

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102722\
 Data File : VD074653.D
 Acq On : 27 Oct 2022 12:59
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 27 23:51:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 23:51:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	129015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	5239	5.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.400%#
35) Dibromofluoromethane	7.805	113	6368	4.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.400%#
50) Toluene-d8	10.269	98	26224	5.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	11.620%#
62) 4-Bromofluorobenzene	12.575	95	7554	5.124	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.240%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	5856	5.781	ug/l	99
3) Chloromethane	2.140	50	9823	7.021	ug/l	99
4) Vinyl Chloride	2.275	62	9285	5.992	ug/l	96
5) Bromomethane	2.687	94	9324	7.891	ug/l	91
6) Chloroethane	2.828	64	6387	6.026	ug/l #	87
7) Trichlorofluoromethane	3.170	101	11218	5.257	ug/l	99
8) Diethyl Ether	3.593	74	2771	4.536	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.970	101	7111	5.221	ug/l	94
10) Methyl Iodide	4.158	142	5706	3.717	ug/l #	92
11) Tert butyl alcohol	5.022	59	7305	44.501	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	7444	5.435	ug/l	85
13) Acrolein	3.793	56	1547	14.987	ug/l	97
14) Allyl chloride	4.558	41	7179	4.902	ug/l	98
15) Acrylonitrile	5.258	53	5730	23.244	ug/l	99
16) Acetone	4.022	43	5040	23.553	ug/l	90
17) Carbon Disulfide	4.269	76	22108	5.744	ug/l	97
18) Methyl Acetate	4.564	43	3172	4.972	ug/l #	69
19) Methyl tert-butyl Ether	5.311	73	12046	4.540	ug/l	97
20) Methylene Chloride	4.799	84	27409	12.112	ug/l #	81
21) trans-1,2-Dichloroethene	5.311	96	7897	5.142	ug/l #	81
22) Diisopropyl ether	6.211	45	14073	4.702	ug/l #	84
23) Vinyl Acetate	6.158	43	19155	14.864	ug/l	94
24) 1,1-Dichloroethane	6.105	63	11786	5.117	ug/l	95
25) 2-Butanone	7.087	43	6569	23.000	ug/l	93
26) 2,2-Dichloropropane	7.069	77	10796	4.913	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	8084	4.789	ug/l	93
28) Bromochloromethane	7.416	49	3681	6.324	ug/l #	99
29) Tetrahydrofuran	7.440	42	3629	23.207	ug/l	98
30) Chloroform	7.593	83	12433	5.005	ug/l	99
31) Cyclohexane	7.875	56	11591	5.787	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	11175	4.909	ug/l	98
36) 1,1-Dichloropropene	8.010	75	9118	4.655	ug/l	98
37) Ethyl Acetate	7.163	43	2621	4.318	ug/l #	69
38) Carbon Tetrachloride	7.993	117	8160	4.287	ug/l #	95
39) Methylcyclohexane	9.269	83	10994	4.686	ug/l	96
40) Benzene	8.252	78	28656	4.963	ug/l	99

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 27 23:51:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 23:51:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	1221	3.614	ug/l #	80
42) 1,2-Dichloroethane	8.322	62	6599	4.953	ug/l	98
43) Isopropyl Acetate	8.363	43	5336	4.716	ug/l #	82
44) Trichloroethene	9.028	130	8494	5.014	ug/l	91
45) 1,2-Dichloropropane	9.305	63	6326	4.983	ug/l	92
46) Dibromomethane	9.393	93	3664	5.013	ug/l	94
47) Bromodichloromethane	9.581	83	8789	4.884	ug/l	96
48) Methyl methacrylate	9.381	41	2083	4.009	ug/l	92
49) 1,4-Dioxane	9.369	88	309	42.930	ug/l #	52
51) 4-Methyl-2-Pentanone	10.157	43	12494	22.152	ug/l	95
52) Toluene	10.334	92	18474	5.165	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	7255	4.574	ug/l	91
54) cis-1,3-Dichloropropene	10.016	75	9267	4.615	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	5255	5.239	ug/l #	85
56) Ethyl methacrylate	10.599	69	4993	4.563	ug/l	96
57) 1,3-Dichloropropane	10.881	76	7629	4.698	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	3761	15.421	ug/l	91
59) 2-Hexanone	10.922	43	8485	21.917	ug/l	97
60) Dibromochloromethane	11.069	129	5925	4.894	ug/l	100
61) 1,2-Dibromoethane	11.175	107	4554	4.948	ug/l	97
64) Tetrachloroethene	10.810	164	7298	4.944	ug/l	94
65) Chlorobenzene	11.610	112	20205	4.824	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.675	131	6702	4.676	ug/l	99
67) Ethyl Benzene	11.687	91	33959	4.636	ug/l	93
68) m/p-Xylenes	11.787	106	26463	9.027	ug/l	98
69) o-Xylene	12.122	106	12222	4.536	ug/l	92
70) Styrene	12.134	104	20174	4.451	ug/l	98
71) Bromoform	12.298	173	3558	4.745	ug/l #	96
73) Isopropylbenzene	12.422	105	31124	4.300	ug/l	99
74) N-amyl acetate	12.234	43	4493	4.184	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	5433	4.739	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	5906	7.388	ug/l #	1
77) Bromobenzene	12.698	156	7734	4.732	ug/l	97
78) n-propylbenzene	12.763	91	37389	4.346	ug/l	98
79) 2-Chlorotoluene	12.845	91	20802	4.483	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	25694	4.345	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	1125	3.554	ug/l	92
82) 4-Chlorotoluene	12.945	91	21511	4.490	ug/l	94
83) tert-Butylbenzene	13.163	119	23443	4.447	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	24941	4.297	ug/l	97
85) sec-Butylbenzene	13.345	105	34088	4.330	ug/l	97
86) p-Isopropyltoluene	13.457	119	28306	4.286	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	16143	4.727	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	16774	5.023	ug/l	96
89) n-Butylbenzene	13.787	91	26599	4.425	ug/l	98
90) Hexachloroethane	14.057	117	5119	4.451	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	14085	4.938	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	637	4.017	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	8578	4.563	ug/l	97
94) Hexachlorobutadiene	15.204	225	4514	4.405	ug/l	90
95) Naphthalene	15.328	128	14519	4.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	7258	4.530	ug/l	96

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Data File : VD074653.D
Acq On : 27 Oct 2022 12:59
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

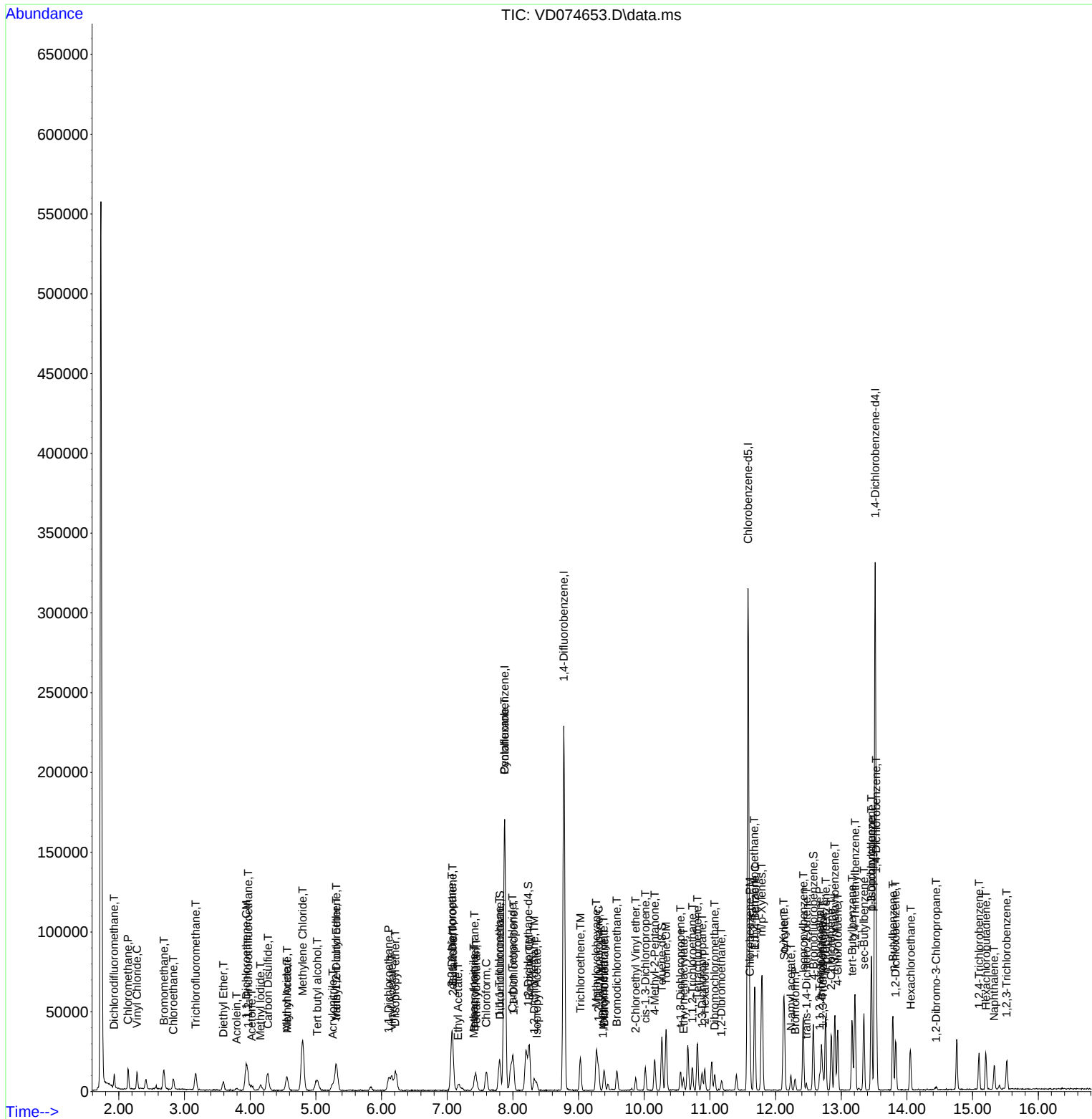
Quant Time: Oct 27 23:51:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 23:51:06 2022
Response via : Initial Calibration

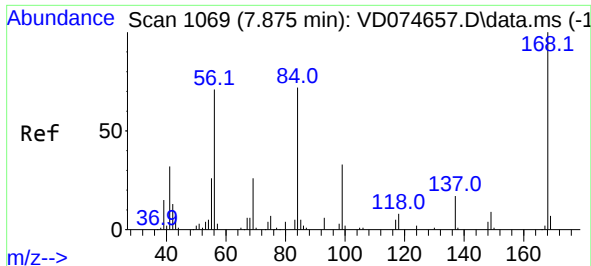
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Quant Time: Oct 27 23:51:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 23:51:06 2022
Response via : Initial Calibration

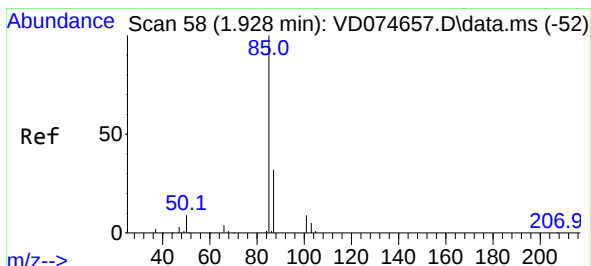
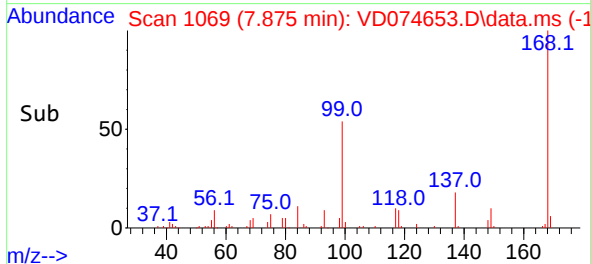
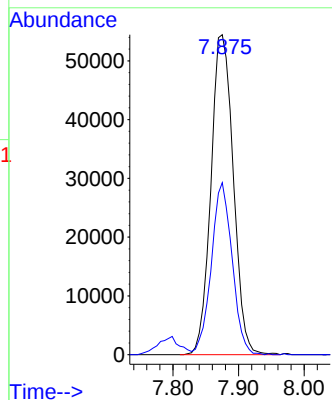
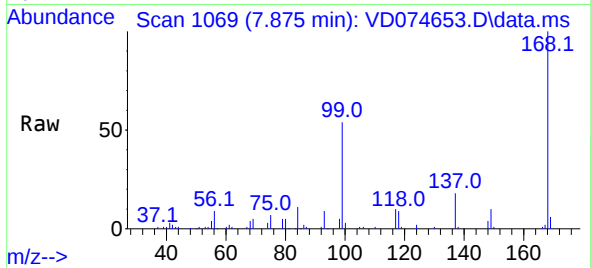




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

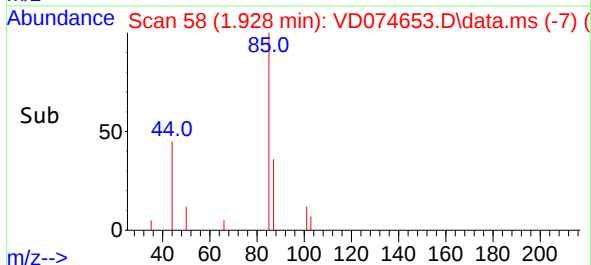
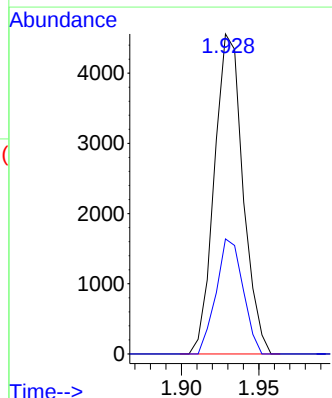
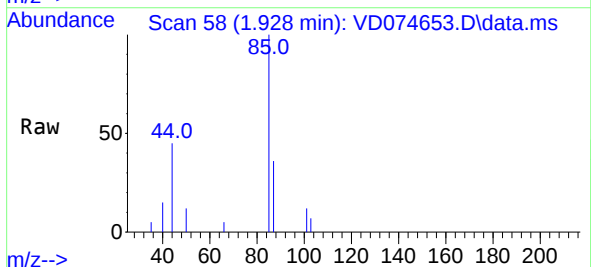
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 129015
Ion Ratio Lower Upper
168 100
99 53.7 40.9 61.3

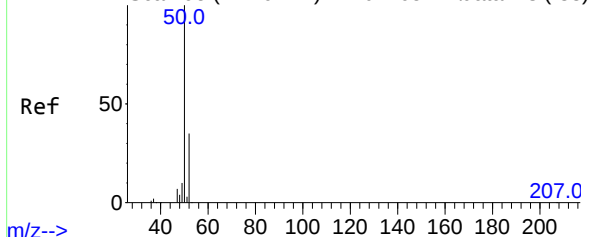


#2
Dichlorodifluoromethane
Concen: 5.781 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 85 Resp: 5856
Ion Ratio Lower Upper
85 100
87 35.9 17.5 52.6



Abundance Scan 95 (2.146 min): VD074657.D\data.ms (-88)



#3

Chloromethane

Concen: 7.021 ug/l

RT: 2.140 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

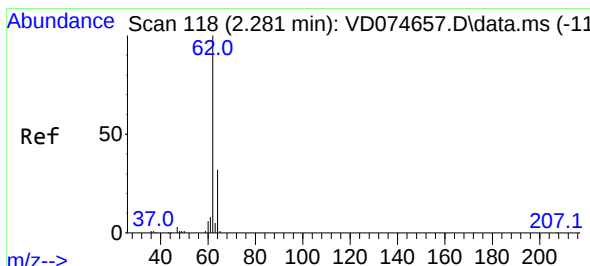
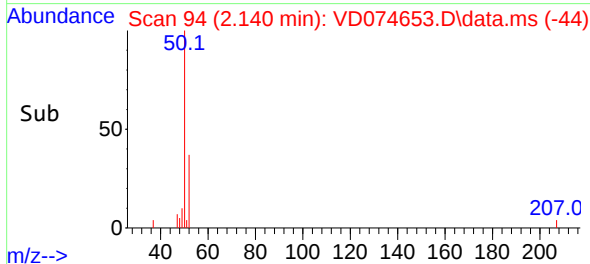
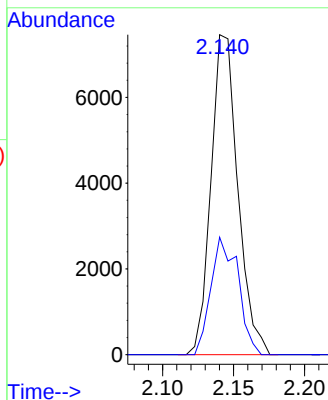
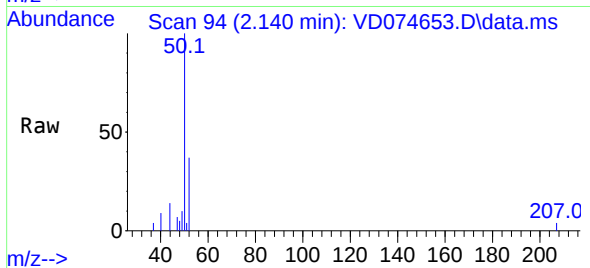
VSTDICC005

Tgt Ion: 50 Resp: 9823

Ion Ratio Lower Upper

50 100

52 36.7 30.0 45.0



#4

Vinyl Chloride

Concen: 5.992 ug/l

RT: 2.275 min Scan# 117

Delta R.T. -0.006 min

Lab File: VD074653.D

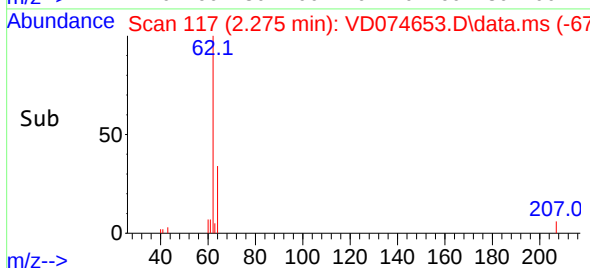
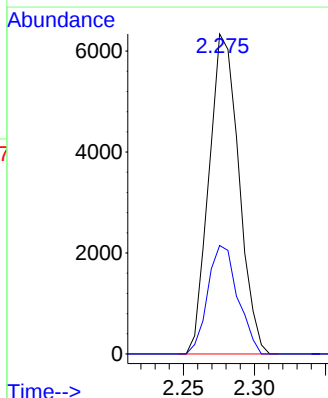
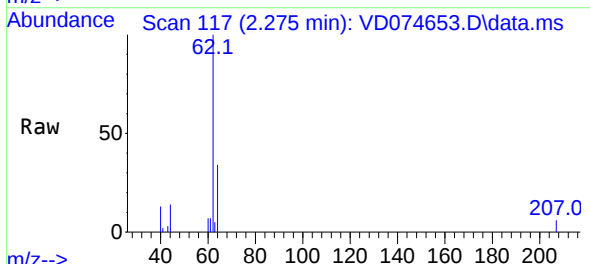
Acq: 27 Oct 2022 12:59

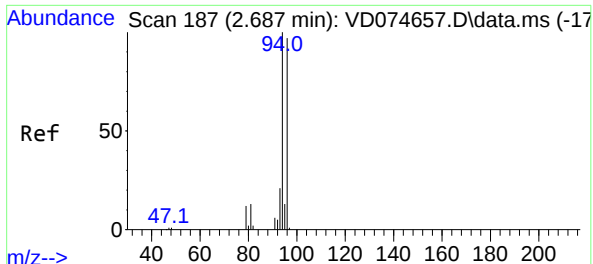
Tgt Ion: 62 Resp: 9285

Ion Ratio Lower Upper

62 100

64 33.9 25.5 38.3

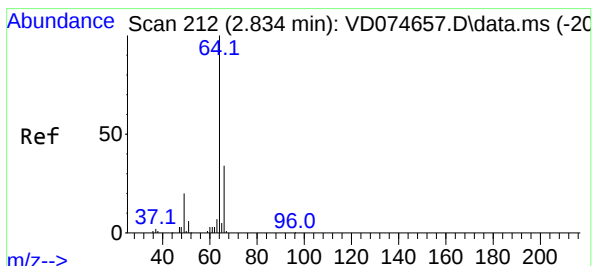
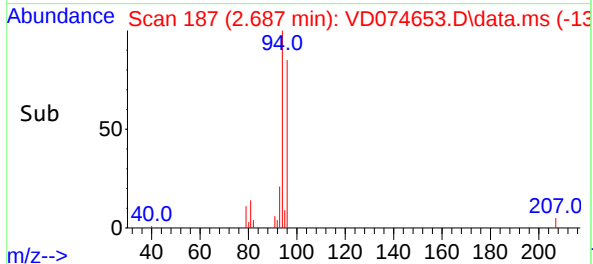
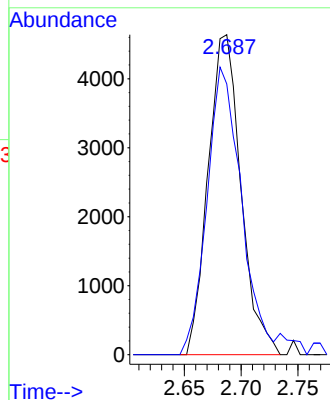
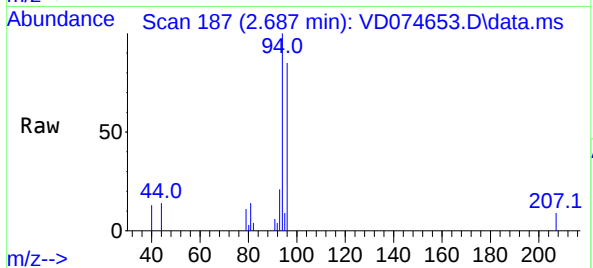




#5
Bromomethane
Concen: 7.891 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

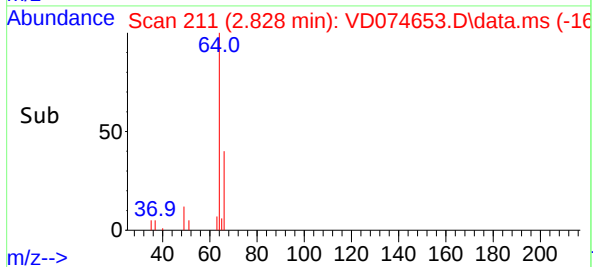
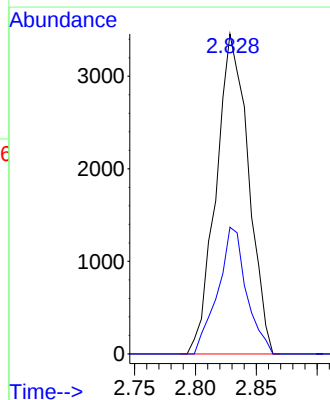
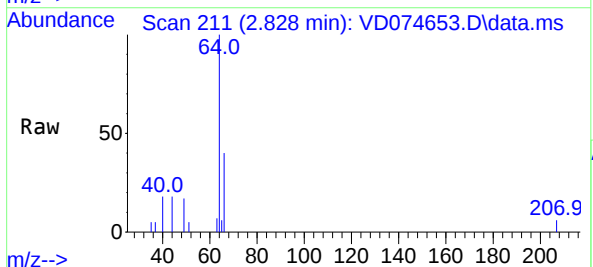
Instrument :
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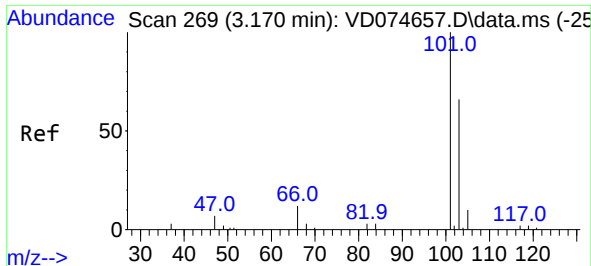
Tgt Ion: 94 Resp: 9324
Ion Ratio Lower Upper
94 100
96 84.6 74.6 112.0



#6
Chloroethane
Concen: 6.026 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 64 Resp: 6387
Ion Ratio Lower Upper
64 100
66 39.6 25.8 38.8#

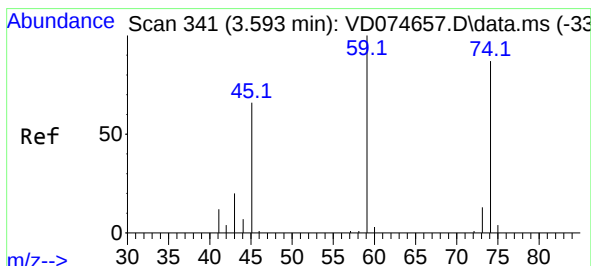
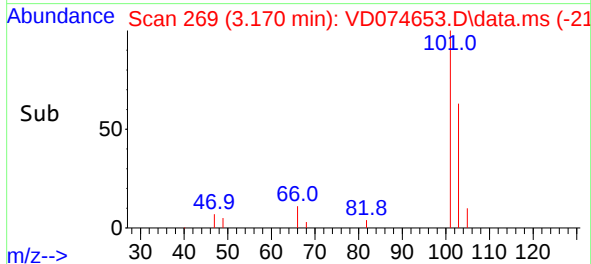
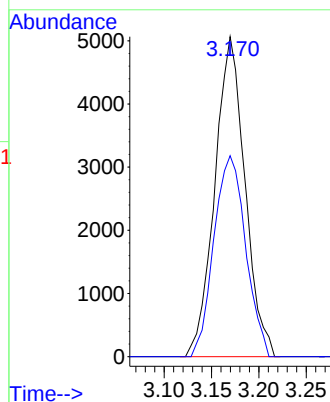
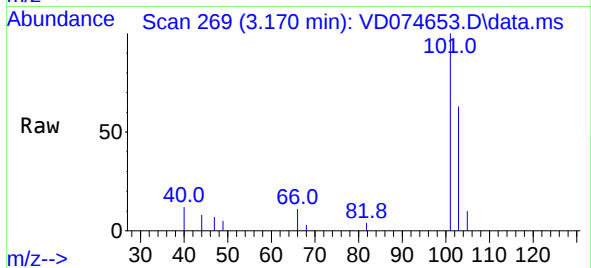




#7
Trichlorofluoromethane
Concen: 5.257 ug/l
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

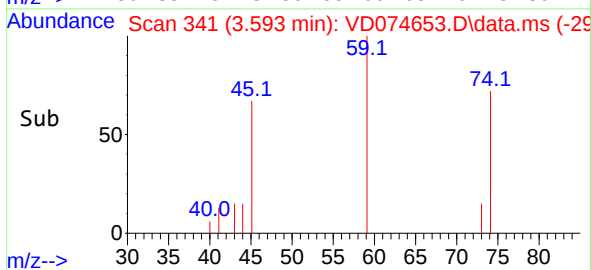
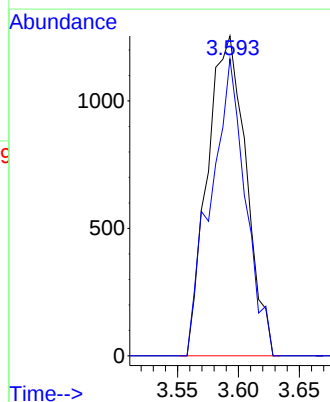
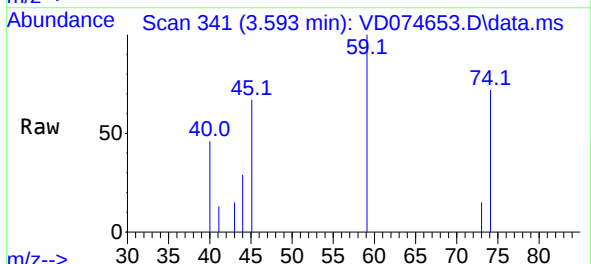
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

