

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072440.D
 Acq On : 25 Mar 2022 20:29
 Operator : VA/SY
 Sample : N1977-02MS
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-20220315-16.0-17.0MS

Quant Time: Mar 26 00:16:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	93333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	209478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	181825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	65124	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	109883	105.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 211.280%#	
35) Dibromofluoromethane	7.914	113	89986	61.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.080%	
50) Toluene-d8	10.332	98	244460	45.353	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.700%	
62) 4-Bromofluorobenzene	12.620	95	91848	43.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.720%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	20887	24.195	ug/l	95
3) Chloromethane	2.209	50	43946	57.288	ug/l	95
4) Vinyl Chloride	2.344	62	28969	39.122	ug/l	99
5) Bromomethane	2.768	94	21089	43.737	ug/l	89
6) Chloroethane	2.921	64	31957	65.276	ug/l	99
7) Trichlorofluoromethane	3.273	101	64004	38.275	ug/l	99
8) Diethyl Ether	3.709	74	64963	140.662	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	34571	32.423	ug/l	95
10) Methyl Iodide	4.303	142	24531	26.763	ug/l	# 94
11) Tert butyl alcohol	5.220	59	56375	934.773	ug/l	100
12) 1,1-Dichloroethene	4.062	96	35916	41.870	ug/l	91
13) Acrolein	3.915	56	278	5.166	ug/l	# 14
14) Allyl chloride	4.715	41	61612	41.081	ug/l	96
15) Acrylonitrile	5.420	53	184337	791.033	ug/l	97
16) Acetone	4.156	43	222231	984.036	ug/l	95
17) Carbon Disulfide	4.409	76	66283	33.637	ug/l	95
18) Methyl Acetate	4.715	43	201998	364.989	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	348595	149.515	ug/l	97
20) Methylene Chloride	4.962	84	92983	88.077	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	34407	36.265	ug/l	91
22) Diisopropyl ether	6.362	45	414537	121.179	ug/l	91
23) Vinyl Acetate	6.303	43	92184	52.802	ug/l	# 94
24) 1,1-Dichloroethane	6.267	63	174838	86.662	ug/l	99
25) 2-Butanone	7.209	43	274442	911.433	ug/l	99
26) 2,2-Dichloropropane	7.203	77	99668	54.753	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	75013	61.928	ug/l	96
28) Bromochloromethane	7.544	49	69321	85.351	ug/l	92
29) Tetrahydrofuran	7.561	42	171287	967.412	ug/l	96
30) Chloroform	7.709	83	193150	89.867	ug/l	96
31) Cyclohexane	7.985	56	45140	27.777	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	109586	57.408	ug/l	99
36) 1,1-Dichloropropene	8.109	75	60863	29.431	ug/l	# 73
37) Ethyl Acetate	7.285	43	83484	92.159	ug/l	# 96
38) Carbon Tetrachloride	8.097	117	72737	30.943	ug/l	97
39) Methylcyclohexane	9.350	83	42075	18.080	ug/l	94
40) Benzene	8.344	78	3051806	517.280	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	76248	144.411	ug/l	98
42) 1,2-Dichloroethane	8.414	62	139410	77.896	ug/l	99
43) Isopropyl Acetate	8.444	43	186477	106.059	ug/l	96
44) Trichloroethene	9.108	130	60703	36.651	ug/l	94
45) 1,2-Dichloropropane	9.379	63	113519	70.160	ug/l	97
46) Dibromomethane	9.473	93	51972	65.299	ug/l	96
47) Bromodichloromethane	9.656	83	159438	68.715	ug/l	93
48) Methyl methacrylate	9.450	41	111753	133.112	ug/l	92
49) 1,4-Dioxane	9.456	88	25188	2639.056	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	612497	663.256	ug/l	95
52) Toluene	10.397	92	495302	127.584	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	92972	43.857	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	108055	44.093	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	112306	92.628	ug/l	96
56) Ethyl methacrylate	10.655	69	134175	94.481	ug/l	96
57) 1,3-Dichloropropane	10.938	76	170212	83.648	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	339685	531.979	ug/l	99
59) 2-Hexanone	10.979	43	420004	658.507	ug/l	98
60) Dibromochloromethane	11.132	129	111719	71.010	ug/l	99
61) 1,2-Dibromoethane	11.238	107	81049	73.978	ug/l	92
64) Tetrachloroethene	10.867	164	48377	37.762	ug/l	96
65) Chlorobenzene	11.661	112	524540	130.127	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	91701	57.528	ug/l	99
67) Ethyl Benzene	11.738	91	3826667	531.518	ug/l	99
68) m/p-Xylenes	11.844	106	438555	160.421	ug/l	100
69) o-Xylene	12.173	106	395248	151.152	ug/l	96
70) Styrene	12.185	104	247871	54.284	ug/l #	83
71) Bromoform	12.349	173	64042	75.212	ug/l #	98
73) Isopropylbenzene	12.473	105	1899518	368.070	ug/l	99
74) N-amyl acetate	12.279	43	92944	83.805	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.720	83	109423	118.553	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	129364	180.079	ug/l #	100
77) Bromobenzene	12.749	156	72708	62.595	ug/l	92
78) n-propylbenzene	12.808	91	1308291	208.708	ug/l	99
79) 2-Chlorotoluene	12.902	91	231033	63.738	ug/l	91
80) 1,3,5-Trimethylbenzene	12.949	105	1177527	265.592	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	15674	54.134	ug/l #	30
82) 4-Chlorotoluene	12.996	91	169159	45.071	ug/l	95
83) tert-Butylbenzene	13.214	119	143295	36.865	ug/l	89
84) 1,2,4-Trimethylbenzene	13.255	105	5146756	1178.149	ug/l	97
85) sec-Butylbenzene	13.391	105	312362	53.512	ug/l	80
86) p-Isopropyltoluene	13.502	119	728189	151.601	ug/l	95
87) 1,3-Dichlorobenzene	13.585	146	192130	78.924	ug/l	91
88) 1,4-Dichlorobenzene	13.585	146	192130	79.590	ug/l	91
89) n-Butylbenzene	13.767	91	3166773	691.682	ug/l #	45
90) Hexachloroethane	14.102	117	781169	829.777	ug/l #	19
91) 1,2-Dichlorobenzene	13.879	146	116701	54.984	ug/l #	55
92) 1,2-Dibromo-3-Chloropr...	14.508	75	24863	168.790	ug/l	63
93) 1,2,4-Trichlorobenzene	15.149	180	30192	21.486	ug/l #	1
94) Hexachlorobutadiene	15.255	225	7248	8.867	ug/l	92
96) 1,2,3-Trichlorobenzene	15.585	180	19088	15.693	ug/l #	1

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SB-12-20220315-16.0-17.0MS

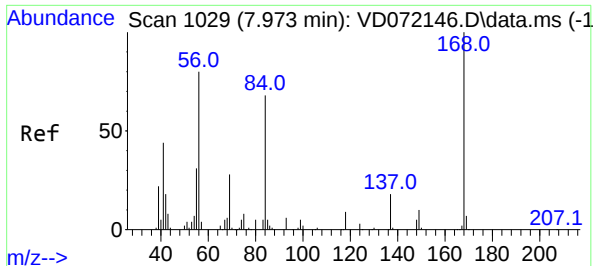
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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Quant Time: Mar 26 00:16:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
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QLast Update : Mon Mar 14 05:18:06 2022
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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 10

Delta R.T. 0.000 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

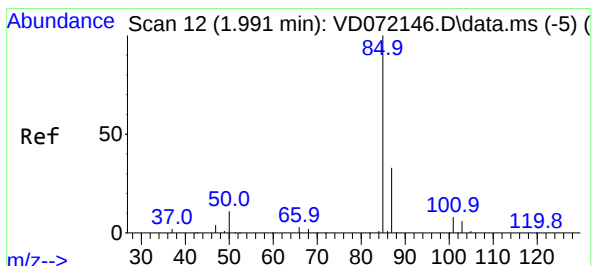
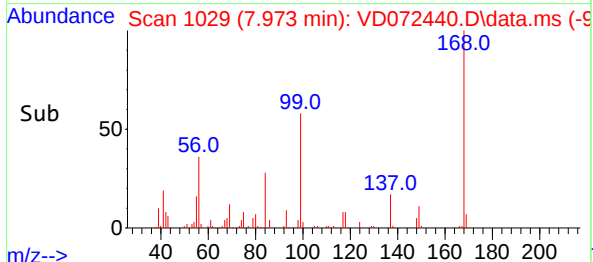
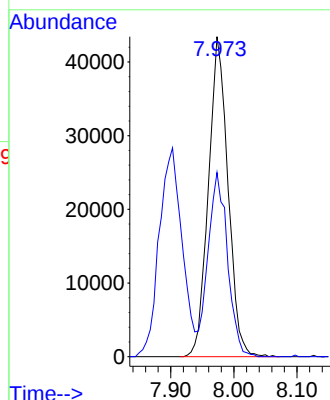
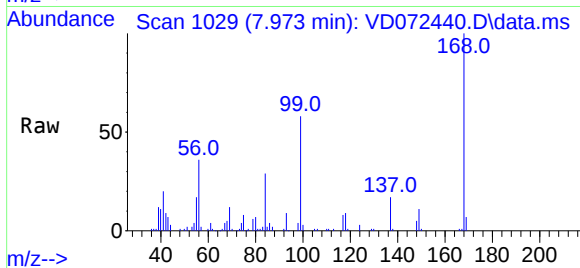
SB-12-20220315-16.0-17.0MS

Tgt Ion:168 Resp: 93333

Ion Ratio Lower Upper

168 100

99 57.6 49.8 74.6



Dichlorodifluoromethane

Concen: 24.195 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD072440.D

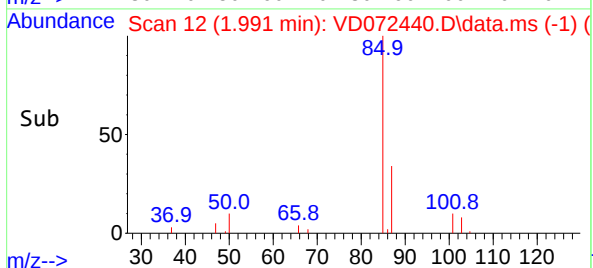
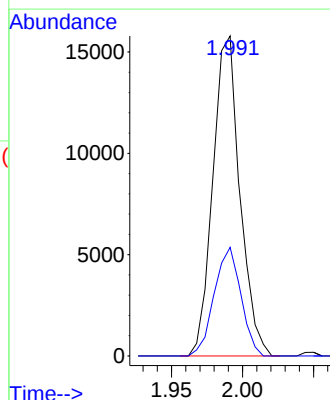
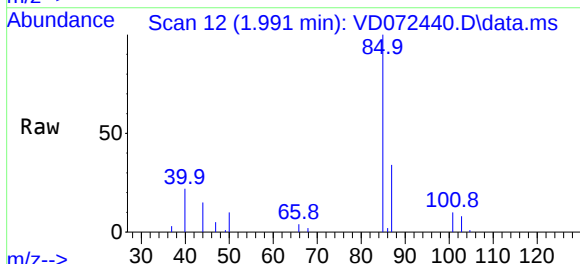
Acq: 25 Mar 2022 20:29

Tgt Ion: 85 Resp: 20887

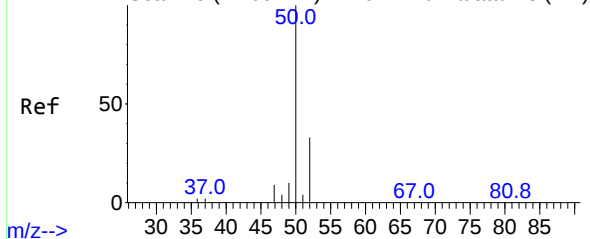
Ion Ratio Lower Upper

85 100

87 33.9 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



#3

Chloromethane

Concen: 57.288 ug/l

RT: 2.209 min Scan# 49

Delta R.T. 0.000 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

SB-12-20220315-16.0-17.0MS

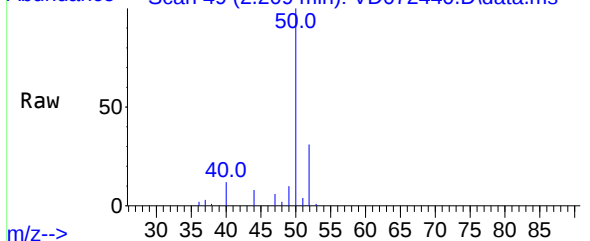
Tgt Ion: 50 Resp: 43946

Ion Ratio Lower Upper

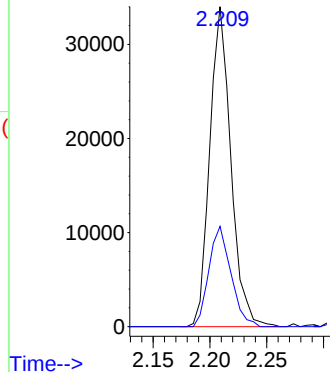
50 100

52 31.4 27.4 41.0

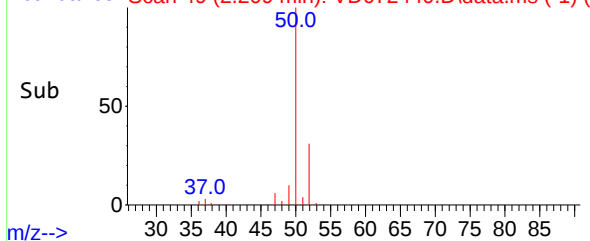
Abundance Scan 49 (2.209 min): VD072440.D\data.ms



Abundance

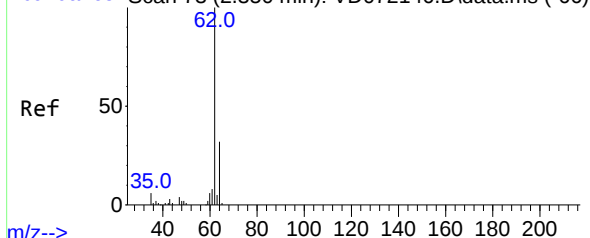


Abundance Scan 49 (2.209 min): VD072440.D\data.ms (-1)



Time-->

Abundance Scan 73 (2.350 min): VD072146.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 39.122 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

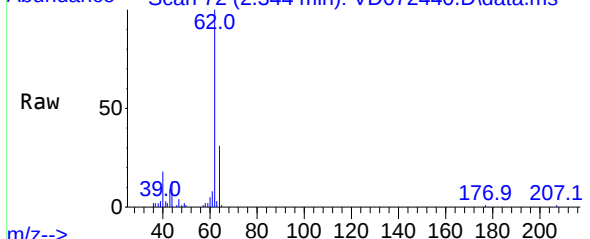
Tgt Ion: 62 Resp: 28969

Ion Ratio Lower Upper

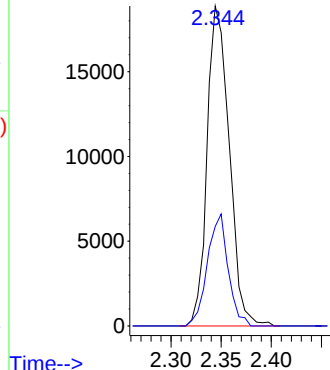
62 100

64 31.1 25.4 38.0

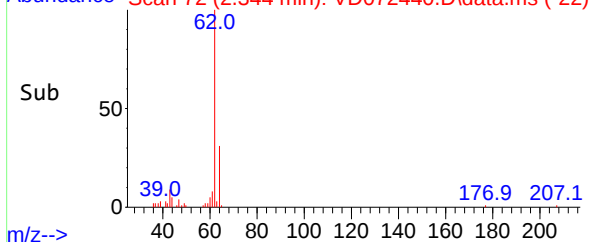
Abundance Scan 72 (2.344 min): VD072440.D\data.ms



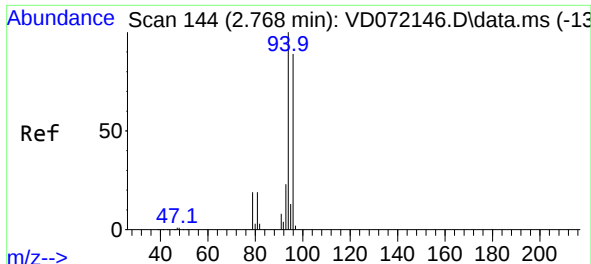
Abundance



Abundance Scan 72 (2.344 min): VD072440.D\data.ms (-22)



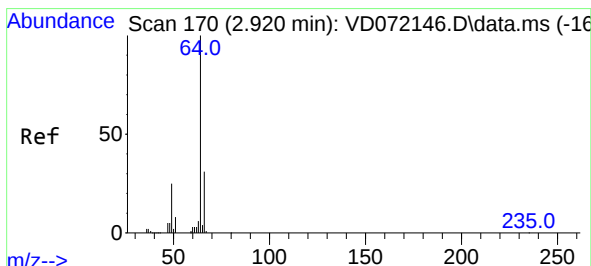
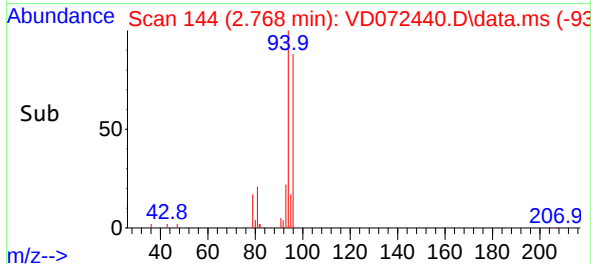
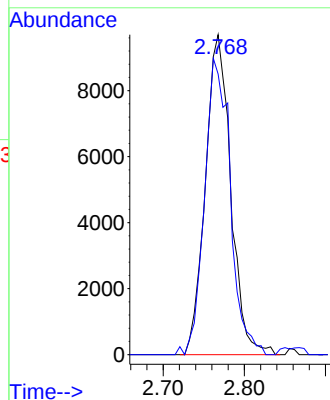
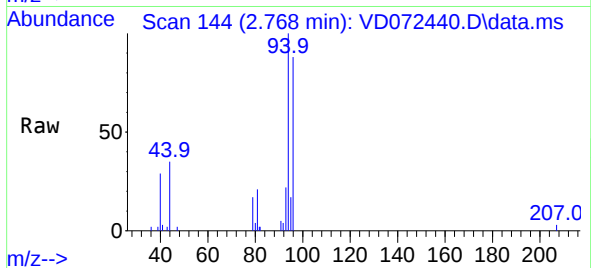
Time-->



#5
Bromomethane
Concen: 43.737 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

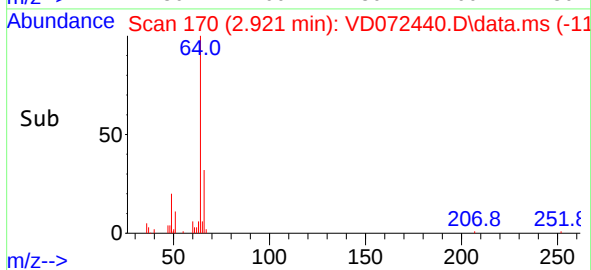
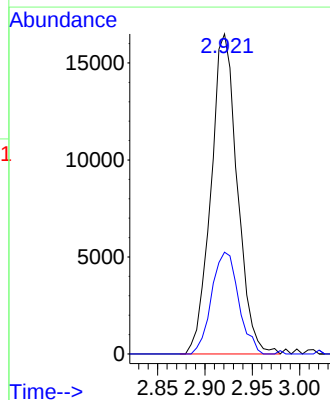
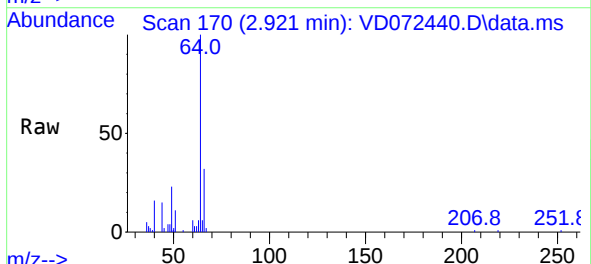
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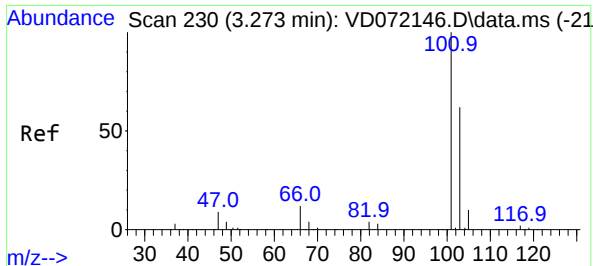
Tgt Ion: 94 Resp: 21089
Ion Ratio Lower Upper
94 100
96 86.0 77.6 116.4



#6
Chloroethane
Concen: 65.276 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 64 Resp: 31957
Ion Ratio Lower Upper
64 100
66 31.8 25.9 38.9

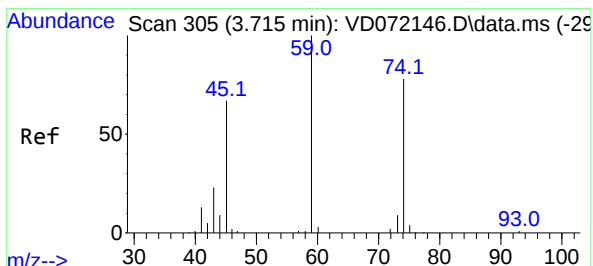
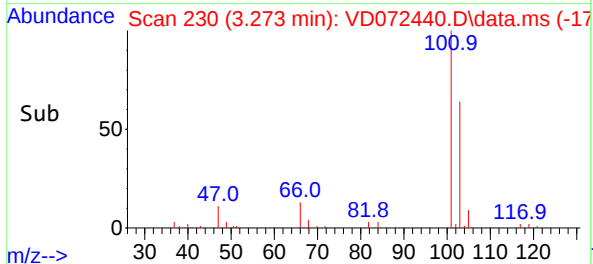
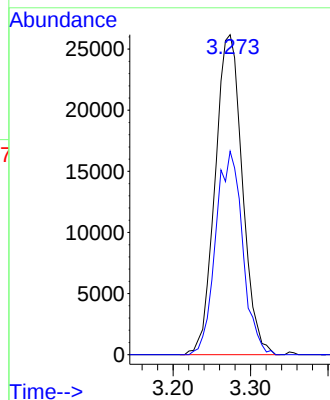
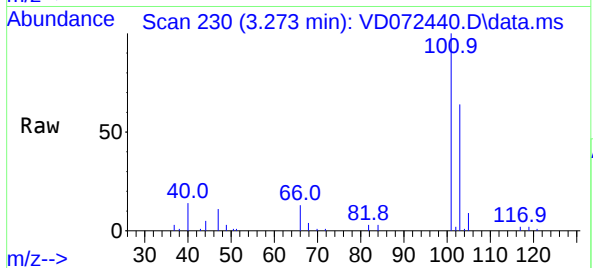




#7
Trichlorofluoromethane
Concen: 38.275 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

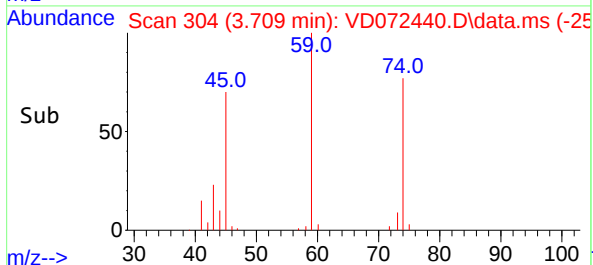
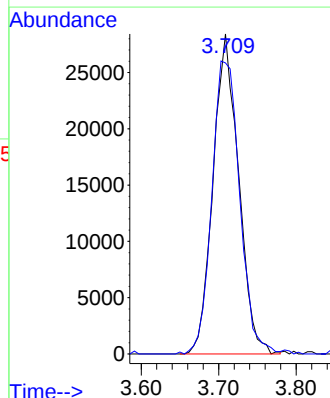
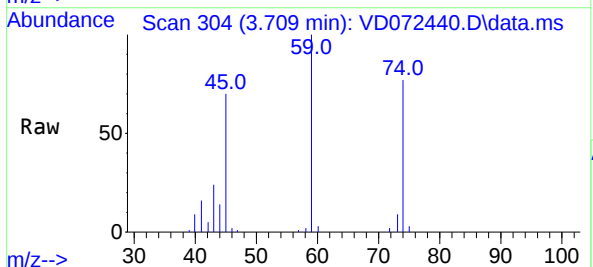
Instrument :
MSVOA_D
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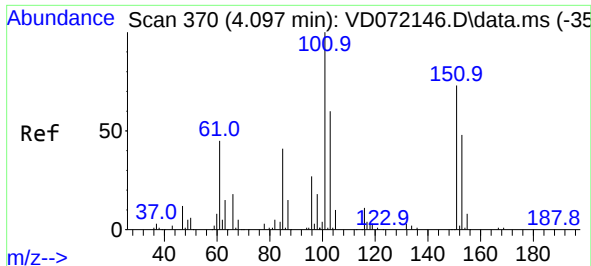
Tgt Ion:101 Resp: 64004
Ion Ratio Lower Upper
101 100
103 63.6 50.1 75.1



#8
Diethyl Ether
Concen: 140.662 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 74 Resp: 64963
Ion Ratio Lower Upper
74 100
45 100.2 52.6 157.8



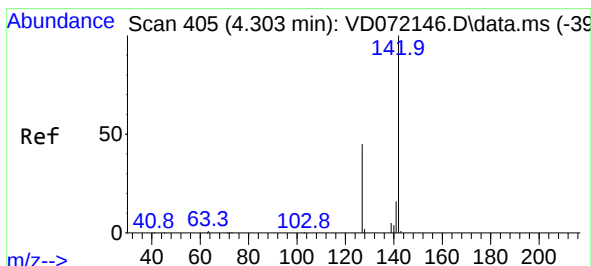
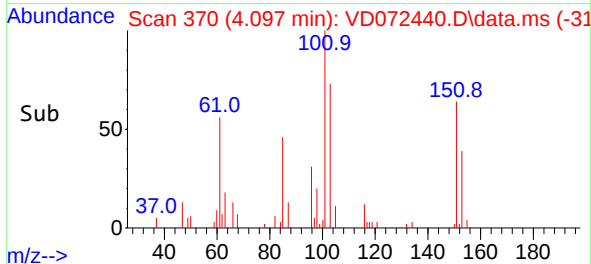
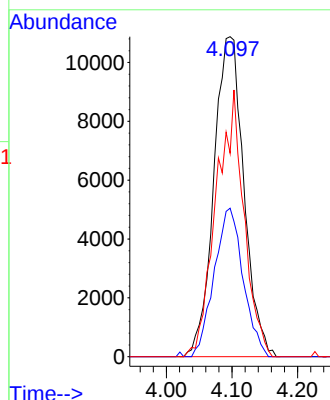
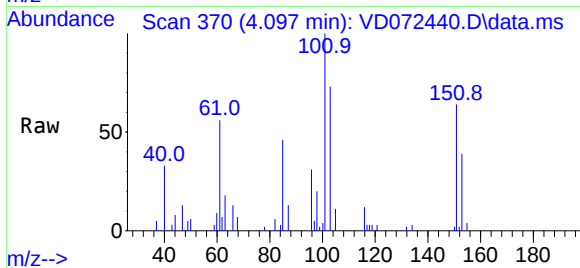


