 43.0

84 85.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 19.687 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

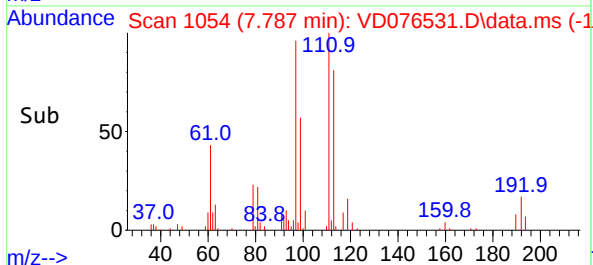
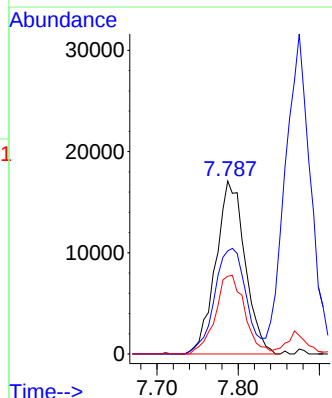
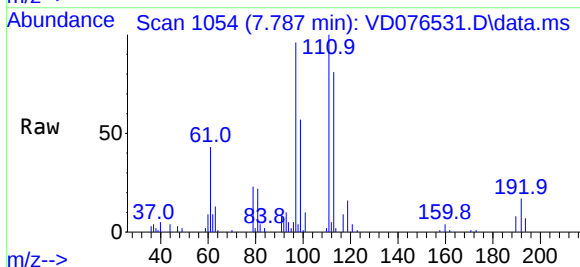
Tgt Ion: 97 Resp: 42929

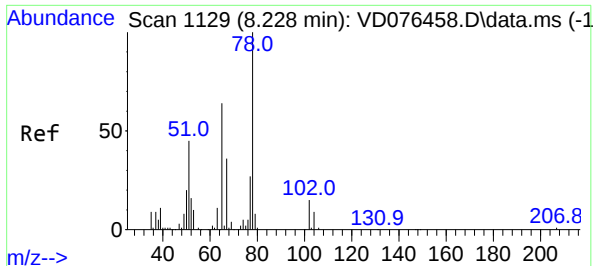
Ion Ratio Lower Upper

97 100

99 65.3 52.0 78.0

61 45.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 44.919 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

Instrument :

MSVOA_D

ClientSampleId :

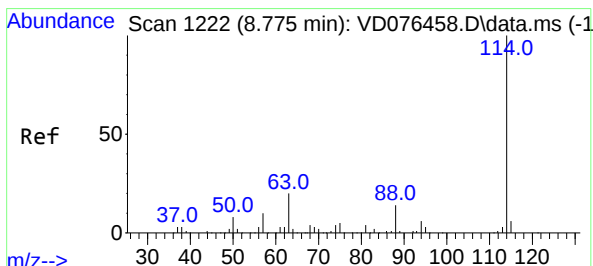
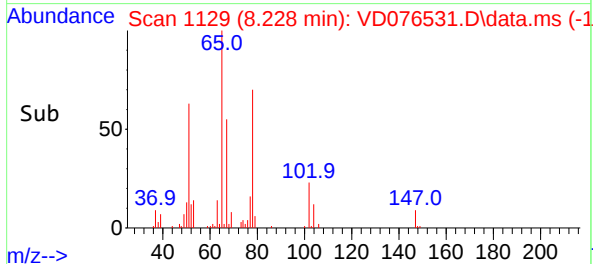
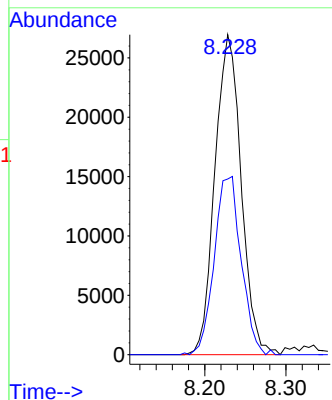
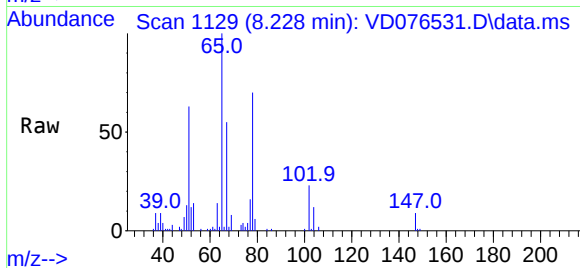
VD0622SBS01

Tgt Ion: 65 Resp: 60679

Ion Ratio Lower Upper

65 100

67 57.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

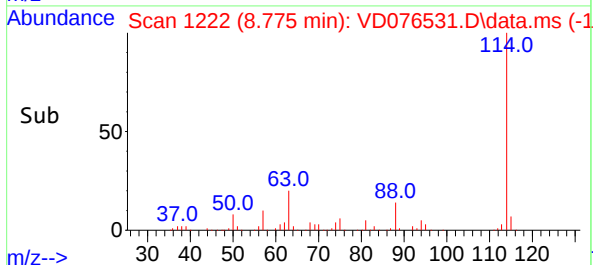
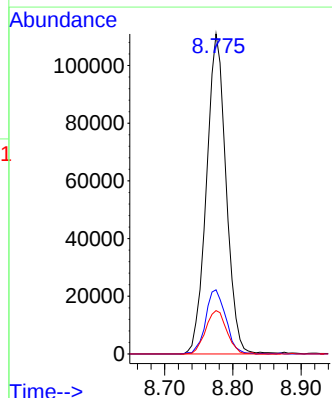
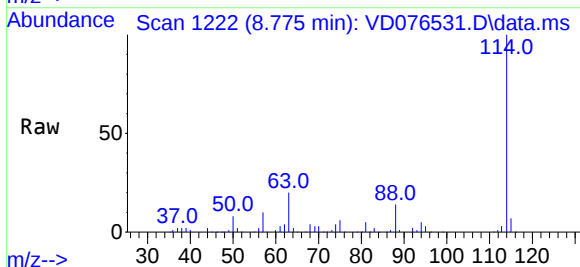
Tgt Ion: 114 Resp: 222133

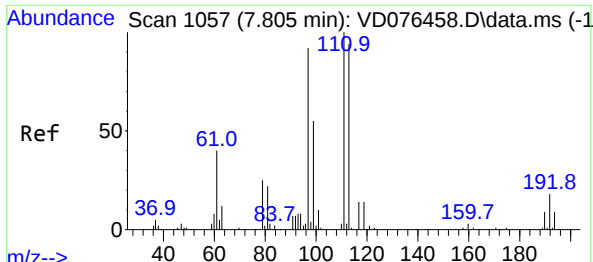
Ion Ratio Lower Upper

114 100

63 20.0 0.0 33.4

88 13.6 0.0 26.2



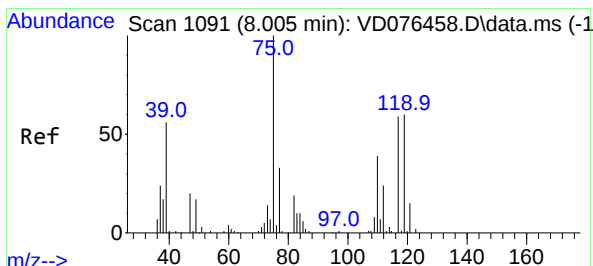
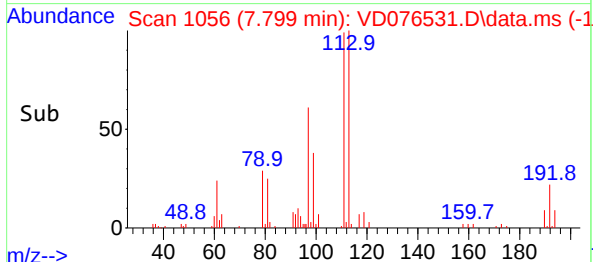
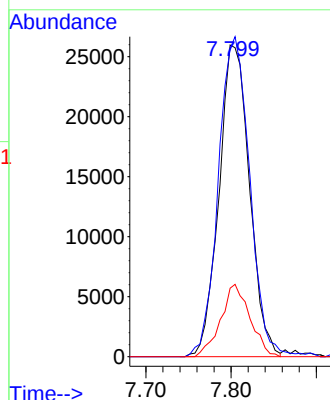
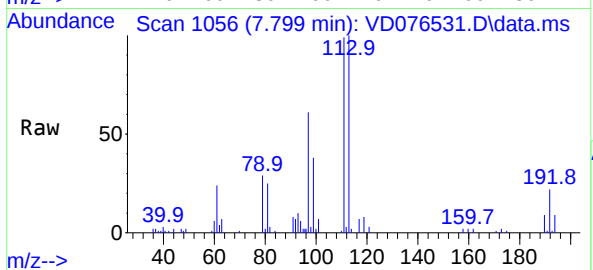


#35
Dibromofluoromethane
Concen: 48.922 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Tgt Ion:113 Resp: 64559

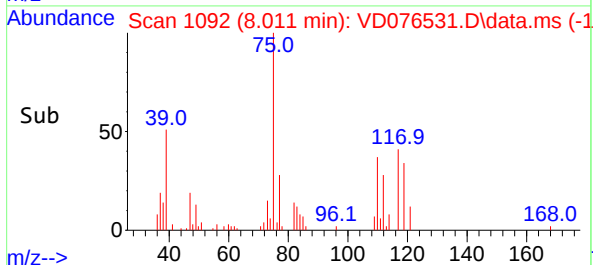
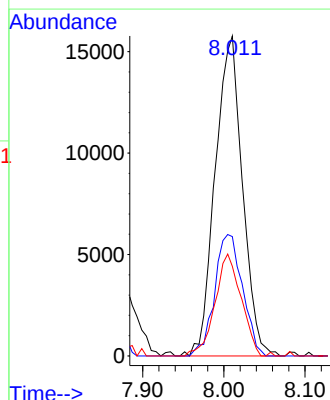
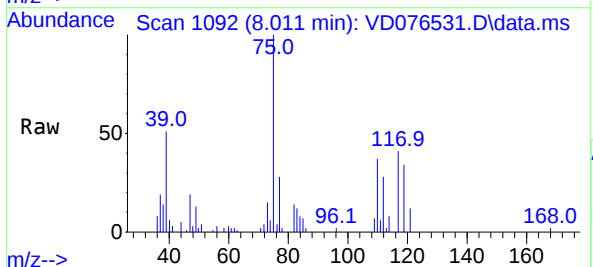
Ion	Ratio	Lower	Upper
113	100		
111	105.9	84.7	127.1
192	22.2	16.8	25.2

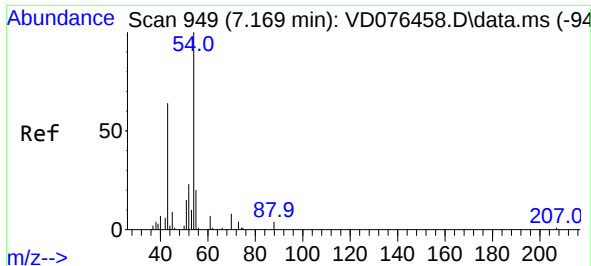


#36
1,1-Dichloropropene
Concen: 19.958 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 75 Resp: 36881

Ion	Ratio	Lower	Upper
75	100		
110	38.8	19.9	59.6
77	30.5	24.7	37.1

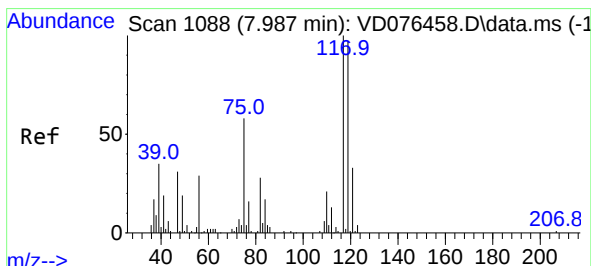
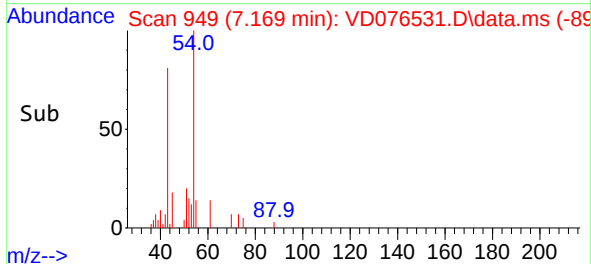
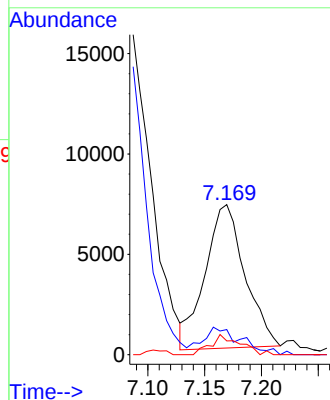
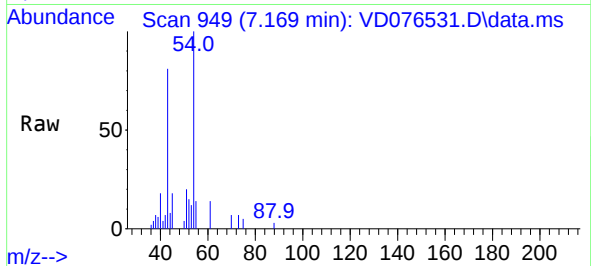




#37
Ethyl Acetate
Concen: 16.283 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

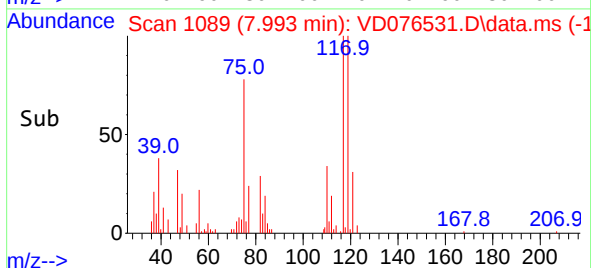
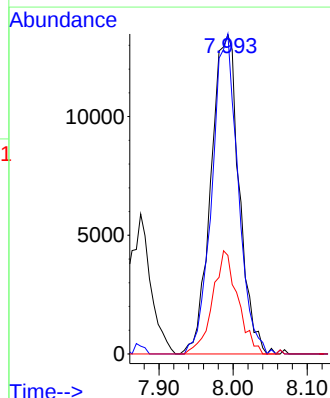
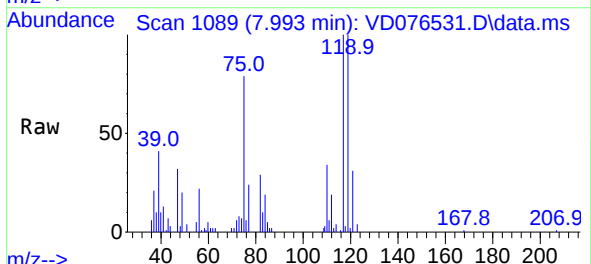
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

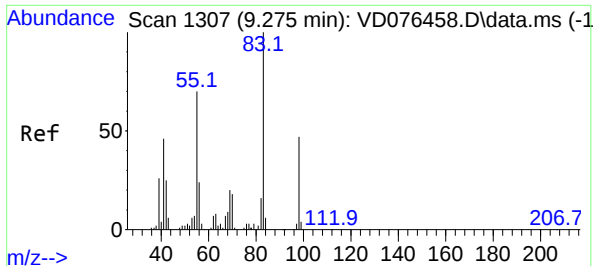
Tgt Ion:	43	Resp:	17436
Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.9	22.3
70	10.4	10.0	15.0



#38
Carbon Tetrachloride
Concen: 21.463 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion:	117	Resp:	35451
Ion	Ratio	Lower	Upper
117	100		
119	100.3	78.0	117.0
121	30.9	24.2	36.2





#39

Methylcyclohexane

Concen: 18.475 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

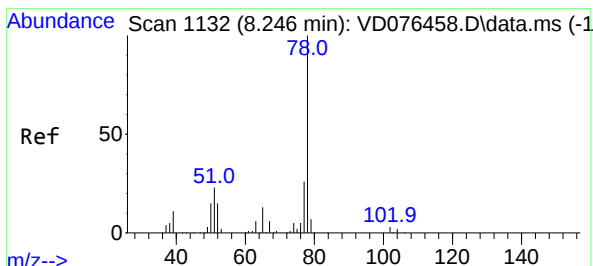
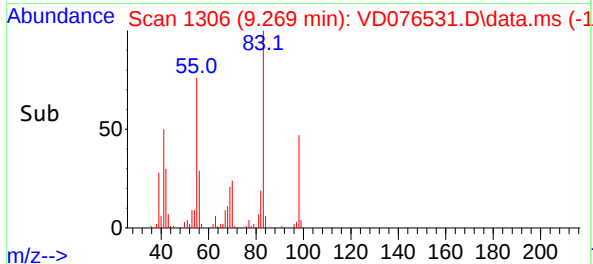
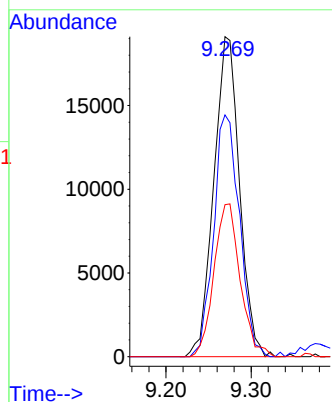
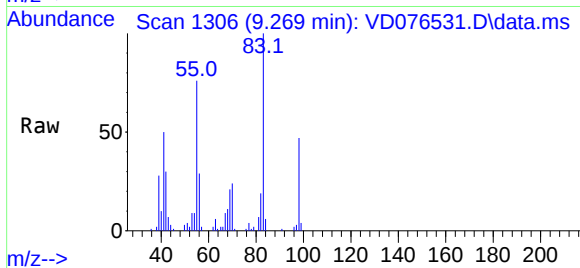
Tgt Ion: 83 Resp: 40065