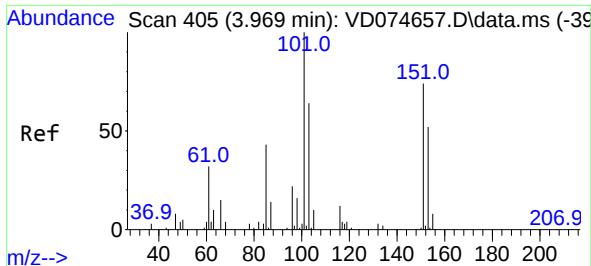
Tgt Ion:101 Resp: 11218
Ion Ratio Lower Upper
101 100
103 62.8 49.8 74.8



#8
Diethyl Ether
Concen: 4.536 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 74 Resp: 2771
Ion Ratio Lower Upper
74 100
45 83.6 37.9 113.6



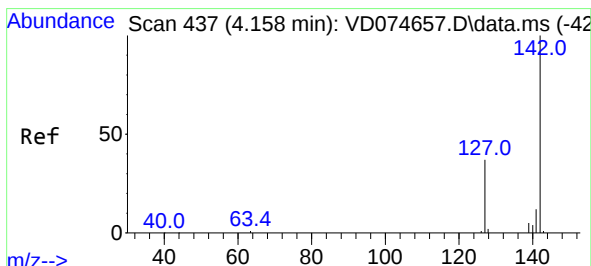
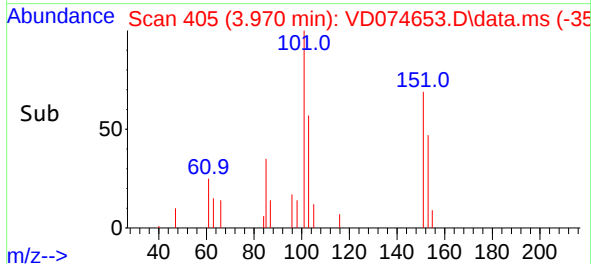
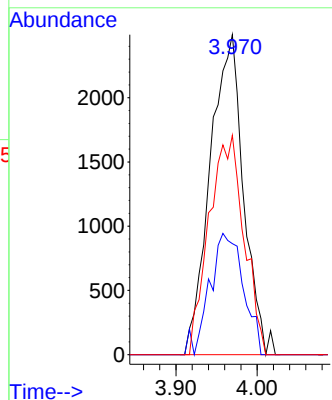
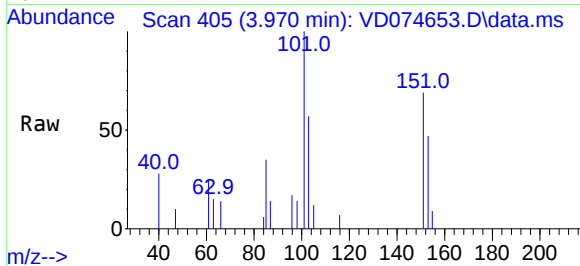


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.221 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 7111

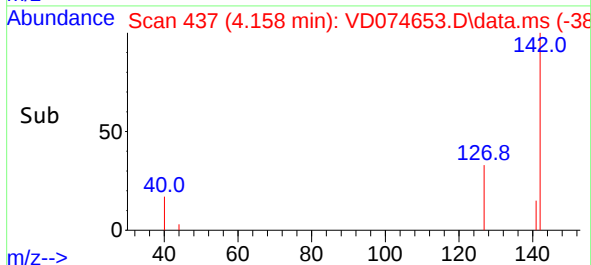
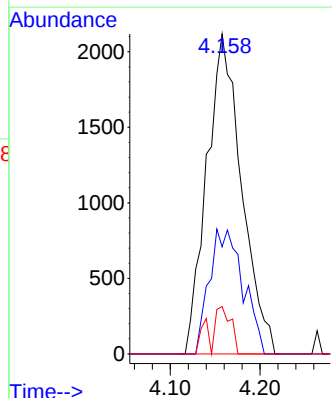
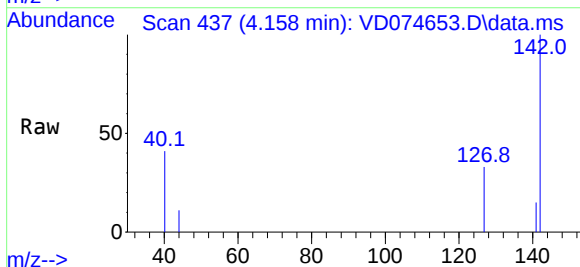
Ion	Ratio	Lower	Upper
101	100		
85	38.3	34.1	51.1
151	71.7	61.7	92.5

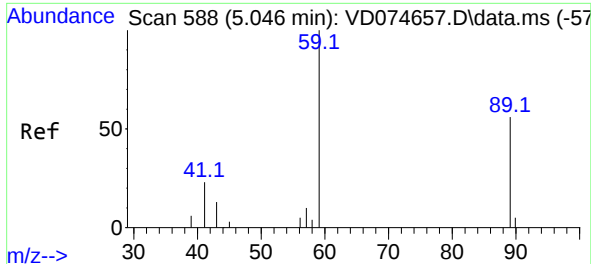


#10
Methyl Iodide
Concen: 3.717 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion:142 Resp: 5706

Ion	Ratio	Lower	Upper
142	100		
127	37.7	31.9	47.9
141	6.5	11.4	17.2





#11

Tert butyl alcohol

Concen: 44.501 ug/l

RT: 5.022 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

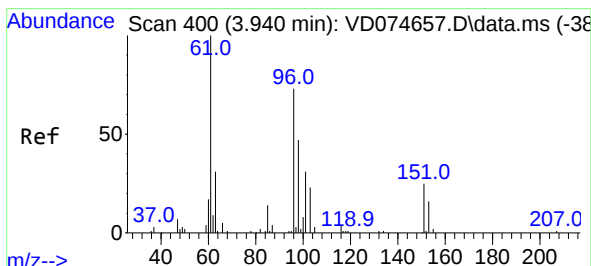
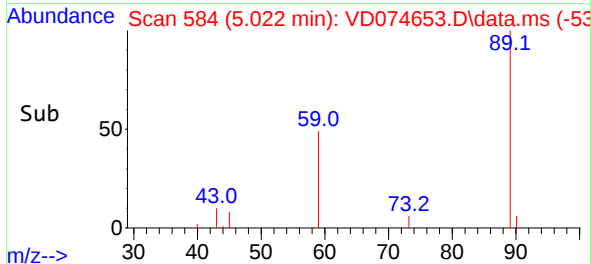
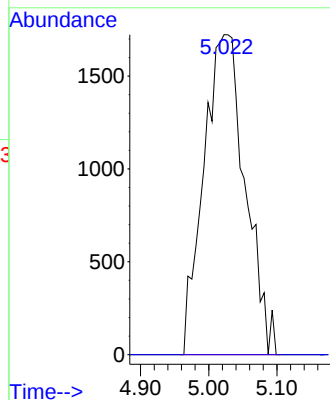
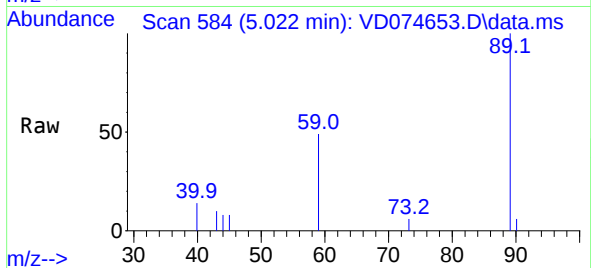
VSTDIC005

Tgt Ion: 59 Resp: 7305

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 5.435 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

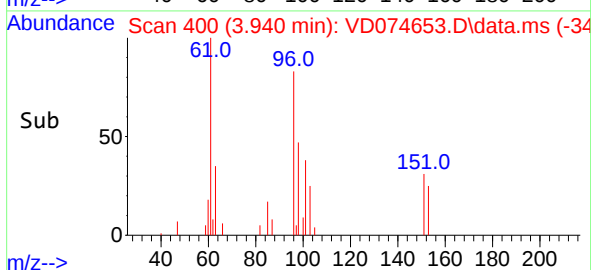
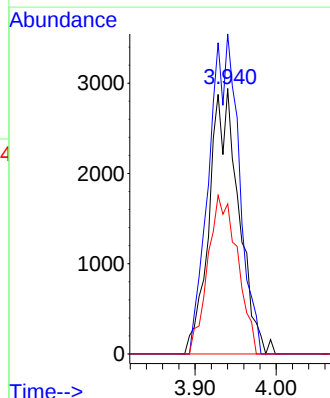
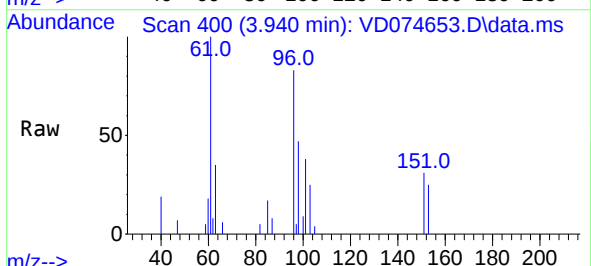
Tgt Ion: 96 Resp: 7444

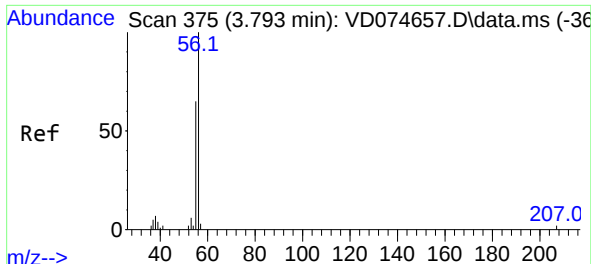
Ion Ratio Lower Upper

96 100

61 120.5 113.9 170.9

98 56.5 51.8 77.8

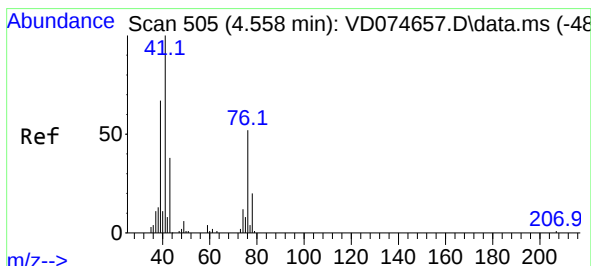
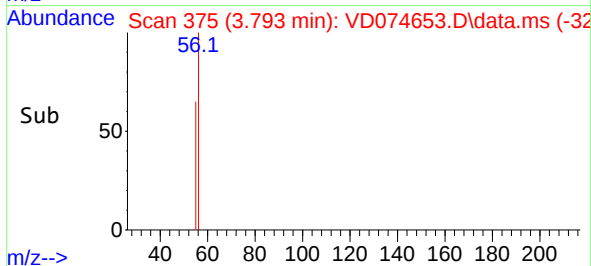
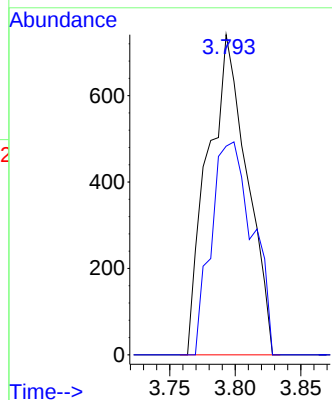
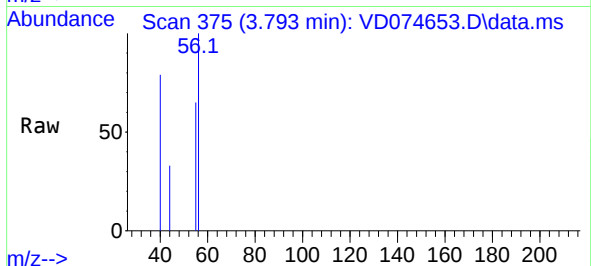




#13
Acrolein
Concen: 14.987 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

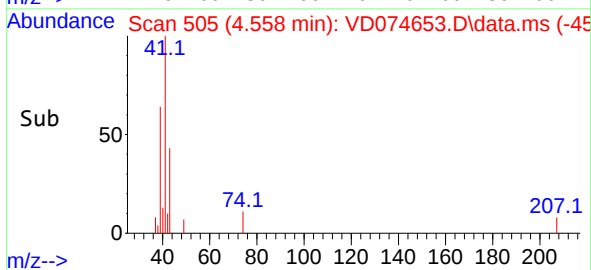
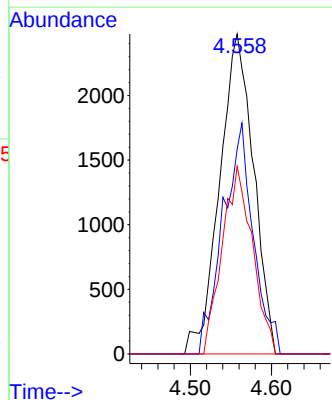
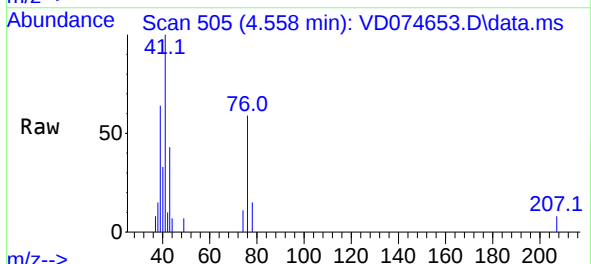
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

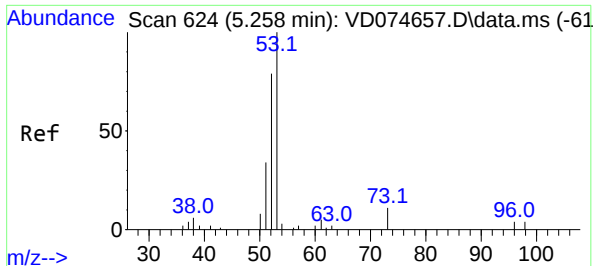
Tgt Ion: 56 Resp: 1547
Ion Ratio Lower Upper
56 100
55 69.7 54.0 81.0



#14
Allyl chloride
Concen: 4.902 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 41 Resp: 7179
Ion Ratio Lower Upper
41 100
39 64.7 53.4 80.2
76 52.3 42.4 63.6

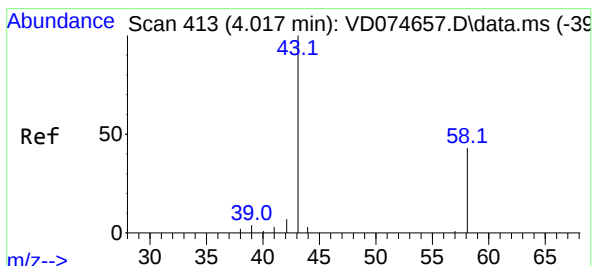
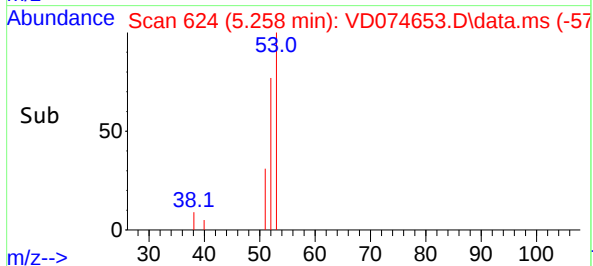
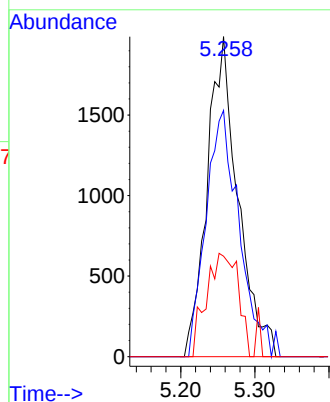
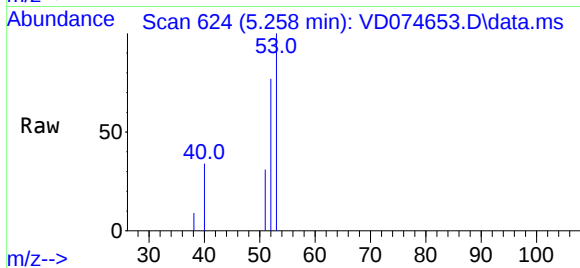




#15
Acrylonitrile
Concen: 23.244 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

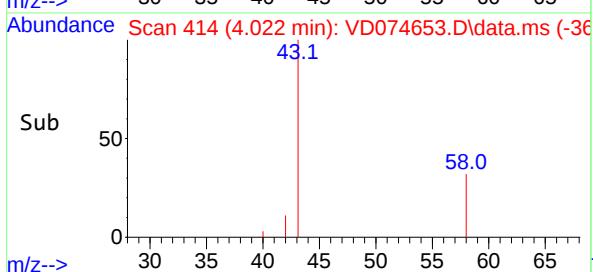
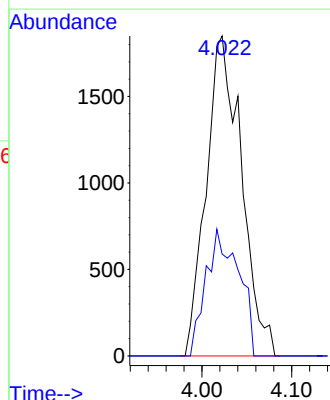
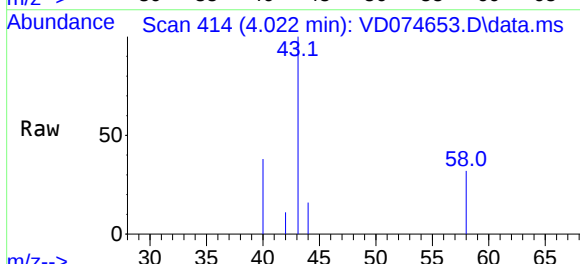
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

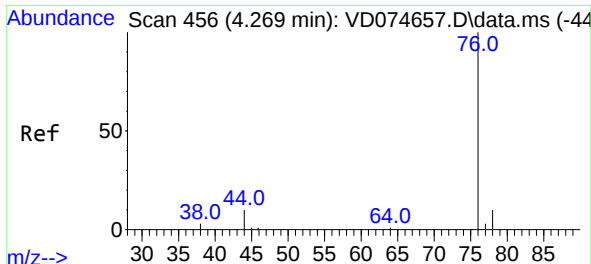
Tgt Ion:	53	Resp:	5730
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.0	99.0
51	33.4	28.3	42.5



#16
Acetone
Concen: 23.553 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion:	43	Resp:	5040
Ion	Ratio	Lower	Upper
43	100		
58	31.8	30.2	45.2

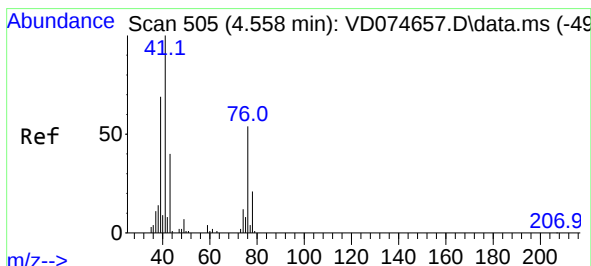
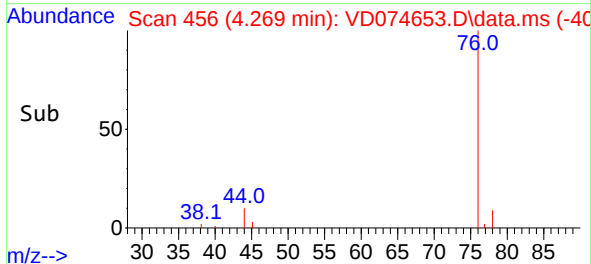
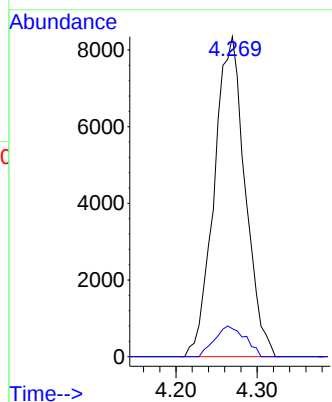
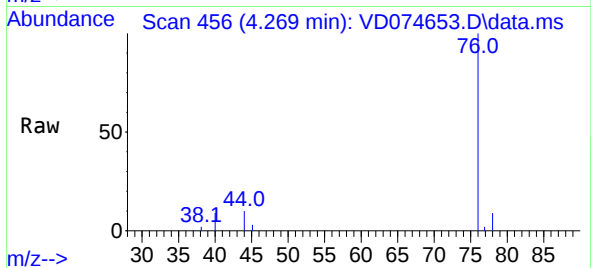




#17
Carbon Disulfide
Concen: 5.744 ug/l
RT: 4.269 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

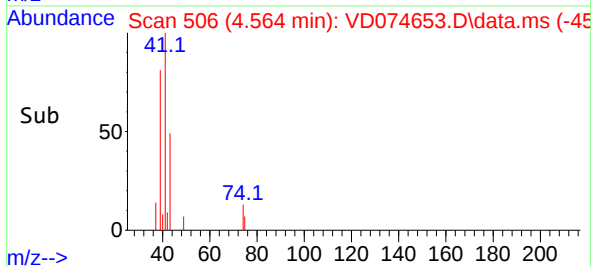
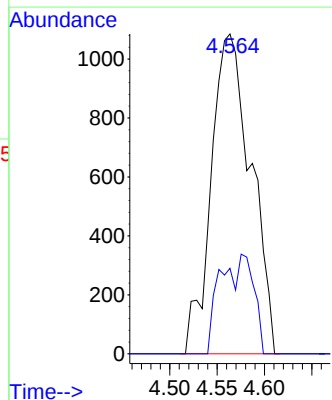
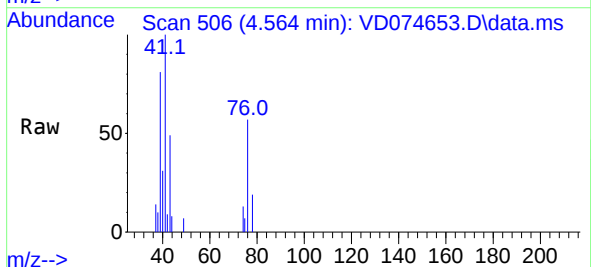
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

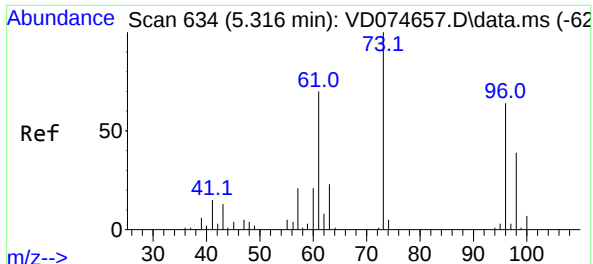
Tgt Ion: 76 Resp: 22108
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8



#18
Methyl Acetate
Concen: 4.972 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 43 Resp: 3172
Ion Ratio Lower Upper
43 100
74 14.0 24.7 37.1#





#19

Methyl tert-butyl Ether

Concen: 4.540 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

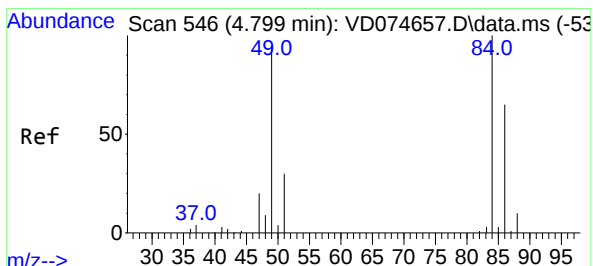
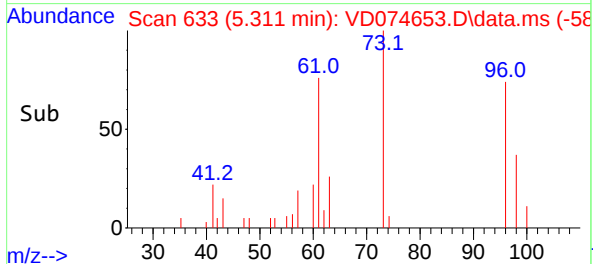
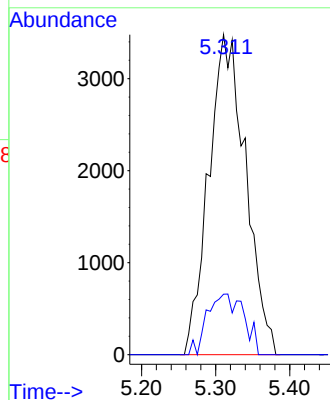
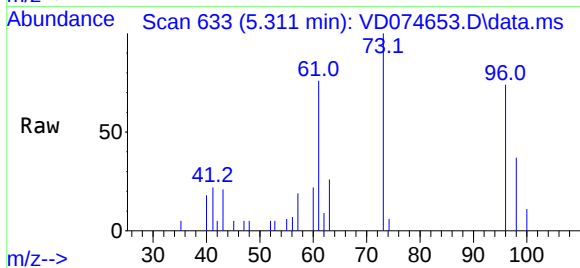
VSTDIC005

Tgt Ion: 73 Resp: 12046

Ion Ratio Lower Upper

73 100

57 18.9 16.1 24.1



#20

Methylene Chloride

Concen: 12.112 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

Tgt Ion: 84 Resp: 27409

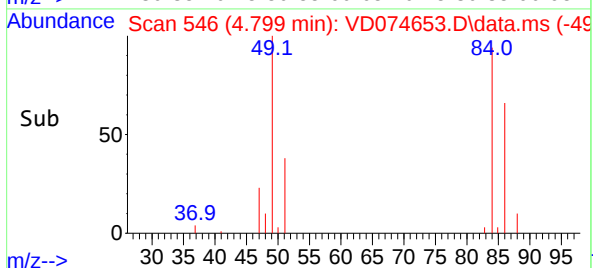
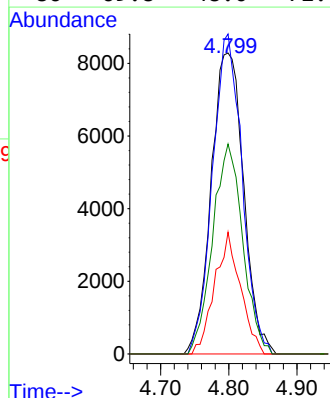
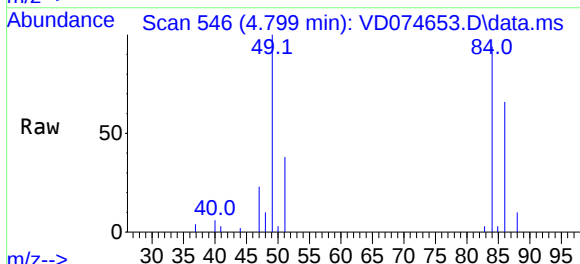
Ion Ratio Lower Upper