#9
1,1,2-Trichlorotrifluoroethane
Concen: 32.423 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

Tgt Ion:101 Resp: 34571

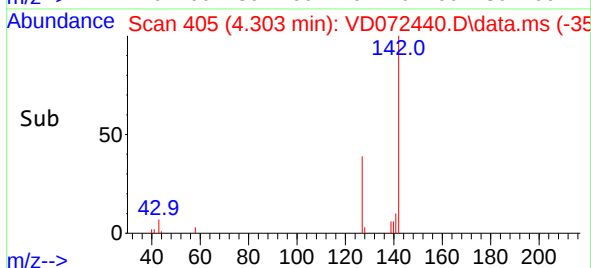
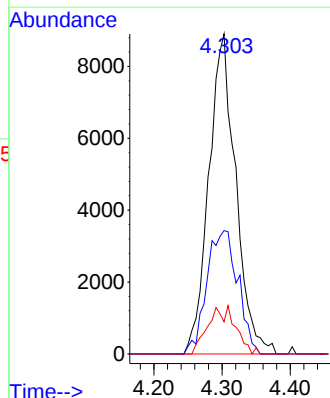
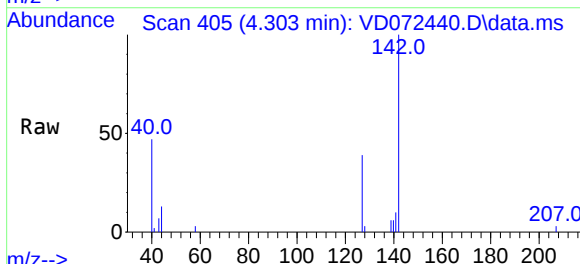
Ion	Ratio	Lower	Upper
101	100		
85	44.8	36.4	54.6
151	77.4	57.3	85.9



#10
Methyl Iodide
Concen: 26.763 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion:142 Resp: 24531

Ion	Ratio	Lower	Upper
142	100		
127	44.5	37.3	55.9
141	9.1	11.7	17.5





#11

Tert butyl alcohol

Concen: 934.773 ug/l

RT: 5.220 min Scan# 5

Delta R.T. 0.012 min

Lab File: VD072440.D

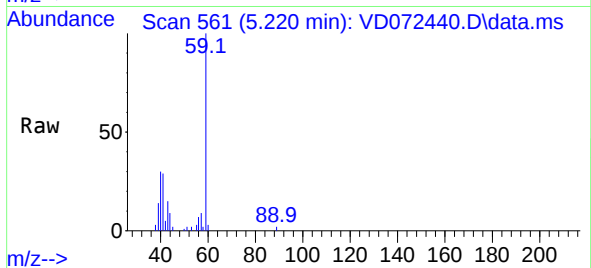
Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

SB-12-20220315-16.0-17.0MS

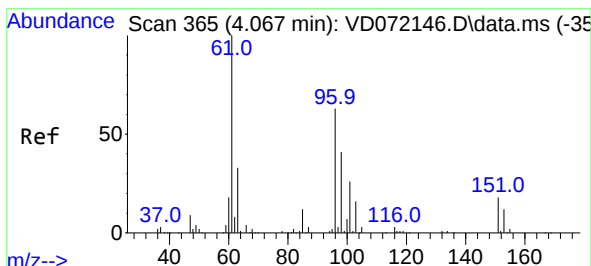
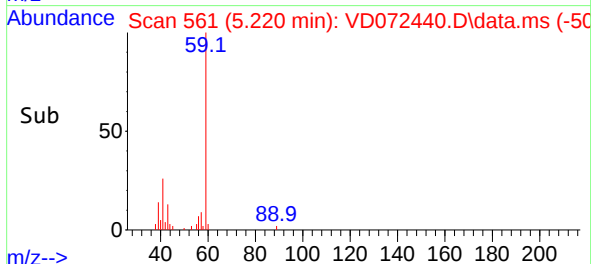
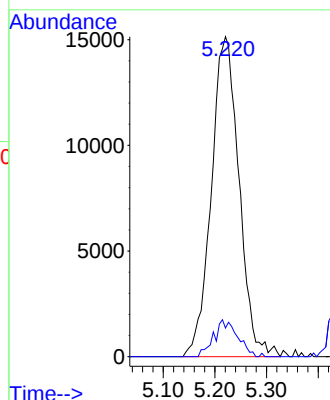


Tgt Ion: 59 Resp: 56375

Ion Ratio Lower Upper

59 100

57 9.8 7.8 11.6



#12

1,1-Dichloroethene

Concen: 41.870 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.006 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

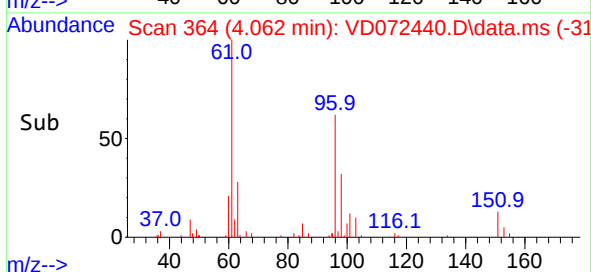
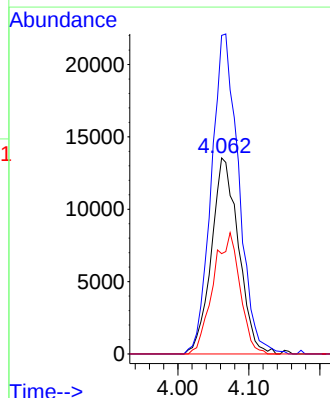
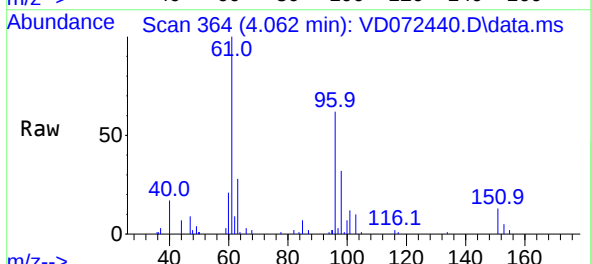
Tgt Ion: 96 Resp: 35916

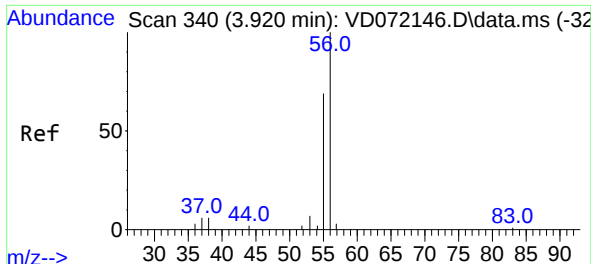
Ion Ratio Lower Upper

96 100

61 162.5 138.5 207.7

98 51.2 48.6 73.0





#13

Acrolein

Concen: 5.166 ug/l

RT: 3.915 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

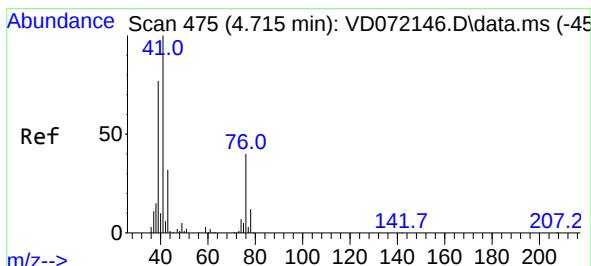
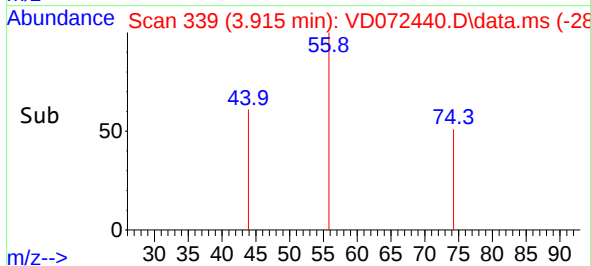
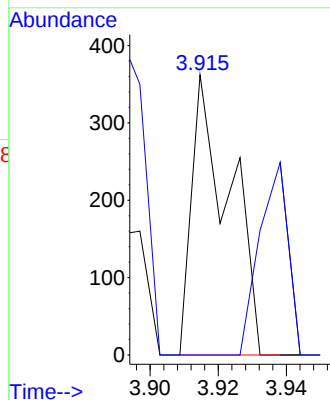
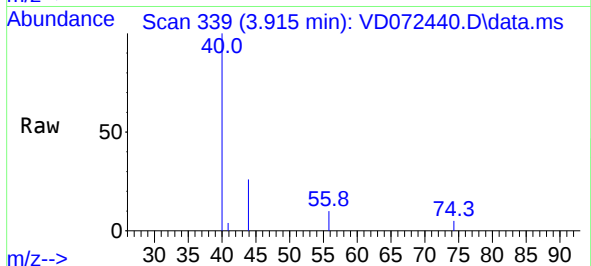
SB-12-20220315-16.0-17.0MS

Tgt Ion: 56 Resp: 278

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#14

Allyl chloride

Concen: 41.081 ug/l

RT: 4.715 min Scan# 475

Delta R.T. 0.000 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

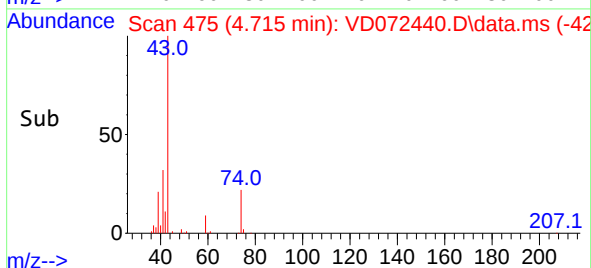
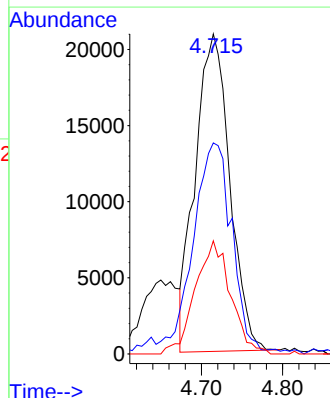
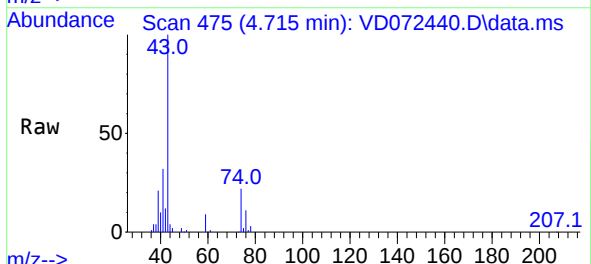
Tgt Ion: 41 Resp: 61612

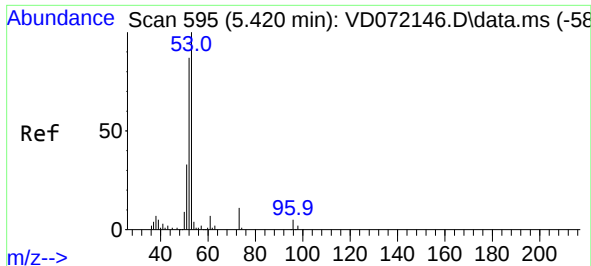
Ion Ratio Lower Upper

41 100

39 75.6 59.3 88.9

76 36.5 25.7 38.5

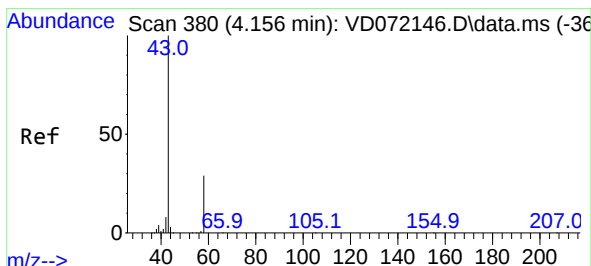
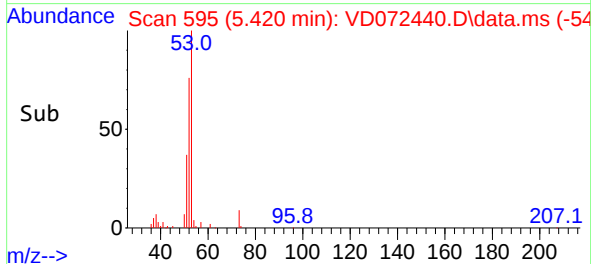
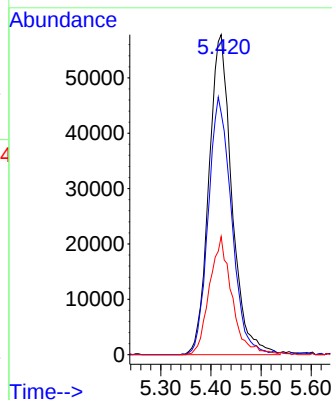
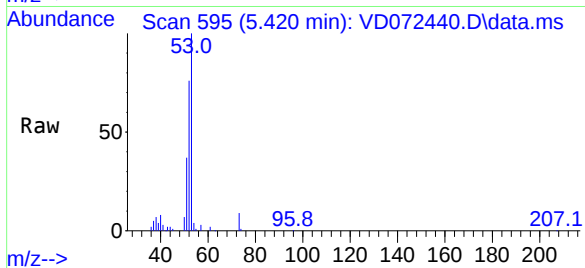




#15
Acrylonitrile
Concen: 791.033 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

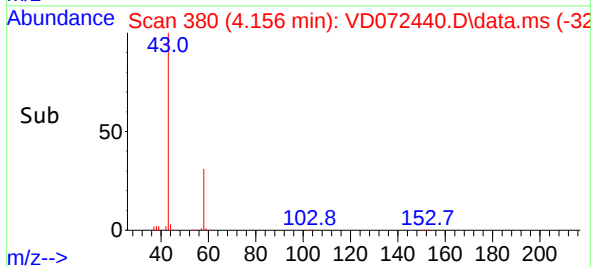
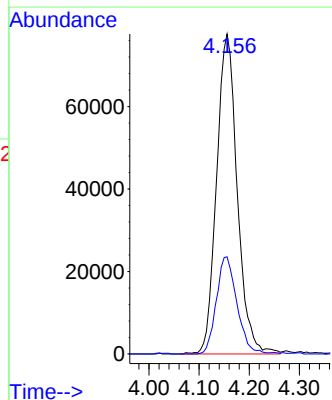
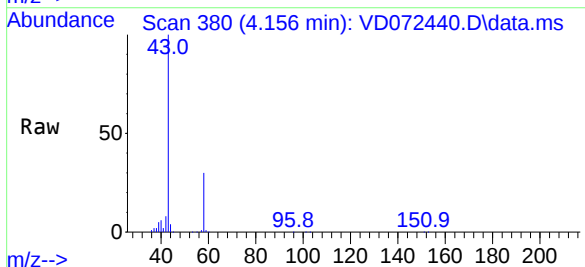
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

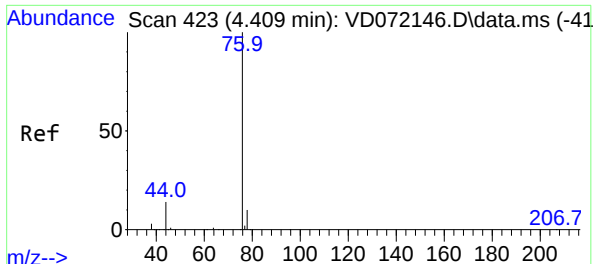
Tgt Ion:	53	Resp:	184337
Ion	Ratio	Lower	Upper
53	100		
52	81.4	67.2	100.8
51	36.0	30.3	45.5



#16
Acetone
Concen: 984.036 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion:	43	Resp:	222231
Ion	Ratio	Lower	Upper
43	100		
58	30.3	22.1	33.1

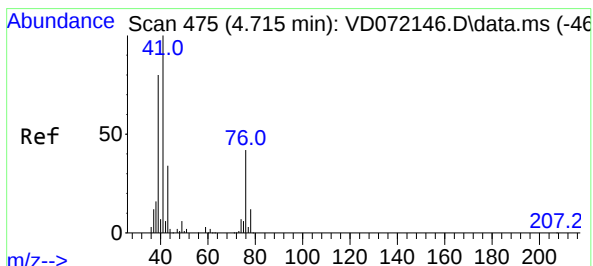
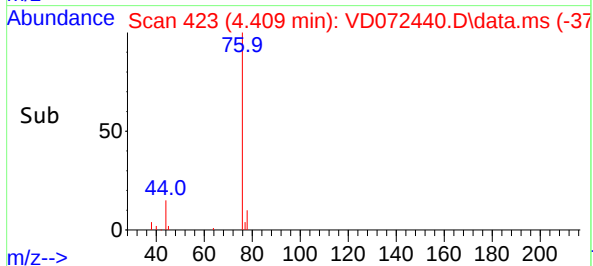
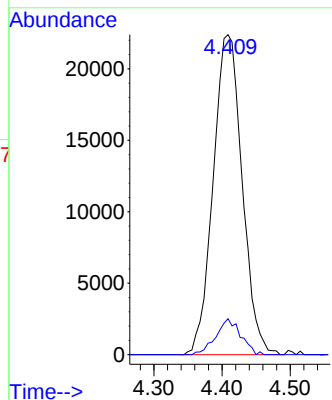
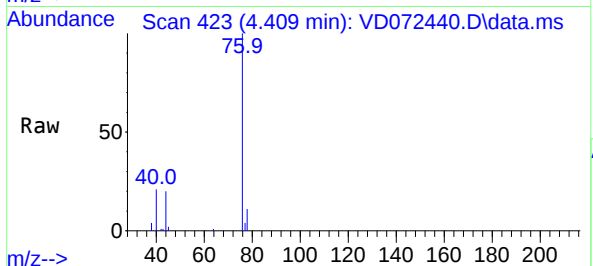




#17
Carbon Disulfide
Concen: 33.637 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

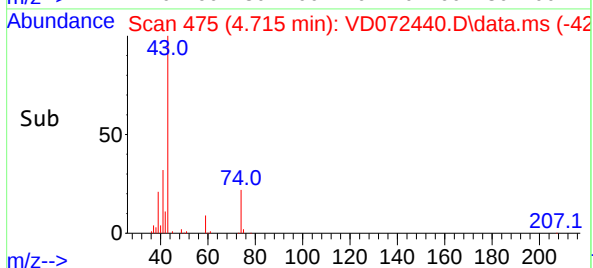
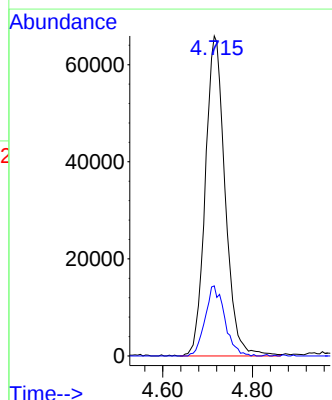
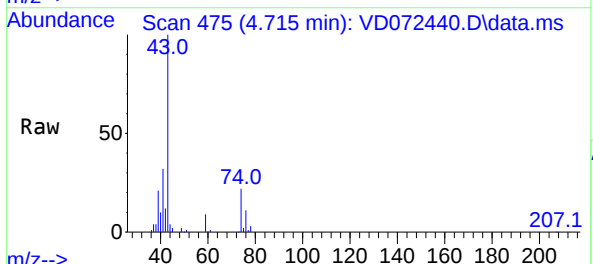
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

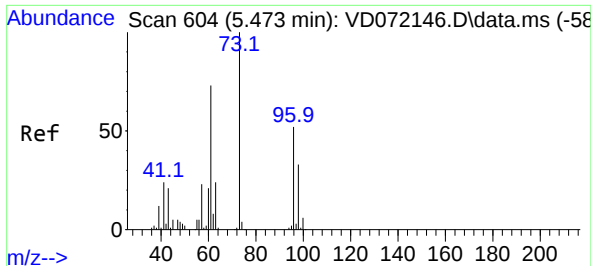
Tgt Ion: 76 Resp: 66283
Ion Ratio Lower Upper
76 100
78 11.2 7.5 11.3



#18
Methyl Acetate
Concen: 364.989 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 43 Resp: 201998
Ion Ratio Lower Upper
43 100
74 21.8 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 149.515 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

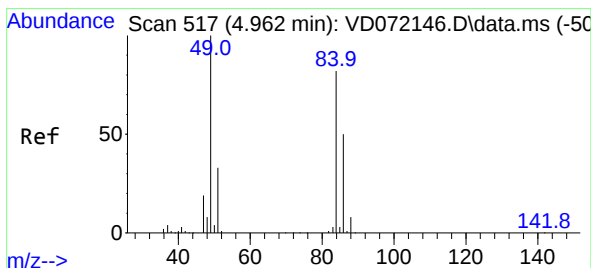
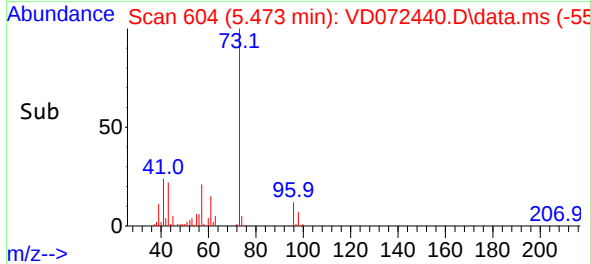
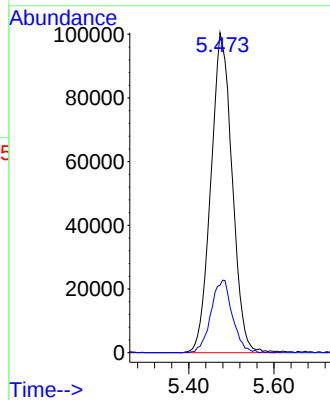
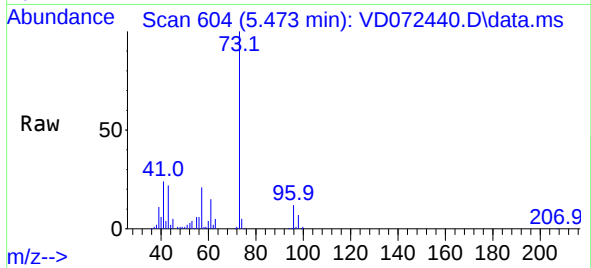
SB-12-20220315-16.0-17.0MS

Tgt Ion: 73 Resp: 348595

Ion Ratio Lower Upper

73 100

57 21.1 18.0 27.0



#20

Methylene Chloride

Concen: 88.077 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

Tgt Ion: 84 Resp: 92983

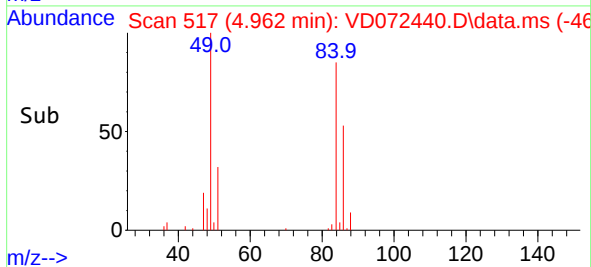
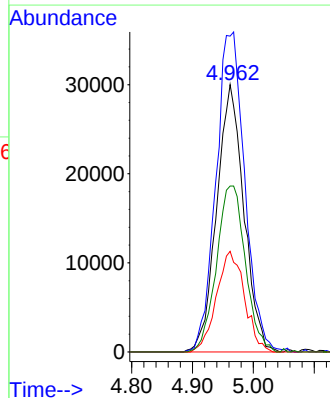
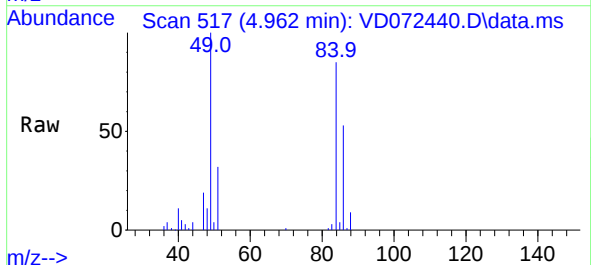
Ion Ratio Lower Upper

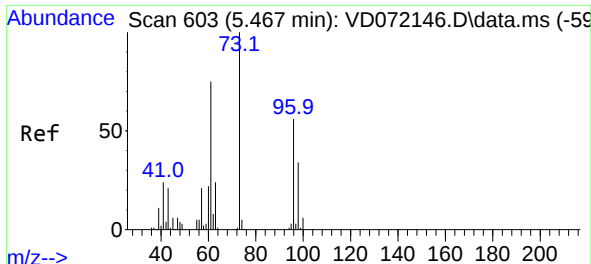
84 100

49 118.2 112.8 169.2

51 37.7 32.6 48.8

86 62.1 47.9 71.9

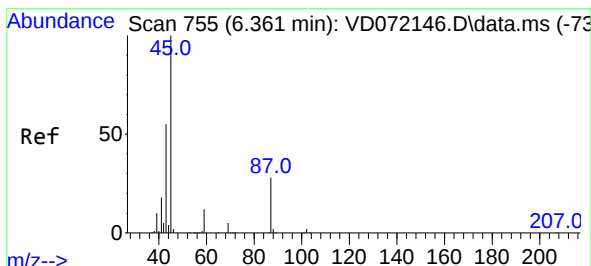
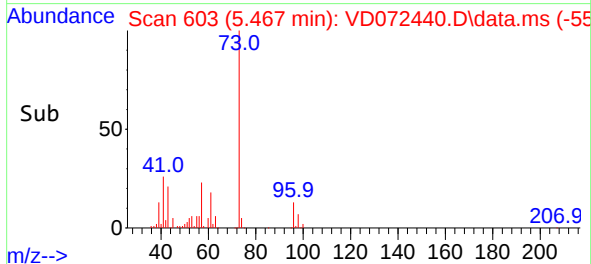
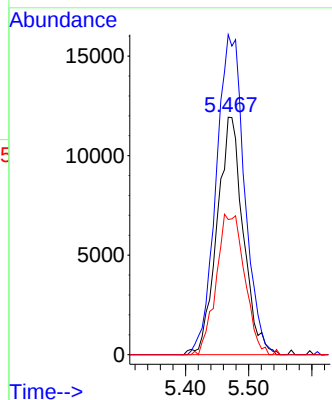
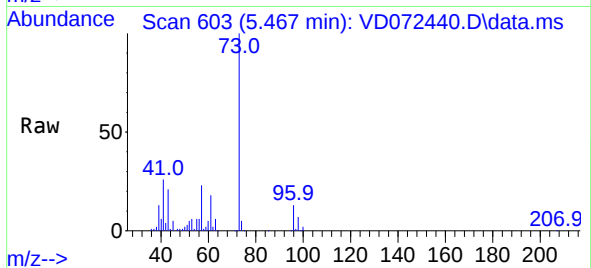




#21
trans-1,2-Dichloroethene
Concen: 36.265 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