Ion Ratio Lower Upper

83 100

55 75.6 49.4 74.0#

98 47.5 38.4 57.6



#40

Benzene

Concen: 20.100 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD076531.D

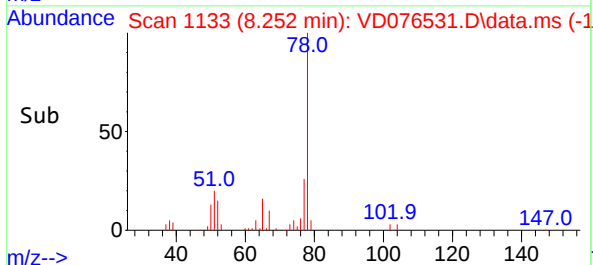
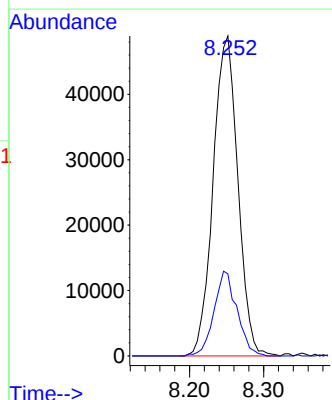
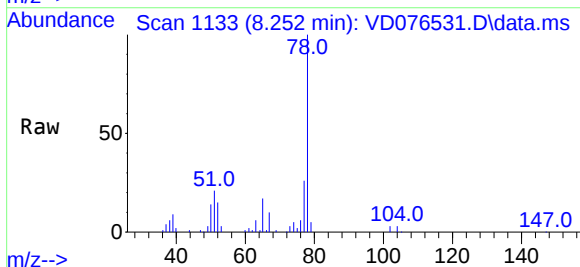
Acq: 22 Jun 2023 11:18

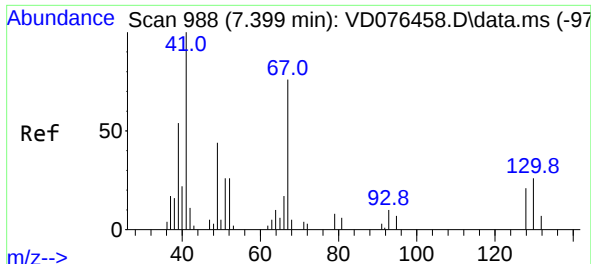
Tgt Ion: 78 Resp: 113271

Ion Ratio Lower Upper

78 100

77 25.7 19.4 29.0

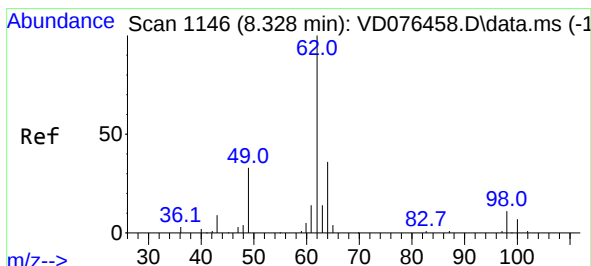
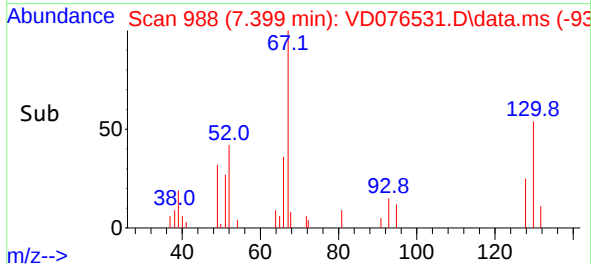
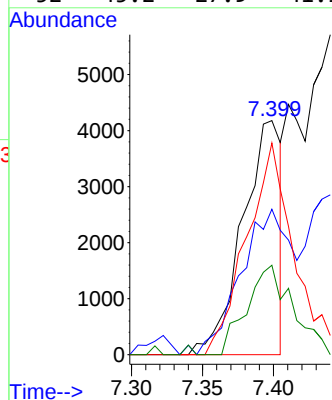
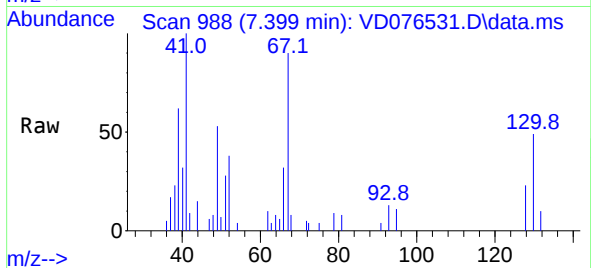




#41
Methacrylonitrile
Concen: 13.109 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

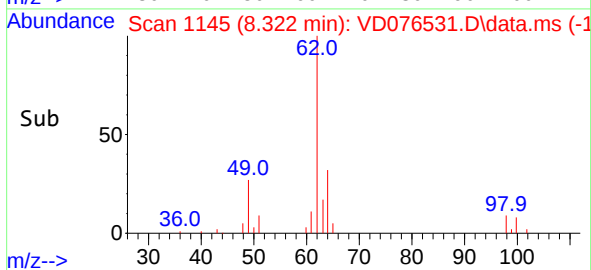
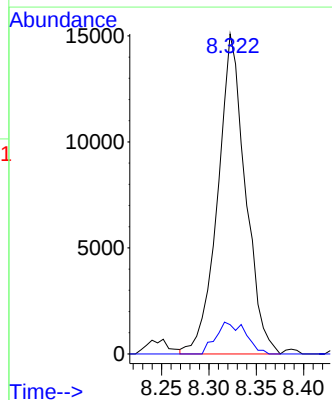
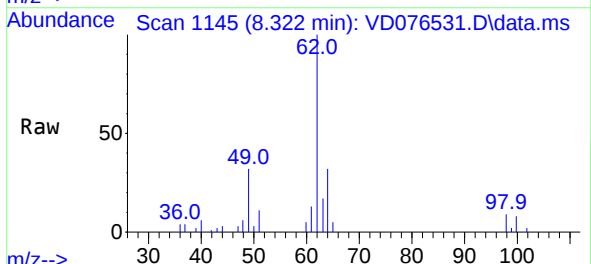
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

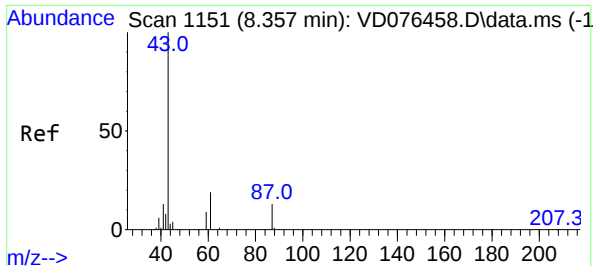
Tgt Ion: 41 Resp: 7927
Ion Ratio Lower Upper
41 100
39 81.9 34.0 51.0#
67 110.7 77.0 115.4
52 45.2 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 20.161 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 62 Resp: 30699
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4





#43

Isopropyl Acetate

Concen: 18.712 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

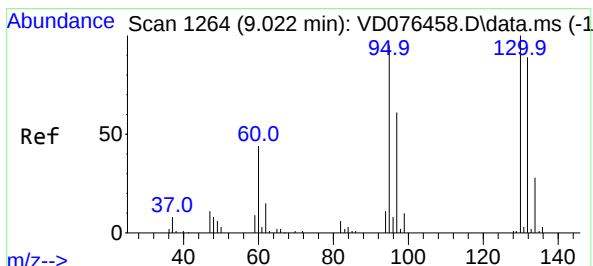
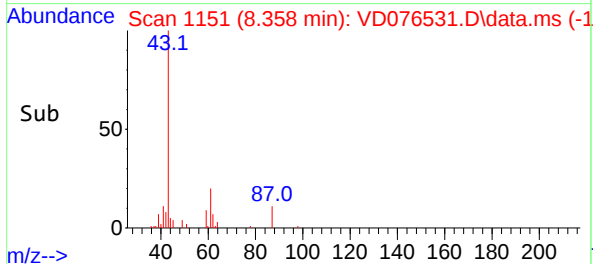
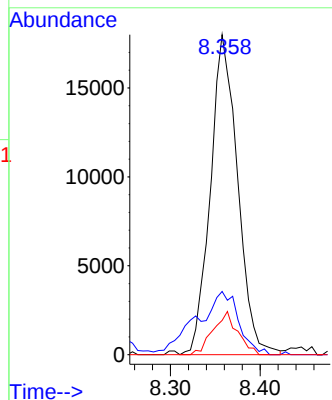
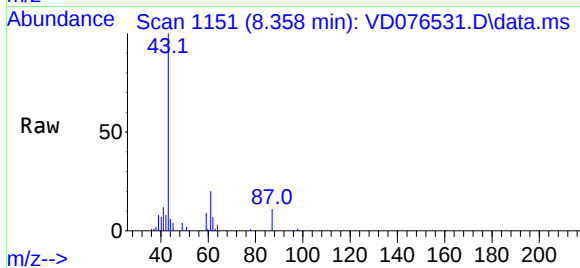
Tgt Ion: 43 Resp: 37935

Ion Ratio Lower Upper

43 100

61 20.8 31.4 47.0#

87 12.2 14.9 22.3#



#44

Trichloroethene

Concen: 20.459 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.006 min

Lab File: VD076531.D

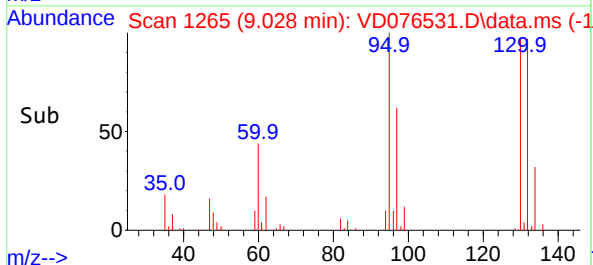
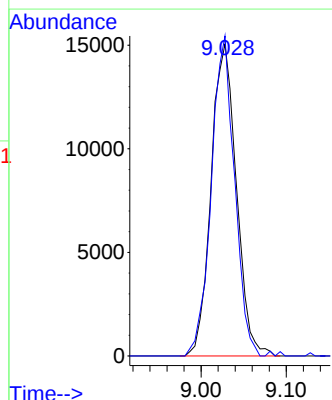
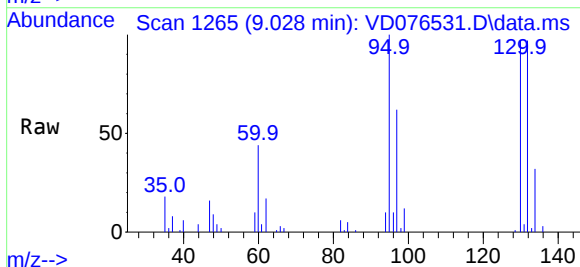
Acq: 22 Jun 2023 11:18

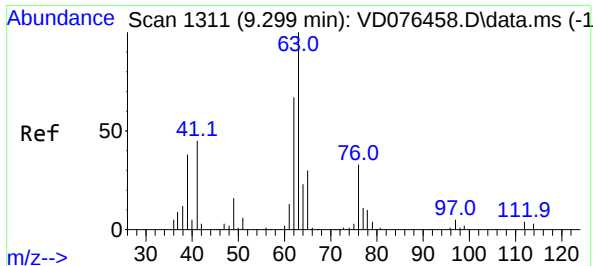
Tgt Ion: 130 Resp: 31102

Ion Ratio Lower Upper

130 100

95 102.6 0.0 179.2

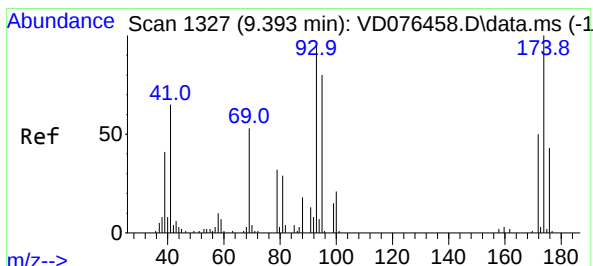
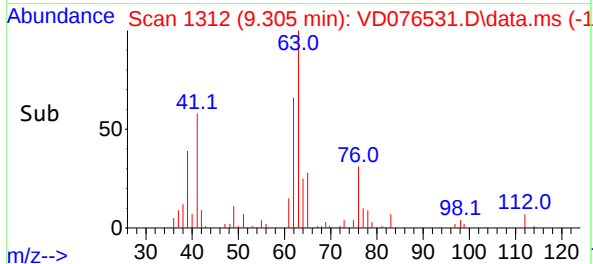
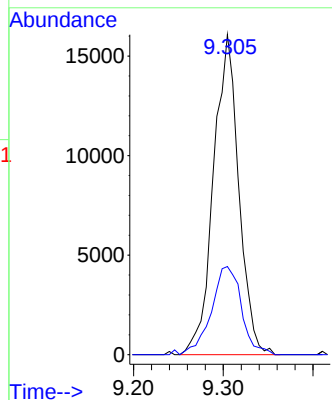
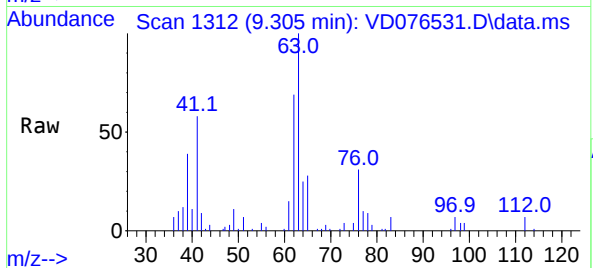




#45
1,2-Dichloropropane
Concen: 20.639 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

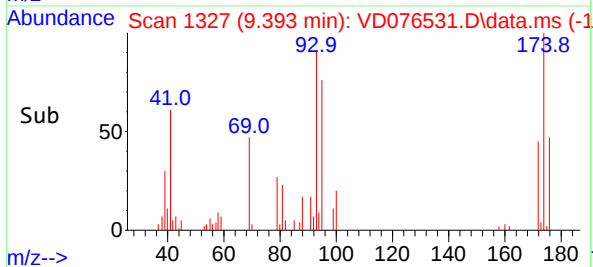
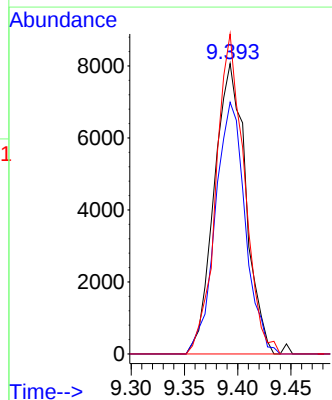
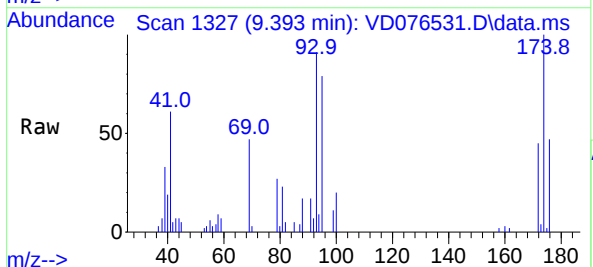
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

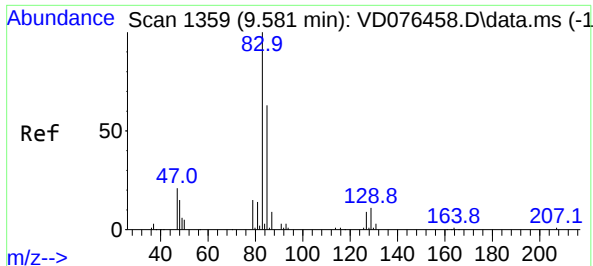
Tgt Ion: 63 Resp: 31535
Ion Ratio Lower Upper
63 100
65 27.5 24.5 36.7



#46
Dibromomethane
Concen: 20.233 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 93 Resp: 16561
Ion Ratio Lower Upper
93 100
95 82.7 67.7 101.5
174 98.9 85.4 128.2

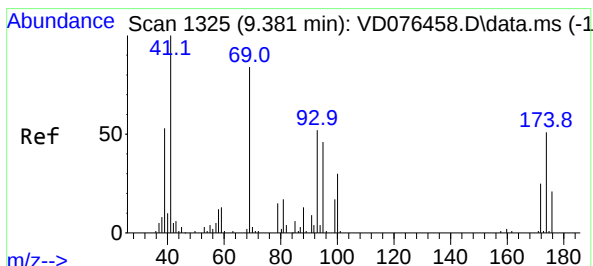
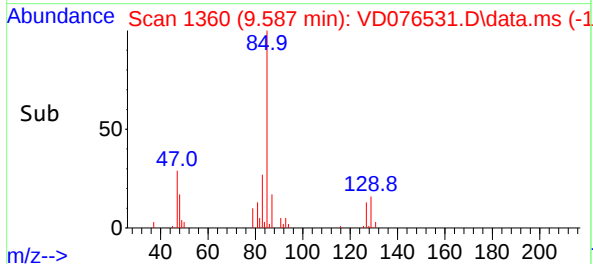
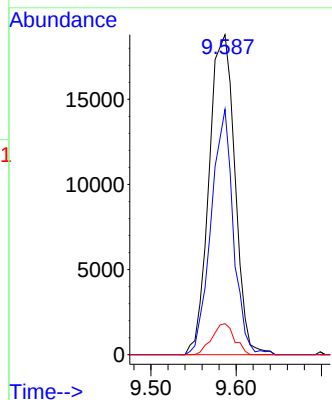
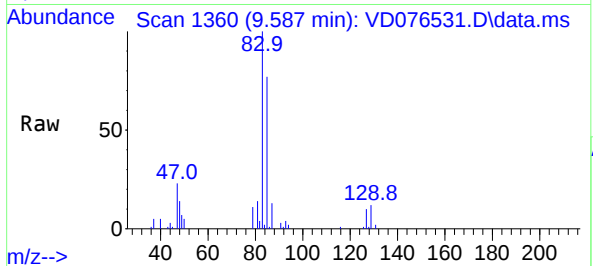