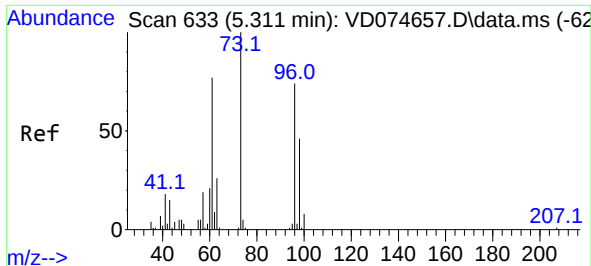
84 100

49 106.3 68.0 102.0#

51 40.4 23.2 34.8#

86 69.8 48.0 72.0

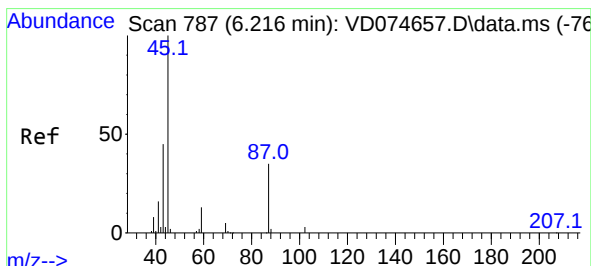
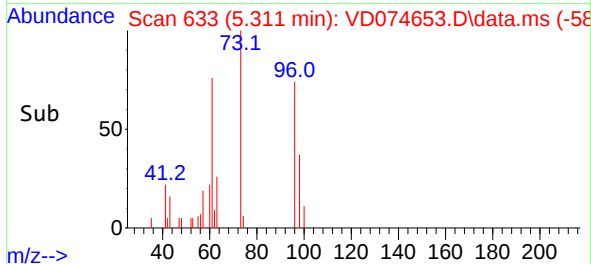
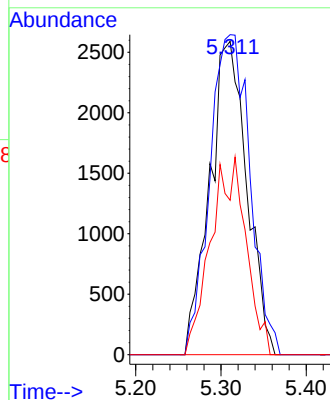
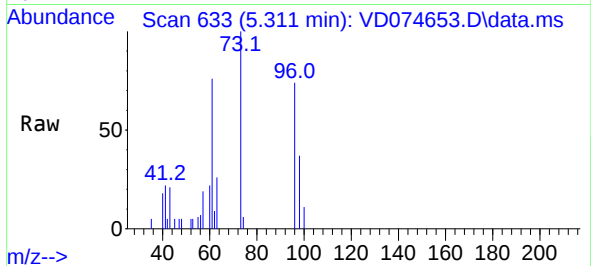




#21
trans-1,2-Dichloroethene
Concen: 5.142 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

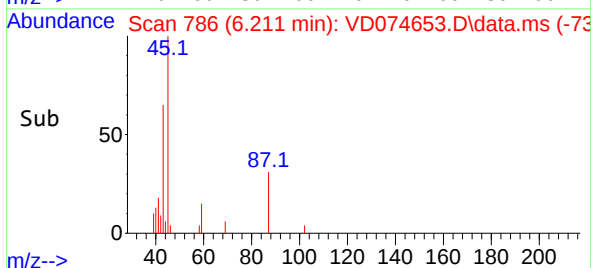
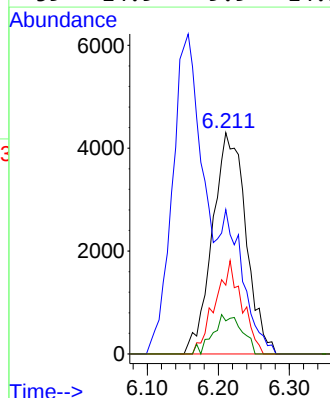
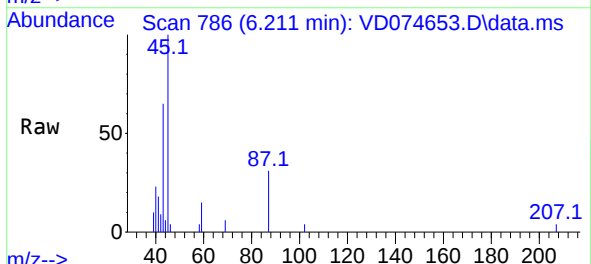
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

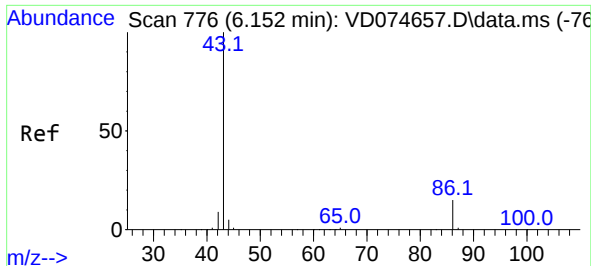
Tgt Ion: 96 Resp: 7897
Ion Ratio Lower Upper
96 100
61 102.2 95.7 143.5
98 49.3 54.8 82.2#



#22
Diisopropyl ether
Concen: 4.702 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 45 Resp: 14073
Ion Ratio Lower Upper
45 100
43 65.2 37.8 56.6#
87 31.0 26.6 40.0
59 14.9 9.9 14.9#

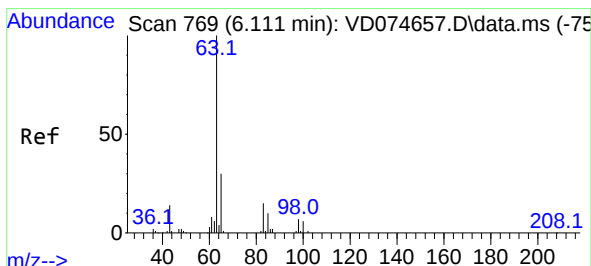
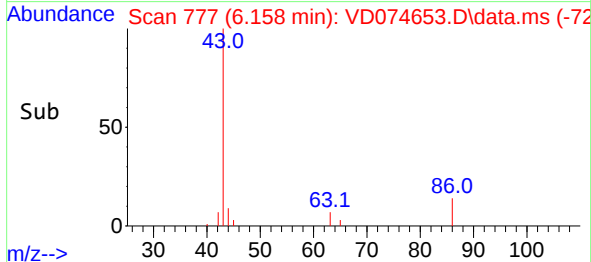
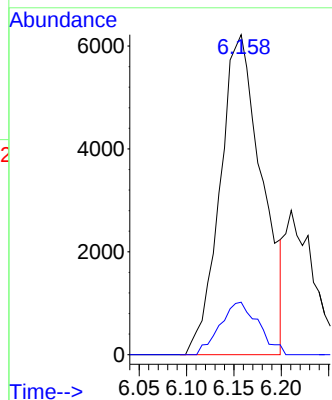
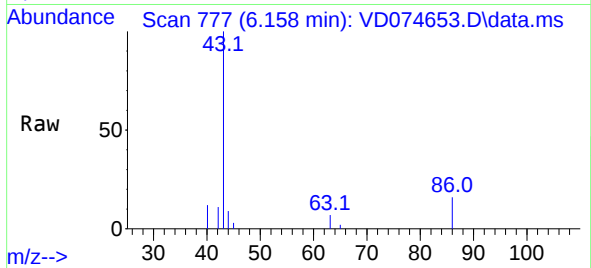




#23
 Vinyl Acetate
 Concen: 14.864 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD074653.D
 Acq: 27 Oct 2022 12:59

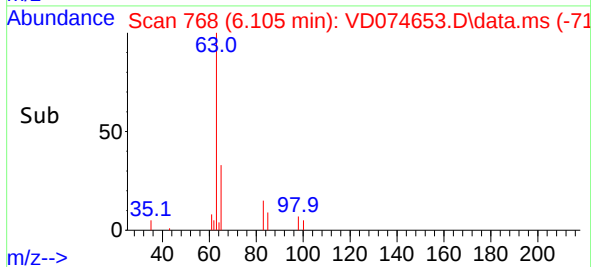
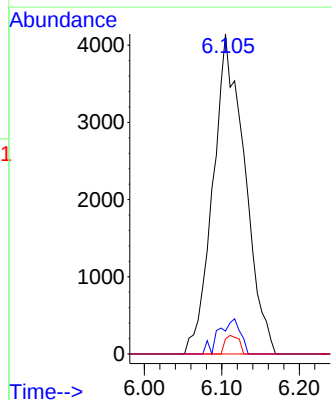
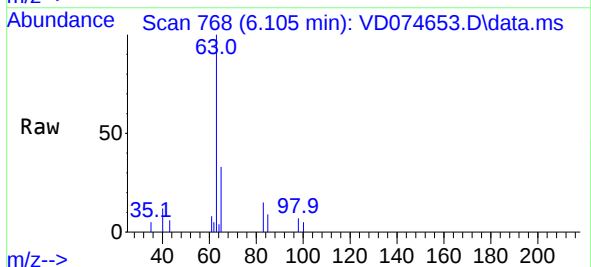
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

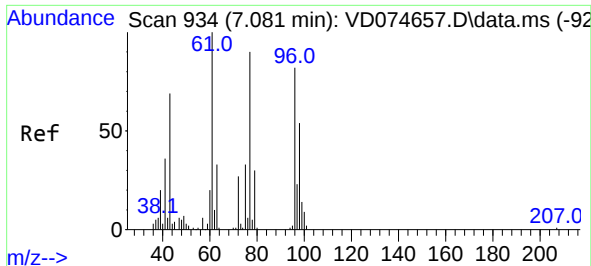
Tgt Ion: 43 Resp: 19155
 Ion Ratio Lower Upper
 43 100
 86 16.4 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 5.117 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD074653.D
 Acq: 27 Oct 2022 12:59

Tgt Ion: 63 Resp: 11786
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.6 13.8
 100 4.7 2.9 8.6

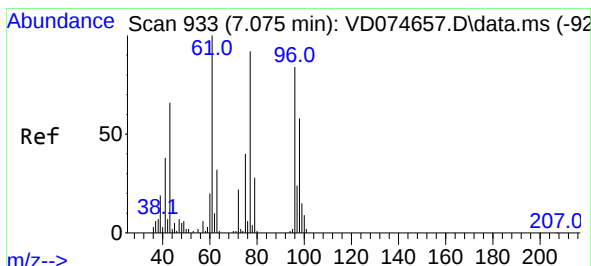
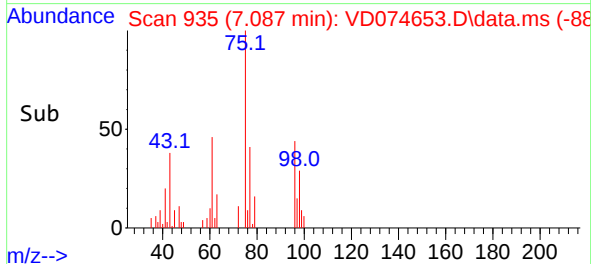
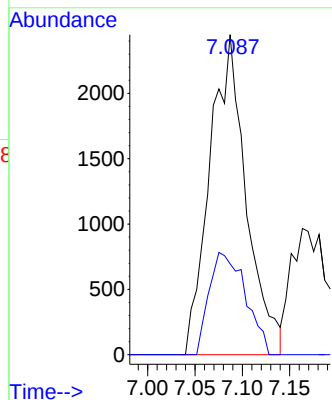
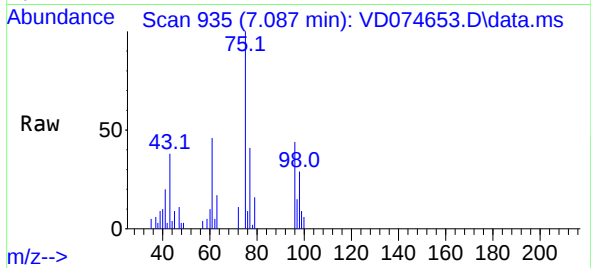




#25
2-Butanone
Concen: 23.000 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

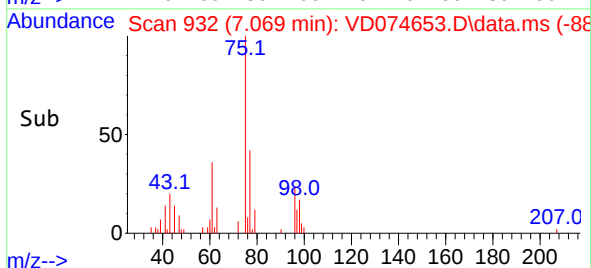
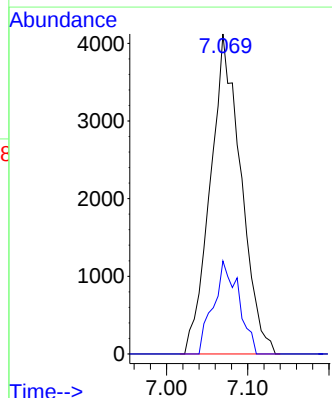
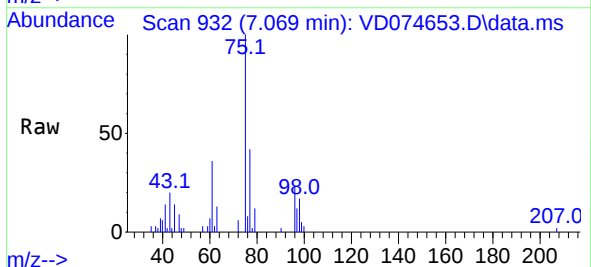
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

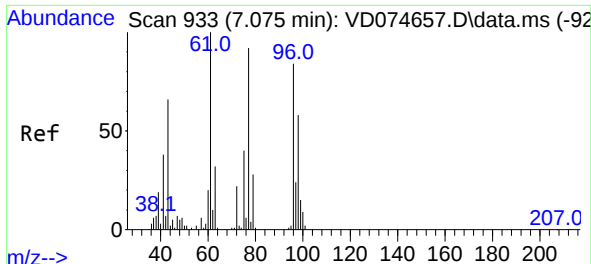
Tgt Ion: 43 Resp: 6569
Ion Ratio Lower Upper
43 100
72 28.4 25.8 38.8



#26
2,2-Dichloropropane
Concen: 4.913 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 77 Resp: 10796
Ion Ratio Lower Upper
77 100
97 24.0 12.5 37.5

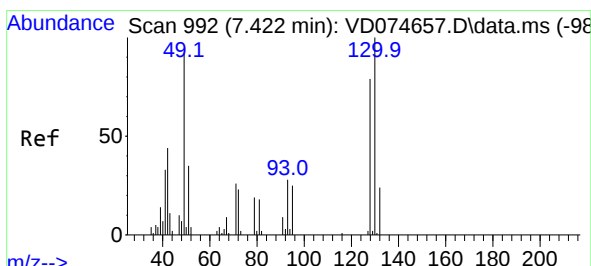
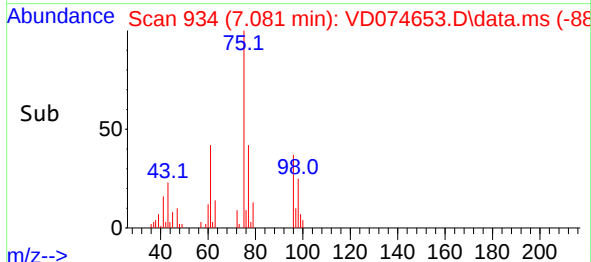
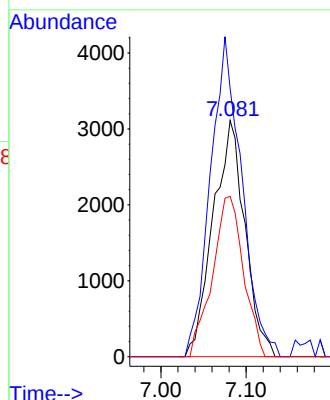
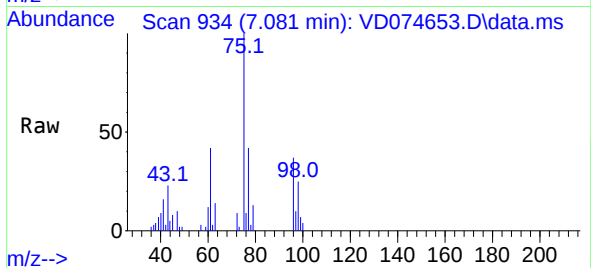




#27
cis-1,2-Dichloroethene
Concen: 4.789 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

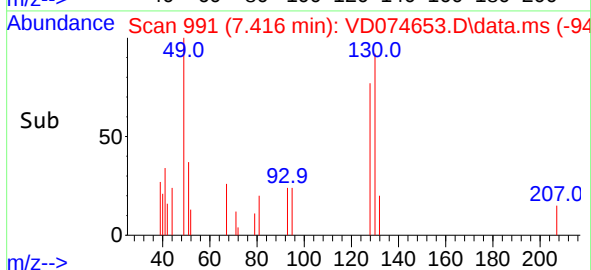
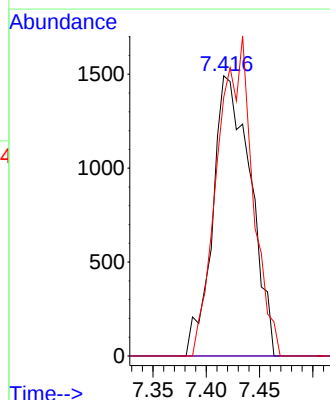
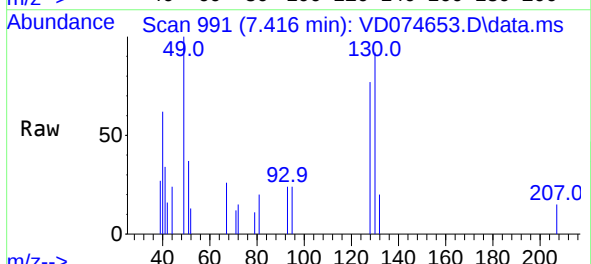
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

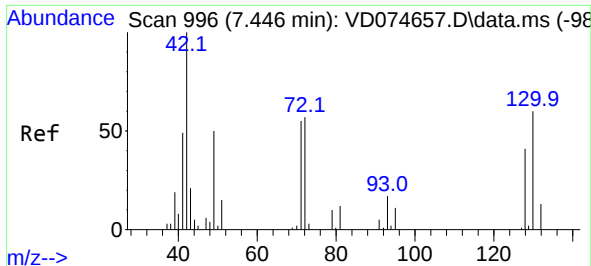
Tgt Ion: 96	Resp: 8084
Ion Ratio	Lower Upper
96 100	
61 133.0	0.0 242.4
98 65.9	0.0 130.0



#28
Bromochloromethane
Concen: 6.324 ug/l
RT: 7.416 min Scan# 991
Delta R.T. -0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 49	Resp: 3681		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	5.0	
130 105.5	84.1	126.1	

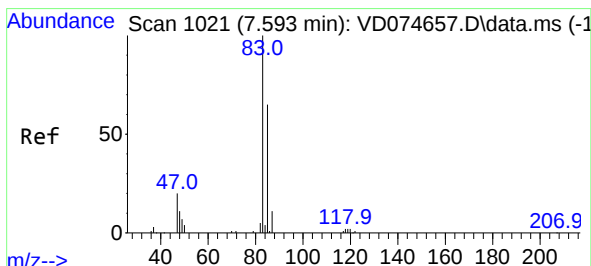
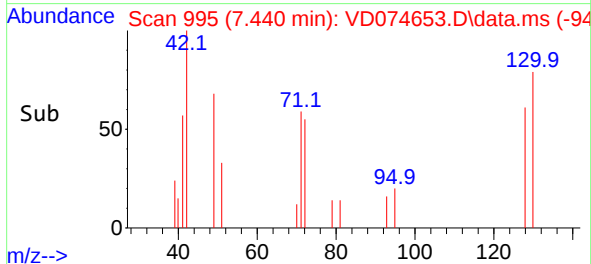
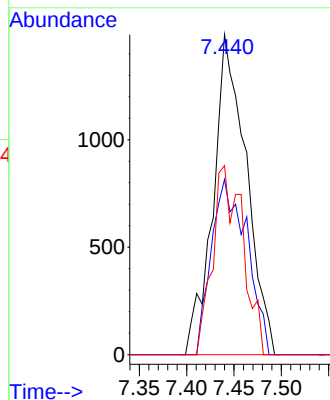
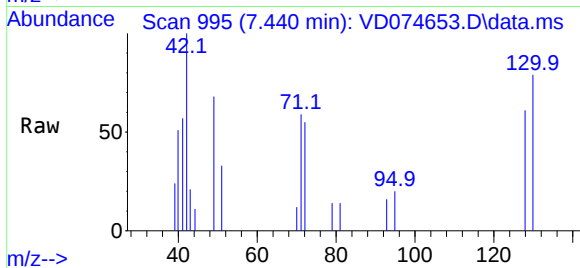




#29
Tetrahydrofuran
Concen: 23.207 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

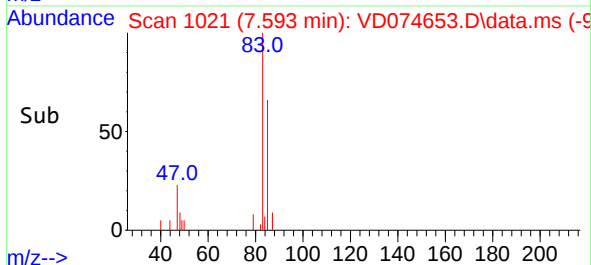
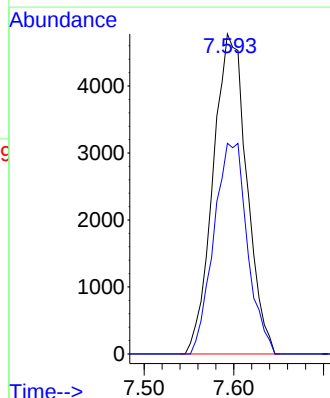
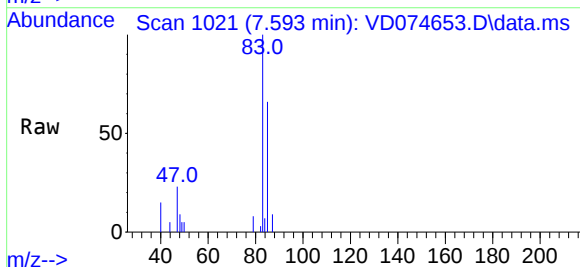
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

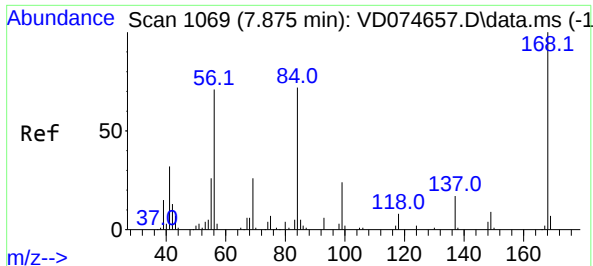
Tgt Ion: 42	Resp:	3629	
Ion	Ratio	Lower	Upper
42	100		
72	58.6	45.8	68.6
71	53.8	44.6	66.8



#30
Chloroform
Concen: 5.005 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 83	Resp:	12433	
Ion Ratio	Lower	Upper	
83 100			
85 65.8	52.0	78.0	

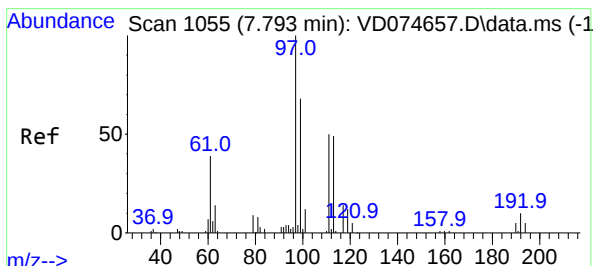
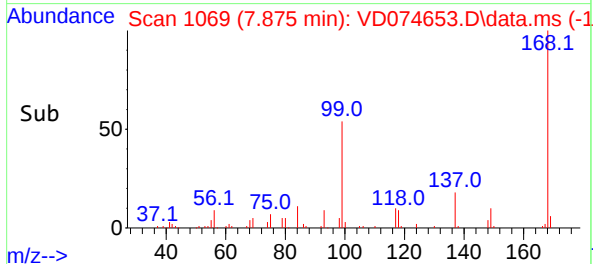
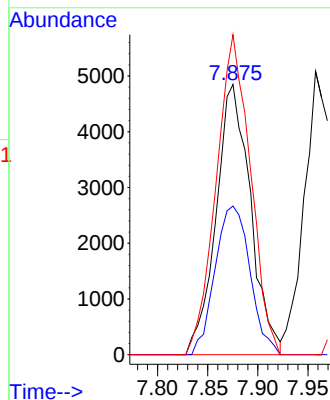
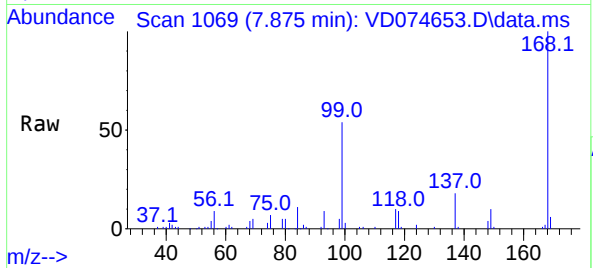




#31
Cyclohexane
Concen: 5.787 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

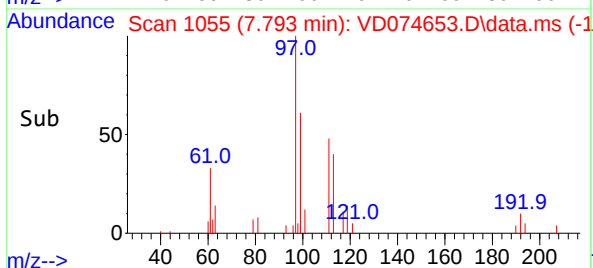
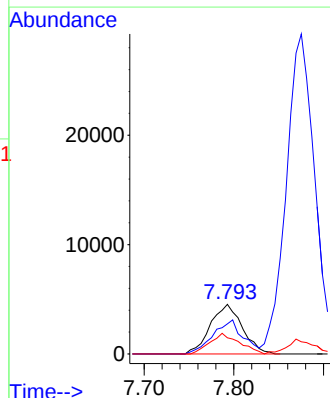
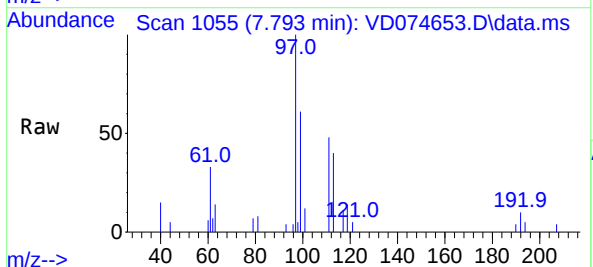
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

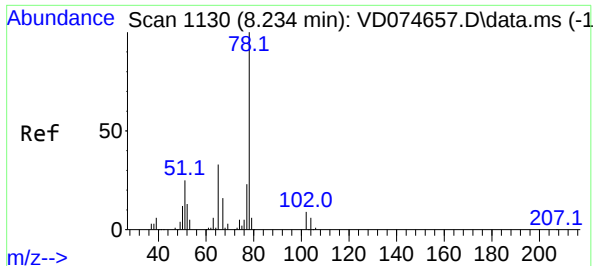
Tgt Ion: 56 Resp: 11591
Ion Ratio Lower Upper
56 100
69 55.0 29.2 43.8#
84 118.4 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 4.909 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 97 Resp: 11175
Ion Ratio Lower Upper
97 100
99 64.5 53.3 79.9
61 38.4 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 5.200 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

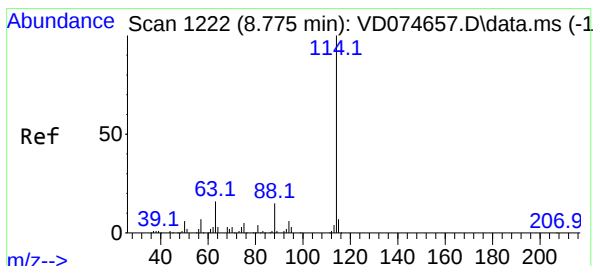
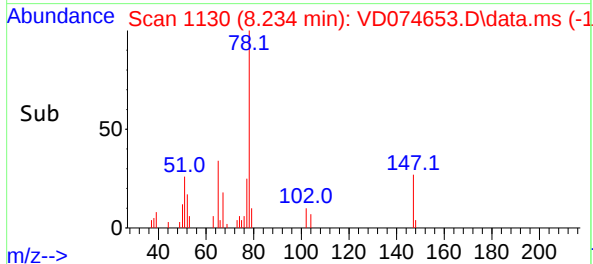
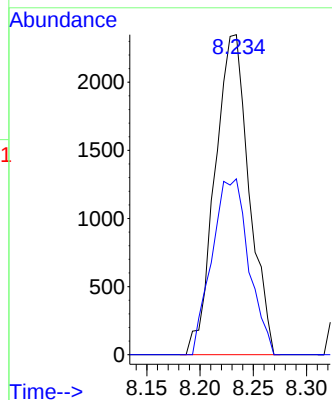
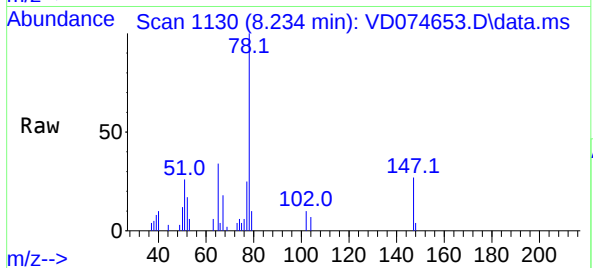
VSTDIC005