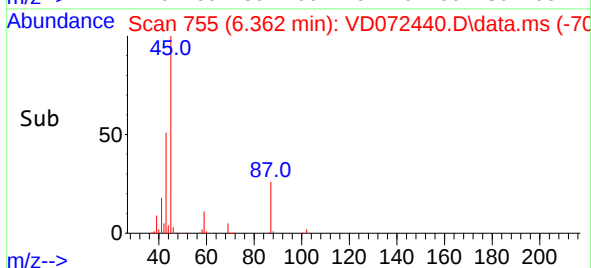
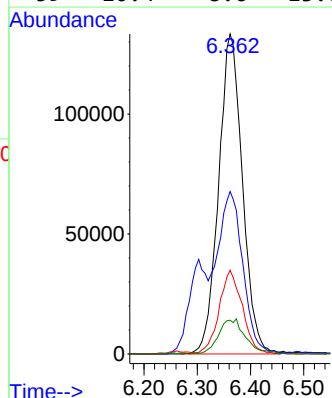
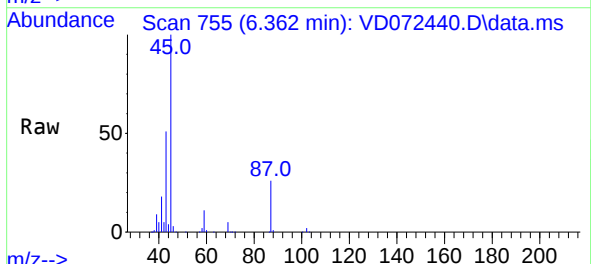
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

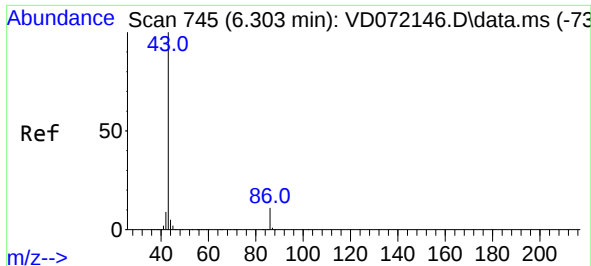
Tgt Ion: 96 Resp: 34407
Ion Ratio Lower Upper
96 100
61 134.7 117.9 176.9
98 57.0 49.4 74.2



#22
Diisopropyl ether
Concen: 121.179 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 45 Resp: 414537
Ion Ratio Lower Upper
45 100
43 50.3 46.6 70.0
87 26.1 18.4 27.6
59 10.4 8.6 13.0

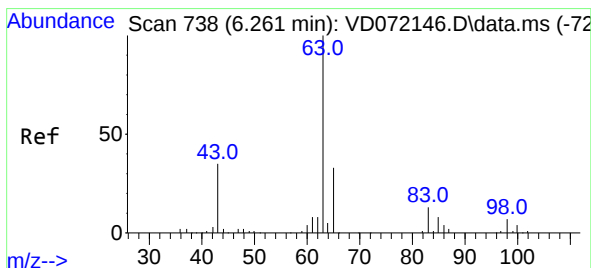
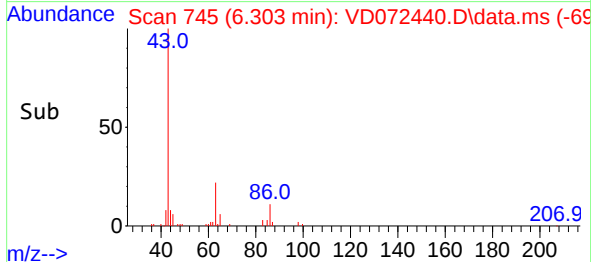
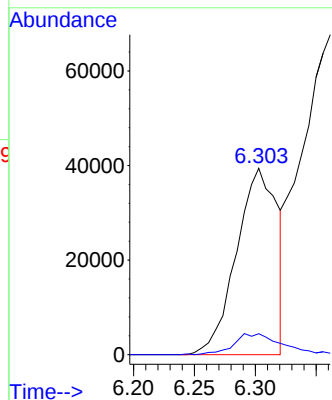
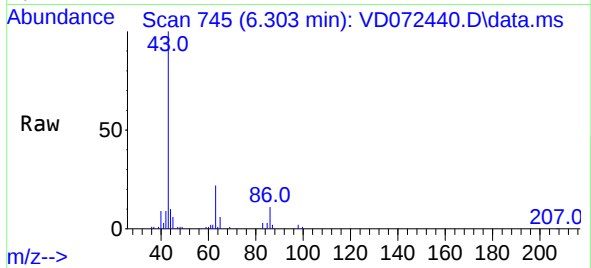




#23
Vinyl Acetate
Concen: 52.802 ug/l
RT: 6.303 min Scan# 745
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

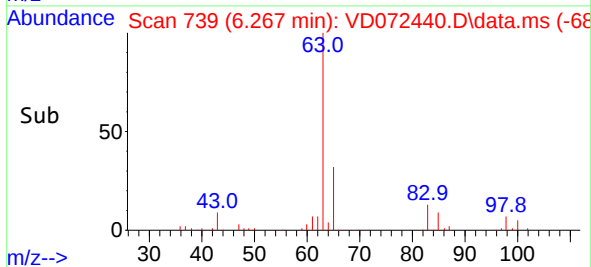
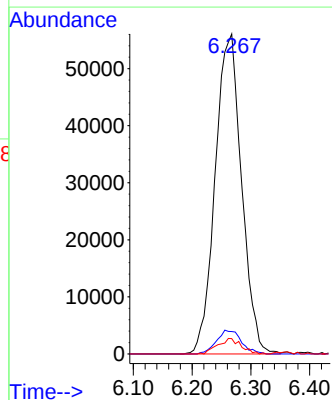
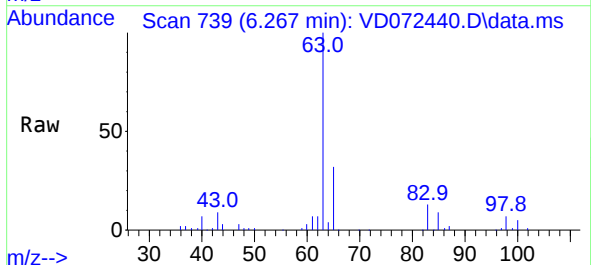
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

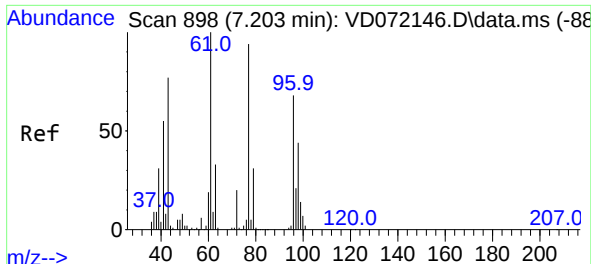
Tgt Ion: 43 Resp: 92184
Ion Ratio Lower Upper
43 100
86 11.2 7.1 10.7#



#24
1,1-Dichloroethane
Concen: 86.662 ug/l
RT: 6.267 min Scan# 739
Delta R.T. 0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 63 Resp: 174838
Ion Ratio Lower Upper
63 100
98 7.0 3.6 10.9
100 4.8 2.1 6.5

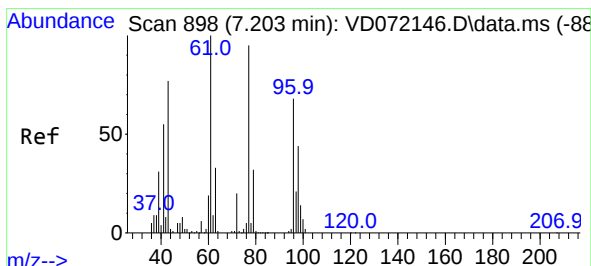
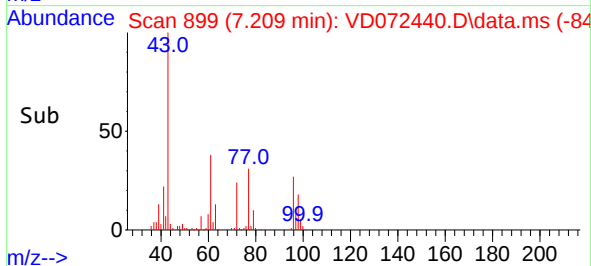
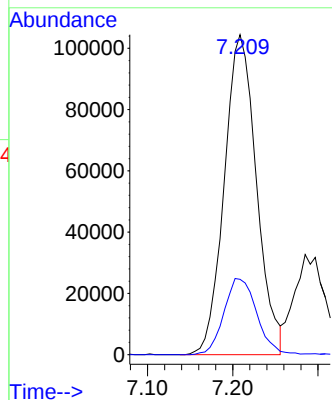
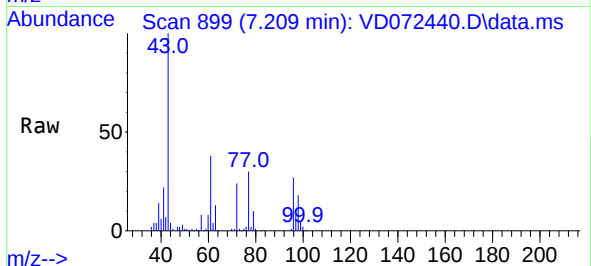




#25
2-Butanone
Concen: 911.433 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

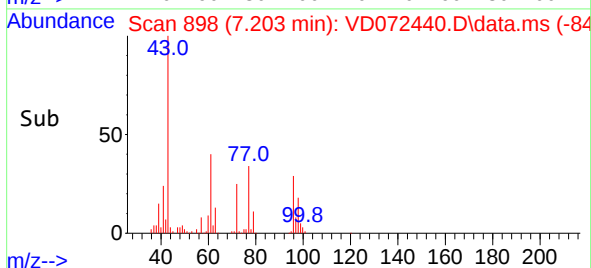
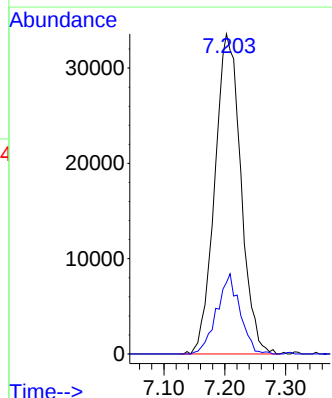
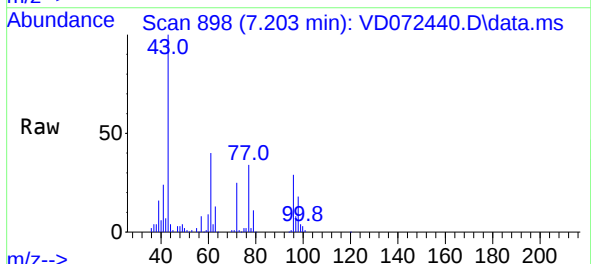
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

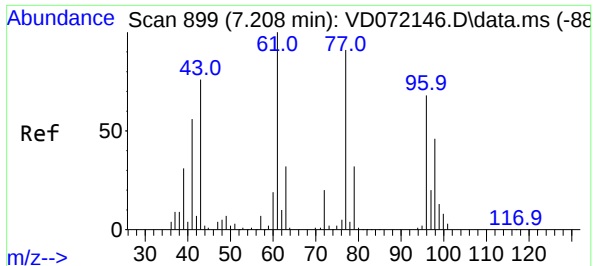
Tgt Ion: 43 Resp: 274442
Ion Ratio Lower Upper
43 100
72 23.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 54.753 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 77 Resp: 99668
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.4

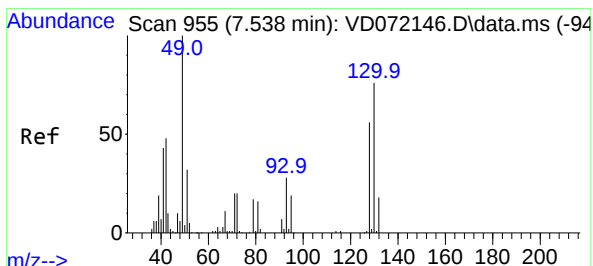
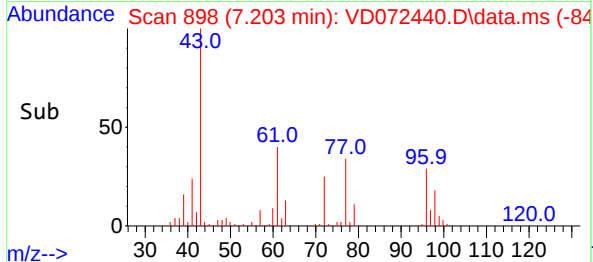
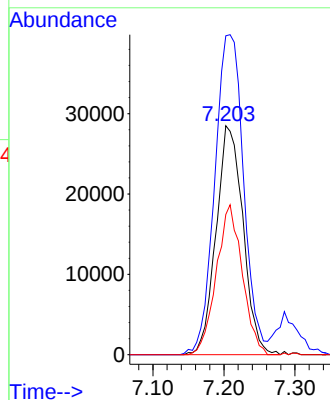
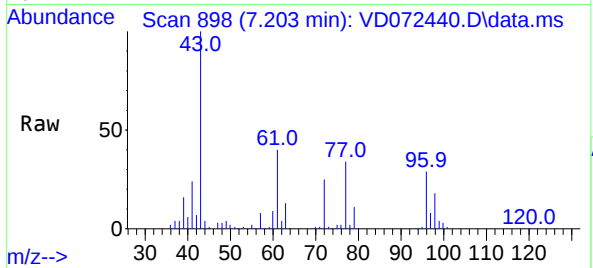




#27
cis-1,2-Dichloroethene
Concen: 61.928 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

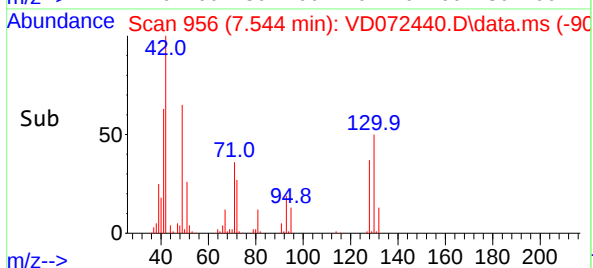
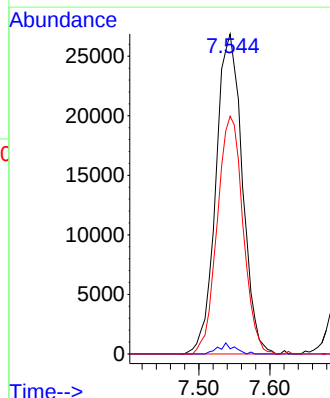
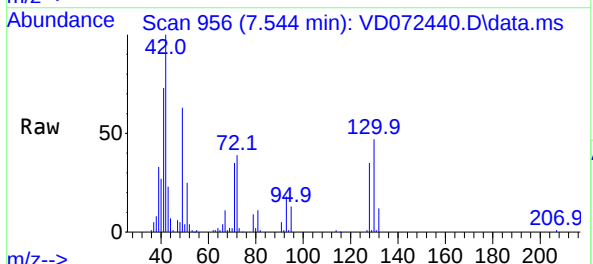
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

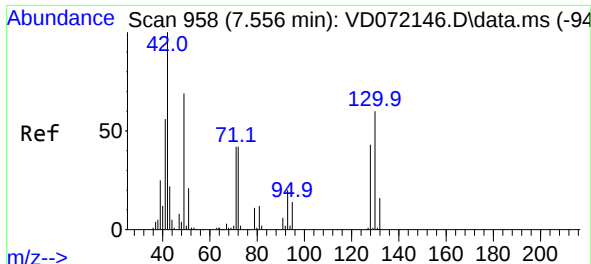
Tgt Ion: 96 Resp: 75013
Ion Ratio Lower Upper
96 100
61 149.9 0.0 313.8
98 62.9 0.0 128.8



#28
Bromochloromethane
Concen: 85.351 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 49 Resp: 69321
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 72.4 52.6 79.0

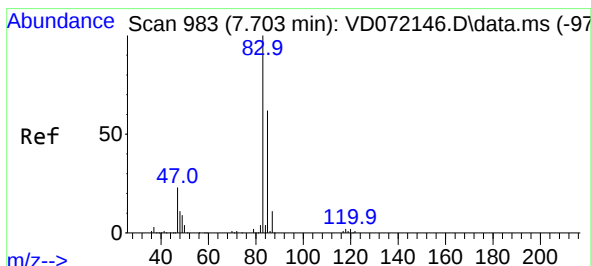
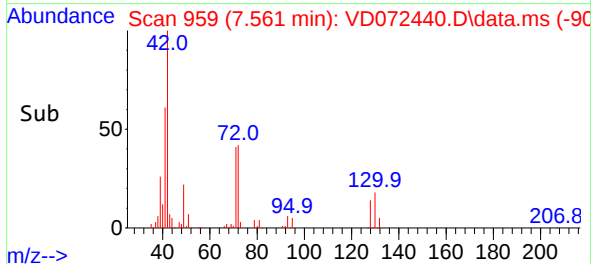
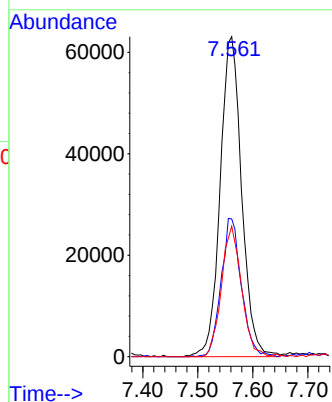
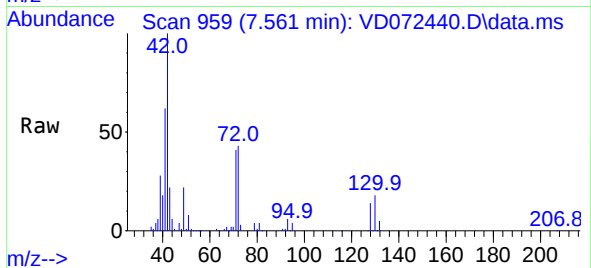




#29
Tetrahydrofuran
Concen: 967.412 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

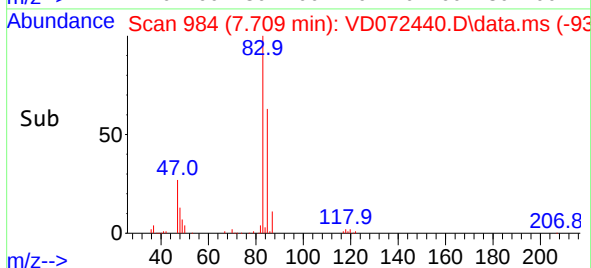
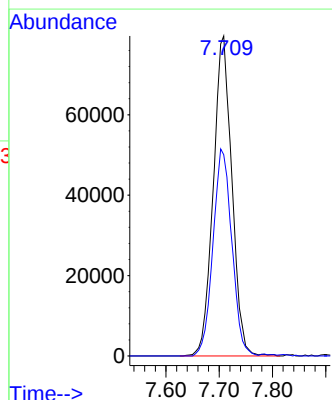
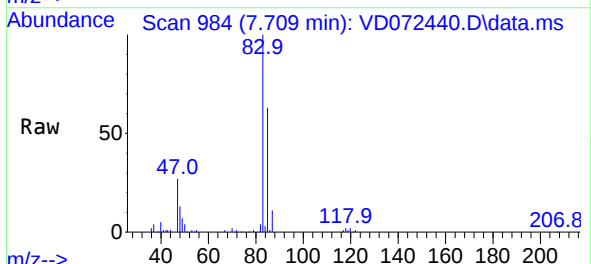
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

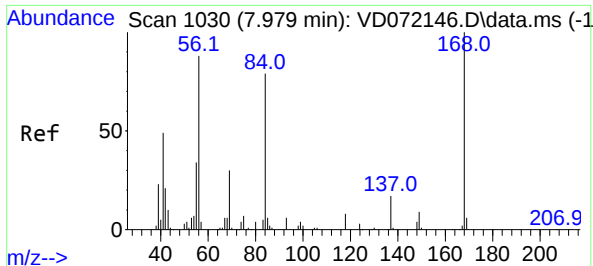
Tgt Ion: 42 Resp: 171287
Ion Ratio Lower Upper
42 100
72 40.7 30.7 46.1
71 38.1 28.6 43.0



#30
Chloroform
Concen: 89.867 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 83 Resp: 193150
Ion Ratio Lower Upper
83 100
85 62.9 52.7 79.1





#31

Cyclohexane

Concen: 27.777 ug/l

RT: 7.985 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

SB-12-20220315-16.0-17.0MS

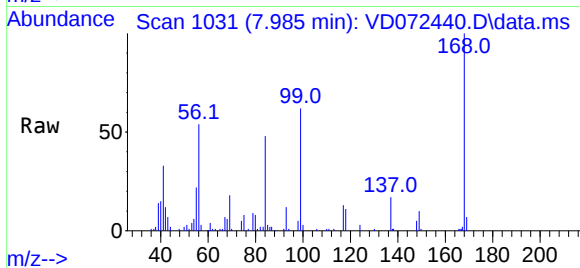
Tgt Ion: 56 Resp: 45140

Ion Ratio Lower Upper

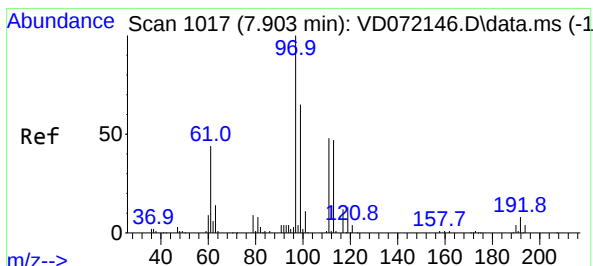
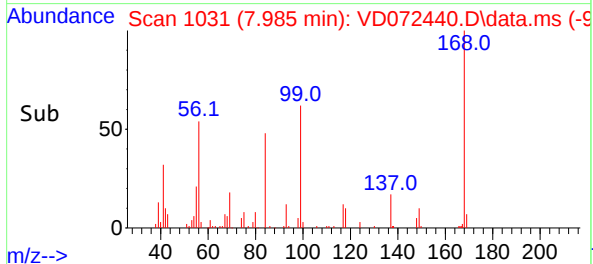
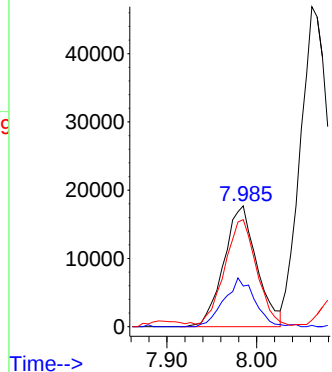
56 100

69 33.7 25.4 38.2

84 85.1 63.0 94.4



Abundance



#32

1,1,1-Trichloroethane

Concen: 57.408 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

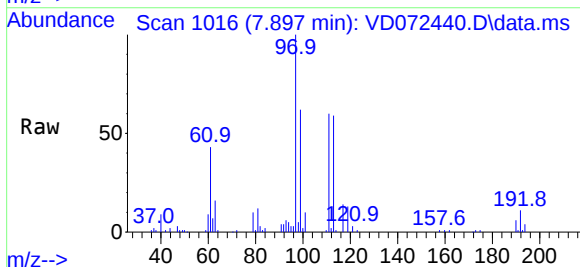
Tgt Ion: 97 Resp: 109586

Ion Ratio Lower Upper

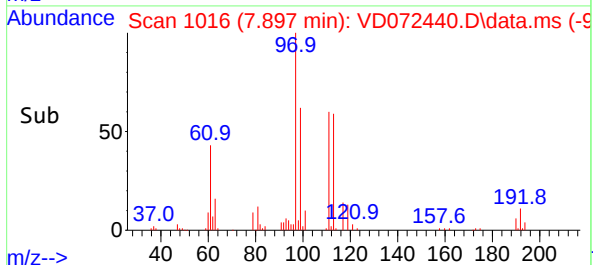
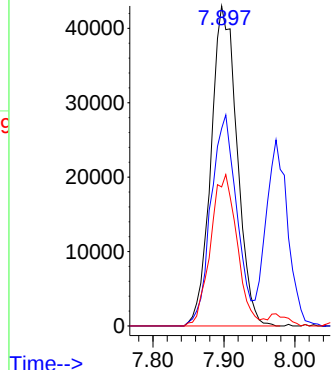
97 100

99 64.9 52.4 78.6

61 48.0 38.0 57.0



Abundance





#33

1,2-Dichloroethane-d4

Concen: 105.642 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

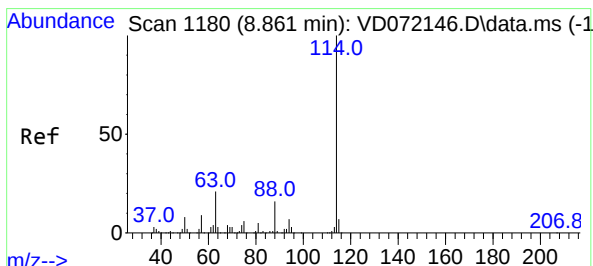
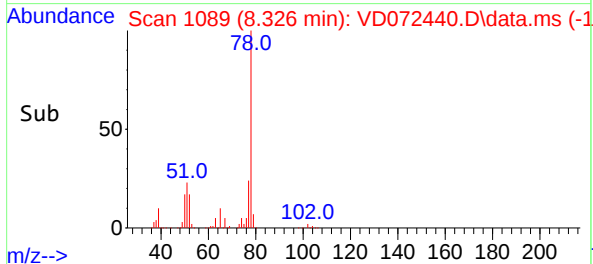
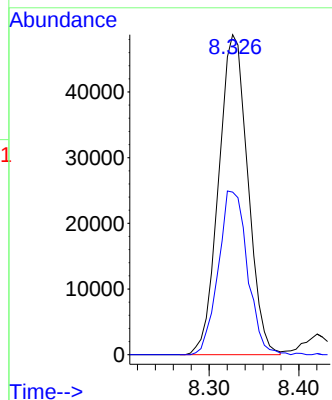
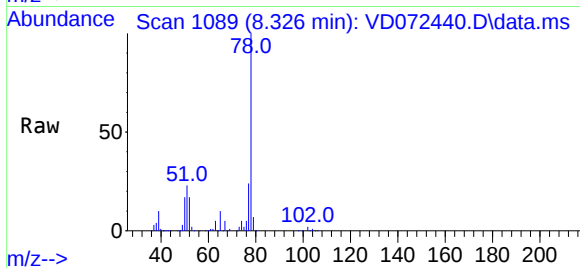
SB-12-20220315-16.0-17.0MS