#47
Bromodichloromethane
Concen: 20.206 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

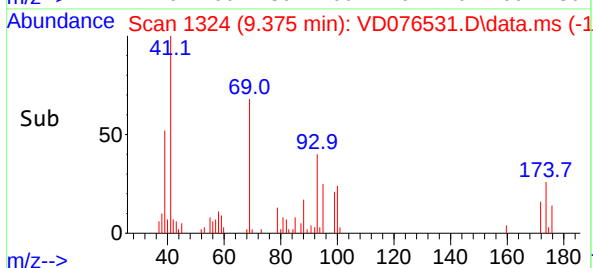
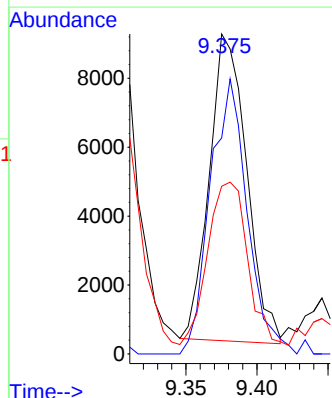
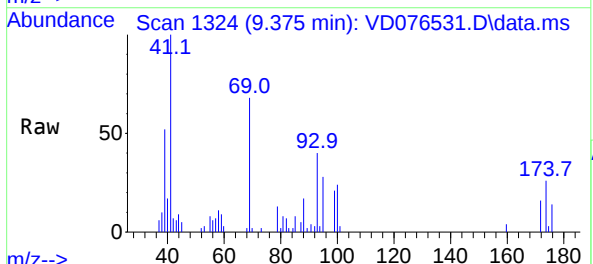
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

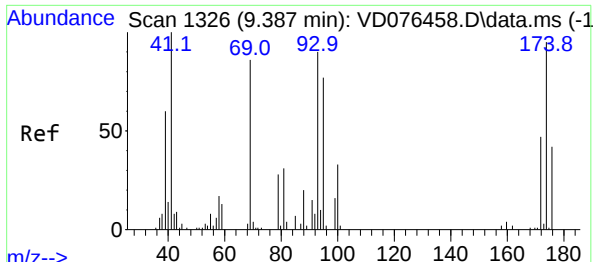
Tgt Ion: 83 Resp: 39579
Ion Ratio Lower Upper
83 100
85 76.7 50.2 75.4#
127 9.7 6.3 9.5#



#48
Methyl methacrylate
Concen: 17.471 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 41 Resp: 16234
Ion Ratio Lower Upper
41 100
69 89.1 102.2 153.2#
39 58.2 41.4 62.2

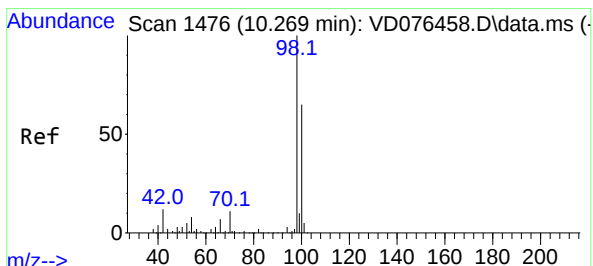
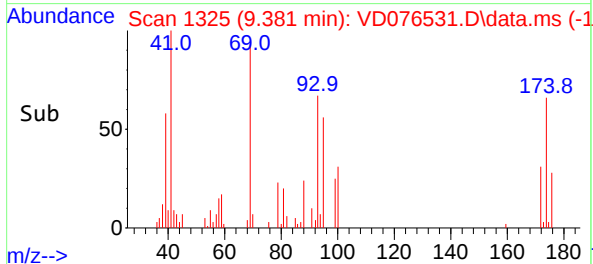
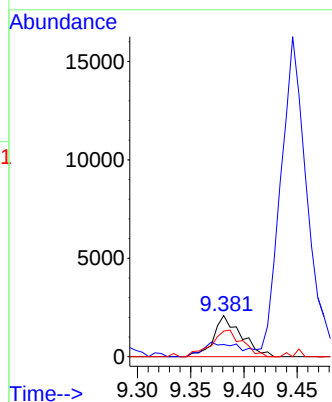
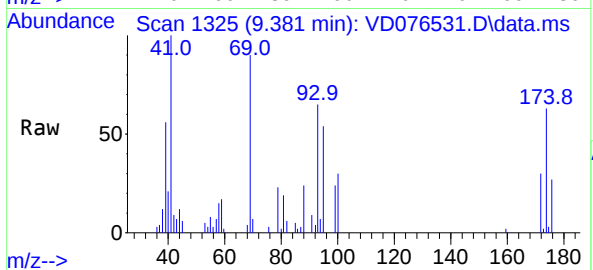




#49
1,4-Dioxane
Concen: 383.499 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

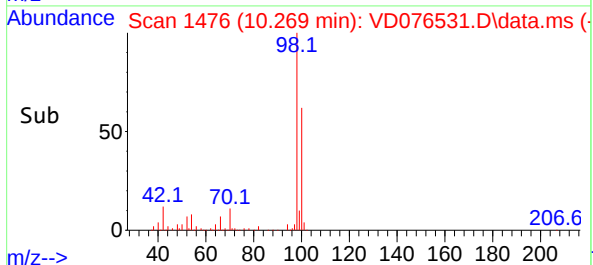
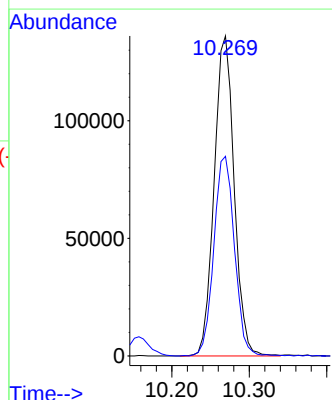
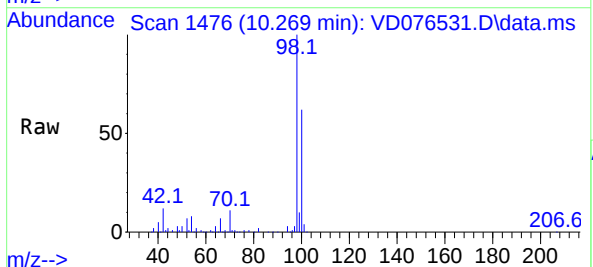
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

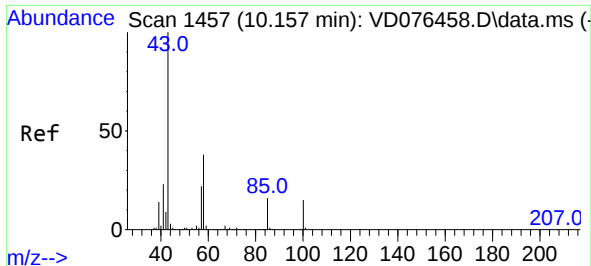
Tgt Ion: 88 Resp: 3761
Ion Ratio Lower Upper
88 100
43 47.8 19.0 28.6#
58 72.2 43.5 65.3#



#50
Toluene-d8
Concen: 48.694 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 98 Resp: 243694
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5

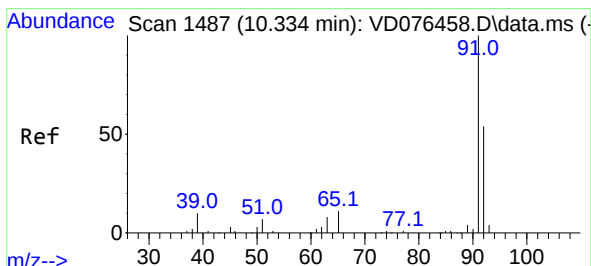
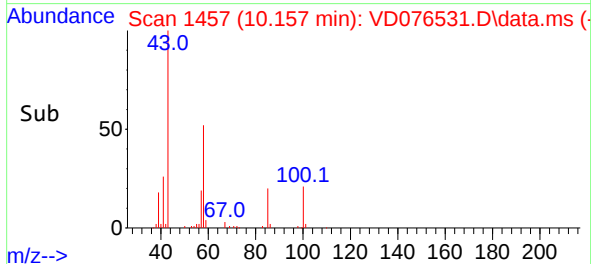
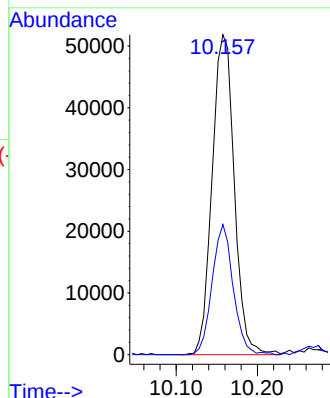
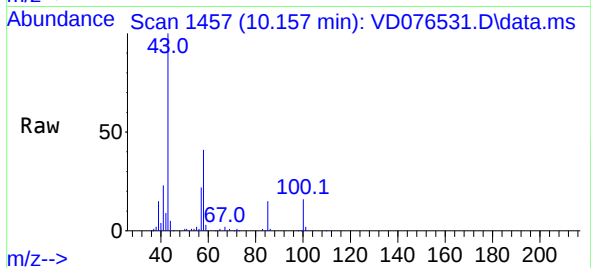




#51
4-Methyl-2-Pentanone
Concen: 94.931 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

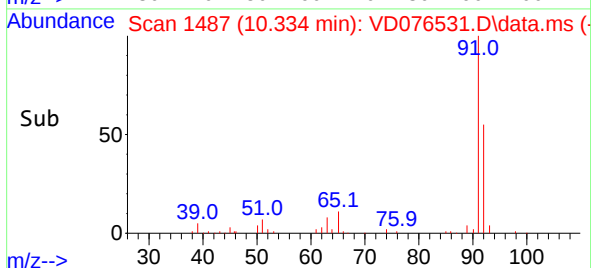
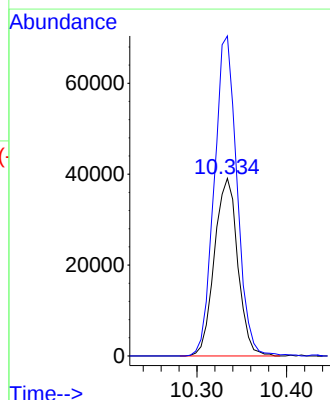
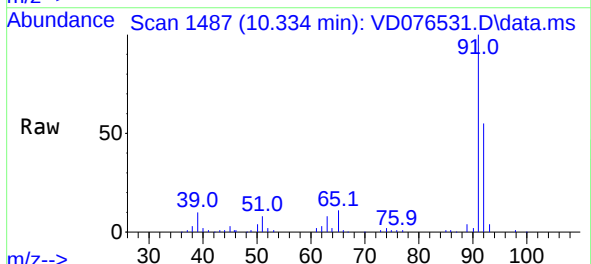
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

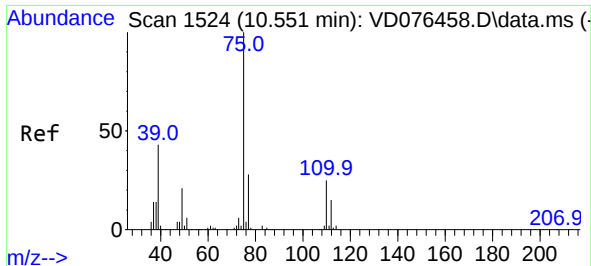
Tgt Ion: 43 Resp: 98377
Ion Ratio Lower Upper
43 100
58 38.7 38.9 58.3#



#52
Toluene
Concen: 19.991 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 92 Resp: 70695
Ion Ratio Lower Upper
92 100
91 175.8 143.0 214.4

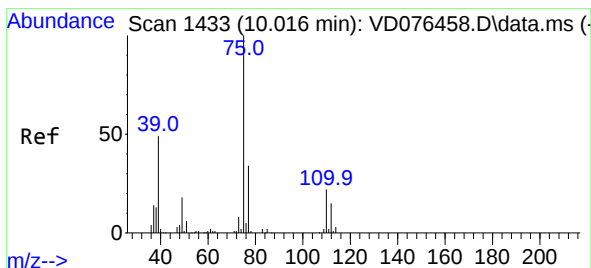
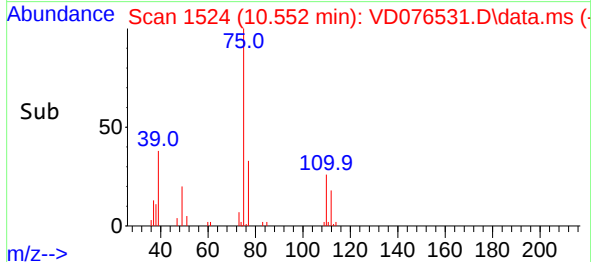
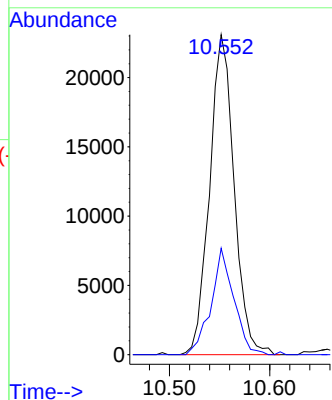
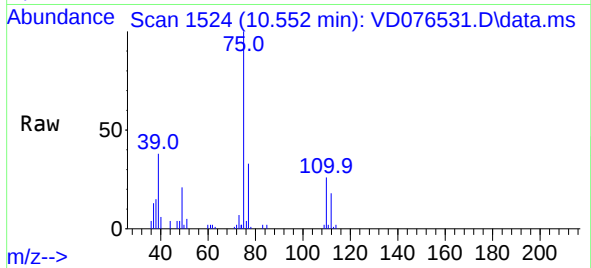




#53
t-1,3-Dichloropropene
Concen: 19.763 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

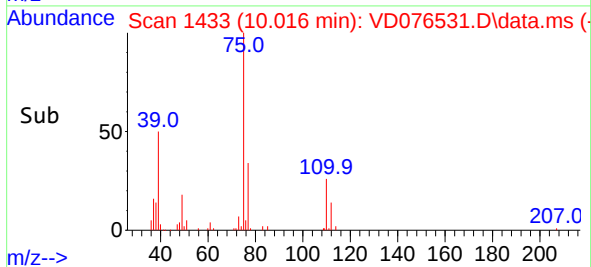
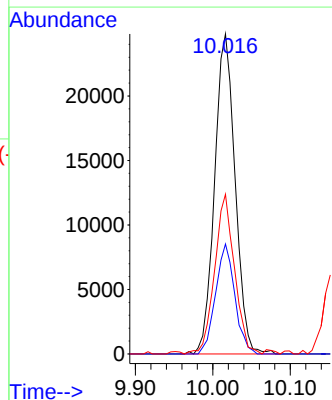
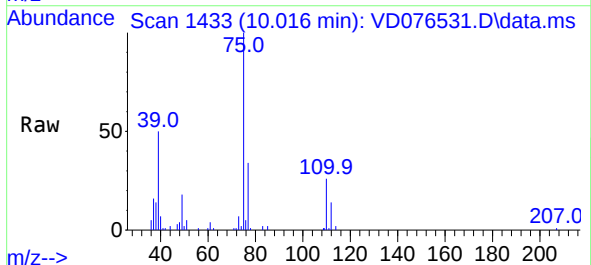
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

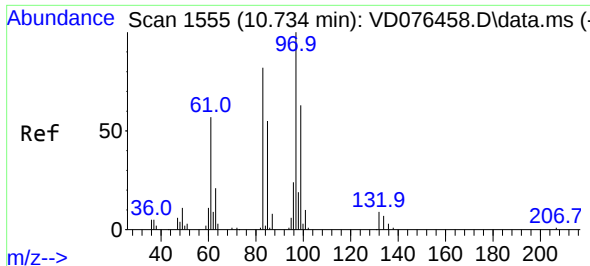
Tgt Ion: 75 Resp: 39282
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.405 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 75 Resp: 45728
Ion Ratio Lower Upper
75 100
77 34.4 25.5 38.3
39 49.9 22.1 33.1#



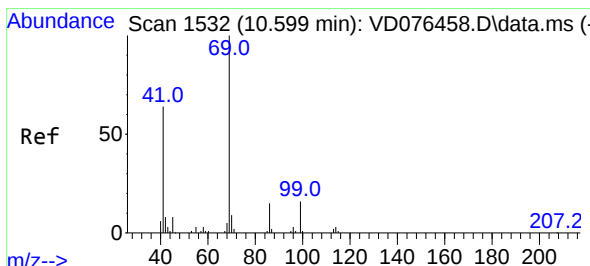
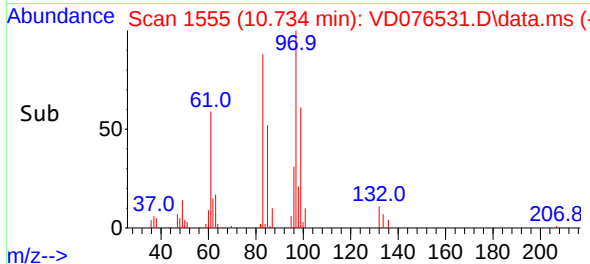
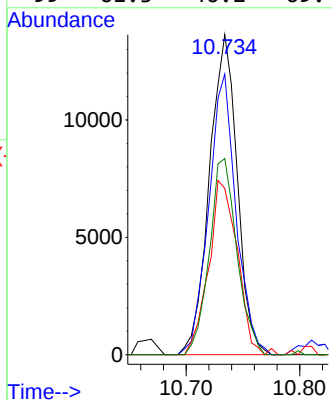
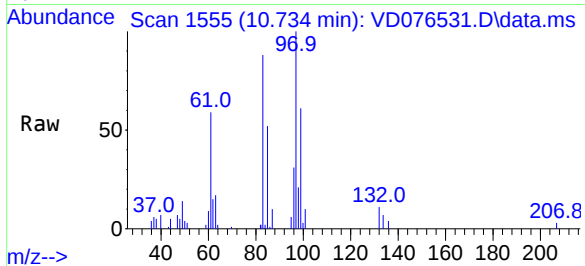