Tgt Ion: 65 Resp: 5239

Ion Ratio Lower Upper

65 100

67 59.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

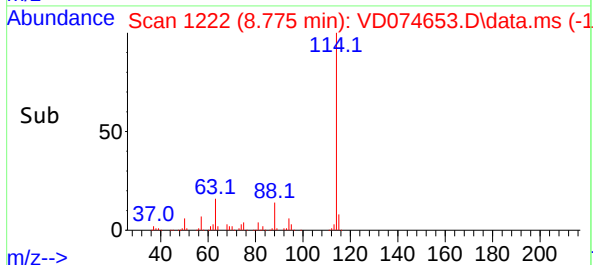
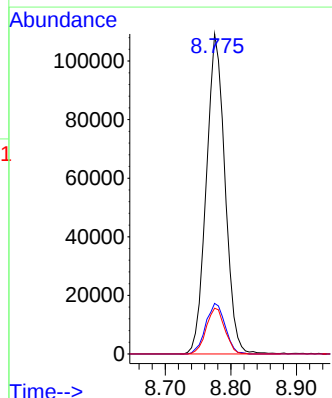
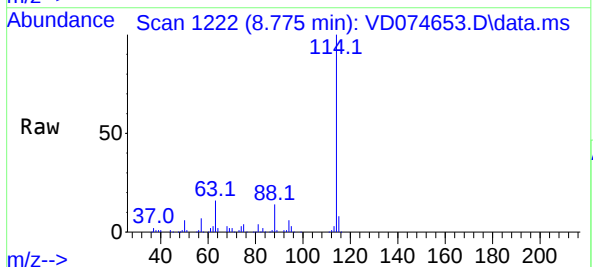
Tgt Ion: 114 Resp: 216249

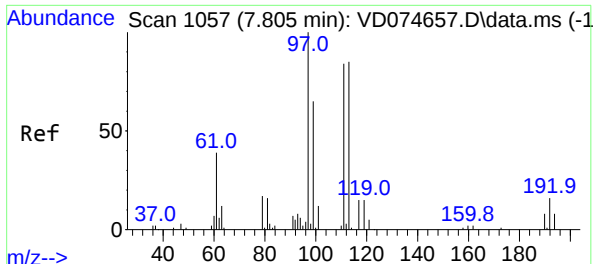
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.2

88 14.3 0.0 28.2

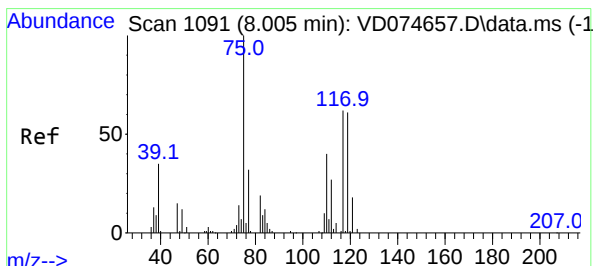
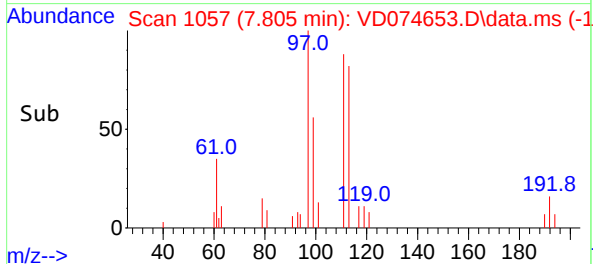
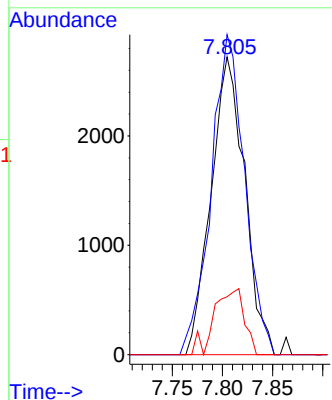
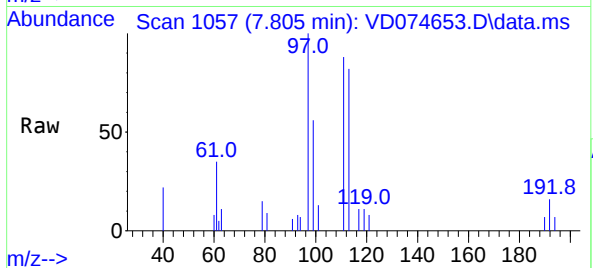




#35
Dibromofluoromethane
Concen: 4.696 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

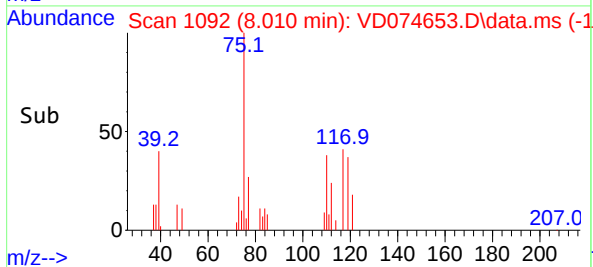
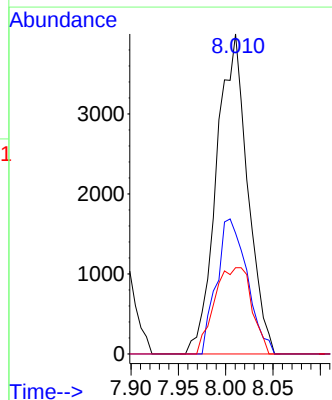
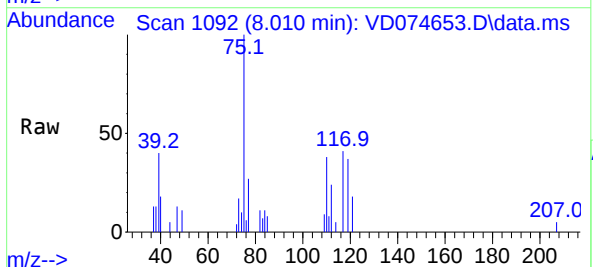
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

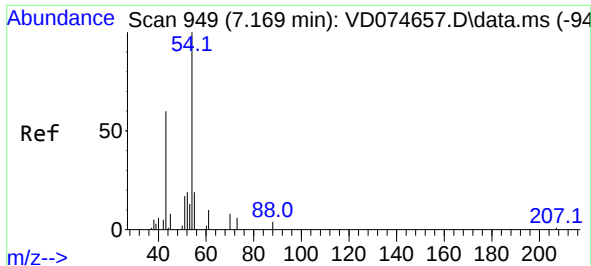
Tgt Ion:113 Resp: 6368
Ion Ratio Lower Upper
113 100
111 106.7 82.3 123.5
192 19.6 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 75 Resp: 9118
Ion Ratio Lower Upper
75 100
110 41.6 19.7 59.0
77 32.3 25.4 38.2





#37

Ethyl Acetate

Concen: 4.318 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

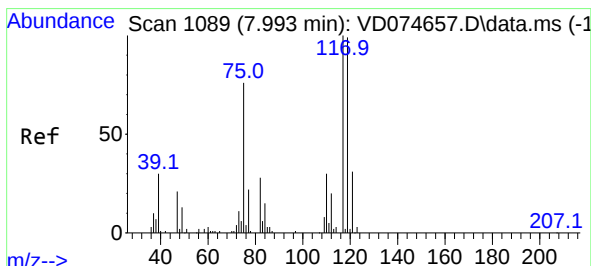
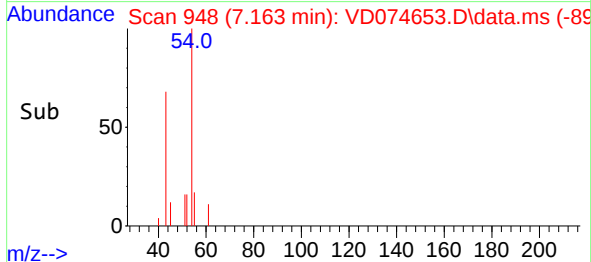
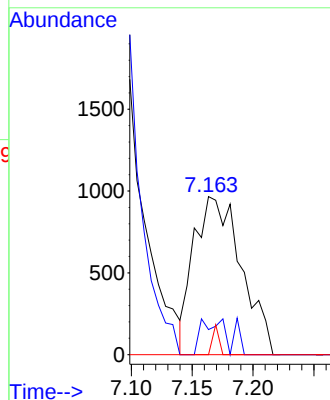
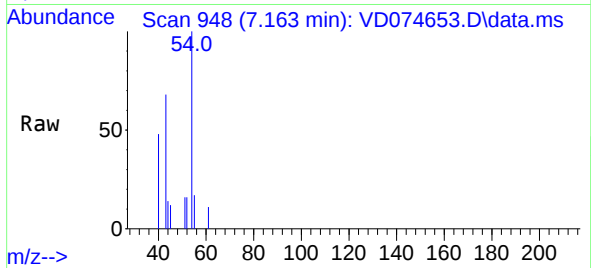
Tgt Ion: 43 Resp: 2621

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 2.5 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 4.287 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

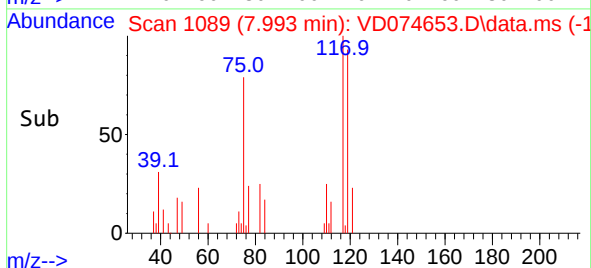
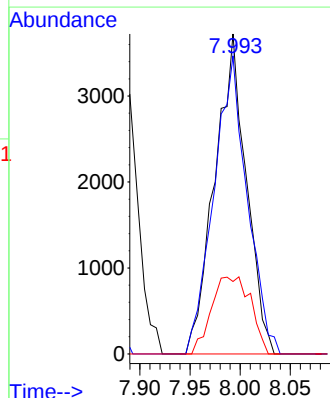
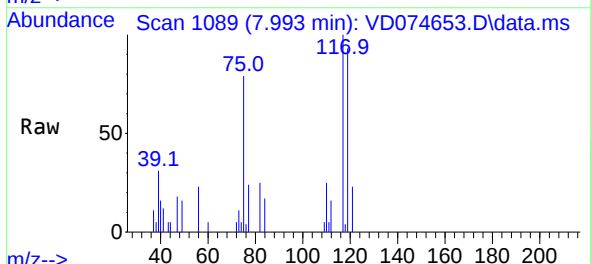
Tgt Ion: 117 Resp: 8160

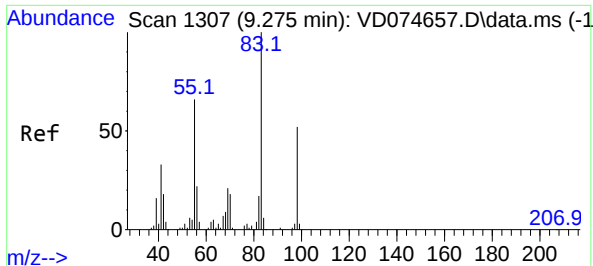
Ion Ratio Lower Upper

117 100

119 93.1 73.1 109.7

121 22.6 25.0 37.6#





#39

Methylcyclohexane

Concen: 4.686 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

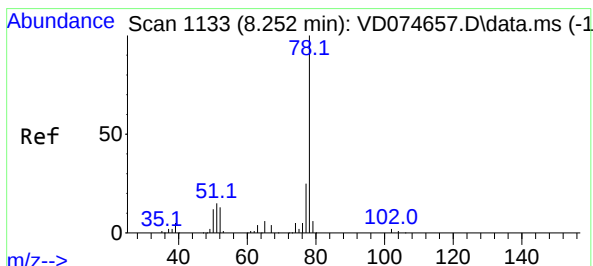
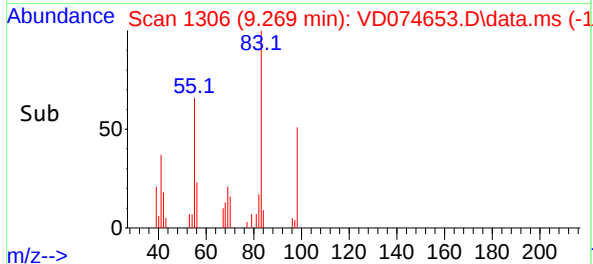
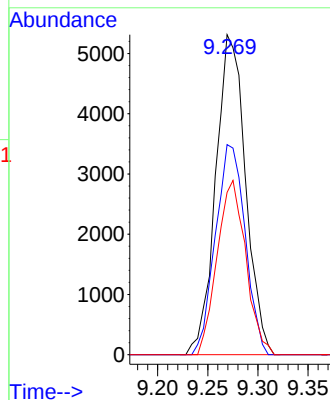
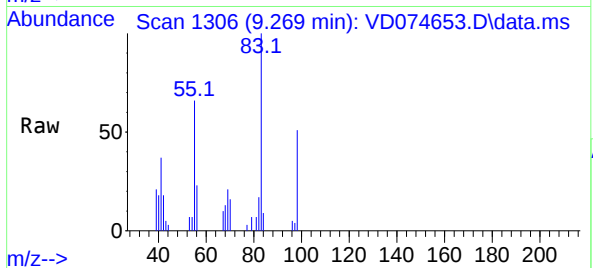
Tgt Ion: 83 Resp: 10994

Ion Ratio Lower Upper

83 100

55 65.7 49.0 73.4

98 50.7 41.7 62.5



#40

Benzene

Concen: 4.963 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD074653.D

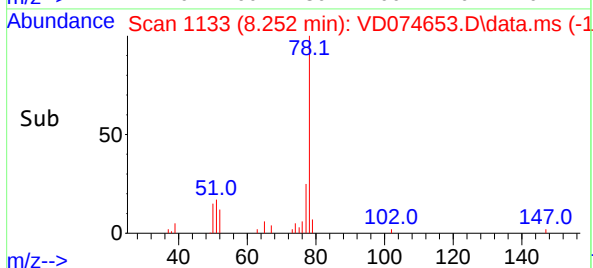
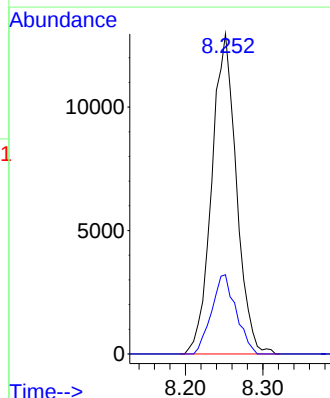
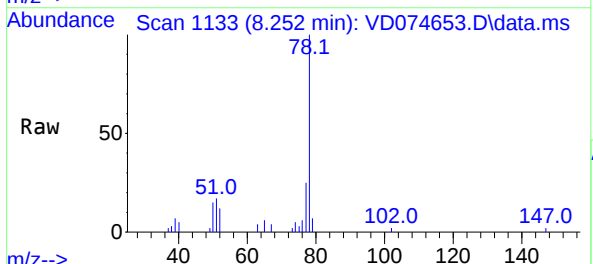
Acq: 27 Oct 2022 12:59

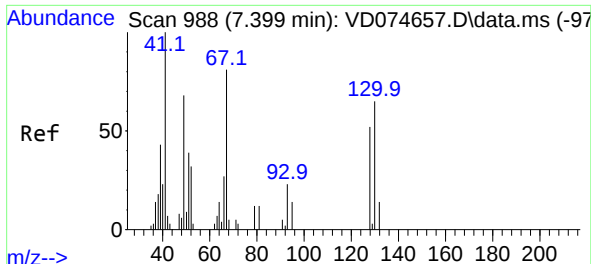
Tgt Ion: 78 Resp: 28656

Ion Ratio Lower Upper

78 100

77 24.7 20.1 30.1



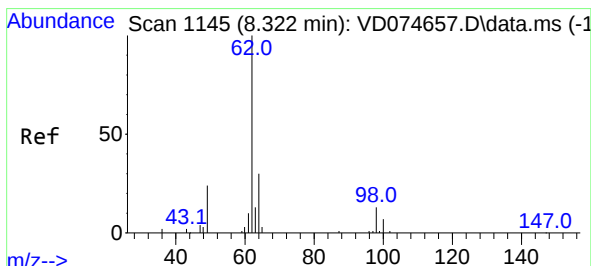
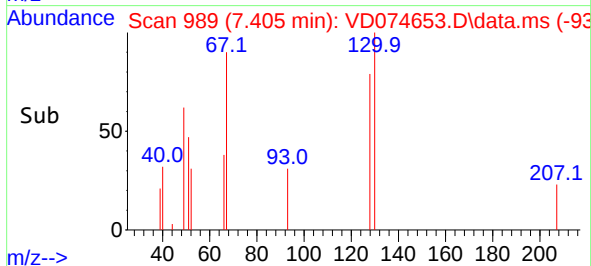
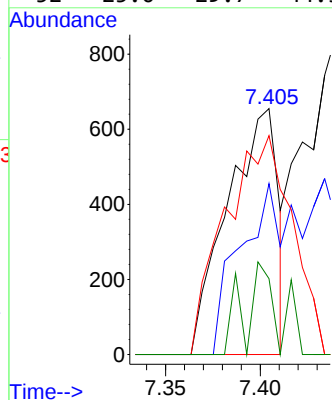
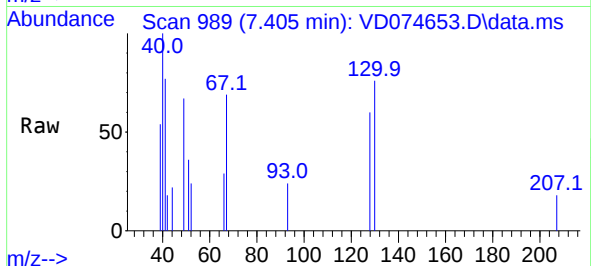


#41
Methacrylonitrile
Concen: 3.614 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 1221

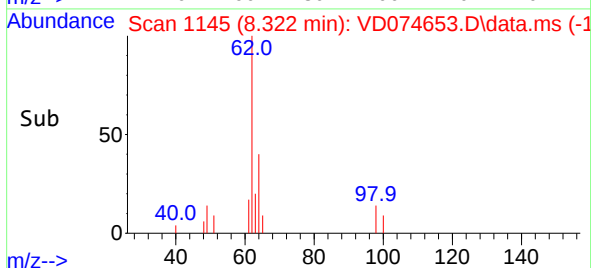
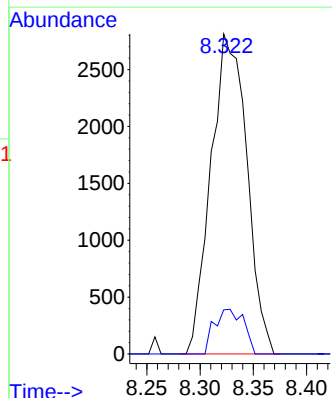
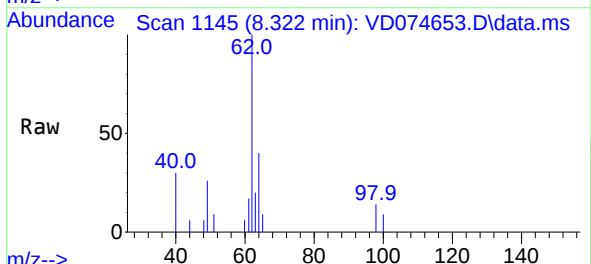
Ion	Ratio	Lower	Upper
41	100		
39	54.4	35.0	52.6#
67	117.9	77.0	115.6#
52	25.0	29.7	44.5#

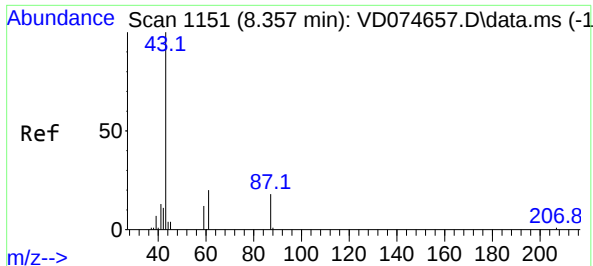


#42
1,2-Dichloroethane
Concen: 4.953 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 62 Resp: 6599

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	24.2

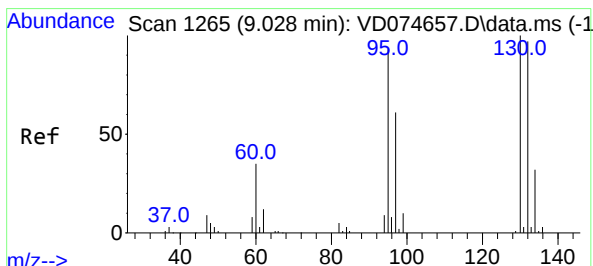
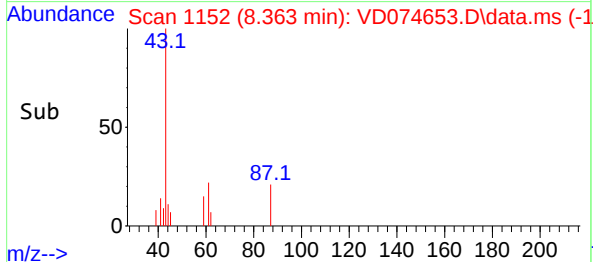
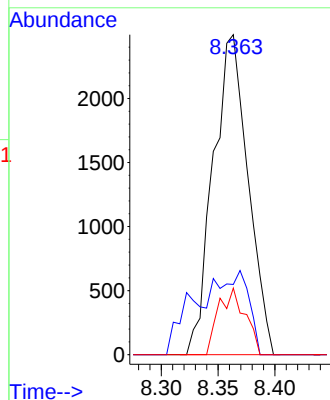
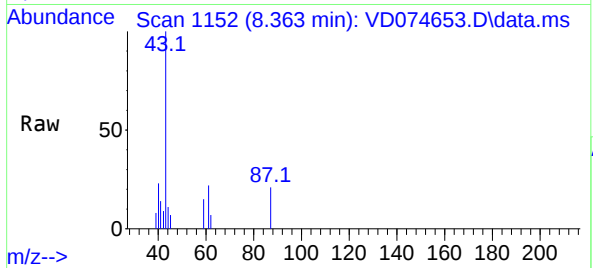




#43
Isopropyl Acetate
Concen: 4.716 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

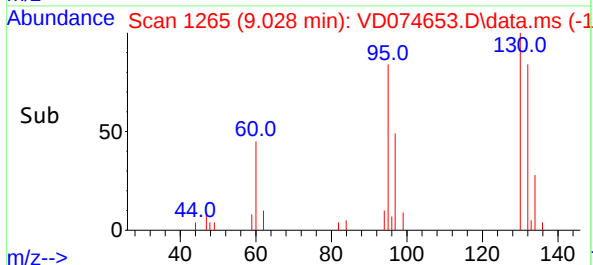
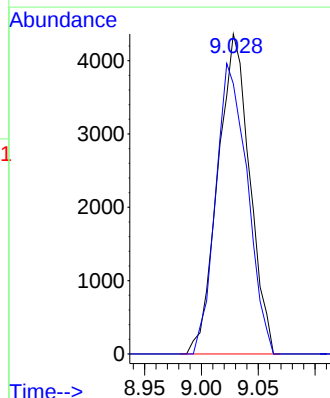
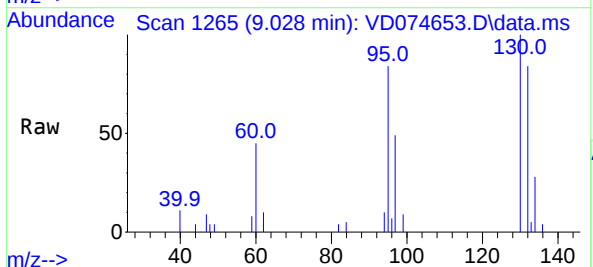
Instrument : MSVOA_D
ClientSampleId : VSTDIC005

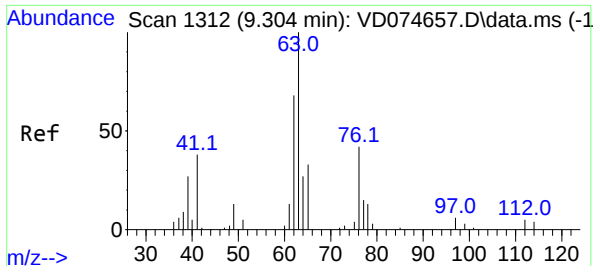
Tgt Ion: 43 Resp: 5336
Ion Ratio Lower Upper
43 100
61 24.3 30.9 46.3#
87 15.8 14.3 21.5



#44
Trichloroethene
Concen: 5.014 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion:130 Resp: 8494
Ion Ratio Lower Upper
130 100
95 84.5 0.0 185.4

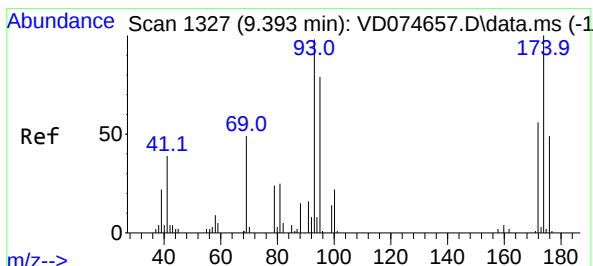
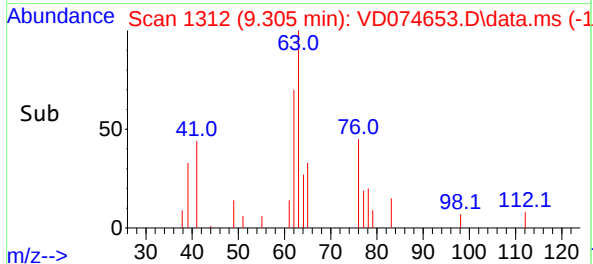
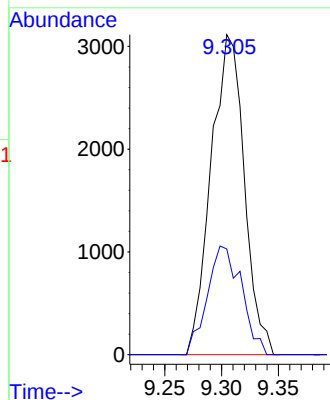
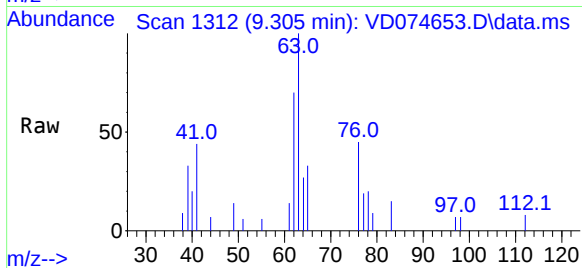




#45
1,2-Dichloropropane
Concen: 4.983 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

