

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072201.D
 Acq On : 15 Mar 2022 21:02
 Operator : VA/SY
 Sample : VD0315SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

Quant Time: Mar 16 01:03:57 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	456028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	783361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	735335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	364976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	271374	53.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.800%	
35) Dibromofluoromethane	7.909	113	277174	50.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.560%	
50) Toluene-d8	10.332	98	1026887	50.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.620	95	389943	49.788	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	72633	17.220	ug/l	96
3) Chloromethane	2.209	50	65735	17.538	ug/l	96
4) Vinyl Chloride	2.344	62	62013	17.140	ug/l	97
5) Bromomethane	2.750	94	42894	18.207	ug/l	98
6) Chloroethane	2.915	64	44337	18.535	ug/l	94
7) Trichlorofluoromethane	3.274	101	136357	16.689	ug/l	100
8) Diethyl Ether	3.709	74	45340	20.093	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	92729	17.799	ug/l	95
10) Methyl Iodide	4.297	142	60041	14.518	ug/l	98
11) Tert butyl alcohol	5.215	59	32610	110.666	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	72329	17.257	ug/l	96
13) Acrolein	3.921	56	27312	103.871	ug/l	100
14) Allyl chloride	4.709	41	138703	18.928	ug/l	91
15) Acrylonitrile	5.420	53	126398	111.011	ug/l	97
16) Acetone	4.156	43	96326	87.296	ug/l #	89
17) Carbon Disulfide	4.403	76	115760	12.987	ug/l	98
18) Methyl Acetate	4.715	43	71372	26.394	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	240210	21.086	ug/l #	75
20) Methylene Chloride	4.962	84	125821	19.062	ug/l	90
21) trans-1,2-Dichloroethene	5.468	96	83125	17.931	ug/l	99
22) Diisopropyl ether	6.362	45	358988	21.478	ug/l	92
23) Vinyl Acetate	6.303	43	835733	97.973	ug/l #	95
24) 1,1-Dichloroethane	6.262	63	194705	19.752	ug/l	100
25) 2-Butanone	7.209	43	155129	105.441	ug/l	94
26) 2,2-Dichloropropane	7.203	77	155213	17.451	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	115919	19.586	ug/l	95
28) Bromochloromethane	7.544	49	81019	20.416	ug/l	89
29) Tetrahydrofuran	7.556	42	94598	109.349	ug/l	95
30) Chloroform	7.703	83	209450	19.945	ug/l	98
31) Cyclohexane	7.979	56	135476	17.062	ug/l #	88
32) 1,1,1-Trichloroethane	7.897	97	175834	18.852	ug/l	95
36) 1,1-Dichloropropene	8.109	75	126598	16.370	ug/l	98
37) Ethyl Acetate	7.291	43	65742	19.407	ug/l #	96
38) Carbon Tetrachloride	8.097	117	141220	16.065	ug/l	97
39) Methylcyclohexane	9.350	83	172740	19.850	ug/l	98
40) Benzene	8.350	78	387286	17.554	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	46714	23.659	ug/l	96
42) 1,2-Dichloroethane	8.414	62	124406	18.588	ug/l	92
43) Isopropyl Acetate	8.450	43	148926	22.650	ug/l	98
44) Trichloroethene	9.108	130	107650	17.381	ug/l	100
45) 1,2-Dichloropropane	9.379	63	116203	19.205	ug/l	95
46) Dibromomethane	9.467	93	57178	19.211	ug/l	95
47) Bromodichloromethane	9.656	83	164283	18.934	ug/l	98
48) Methyl methacrylate	9.450	41	56358	17.951	ug/l #	78
49) 1,4-Dioxane	9.461	88	14747	413.176	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	361538	104.691	ug/l	94
52) Toluene	10.397	92	259320	17.862	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	144114	18.179	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	170645	18.621	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	101325	22.348	ug/l	94
56) Ethyl methacrylate	10.655	69	129329	24.353	ug/l #	95
57) 1,3-Dichloropropane	10.938	76	150173	19.735	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	227660	95.341	ug/l	97
59) 2-Hexanone	10.979	43	269321	112.915	ug/l	97
60) Dibromochloromethane	11.132	129	113407	19.276	ug/l	99
61) 1,2-Dibromoethane	11.244	107	79099	19.306	ug/l	95
64) Tetrachloroethene	10.873	164	87619	16.912	ug/l	96
65) Chlorobenzene	11.661	112	297459	18.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	120555	18.701	ug/l	99
67) Ethyl Benzene	11.738	91	518888	17.821	ug/l	99
68) m/p-Xylenes	11.844	106	398588	36.052	ug/l	98
69) o-Xylene	12.173	106	199368	18.852	ug/l	96
70) Styrene	12.185	104	348246	18.858	ug/l	98
71) Bromoform	12.350	173	67374	19.565	ug/l #	99
73) Isopropylbenzene	12.467	105	545254	18.852	ug/l	99
74) N-amyl acetate	12.279	43	150060	24.143	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	108963	21.065	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	131697	32.712	ug/l #	100
77) Bromobenzene	12.749	156	123380	18.953	ug/l	96
78) n-propylbenzene	12.808	91	665393	18.940	ug/l	99
79) 2-Chlorotoluene	12.897	91	386951	19.048	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	479512	19.298	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	29991	18.483	ug/l	97
82) 4-Chlorotoluene	12.997	91	394828	18.771	ug/l	99
83) tert-Butylbenzene	13.214	119	418200	19.198	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	476004	19.443	ug/l	99
85) sec-Butylbenzene	13.391	105	604896	18.491	ug/l	99
86) p-Isopropyltoluene	13.502	119	500624	18.597	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	256050	18.768	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	254149	18.786	ug/l	99
89) n-Butylbenzene	13.832	91	471854	18.390	ug/l	99
90) Hexachloroethane	14.096	117	97387	18.458	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	229286	19.276	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	17556	21.266	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	144306	18.324	ug/l	99
94) Hexachlorobutadiene	15.249	225	81971	17.894	ug/l	98
95) Naphthalene	15.385	128	281674	20.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	131656	19.314	ug/l	97