#55
1,1,2-Trichloroethane
Concen: 20.253 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Tgt Ion: 97 Resp: 23188

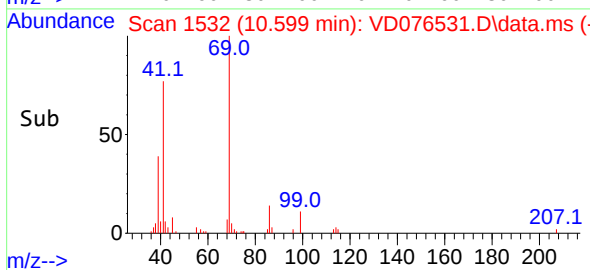
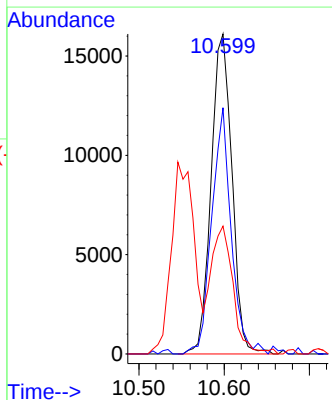
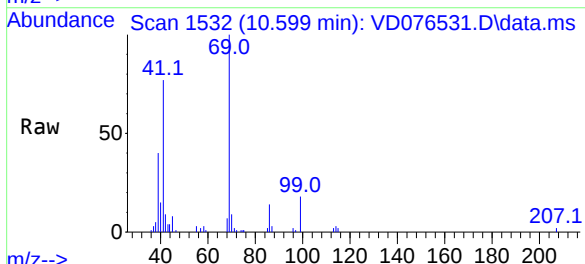
Ion	Ratio	Lower	Upper
97	100		
83	87.7	65.8	98.6
85	51.9	45.7	68.5
99	61.3	46.2	69.4

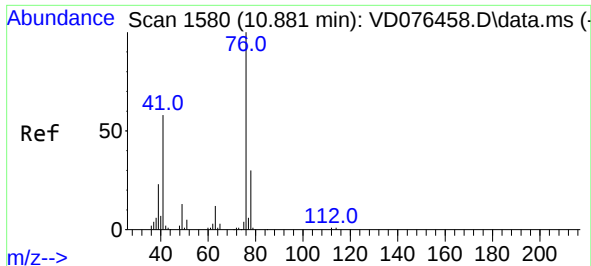


#56
Ethyl methacrylate
Concen: 18.318 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 69 Resp: 27385

Ion	Ratio	Lower	Upper
69	100		
41	72.2	39.1	58.7#
39	42.6	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.211 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

Instrument :

MSVOA_D

ClientSampleId :

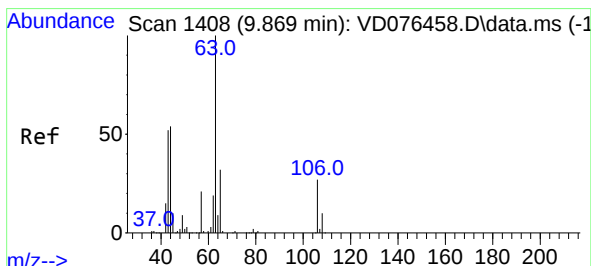
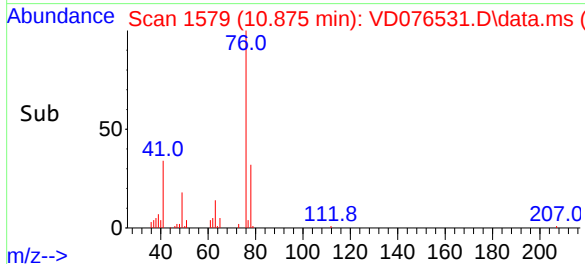
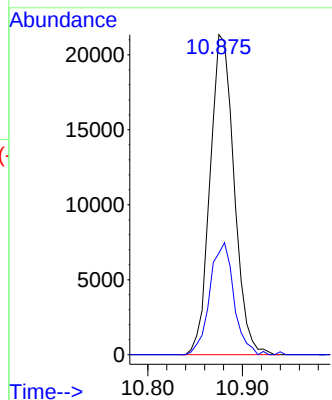
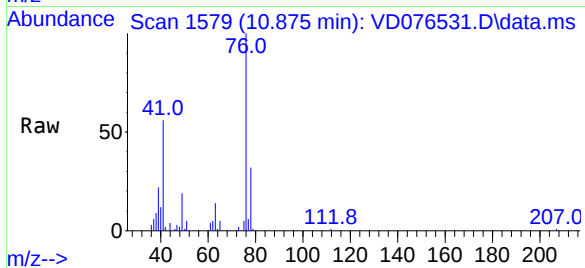
VD0622SBS01

Tgt Ion: 76 Resp: 37658

Ion Ratio Lower Upper

76 100

78 34.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.743 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076531.D

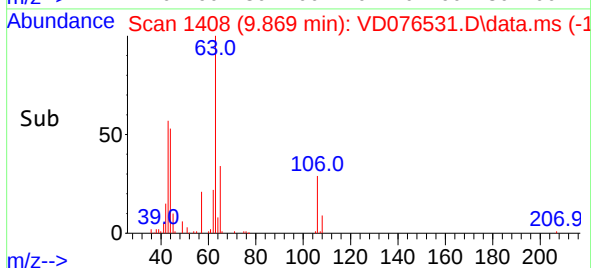
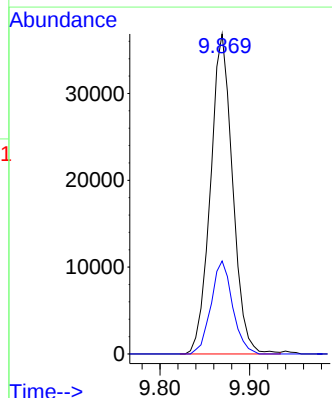
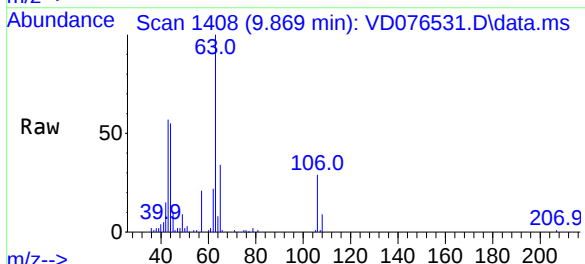
Acq: 22 Jun 2023 11:18

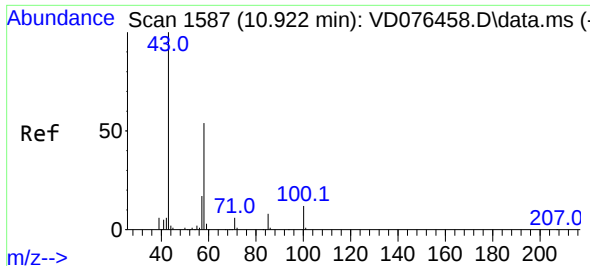
Tgt Ion: 63 Resp: 63217

Ion Ratio Lower Upper

63 100

106 28.2 25.3 37.9

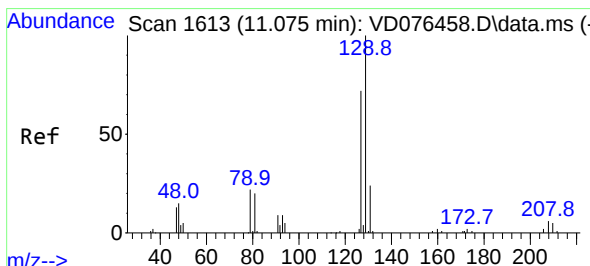
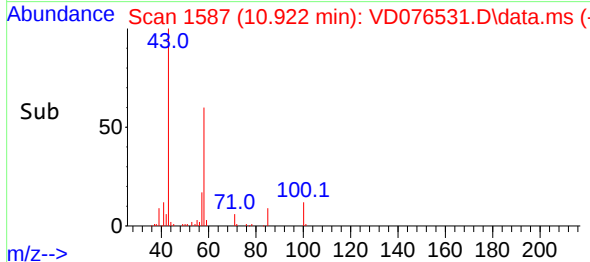
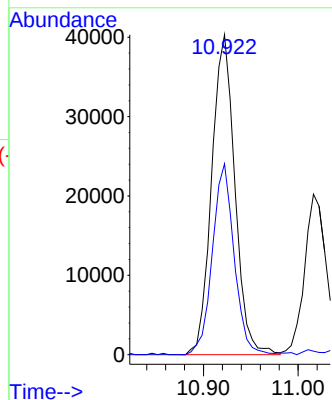
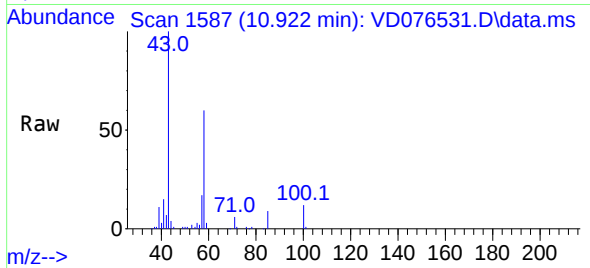




#59
2-Hexanone
Concen: 95.159 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

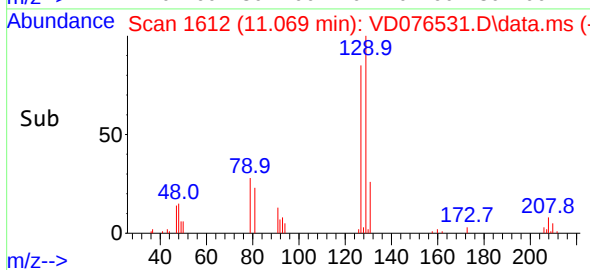
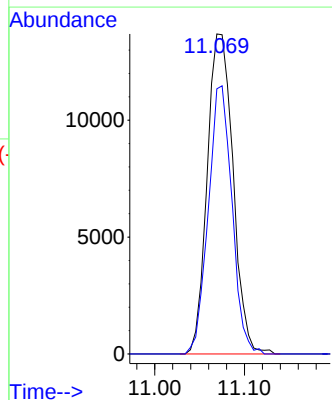
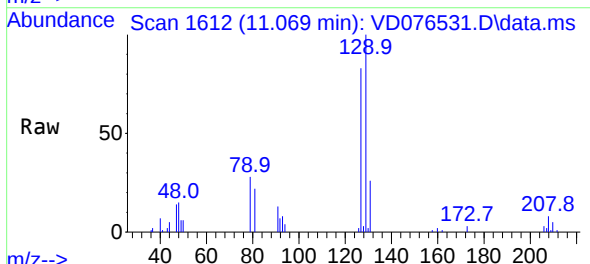
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

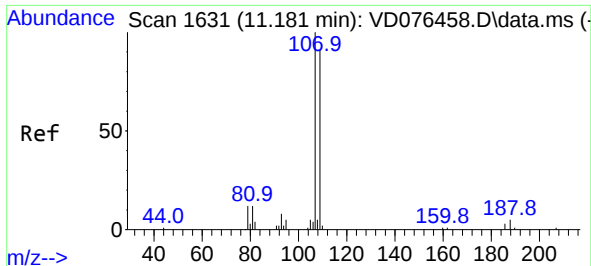
Tgt Ion: 43 Resp: 68596
Ion Ratio Lower Upper
43 100
58 55.9 34.1 102.2



#60
Dibromochloromethane
Concen: 20.535 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion:129 Resp: 27362
Ion Ratio Lower Upper
129 100
127 76.8 37.1 111.5

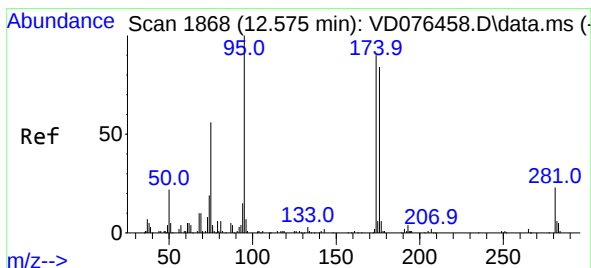
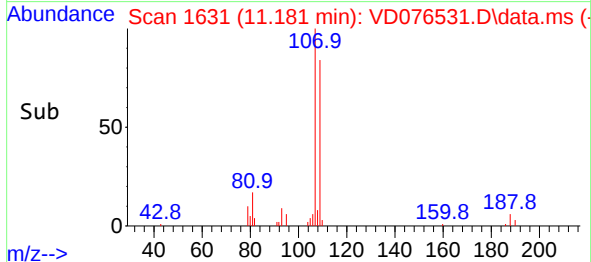
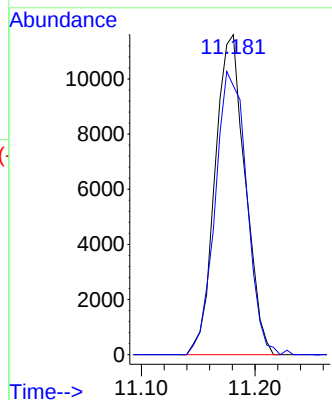
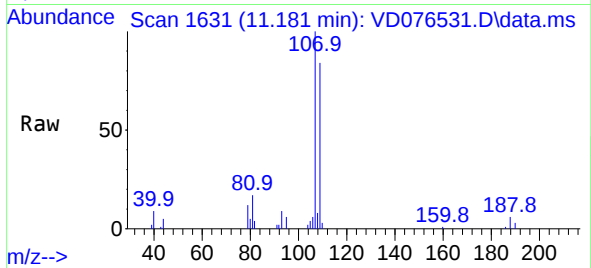




#61
1,2-Dibromoethane
Concen: 19.924 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

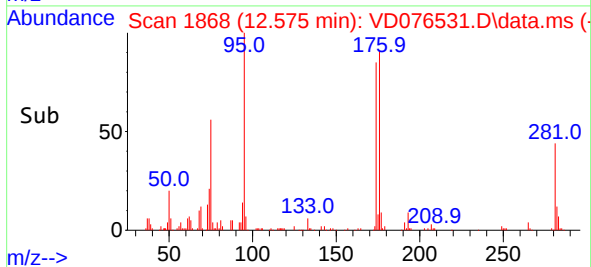
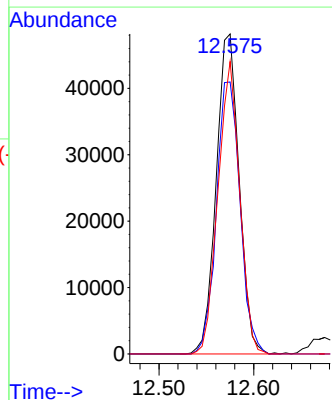
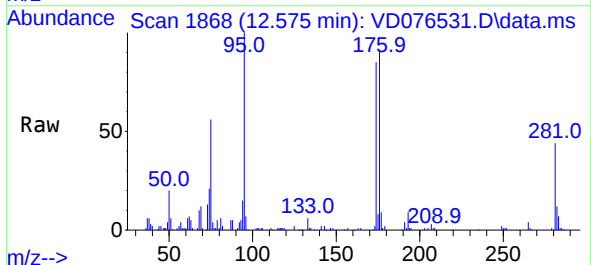
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

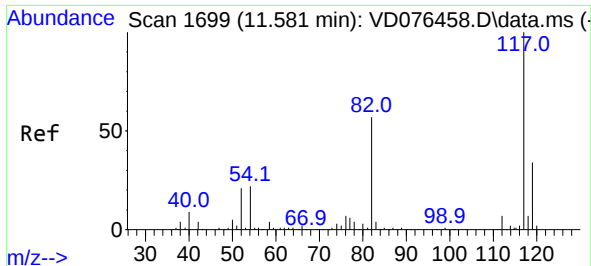
Tgt Ion:107 Resp: 21414
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.853 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 95 Resp: 80972
Ion Ratio Lower Upper
95 100
174 87.9 0.0 201.8
176 86.7 0.0 191.8

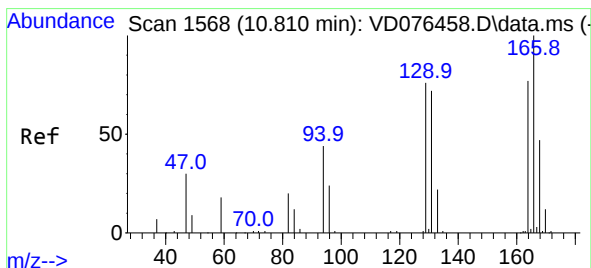
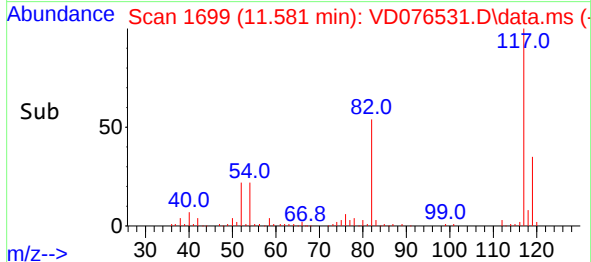
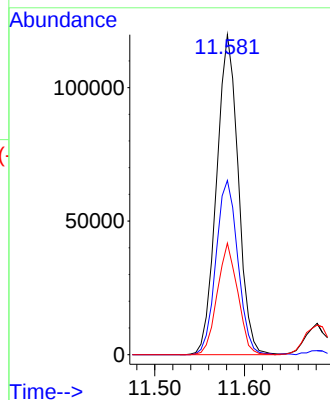
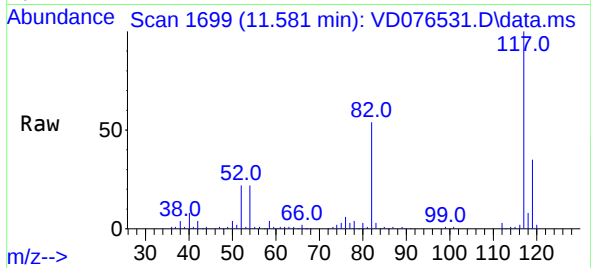