Tgt Ion: 65 Resp: 109883

Ion Ratio Lower Upper

65 100

67 51.1 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: VD072440.D

Acq: 25 Mar 2022 20:29

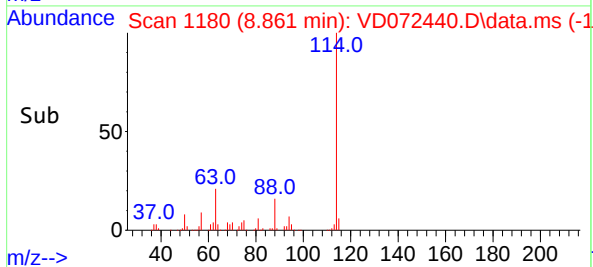
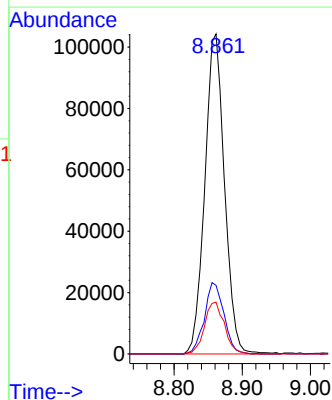
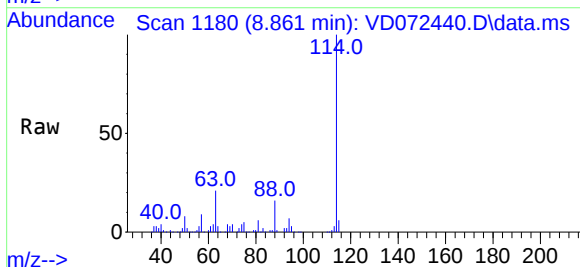
Tgt Ion: 114 Resp: 209478

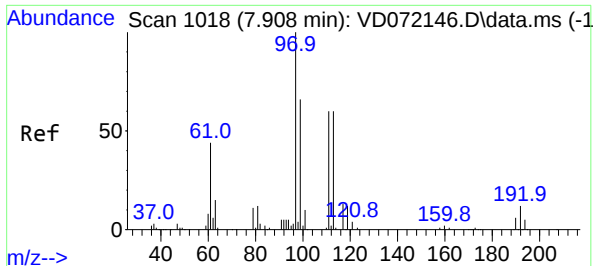
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 16.2 0.0 33.2

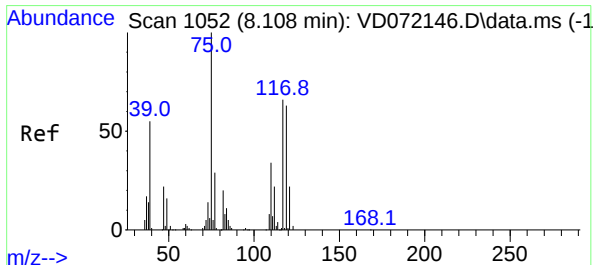
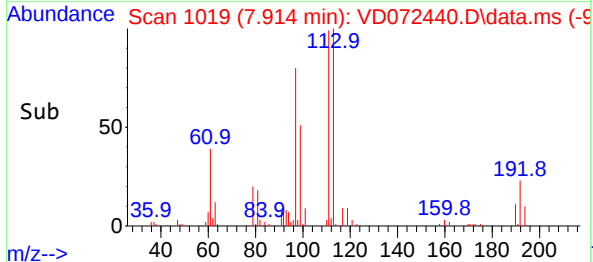
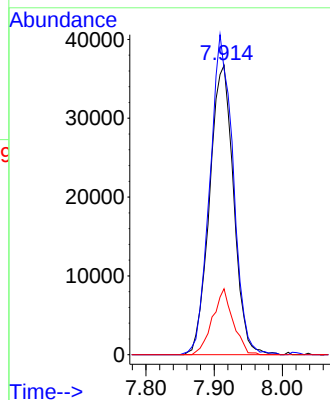
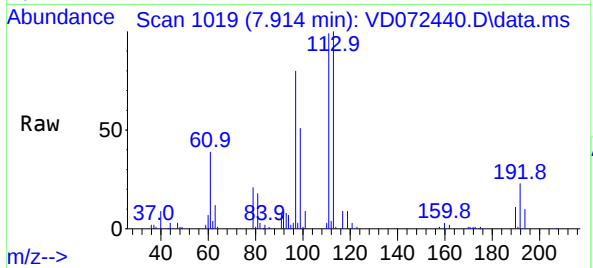




#35
Dibromofluoromethane
Concen: 61.044 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

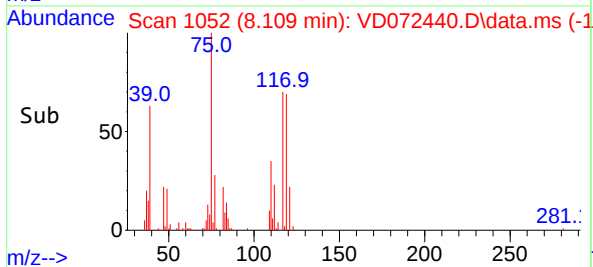
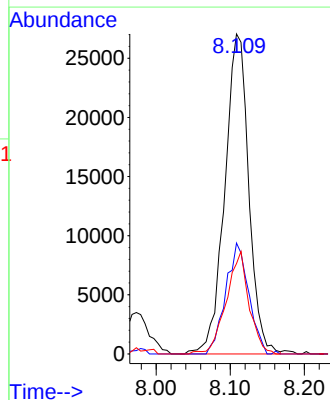
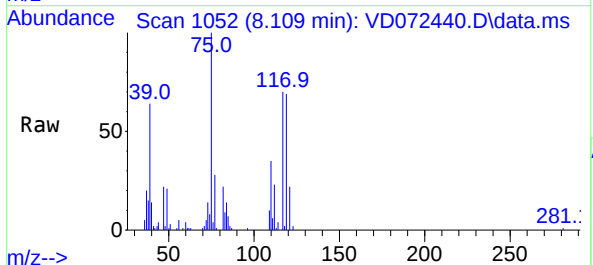
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

Tgt Ion:113 Resp: 89986
Ion Ratio Lower Upper
113 100
111 107.4 83.8 125.6
192 19.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 29.431 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 75 Resp: 60863
Ion Ratio Lower Upper
75 100
110 33.2 16.4 49.1
77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 92.159 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

SB-12-20220315-16.0-17.0MS

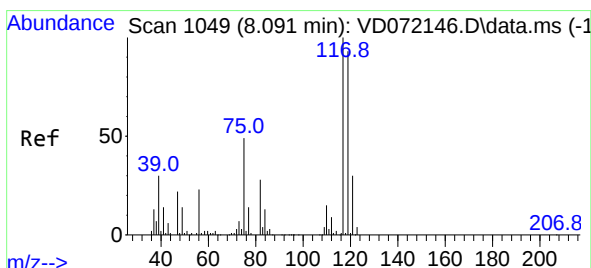
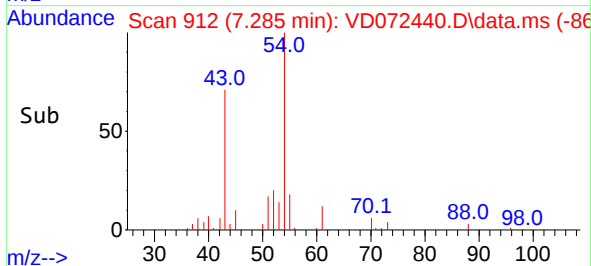
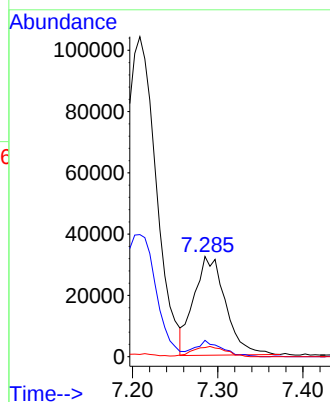
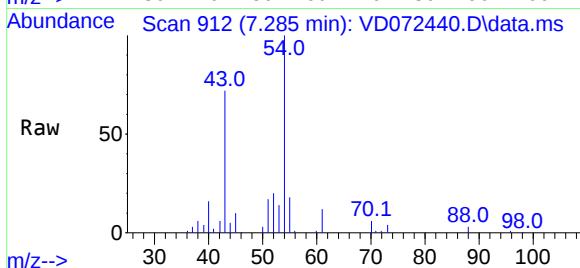
Tgt Ion: 43 Resp: 83484

Ion Ratio Lower Upper

43 100

61 13.4 9.8 14.8

70 10.6 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 30.943 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

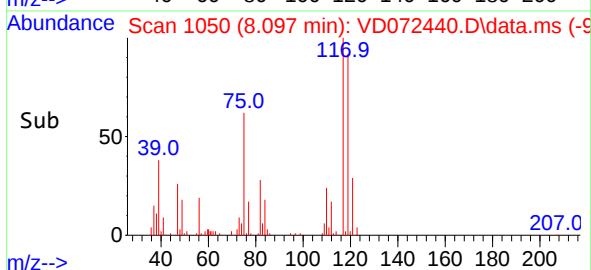
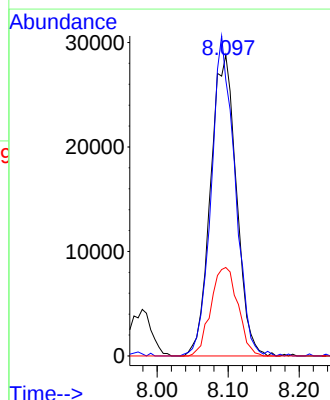
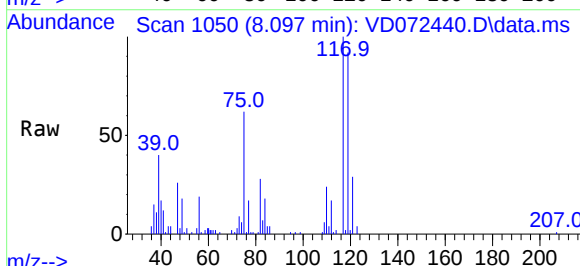
Tgt Ion: 117 Resp: 72737

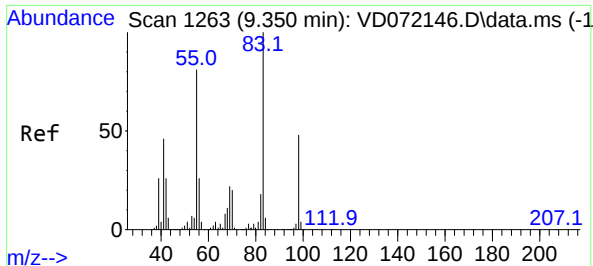
Ion Ratio Lower Upper

117 100

119 91.8 75.8 113.6

121 29.5 24.5 36.7





#39

Methylcyclohexane

Concen: 18.080 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072440.D

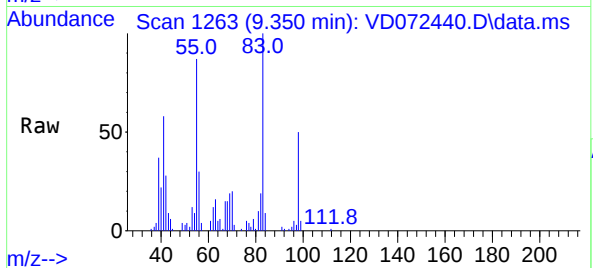
Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

SB-12-20220315-16.0-17.0MS



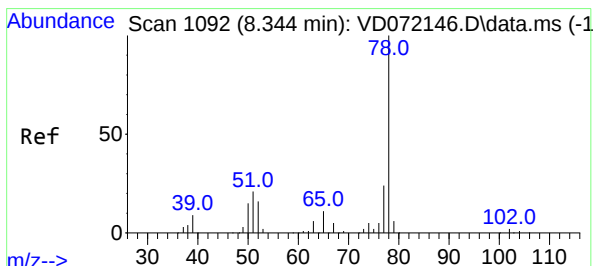
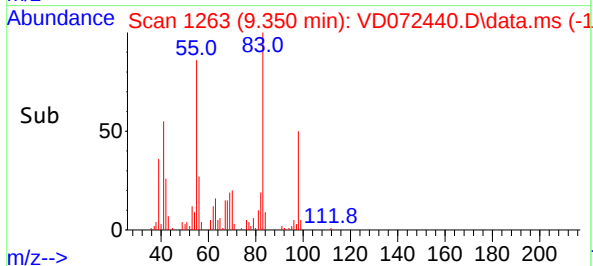
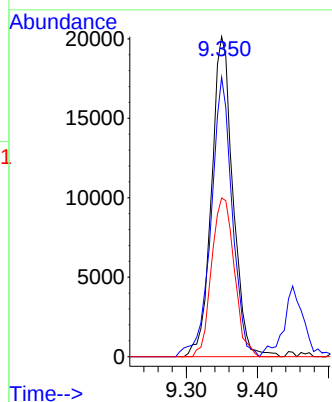
Tgt Ion: 83 Resp: 42075

Ion Ratio Lower Upper

83 100

55 85.7 63.2 94.8

98 49.6 38.2 57.4



#40

Benzene

Concen: 517.280 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD072440.D

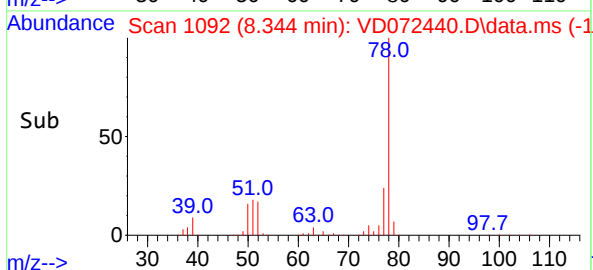
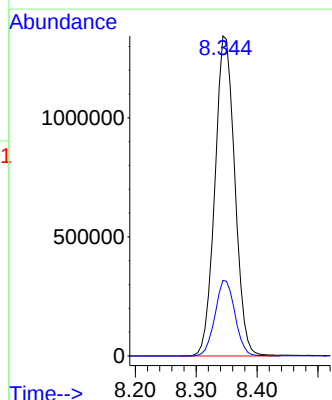
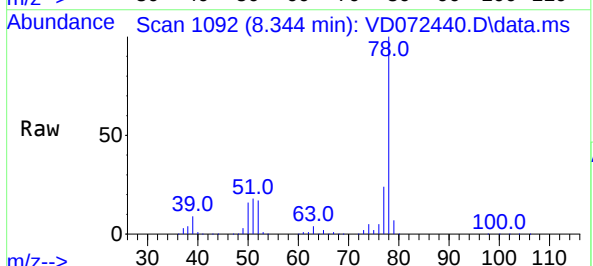
Acq: 25 Mar 2022 20:29

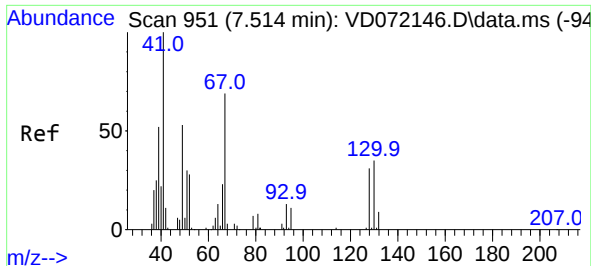
Tgt Ion: 78 Resp: 3051806

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7



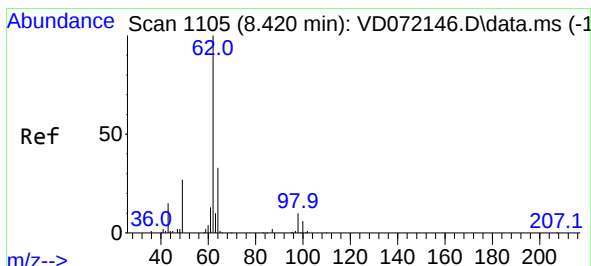
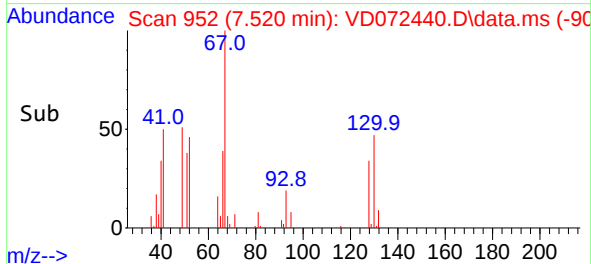
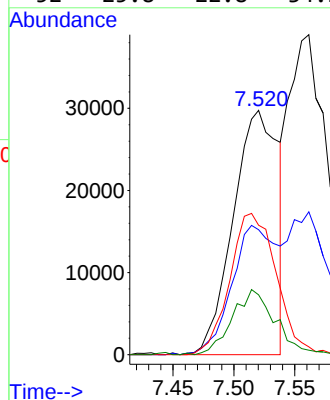
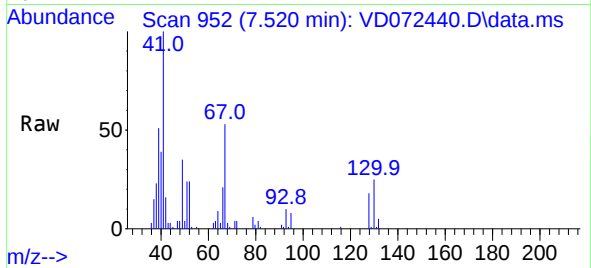


#41
Methacrylonitrile
Concen: 144.411 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

Tgt Ion: 41 Resp: 76248

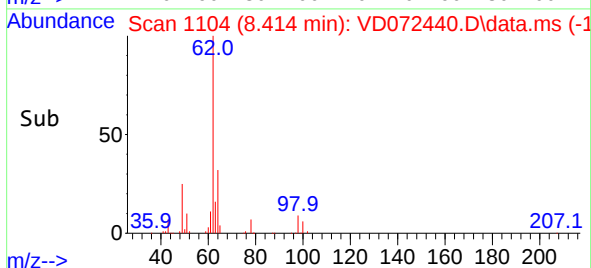
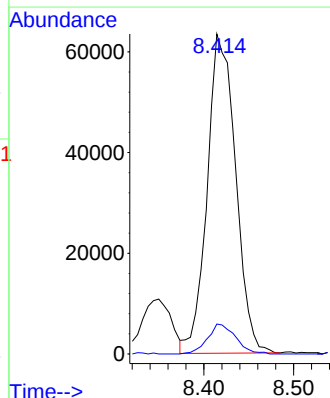
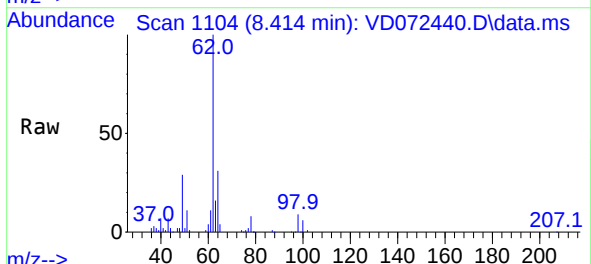
Ion	Ratio	Lower	Upper
41	100		
39	53.4	44.6	67.0
67	60.1	48.2	72.4
52	25.8	22.8	34.2



#42
1,2-Dichloroethane
Concen: 77.896 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 62 Resp: 139410

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.6

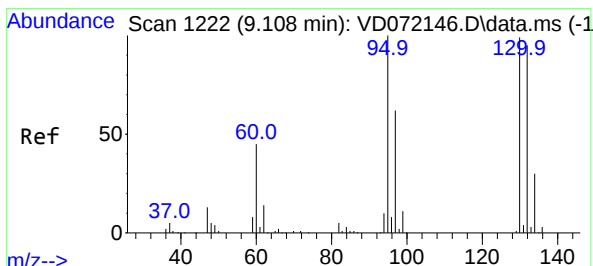
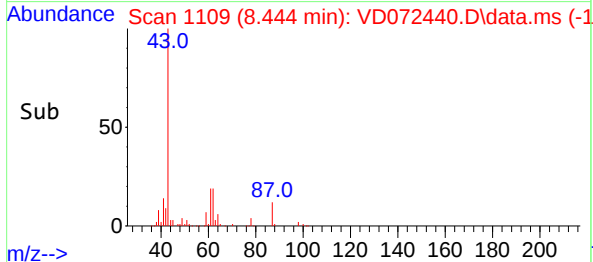
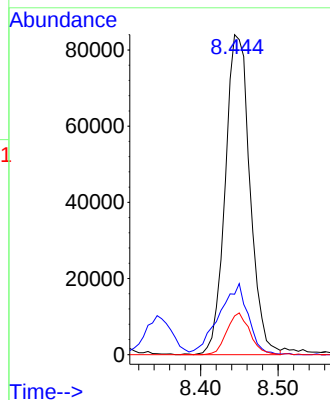
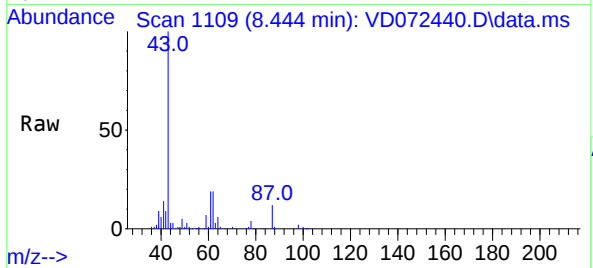




#43
Isopropyl Acetate
Concen: 106.059 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

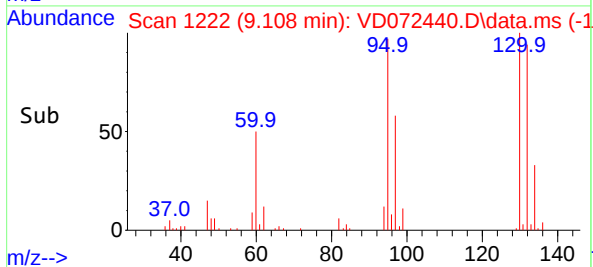
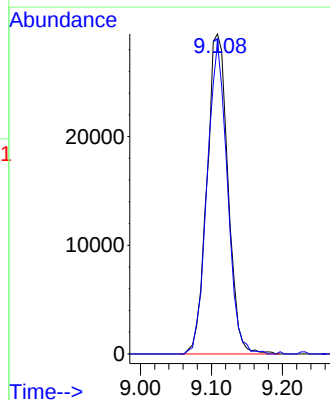
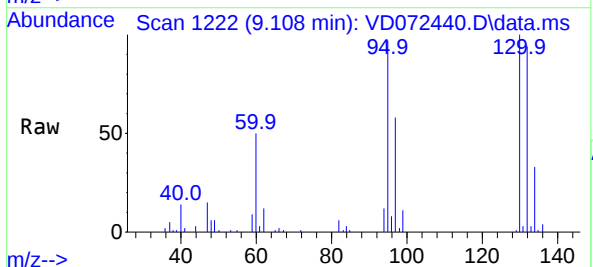
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

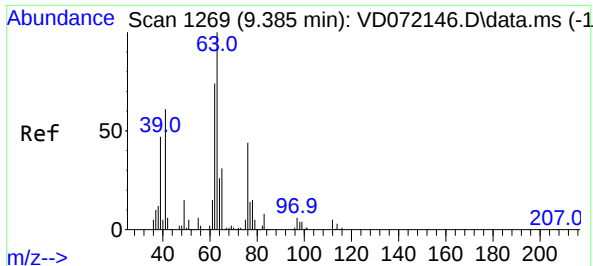
Tgt Ion: 43 Resp: 186477
Ion Ratio Lower Upper
43 100
61 26.0 22.4 33.6
87 12.1 8.7 13.1



#44
Trichloroethene
Concen: 36.651 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion:130 Resp: 60703
Ion Ratio Lower Upper
130 100
95 97.0 0.0 205.4

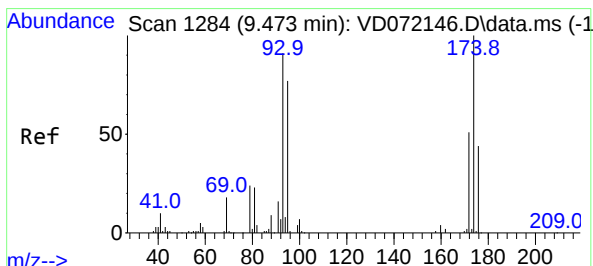
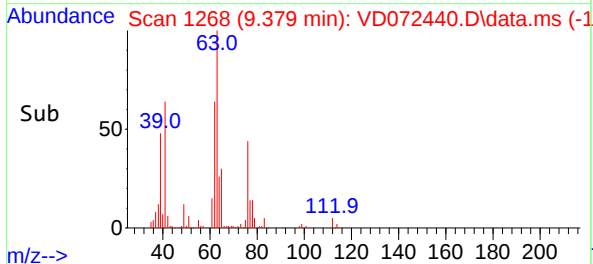
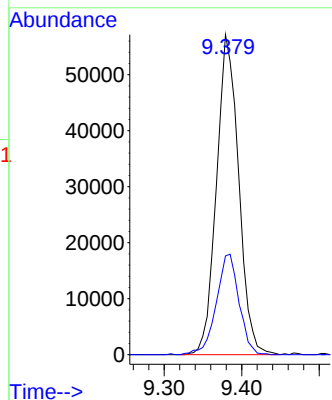
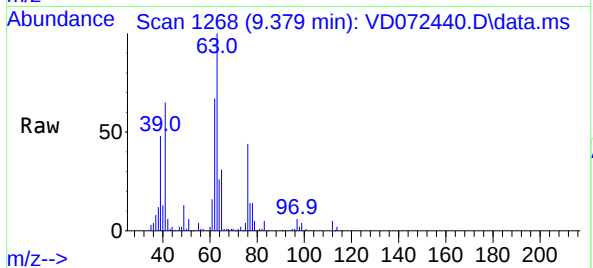




#45
1,2-Dichloropropane
Concen: 70.160 ug/l
RT: 9.379 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

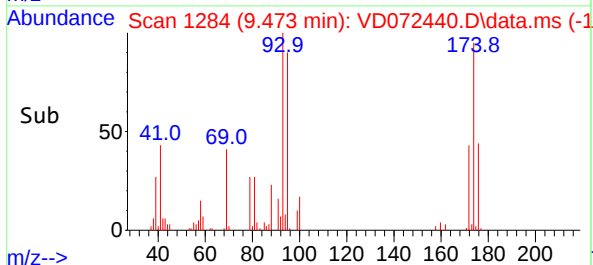
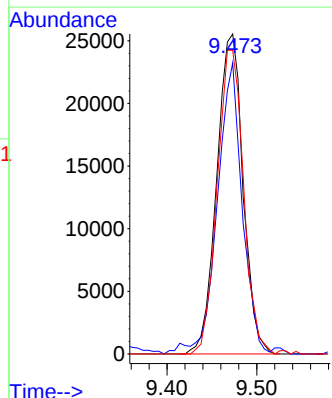
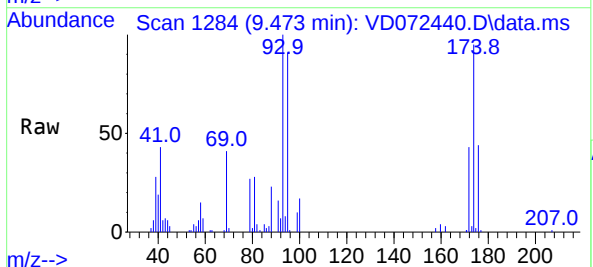
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

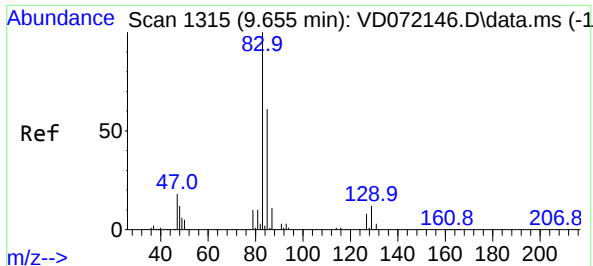
Tgt Ion: 63 Resp: 113519
Ion Ratio Lower Upper
63 100
65 30.9 26.2 39.4