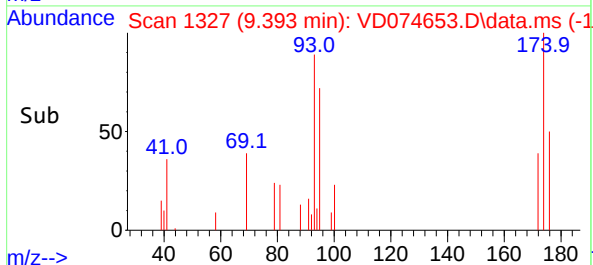
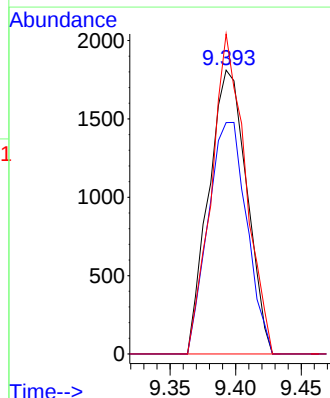
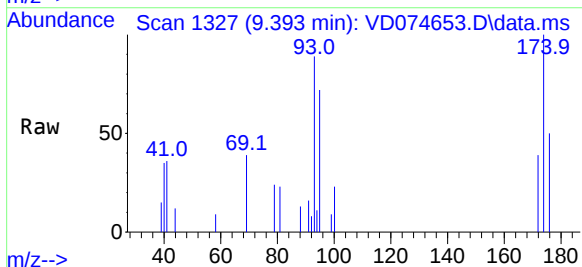
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

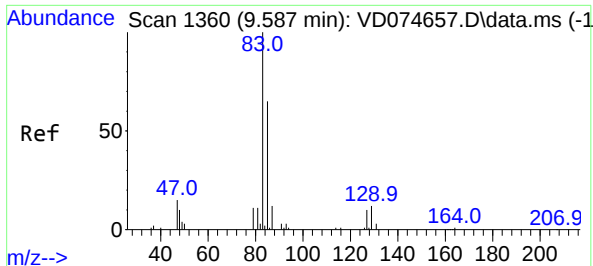
Tgt Ion: 63 Resp: 6326
Ion Ratio Lower Upper
63 100
65 33.0 23.1 34.7



#46
Dibromomethane
Concen: 5.013 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 93 Resp: 3664
Ion Ratio Lower Upper
93 100
95 82.5 68.2 102.2
174 100.5 87.4 131.0





#47

Bromodichloromethane

Concen: 4.884 ug/l

RT: 9.581 min Scan# 1360

Delta R.T. -0.006 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

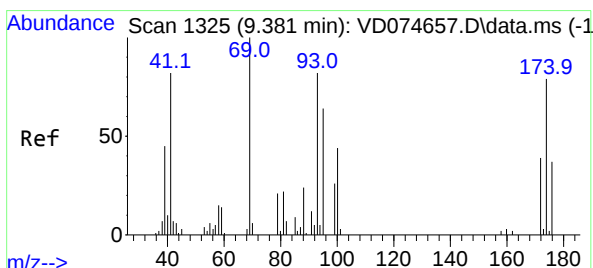
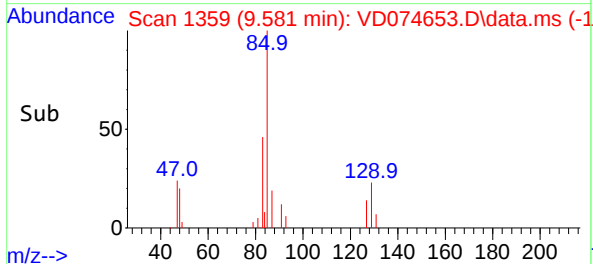
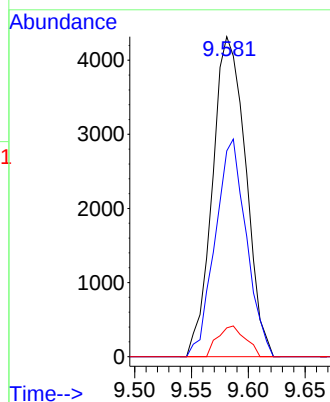
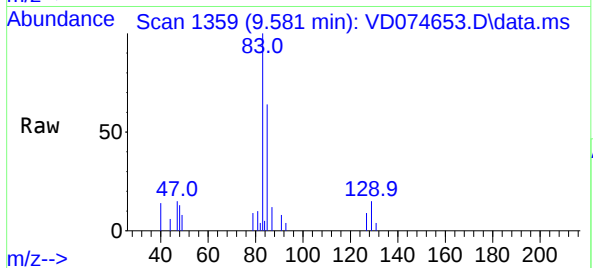
Tgt Ion: 83 Resp: 8789

Ion Ratio Lower Upper

83 100

85 64.3 48.8 73.2

127 9.0 6.7 10.1



#48

Methyl methacrylate

Concen: 4.009 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

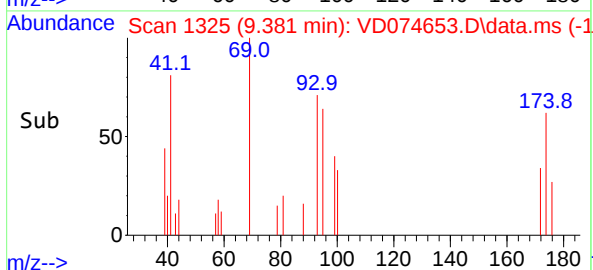
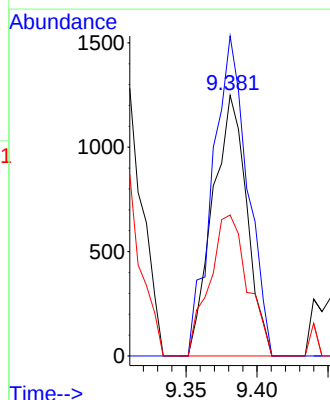
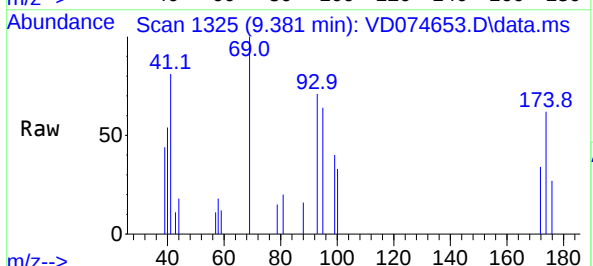
Tgt Ion: 41 Resp: 2083

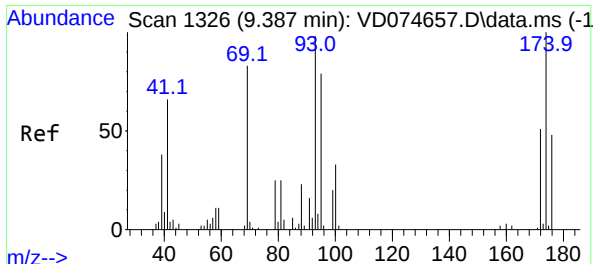
Ion Ratio Lower Upper

41 100

69 126.0 93.0 139.4

39 60.4 44.6 66.8





#49

1,4-Dioxane

Concen: 42.930 ug/l

RT: 9.369 min Scan# 11

Delta R.T. -0.018 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

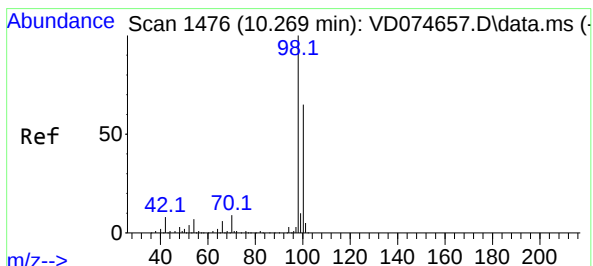
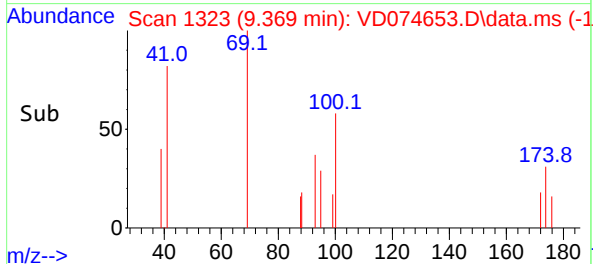
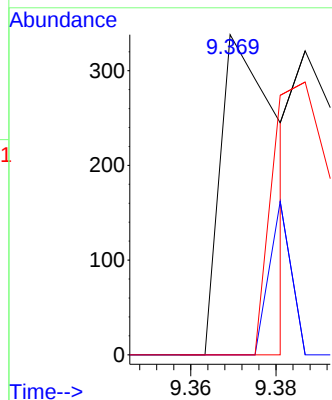
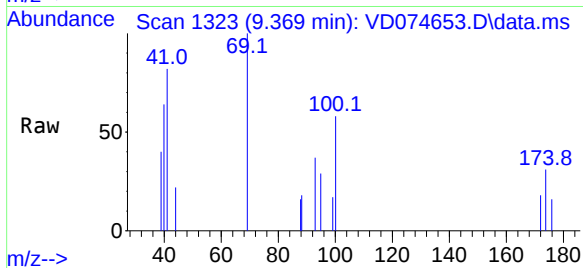
Tgt Ion: 88 Resp: 309

Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

58 85.4 43.1 64.7#



#50

Toluene-d8

Concen: 5.814 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074653.D

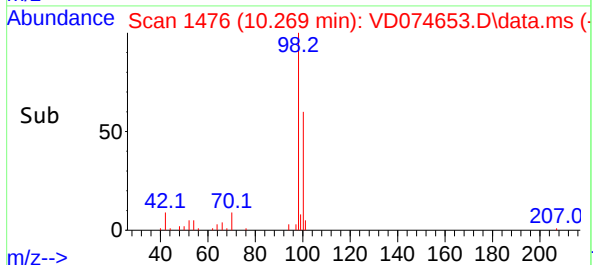
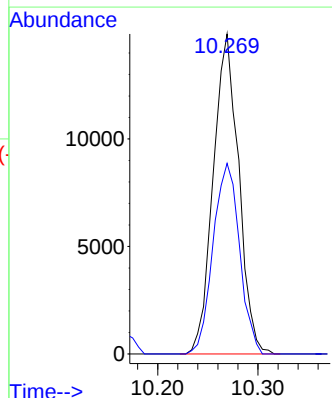
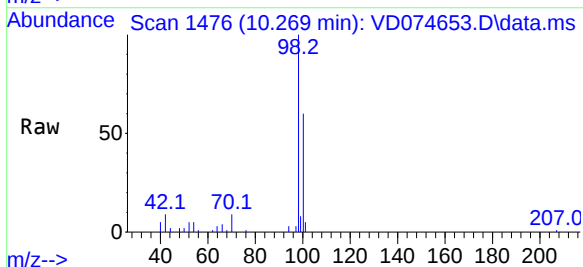
Acq: 27 Oct 2022 12:59

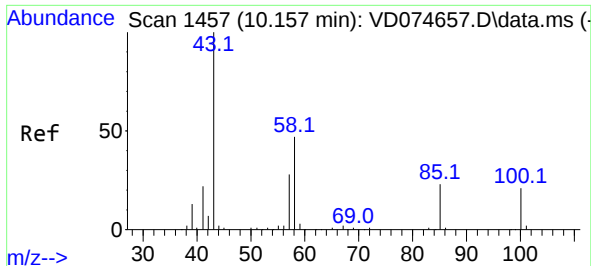
Tgt Ion: 98 Resp: 26224

Ion Ratio Lower Upper

98 100

100 61.9 51.4 77.0

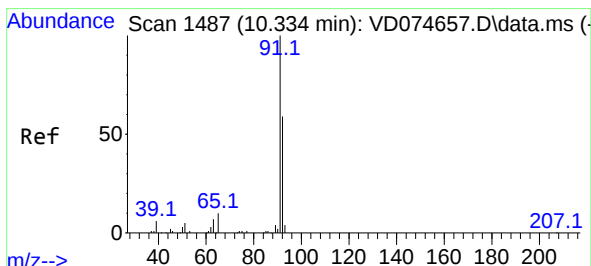
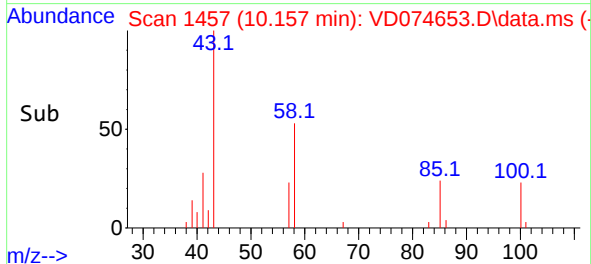
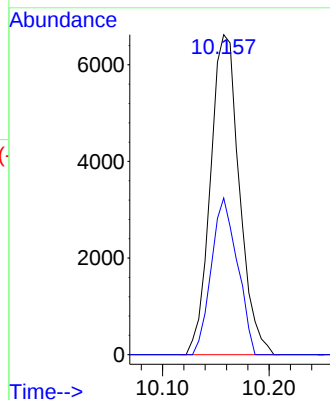
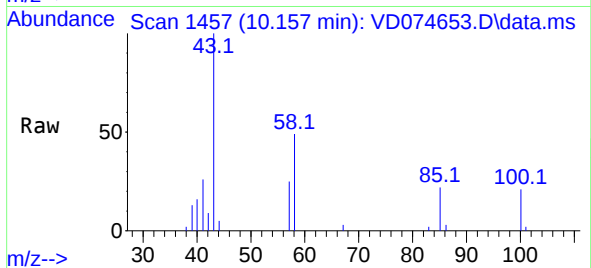




#51
4-Methyl-2-Pentanone
Concen: 22.152 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

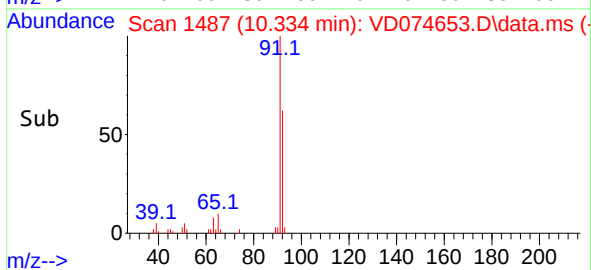
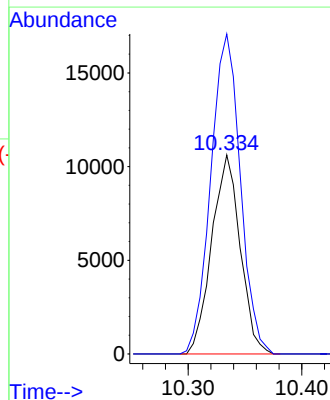
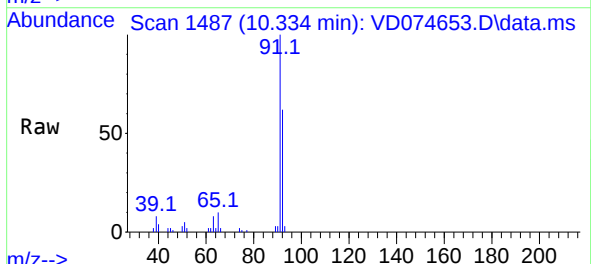
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

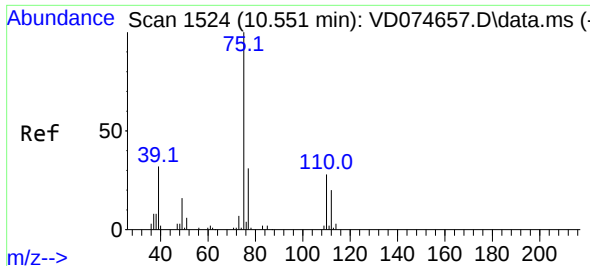
Tgt Ion: 43 Resp: 12494
Ion Ratio Lower Upper
43 100
58 44.0 37.8 56.6



#52
Toluene
Concen: 5.165 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 92 Resp: 18474
Ion Ratio Lower Upper
92 100
91 167.2 139.0 208.4

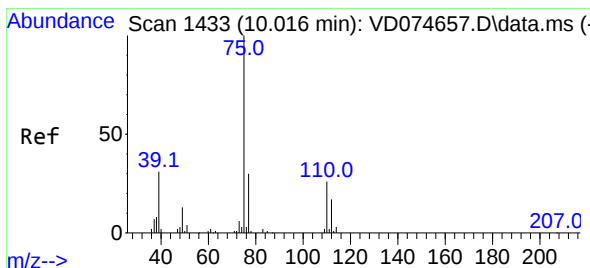
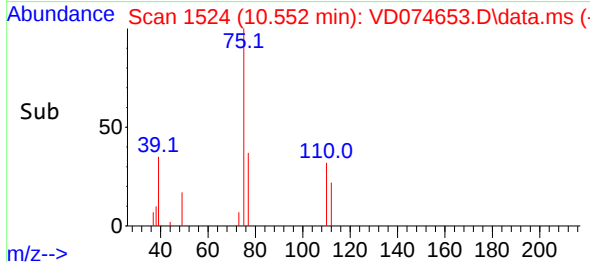
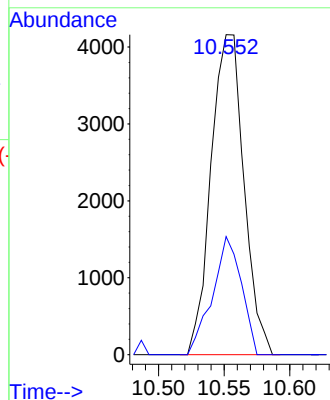
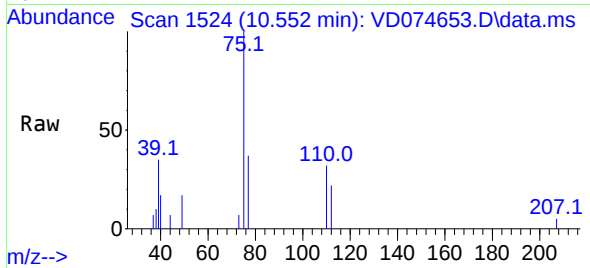




#53
 t-1,3-Dichloropropene
 Concen: 4.574 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD074653.D
 Acq: 27 Oct 2022 12:59

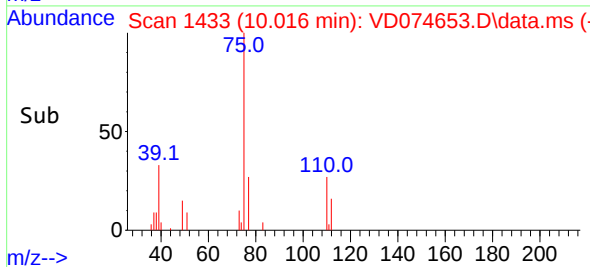
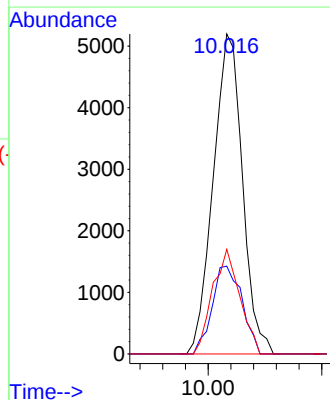
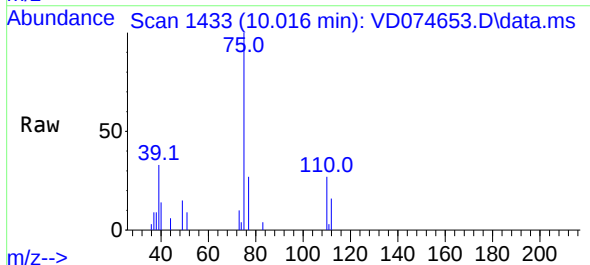
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

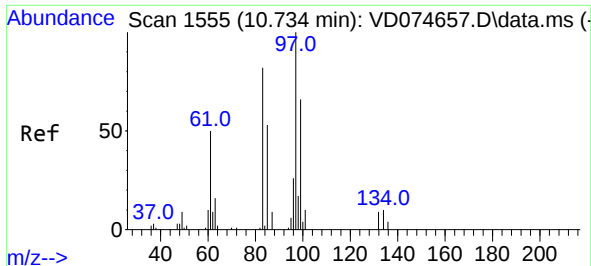
Tgt Ion: 75 Resp: 7255
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.615 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074653.D
 Acq: 27 Oct 2022 12:59

Tgt Ion: 75 Resp: 9267
 Ion Ratio Lower Upper
 75 100
 77 27.4 24.7 37.1
 39 32.7 25.4 38.2



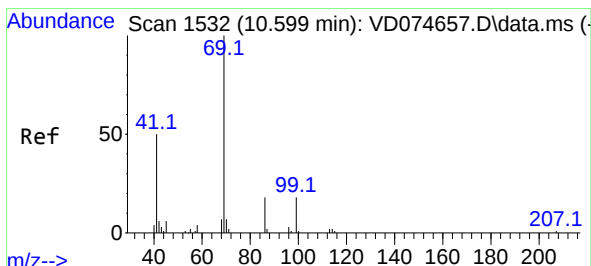
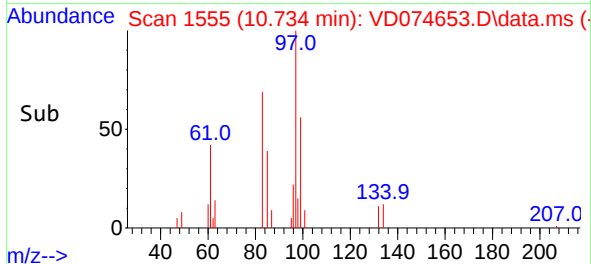
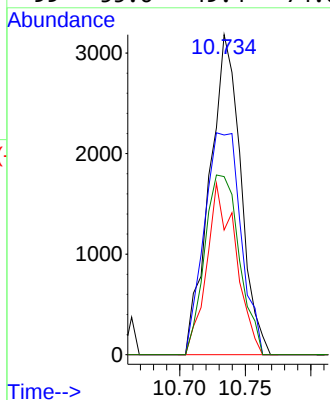
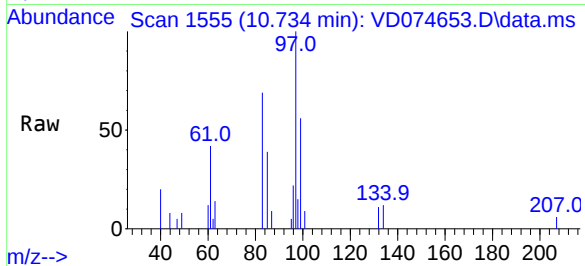


#55
1,1,2-Trichloroethane
Concen: 5.239 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 97 Resp: 5255

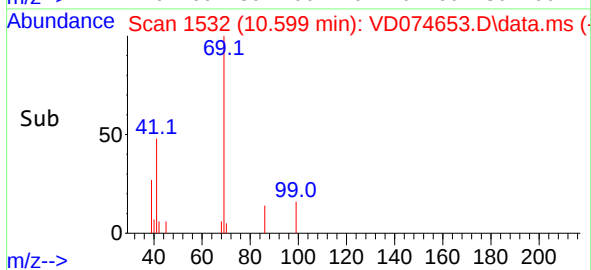
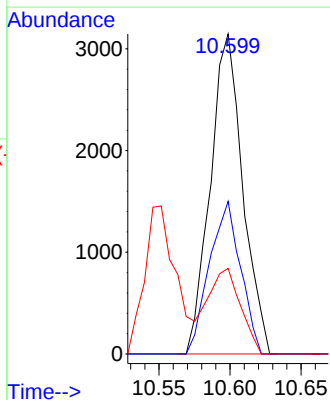
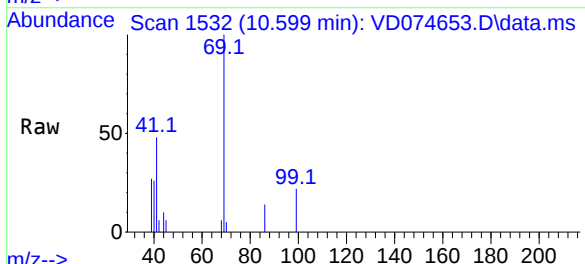
Ion	Ratio	Lower	Upper
97	100		
83	68.7	64.8	97.2
85	39.0	44.8	67.2#
99	55.6	49.4	74.0

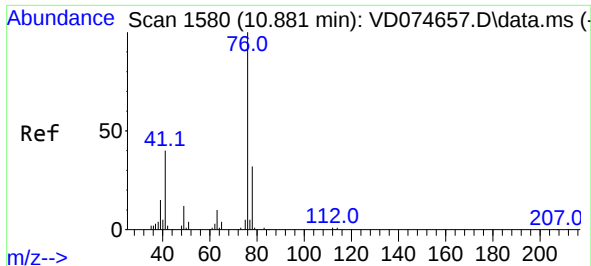


#56
Ethyl methacrylate
Concen: 4.563 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 69 Resp: 4993

Ion	Ratio	Lower	Upper
69	100		
41	45.9	38.6	58.0
39	27.0	19.9	29.9





#57

1,3-Dichloropropane

Concen: 4.698 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

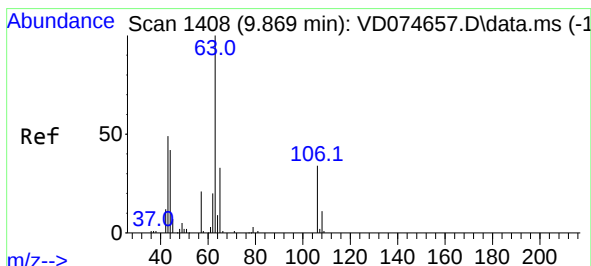
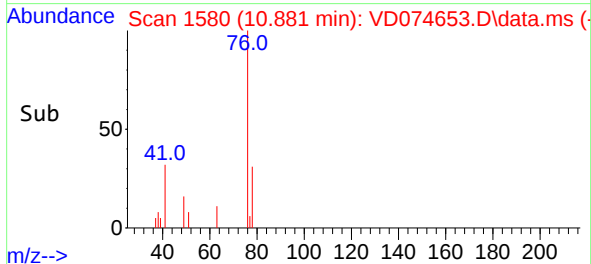
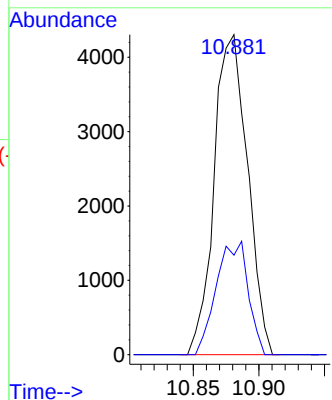
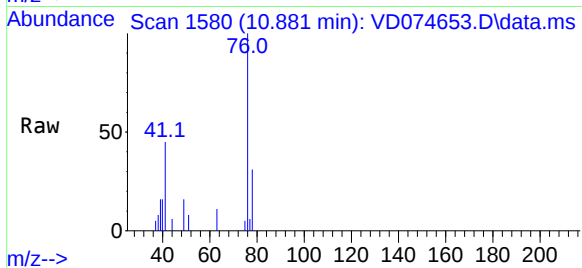
VSTDIC005

Tgt Ion: 76 Resp: 7629

Ion Ratio Lower Upper

76 100

78 33.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 15.421 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074653.D

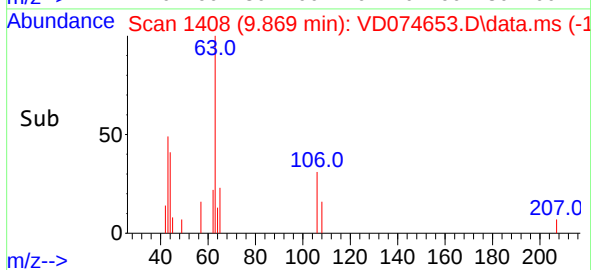
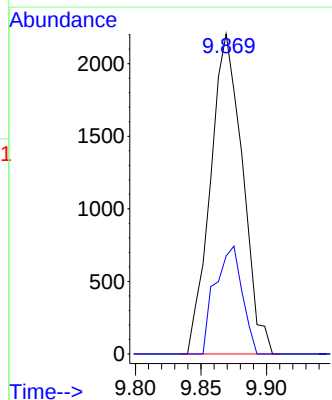
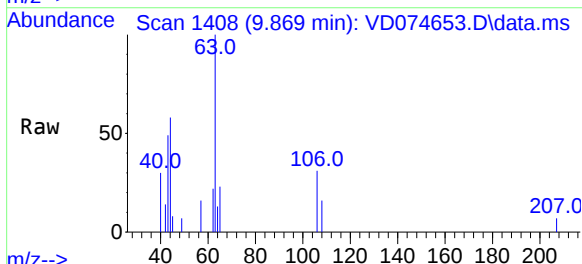
Acq: 27 Oct 2022 12:59