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

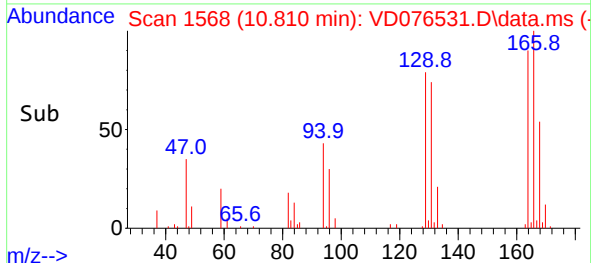
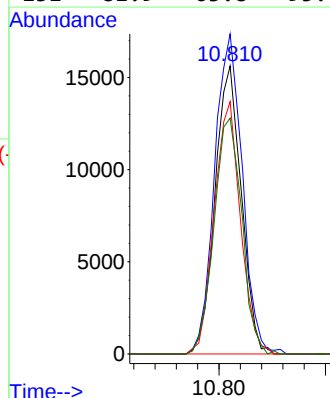
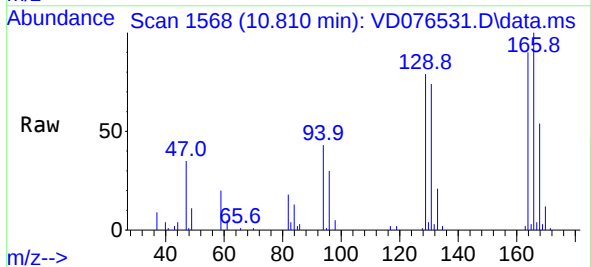
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

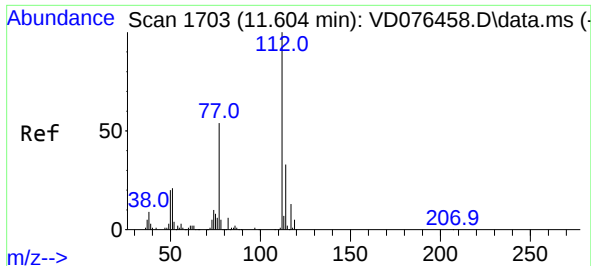
Tgt Ion:117 Resp: 201492
Ion Ratio Lower Upper
117 100
82 54.4 38.3 57.5
119 34.9 25.0 37.4



#64
Tetrachloroethene
Concen: 22.141 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion:164 Resp: 26779
Ion Ratio Lower Upper
164 100
166 111.1 99.2 148.8
129 87.6 68.4 102.6
131 81.9 63.8 95.8

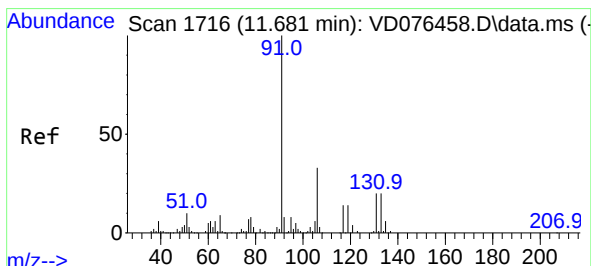
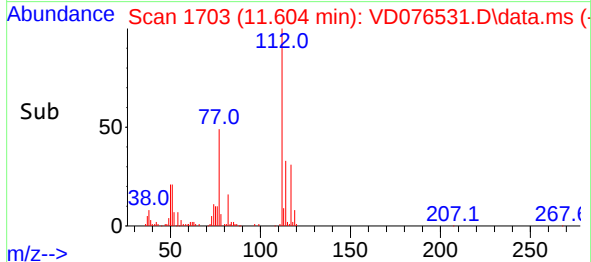
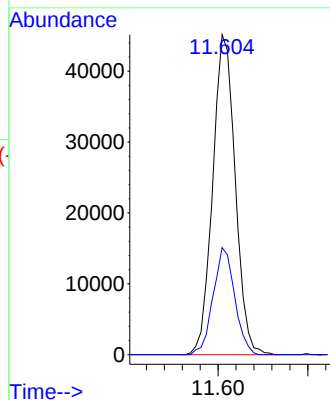
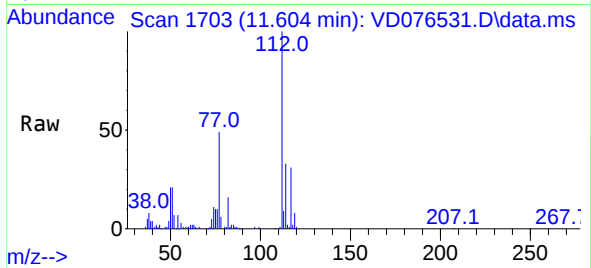




#65
Chlorobenzene
Concen: 20.549 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

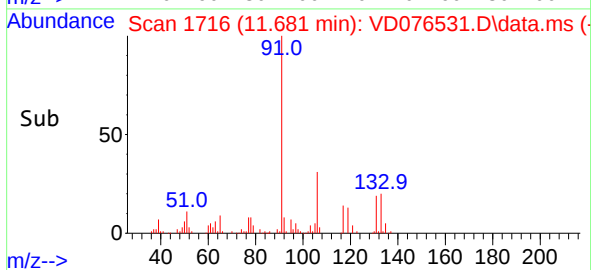
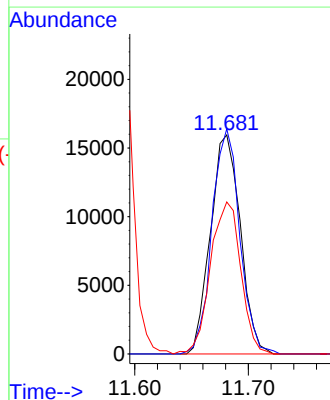
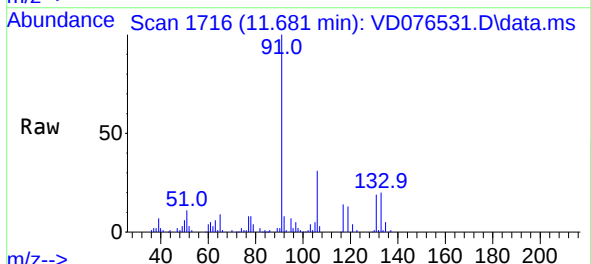
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

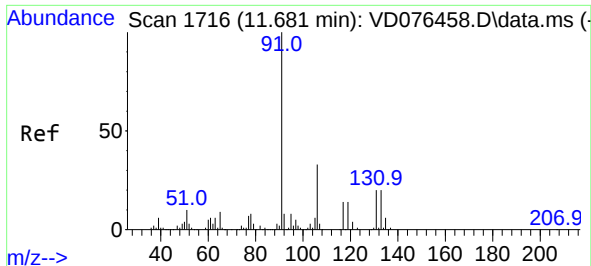
Tgt Ion:112 Resp: 78660
Ion Ratio Lower Upper
112 100
114 33.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.241 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion:131 Resp: 29079
Ion Ratio Lower Upper
131 100
133 96.0 48.5 145.5
119 70.5 35.6 106.9

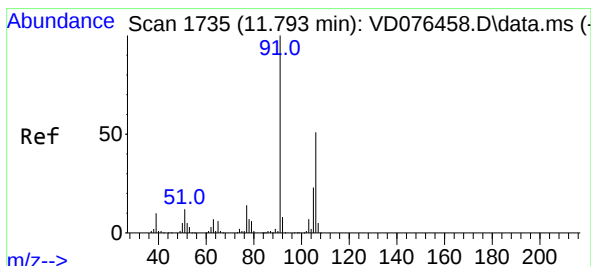
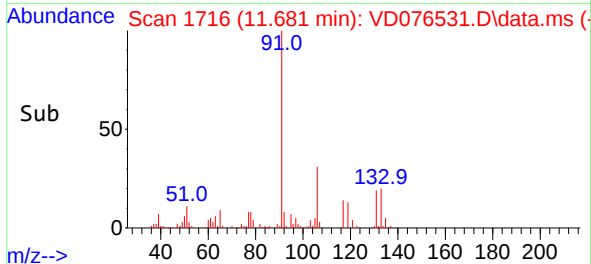
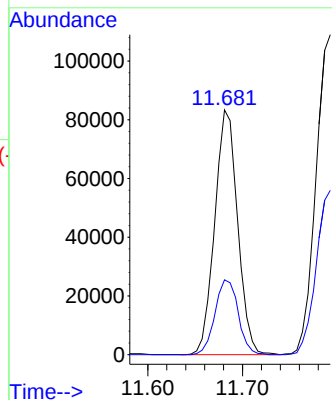
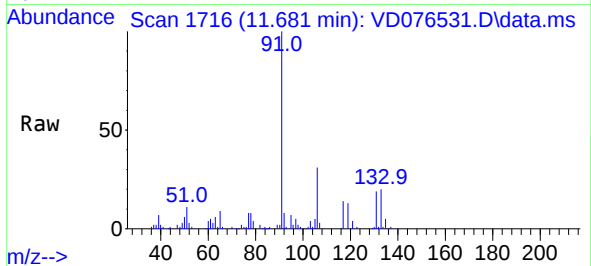




#67
Ethyl Benzene
Concen: 20.661 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

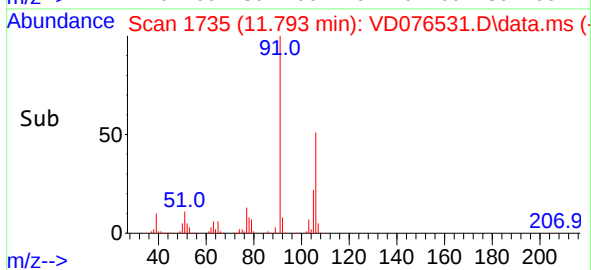
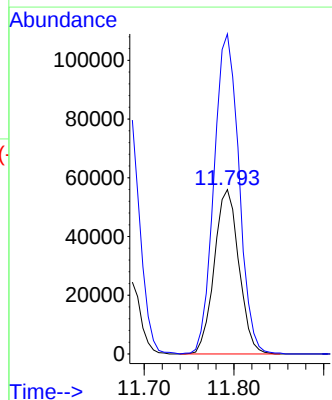
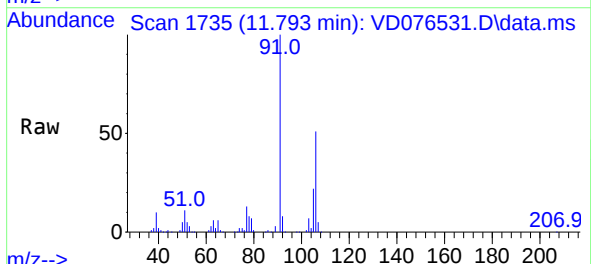
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

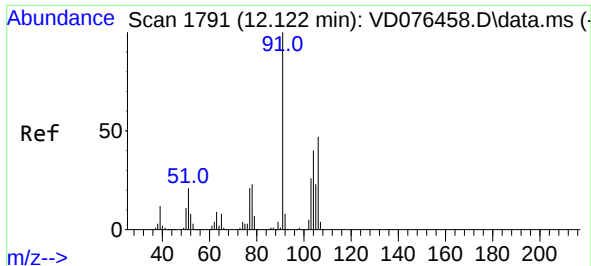
Tgt Ion: 91 Resp: 140137
Ion Ratio Lower Upper
91 100
106 30.6 26.5 39.7



#68
m/p-Xylenes
Concen: 40.270 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 106 Resp: 106624
Ion Ratio Lower Upper
106 100
91 197.5 147.0 220.6

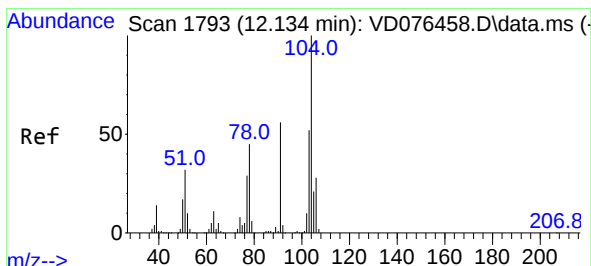
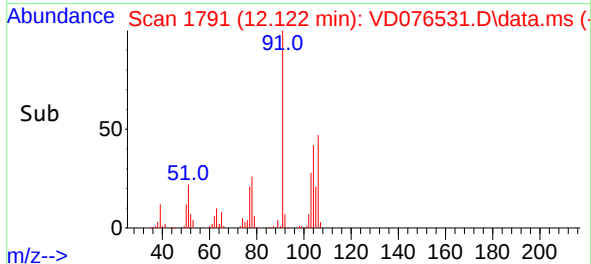
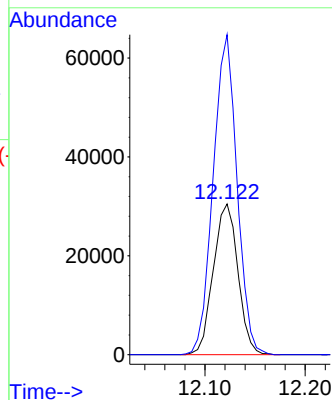
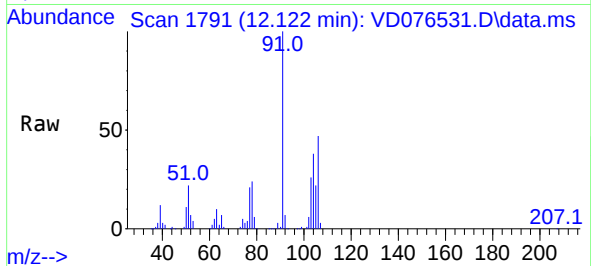




#69
o-Xylene
Concen: 20.613 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

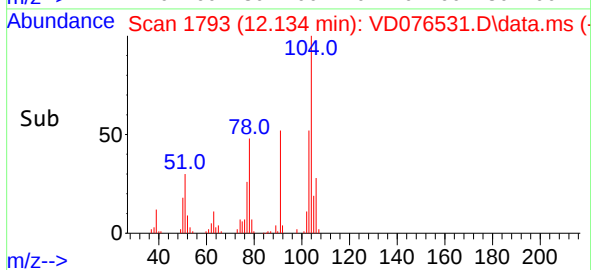
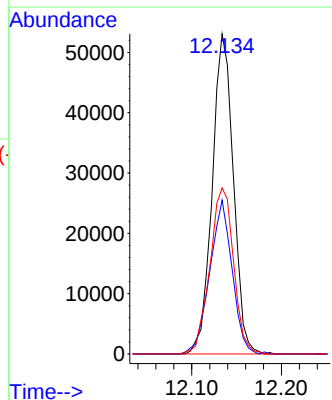
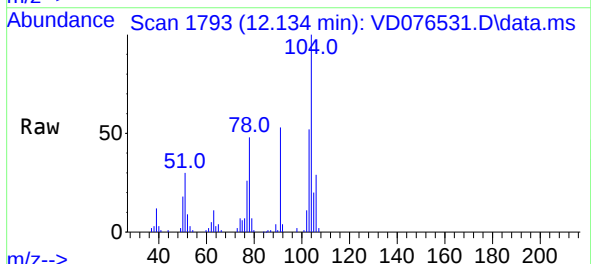
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

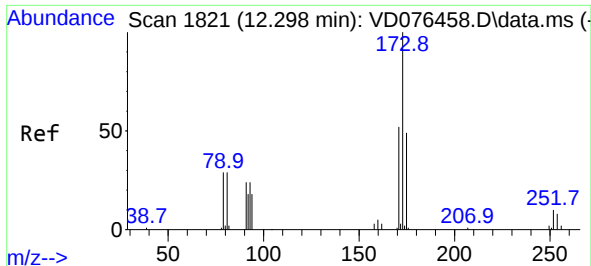
Tgt Ion:106 Resp: 51952
Ion Ratio Lower Upper
106 100
91 205.9 97.9 293.6



#70
Styrene
Concen: 19.937 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion:104 Resp: 86803
Ion Ratio Lower Upper
104 100
78 50.7 33.2 49.8#
103 58.3 43.6 65.4

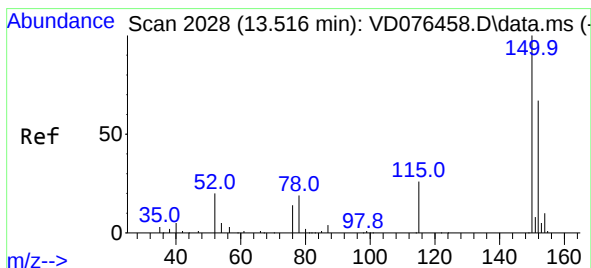
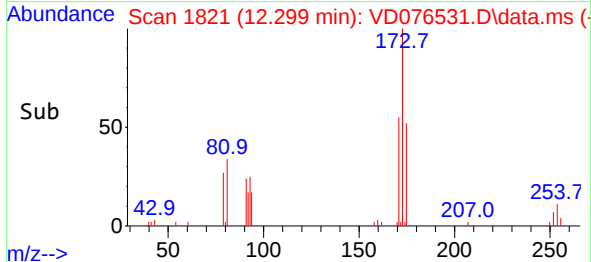
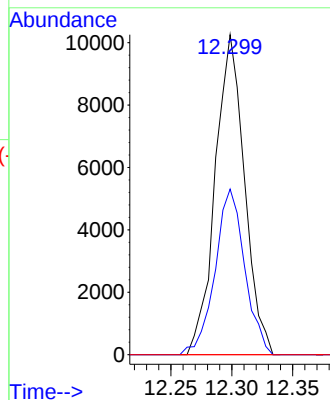
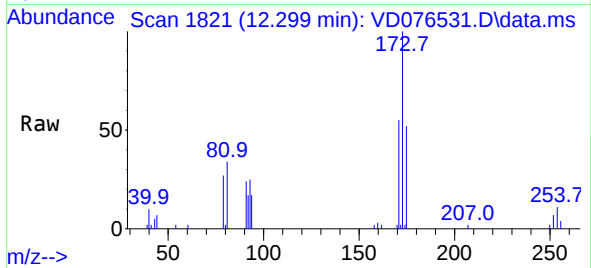