#46
Dibromomethane
Concen: 65.299 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 93 Resp: 51972
Ion Ratio Lower Upper
93 100
95 86.1 66.7 100.1
174 94.7 71.6 107.4

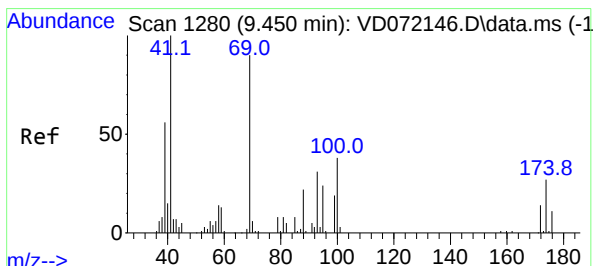
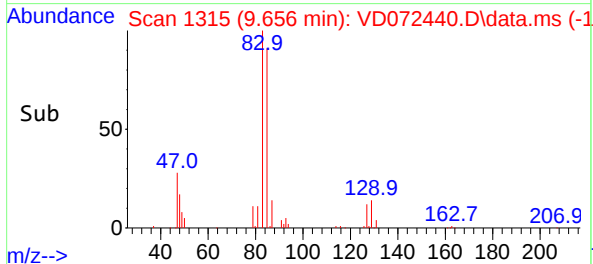
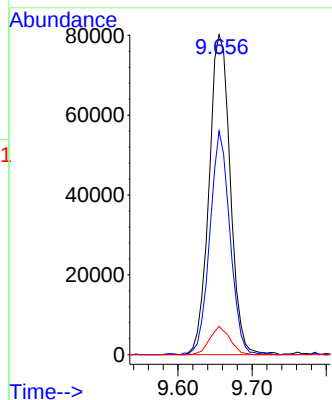
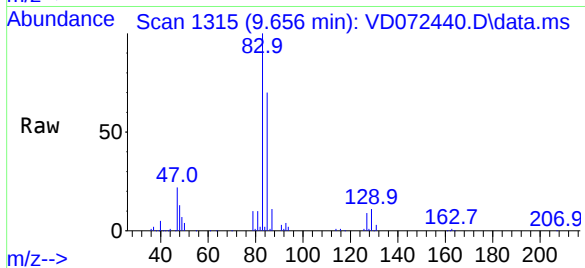




#47
Bromodichloromethane
Concen: 68.715 ug/l
RT: 9.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

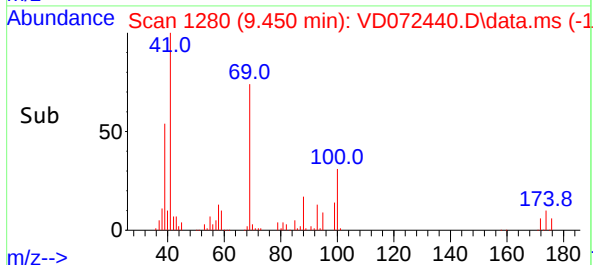
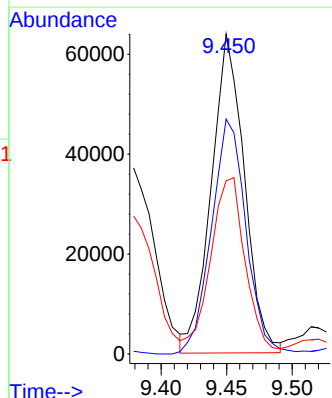
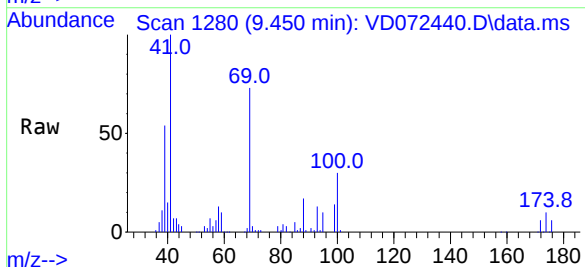
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

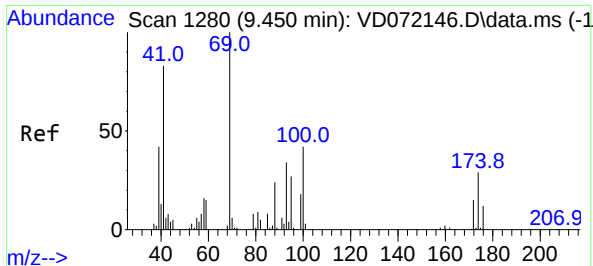
Tgt Ion: 83 Resp: 159438
Ion Ratio Lower Upper
83 100
85 69.9 51.4 77.0
127 8.9 6.1 9.1



#48
Methyl methacrylate
Concen: 133.112 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 41 Resp: 111753
Ion Ratio Lower Upper
41 100
69 77.2 56.7 85.1
39 58.7 42.7 64.1

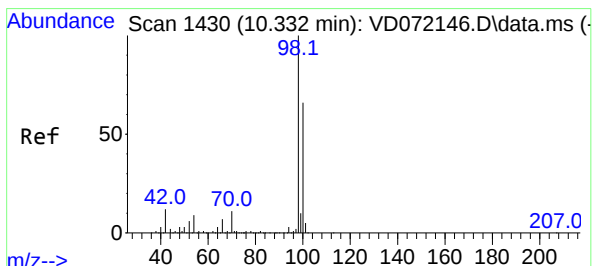
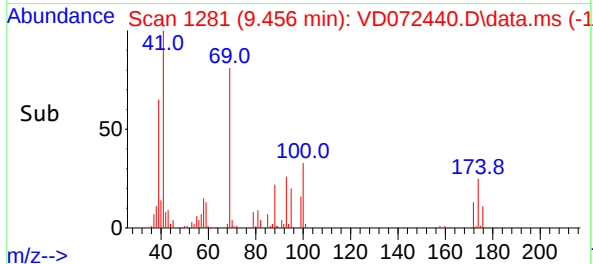
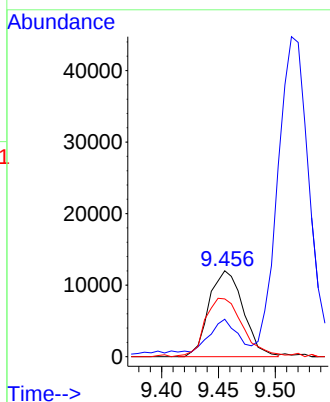
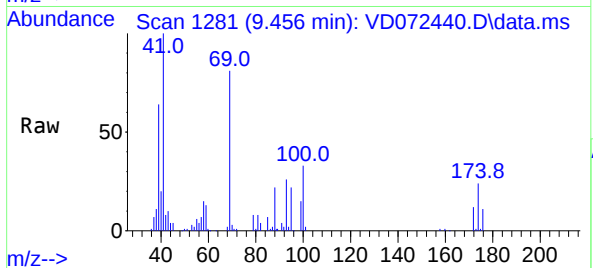




#49
1,4-Dioxane
Concen: 2639.056 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

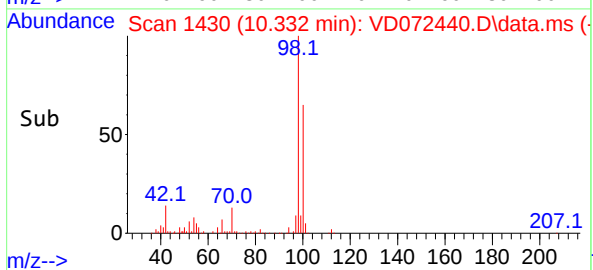
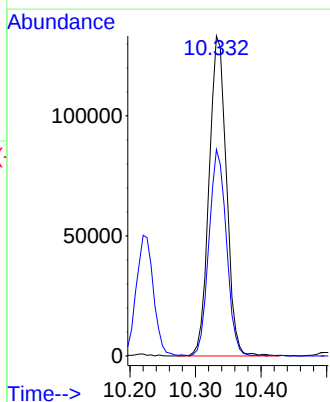
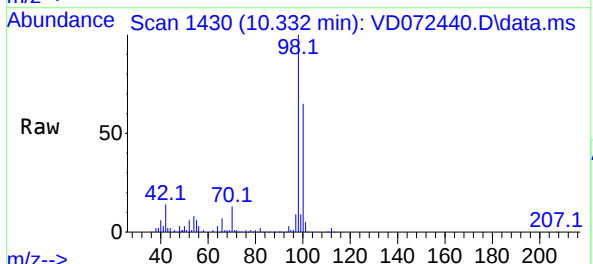
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

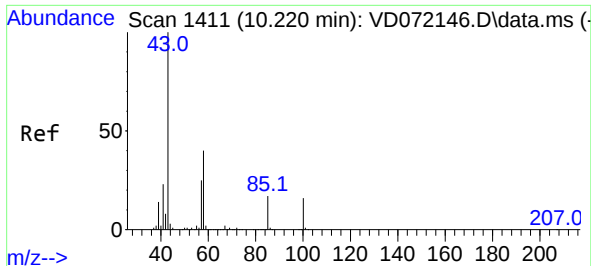
Tgt Ion: 88 Resp: 25188
Ion Ratio Lower Upper
88 100
43 30.1 31.0 46.4#
58 75.8 58.1 87.1



#50
Toluene-d8
Concen: 45.353 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 98 Resp: 244460
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

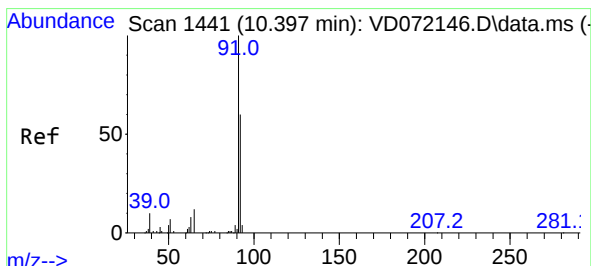
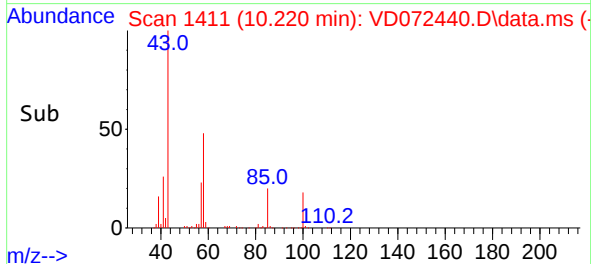
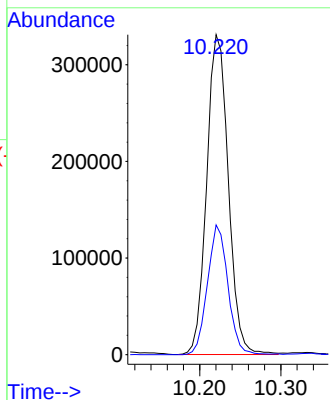
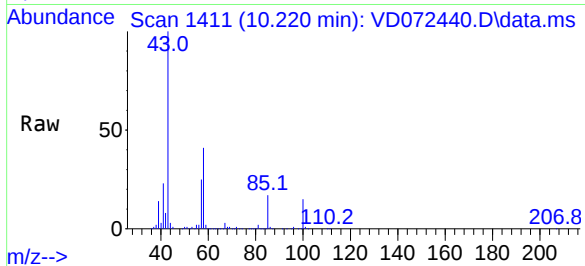




#51
4-Methyl-2-Pentanone
Concen: 663.256 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

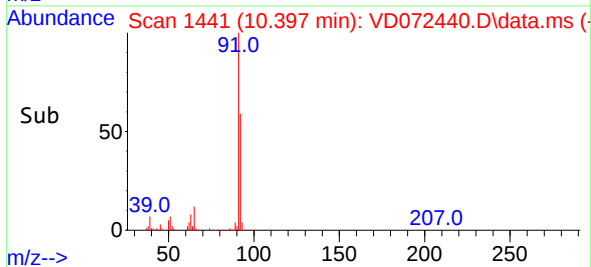
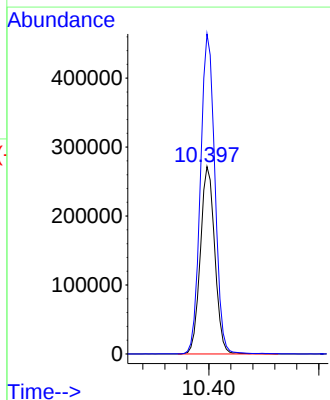
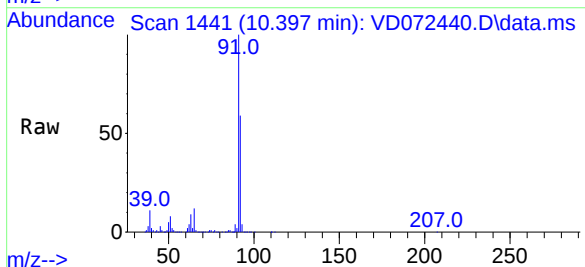
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

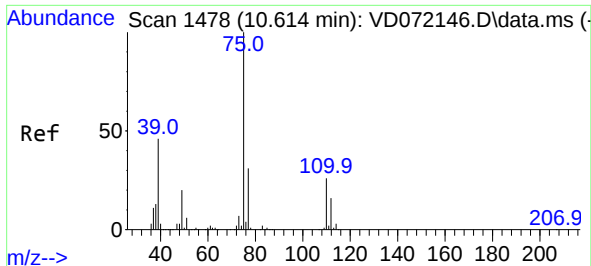
Tgt Ion: 43 Resp: 612497
Ion Ratio Lower Upper
43 100
58 38.5 28.6 43.0



#52
Toluene
Concen: 127.584 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 92 Resp: 495302
Ion Ratio Lower Upper
92 100
91 170.3 139.6 209.4

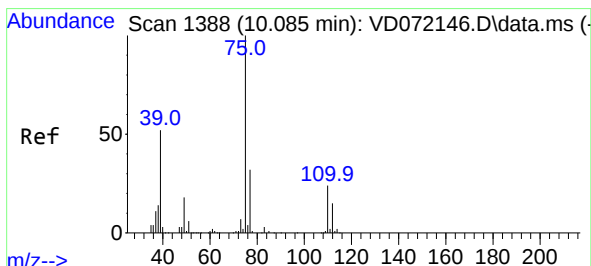
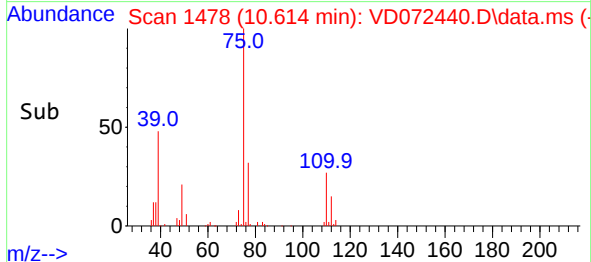
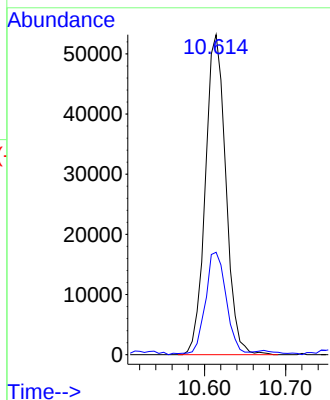
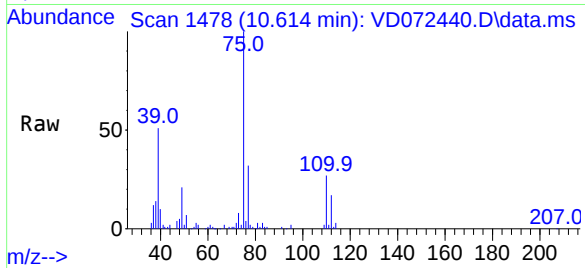




#53
t-1,3-Dichloropropene
Concen: 43.857 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

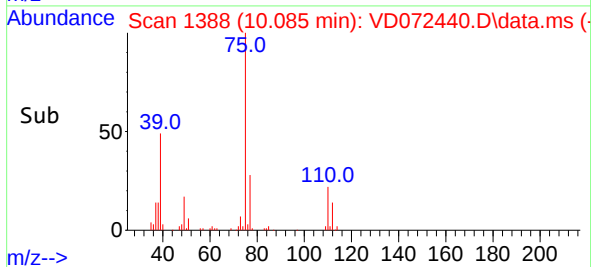
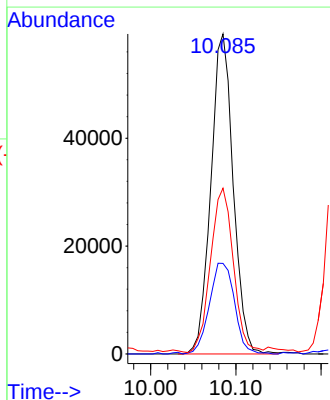
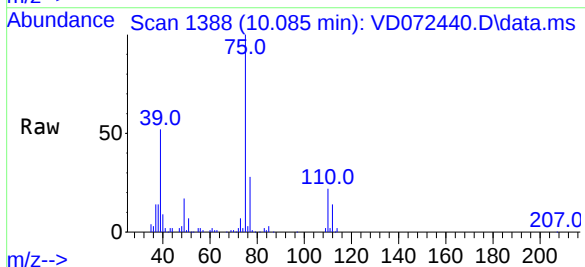
Instrument : MSVOA_D
ClientSampleId : SB-12-20220315-16.0-17.0MS

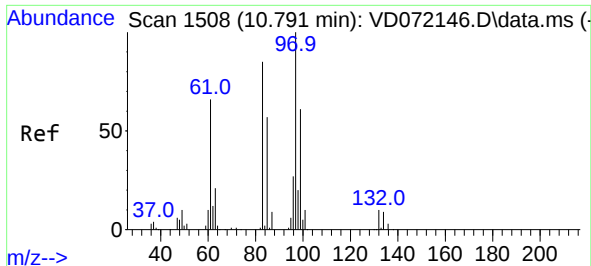
Tgt Ion: 75 Resp: 92972
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 44.093 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 75 Resp: 108055
Ion Ratio Lower Upper
75 100
77 28.3 24.8 37.2
39 50.8 46.8 70.2



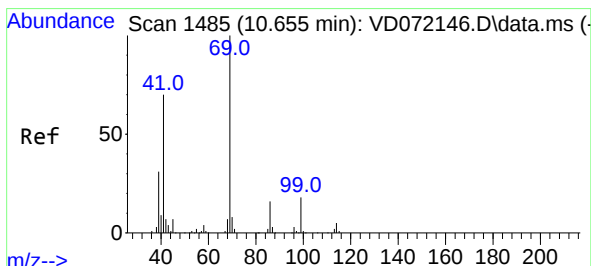
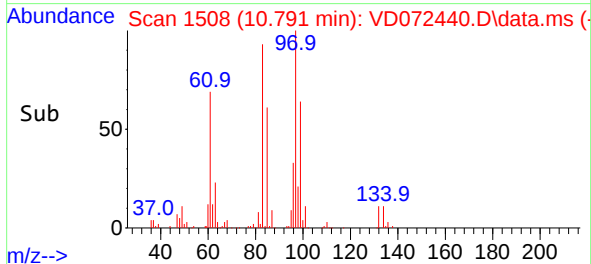
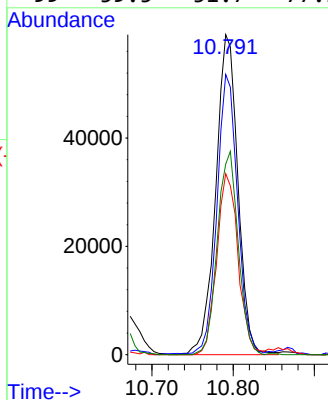
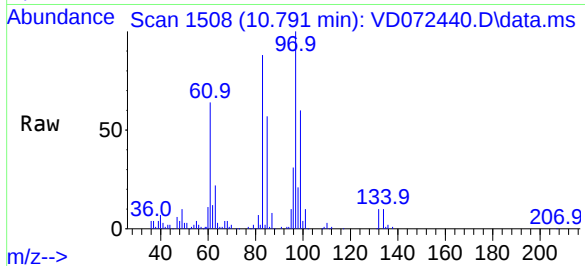


#55
1,1,2-Trichloroethane
Concen: 92.628 ug/l
RT: 10.791 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

Tgt Ion: 97 Resp: 112306

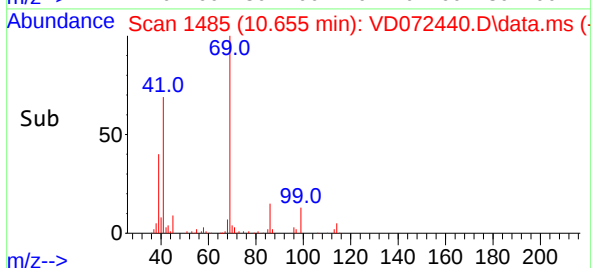
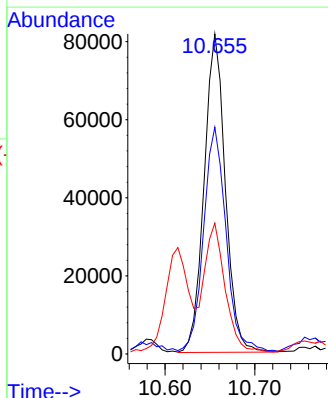
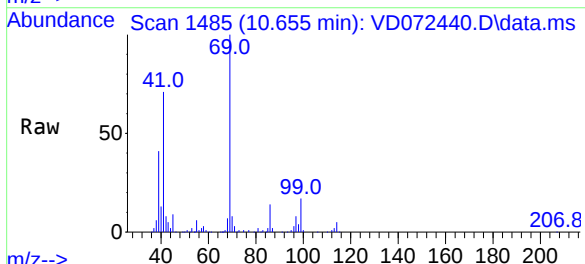
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.0	103.4
85	56.6	42.6	63.8
99	59.5	51.7	77.5

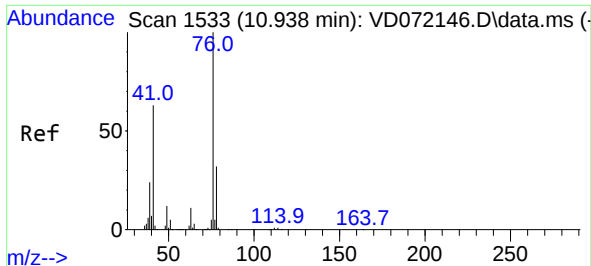


#56
Ethyl methacrylate
Concen: 94.481 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 69 Resp: 134175

Ion	Ratio	Lower	Upper
69	100		
41	75.1	63.0	94.6
39	40.4	33.8	50.8





#57

1,3-Dichloropropane

Concen: 83.648 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

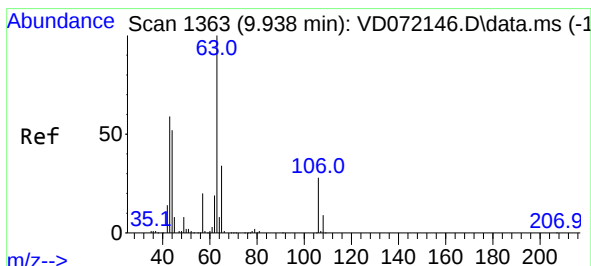
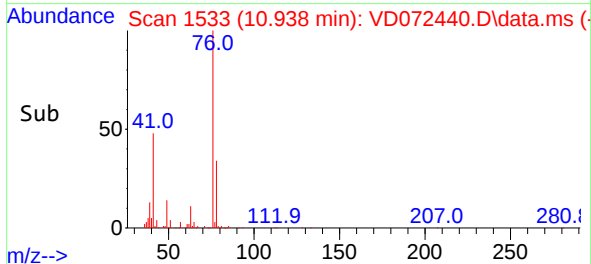
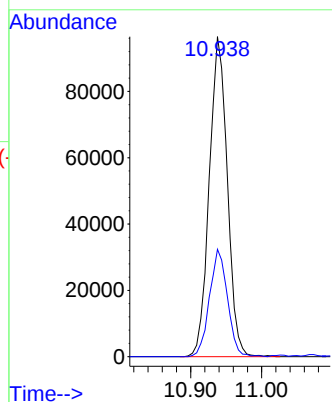
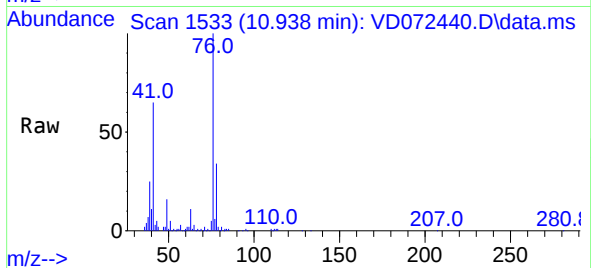
SB-12-20220315-16.0-17.0MS

Tgt Ion: 76 Resp: 170212

Ion Ratio Lower Upper

76 100

78 33.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 531.979 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072440.D

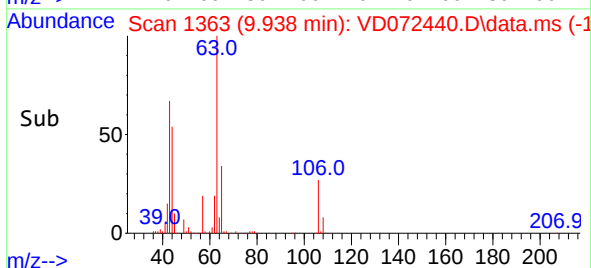
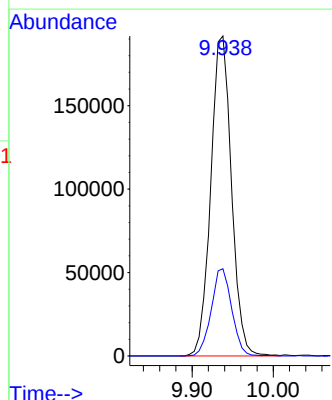
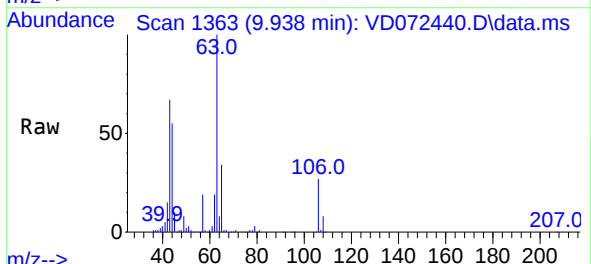
Acq: 25 Mar 2022 20:29

