

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071986.D
 Acq On : 16 Feb 2022 11:50
 Operator : VA/SY
 Sample : VD0216SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0216SBS01

Quant Time: Feb 17 00:47:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	307659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	522722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	482311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	242019	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	197849	50.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.760%	
35) Dibromofluoromethane	7.914	113	174563	50.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.600%	
50) Toluene-d8	10.338	98	638580	49.763	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	12.626	95	221557	49.441	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	67257	18.435	ug/l	99
3) Chloromethane	2.215	50	76190	17.443	ug/l	94
4) Vinyl Chloride	2.350	62	86322	18.877	ug/l	99
5) Bromomethane	2.762	94	60000	19.885	ug/l	93
6) Chloroethane	2.926	64	55849	19.271	ug/l	97
7) Trichlorofluoromethane	3.273	101	125909	19.212	ug/l	100
8) Diethyl Ether	3.709	74	30460	17.615	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.097	101	74161	20.058	ug/l	98
10) Methyl Iodide	4.297	142	61466	16.216	ug/l	98
11) Tert butyl alcohol	5.220	59	18472	45.794	ug/l #	74
12) 1,1-Dichloroethene	4.068	96	61367	18.156	ug/l	97
13) Acrolein	3.921	56	34673	100.388	ug/l	96
14) Allyl chloride	4.720	41	122879	19.072	ug/l	98
15) Acrylonitrile	5.426	53	88753	100.986	ug/l	96
16) Acetone	4.162	43	80058	75.208	ug/l	97
17) Carbon Disulfide	4.415	76	163581	13.879	ug/l	97
18) Methyl Acetate	4.726	43	46076	20.020	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	155048	19.175	ug/l	100
20) Methylene Chloride	4.968	84	80603	18.380	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	67852	17.244	ug/l	96
22) Diisopropyl ether	6.362	45	264043	20.910	ug/l	98
23) Vinyl Acetate	6.309	43	662560	95.111	ug/l	99
24) 1,1-Dichloroethane	6.267	63	154292	20.963	ug/l	99
25) 2-Butanone	7.209	43	111508	89.857	ug/l	100
26) 2,2-Dichloropropane	7.209	77	125693	20.636	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	81785	19.352	ug/l	96
28) Bromochloromethane	7.544	49	48231	17.373	ug/l	98
29) Tetrahydrofuran	7.561	42	68536	93.341	ug/l	99
30) Chloroform	7.714	83	155965	20.741	ug/l	98
31) Cyclohexane	7.985	56	127116	17.123	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	134499	20.279	ug/l	96
36) 1,1-Dichloropropene	8.109	75	109844	18.626	ug/l	99
37) Ethyl Acetate	7.297	43	48182	17.573	ug/l	97
38) Carbon Tetrachloride	8.097	117	113938	19.536	ug/l	97
39) Methylcyclohexane	9.355	83	111895	16.375	ug/l	92
40) Benzene	8.350	78	304082	19.102	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	28596	18.435	ug/l	93
42) 1,2-Dichloroethane	8.426	62	101770	20.245	ug/l	100
43) Isopropyl Acetate	8.450	43	94975	19.273	ug/l	99
44) Trichloroethene	9.108	130	78377	19.068	ug/l	96
45) 1,2-Dichloropropane	9.385	63	87642	21.351	ug/l	97
46) Dibromomethane	9.473	93	41916	19.503	ug/l	98
47) Bromodichloromethane	9.655	83	120562	21.210	ug/l	94
48) Methyl methacrylate	9.450	41	47959	18.389	ug/l	95
49) 1,4-Dioxane	9.461	88	8469	345.229	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	248046	96.185	ug/l	98
52) Toluene	10.403	92	189799	19.173	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	99308	19.022	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	119957	19.602	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	56625	19.851	ug/l	97
56) Ethyl methacrylate	10.655	69	64813	18.352	ug/l	99
57) 1,3-Dichloropropane	10.938	76	103298	20.285	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	164220	98.777	ug/l	97
59) 2-Hexanone	10.979	43	165797	88.579	ug/l	95
60) Dibromochloromethane	11.138	129	72173	20.490	ug/l	100
61) 1,2-Dibromoethane	11.238	107	52697	19.175	ug/l	97
64) Tetrachloroethene	10.873	164	61034	17.890	ug/l	97
65) Chlorobenzene	11.661	112	204279	20.020	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	77011	20.746	ug/l	98
67) Ethyl Benzene	11.738	91	364465	19.412	ug/l	98
68) m/p-Xylenes	11.844	106	280325	39.254	ug/l	99
69) o-Xylene	12.173	106	125794	19.383	ug/l	99
70) Styrene	12.191	104	227140	20.305	ug/l	98
71) Bromoform	12.355	173	38514	19.432	ug/l #	95
73) Isopropylbenzene	12.473	105	347341	18.534	ug/l	100
74) N-amyl acetate	12.279	43	86288	18.723	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	66354	19.133	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	86129	33.768	ug/l #	100
77) Bromobenzene	12.749	156	79542	19.080	ug/l	98
78) n-propylbenzene	12.814	91	451151	19.199	ug/l	100
79) 2-Chlorotoluene	12.897	91	255578	19.192	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	307916	19.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	17565	16.933	ug/l	97
82) 4-Chlorotoluene	12.996	91	266874	19.263	ug/l	99
83) tert-Butylbenzene	13.214	119	252911	19.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	301958	19.748	ug/l	99
85) sec-Butylbenzene	13.391	105	388877	19.292	ug/l	99
86) p-Isopropyltoluene	13.508	119	317673	19.394	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	161064	19.027	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	160951	19.051	ug/l	98
89) n-Butylbenzene	13.832	91	309699	19.271	ug/l	98
90) Hexachloroethane	14.102	117	66749	20.501	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	140032	19.330	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.491	75	10673	18.582	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	77686	18.357	ug/l	99
94) Hexachlorobutadiene	15.249	225	46689	20.233	ug/l	97
95) Naphthalene	15.385	128	132766	16.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	67211	18.529	ug/l	99

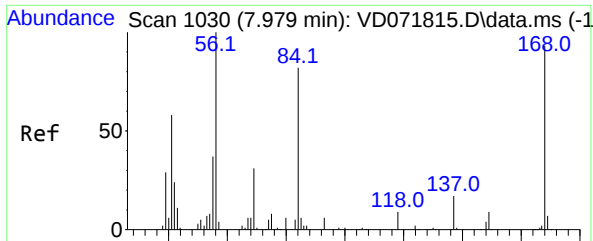
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD071986.D
Acq On : 16 Feb 2022 11:50
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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

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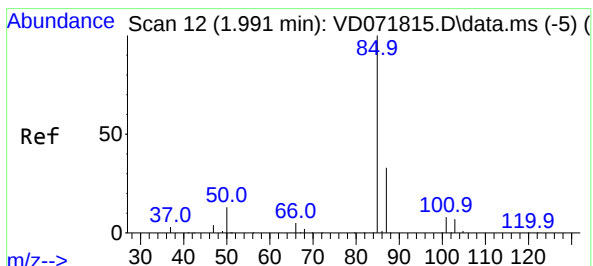
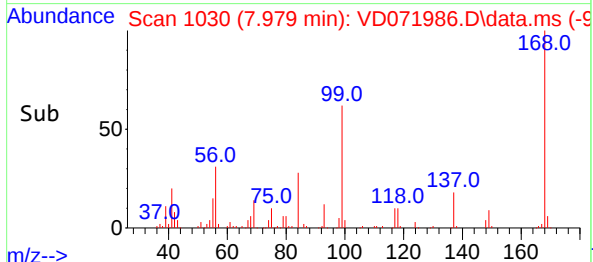
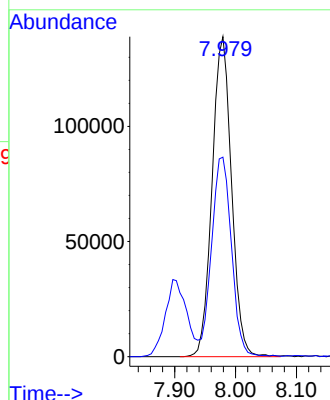
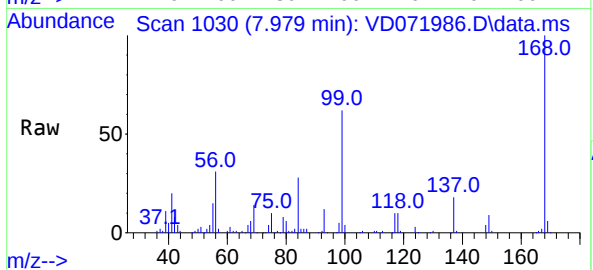
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

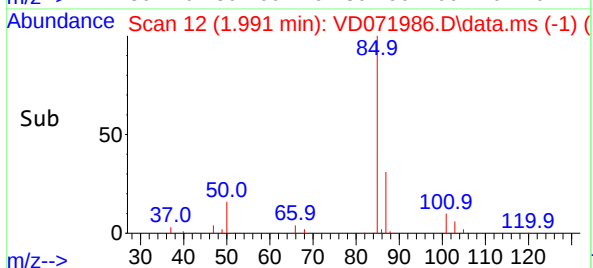
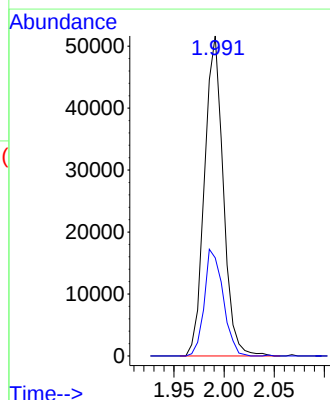
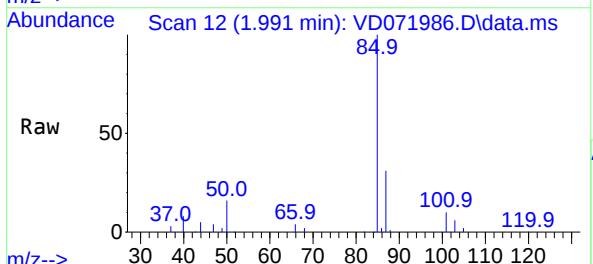
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

Tgt Ion:168 Resp: 307659
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6

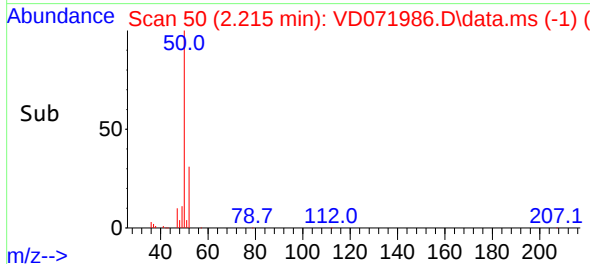
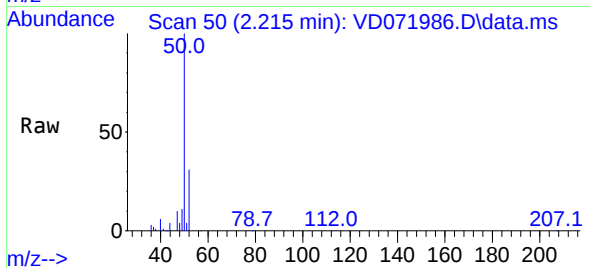
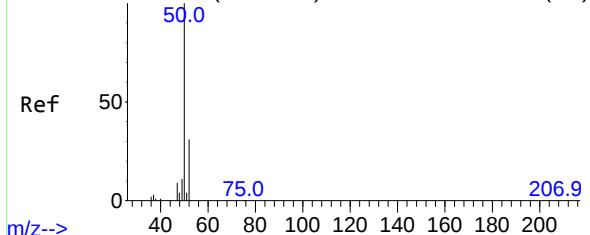


#2
Dichlorodifluoromethane
Concen: 18.435 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 85 Resp: 67257
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0



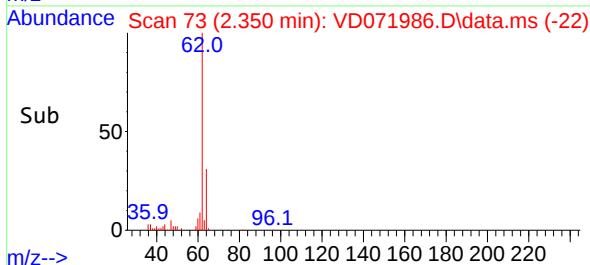
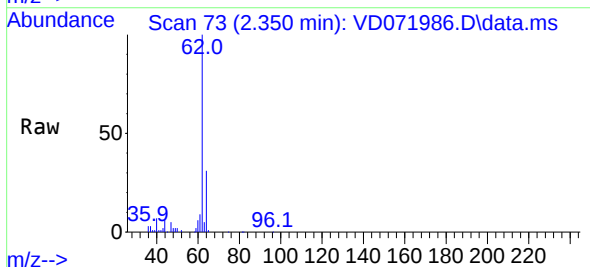
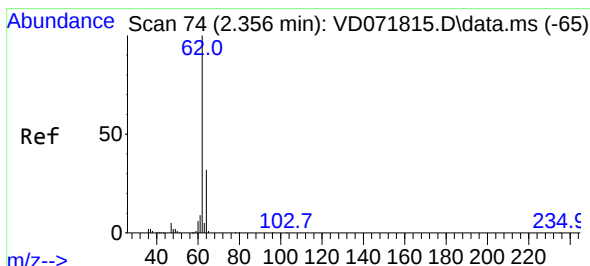
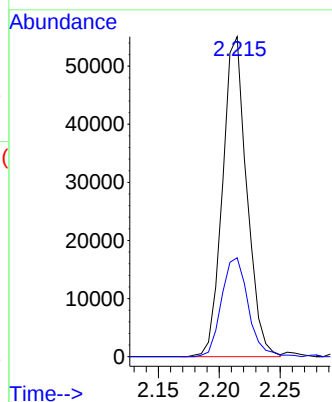
Abundance Scan 50 (2.215 min): VD071815.D\data.ms (-43)



#3
Chloromethane
Concen: 17.443 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

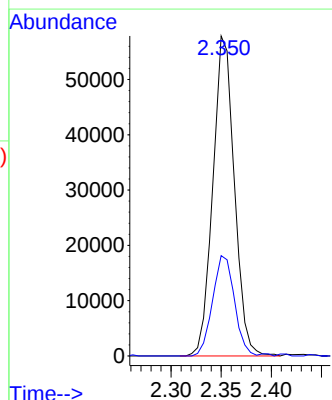
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

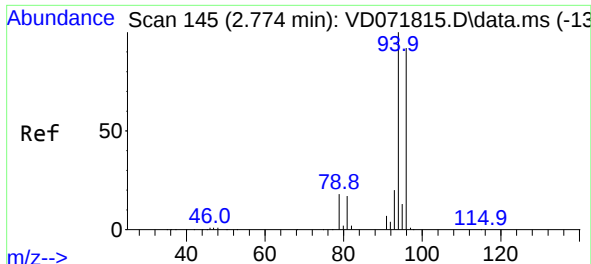
Tgt Ion: 50 Resp: 76190
Ion Ratio Lower Upper
50 100
52 30.9 27.4 41.0



#4
Vinyl Chloride
Concen: 18.877 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 62 Resp: 86322
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

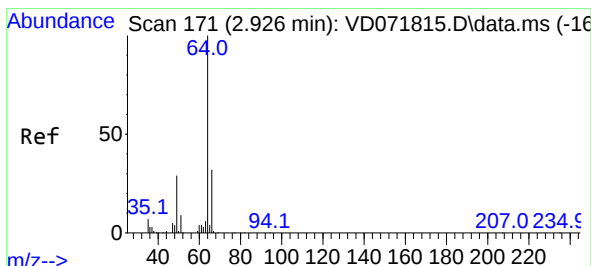
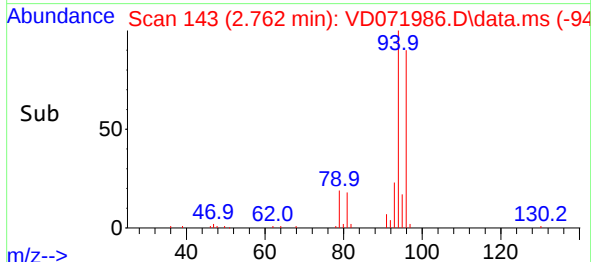
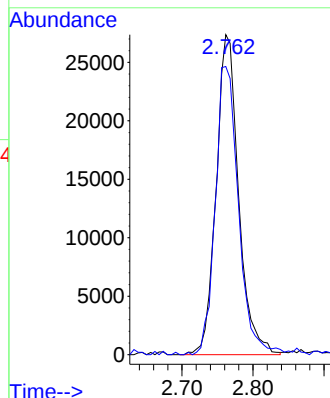
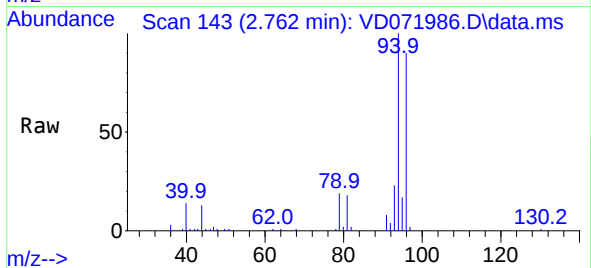




#5
Bromomethane
Concen: 19.885 ug/l
RT: 2.762 min Scan# 145
Delta R.T. -0.012 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

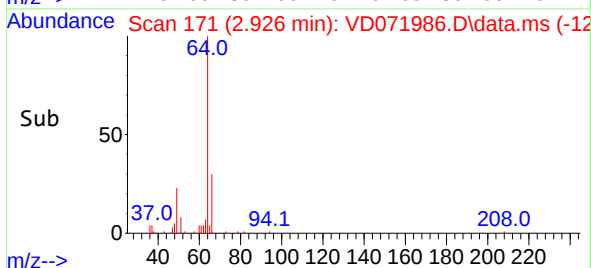
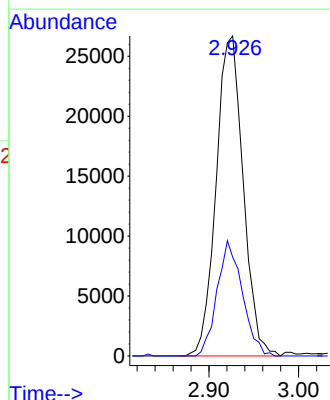
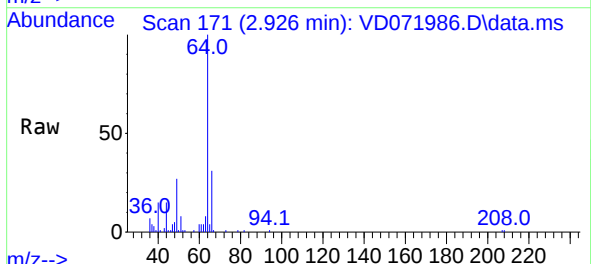
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

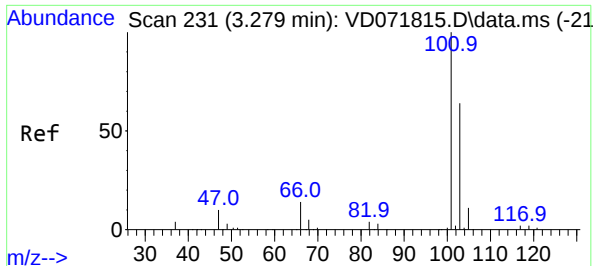
Tgt Ion: 94 Resp: 60000
Ion Ratio Lower Upper
94 100
96 90.1 77.6 116.4



#6
Chloroethane
Concen: 19.271 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 64 Resp: 55849
Ion Ratio Lower Upper
64 100
66 30.9 25.9 38.9

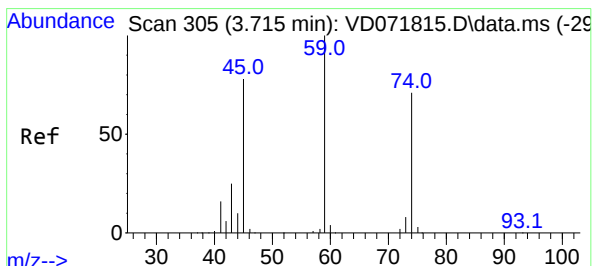
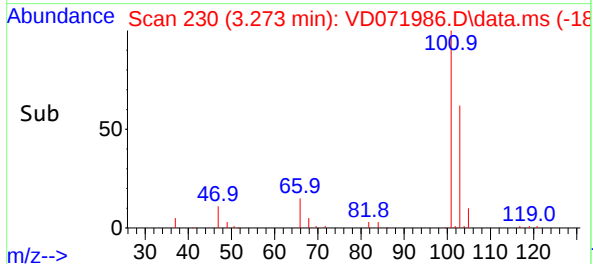
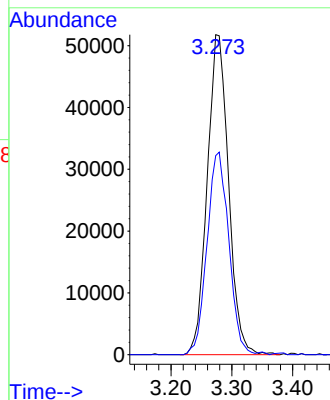
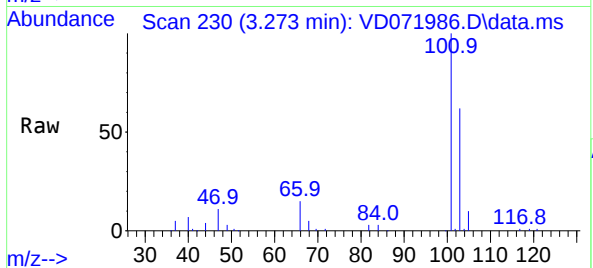




#7
Trichlorofluoromethane
Concen: 19.212 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

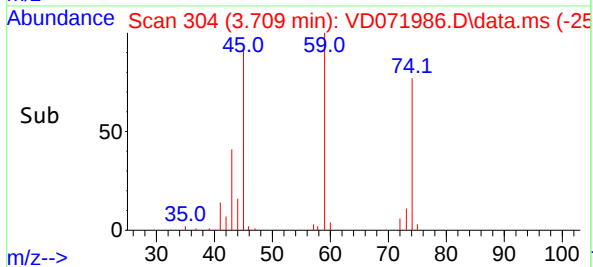
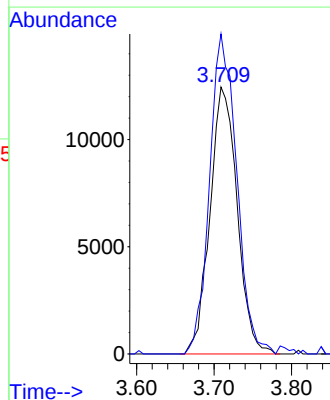
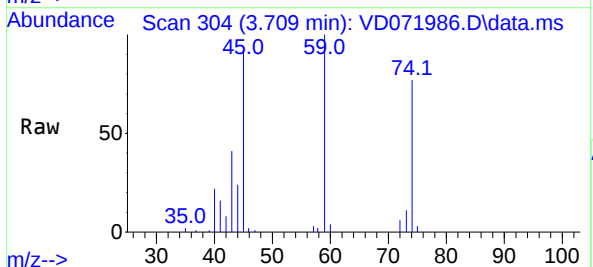
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

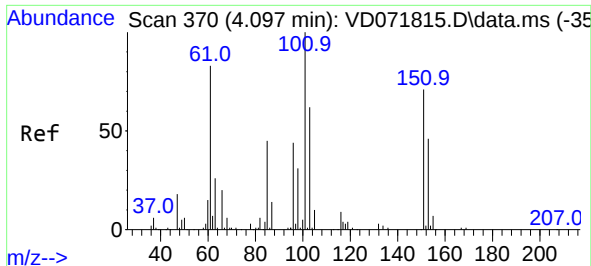
Tgt Ion:101 Resp: 125909
Ion Ratio Lower Upper
101 100
103 62.2 50.1 75.1



#8
Diethyl Ether
Concen: 17.615 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 74 Resp: 30460
Ion Ratio Lower Upper
74 100
45 119.3 52.6 157.8

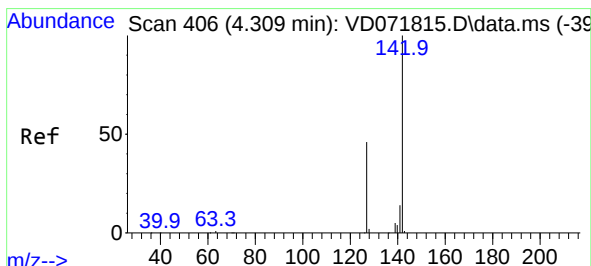
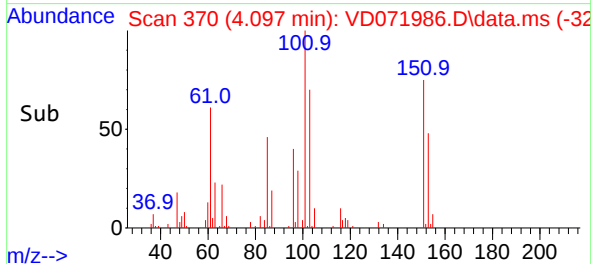
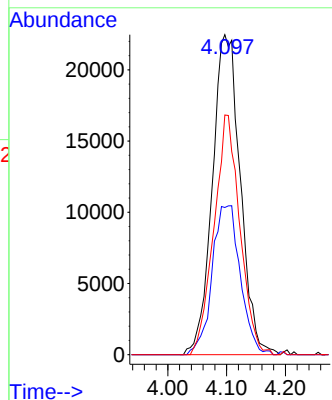
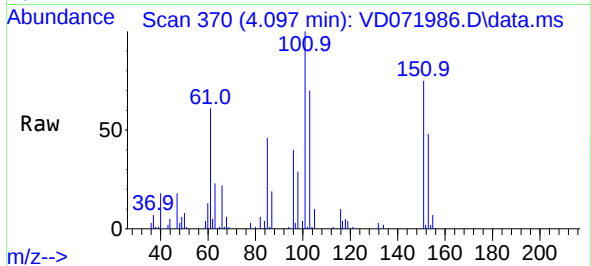




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.058 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

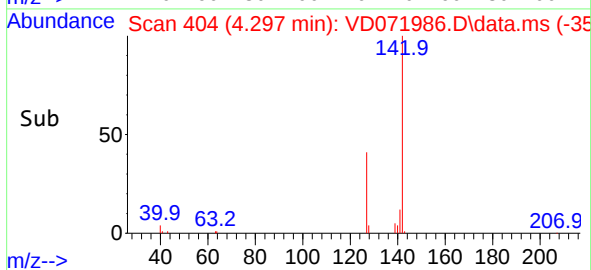
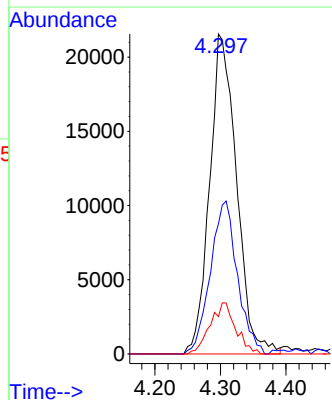
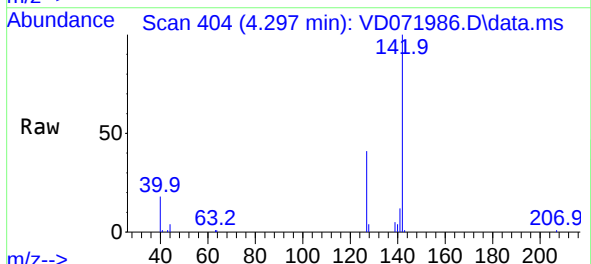
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