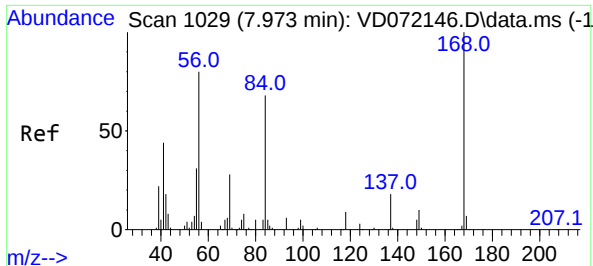
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072201.D
Acq On : 15 Mar 2022 21:02
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Sample : VD0315SBSD01
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MSVOA_D
ClientSampleId :
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Quant 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)
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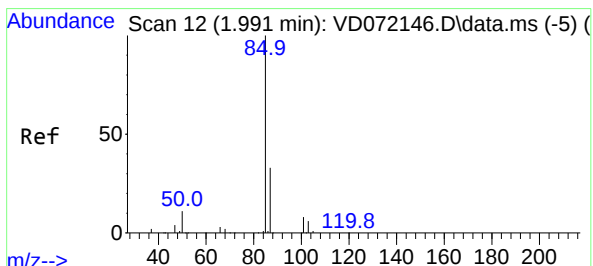
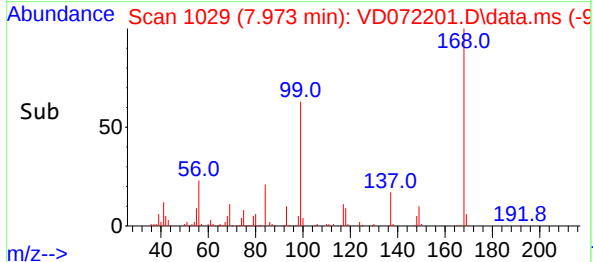
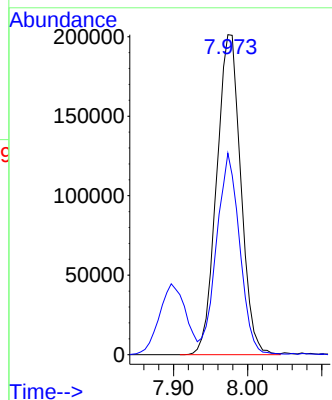
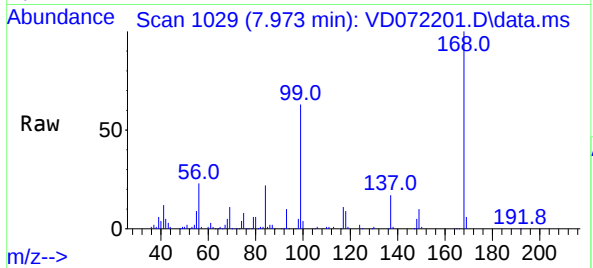
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