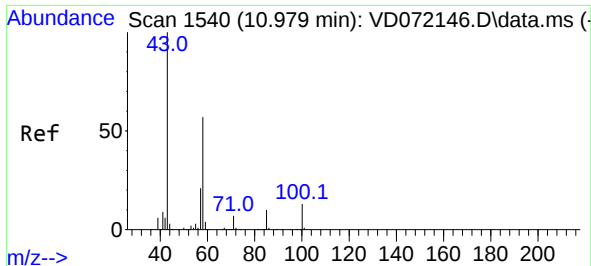
Tgt Ion: 63 Resp: 339685

Ion Ratio Lower Upper

63 100

106 27.0 21.4 32.0

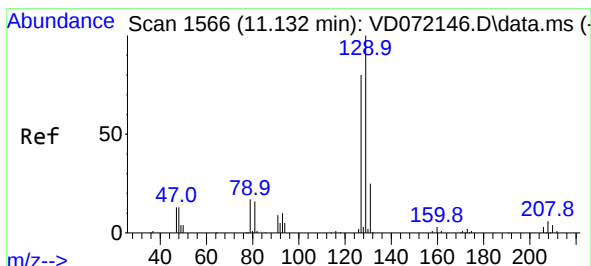
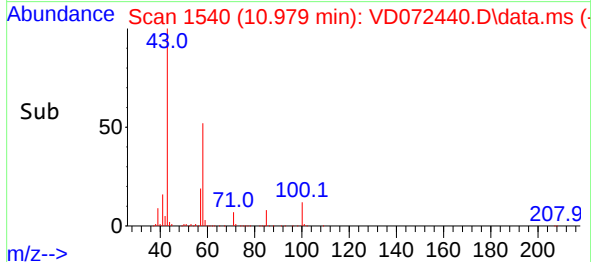
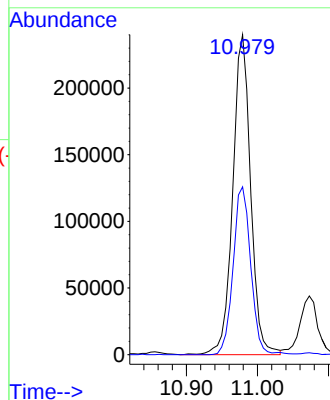
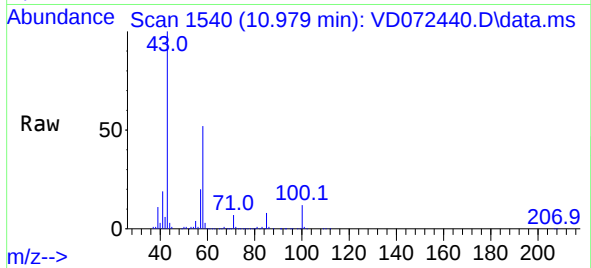




#59
2-Hexanone
Concen: 658.507 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

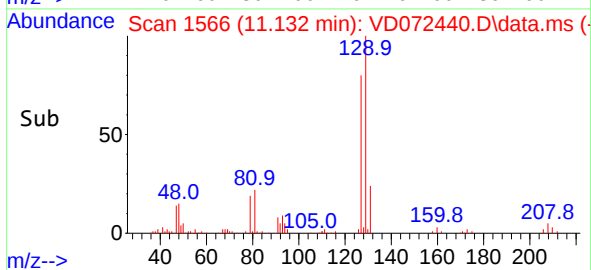
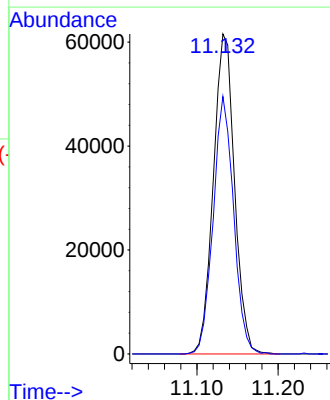
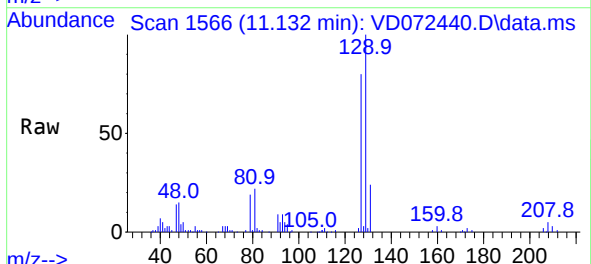
Instrument : MSVOA_D
ClientSampleId : SB-12-20220315-16.0-17.0MS

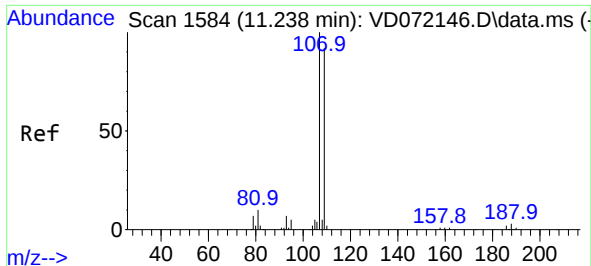
Tgt Ion: 43 Resp: 420004
Ion Ratio Lower Upper
43 100
58 51.8 25.3 75.9



#60
Dibromochloromethane
Concen: 71.010 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 129 Resp: 111719
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

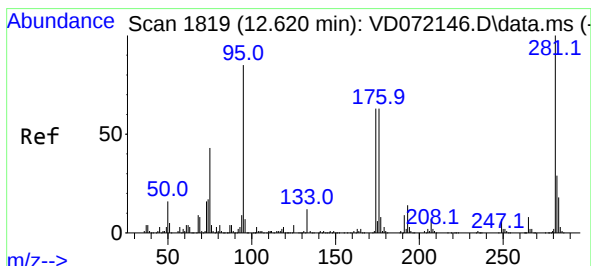
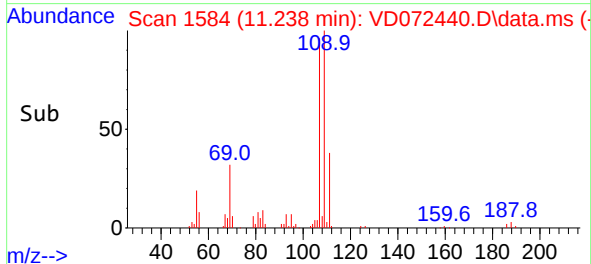
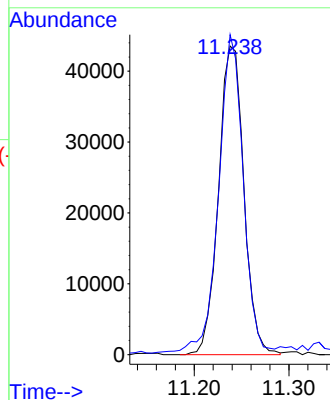
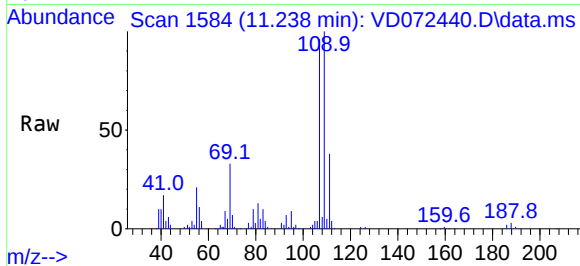




#61
1,2-Dibromoethane
Concen: 73.978 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

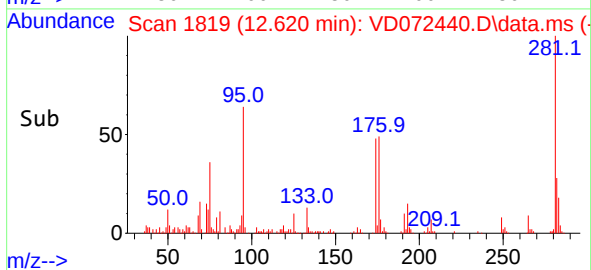
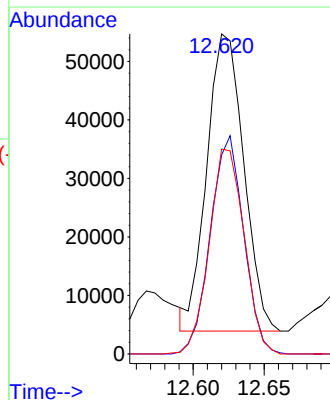
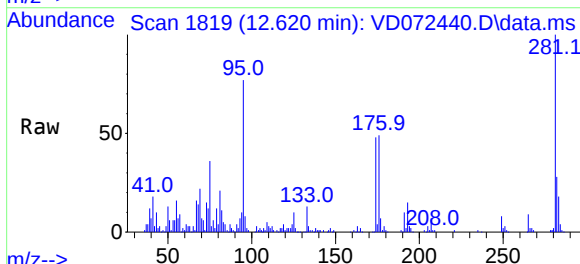
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

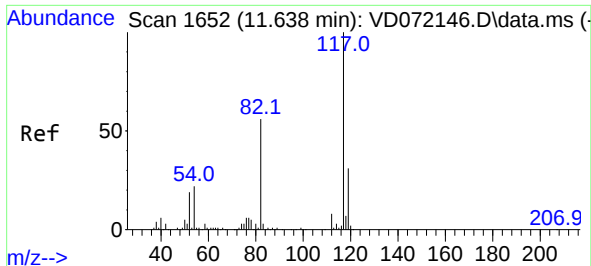
Tgt Ion:107 Resp: 81049
Ion Ratio Lower Upper
107 100
109 100.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 43.855 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 95 Resp: 91848
Ion Ratio Lower Upper
95 100
174 66.2 0.0 152.8
176 65.1 0.0 145.4

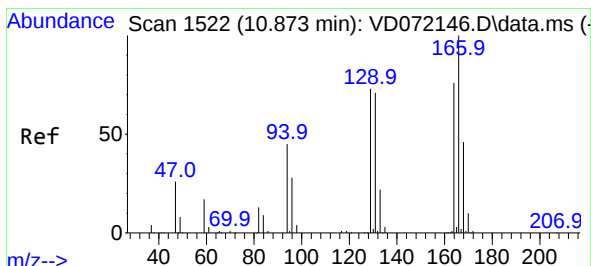
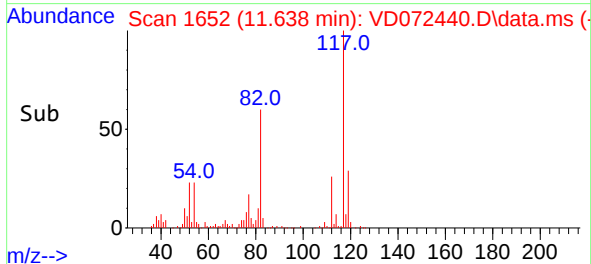
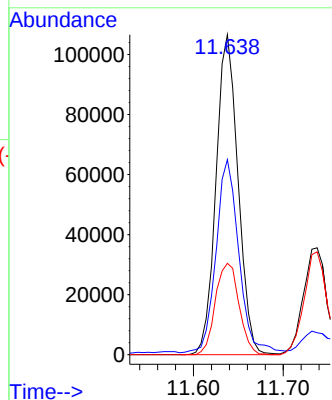
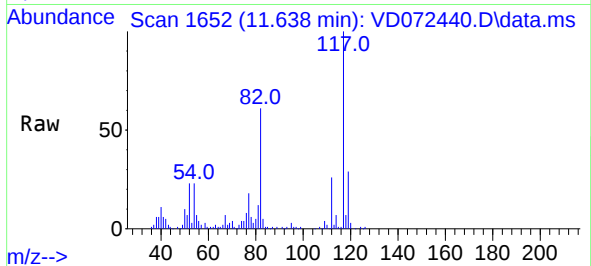




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

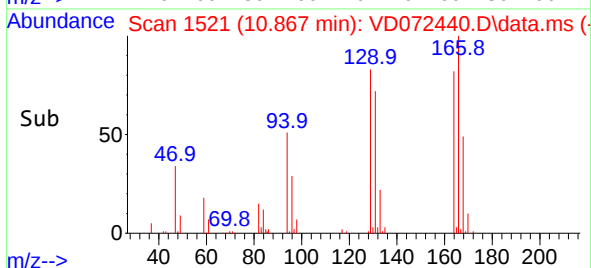
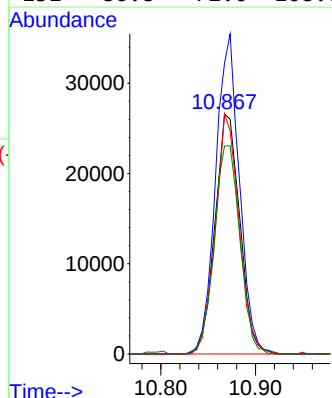
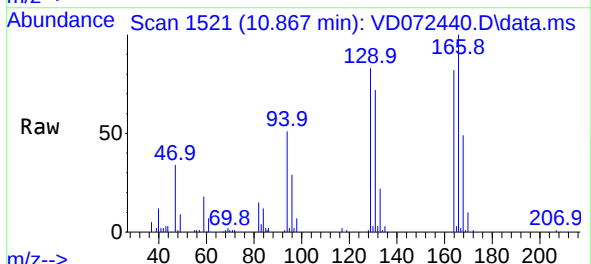
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

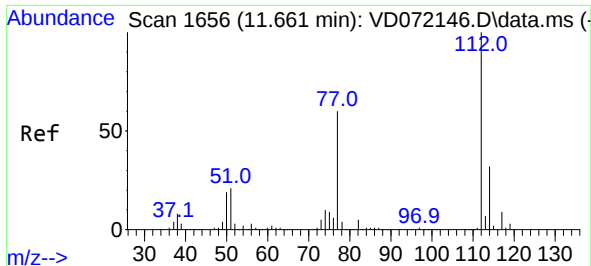
Tgt Ion:	117	Resp:	181825
Ion	Ratio	Lower	Upper
117	100		
82	60.3	45.3	67.9
119	28.6	26.6	40.0



#64
Tetrachloroethene
Concen: 37.762 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion:	164	Resp:	48377
Ion	Ratio	Lower	Upper
164	100		
166	121.3	98.5	147.7
129	100.3	74.6	111.8
131	86.8	72.0	108.0

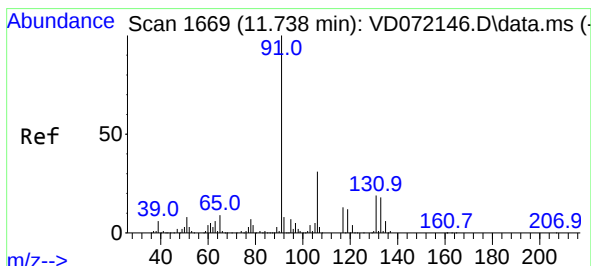
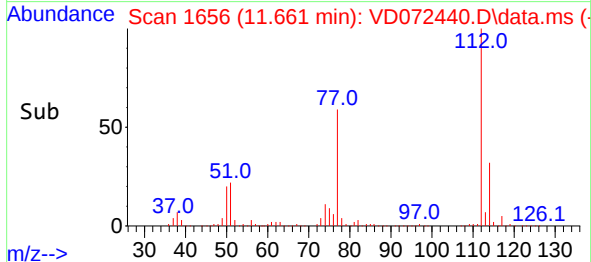
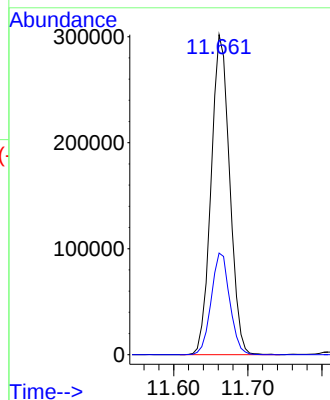
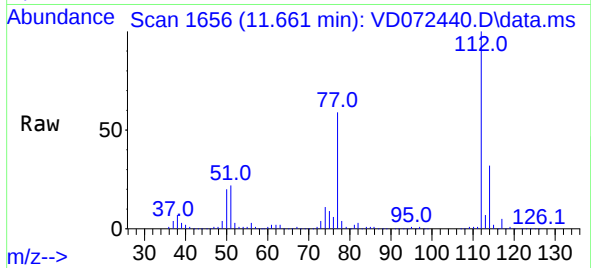




#65
Chlorobenzene
Concen: 130.127 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

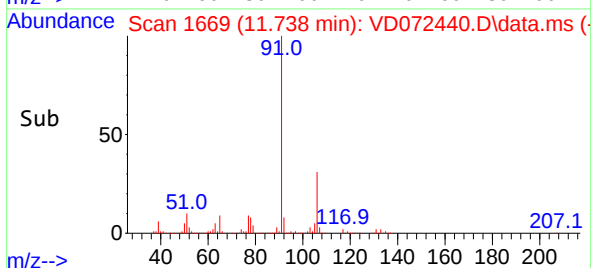
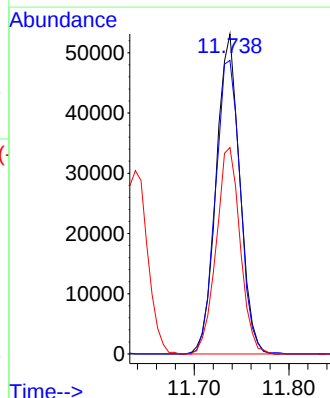
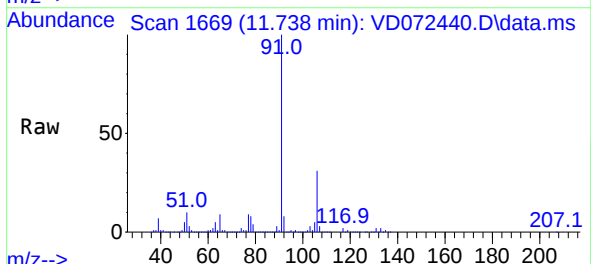
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

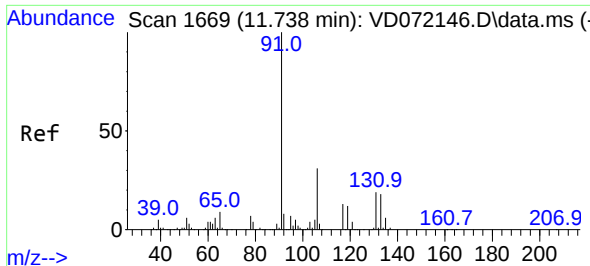
Tgt Ion:112 Resp: 524540
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.528 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion:131 Resp: 91701
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.3
119 65.7 31.9 95.9

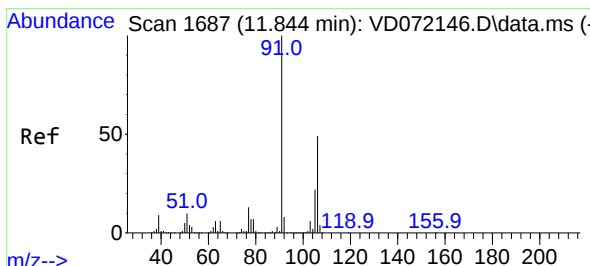
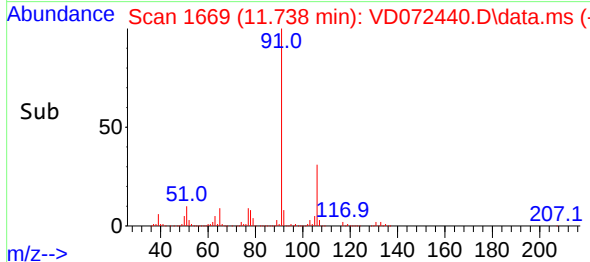
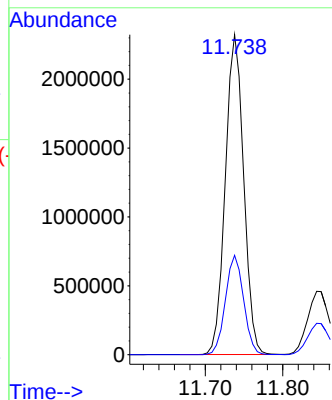
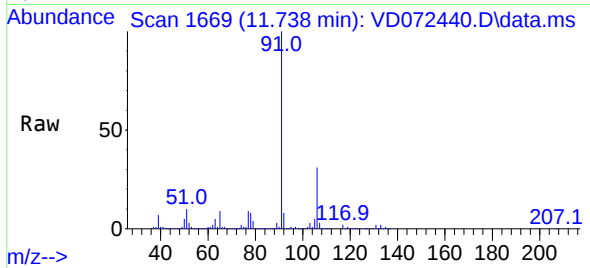




#67
Ethyl Benzene
Concen: 531.518 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

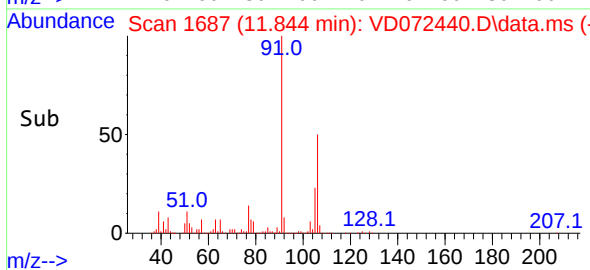
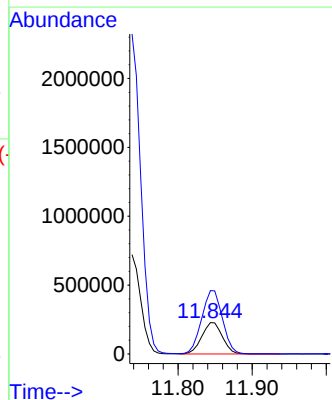
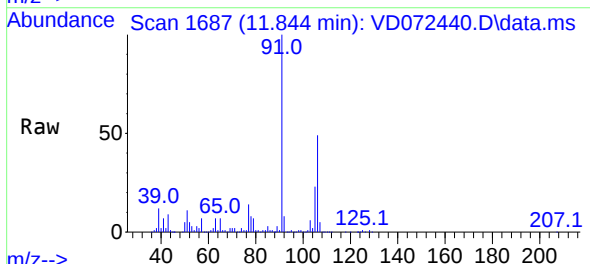
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

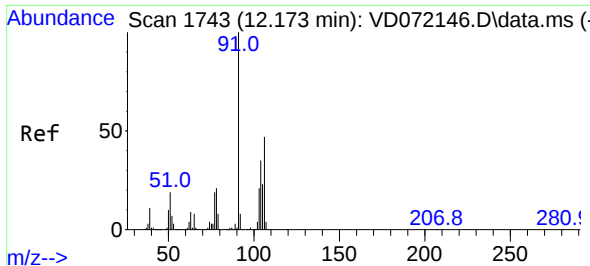
Tgt Ion: 91 Resp: 3826667
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4



#68
m/p-Xylenes
Concen: 160.421 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 106 Resp: 438555
Ion Ratio Lower Upper
106 100
91 204.1 163.7 245.5

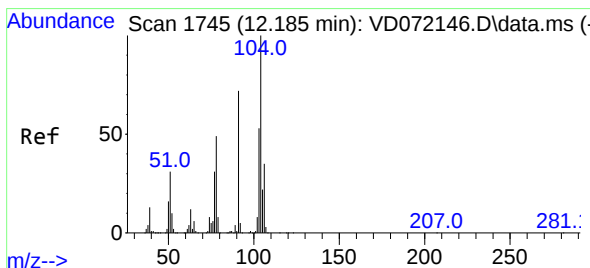
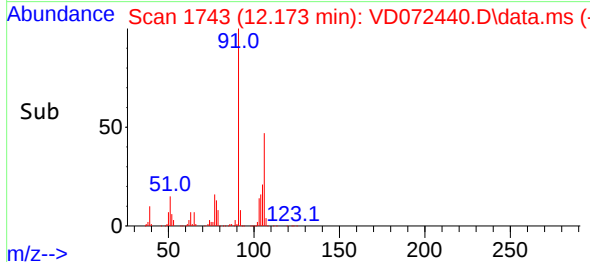
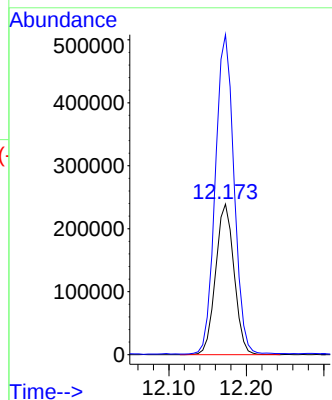
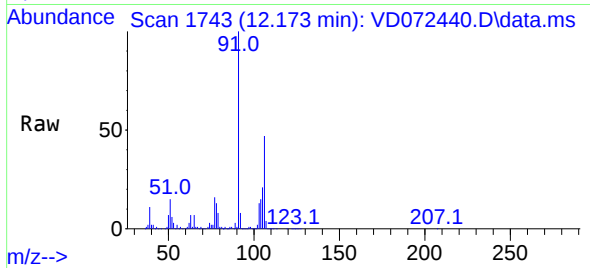




#69
o-Xylene
Concen: 151.152 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

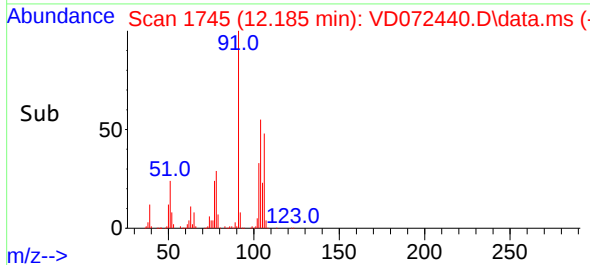
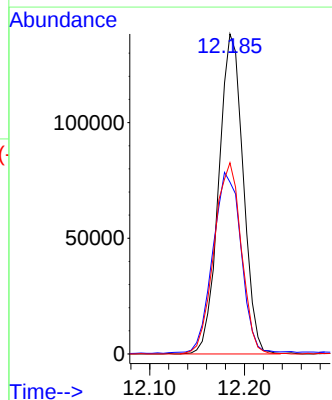
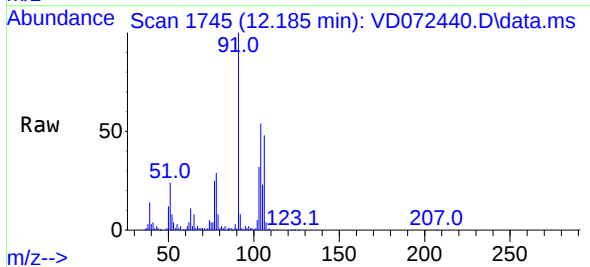
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

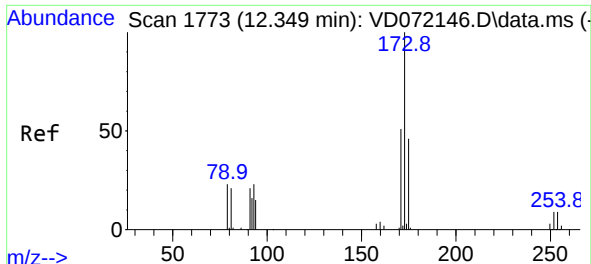
Tgt Ion:106 Resp: 395248
Ion Ratio Lower Upper
106 100
91 215.1 110.4 331.2



#70
Styrene
Concen: 54.284 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion:104 Resp: 247871
Ion Ratio Lower Upper
104 100
78 65.7 41.8 62.8#
103 66.5 44.2 66.4#