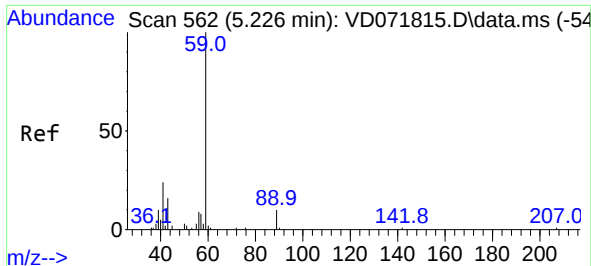
Tgt Ion:	101	Resp:	74161
Ion	Ratio	Lower	Upper
101	100		
85	47.0	36.4	54.6
151	69.5	57.3	85.9



#10
Methyl Iodide
Concen: 16.216 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.012 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:	142	Resp:	61466
Ion	Ratio	Lower	Upper
142	100		
127	47.9	37.3	55.9
141	15.2	11.7	17.5

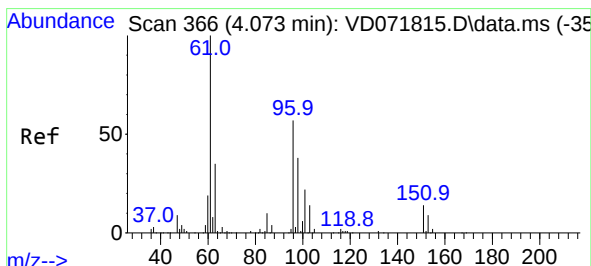
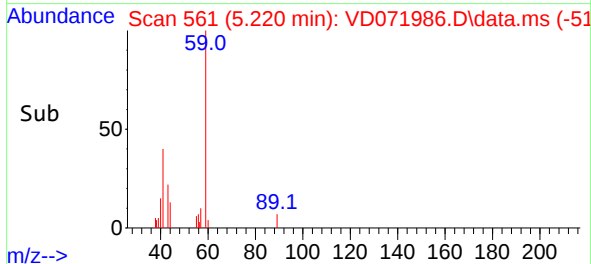
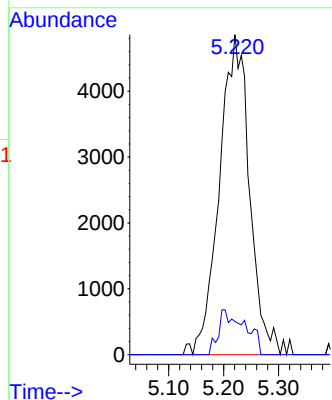
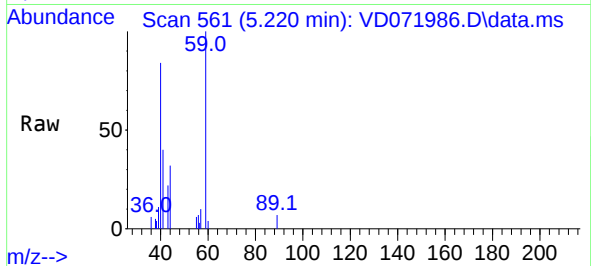




#11
Tert butyl alcohol
Concen: 45.794 ug/l
RT: 5.220 min Scan# 501
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

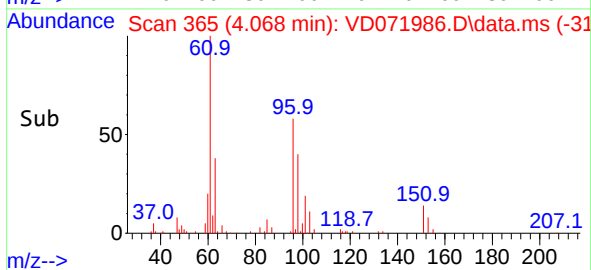
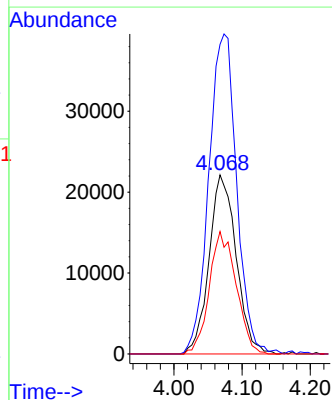
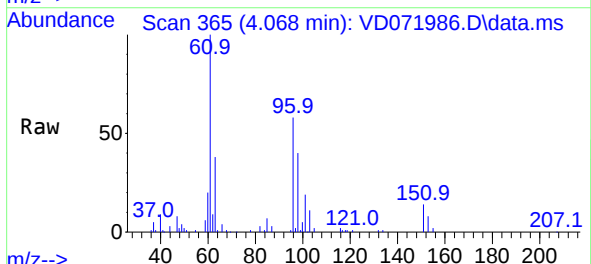
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

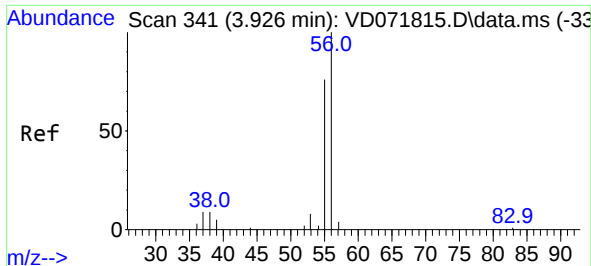
Tgt Ion: 59 Resp: 18472
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 18.156 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 96 Resp: 61367
Ion Ratio Lower Upper
96 100
61 172.9 138.5 207.7
98 68.4 48.6 73.0

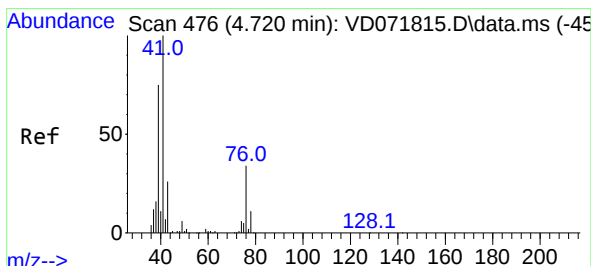
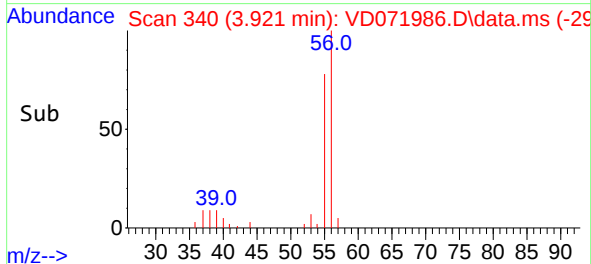
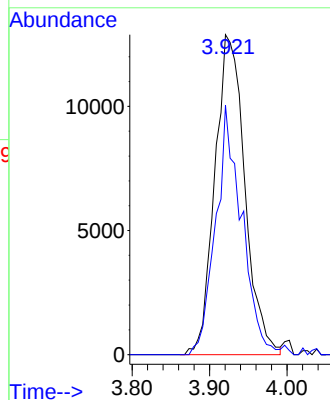
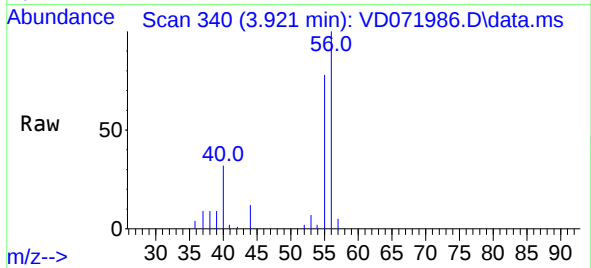




#13
Acrolein
Concen: 100.388 ug/l
RT: 3.921 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

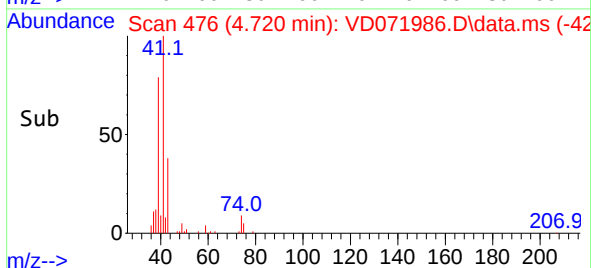
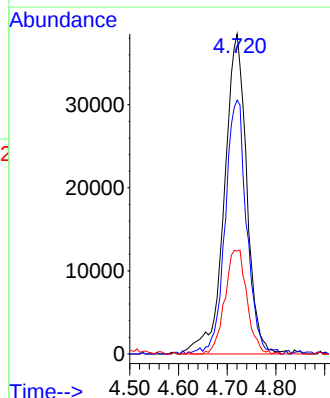
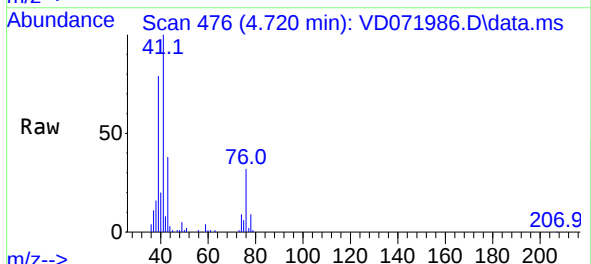
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

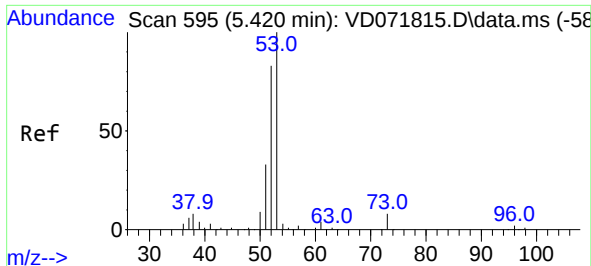
Tgt Ion: 56 Resp: 34673
Ion Ratio Lower Upper
56 100
55 68.2 57.1 85.7



#14
Allyl chloride
Concen: 19.072 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 41 Resp: 122879
Ion Ratio Lower Upper
41 100
39 76.5 59.3 88.9
76 32.0 25.7 38.5

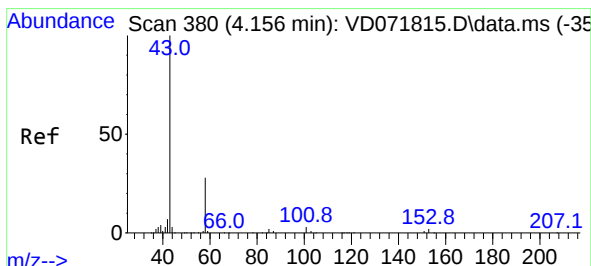
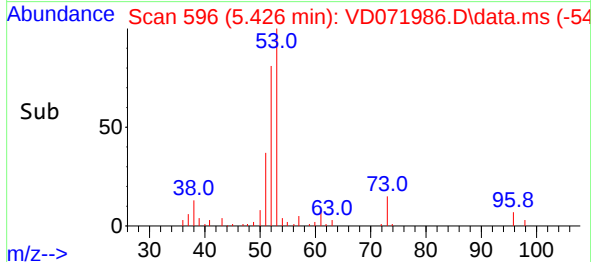
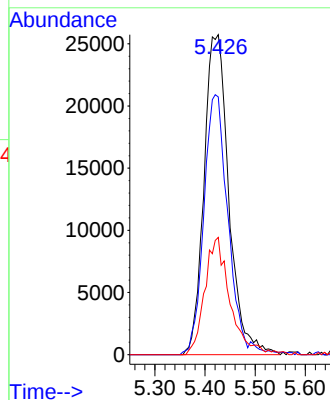
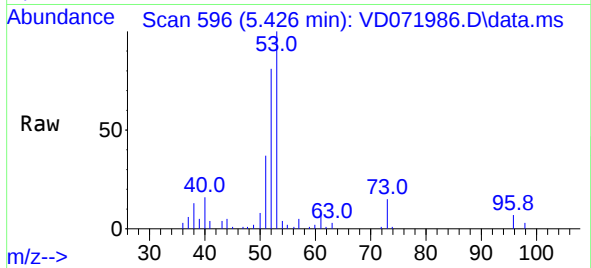




#15
Acrylonitrile
Concen: 100.986 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

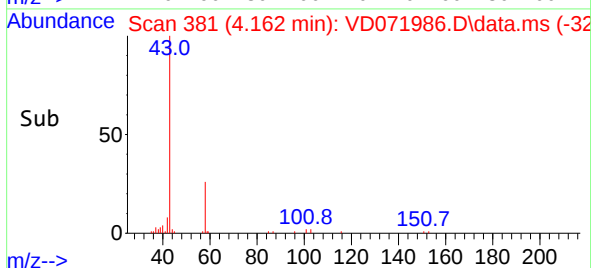
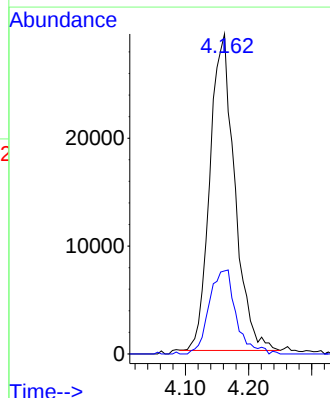
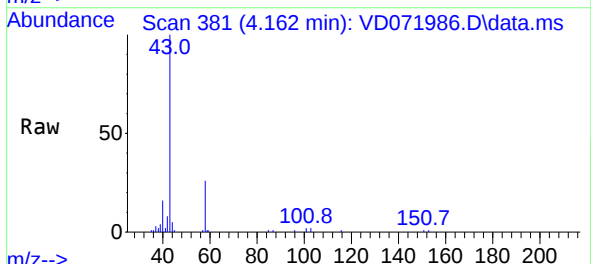
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

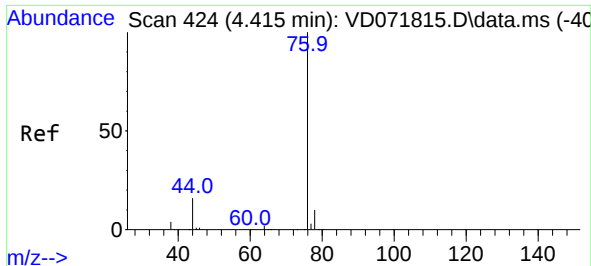
Tgt Ion: 53 Resp: 88753
Ion Ratio Lower Upper
53 100
52 79.7 67.2 100.8
51 36.7 30.3 45.5



#16
Acetone
Concen: 75.208 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 43 Resp: 80058
Ion Ratio Lower Upper
43 100
58 26.2 22.1 33.1

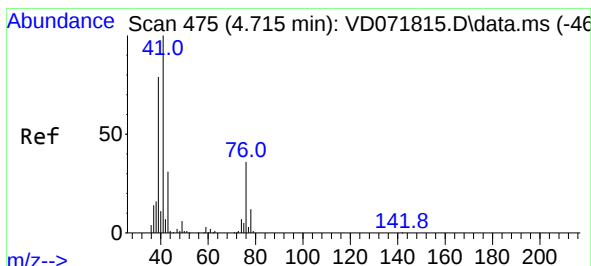
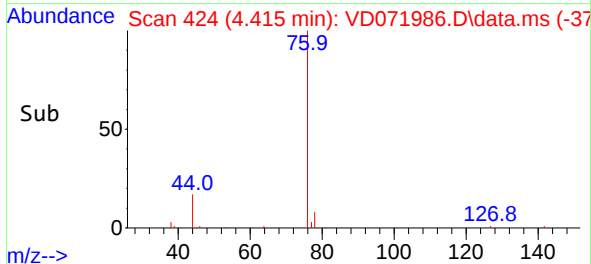
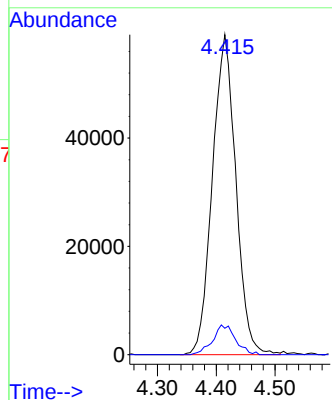
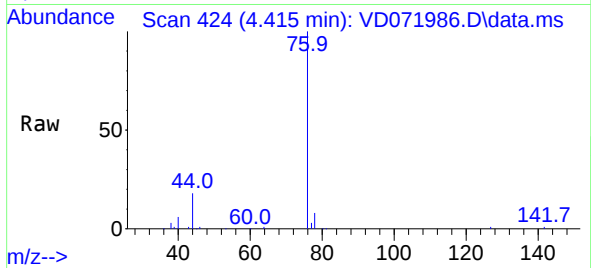




#17
Carbon Disulfide
Concen: 13.879 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

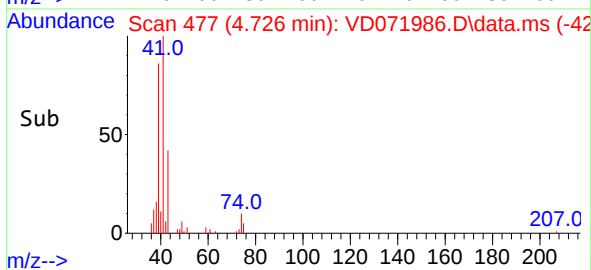
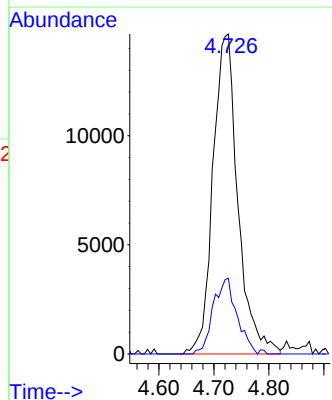
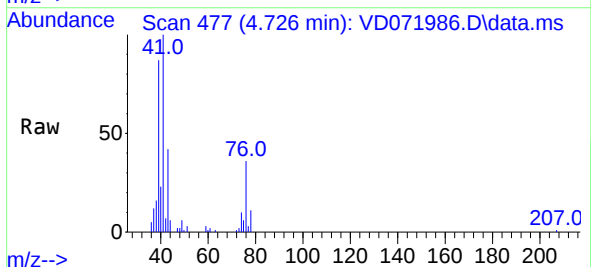
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

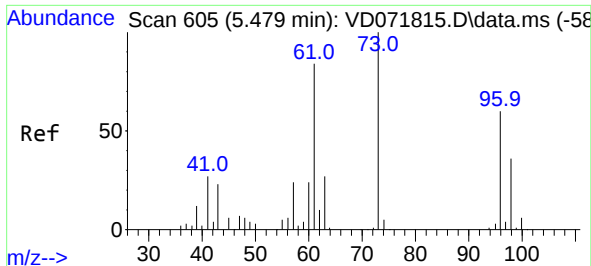
Tgt Ion: 76 Resp: 163581
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 20.020 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 43 Resp: 46076
Ion Ratio Lower Upper
43 100
74 22.4 16.7 25.1

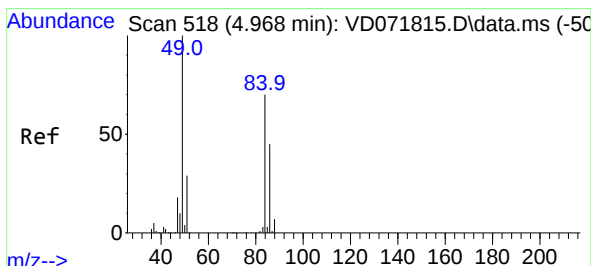
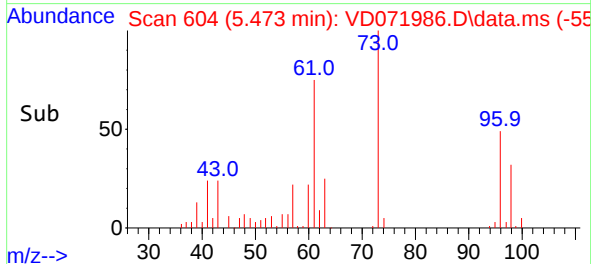
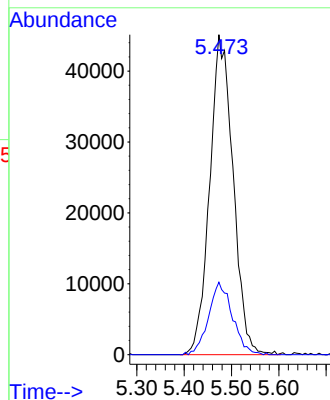
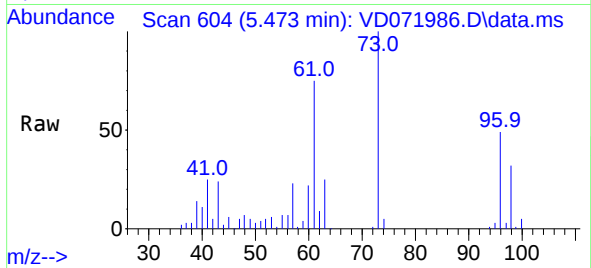




#19
Methyl tert-butyl Ether
Concen: 19.175 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

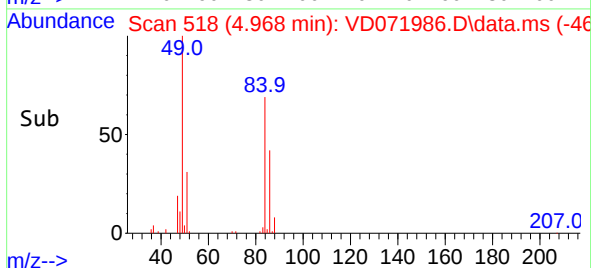
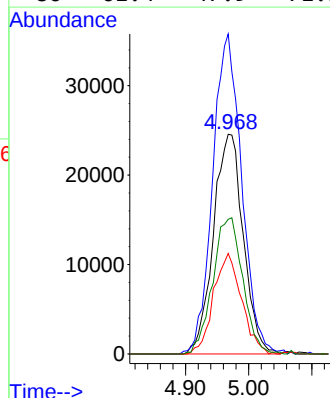
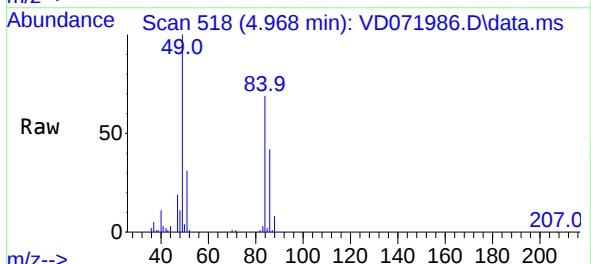
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

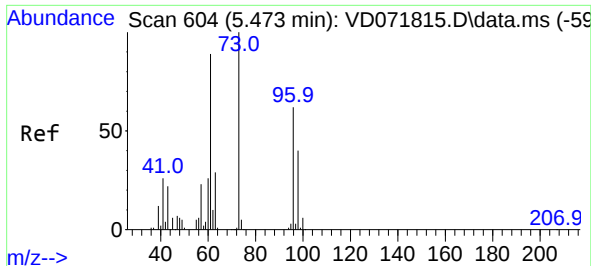
Tgt Ion: 73 Resp: 155048
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0



#20
Methylene Chloride
Concen: 18.380 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 84 Resp: 80603
Ion Ratio Lower Upper
84 100
49 145.7 112.8 169.2
51 45.7 32.6 48.8
86 61.4 47.9 71.9

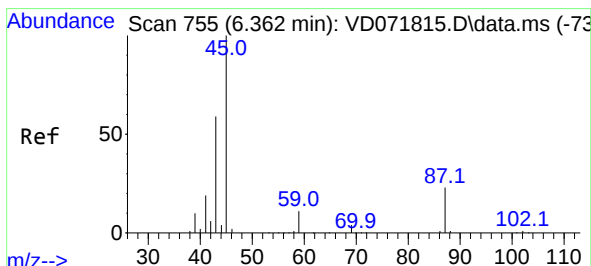
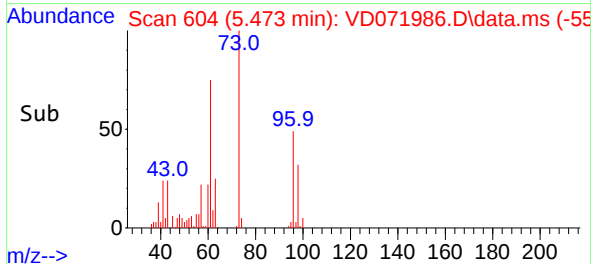
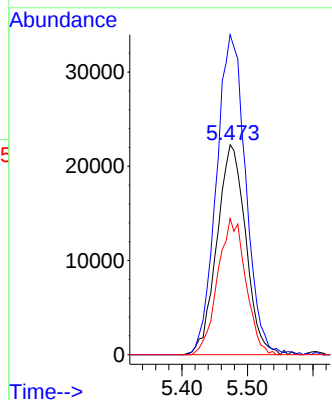
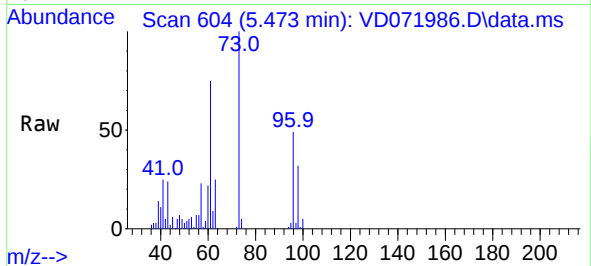




#21
trans-1,2-Dichloroethene
Concen: 17.244 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

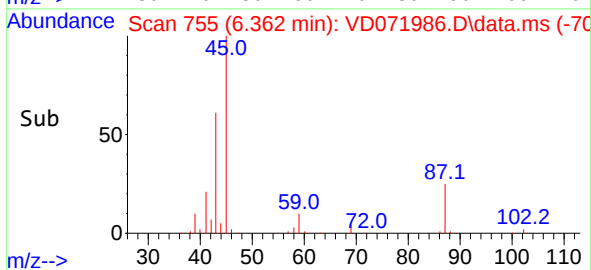
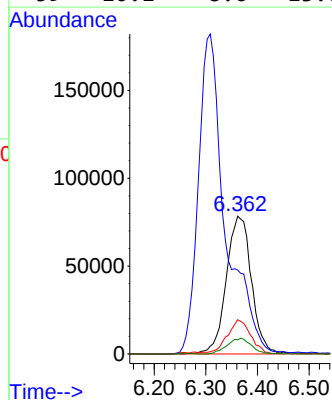
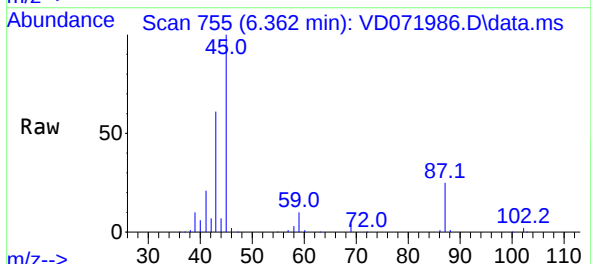
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