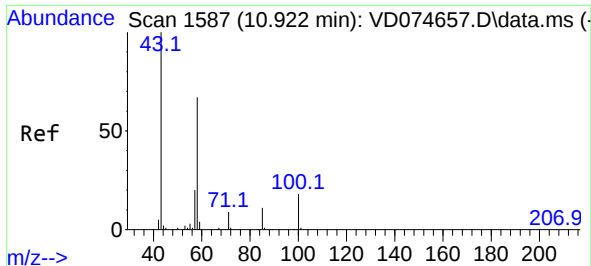
Tgt Ion: 63 Resp: 3761

Ion Ratio Lower Upper

63 100

106 28.2 26.5 39.7

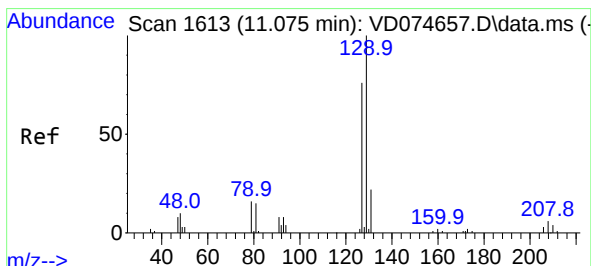
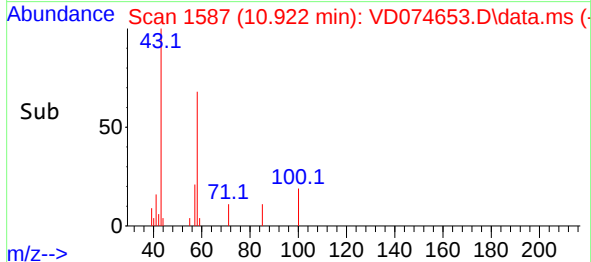
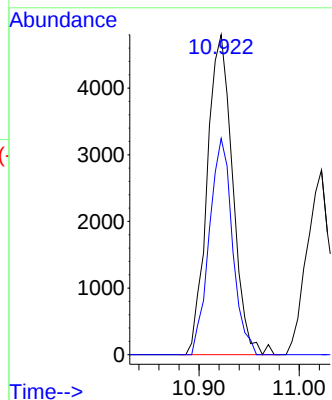
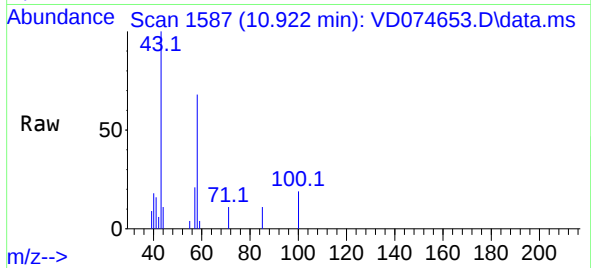




#59
2-Hexanone
Concen: 21.917 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

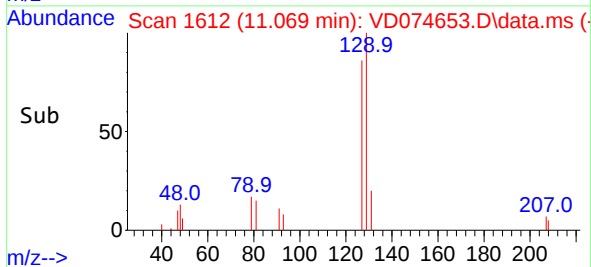
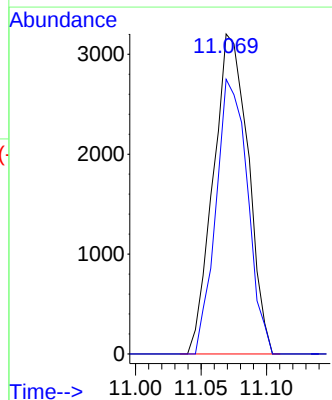
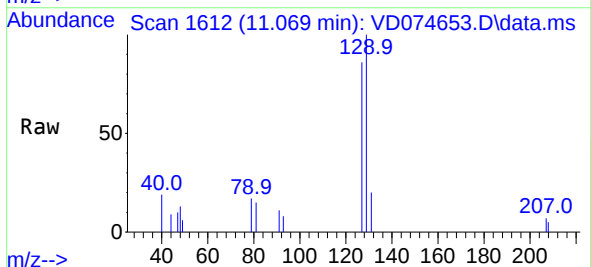
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

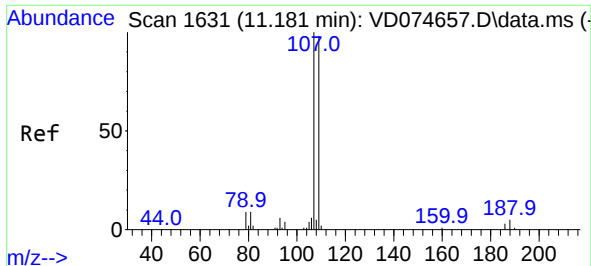
Tgt Ion: 43 Resp: 8485
Ion Ratio Lower Upper
43 100
58 61.4 32.0 96.2



#60
Dibromochloromethane
Concen: 4.894 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 129 Resp: 5925
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2

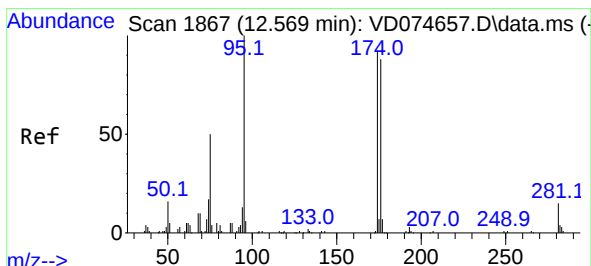
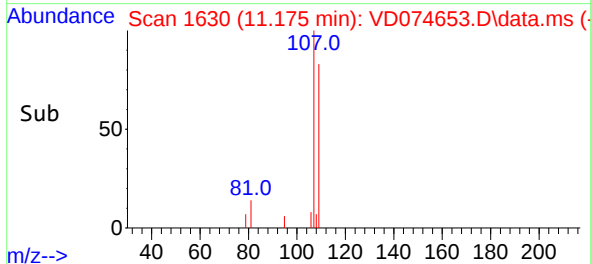
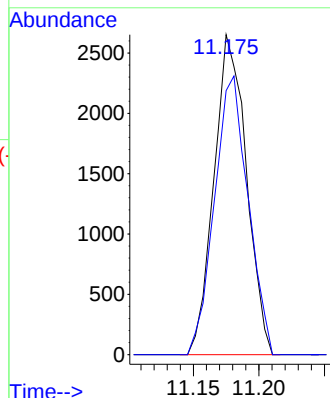
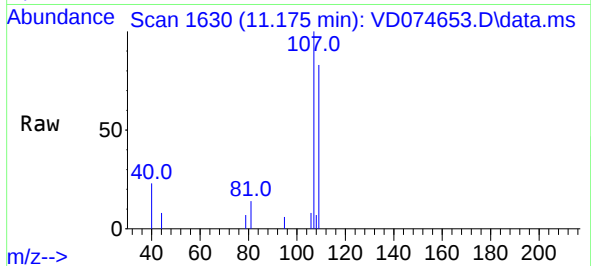




#61
1,2-Dibromoethane
Concen: 4.948 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

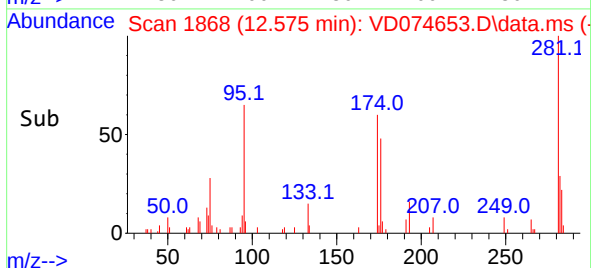
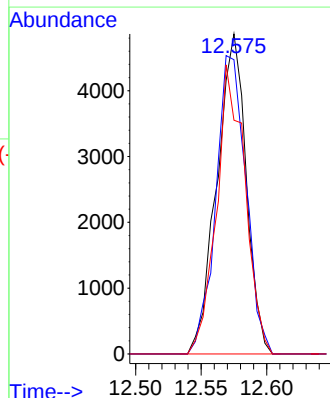
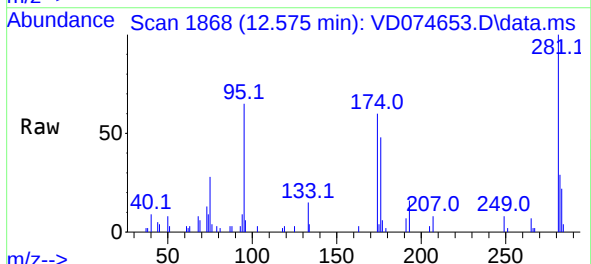
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

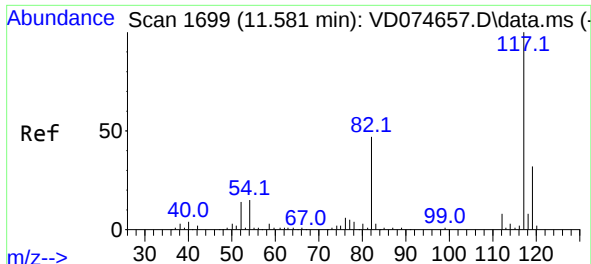
Tgt Ion:107 Resp: 4554
Ion Ratio Lower Upper
107 100
109 90.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 5.124 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 95 Resp: 7554
Ion Ratio Lower Upper
95 100
174 95.8 0.0 197.0
176 87.7 0.0 182.6

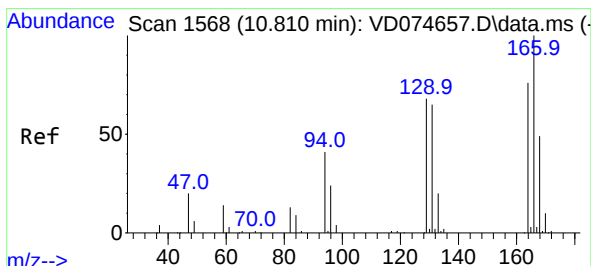
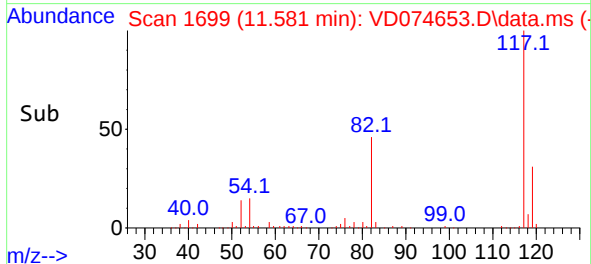
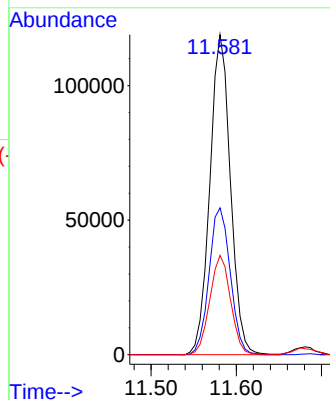
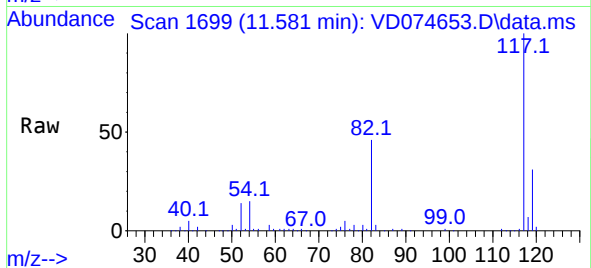




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

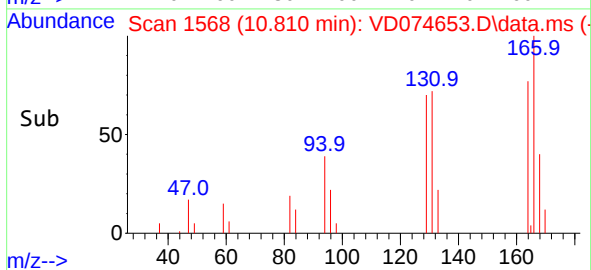
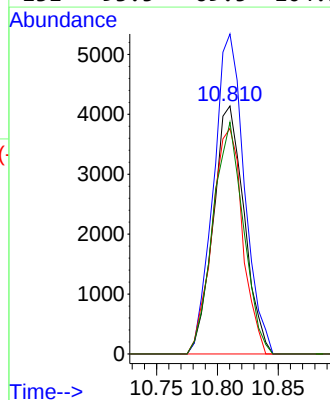
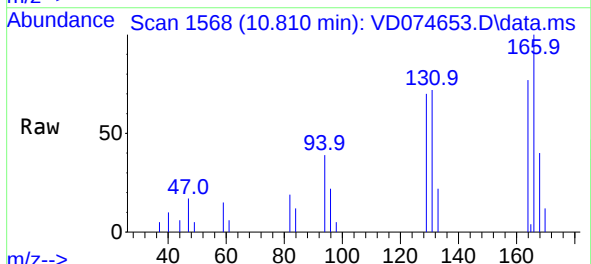
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

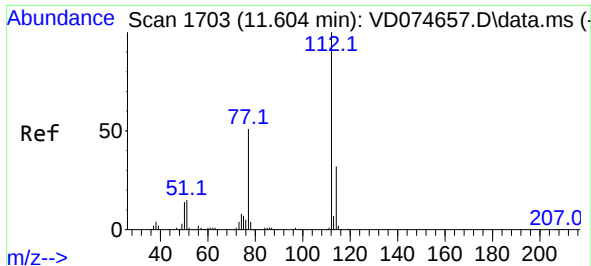
Tgt Ion:117 Resp: 199541
Ion Ratio Lower Upper
117 100
82 45.9 41.6 62.4
119 31.0 25.2 37.8



#64
Tetrachloroethene
Concen: 4.944 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion:164 Resp: 7298
Ion Ratio Lower Upper
164 100
166 129.0 107.8 161.8
129 90.9 77.4 116.2
131 93.5 69.5 104.3

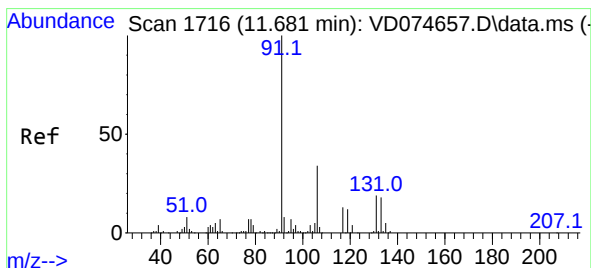
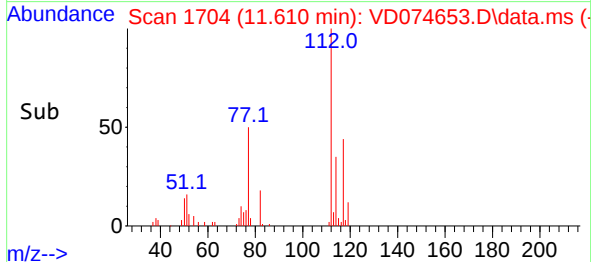
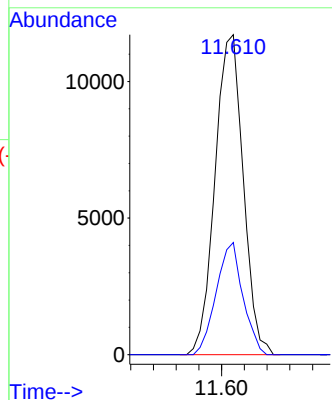
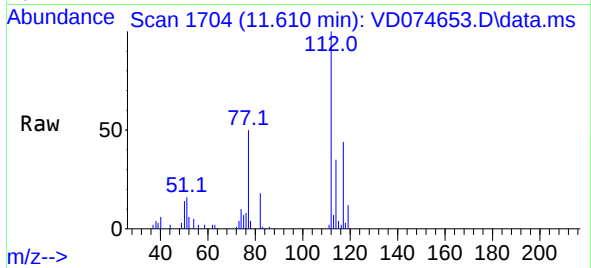




#65
Chlorobenzene
Concen: 4.824 ug/l
RT: 11.610 min Scan# 1715
Delta R.T. 0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

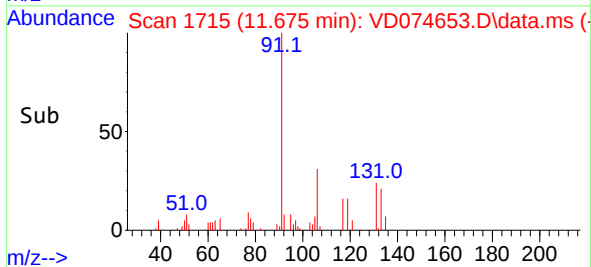
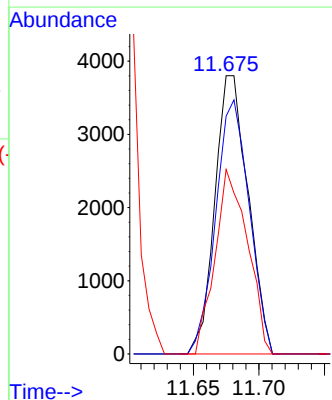
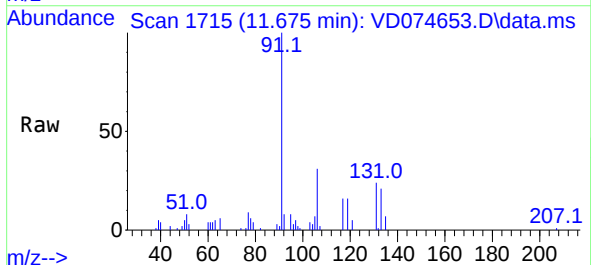
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

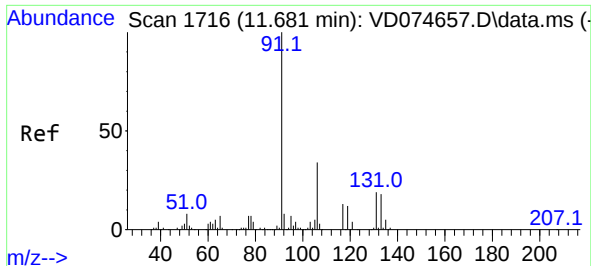
Tgt Ion:112 Resp: 20205
Ion Ratio Lower Upper
112 100
114 35.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.676 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion:131 Resp: 6702
Ion Ratio Lower Upper
131 100
133 91.8 46.6 139.8
119 65.0 32.5 97.4





#67

Ethyl Benzene

Concen: 4.636 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

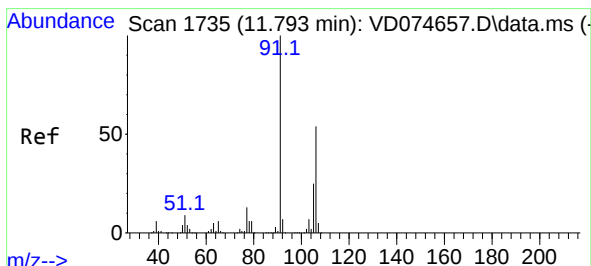
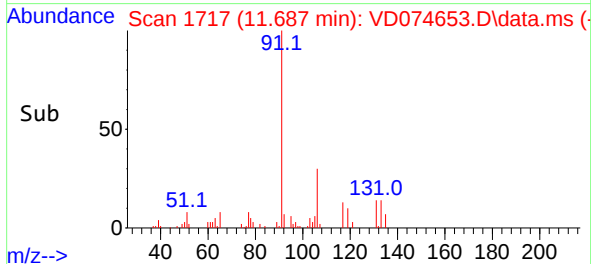
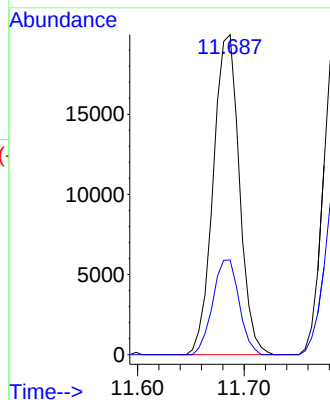
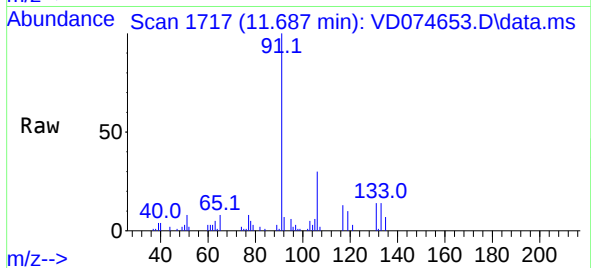
VSTDIC005

Tgt Ion: 91 Resp: 33959

Ion Ratio Lower Upper

91 100

106 29.6 26.6 40.0



#68

m/p-Xylenes

Concen: 9.027 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD074653.D

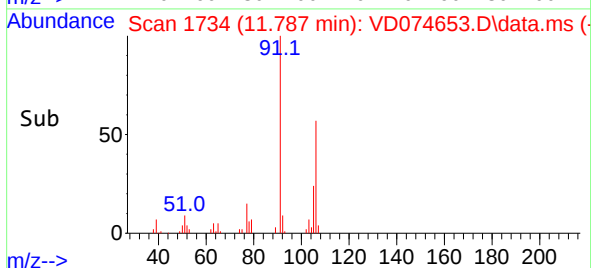
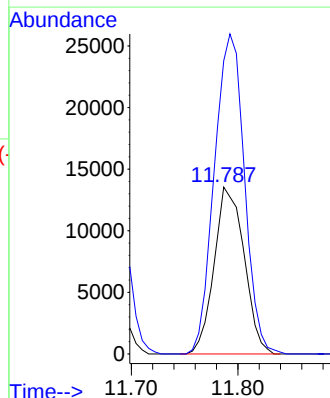
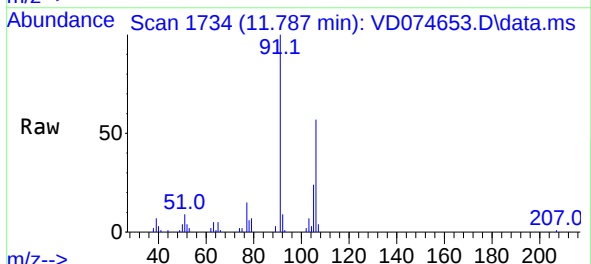
Acq: 27 Oct 2022 12:59

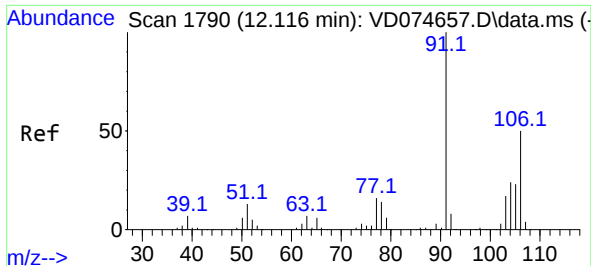
Tgt Ion: 106 Resp: 26463

Ion Ratio Lower Upper

106 100

91 192.4 156.2 234.4

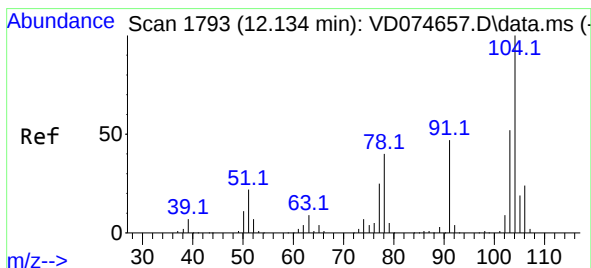
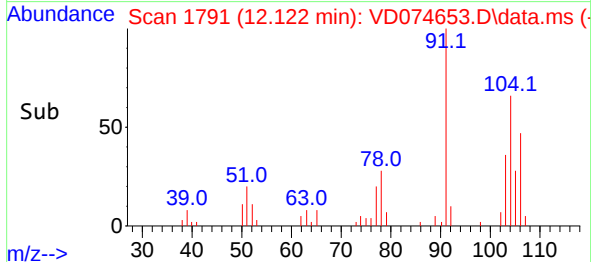
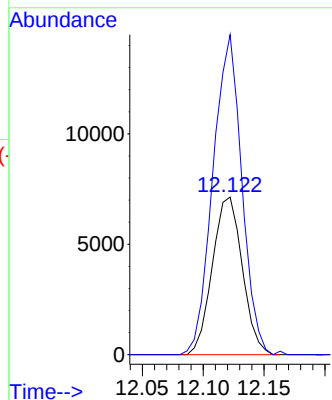
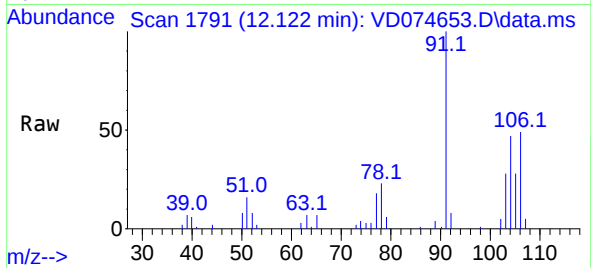




#69
o-Xylene
Concen: 4.536 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

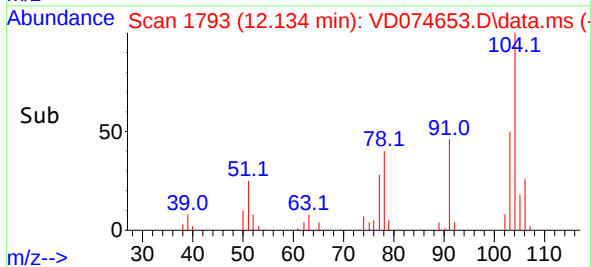
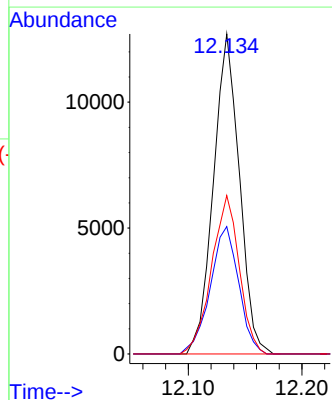
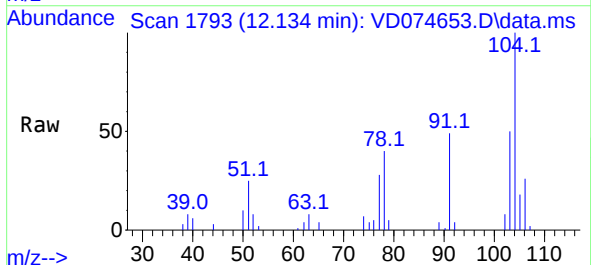
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

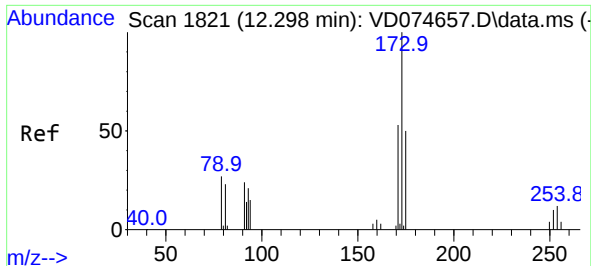
Tgt Ion:106 Resp: 12222
Ion Ratio Lower Upper
106 100
91 195.9 104.5 313.3