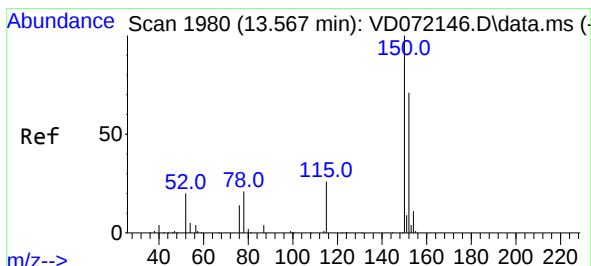
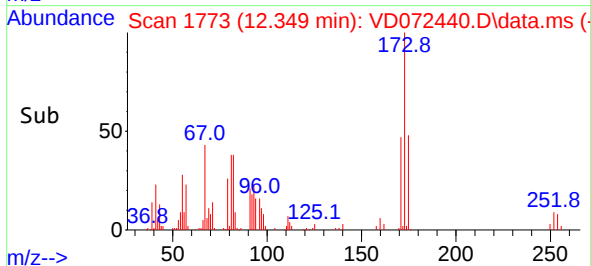
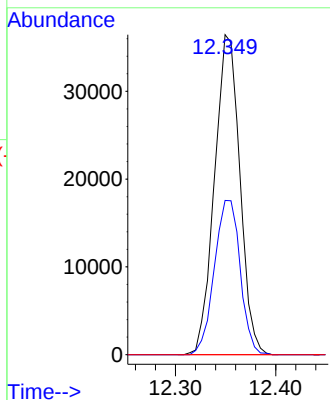
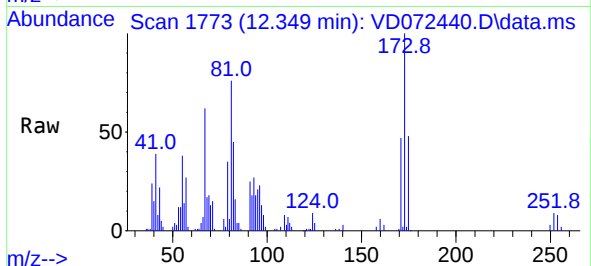




#71
Bromoform
Concen: 75.212 ug/l
RT: 12.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

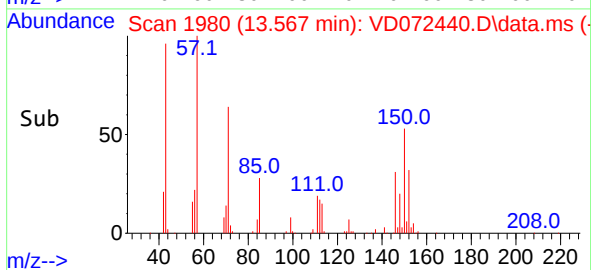
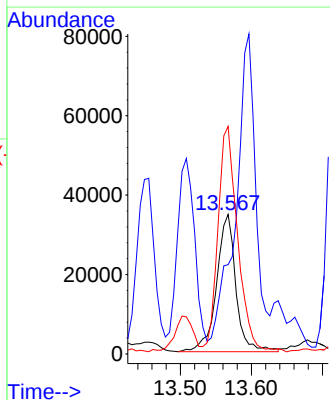
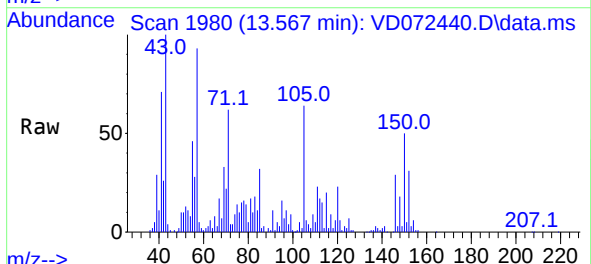
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

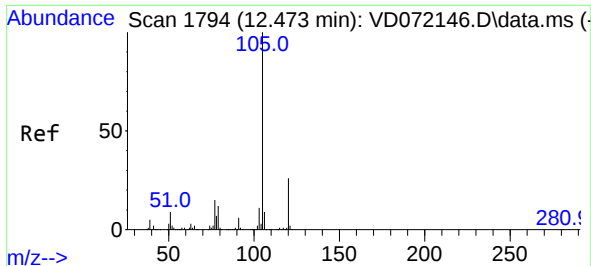
Tgt Ion:173 Resp: 64042
Ion Ratio Lower Upper
173 100
175 49.1 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion:152 Resp: 65124
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 168.0 0.0 348.6

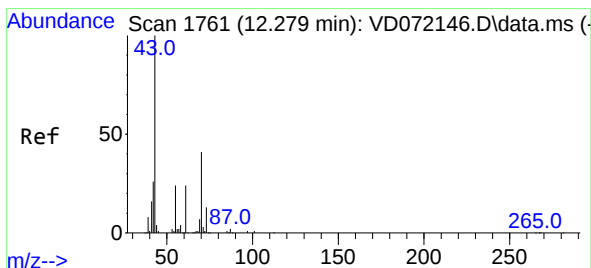
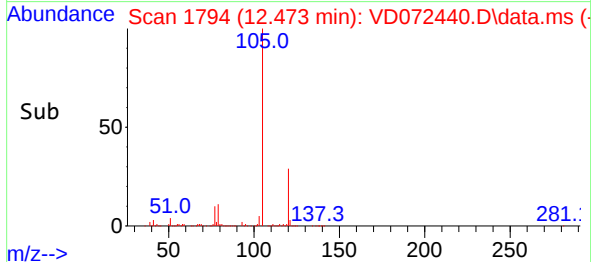
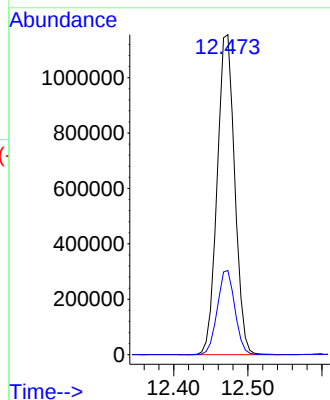
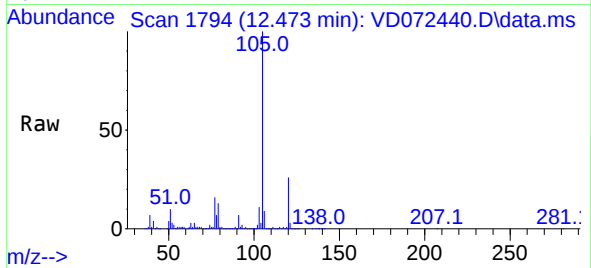




#73
Isopropylbenzene
Concen: 368.070 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

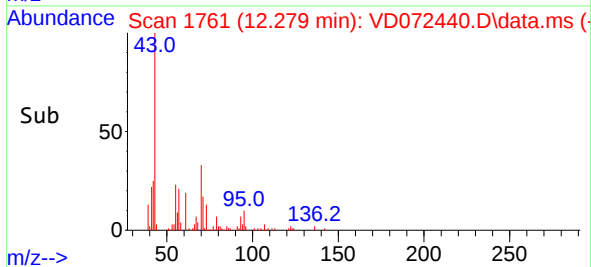
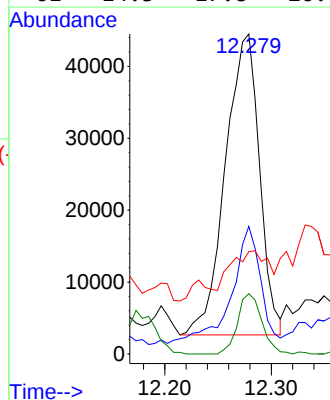
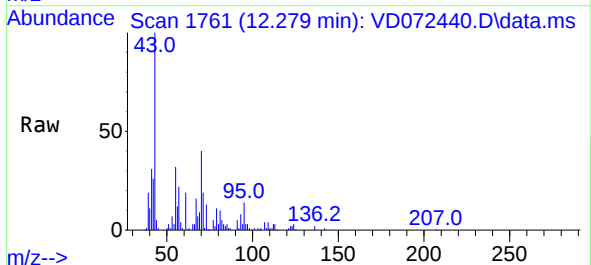
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

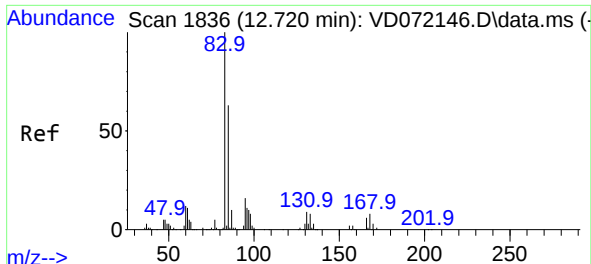
Tgt Ion:105 Resp: 1899518
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



#74
N-ethyl acetate
Concen: 83.805 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 43 Resp: 92944
Ion Ratio Lower Upper
43 100
70 33.3 31.3 46.9
55 14.0 20.0 30.0#
61 14.3 17.8 26.8#

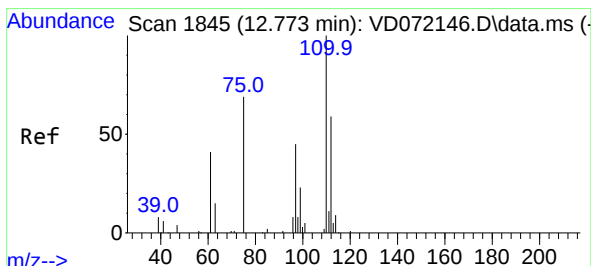
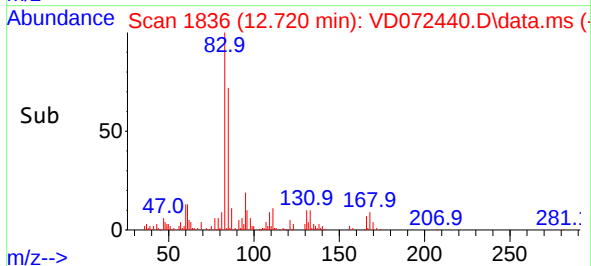
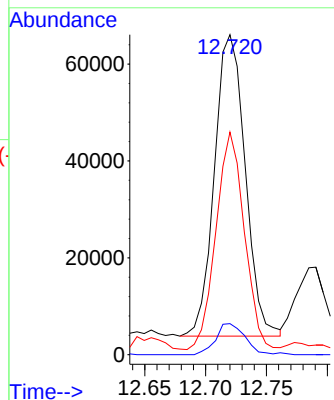
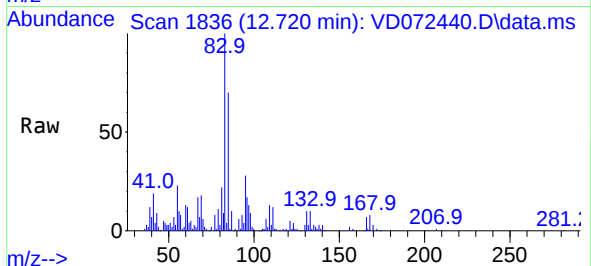




#75
1,1,2,2-Tetrachloroethane
Concen: 118.553 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

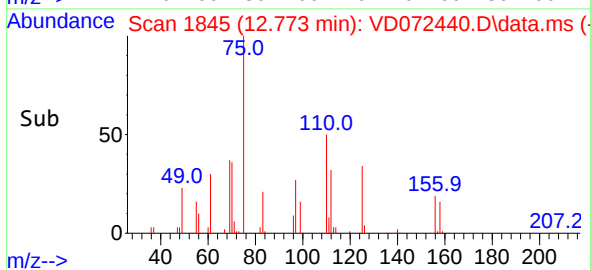
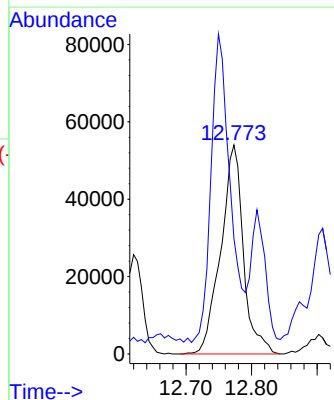
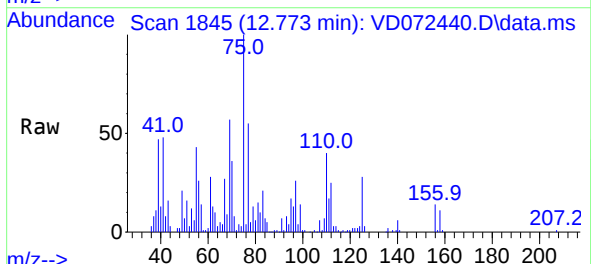
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

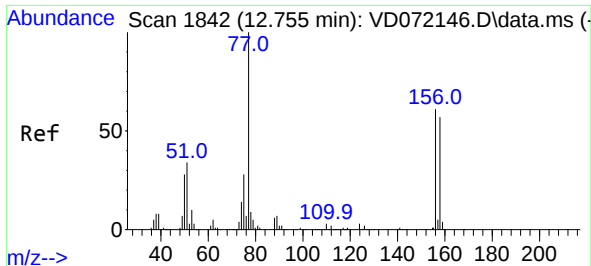
Tgt Ion: 83 Resp: 109423
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 66.5 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 180.079 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 75 Resp: 129364
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

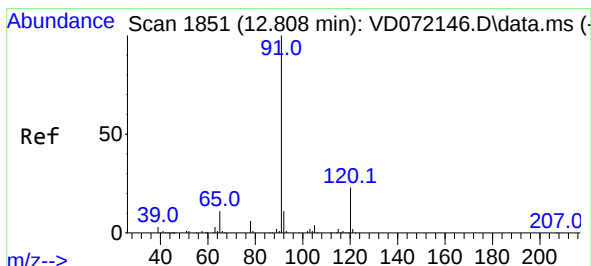
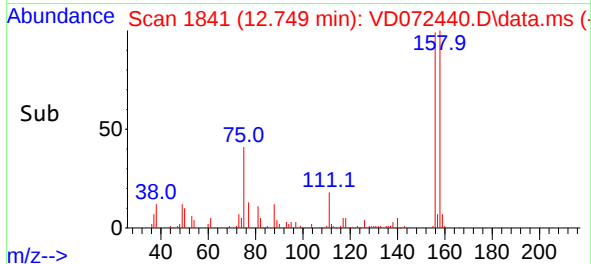
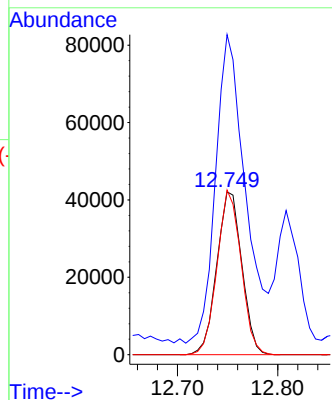
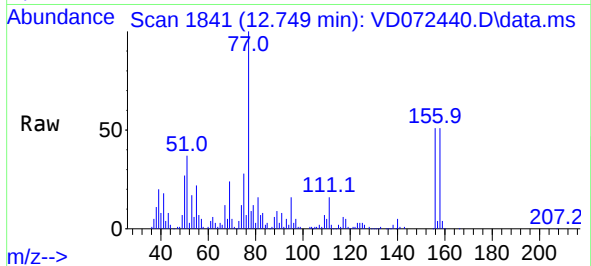




#77
Bromobenzene
Concen: 62.595 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

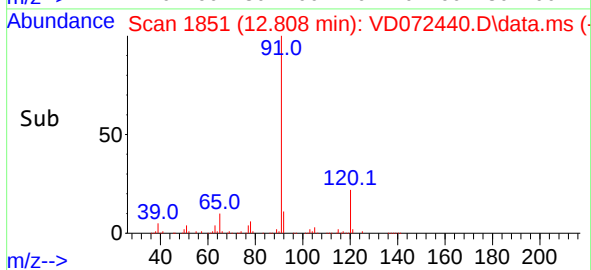
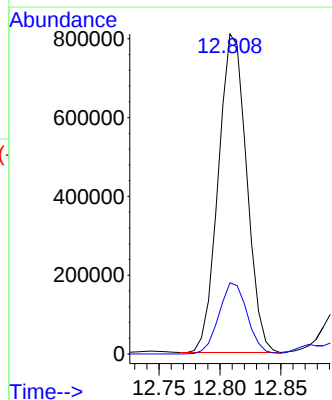
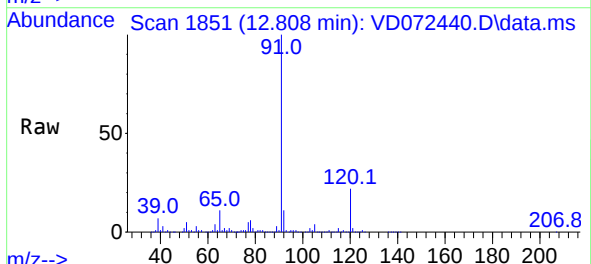
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

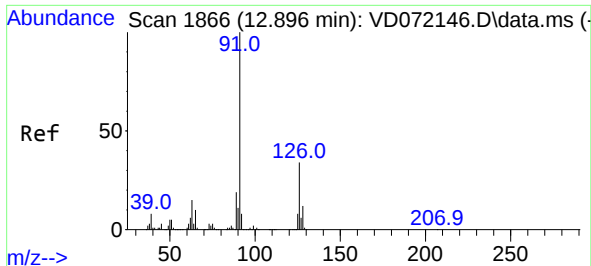
Tgt Ion:156 Resp: 72708
Ion Ratio Lower Upper
156 100
77 224.2 102.8 308.3
158 96.9 48.7 146.1



#78
n-propylbenzene
Concen: 208.708 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 91 Resp: 1308291
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





#79

2-Chlorotoluene

Concen: 63.738 ug/l

RT: 12.902 min Scan# 1867

Delta R.T. 0.006 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

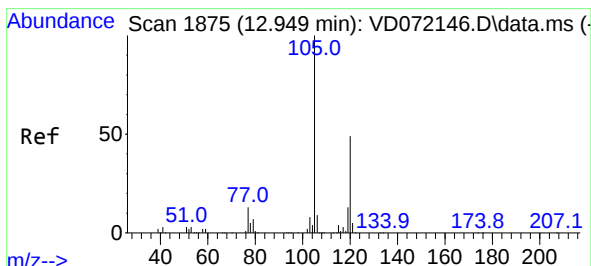
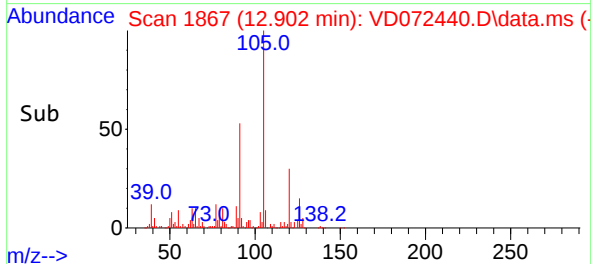
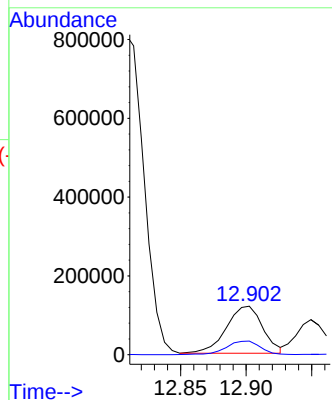
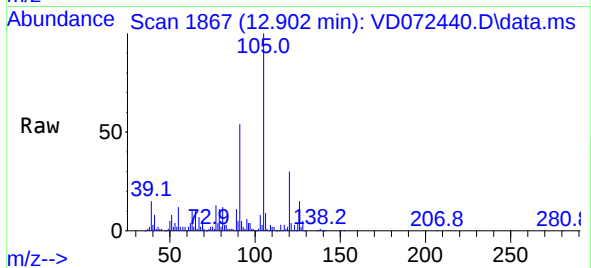
SB-12-20220315-16.0-17.0MS

Tgt Ion: 91 Resp: 231033

Ion Ratio Lower Upper

91 100

126 27.4 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 265.592 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD072440.D

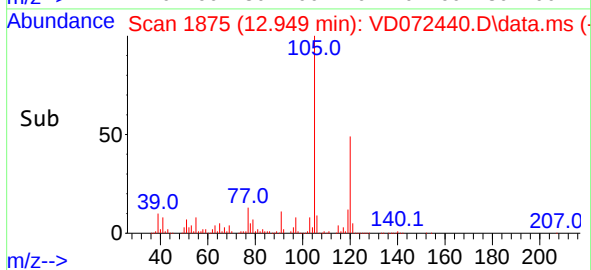
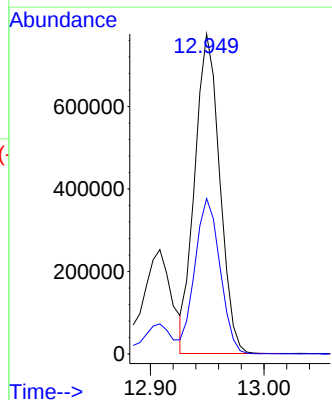
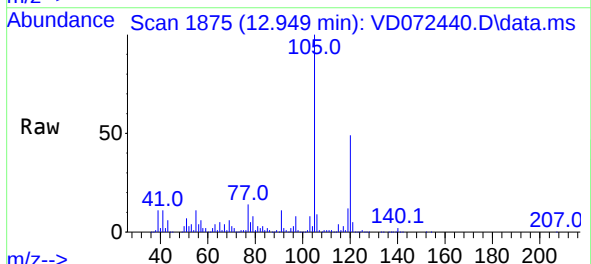
Acq: 25 Mar 2022 20:29

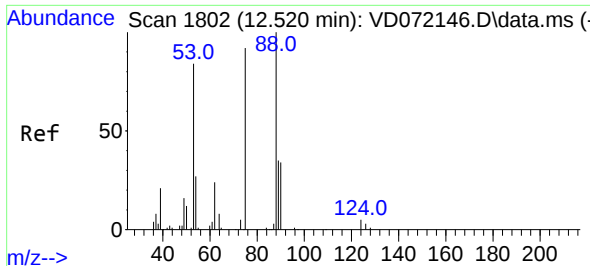
Tgt Ion:105 Resp: 1177527

Ion Ratio Lower Upper

105 100

120 50.1 24.3 72.8

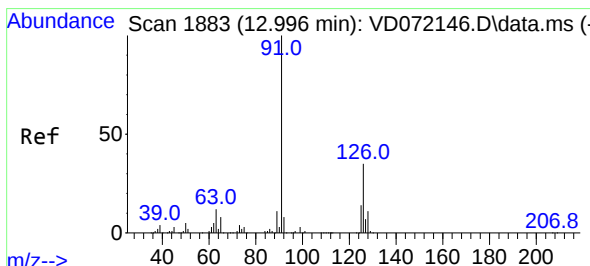
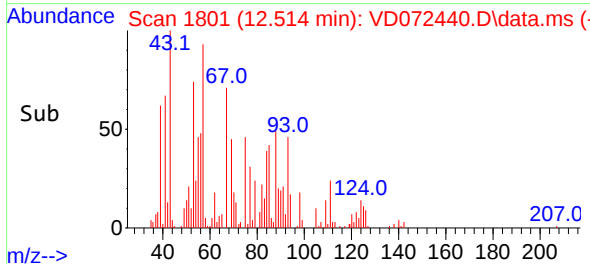
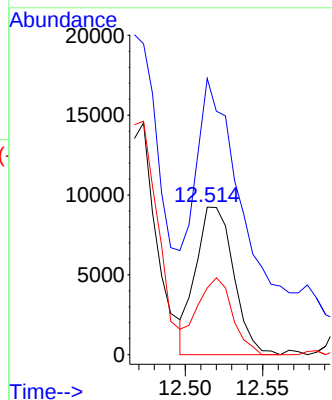
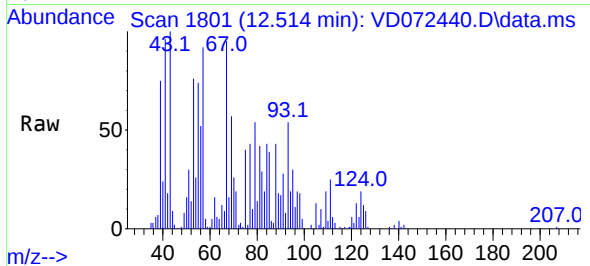




#81
trans-1,4-Dichloro-2-butene
Concen: 54.134 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

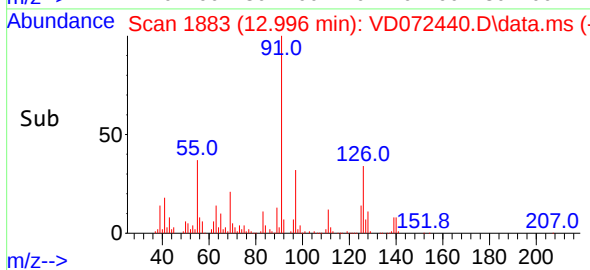
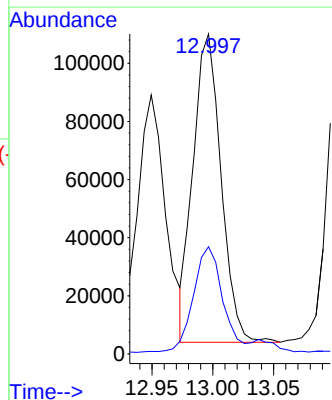
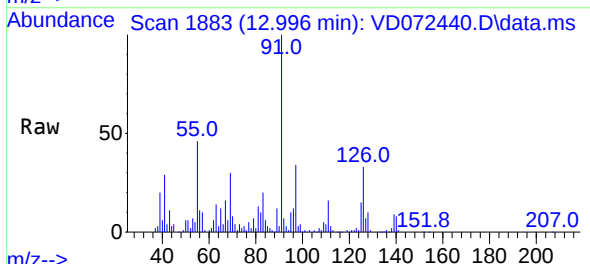
Instrument : MSVOA_D
ClientSampleId : SB-12-20220315-16.0-17.0MS

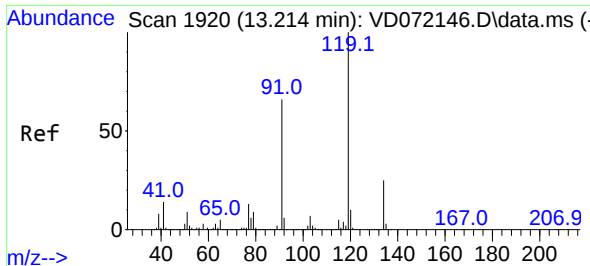
Tgt Ion: 75 Resp: 15674
Ion Ratio Lower Upper
75 100
53 206.6 86.5 129.7#
89 48.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 45.071 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 91 Resp: 169159
Ion Ratio Lower Upper
91 100
126 36.0 16.5 49.5

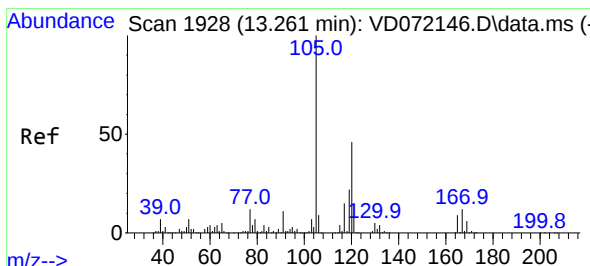
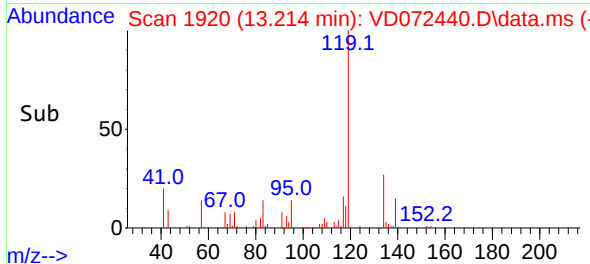
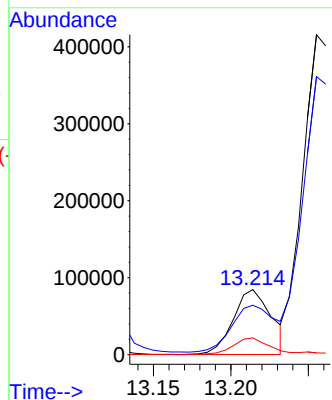
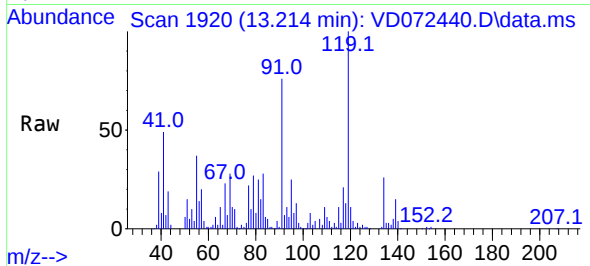