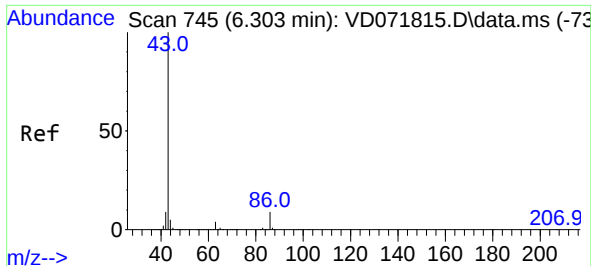
Tgt Ion: 96 Resp: 67852
Ion Ratio Lower Upper
96 100
61 152.5 117.9 176.9
98 64.9 49.4 74.2



#22
Diisopropyl ether
Concen: 20.910 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 45 Resp: 264043
Ion Ratio Lower Upper
45 100
43 59.4 46.6 70.0
87 24.6 18.4 27.6
59 10.1 8.6 13.0

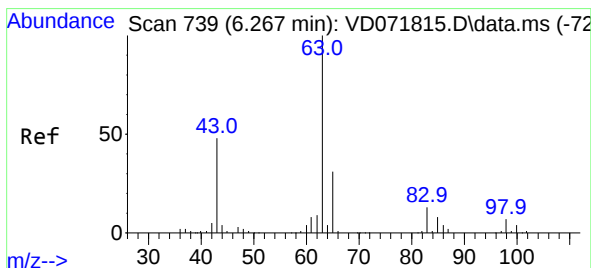
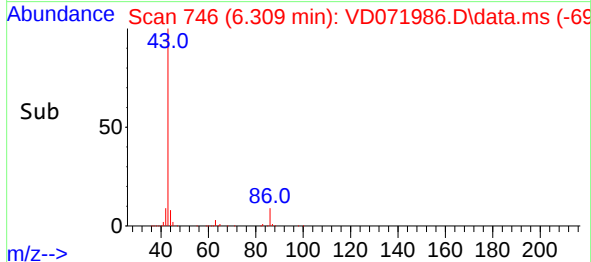
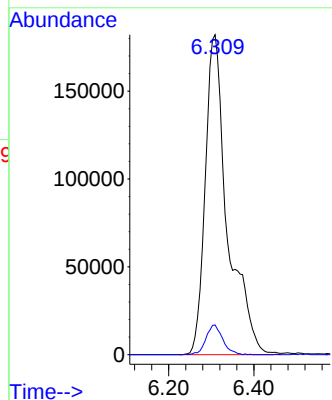
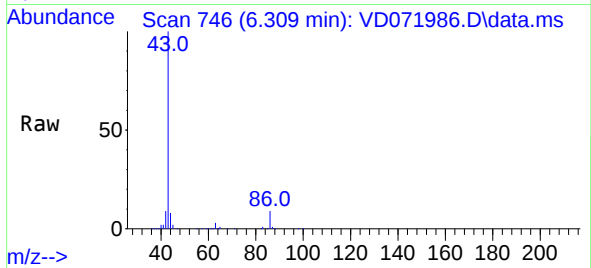




#23
 Vinyl Acetate
 Concen: 95.111 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD071986.D
 Acq: 16 Feb 2022 11:50

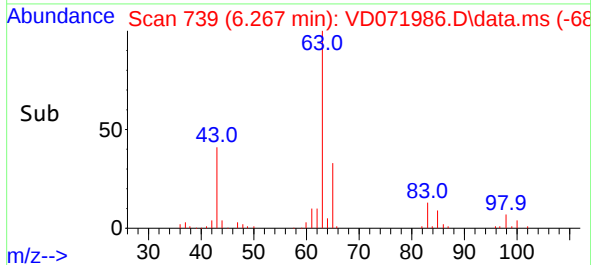
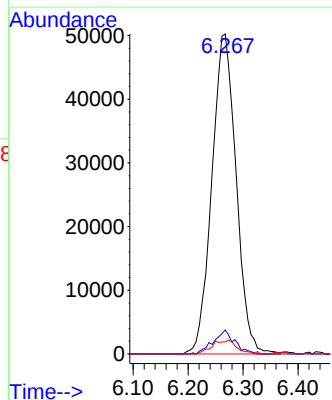
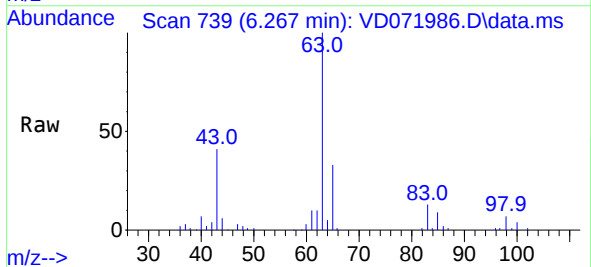
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0216SBS01

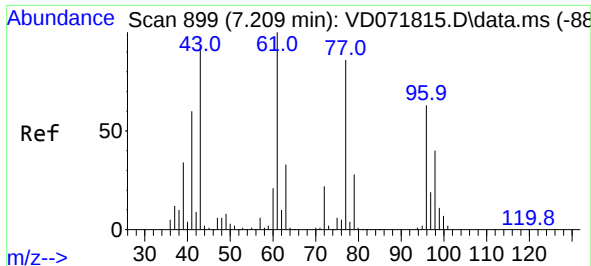
Tgt Ion: 43 Resp: 662560
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 20.963 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD071986.D
 Acq: 16 Feb 2022 11:50

Tgt Ion: 63 Resp: 154292
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 3.8 2.1 6.5

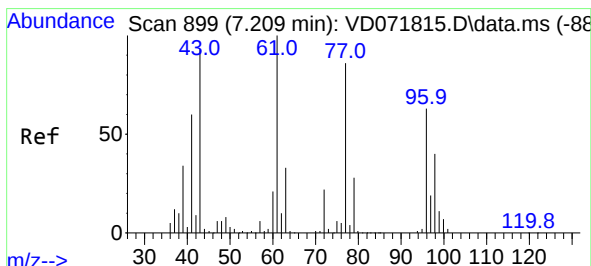
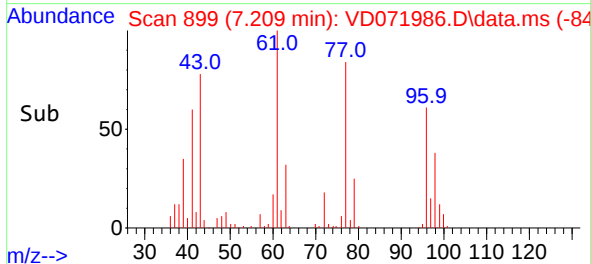
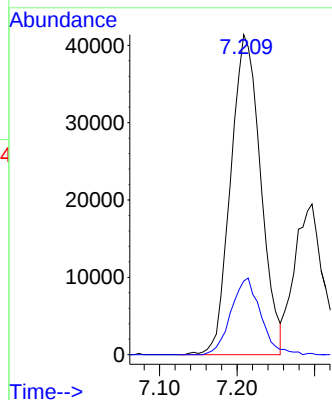
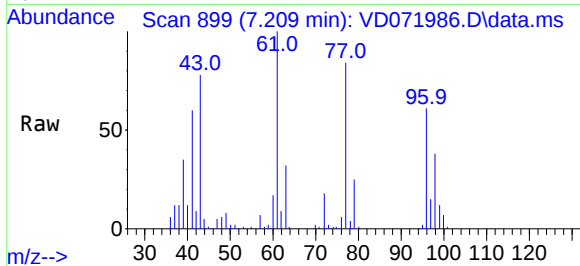




#25
2-Butanone
Concen: 89.857 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

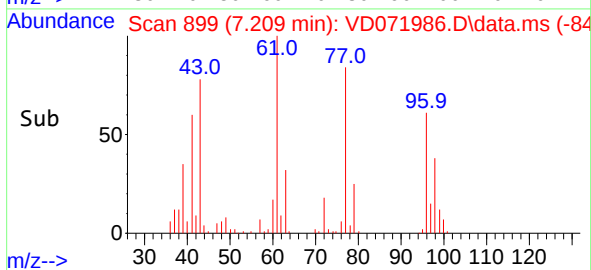
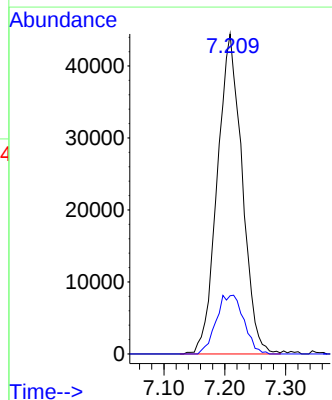
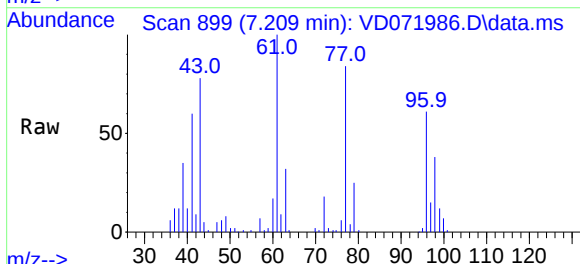
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

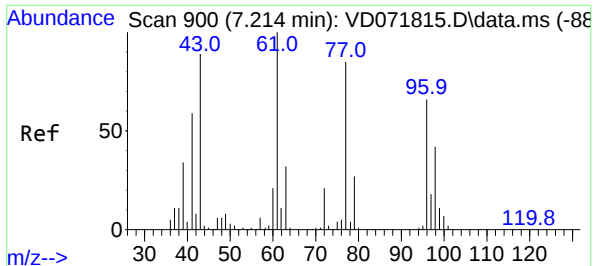
Tgt Ion: 43 Resp: 111508
Ion Ratio Lower Upper
43 100
72 23.0 18.6 27.8



#26
2,2-Dichloropropane
Concen: 20.636 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 77 Resp: 125693
Ion Ratio Lower Upper
77 100
97 20.5 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 19.352 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0216SBS01

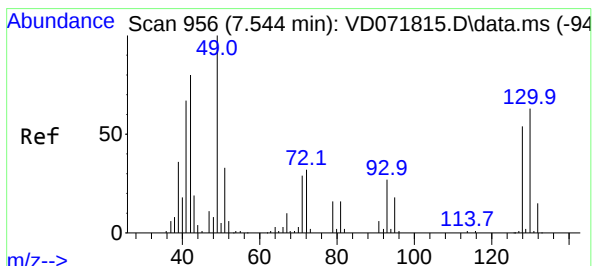
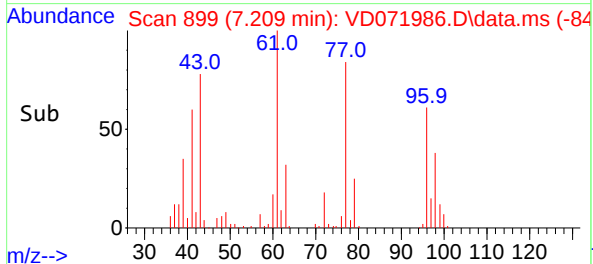
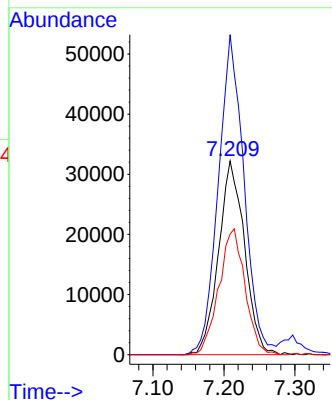
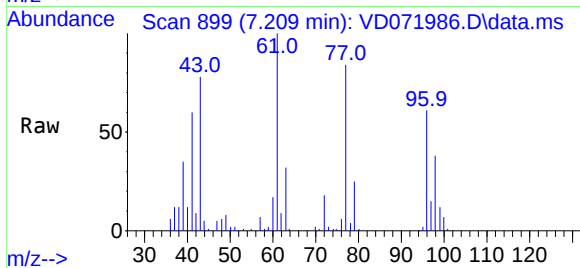
Tgt Ion: 96 Resp: 81785

Ion Ratio Lower Upper

96 100

61 163.4 0.0 313.8

98 65.4 0.0 128.8



#28

Bromochloromethane

Concen: 17.373 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.006 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

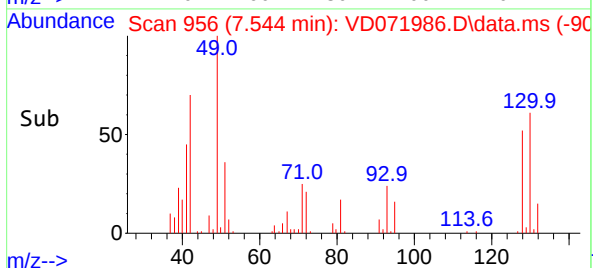
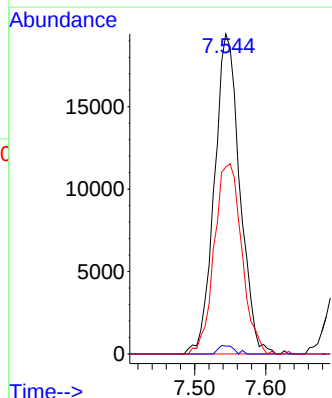
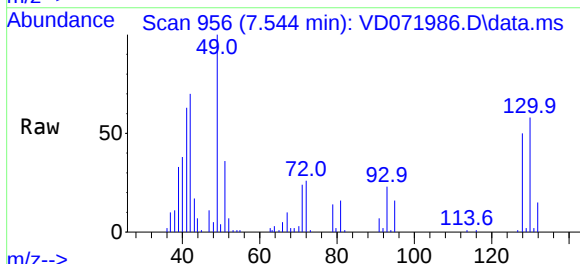
Tgt Ion: 49 Resp: 48231

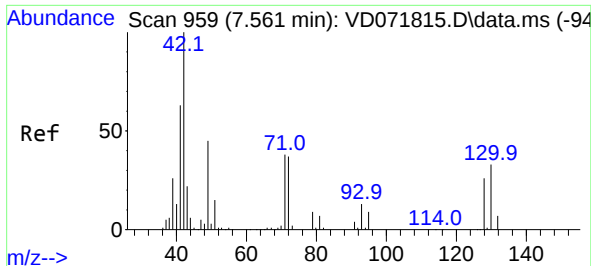
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 64.3 52.6 79.0

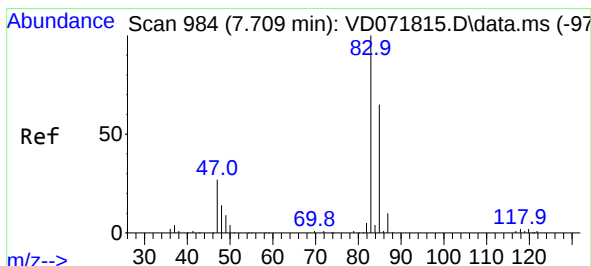
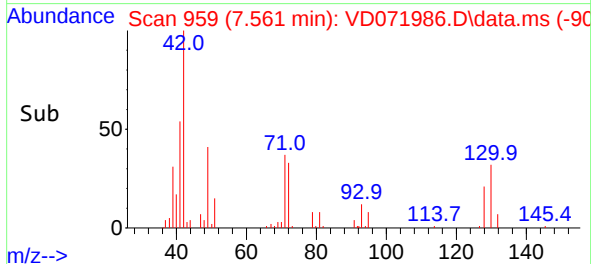
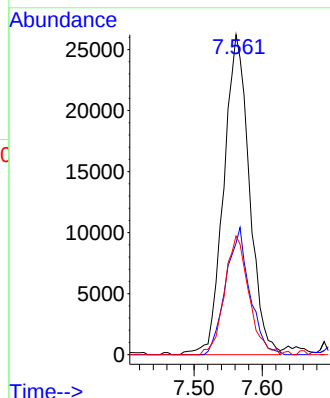
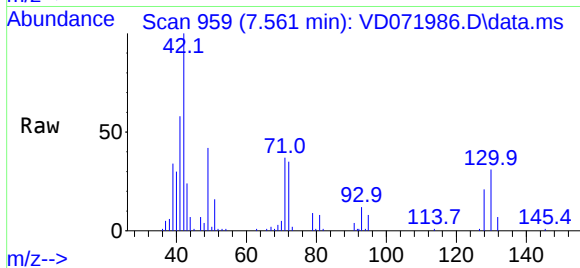




#29
Tetrahydrofuran
Concen: 93.341 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

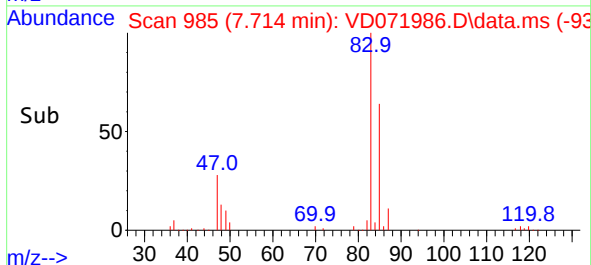
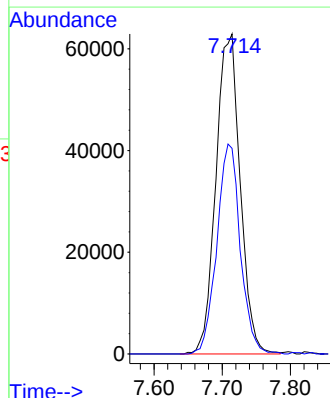
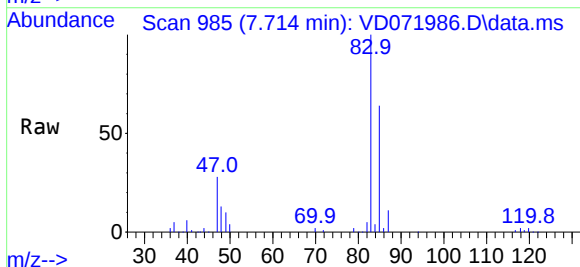
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

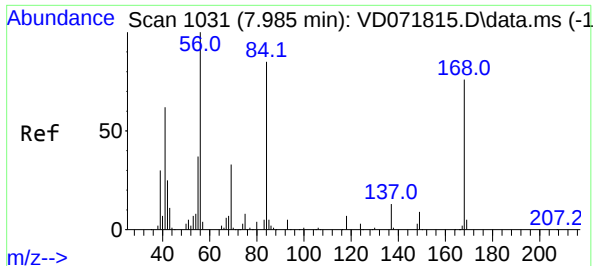
Tgt Ion:	42	Resp:	68536
Ion	Ratio	Lower	Upper
42	100		
72	37.1	30.7	46.1
71	35.4	28.6	43.0



#30
Chloroform
Concen: 20.741 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:	83	Resp:	155965
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.7	79.1





#31

Cyclohexane

Concen: 17.123 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0216SBS01

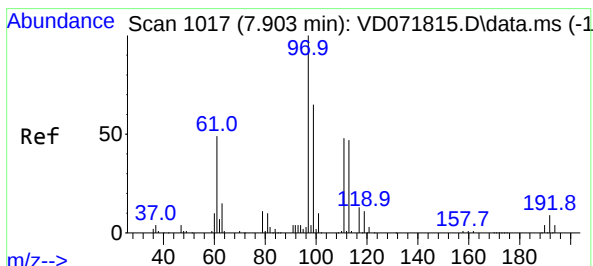
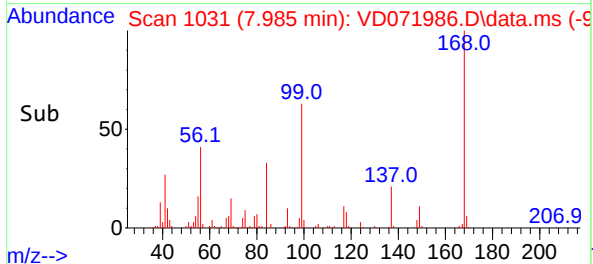
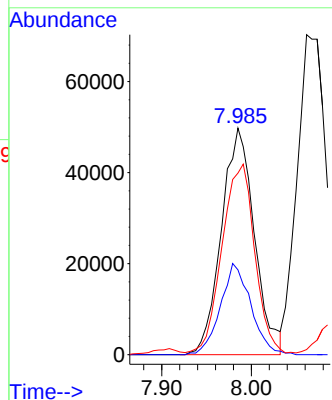
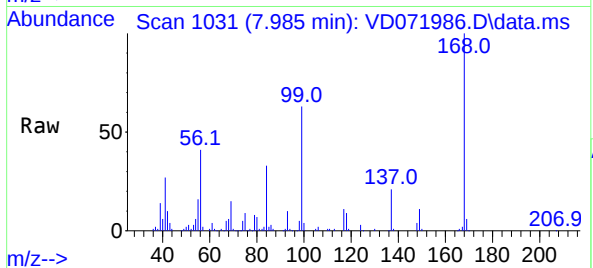
Tgt Ion: 56 Resp: 127116

Ion Ratio Lower Upper

56 100

69 37.4 25.4 38.2

84 79.0 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 20.279 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

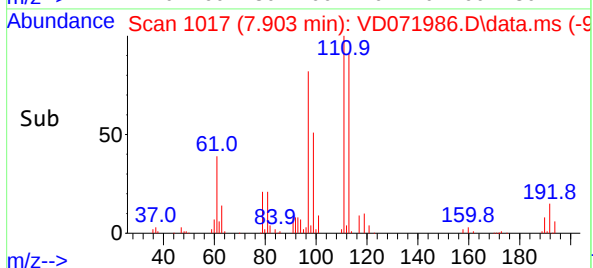
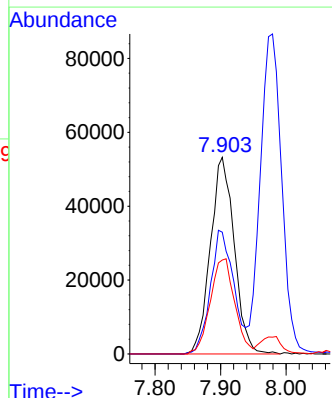
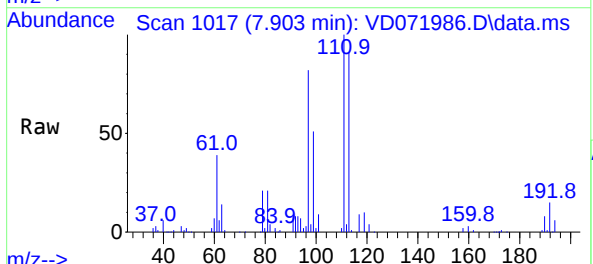
Tgt Ion: 97 Resp: 134499

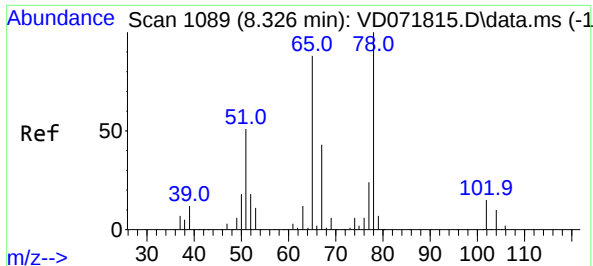
Ion Ratio Lower Upper

97 100

99 61.4 52.4 78.6

61 49.7 38.0 57.0

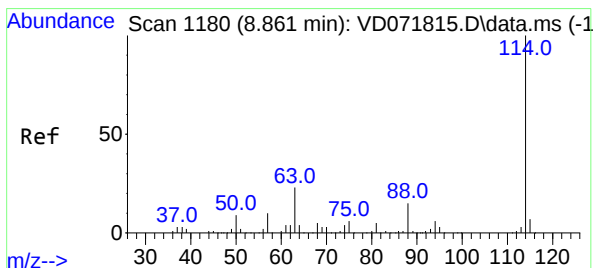
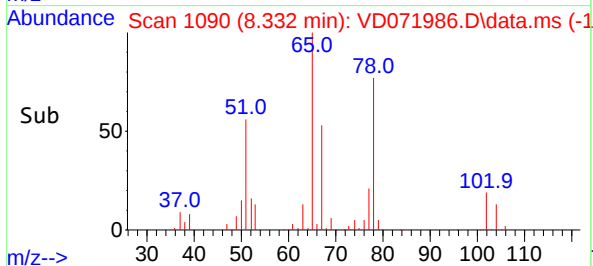
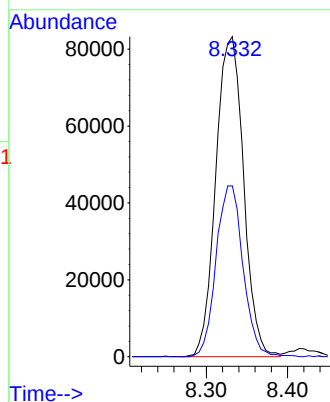
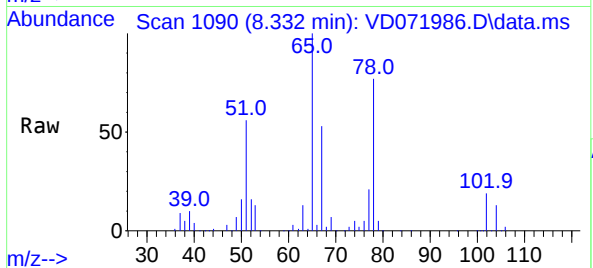




#33
1,2-Dichloroethane-d4
Concen: 50.879 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

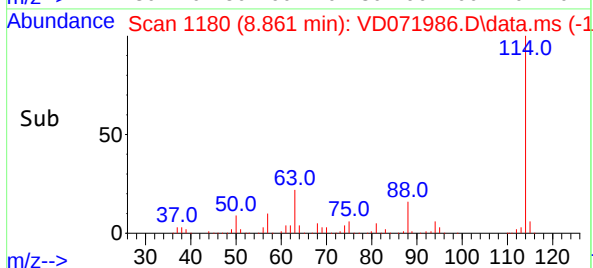
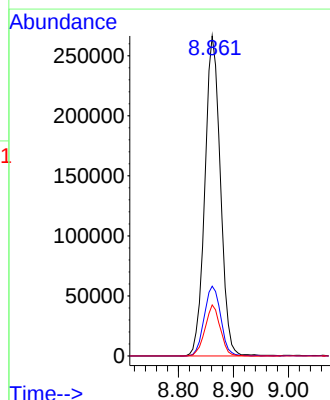
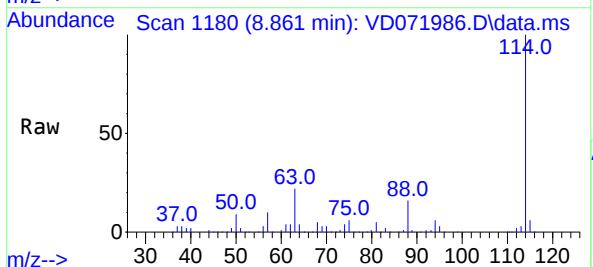
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

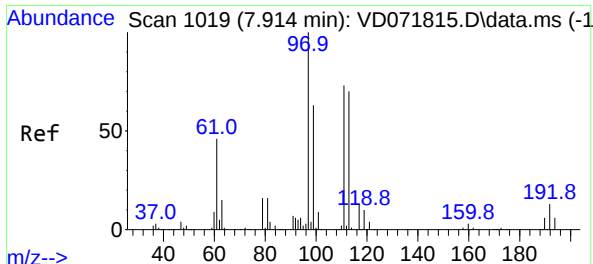
Tgt Ion: 65 Resp: 197849
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 114 Resp: 522722
Ion Ratio Lower Upper
114 100
63 21.8 0.0 46.6
88 15.9 0.0 33.2