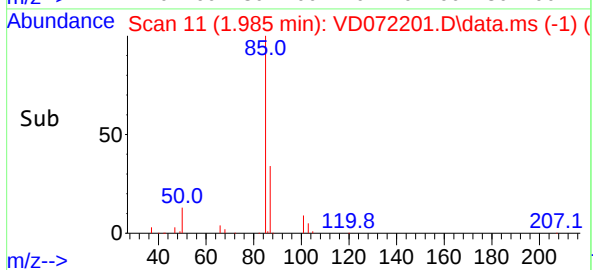
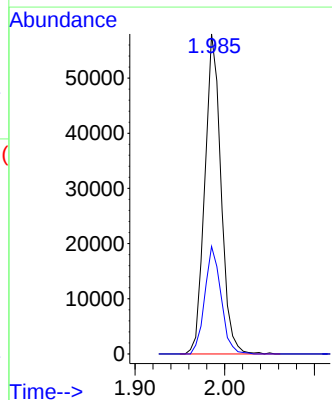
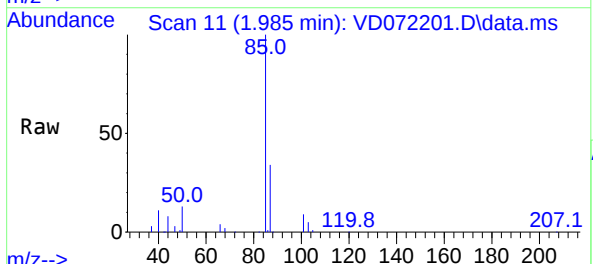
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

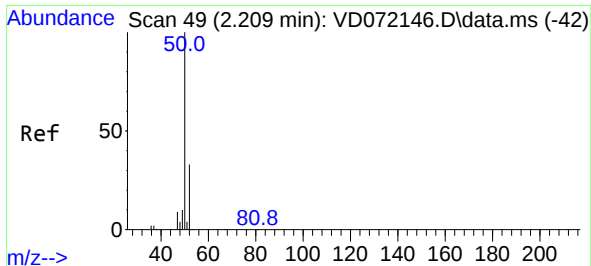
Tgt Ion:168 Resp: 456028
Ion Ratio Lower Upper
168 100
99 62.7 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 17.220 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 85 Resp: 72633
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0