#83
tert-Butylbenzene
Concen: 36.865 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

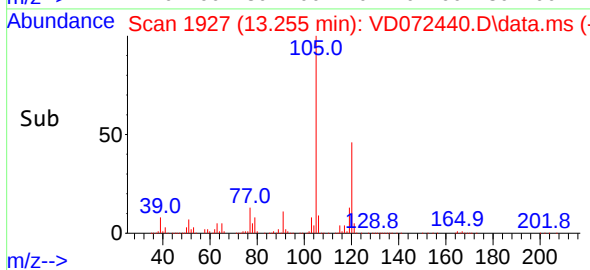
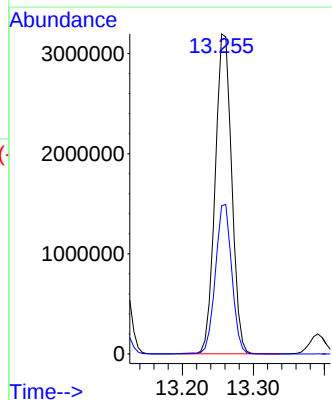
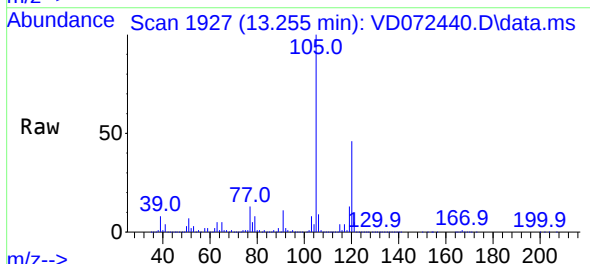
Instrument : MSVOA_D
ClientSampleId : SB-12-20220315-16.0-17.0MS

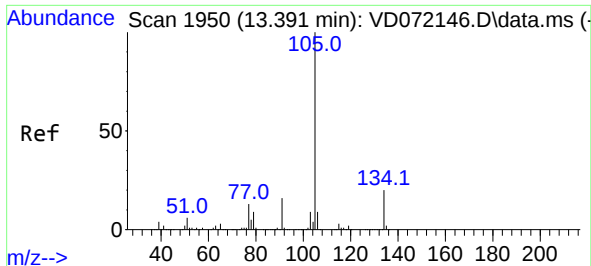
Tgt Ion:119 Resp: 143295
Ion Ratio Lower Upper
119 100
91 81.6 34.8 104.5
134 27.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 1178.149 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion:105 Resp: 5146756
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.8

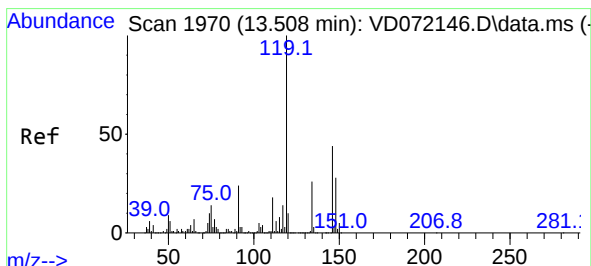
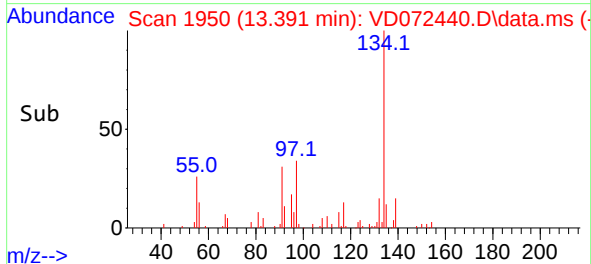
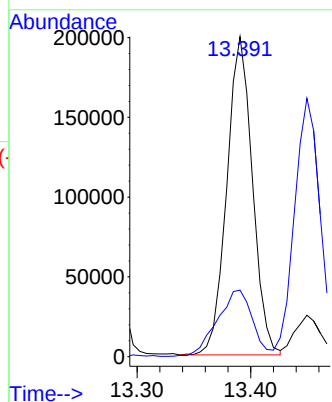
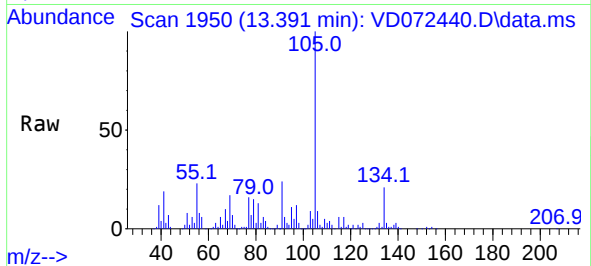




#85
sec-Butylbenzene
Concen: 53.512 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

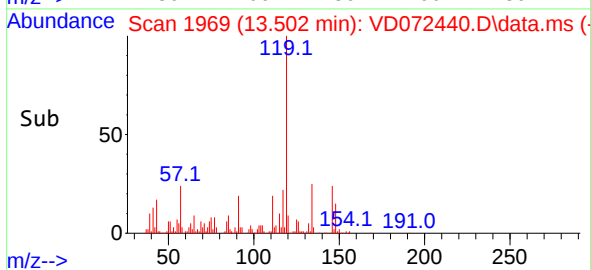
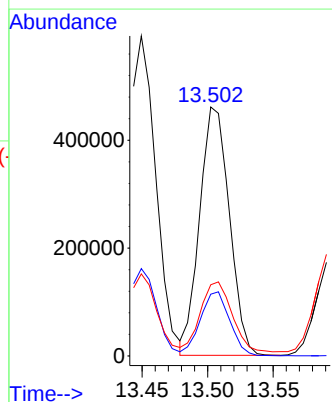
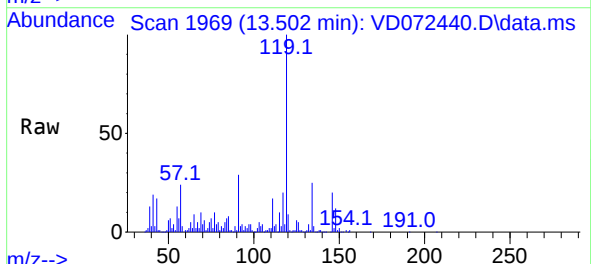
Instrument : MSVOA_D
ClientSampleId : SB-12-20220315-16.0-17.0MS

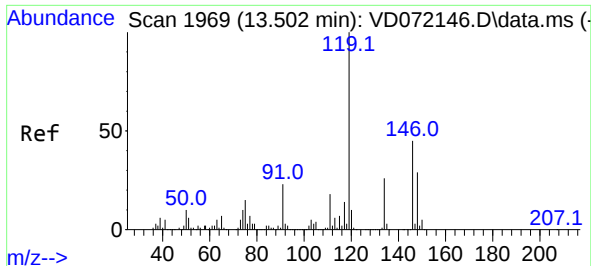
Tgt Ion:105 Resp: 312362
Ion Ratio Lower Upper
105 100
134 28.5 9.8 29.3



#86
p-Isopropyltoluene
Concen: 151.601 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion:119 Resp: 728189
Ion Ratio Lower Upper
119 100
134 25.5 12.9 38.6
91 29.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 78.924 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.082 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

SB-12-20220315-16.0-17.0MS

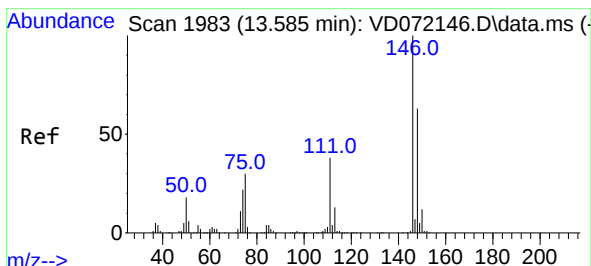
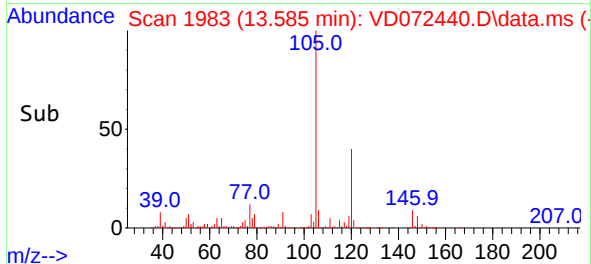
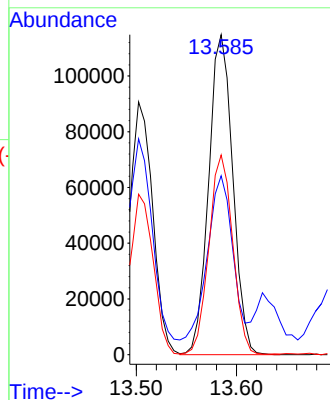
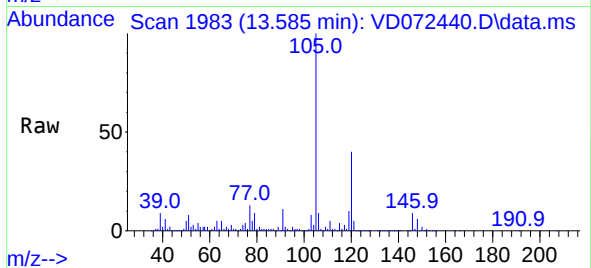
Tgt Ion:146 Resp: 192130

Ion Ratio Lower Upper

146 100

111 52.3 20.4 61.3

148 61.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 79.590 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

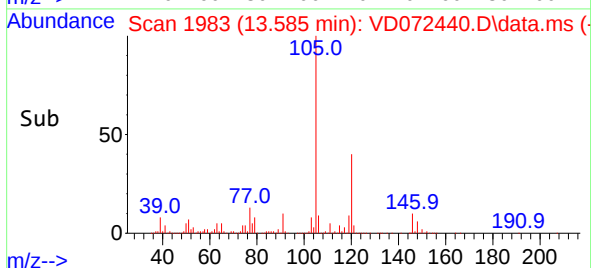
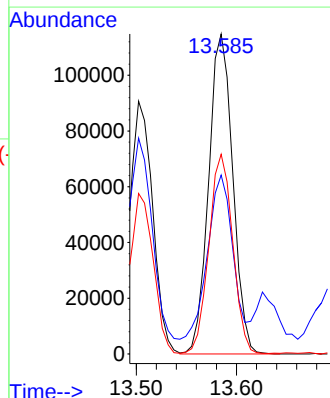
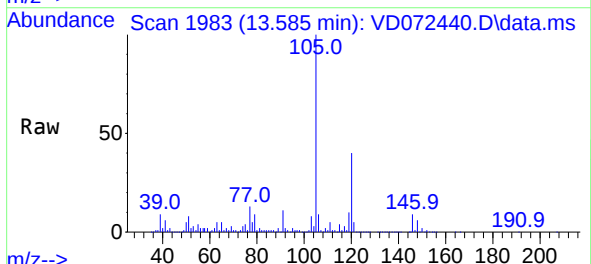
Tgt Ion:146 Resp: 192130

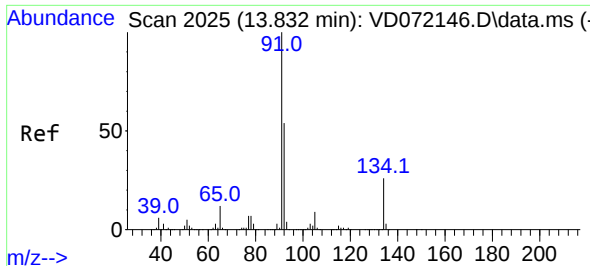
Ion Ratio Lower Upper

146 100

111 52.3 20.3 60.9

148 61.4 31.7 95.1

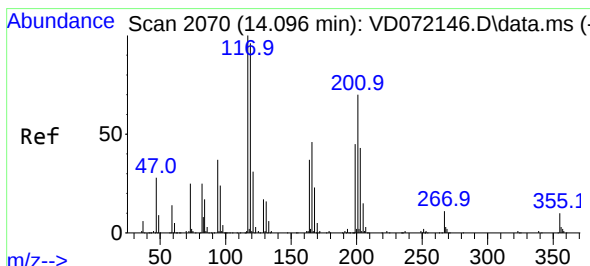
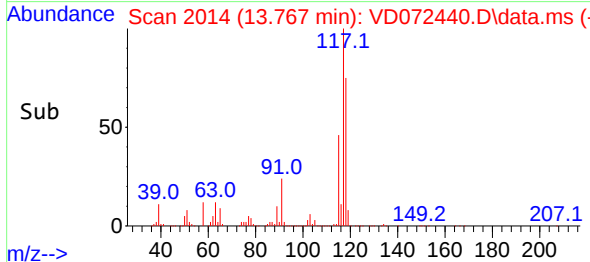
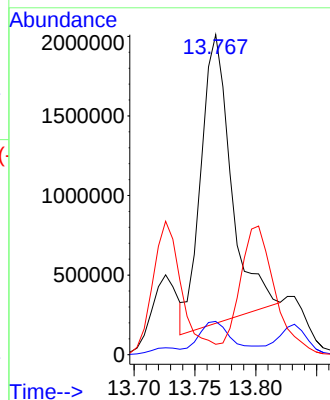
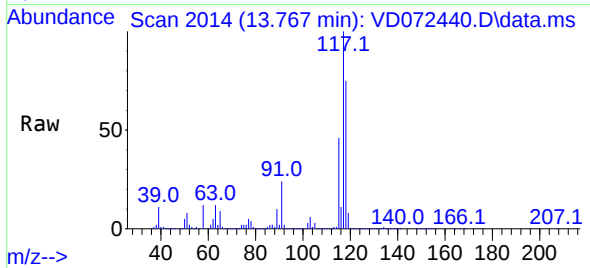




#89
n-Butylbenzene
Concen: 691.682 ug/l
RT: 13.767 min Scan# 20
Delta R.T. -0.065 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

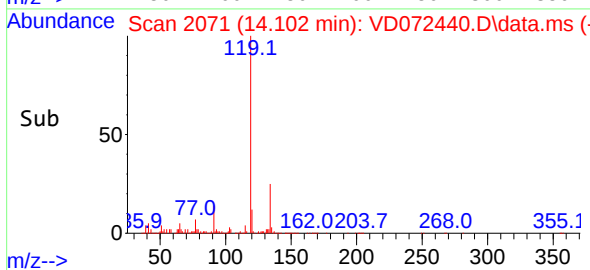
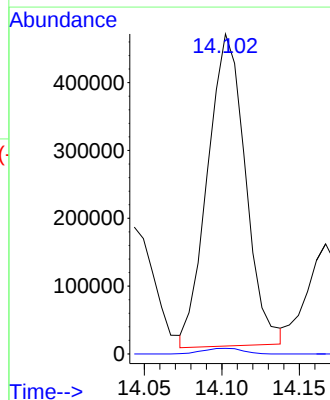
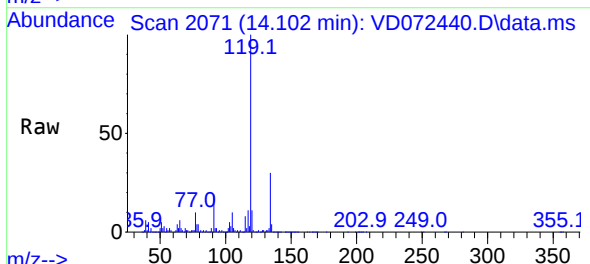
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

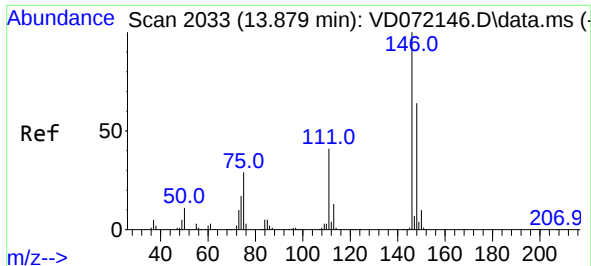
Tgt Ion: 91 Resp: 3166773
Ion Ratio Lower Upper
91 100
92 12.4 26.6 79.8#
134 0.0 12.3 36.9#



#90
Hexachloroethane
Concen: 829.777 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

Tgt Ion: 117 Resp: 781169
Ion Ratio Lower Upper
117 100
201 1.9 33.4 100.2#





#91

1,2-Dichlorobenzene

Concen: 54.984 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

SB-12-20220315-16.0-17.0MS

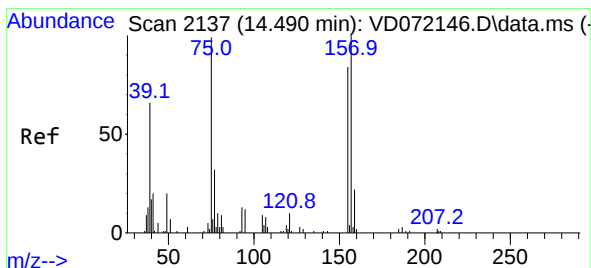
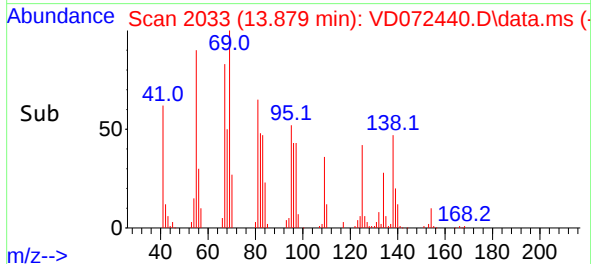
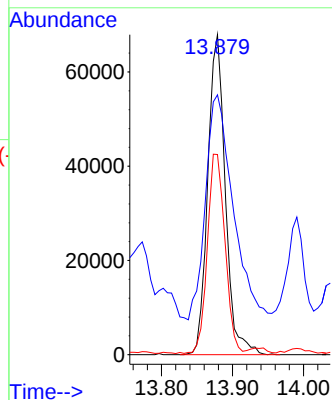
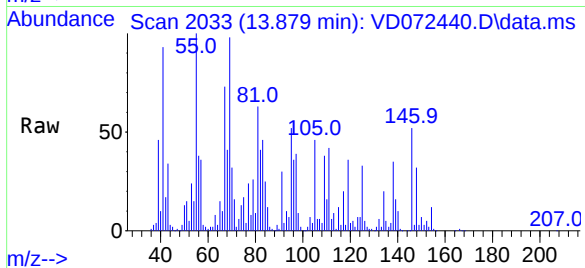
Tgt Ion:146 Resp: 116701

Ion Ratio Lower Upper

146 100

111 112.7 21.1 63.3#

148 62.5 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 168.790 ug/l

RT: 14.508 min Scan# 2140

Delta R.T. 0.018 min

Lab File: VD072440.D

Acq: 25 Mar 2022 20:29

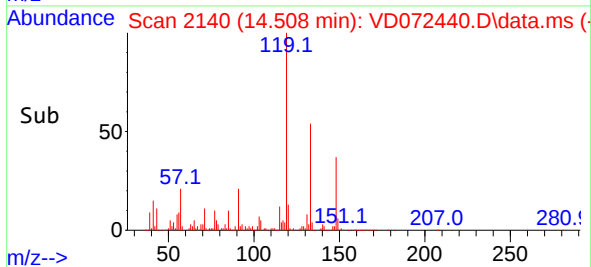
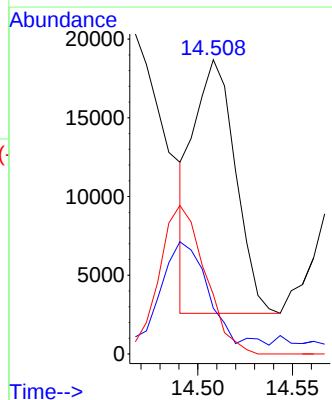
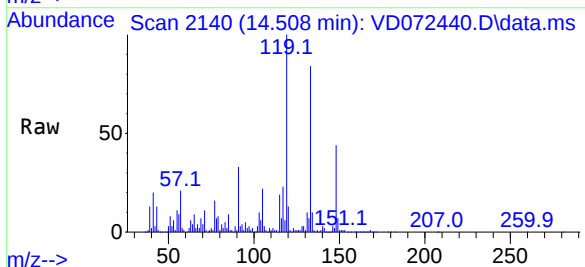
Tgt Ion: 75 Resp: 24863

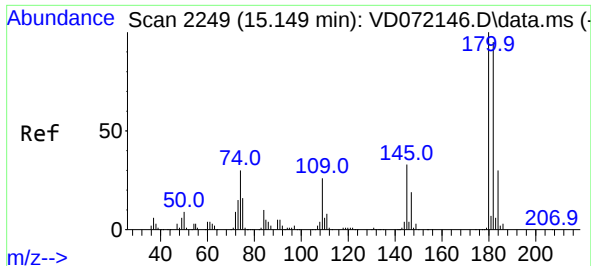
Ion Ratio Lower Upper

75 100

155 38.1 36.8 110.3

157 64.5 48.4 145.0

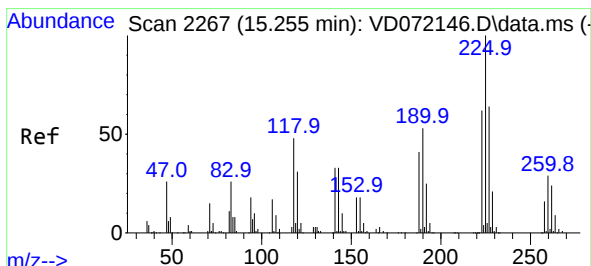
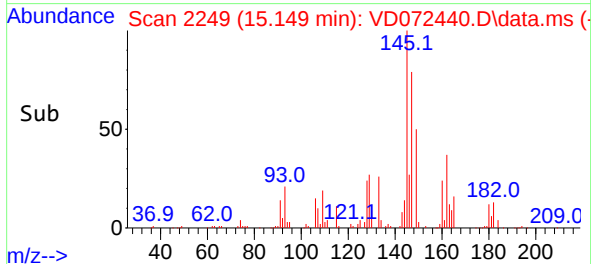
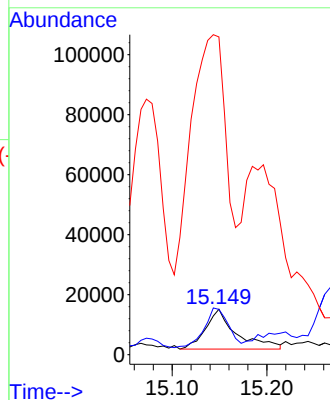
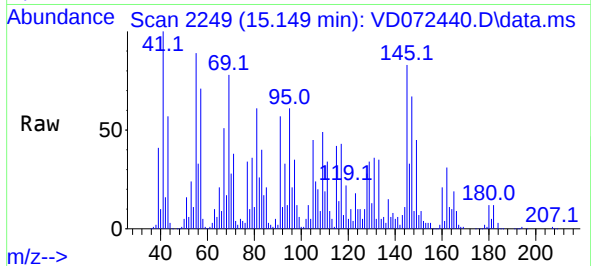




#93
1,2,4-Trichlorobenzene
Concen: 21.486 ug/l
RT: 15.149 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

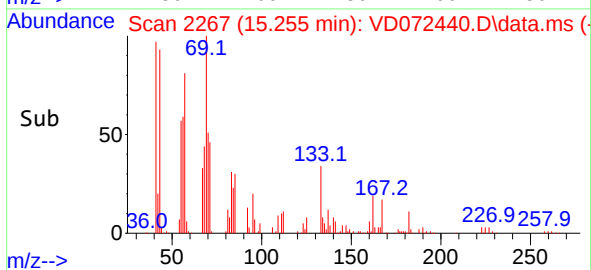
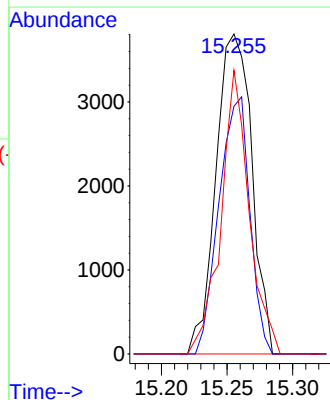
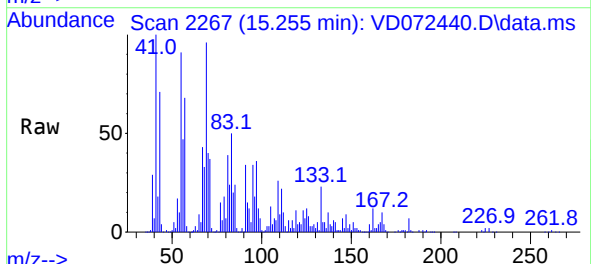
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

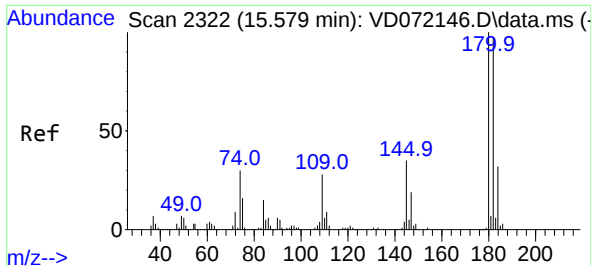
Tgt Ion:180 Resp: 30192
Ion Ratio Lower Upper
180 100
182 77.7 47.3 142.0
145 824.3 16.2 48.5#



#94
Hexachlorobutadiene
Concen: 8.867 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD072440.D
Acq: 25 Mar 2022 20:29

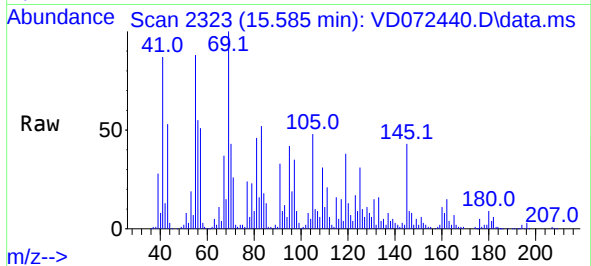
Tgt Ion:225 Resp: 7248
Ion Ratio Lower Upper
225 100
223 69.1 31.1 93.2
227 69.7 32.4 97.0





#96
 1,2,3-Trichlorobenzene
 Concen: 15.693 ug/l
 RT: 15.585 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD072440.D
 Acq: 25 Mar 2022 20:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-20220315-16.0-17.0MS



Tgt Ion:180 Resp: 19088
 Ion Ratio Lower Upper
 180 100
 182 103.0 47.6 142.9
 145 355.1 17.1 51.3#