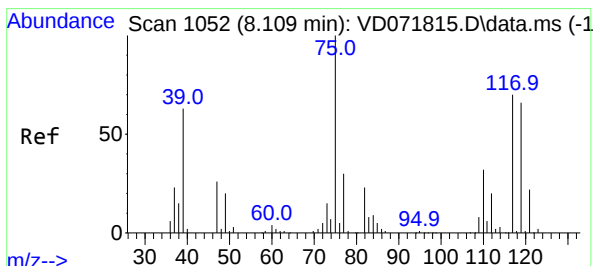
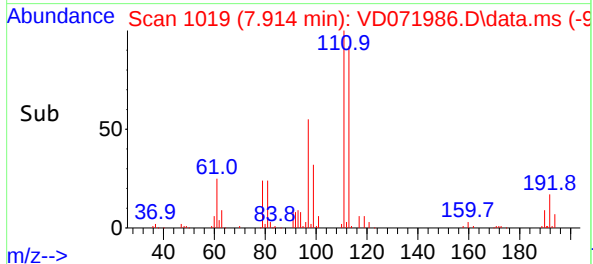
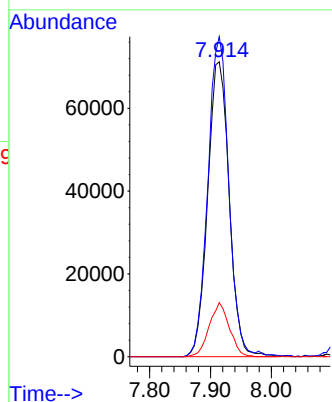
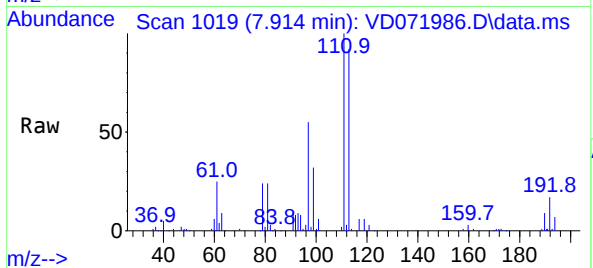




#35
Dibromofluoromethane
Concen: 50.804 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

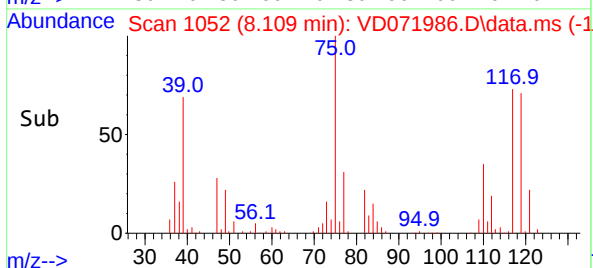
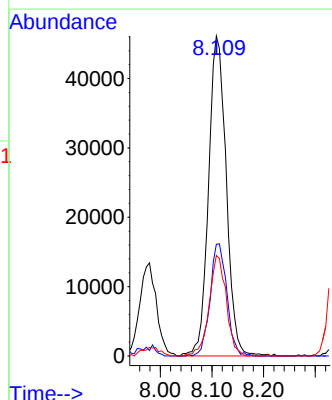
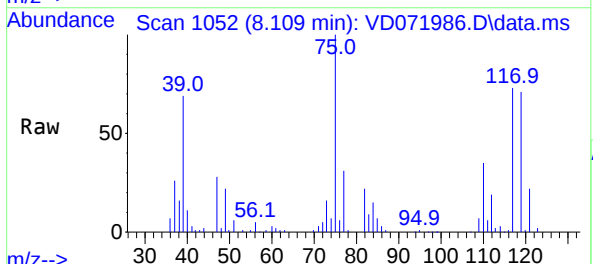
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

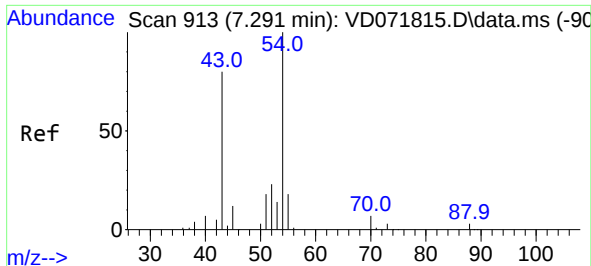
Tgt Ion:113 Resp: 174563
Ion Ratio Lower Upper
113 100
111 106.3 83.8 125.6
192 17.2 14.6 21.8



#36
1,1-Dichloropropene
Concen: 18.626 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 75 Resp: 109844
Ion Ratio Lower Upper
75 100
110 33.2 16.4 49.1
77 30.3 24.2 36.2





#37

Ethyl Acetate

Concen: 17.573 ug/l

RT: 7.297 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0216SBS01

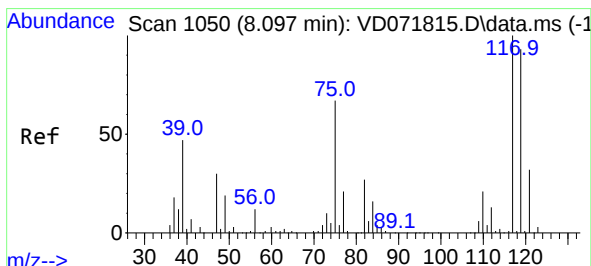
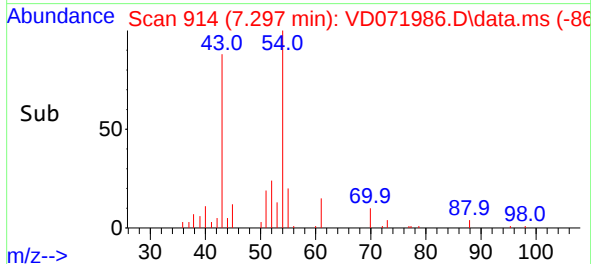
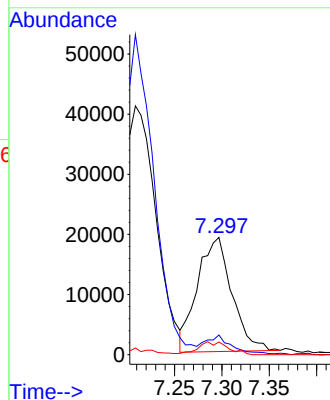
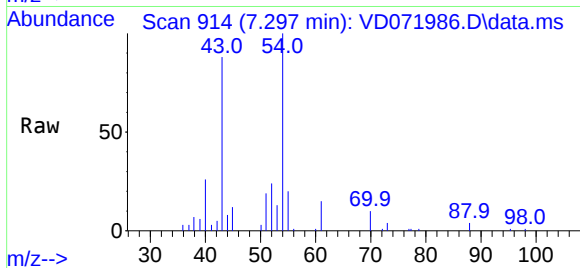
Tgt Ion: 43 Resp: 48182

Ion Ratio Lower Upper

43 100

61 13.4 9.8 14.8

70 9.9 6.9 10.3



#38

Carbon Tetrachloride

Concen: 19.536 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

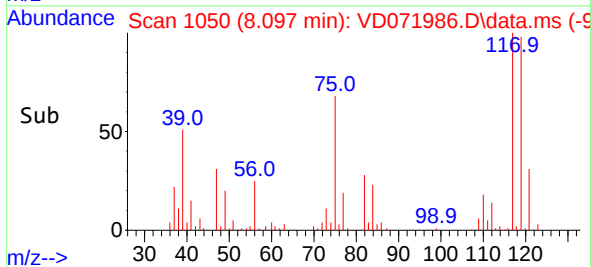
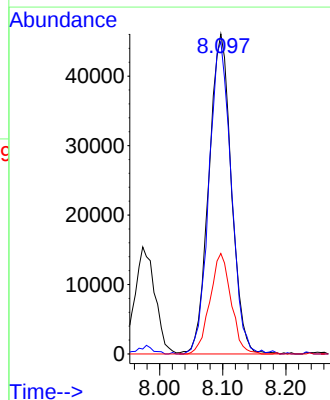
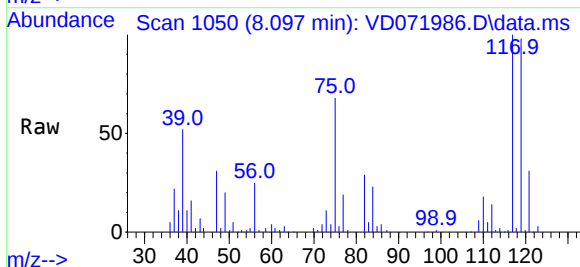
Tgt Ion: 117 Resp: 113938

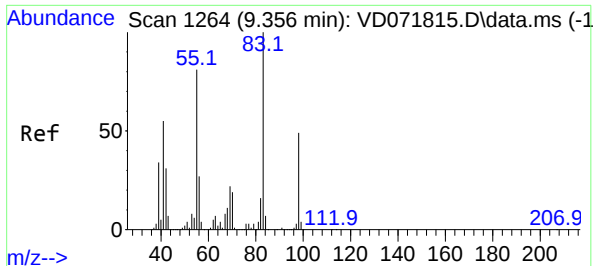
Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.6

121 31.4 24.5 36.7





#39

Methylcyclohexane

Concen: 16.375 ug/l

RT: 9.355 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0216SBSD01

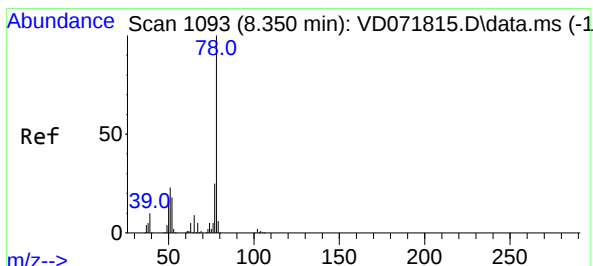
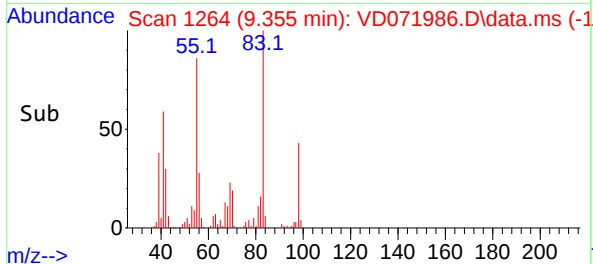
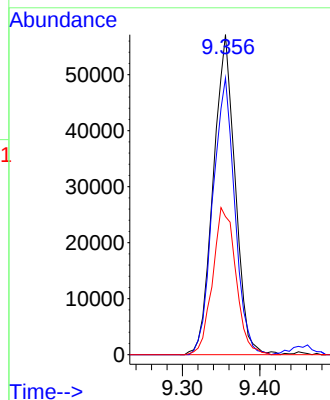
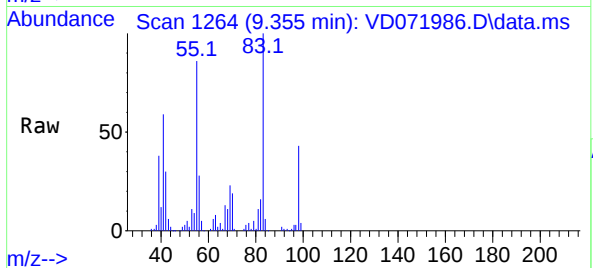
Tgt Ion: 83 Resp: 111895

Ion Ratio Lower Upper

83 100

55 86.5 63.2 94.8

98 43.2 38.2 57.4



#40

Benzene

Concen: 19.102 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD071986.D

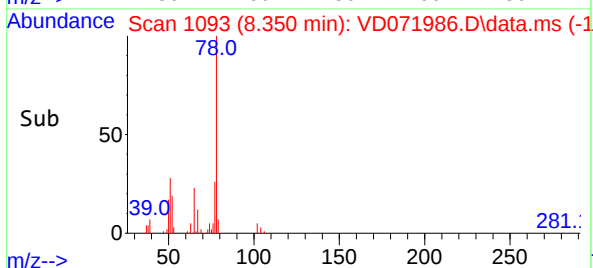
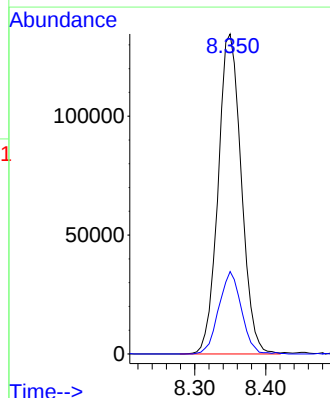
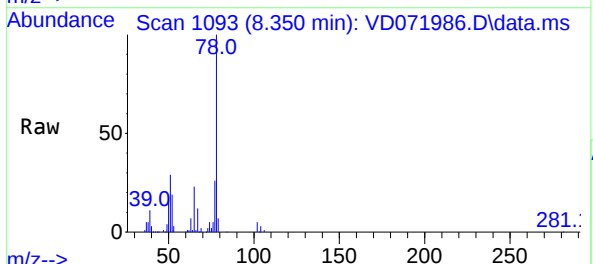
Acq: 16 Feb 2022 11:50

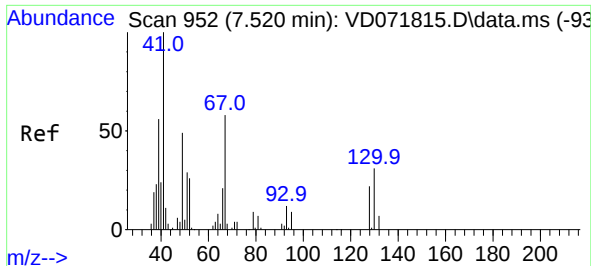
Tgt Ion: 78 Resp: 304082

Ion Ratio Lower Upper

78 100

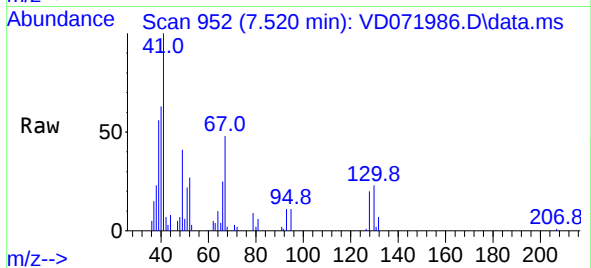
77 25.7 19.1 28.7





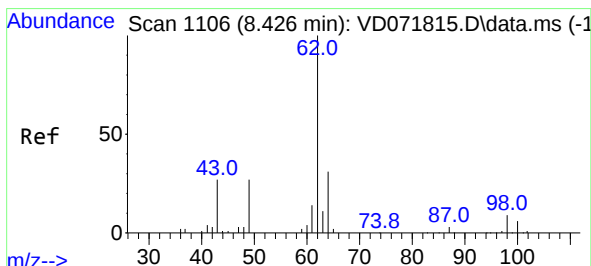
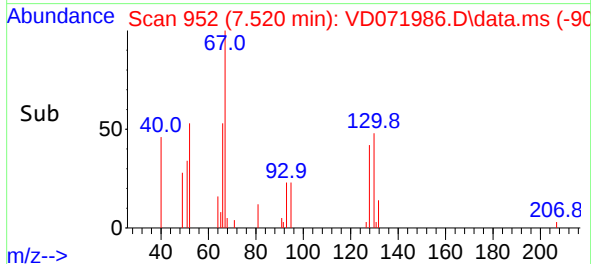
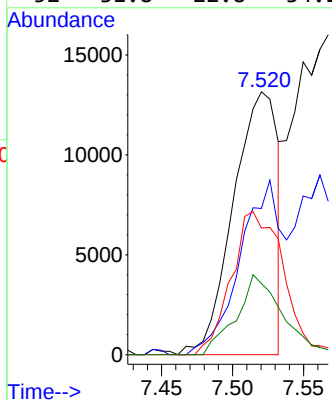
#41
Methacrylonitrile
Concen: 18.435 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01



Tgt Ion: 41 Resp: 28596

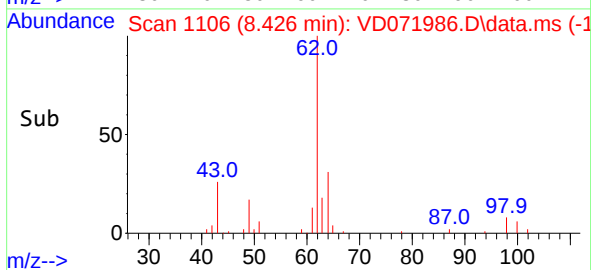
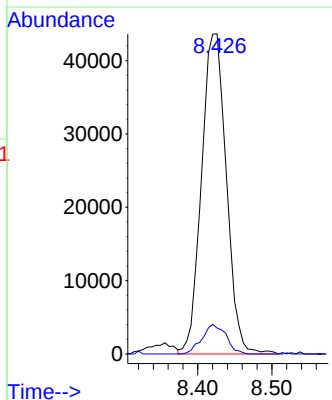
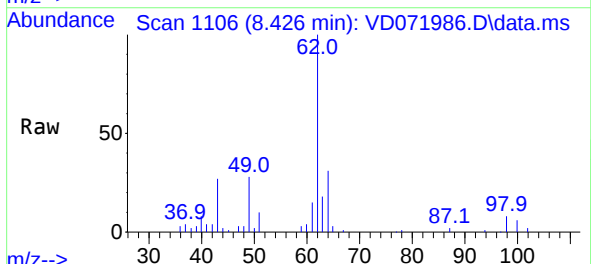
Ion	Ratio	Lower	Upper
41	100		
39	63.7	44.6	67.0
67	63.8	48.2	72.4
52	31.8	22.8	34.2

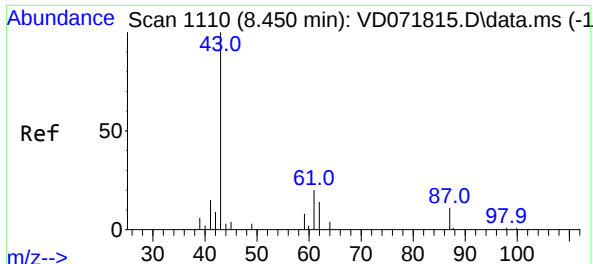


#42
1,2-Dichloroethane
Concen: 20.245 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 62 Resp: 101770

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6

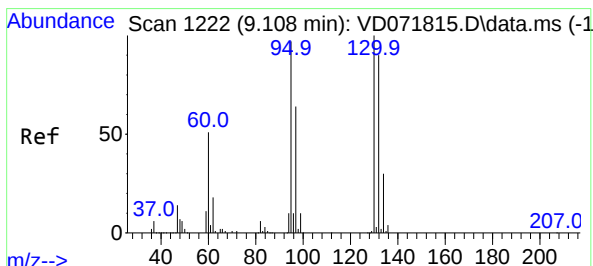
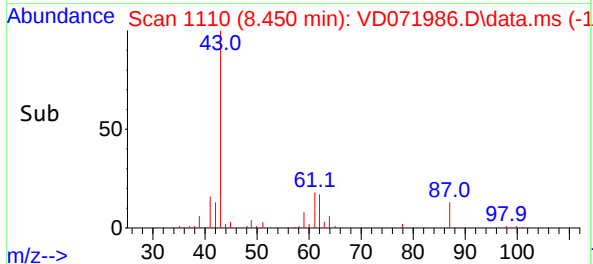
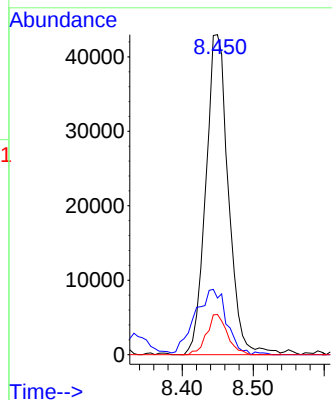
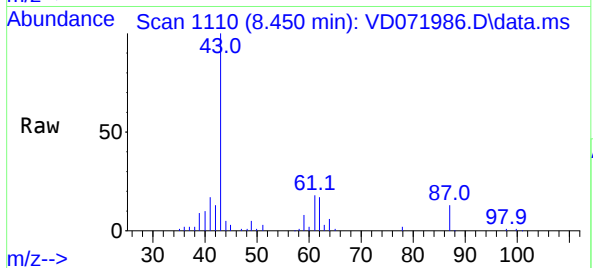




#43
Isopropyl Acetate
Concen: 19.273 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

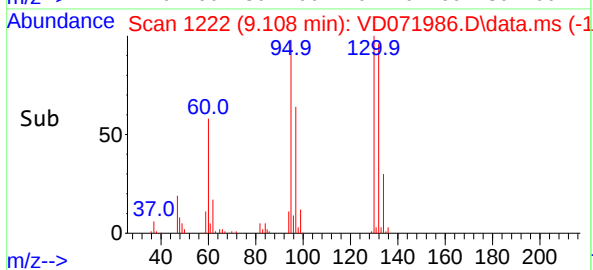
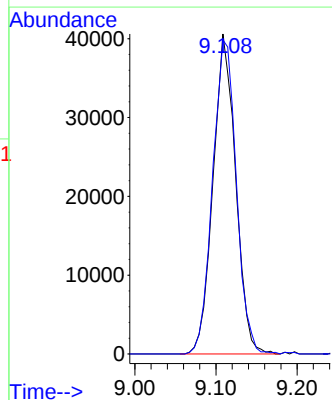
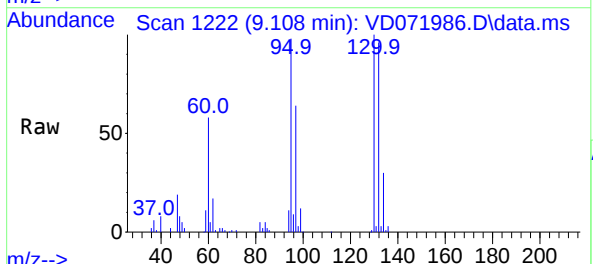
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

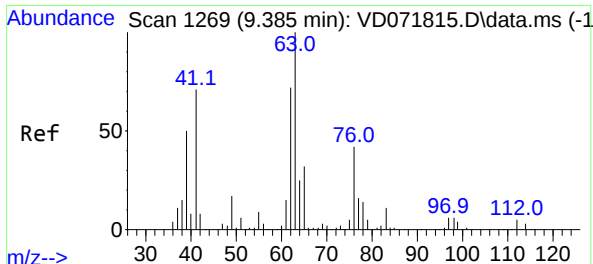
Tgt Ion: 43 Resp: 94975
Ion Ratio Lower Upper
43 100
61 28.4 22.4 33.6
87 11.5 8.7 13.1



#44
Trichloroethene
Concen: 19.068 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:130 Resp: 78377
Ion Ratio Lower Upper
130 100
95 98.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 21.351 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

Instrument :

MSVOA_D

ClientSampleId :

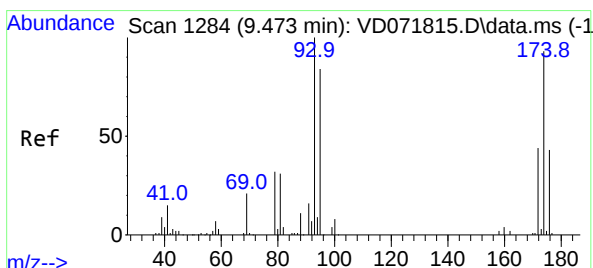
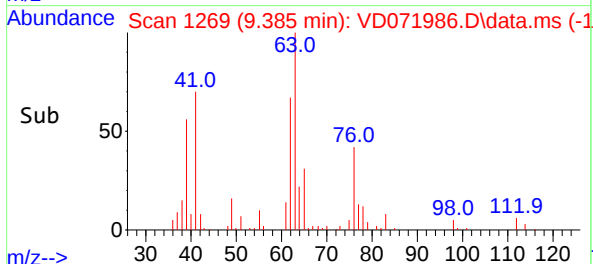
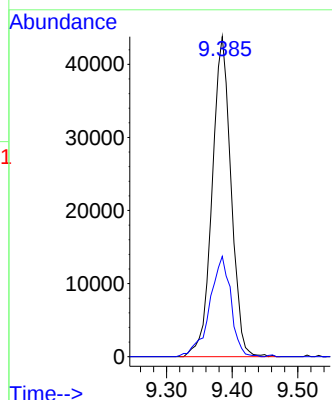
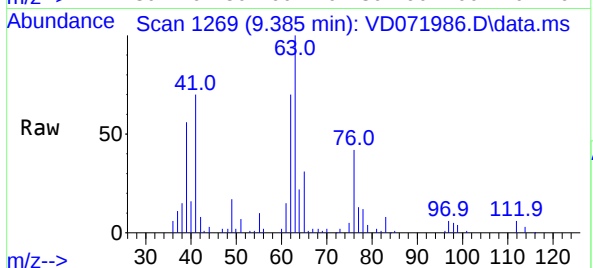
VD0216SBS01

Tgt Ion: 63 Resp: 87642

Ion Ratio Lower Upper

63 100

65 31.3 26.2 39.4



#46

Dibromomethane

Concen: 19.503 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

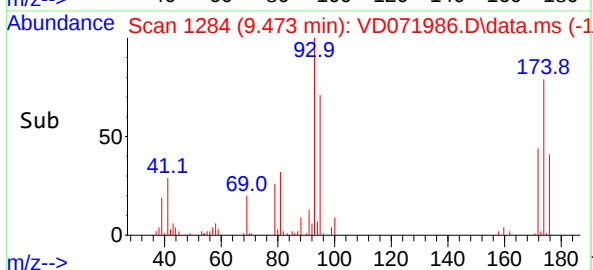
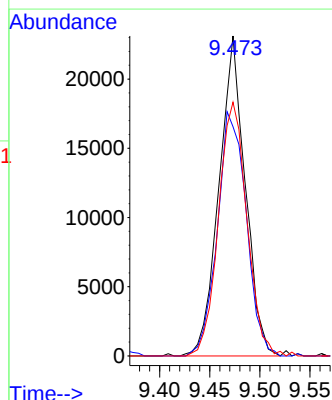
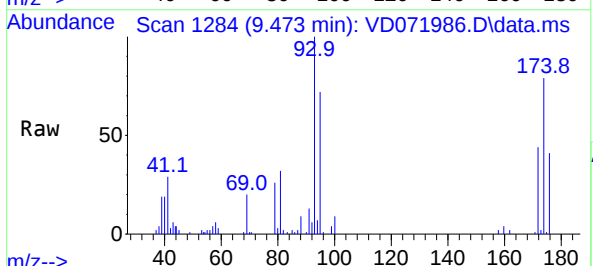
Tgt Ion: 93 Resp: 41916

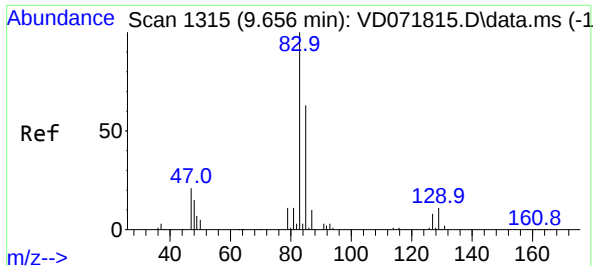
Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