#71
Bromoform
Concen: 20.894 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

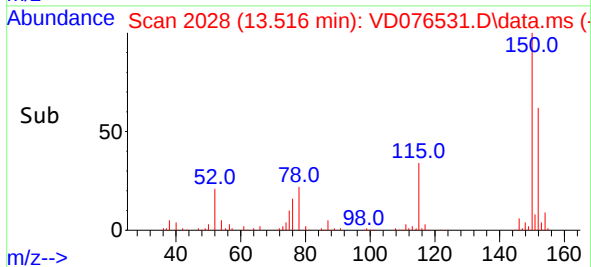
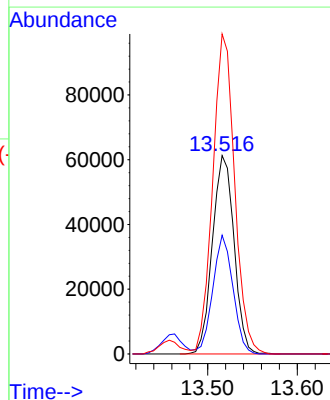
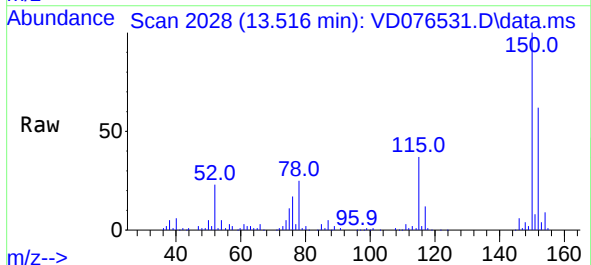
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

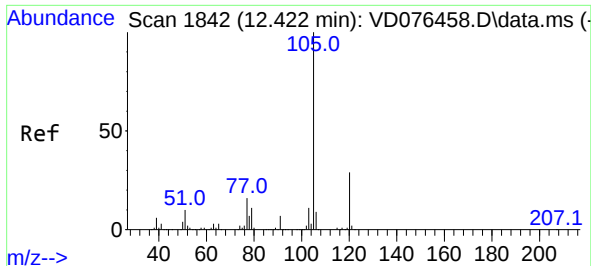
Tgt Ion:173 Resp: 17174
Ion Ratio Lower Upper
173 100
175 52.4 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion:152 Resp: 102582
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 163.4 0.0 353.6

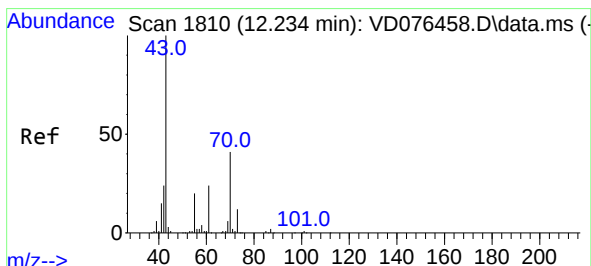
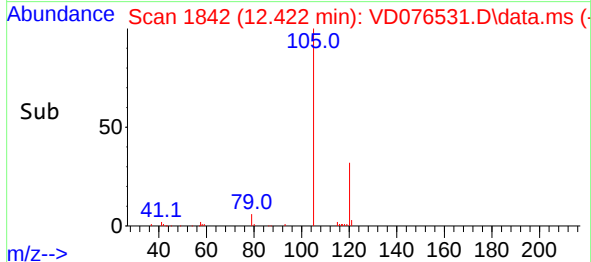
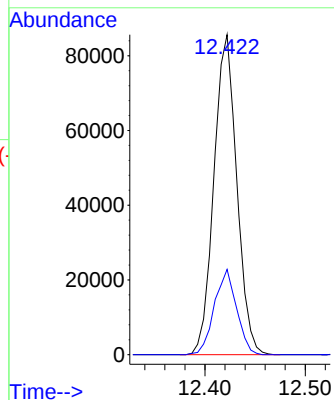
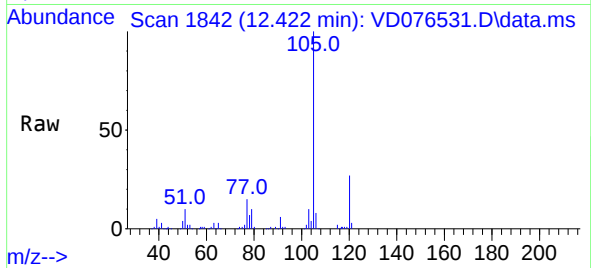




#73
Isopropylbenzene
Concen: 19.629 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

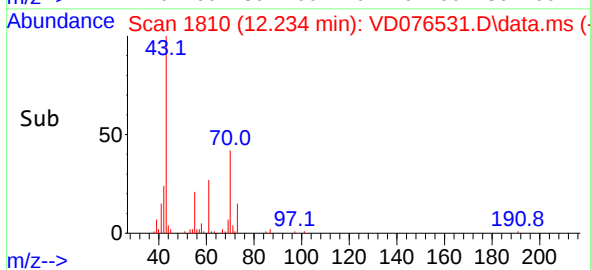
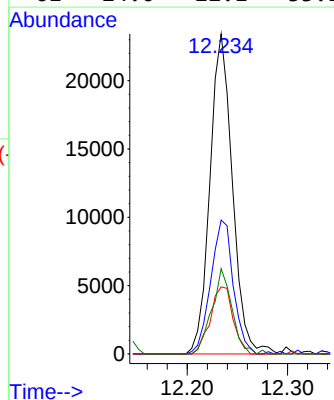
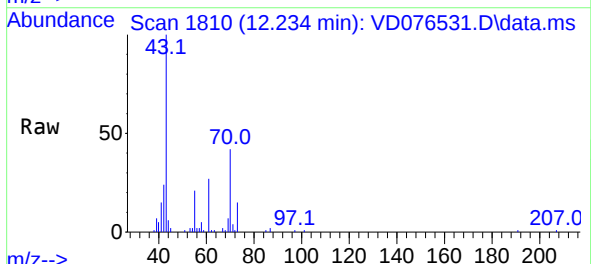
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

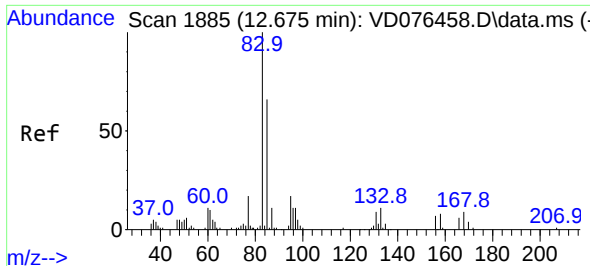
Tgt Ion:105 Resp: 135572
Ion Ratio Lower Upper
105 100
120 25.9 14.3 42.9



#74
N-ethyl acetate
Concen: 18.081 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 43 Resp: 36559
Ion Ratio Lower Upper
43 100
70 41.9 45.0 67.4#
55 21.3 23.8 35.6#
61 24.0 22.1 33.1

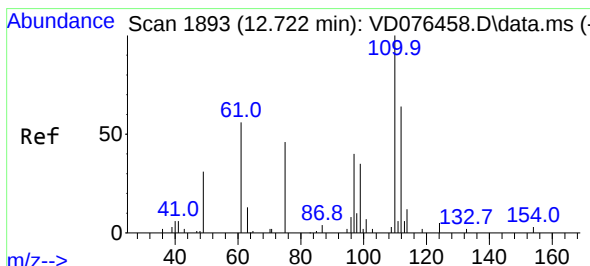
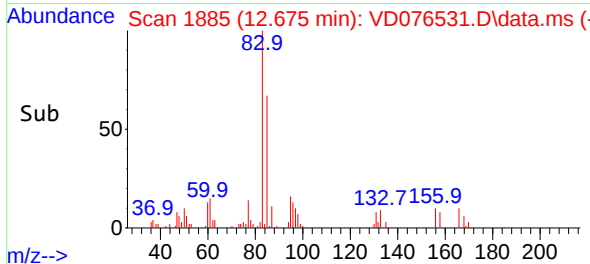
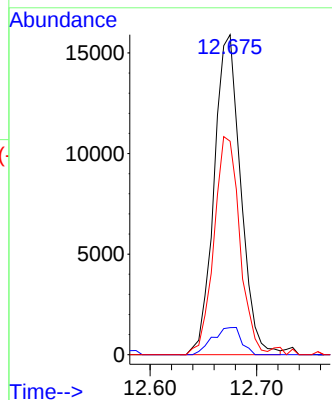
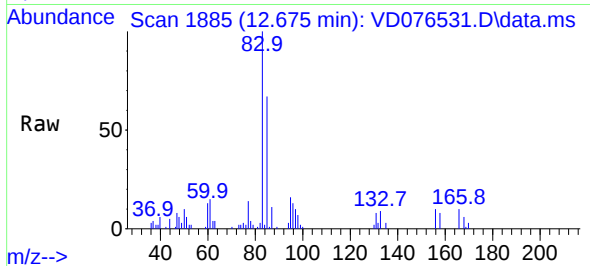




#75
1,1,2,2-Tetrachloroethane
Concen: 19.310 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

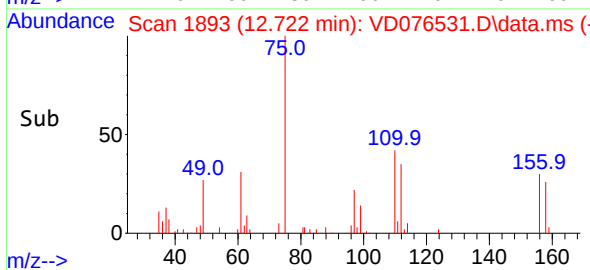
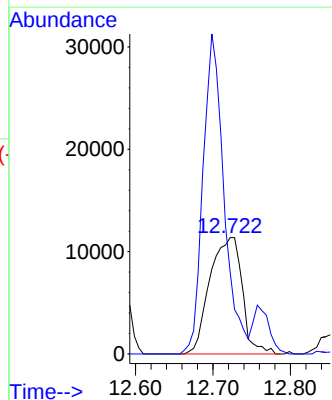
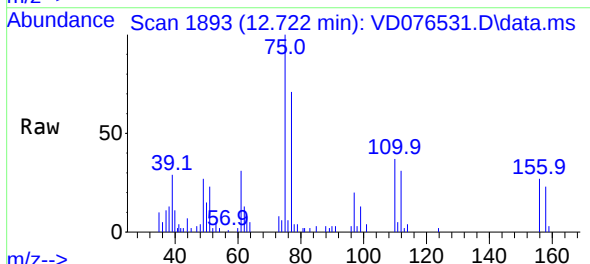
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

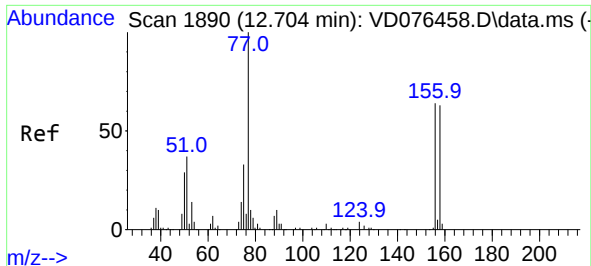
Tgt Ion: 83 Resp: 27520
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 66.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 32.423 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 75 Resp: 33010
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

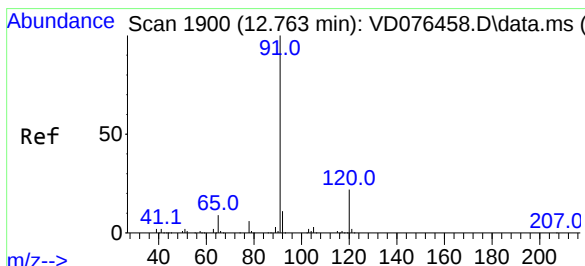
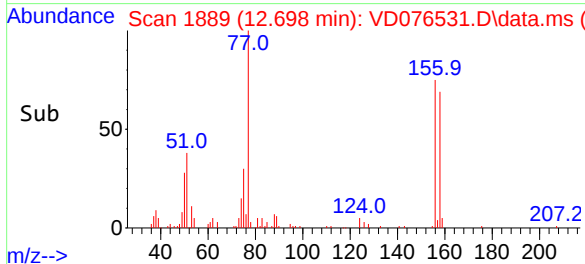
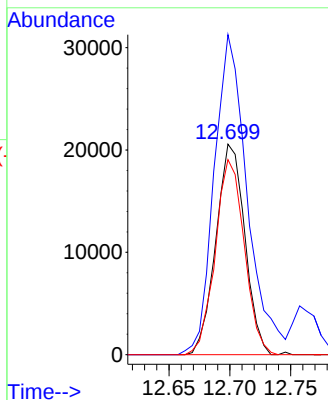
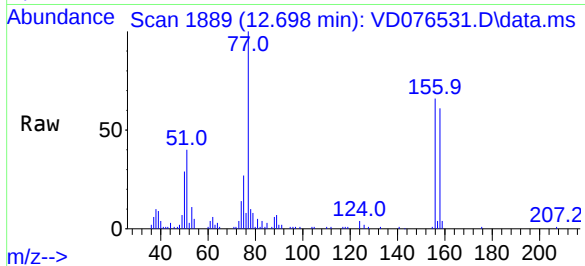




#77
Bromobenzene
Concen: 20.003 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

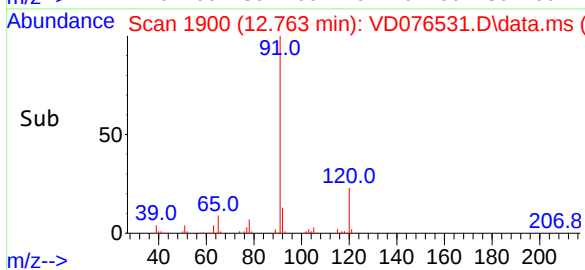
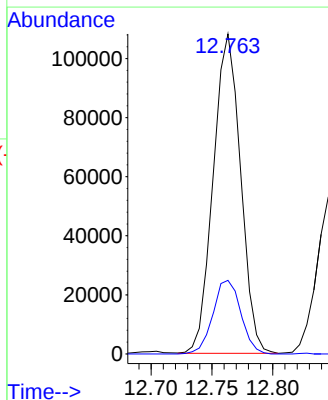
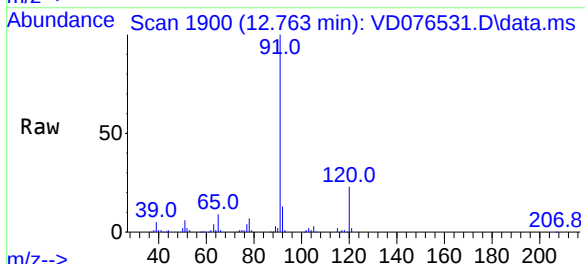
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

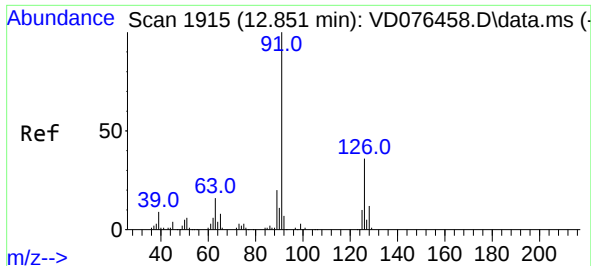
Tgt Ion:156 Resp: 34083
Ion Ratio Lower Upper
156 100
77 172.9 76.8 230.4
158 92.8 48.6 145.9



#78
n-propylbenzene
Concen: 19.819 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 91 Resp: 169010
Ion Ratio Lower Upper
91 100
120 23.5 12.4 37.2

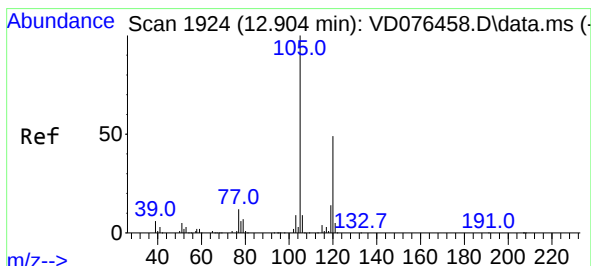
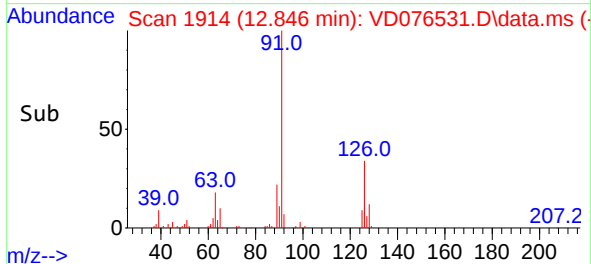
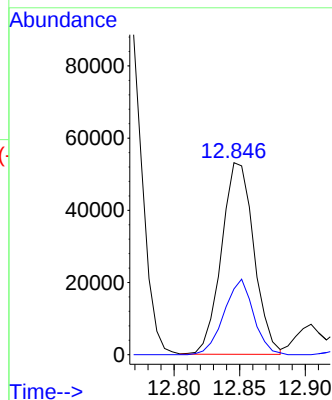
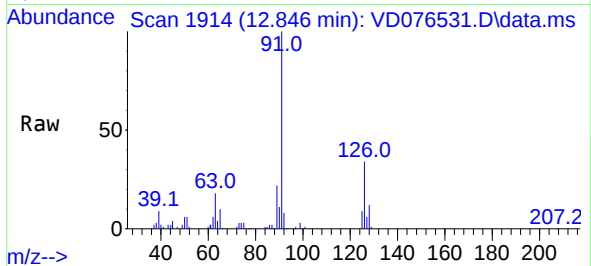