#70
Styrene
Concen: 4.451 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion:104 Resp: 20174
Ion Ratio Lower Upper
104 100
78 43.7 35.7 53.5
103 52.8 43.7 65.5

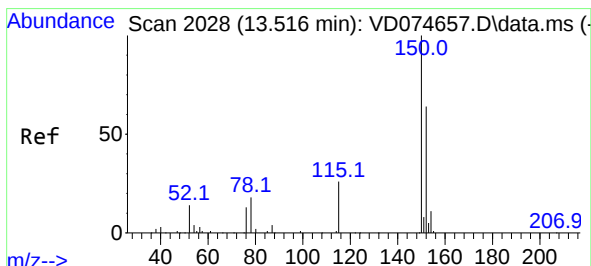
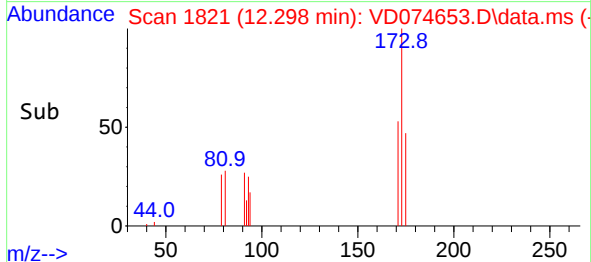
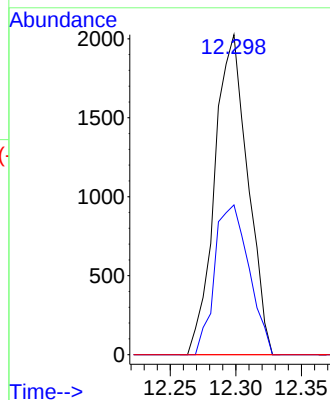
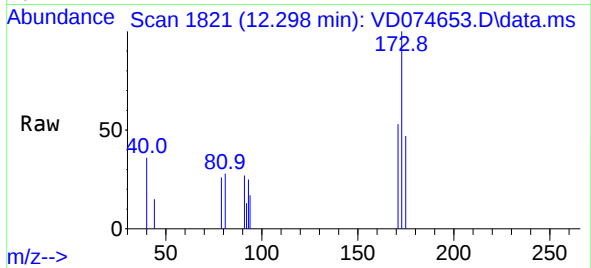




#71
Bromoform
Concen: 4.745 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

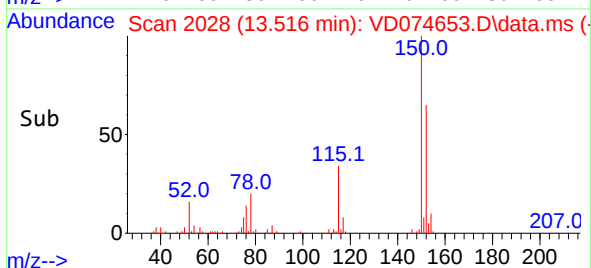
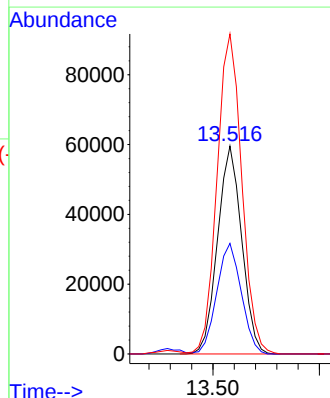
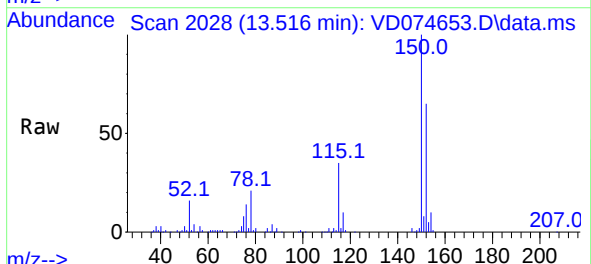
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

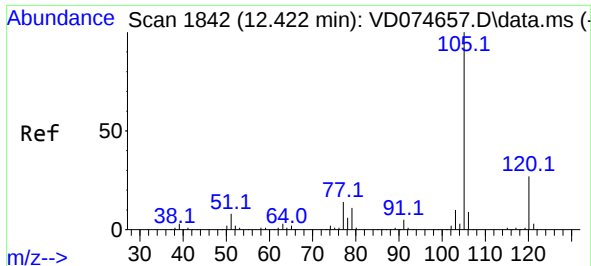
Tgt Ion:	173	Resp:	3558
Ion Ratio	Lower	Upper	
173	100		
175	48.6	23.1	69.3
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion:	152	Resp:	93547
Ion Ratio	Lower	Upper	
152	100		
115	54.2	26.8	80.4
150	158.0	0.0	348.2

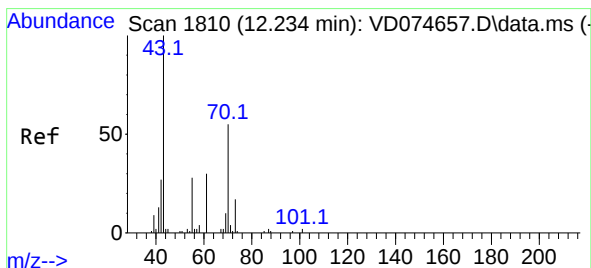
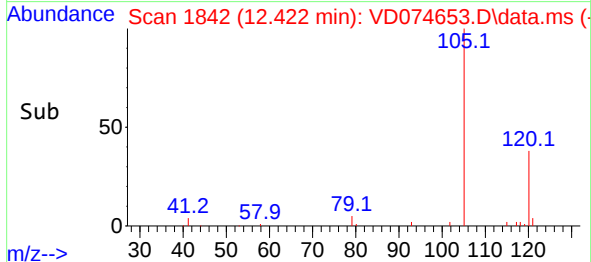
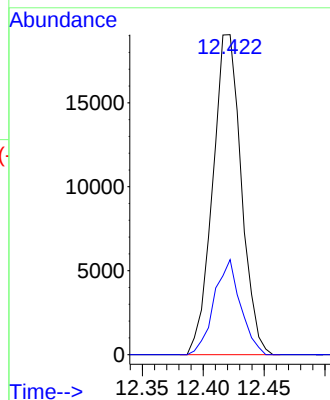
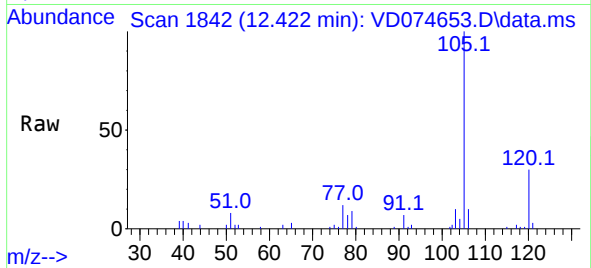




#73
Isopropylbenzene
Concen: 4.300 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

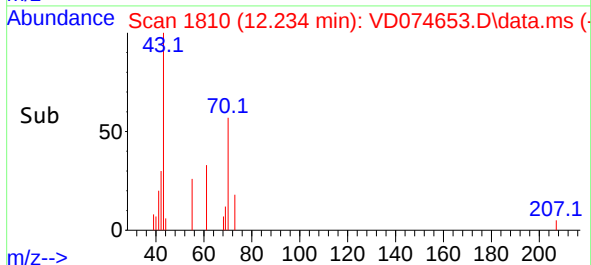
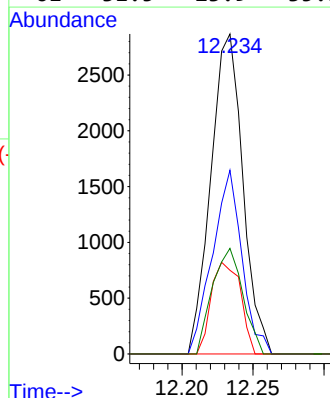
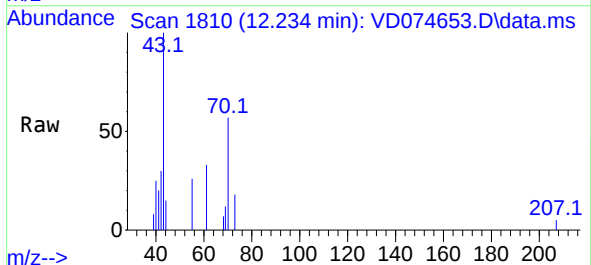
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

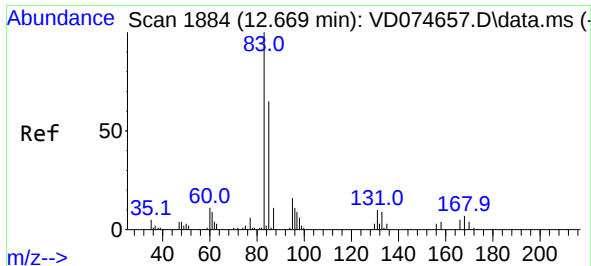
Tgt Ion:105 Resp: 31124
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4



#74
N-ethyl acetate
Concen: 4.184 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 43 Resp: 4493
Ion Ratio Lower Upper
43 100
70 52.9 43.8 65.6
55 26.2 22.0 33.0
61 31.5 23.9 35.9

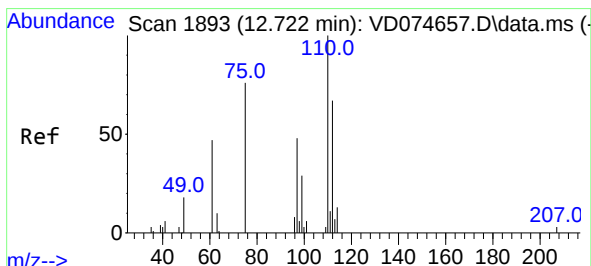
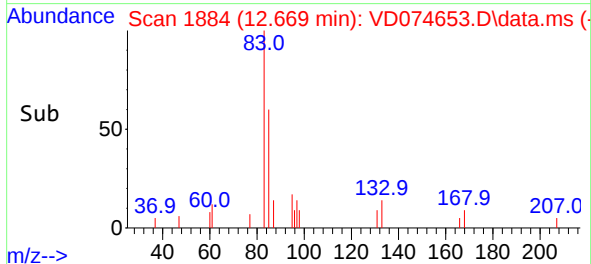
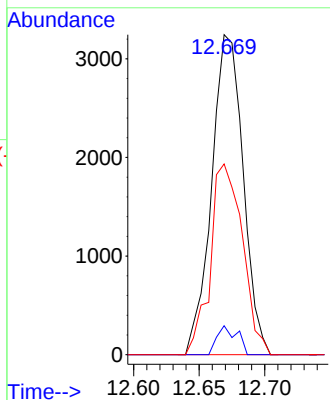
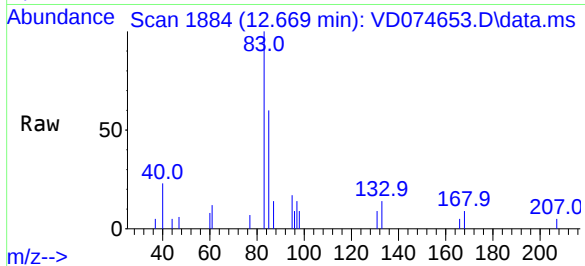




#75
1,1,2,2-Tetrachloroethane
Concen: 4.739 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

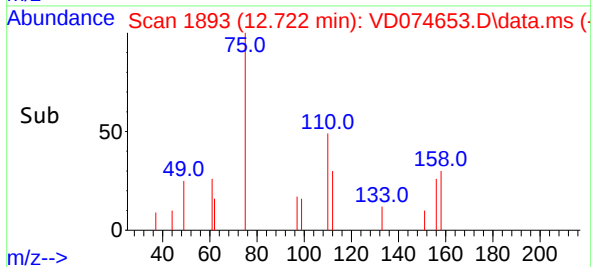
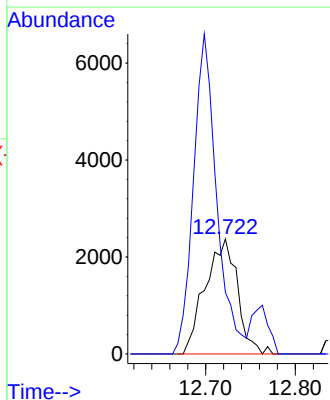
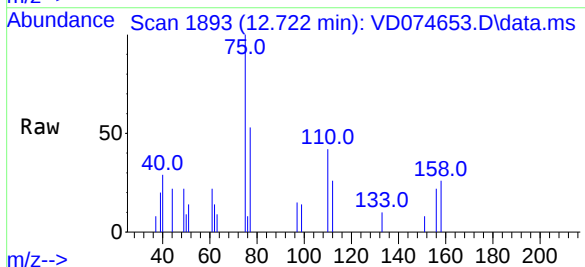
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

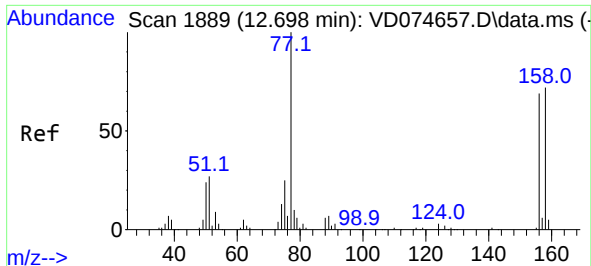
Tgt Ion: 83 Resp: 5433
Ion Ratio Lower Upper
83 100
131 5.8 4.7 14.1
85 60.6 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 7.388 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 75 Resp: 5906
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

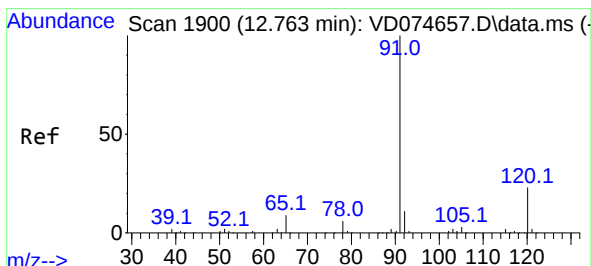
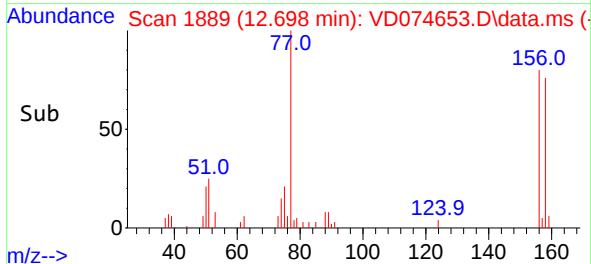
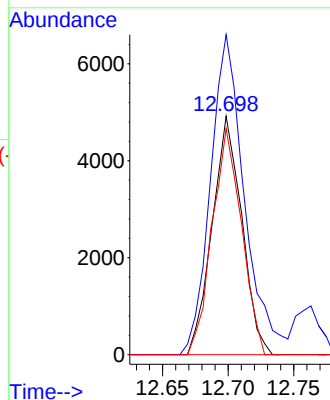
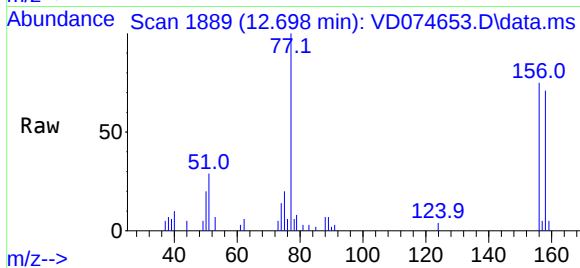




#77
Bromobenzene
Concen: 4.732 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

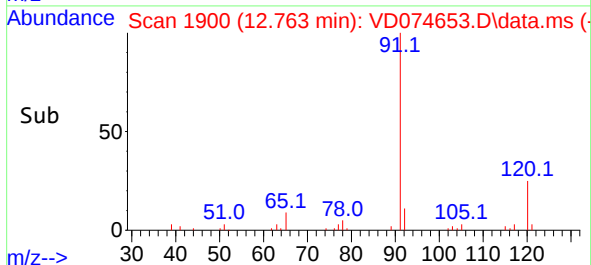
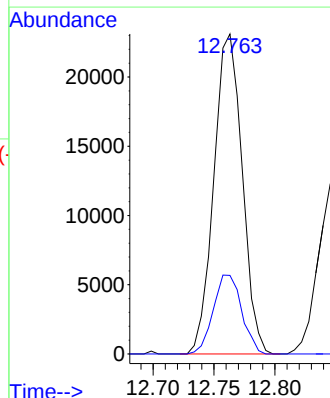
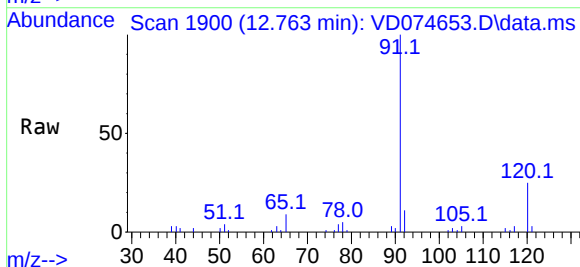
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

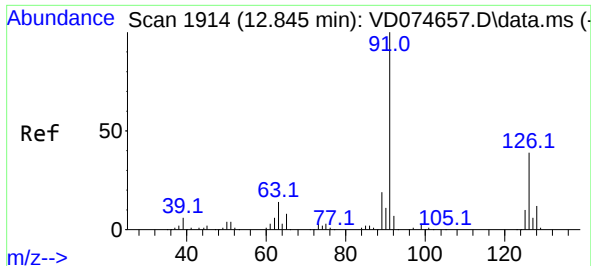
Tgt Ion:156 Resp: 7734
Ion Ratio Lower Upper
156 100
77 153.7 77.7 233.1
158 93.9 49.4 148.2



#78
n-propylbenzene
Concen: 4.346 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 91 Resp: 37389
Ion Ratio Lower Upper
91 100
120 24.7 11.9 35.7

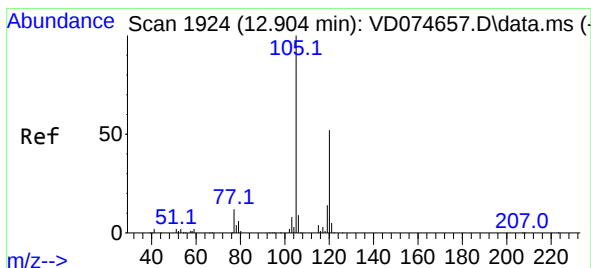
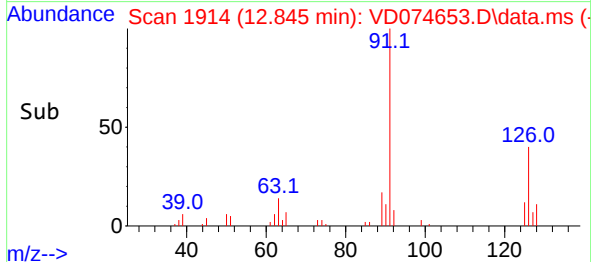
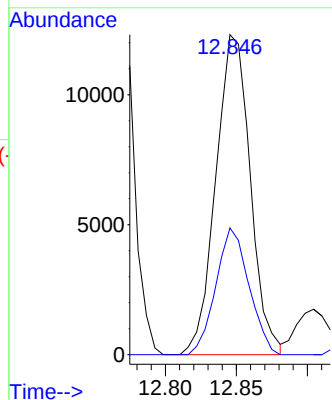
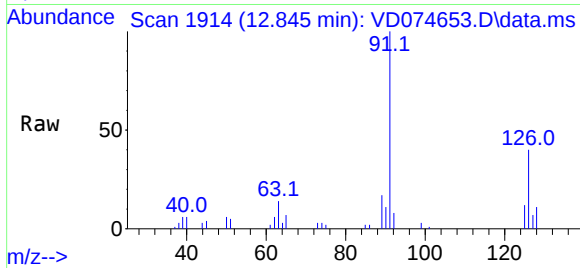




#79
2-Chlorotoluene
Concen: 4.483 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

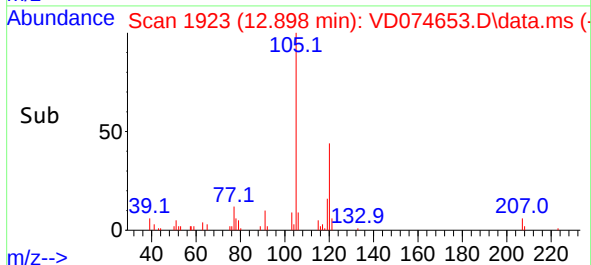
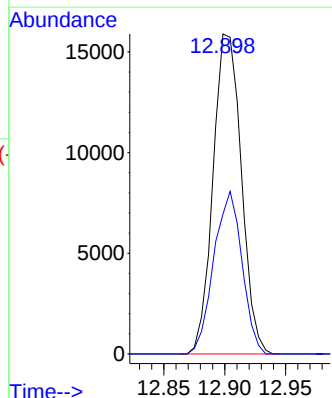
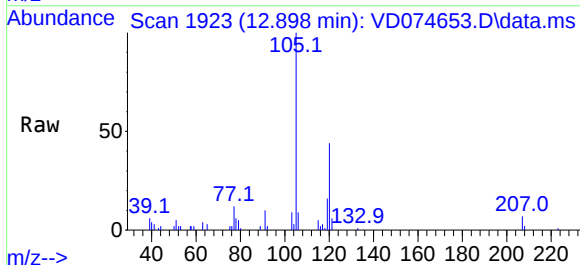
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

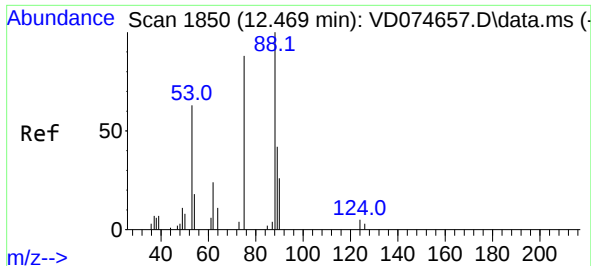
Tgt Ion: 91 Resp: 20802
Ion Ratio Lower Upper
91 100
126 38.0 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 4.345 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 105 Resp: 25694
Ion Ratio Lower Upper
105 100
120 50.6 25.7 77.0



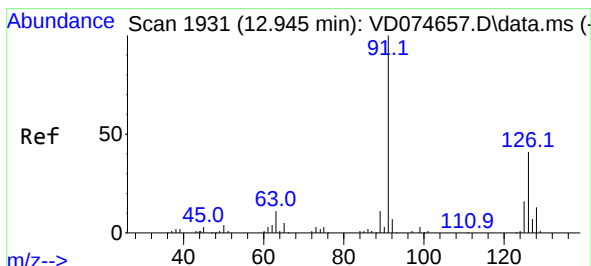
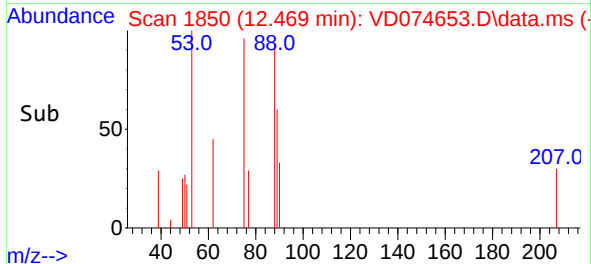
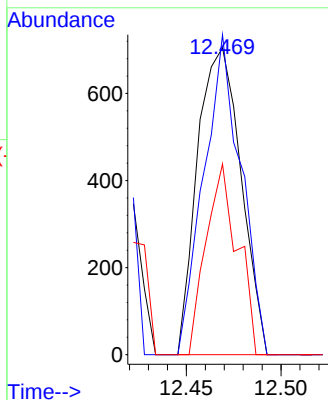
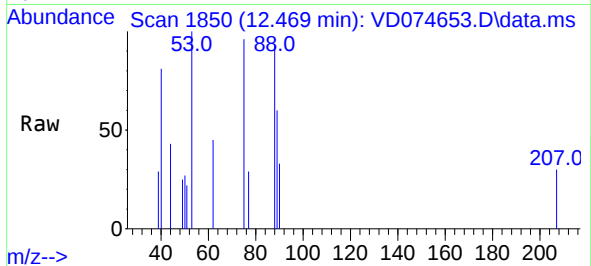


#81
trans-1,4-Dichloro-2-butene
Concen: 3.554 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1125

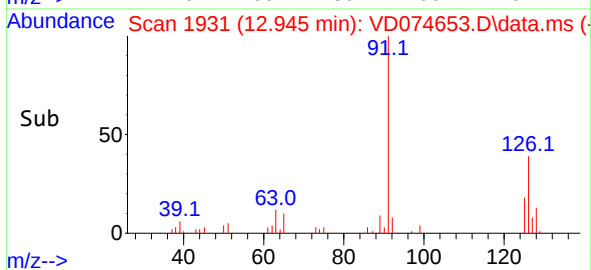
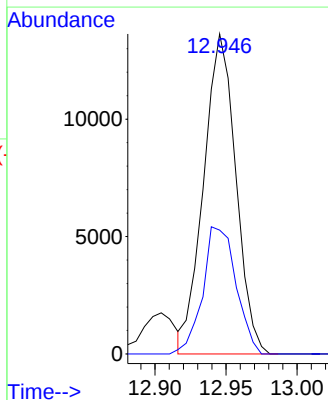
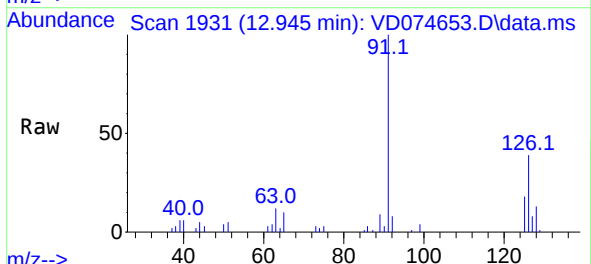
Ion	Ratio	Lower	Upper
75	100		
53	89.1	63.8	95.6
89	45.2	38.2	57.4

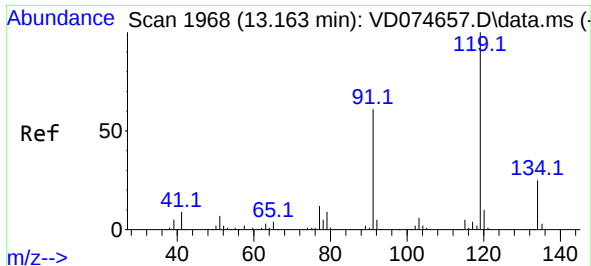


#82
4-Chlorotoluene
Concen: 4.490 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion: 91 Resp: 21511

Ion	Ratio	Lower	Upper
91	100		
126	40.9	18.8	56.4

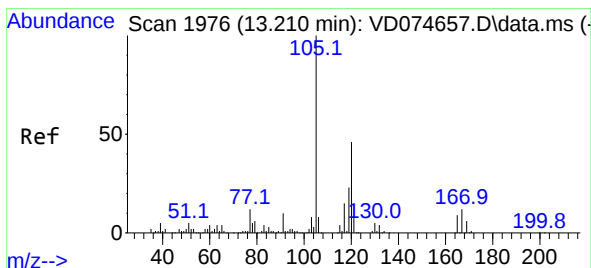
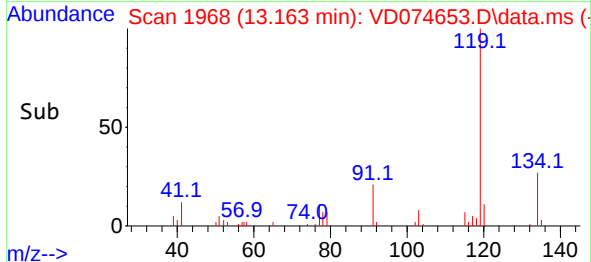
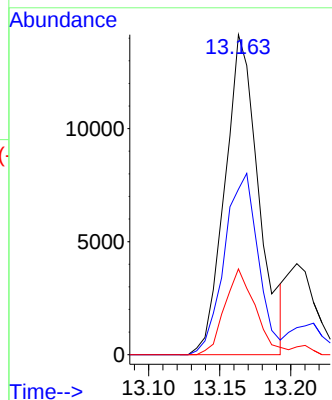
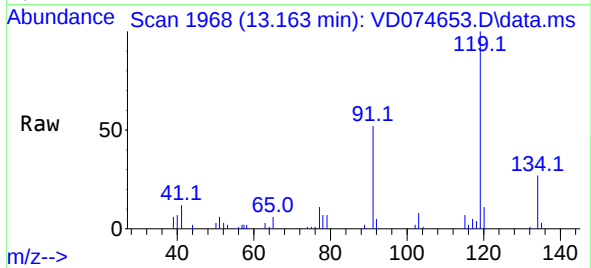