174 86.2 71.6 107.4

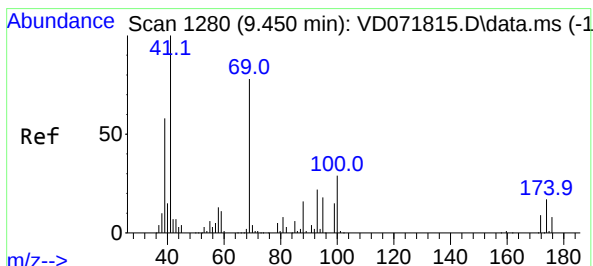
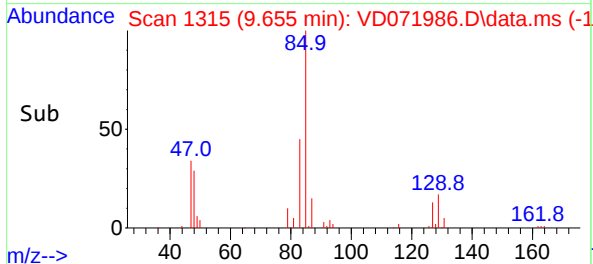
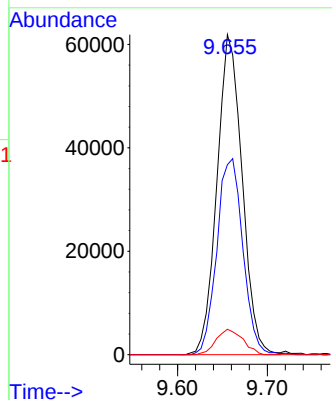
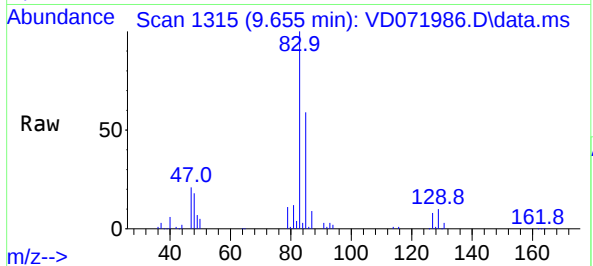




#47
Bromodichloromethane
Concen: 21.210 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

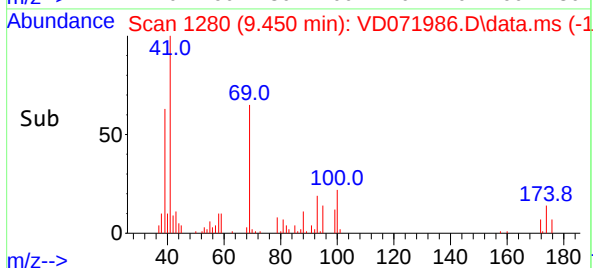
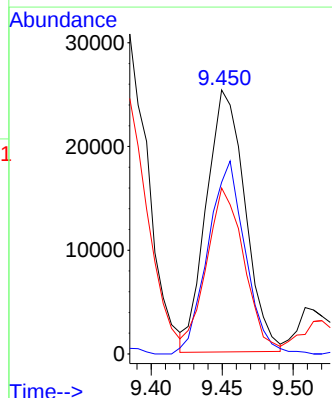
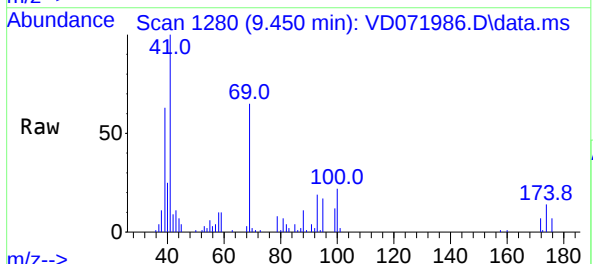
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

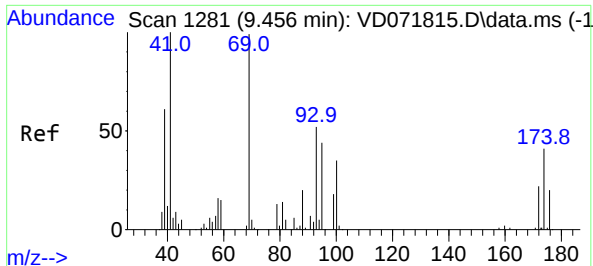
Tgt Ion: 83 Resp: 120562
Ion Ratio Lower Upper
83 100
85 59.4 51.4 77.0
127 7.9 6.1 9.1



#48
Methyl methacrylate
Concen: 18.389 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 41 Resp: 47959
Ion Ratio Lower Upper
41 100
69 70.9 56.7 85.1
39 62.5 42.7 64.1

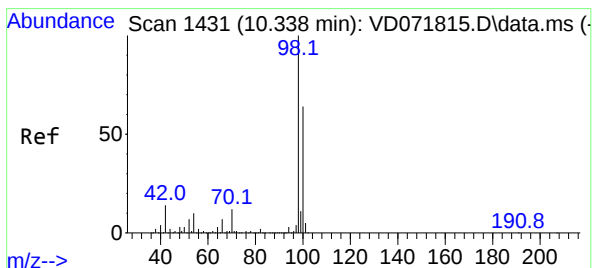
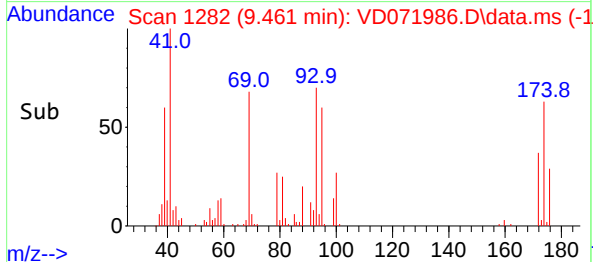
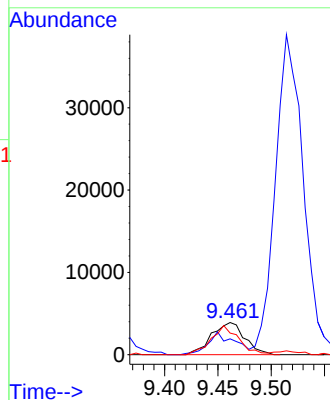
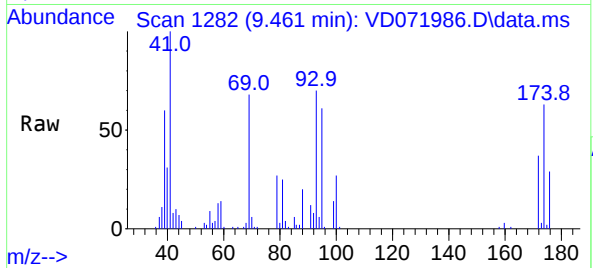




#49
1,4-Dioxane
Concen: 345.229 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

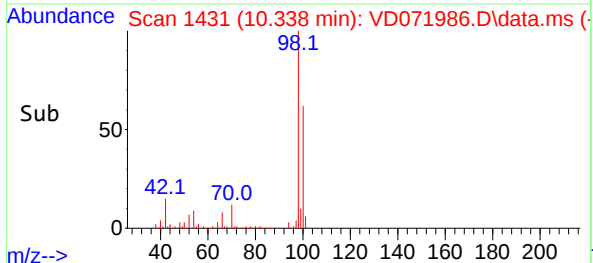
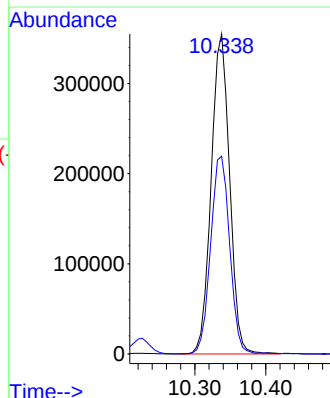
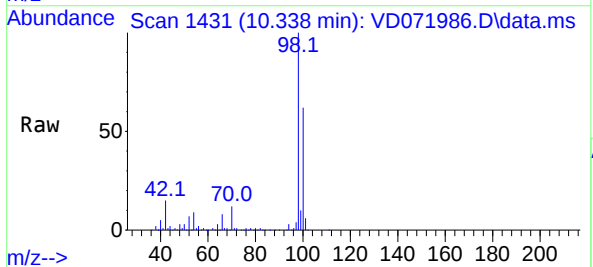
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

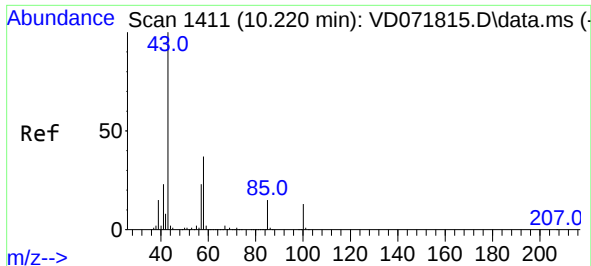
Tgt Ion: 88 Resp: 8469
Ion Ratio Lower Upper
88 100
43 56.0 31.0 46.4#
58 75.1 58.1 87.1



#50
Toluene-d8
Concen: 49.763 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 98 Resp: 638580
Ion Ratio Lower Upper
98 100
100 63.8 52.4 78.6

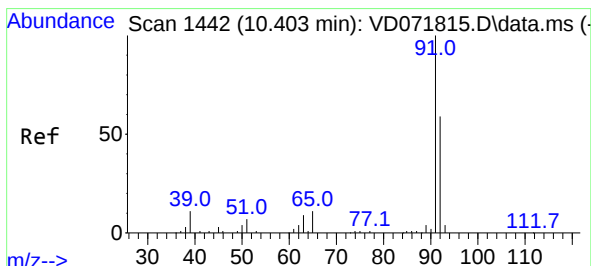
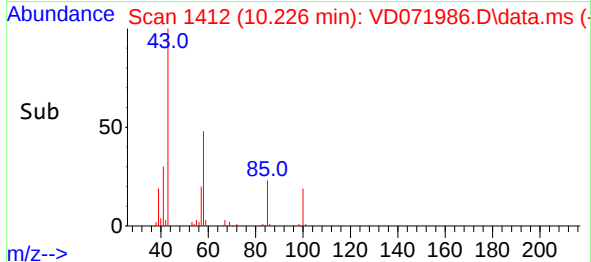
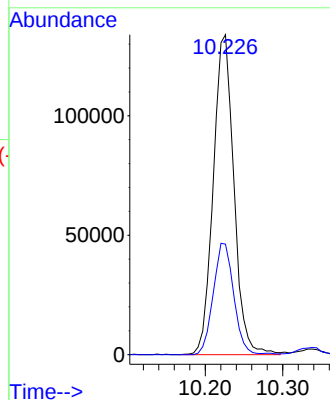
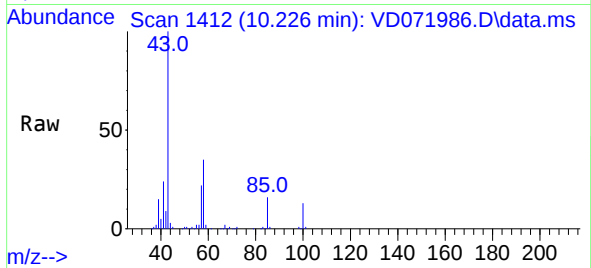




#51
4-Methyl-2-Pentanone
Concen: 96.185 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

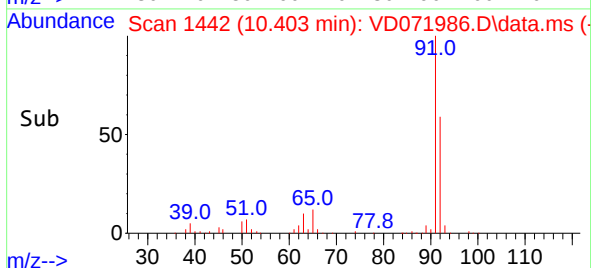
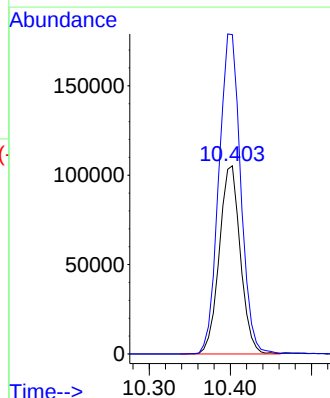
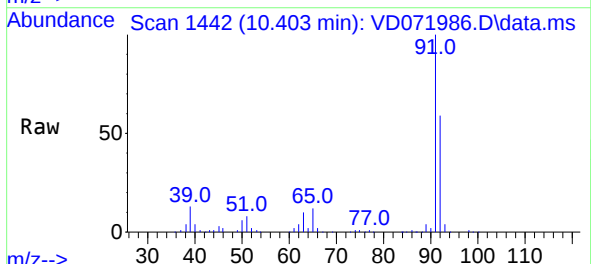
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

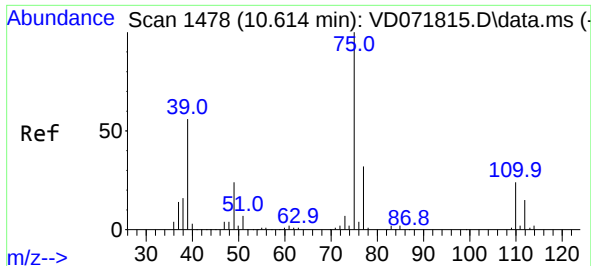
Tgt Ion: 43 Resp: 248046
Ion Ratio Lower Upper
43 100
58 34.4 28.6 43.0



#52
Toluene
Concen: 19.173 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 92 Resp: 189799
Ion Ratio Lower Upper
92 100
91 176.9 139.6 209.4

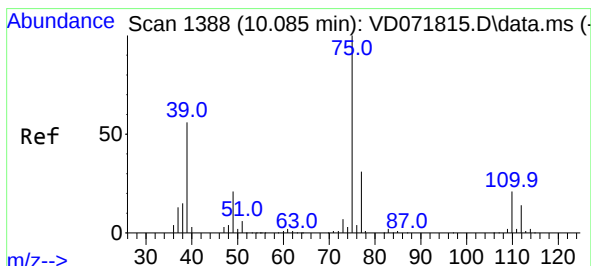
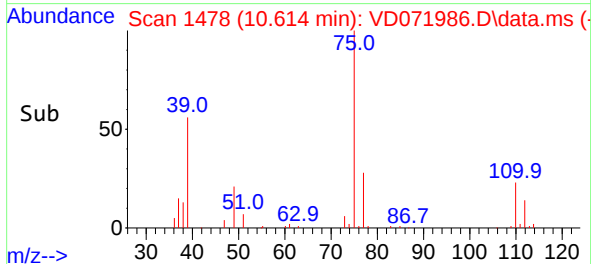
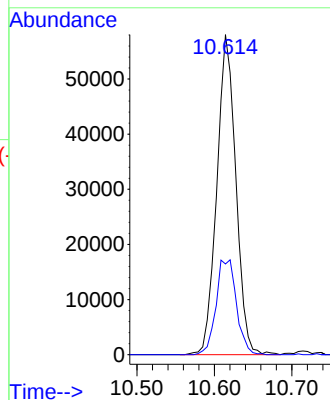
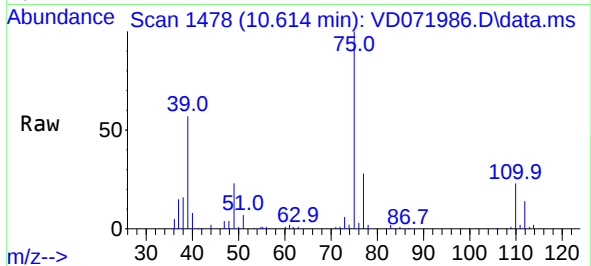




#53
 t-1,3-Dichloropropene
 Concen: 19.022 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071986.D
 Acq: 16 Feb 2022 11:50

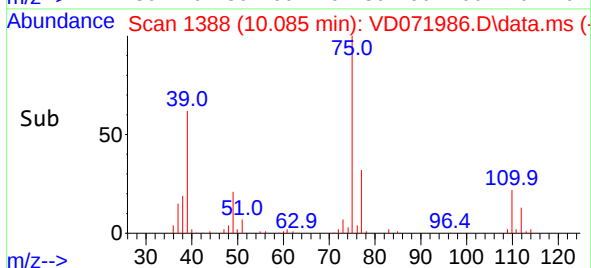
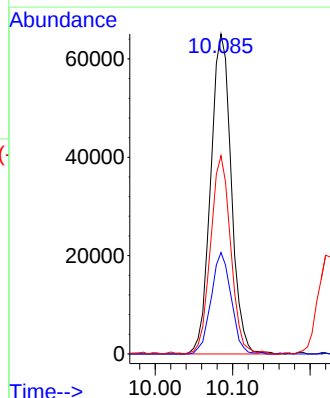
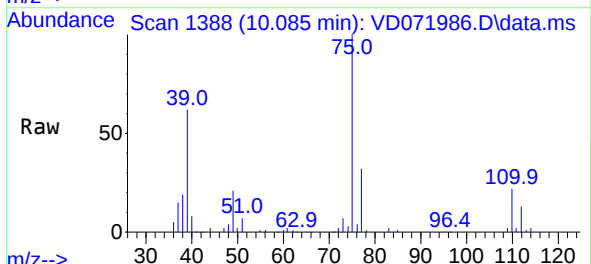
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0216SBS01

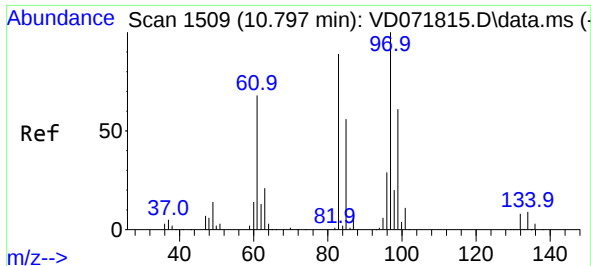
Tgt Ion: 75 Resp: 99308
 Ion Ratio Lower Upper
 75 100
 77 28.4 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.602 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD071986.D
 Acq: 16 Feb 2022 11:50

Tgt Ion: 75 Resp: 119957
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.8 37.2
 39 62.0 46.8 70.2

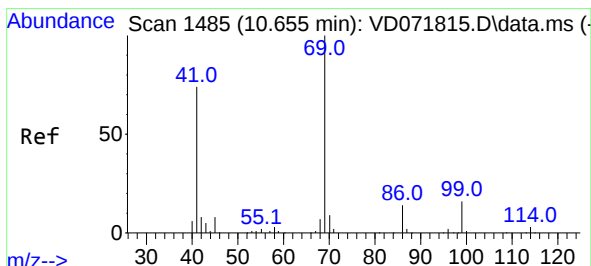
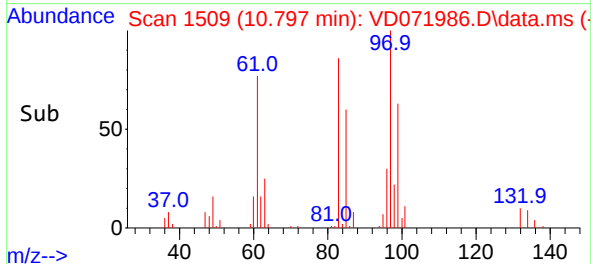
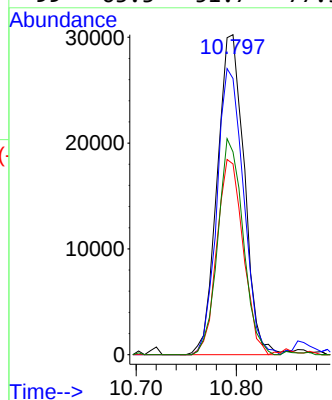
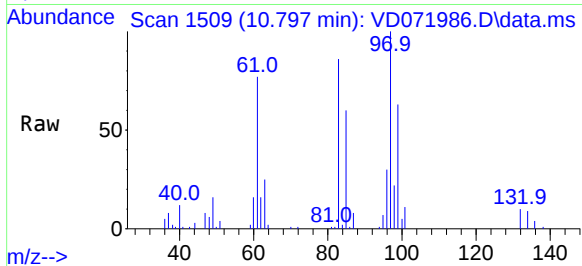




#55
1,1,2-Trichloroethane
Concen: 19.851 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

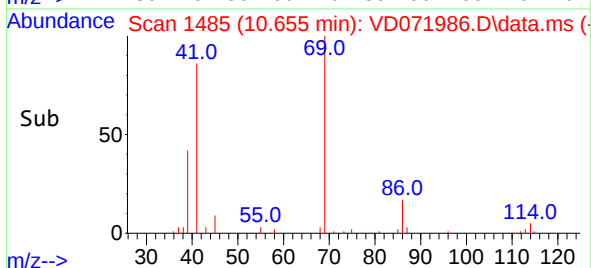
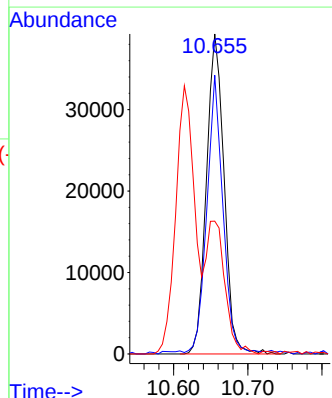
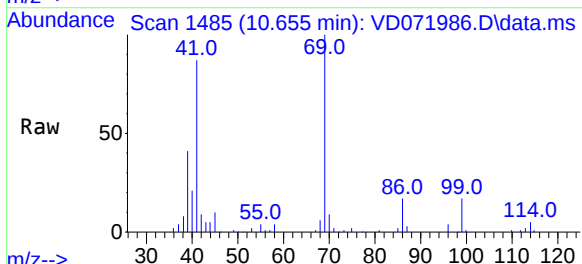
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

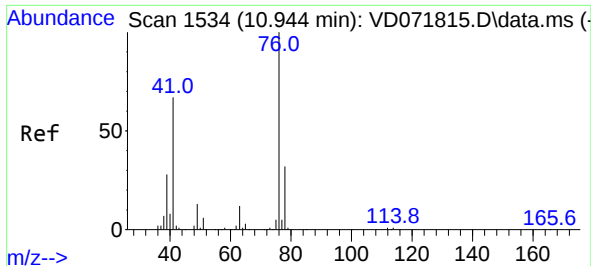
Tgt Ion:	97	Resp:	56625
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.4
85	59.6	42.6	63.8
99	63.3	51.7	77.5



#56
Ethyl methacrylate
Concen: 18.352 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:	69	Resp:	64813
Ion	Ratio	Lower	Upper
69	100		
41	78.5	63.0	94.6
39	44.4	33.8	50.8





#57

1,3-Dichloropropane

Concen: 20.285 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

Instrument :

MSVOA_D

ClientSampleId :

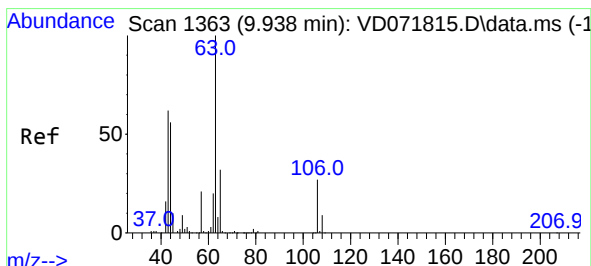
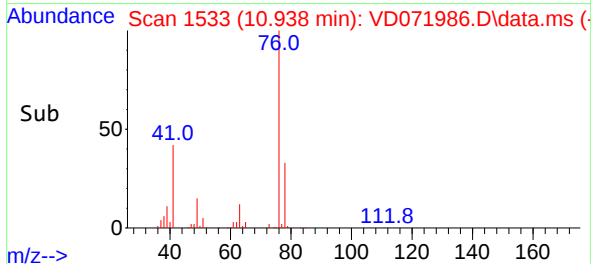
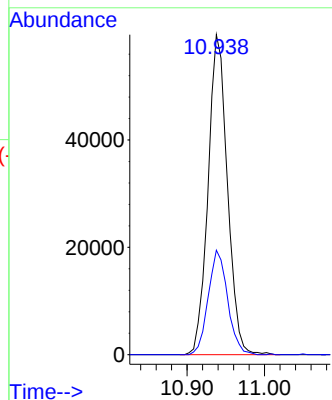
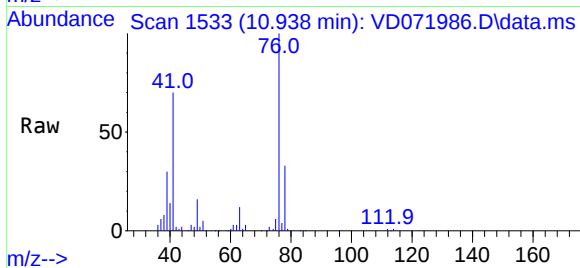
VD0216SBSD01

Tgt Ion: 76 Resp: 103298

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.777 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD071986.D

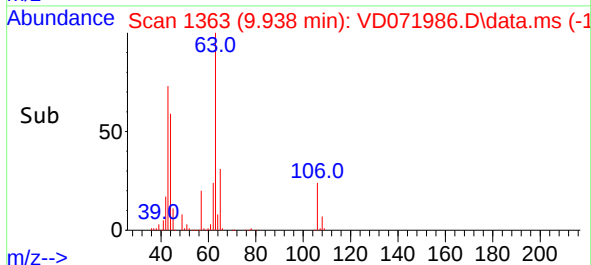
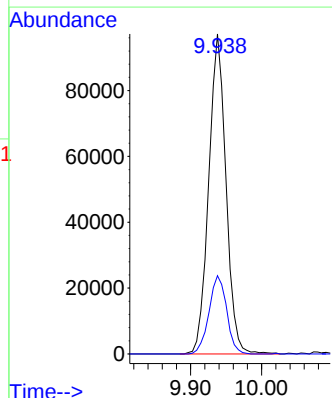
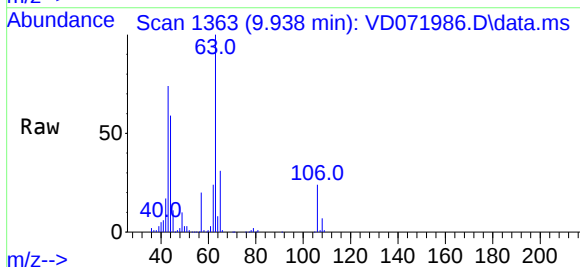
Acq: 16 Feb 2022 11:50