#79
2-Chlorotoluene
Concen: 19.464 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

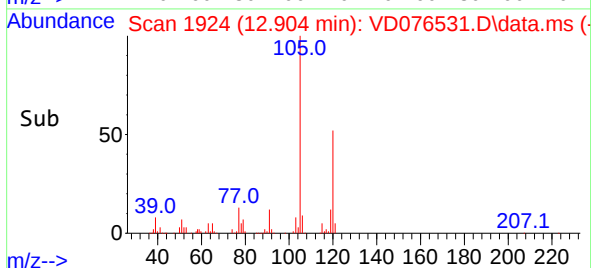
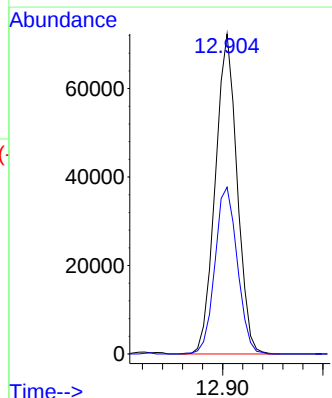
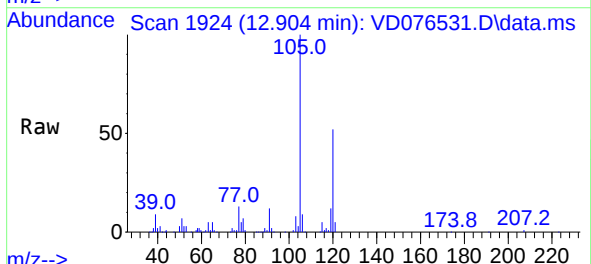
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

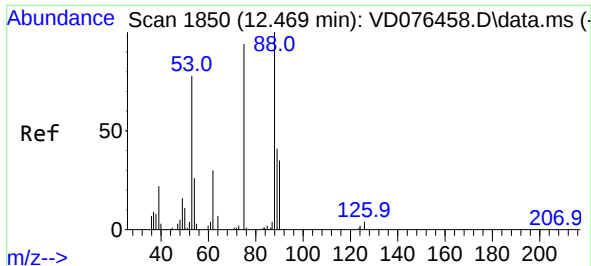
Tgt Ion: 91 Resp: 91149
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.361 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 105 Resp: 109202
Ion Ratio Lower Upper
105 100
120 53.5 26.4 79.2

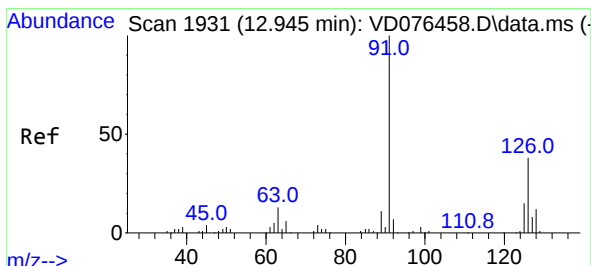
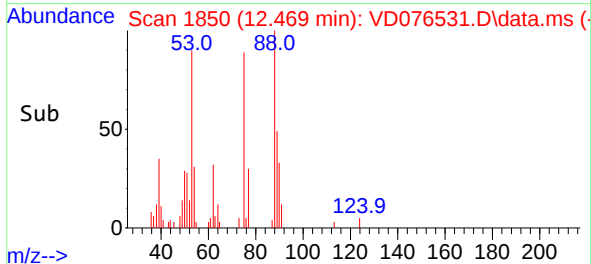
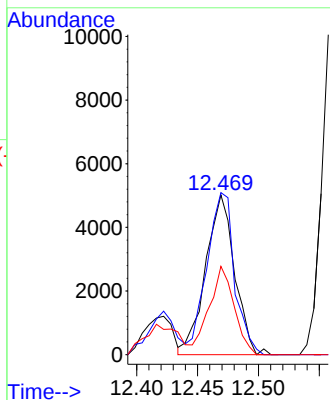
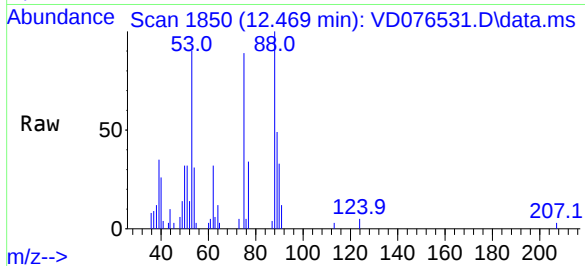




#81
trans-1,4-Dichloro-2-butene
Concen: 17.890 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

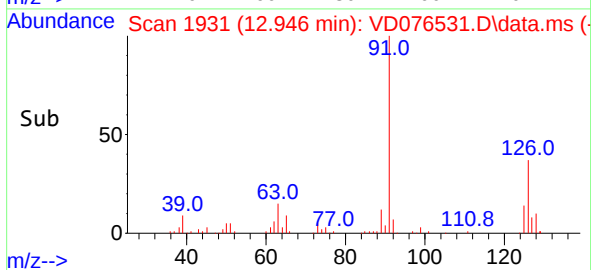
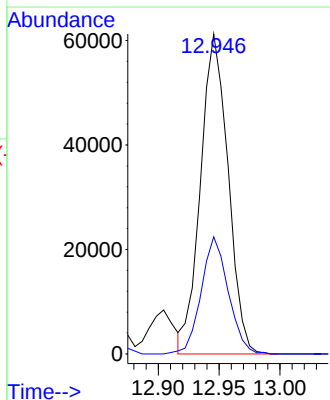
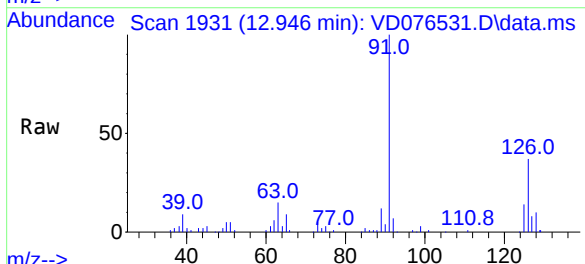
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

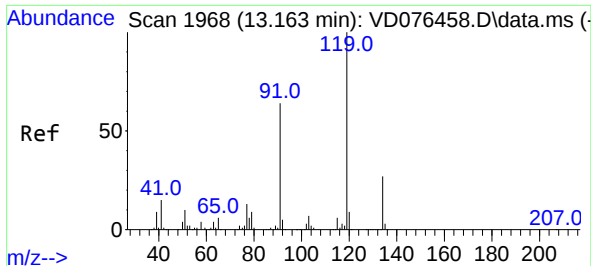
Tgt Ion: 75 Resp: 8312
Ion Ratio Lower Upper
75 100
53 97.0 63.0 94.4#
89 47.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.835 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 91 Resp: 96463
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.4

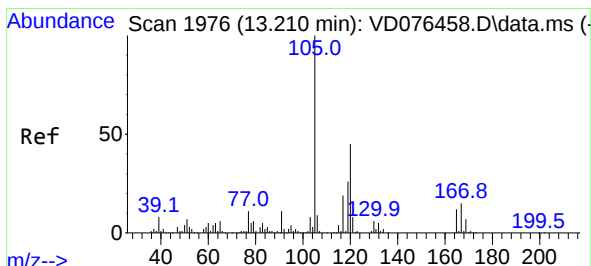
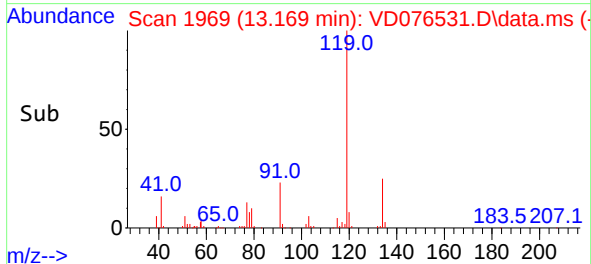
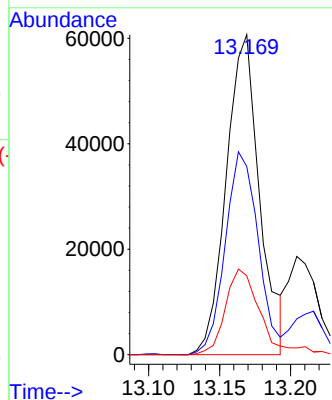
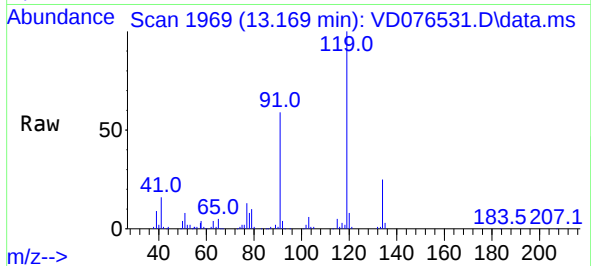




#83
tert-Butylbenzene
Concen: 19.789 ug/l
RT: 13.169 min Scan# 1968
Delta R.T. 0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

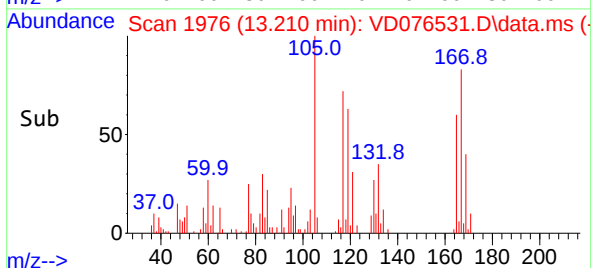
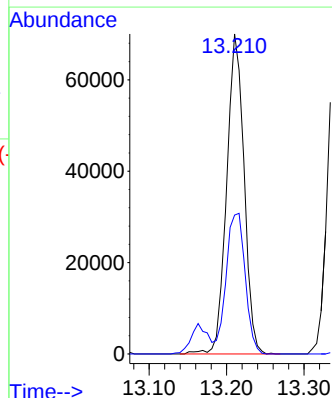
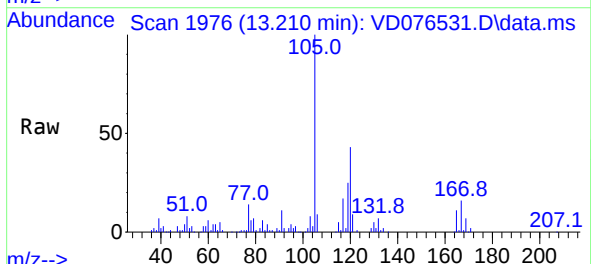
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

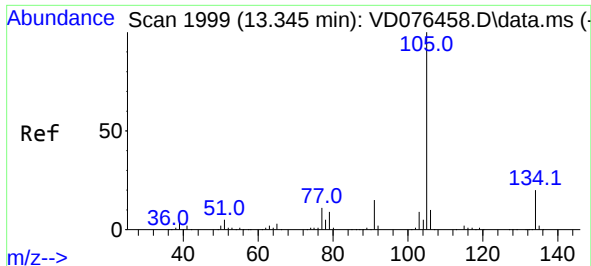
Tgt Ion:119 Resp: 99174
Ion Ratio Lower Upper
119 100
91 62.7 29.3 87.8
134 28.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.297 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion:105 Resp: 109682
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9

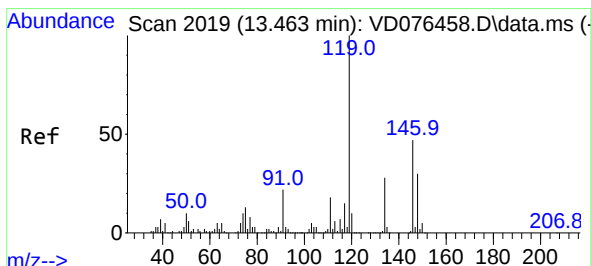
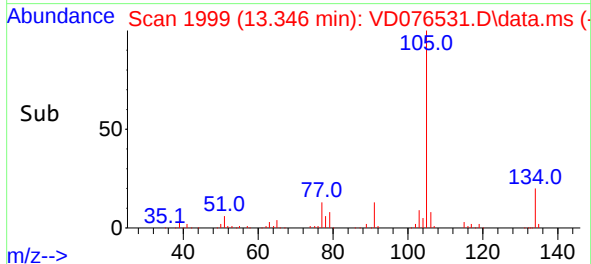
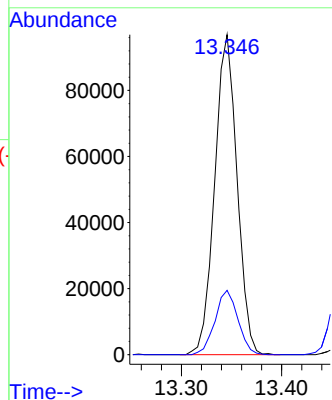
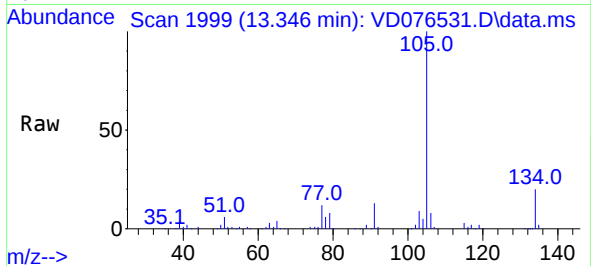




#85
 sec-Butylbenzene
 Concen: 20.149 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076531.D
 Acq: 22 Jun 2023 11:18

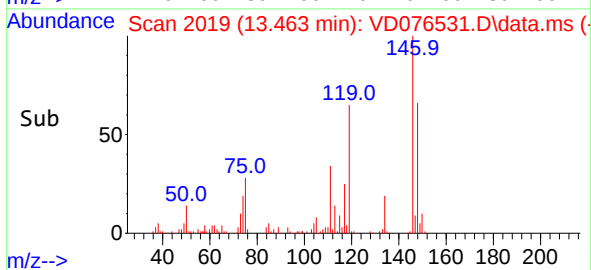
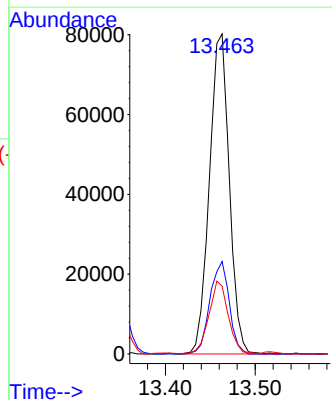
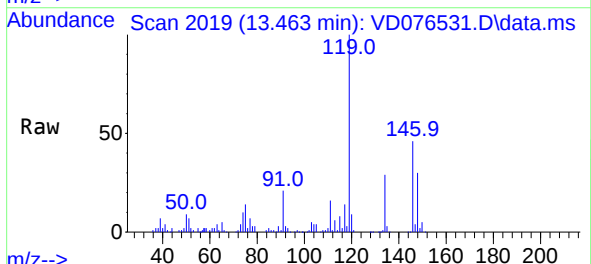
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

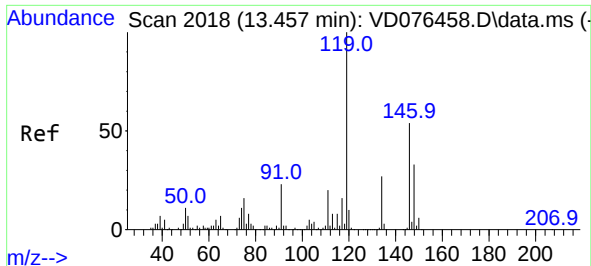
Tgt Ion:105 Resp: 149852
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.843 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076531.D
 Acq: 22 Jun 2023 11:18

Tgt Ion:119 Resp: 123309
 Ion Ratio Lower Upper
 119 100
 134 28.0 14.2 42.6
 91 22.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.774 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

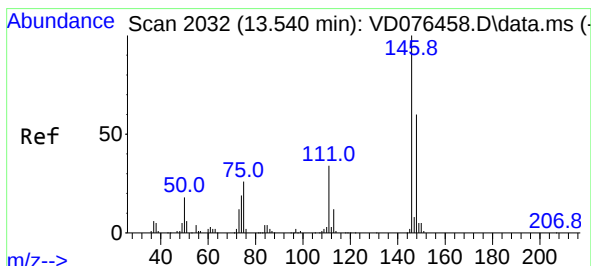
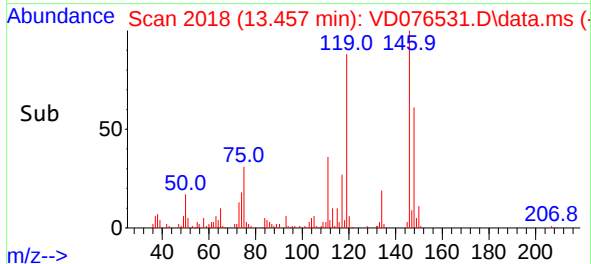
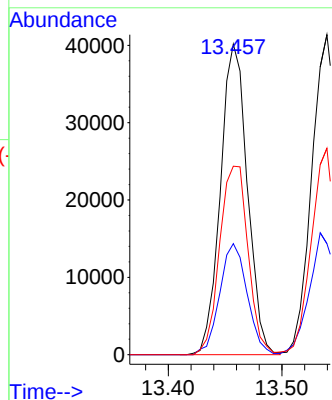
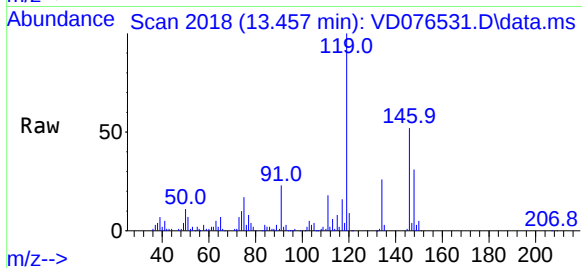
Tgt Ion:146 Resp: 66183

Ion Ratio Lower Upper

146 100

111 36.5 17.9 53.8

148 64.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 20.104 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