#83
tert-Butylbenzene
Concen: 4.447 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

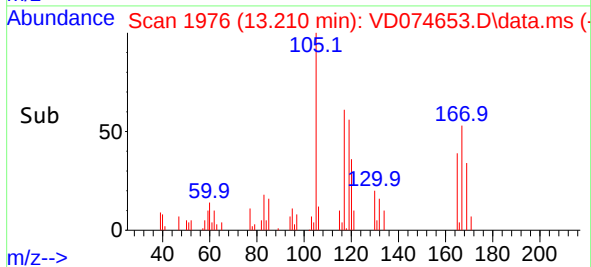
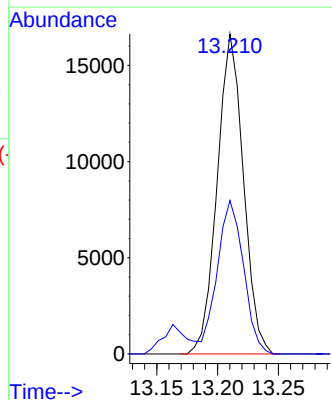
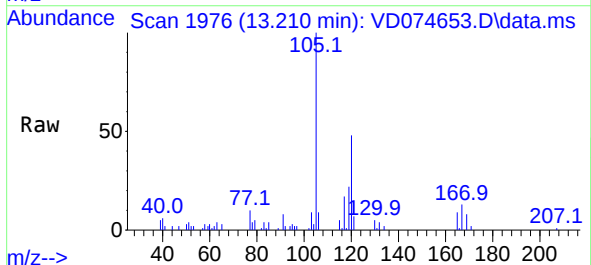
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

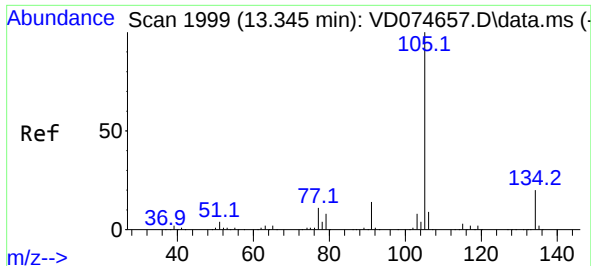
Tgt Ion:119 Resp: 23443
Ion Ratio Lower Upper
119 100
91 56.8 30.0 90.0
134 24.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 4.297 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion:105 Resp: 24941
Ion Ratio Lower Upper
105 100
120 47.7 22.9 68.7

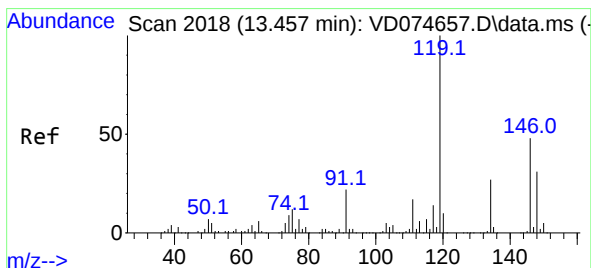
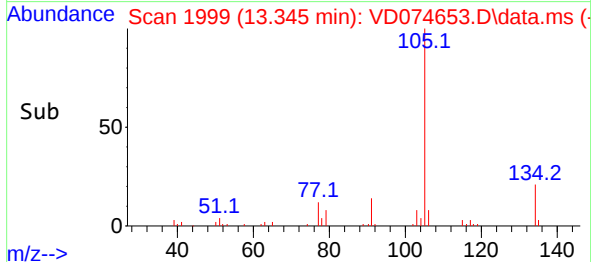
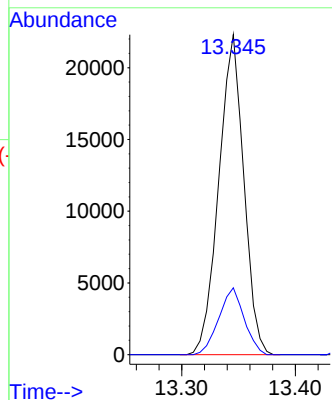
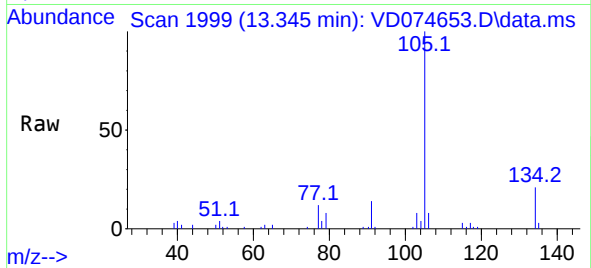




#85
 sec-Butylbenzene
 Concen: 4.330 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD074653.D
 Acq: 27 Oct 2022 12:59

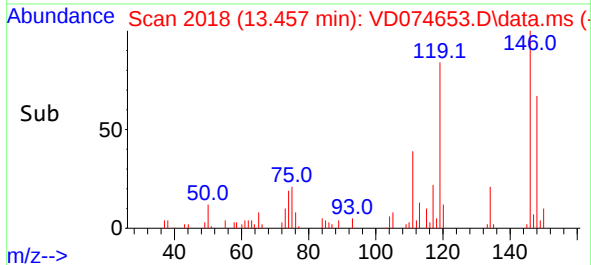
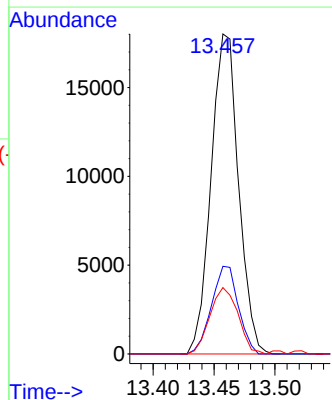
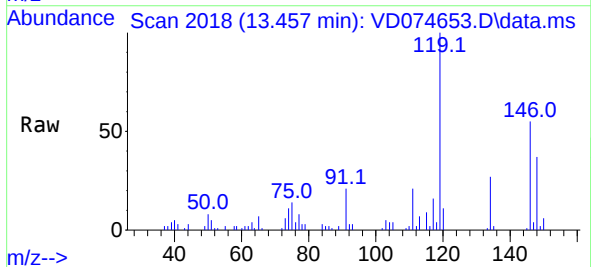
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

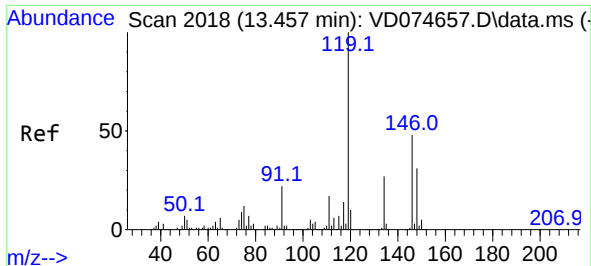
Tgt Ion:105 Resp: 34088
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 4.286 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074653.D
 Acq: 27 Oct 2022 12:59

Tgt Ion:119 Resp: 28306
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 21.2 10.8 32.4

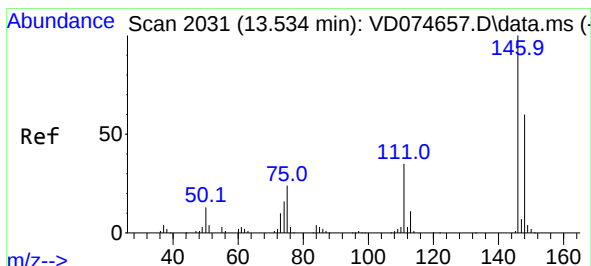
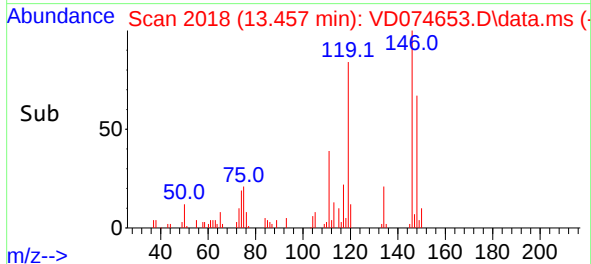
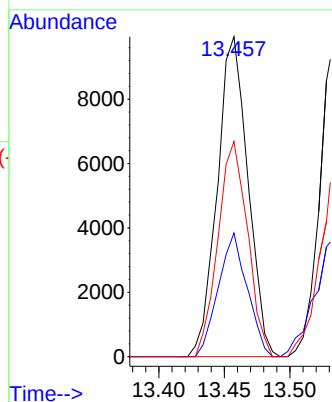
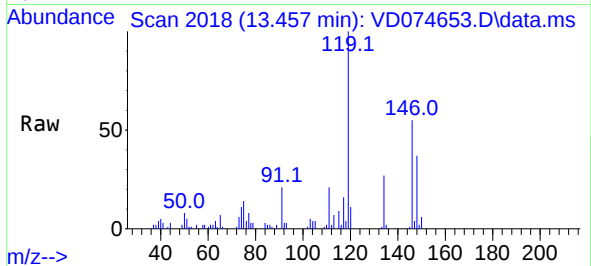




#87
1,3-Dichlorobenzene
Concen: 4.727 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

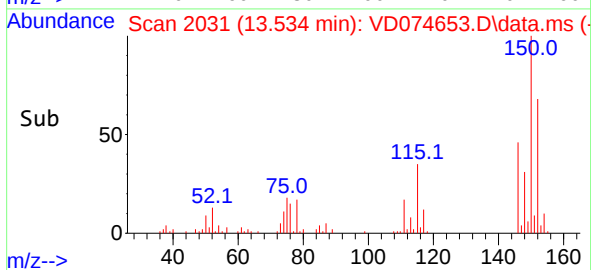
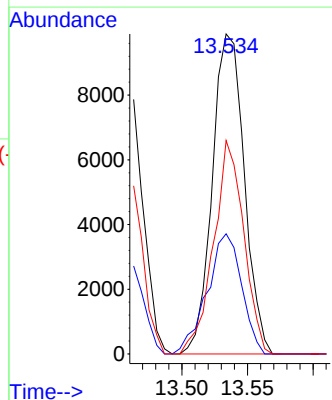
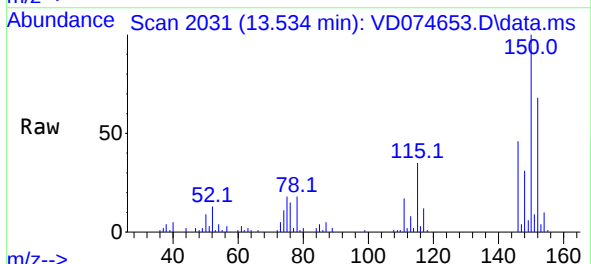
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

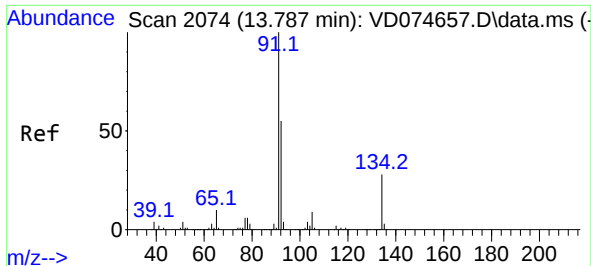
Tgt Ion:146 Resp: 16143
Ion Ratio Lower Upper
146 100
111 36.5 18.3 54.8
148 65.1 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 5.023 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion:146 Resp: 16774
Ion Ratio Lower Upper
146 100
111 40.5 17.7 53.1
148 63.0 32.3 96.9

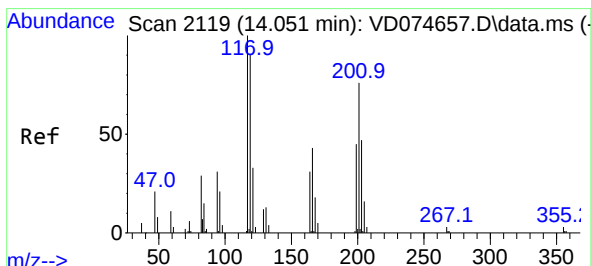
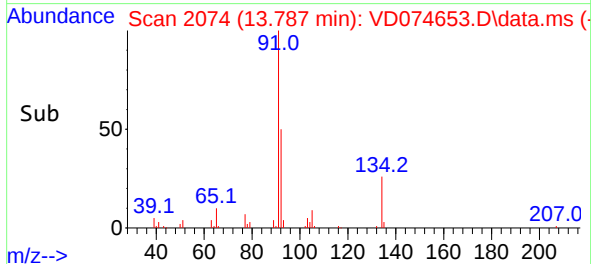
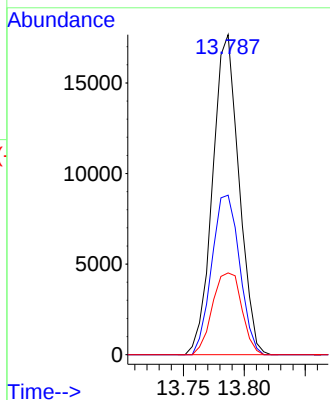
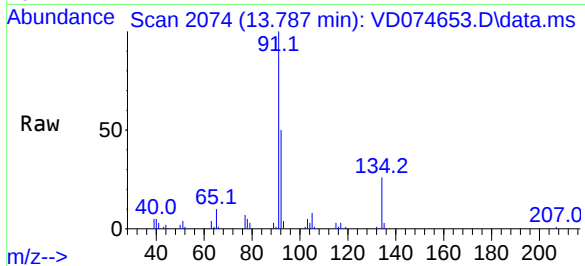




#89
n-Butylbenzene
Concen: 4.425 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

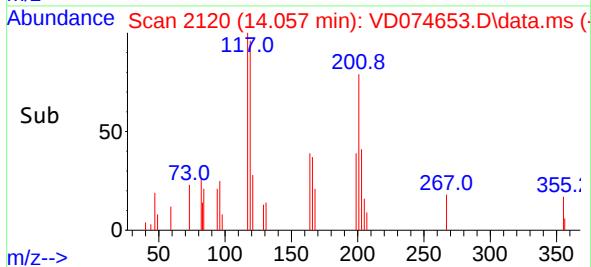
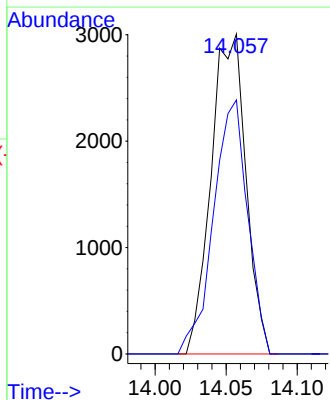
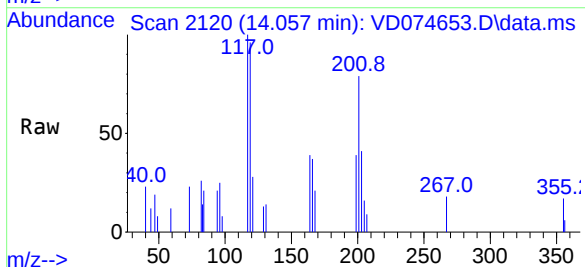
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

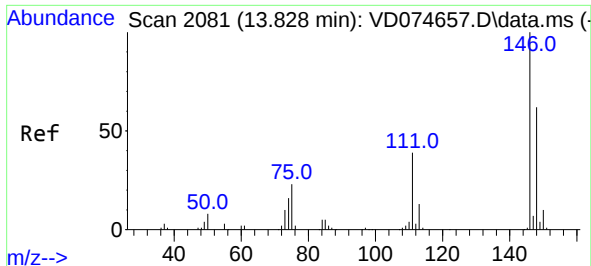
Tgt Ion:	91	Resp:	26599
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.9	80.7
134	28.5	13.4	40.2



#90
Hexachloroethane
Concen: 4.451 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion:	117	Resp:	5119
Ion	Ratio	Lower	Upper
117	100		
201	77.8	38.0	114.0





#91

1,2-Dichlorobenzene

Concen: 4.938 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

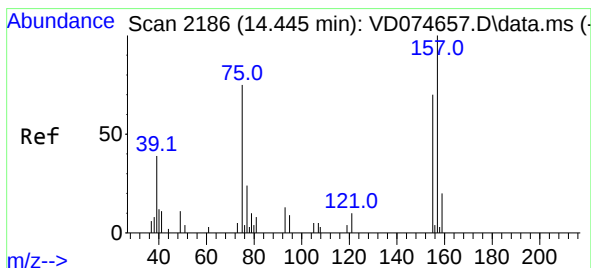
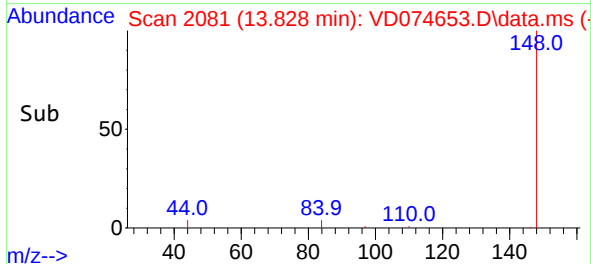
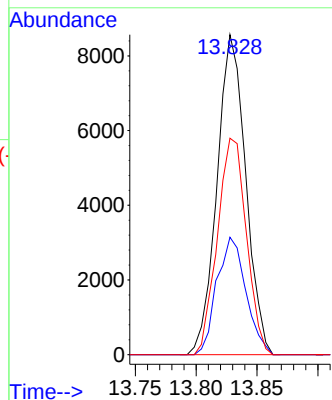
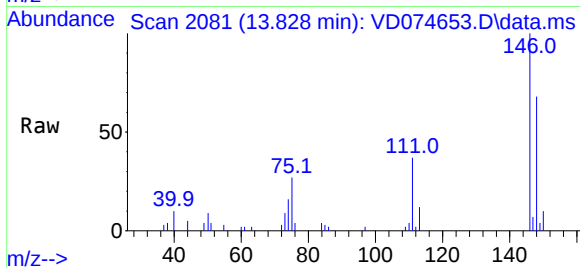
Tgt Ion:146 Resp: 14085

Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.5

148 68.2 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.017 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD074653.D

Acq: 27 Oct 2022 12:59

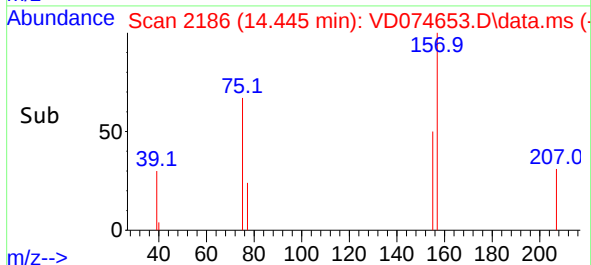
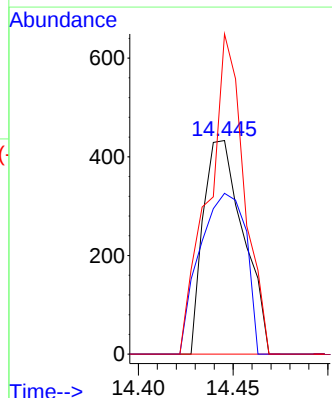
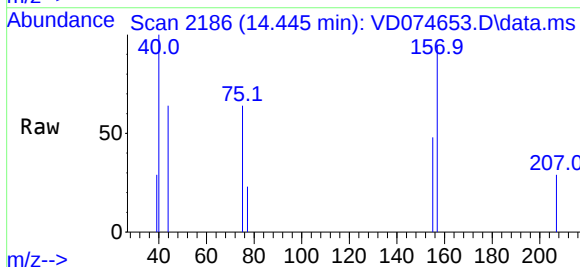
Tgt Ion: 75 Resp: 637

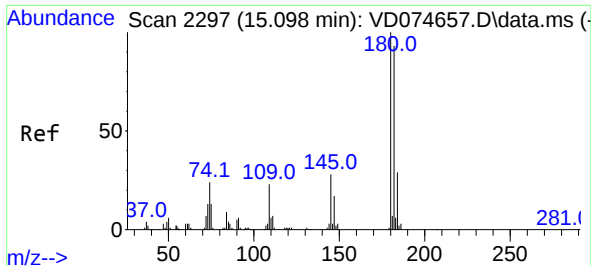
Ion Ratio Lower Upper

75 100

155 86.7 51.2 153.8

157 134.4 68.2 204.5

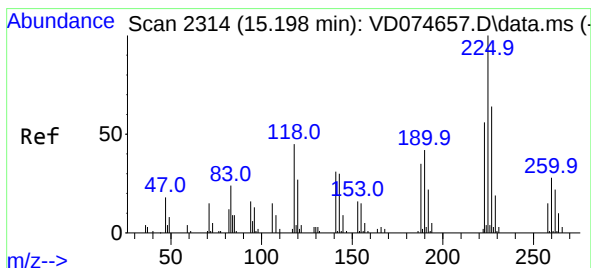
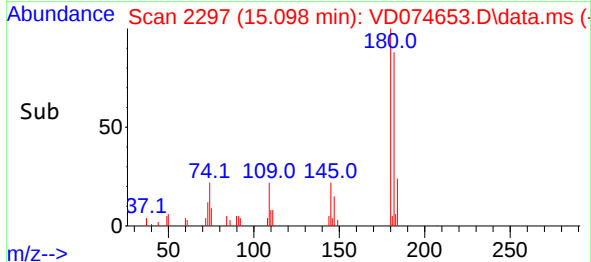
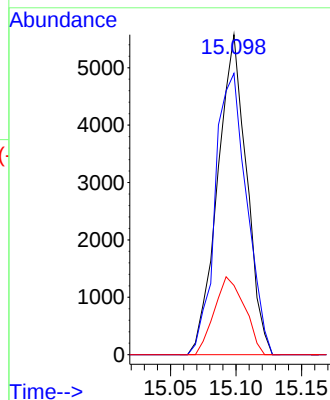
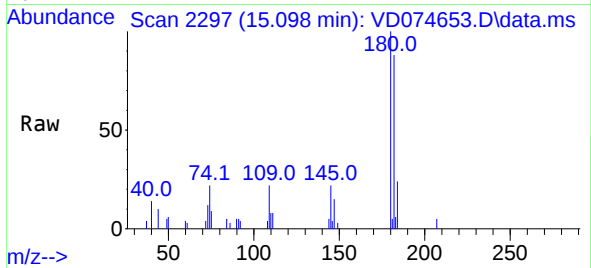




#93
1,2,4-Trichlorobenzene
Concen: 4.563 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

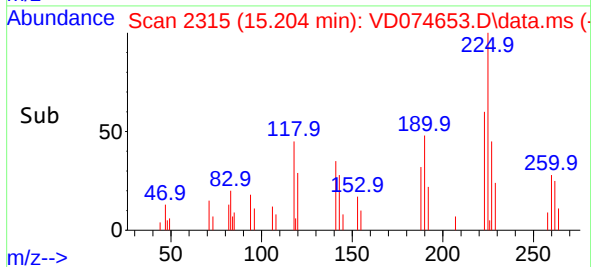
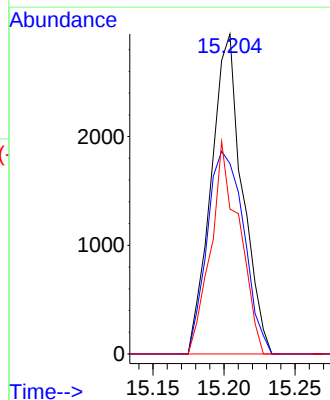
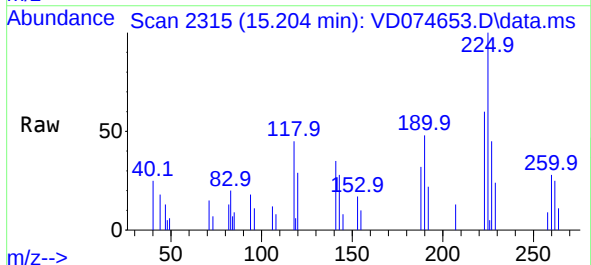
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

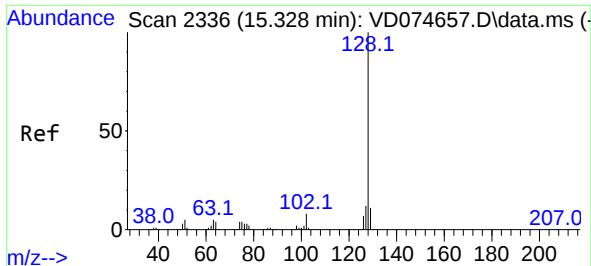
Tgt Ion:180	Resp:	8578
Ion	Ratio	Lower Upper
180	100	
182	95.4	46.9 140.6
145	25.4	14.1 42.3



#94
Hexachlorobutadiene
Concen: 4.405 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.006 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion:225	Resp:	4514
Ion	Ratio	Lower Upper
225	100	
223	74.4	31.9 95.5
227	60.3	32.6 97.8

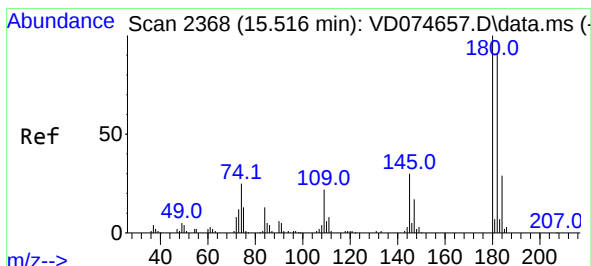
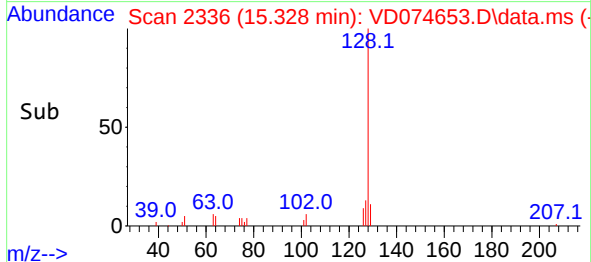
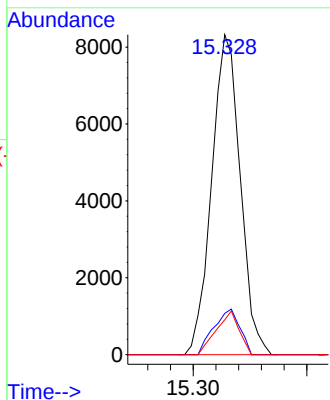
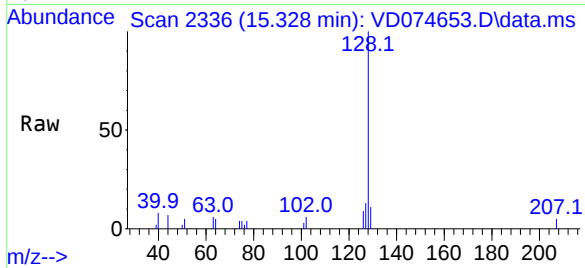




#95
Naphthalene
Concen: 4.125 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	14519
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.0	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 4.530 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD074653.D
Acq: 27 Oct 2022 12:59

Tgt Ion:	180	Resp:	7258
Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.7	140.1
145	25.2	14.9	44.7