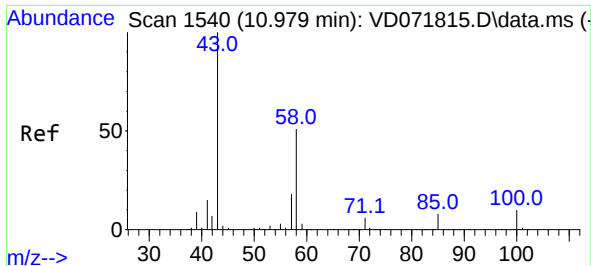
Tgt Ion: 63 Resp: 164220

Ion Ratio Lower Upper

63 100

106 25.0 21.4 32.0

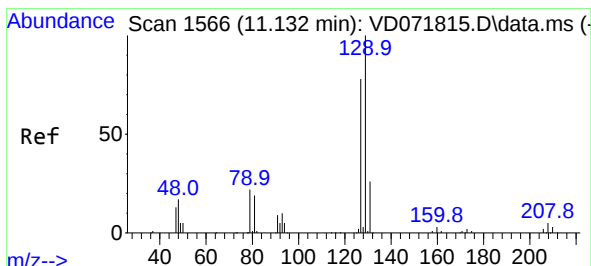
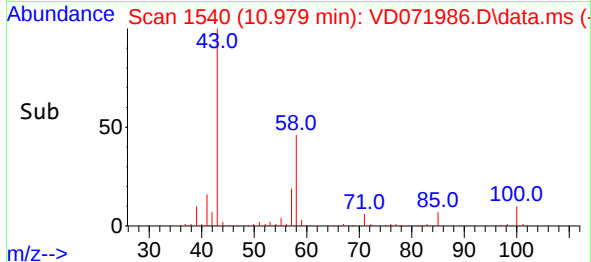
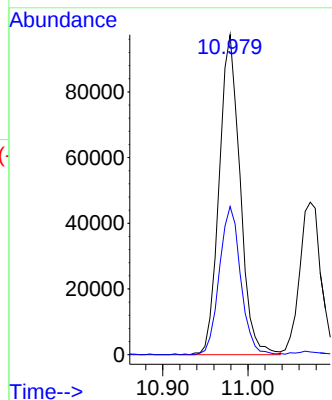
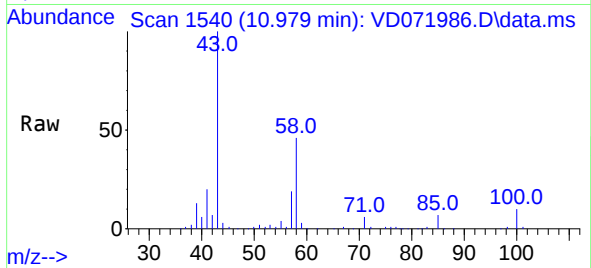




#59
2-Hexanone
Concen: 88.579 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

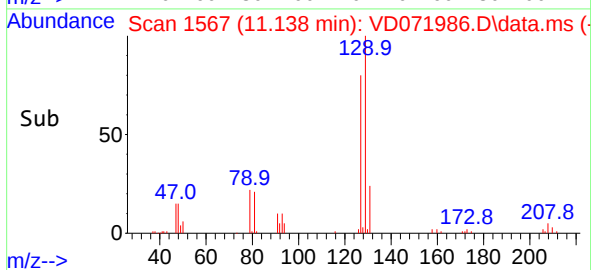
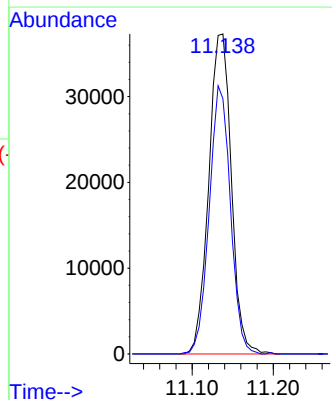
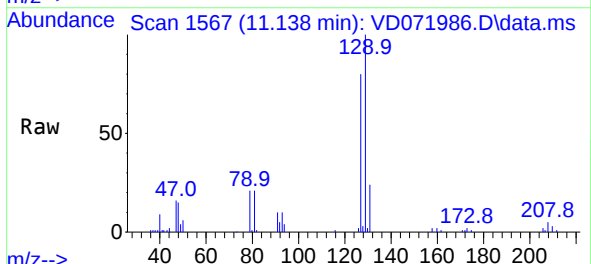
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

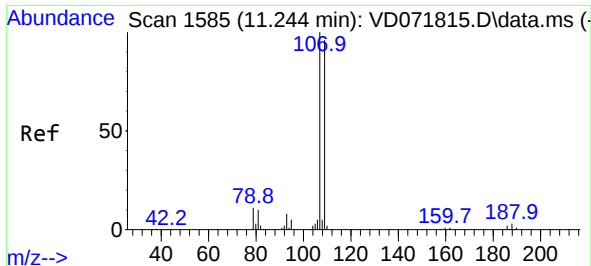
Tgt Ion: 43 Resp: 165797
Ion Ratio Lower Upper
43 100
58 47.3 25.3 75.9



#60
Dibromochloromethane
Concen: 20.490 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 129 Resp: 72173
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6

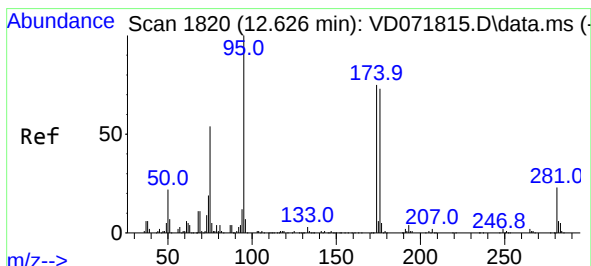
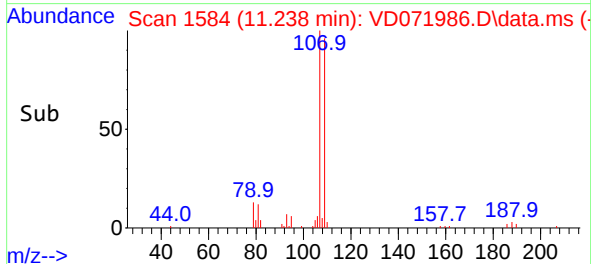
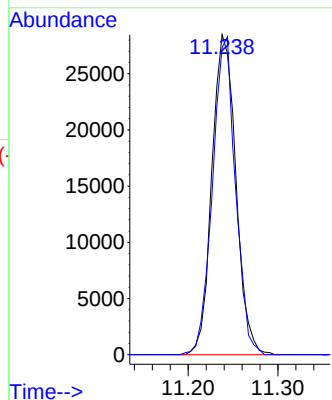
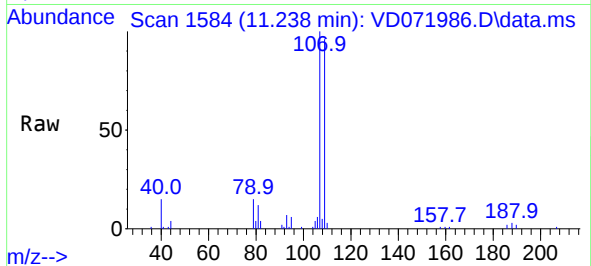




#61
1,2-Dibromoethane
Concen: 19.175 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

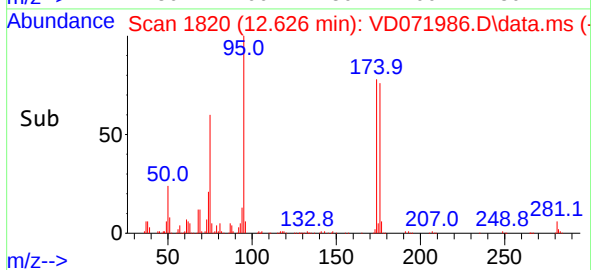
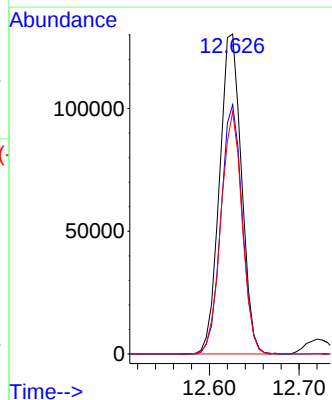
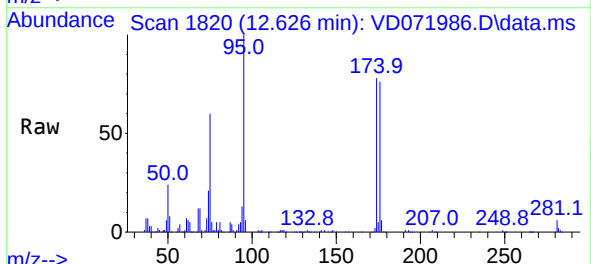
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

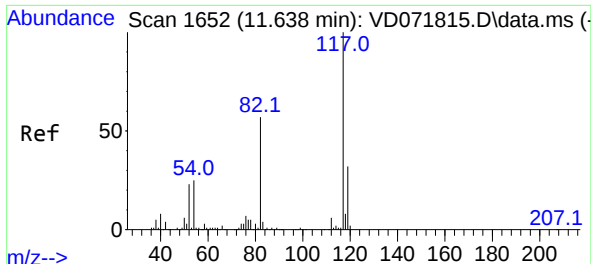
Tgt Ion:107 Resp: 52697
Ion Ratio Lower Upper
107 100
109 95.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.441 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 95 Resp: 221557
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 73.1 0.0 145.4

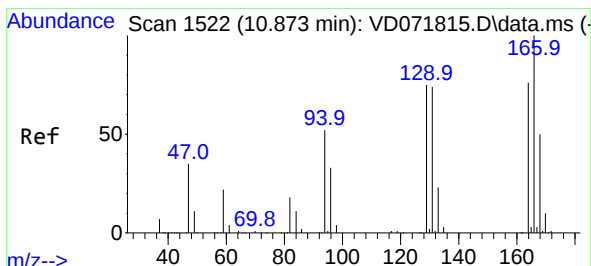
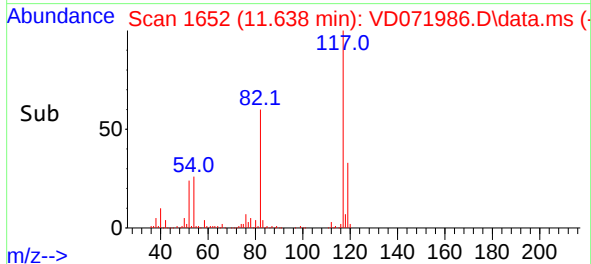
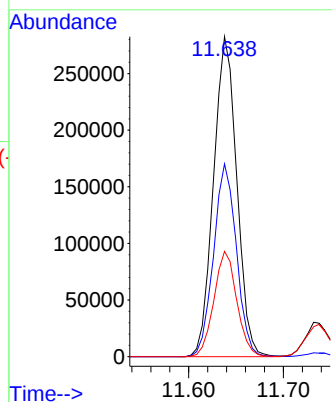
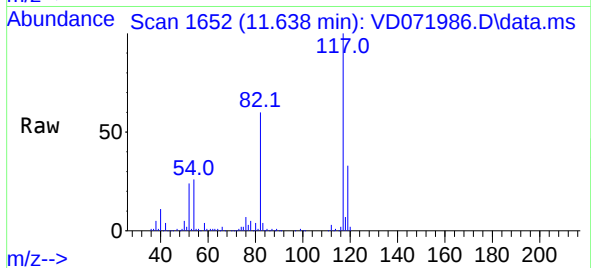




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

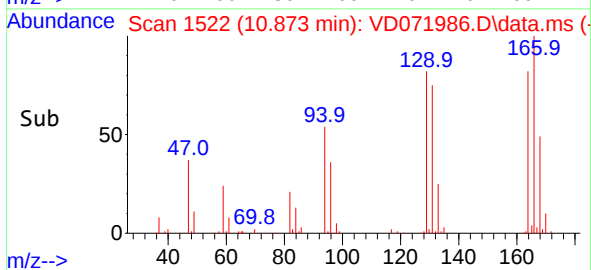
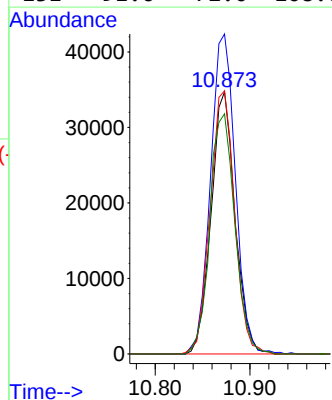
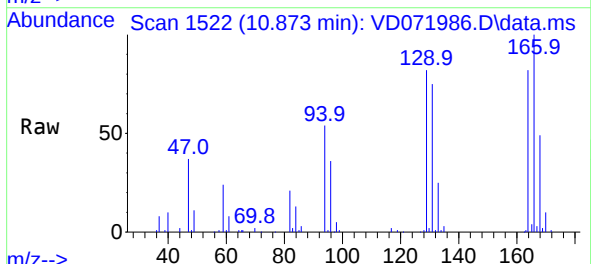
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

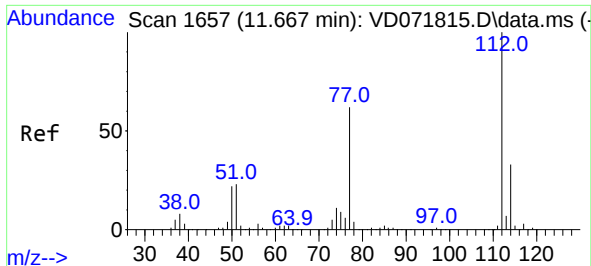
Tgt Ion:117 Resp: 482311
Ion Ratio Lower Upper
117 100
82 60.2 45.3 67.9
119 32.9 26.6 40.0



#64
Tetrachloroethene
Concen: 17.890 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:164 Resp: 61034
Ion Ratio Lower Upper
164 100
166 122.1 98.5 147.7
129 100.4 74.6 111.8
131 91.6 72.0 108.0

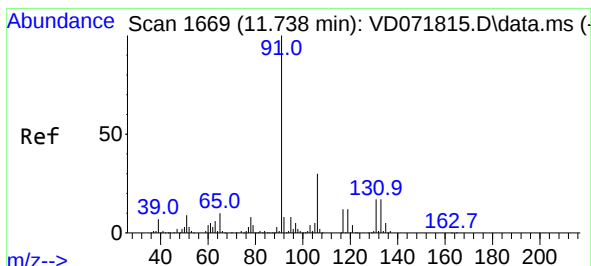
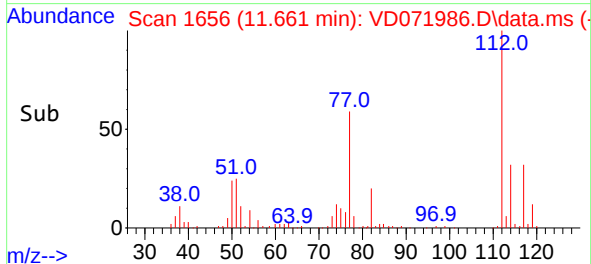
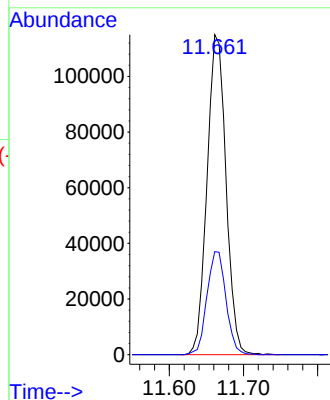
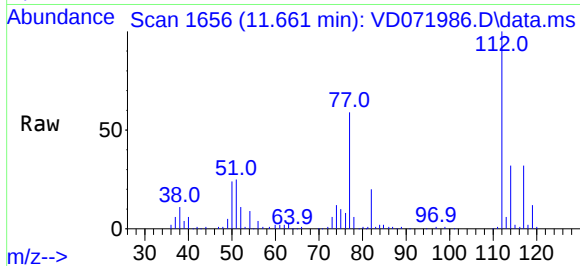




#65
Chlorobenzene
Concen: 20.020 ug/l
RT: 11.661 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

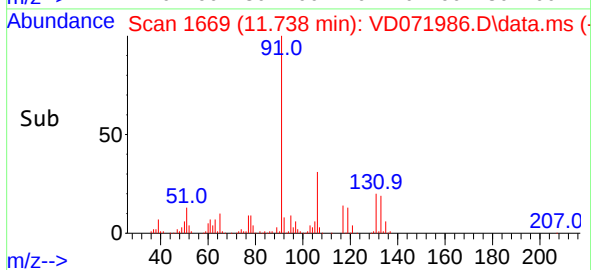
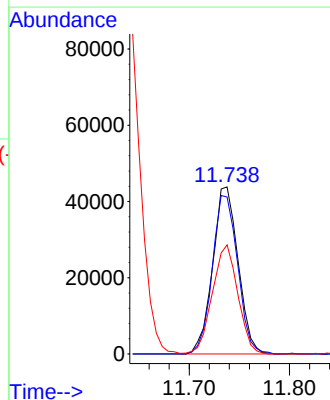
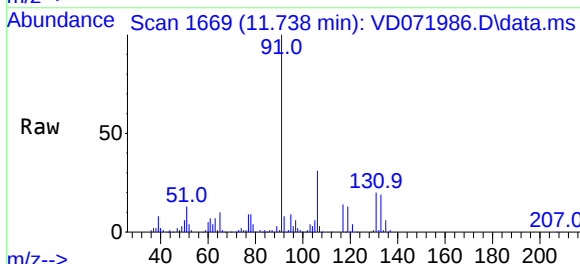
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

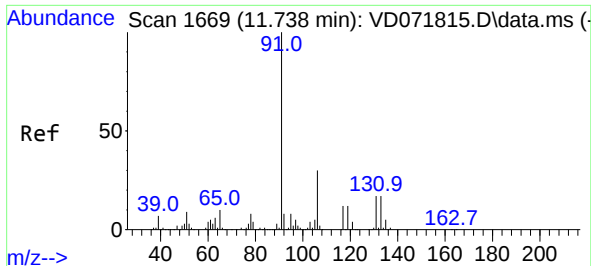
Tgt Ion:112 Resp: 204279
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.746 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:131 Resp: 77011
Ion Ratio Lower Upper
131 100
133 94.5 48.1 144.3
119 65.4 31.9 95.9





#67

Ethyl Benzene

Concen: 19.412 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

Instrument :

MSVOA_D

ClientSampleId :

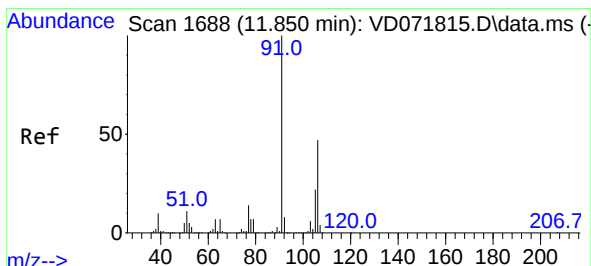
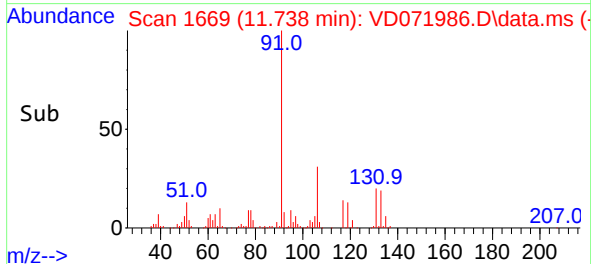
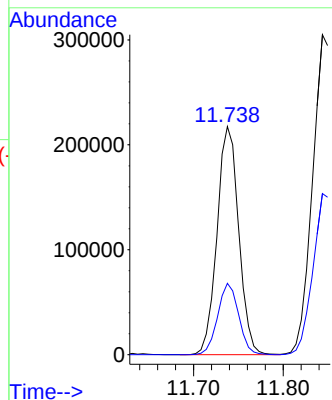
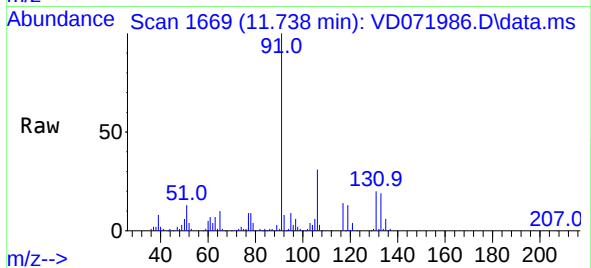
VD0216SBS01

Tgt Ion: 91 Resp: 364465

Ion Ratio Lower Upper

91 100

106 31.3 24.2 36.4



#68

m/p-Xylenes

Concen: 39.254 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VD071986.D

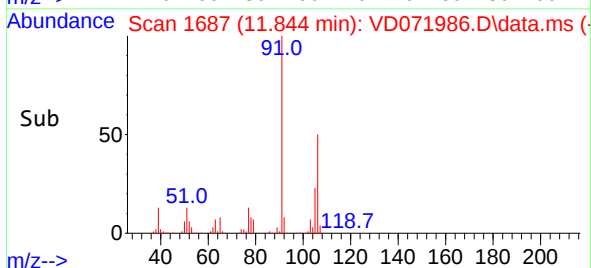
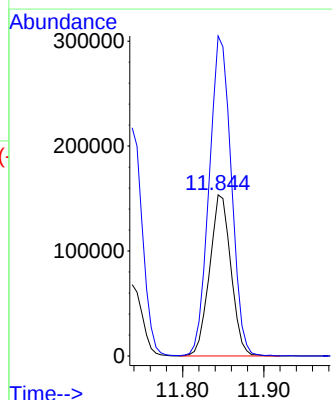
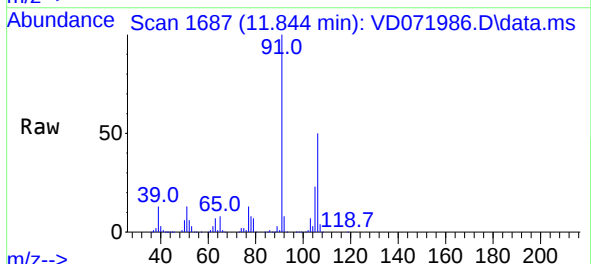
Acq: 16 Feb 2022 11:50

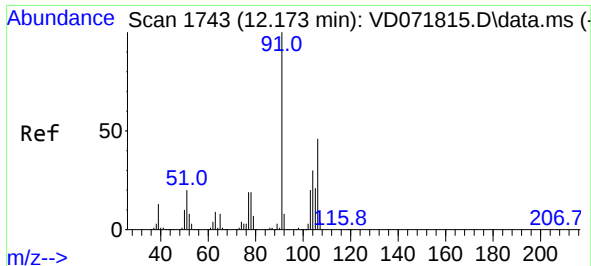
Tgt Ion: 106 Resp: 280325

Ion Ratio Lower Upper

106 100

91 205.9 163.7 245.5

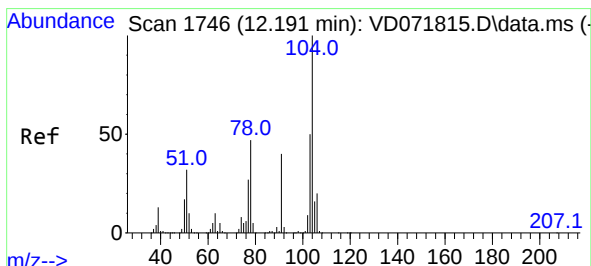
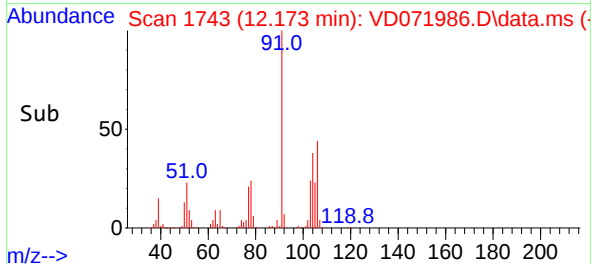
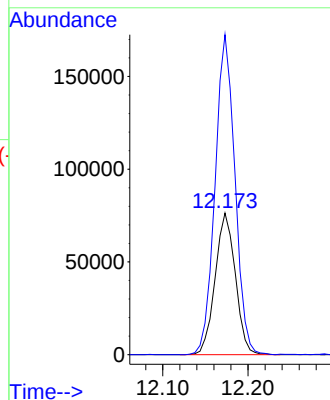
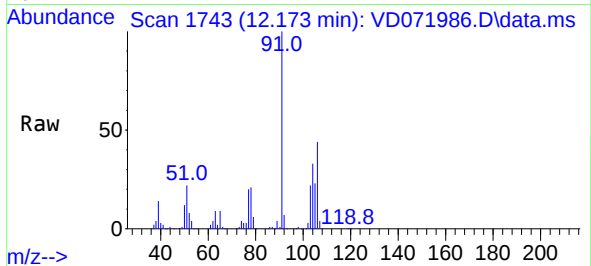




#69
o-Xylene
Concen: 19.383 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

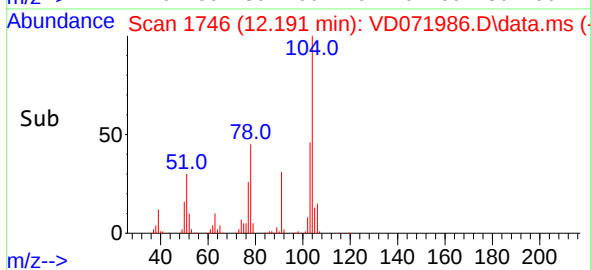
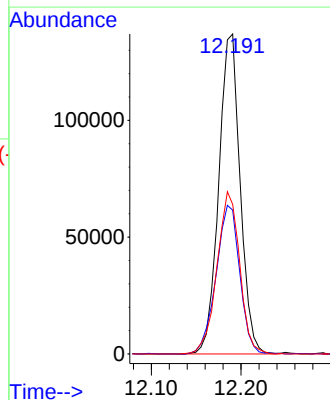
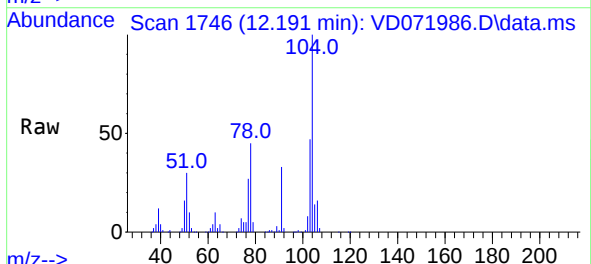
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

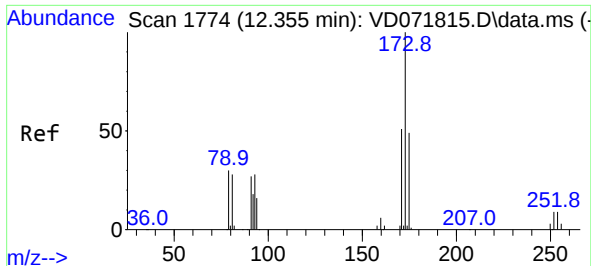
Tgt Ion:106 Resp: 125794
Ion Ratio Lower Upper
106 100
91 222.4 110.4 331.2



#70
Styrene
Concen: 20.305 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:104 Resp: 227140
Ion Ratio Lower Upper
104 100
78 51.3 41.8 62.8
103 53.7 44.2 66.4

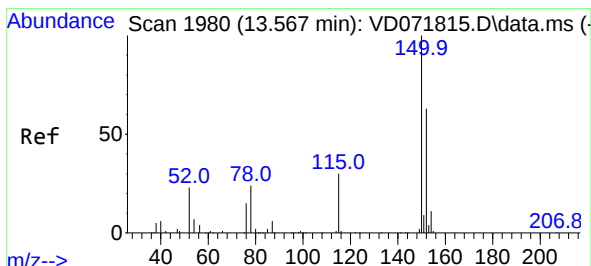
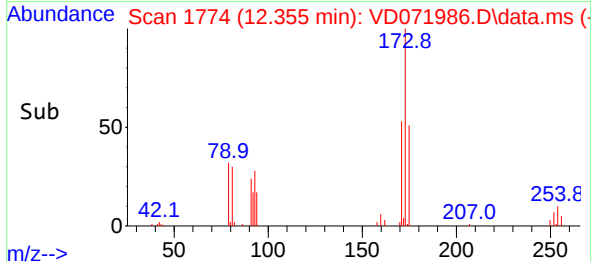
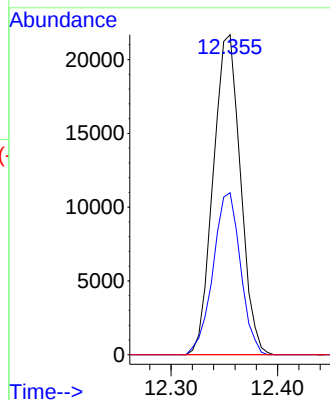
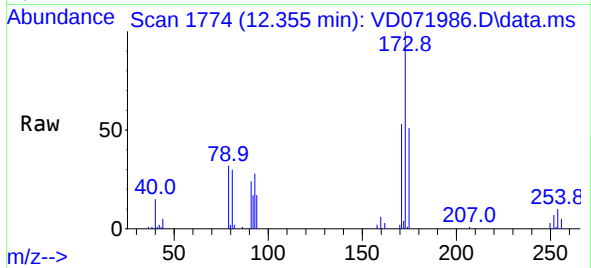