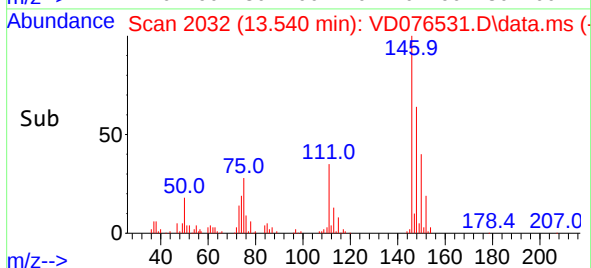
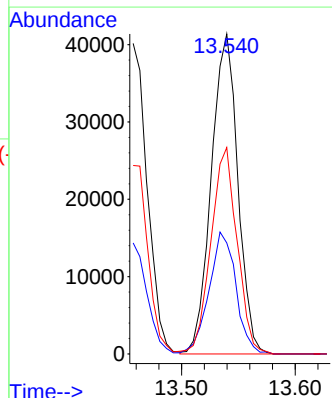
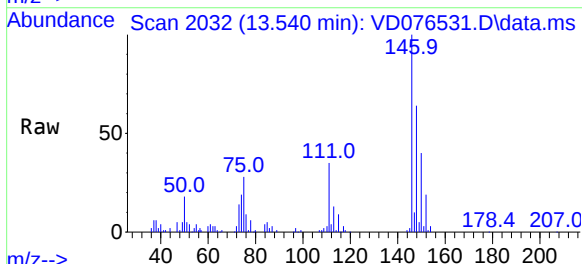
Tgt Ion:146 Resp: 67108

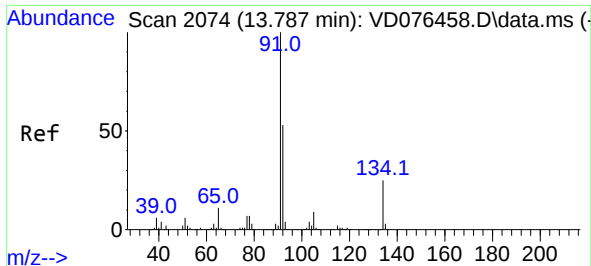
Ion Ratio Lower Upper

146 100

111 38.7 17.4 52.3

148 63.6 31.7 95.1

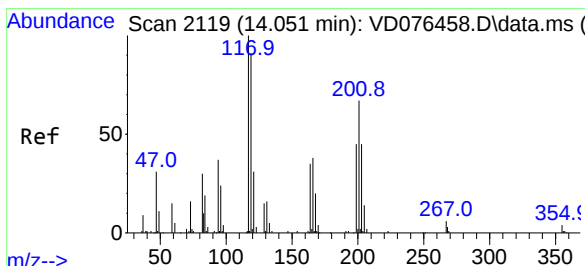
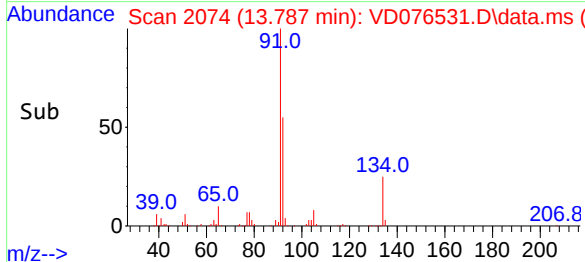
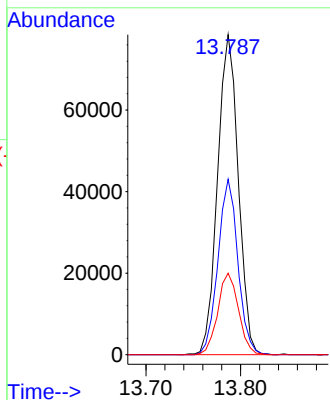
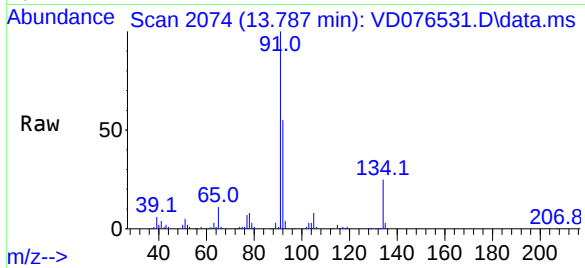




#89
n-Butylbenzene
Concen: 19.686 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

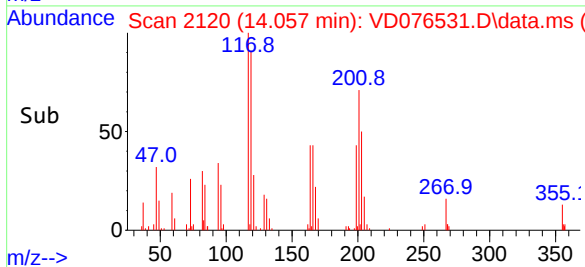
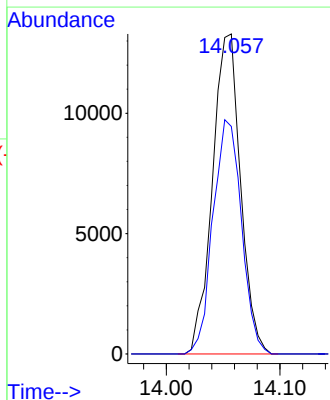
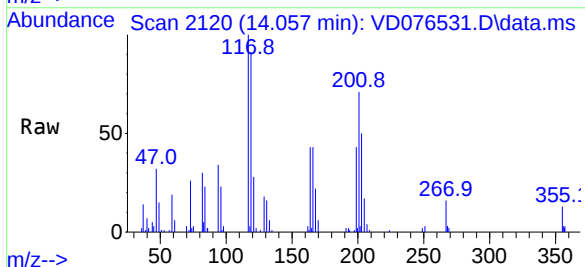
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

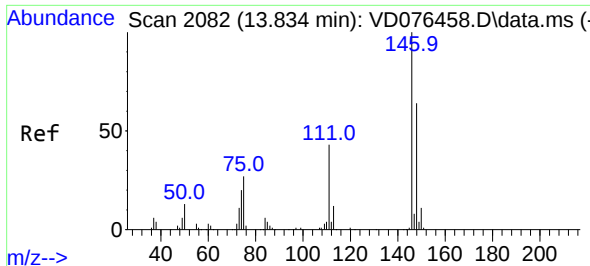
Tgt Ion: 91 Resp: 119322
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 25.5 13.8 41.3



#90
Hexachloroethane
Concen: 19.960 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion: 117 Resp: 22890
Ion Ratio Lower Upper
117 100
201 74.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.566 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

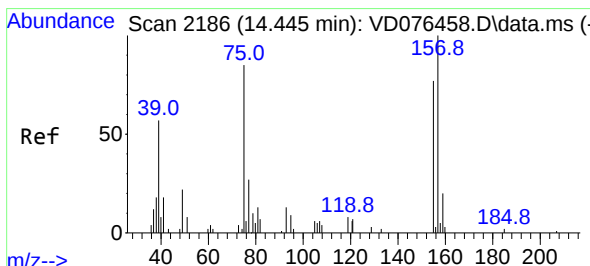
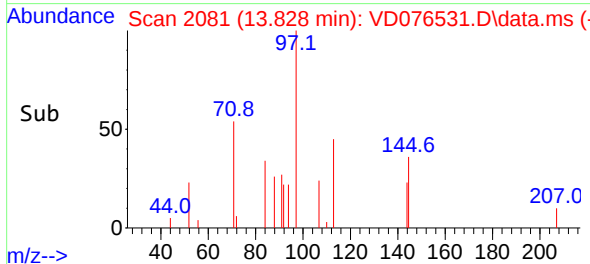
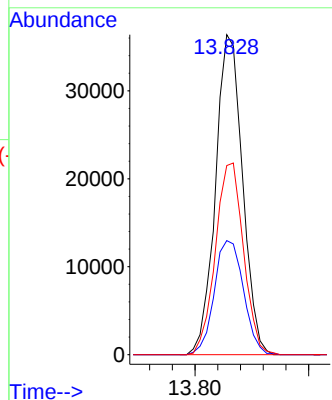
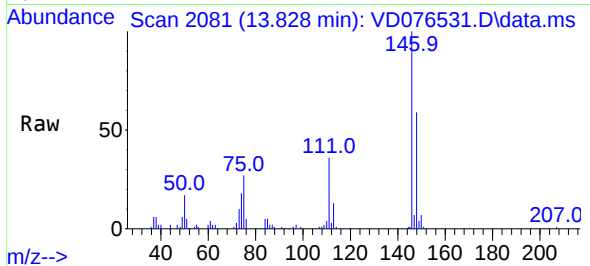
Tgt Ion:146 Resp: 60149

Ion Ratio Lower Upper

146 100

111 38.6 18.3 54.8

148 62.3 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.173 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD076531.D

Acq: 22 Jun 2023 11:18

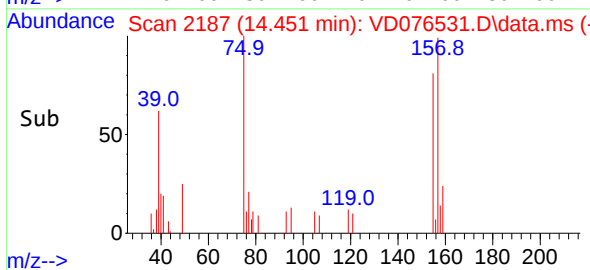
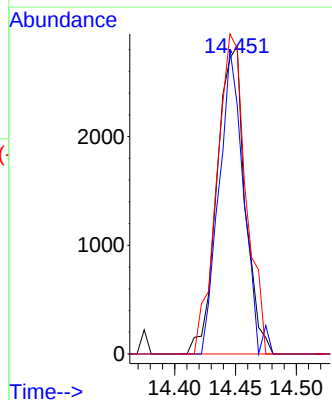
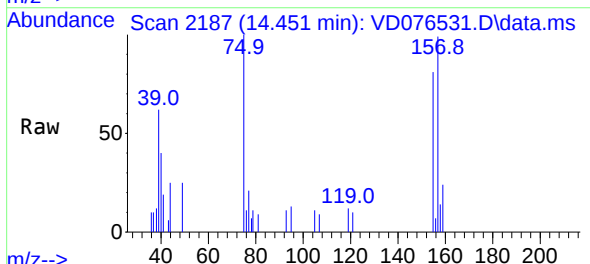
Tgt Ion: 75 Resp: 4542

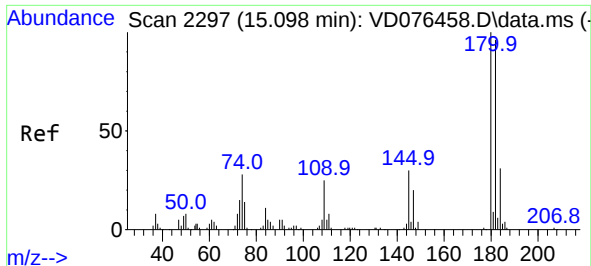
Ion Ratio Lower Upper

75 100

155 86.6 47.9 143.8

157 107.8 59.9 179.7

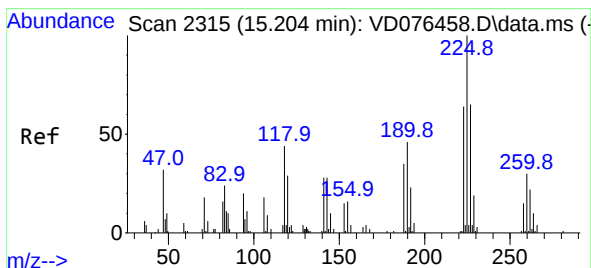
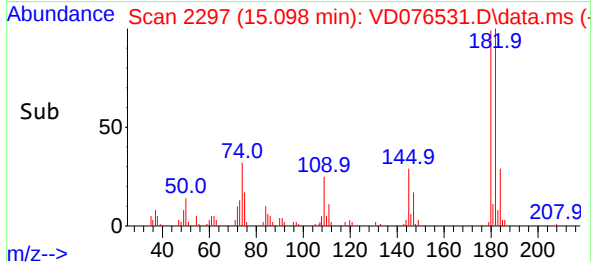
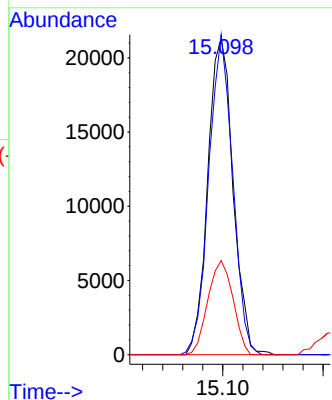
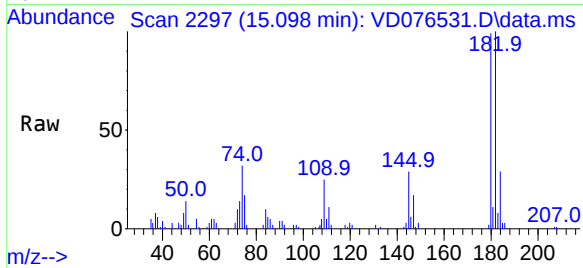




#93
1,2,4-Trichlorobenzene
Concen: 19.157 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

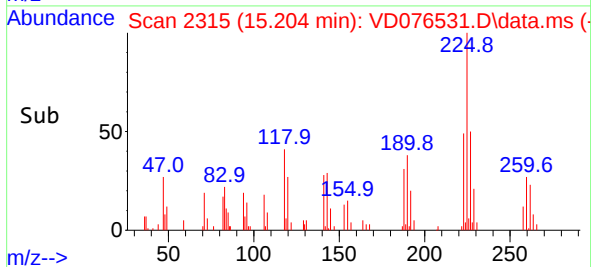
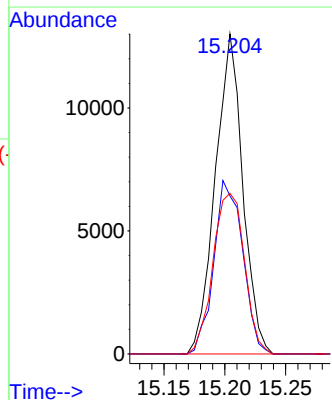
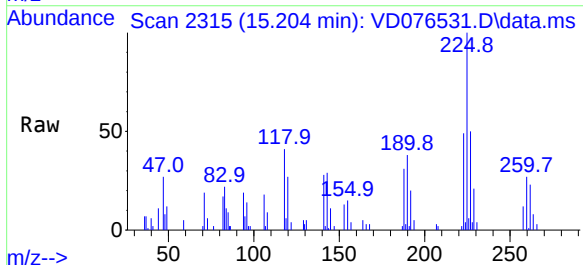
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

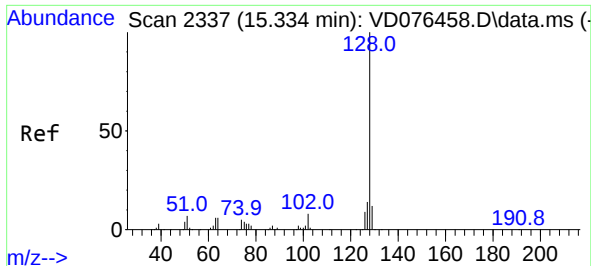
Tgt Ion:	180	Resp:	37340
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.5	145.6
145	29.5	14.2	42.6



#94
Hexachlorobutadiene
Concen: 21.535 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion:	225	Resp:	20407
Ion Ratio	Lower	Upper	
225	100		
223	56.8	31.6	94.8
227	57.7	31.7	95.1

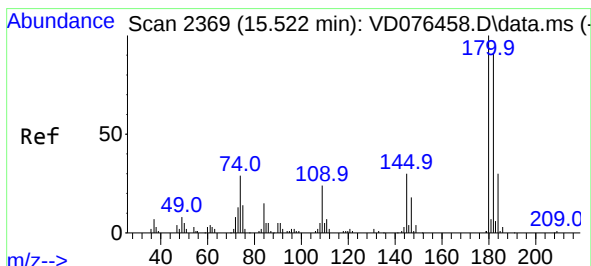
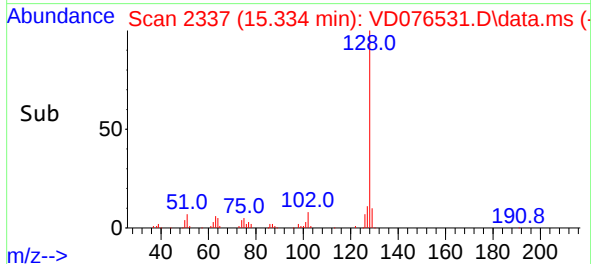
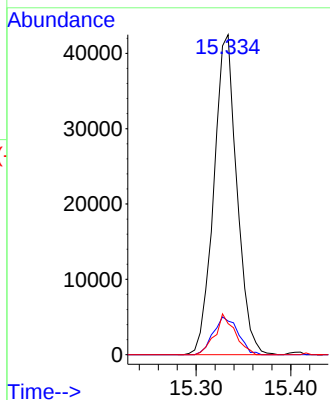
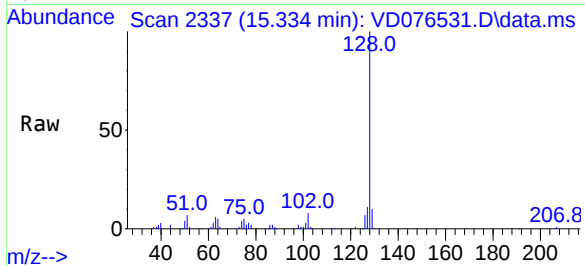




#95
Naphthalene
Concen: 18.443 ug/l
RT: 15.334 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Tgt Ion:	128	Resp:	71885
Ion Ratio	Lower	Upper	
128	100		
127	10.5	10.5	15.7
129	9.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.853 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076531.D
Acq: 22 Jun 2023 11:18

Tgt Ion:	180	Resp:	33714
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.3	141.9
145	29.9	15.1	45.3