#71
Bromoform
Concen: 19.432 ug/l
RT: 12.355 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

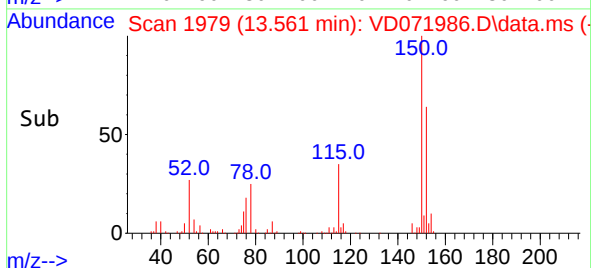
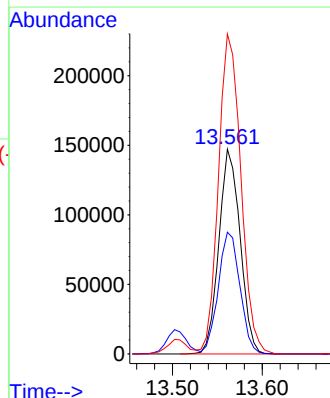
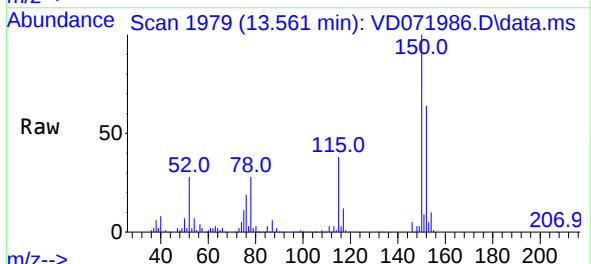
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

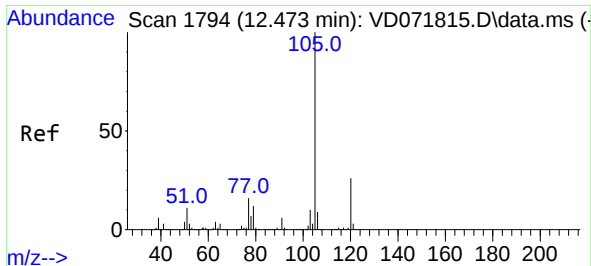
Tgt Ion:173 Resp: 38514
Ion Ratio Lower Upper
173 100
175 50.9 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:152 Resp: 242019
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 165.1 0.0 348.6

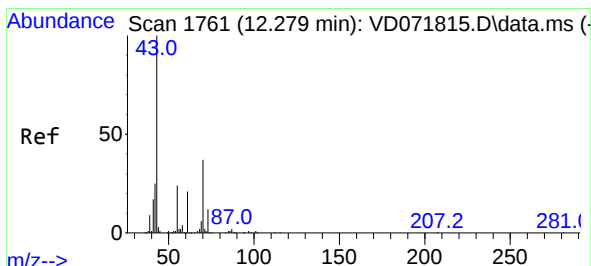
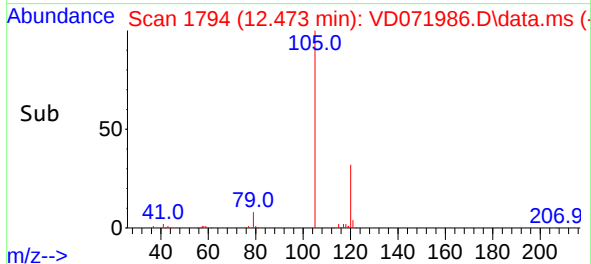
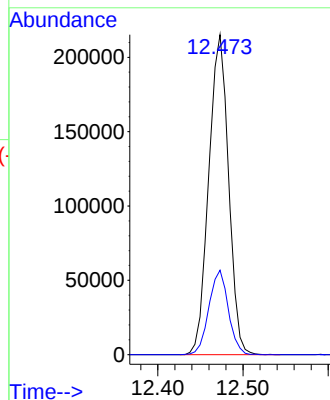
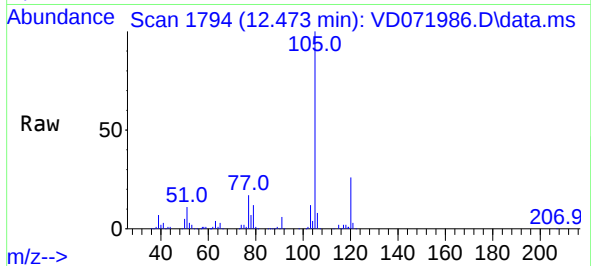




#73
Isopropylbenzene
Concen: 18.534 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

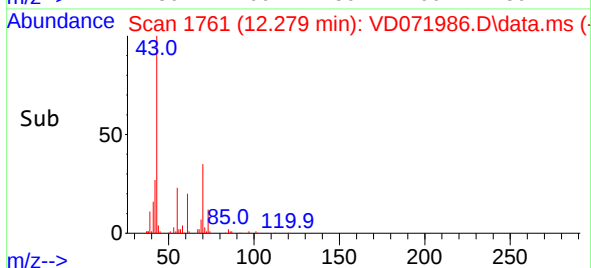
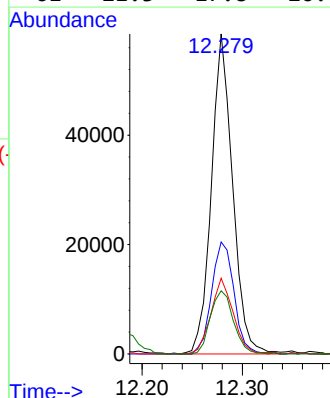
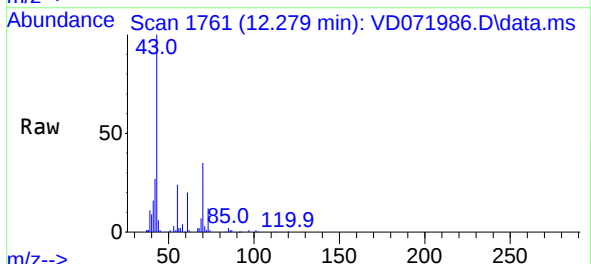
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

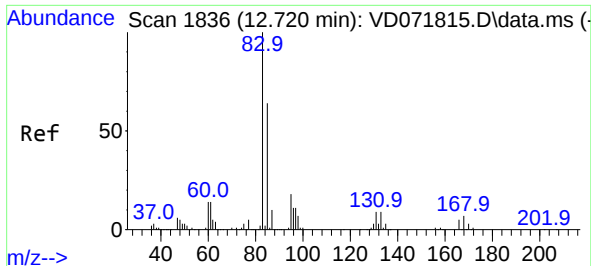
Tgt Ion:105 Resp: 347341
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 18.723 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 43 Resp: 86288
Ion Ratio Lower Upper
43 100
70 36.9 31.3 46.9
55 24.7 20.0 30.0
61 21.3 17.8 26.8

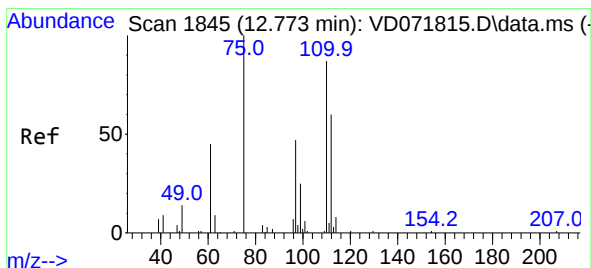
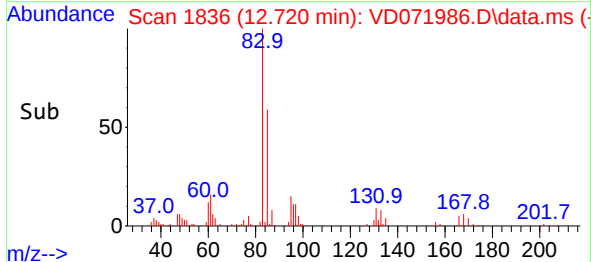
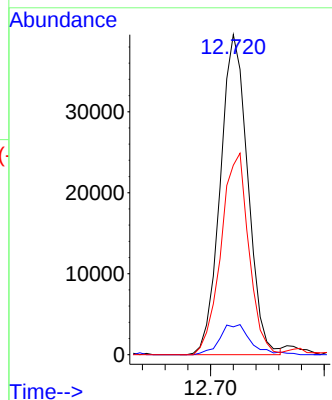
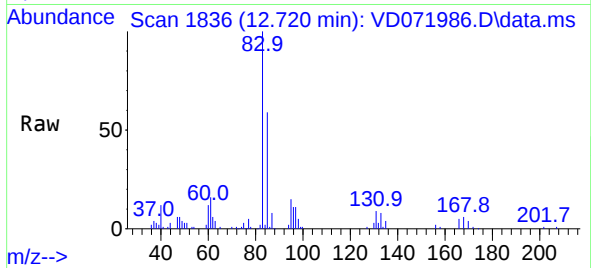




#75
1,1,2,2-Tetrachloroethane
Concen: 19.133 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

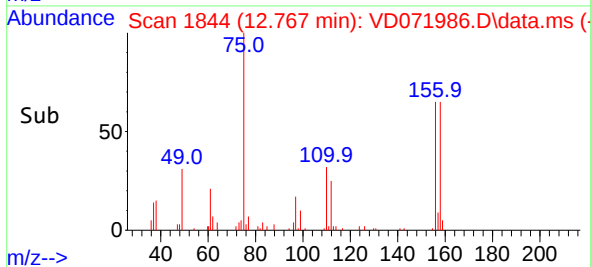
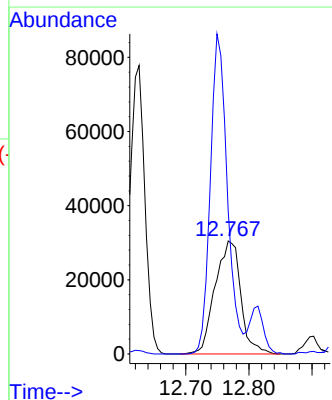
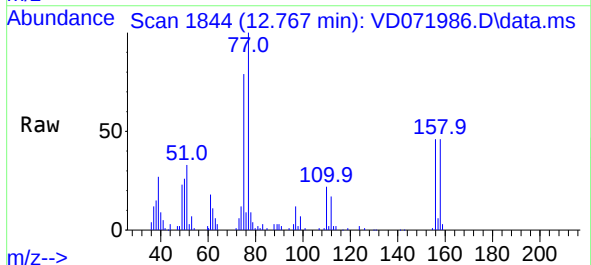
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

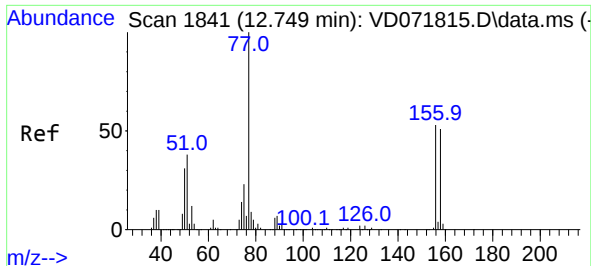
Tgt Ion: 83 Resp: 66354
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 63.6 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 33.768 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 75 Resp: 86129
Ion Ratio Lower Upper
75 100
77 187.3 0.0 0.0#

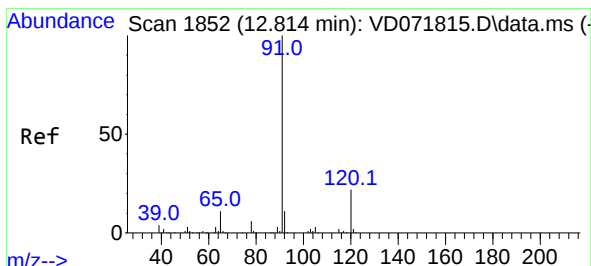
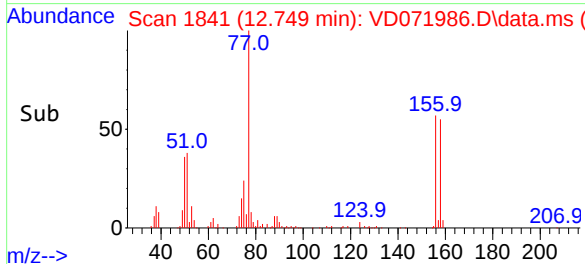
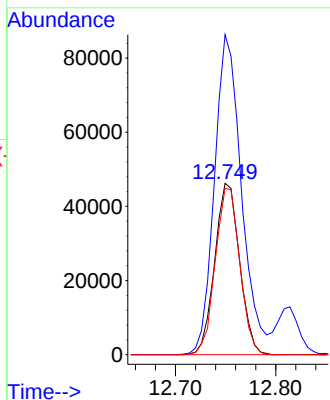
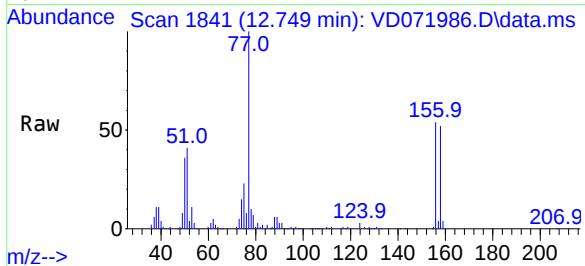




#77
Bromobenzene
Concen: 19.080 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

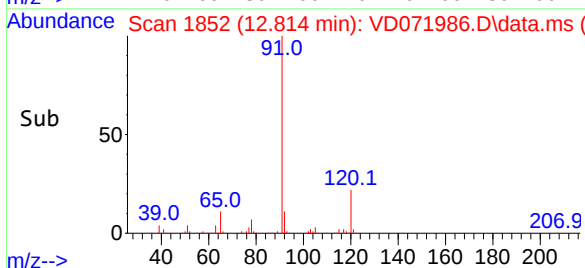
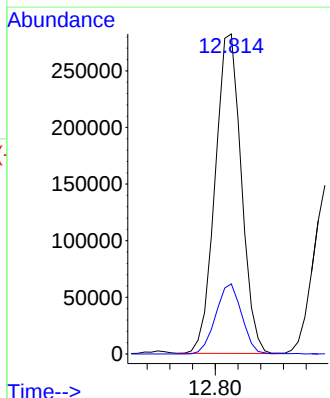
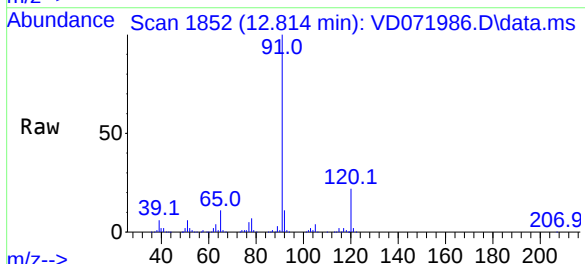
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

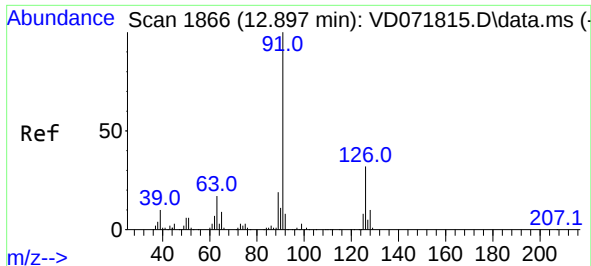
Tgt Ion:156 Resp: 79542
Ion Ratio Lower Upper
156 100
77 202.8 102.8 308.3
158 95.8 48.7 146.1



#78
n-propylbenzene
Concen: 19.199 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 91 Resp: 451151
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9

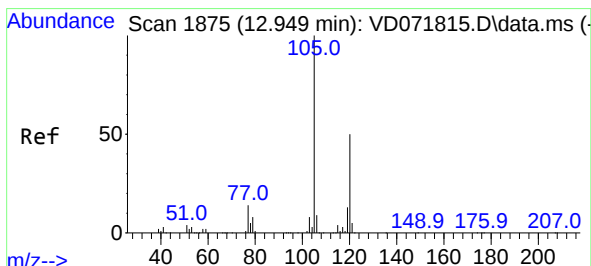
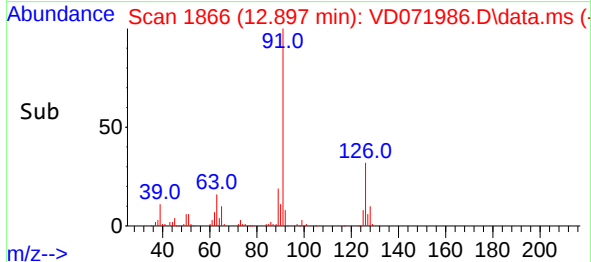
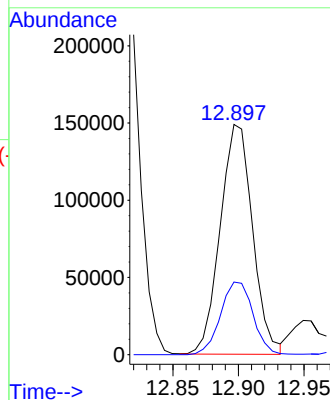
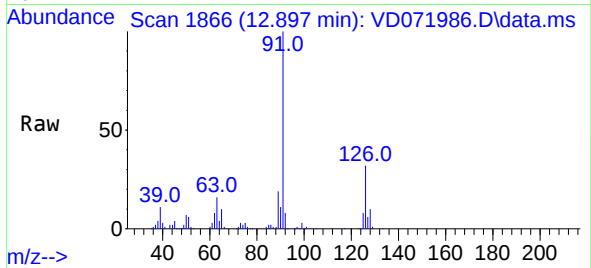




#79
2-Chlorotoluene
Concen: 19.192 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

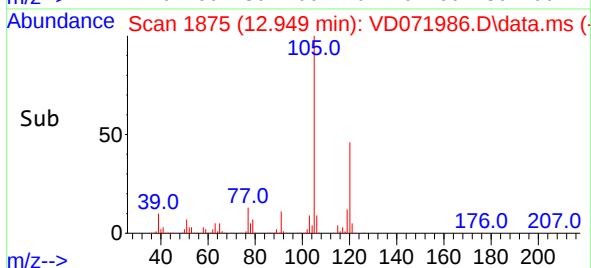
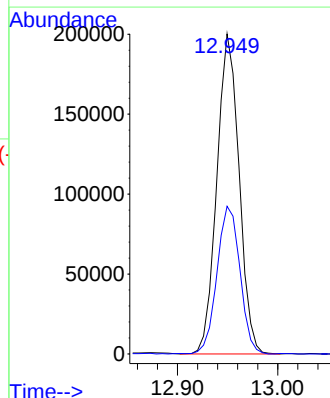
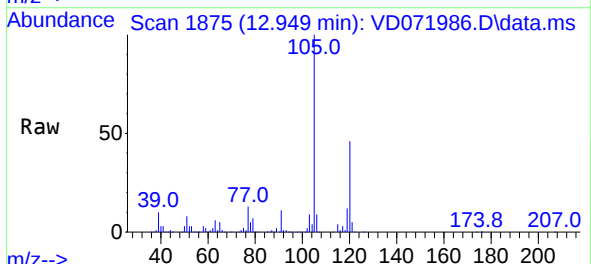
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

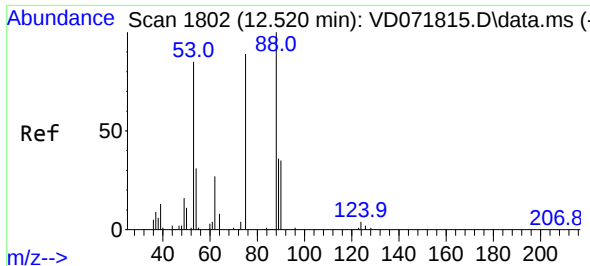
Tgt Ion: 91 Resp: 255578
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 19.809 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:105 Resp: 307916
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8

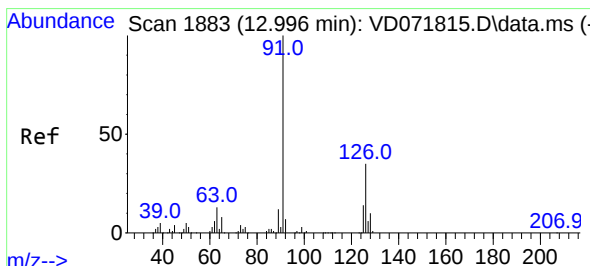
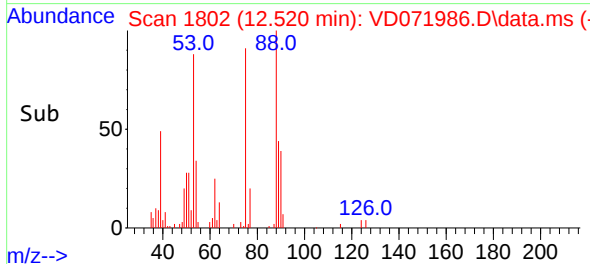
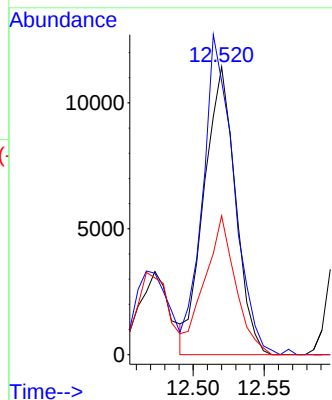
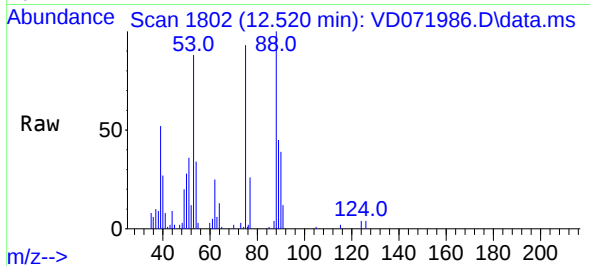




#81
trans-1,4-Dichloro-2-butene
Concen: 16.933 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

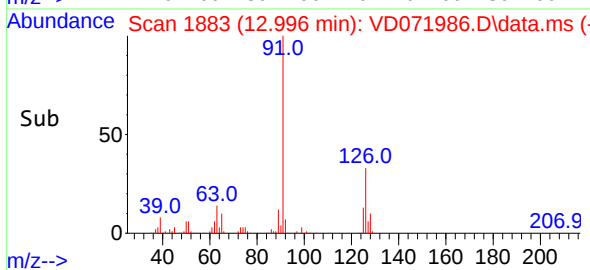
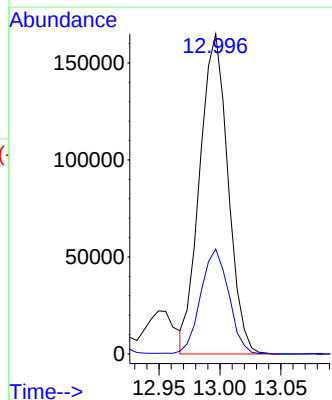
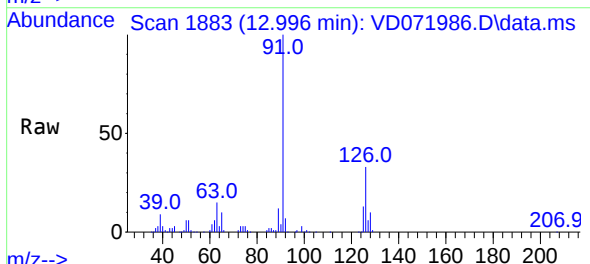
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

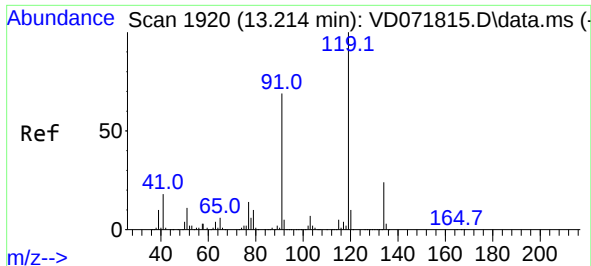
Tgt Ion: 75 Resp: 17565
Ion Ratio Lower Upper
75 100
53 109.6 86.5 129.7
89 47.6 33.9 50.9



#82
4-Chlorotoluene
Concen: 19.263 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion: 91 Resp: 266874
Ion Ratio Lower Upper
91 100
126 32.5 16.5 49.5

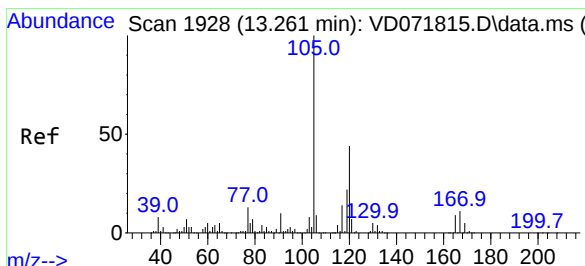
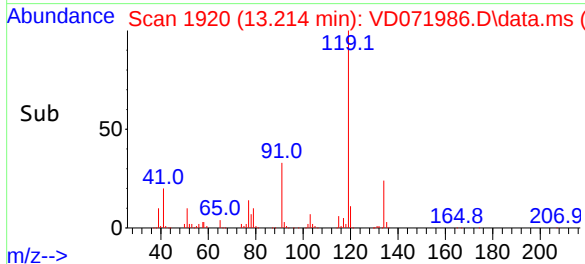
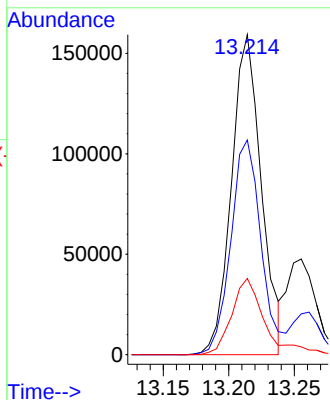
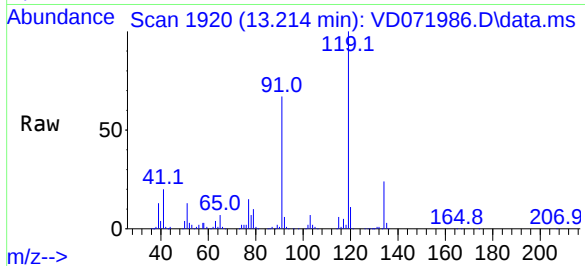




#83
tert-Butylbenzene
Concen: 19.632 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

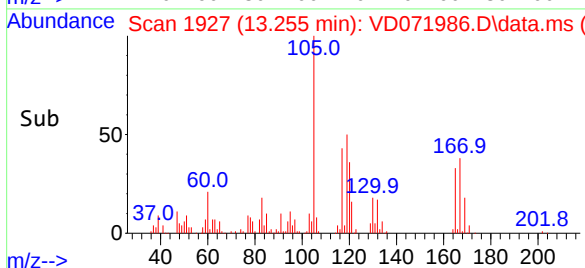
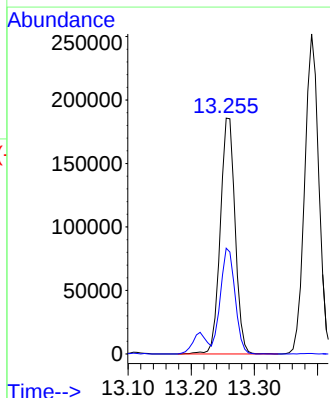
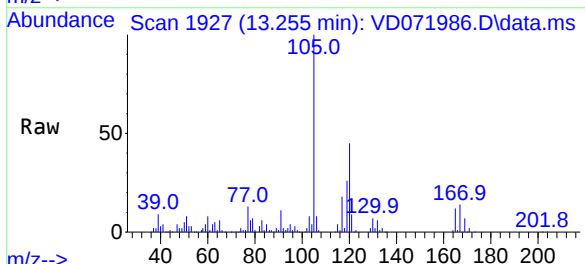
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

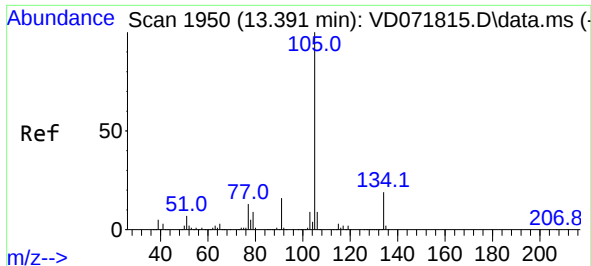
Tgt Ion:119 Resp: 252911
Ion Ratio Lower Upper
119 100
91 68.3 34.8 104.5
134 26.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.748 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:105 Resp: 301958
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8

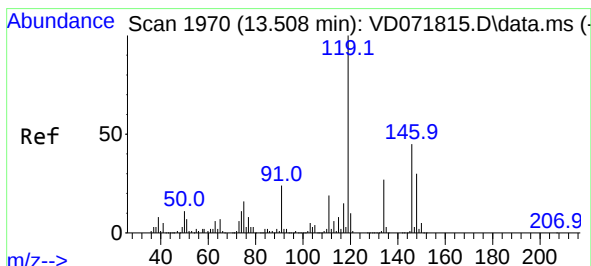
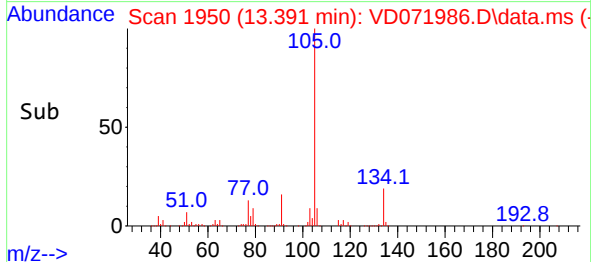
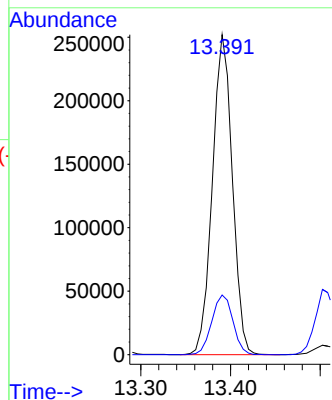
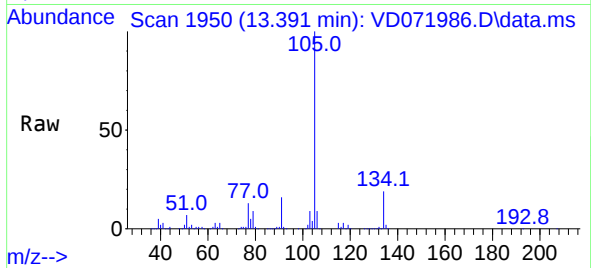




#85
 sec-Butylbenzene
 Concen: 19.292 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071986.D
 Acq: 16 Feb 2022 11:50

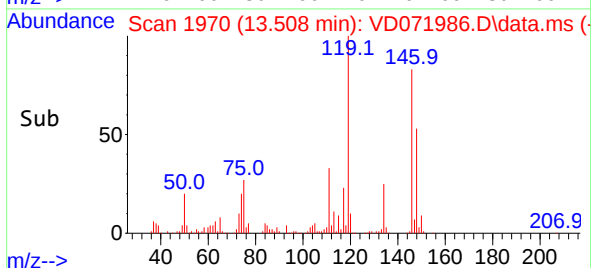
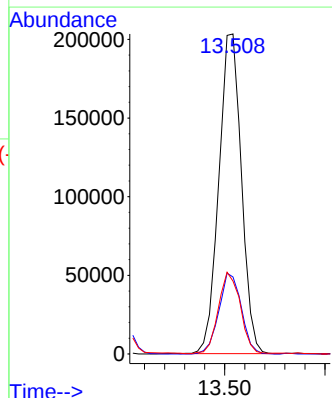
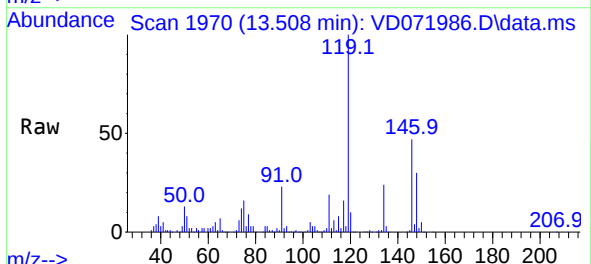
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0216SBSD01

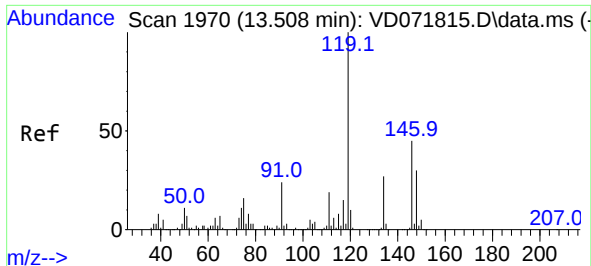
Tgt Ion:105 Resp: 388877
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.394 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071986.D
 Acq: 16 Feb 2022 11:50

Tgt Ion:119 Resp: 317673
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.6
 91 24.7 12.1 36.3

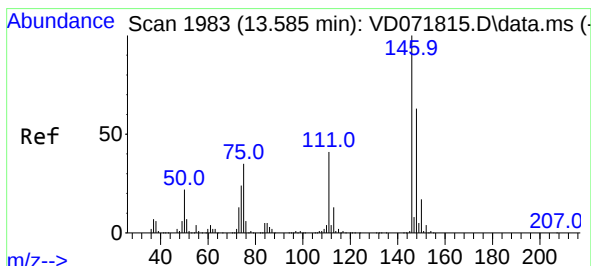
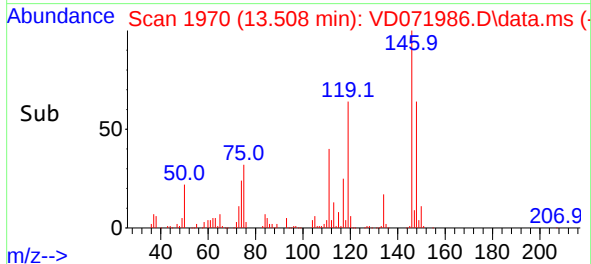
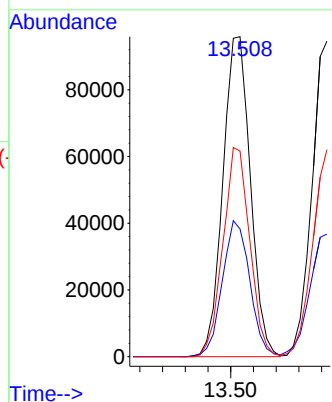
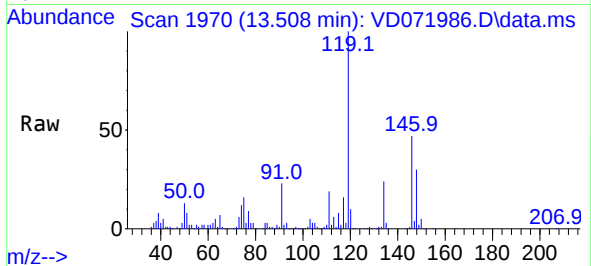




#87
1,3-Dichlorobenzene
Concen: 19.027 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

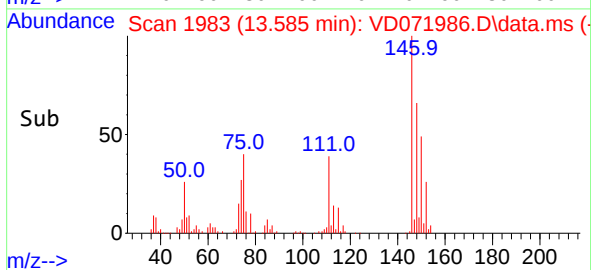
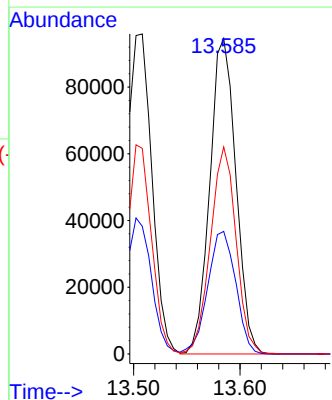
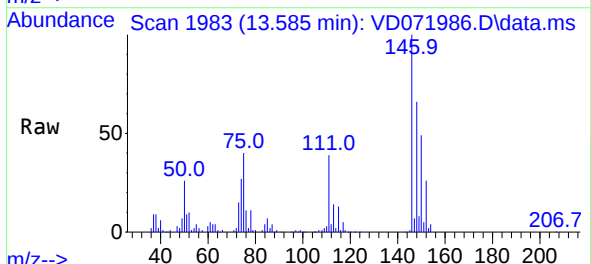
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

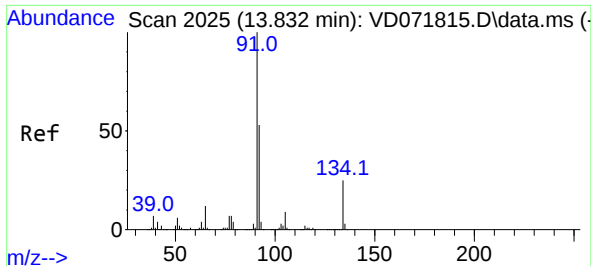
Tgt Ion:146 Resp: 161064
Ion Ratio Lower Upper
146 100
111 42.6 20.4 61.3
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.051 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:146 Resp: 160951
Ion Ratio Lower Upper
146 100
111 41.7 20.3 60.9
148 64.5 31.7 95.1





#89

n-Butylbenzene

Concen: 19.271 ug/l

RT: 13.832 min Scan# 2025

Delta R.T. 0.000 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0216SBS01

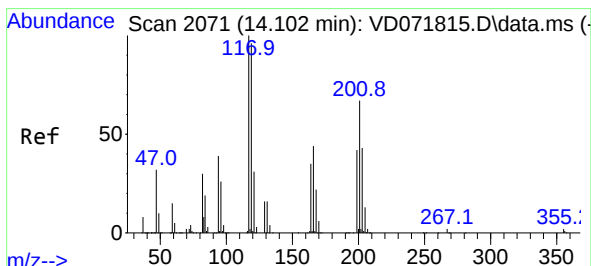
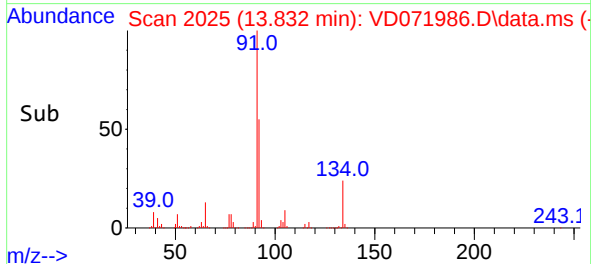
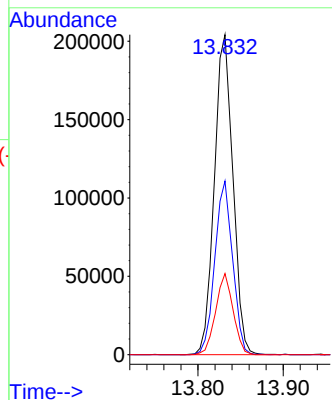
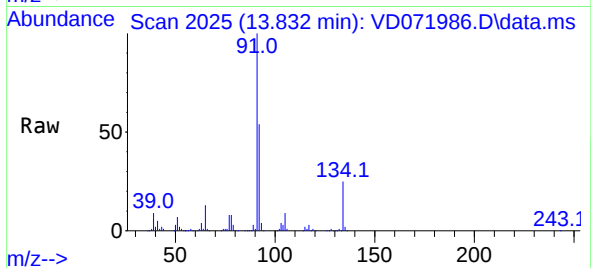
Tgt Ion: 91 Resp: 309699

Ion Ratio Lower Upper

91 100

92 52.0 26.6 79.8

134 23.8 12.3 36.9



#90

Hexachloroethane

Concen: 20.501 ug/l

RT: 14.102 min Scan# 2071

Delta R.T. 0.000 min

Lab File: VD071986.D

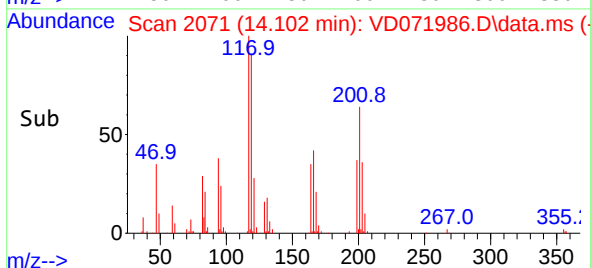
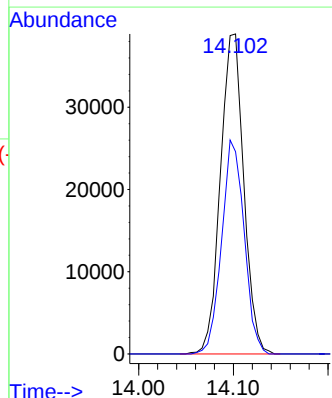
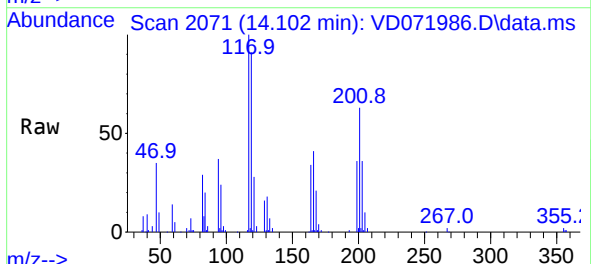
Acq: 16 Feb 2022 11:50

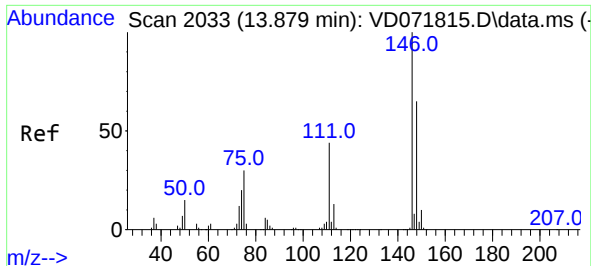
Tgt Ion: 117 Resp: 66749

Ion Ratio Lower Upper

117 100

201 64.3 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 19.330 ug/l

RT: 13.873 min Scan# 2033

Delta R.T. -0.006 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0216SBS01

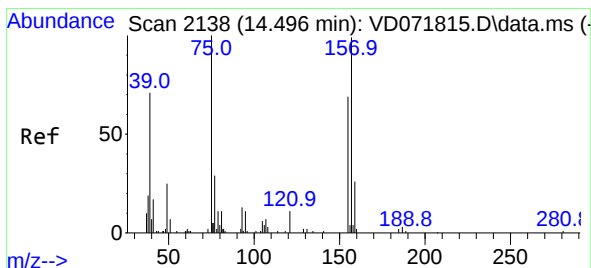
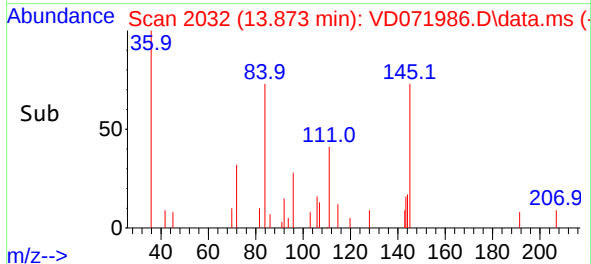
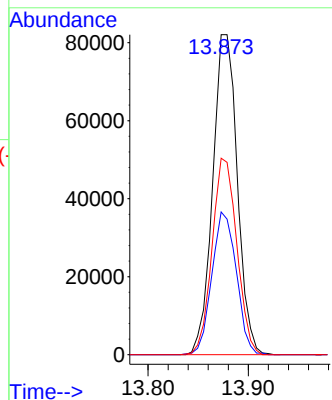
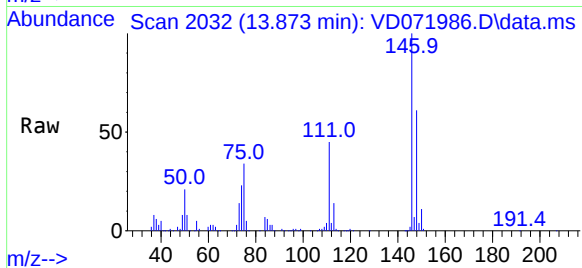
Tgt Ion:146 Resp: 140032

Ion Ratio Lower Upper

146 100

111 44.4 21.1 63.3

148 61.7 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.582 ug/l

RT: 14.491 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD071986.D

Acq: 16 Feb 2022 11:50

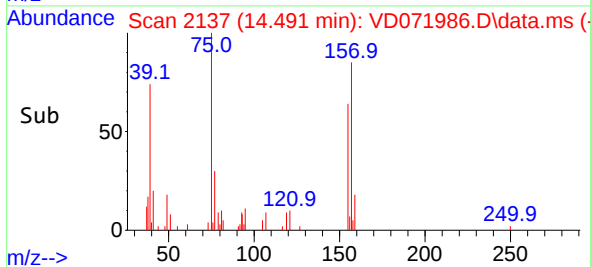
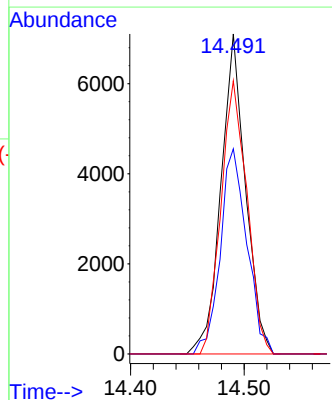
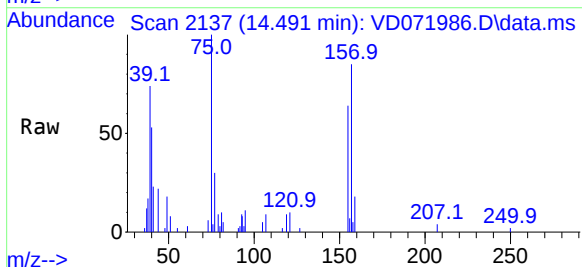
Tgt Ion: 75 Resp: 10673

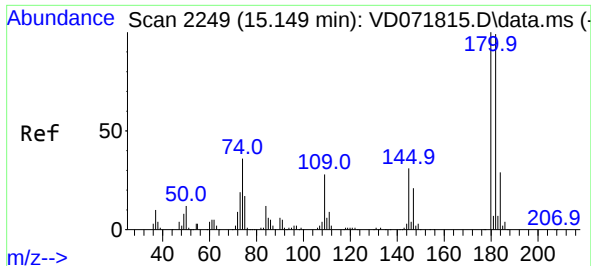
Ion Ratio Lower Upper

75 100

155 69.4 36.8 110.3

157 90.3 48.4 145.0

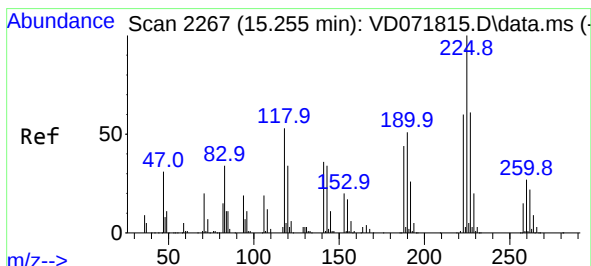
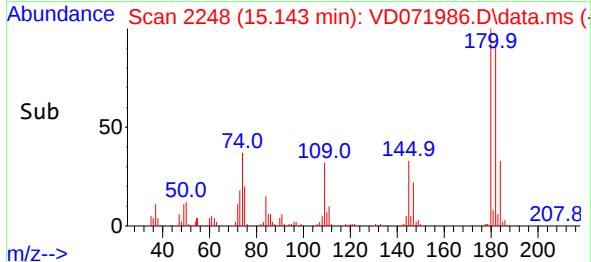
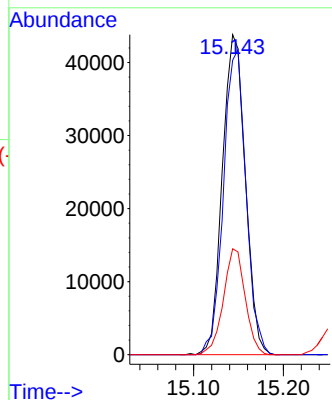
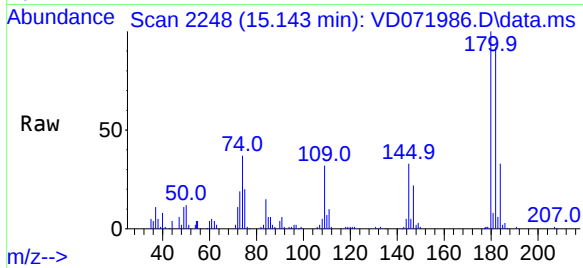




#93
1,2,4-Trichlorobenzene
Concen: 18.357 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

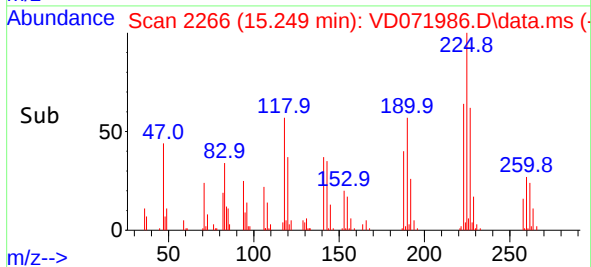
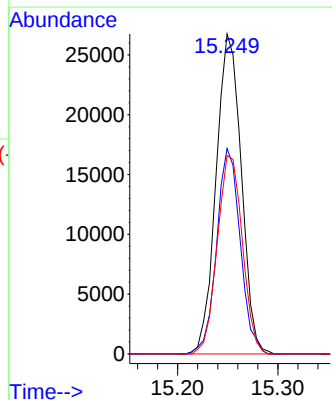
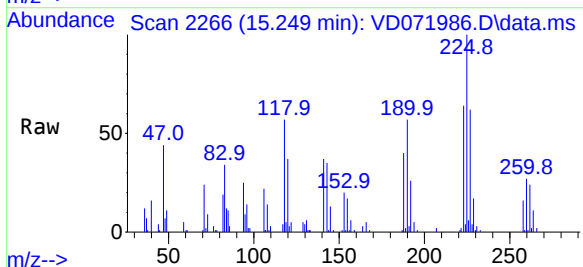
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

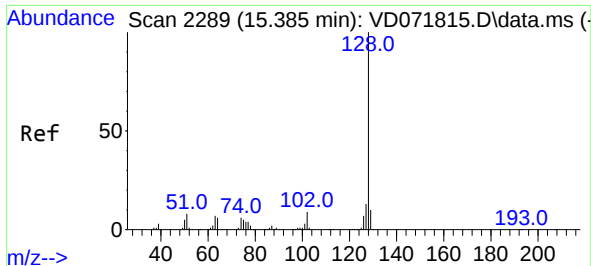
Tgt Ion:180 Resp: 77686
Ion Ratio Lower Upper
180 100
182 93.6 47.3 142.0
145 31.5 16.2 48.5



#94
Hexachlorobutadiene
Concen: 20.233 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:225 Resp: 46689
Ion Ratio Lower Upper
225 100
223 60.0 31.1 93.2
227 61.8 32.4 97.0

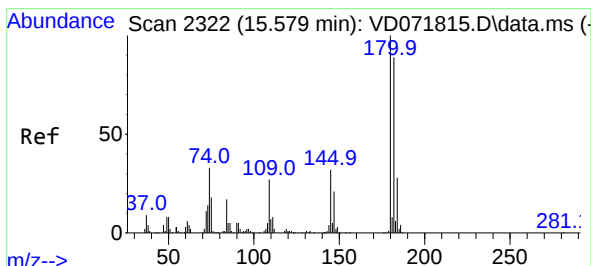
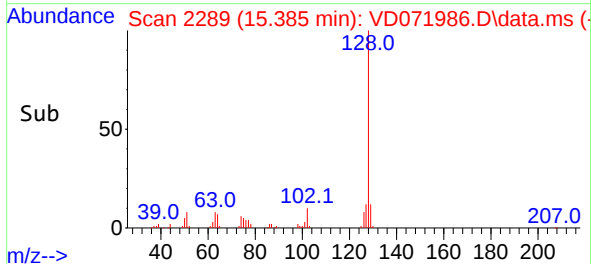
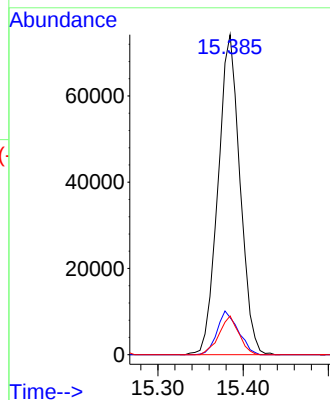
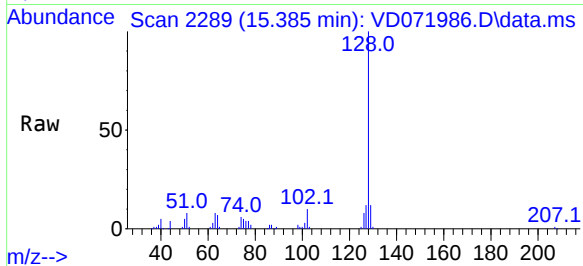




#95
Naphthalene
Concen: 16.787 ug/l
RT: 15.385 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

Tgt Ion:	128	Resp:	132766
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.9	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 18.529 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD071986.D
Acq: 16 Feb 2022 11:50

Tgt Ion:	180	Resp:	67211
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.9
145	34.7	17.1	51.3