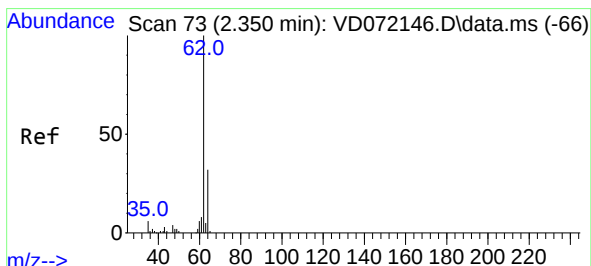
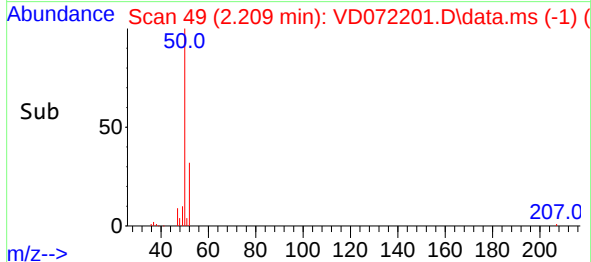
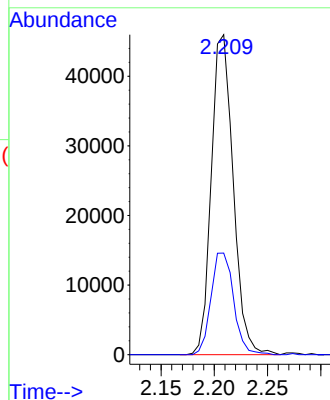
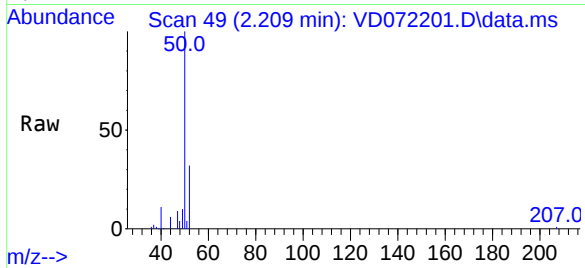




#3
Chloromethane
Concen: 17.538 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

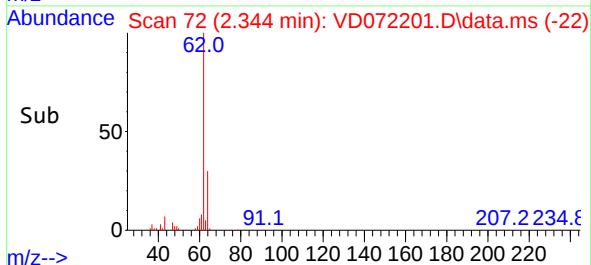
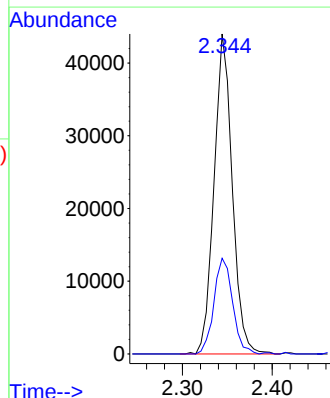
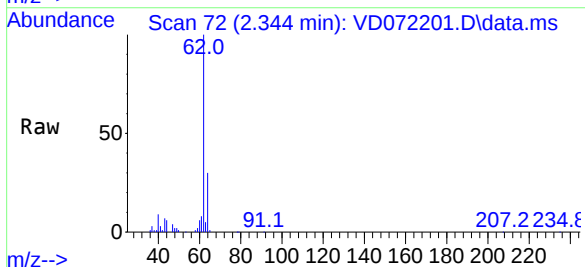
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

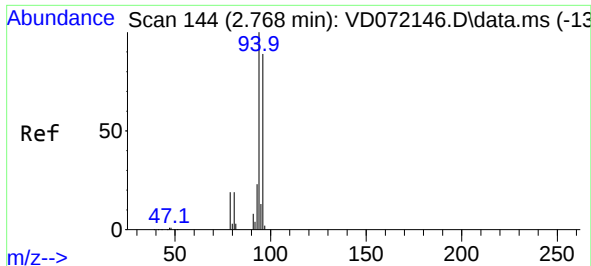
Tgt Ion: 50 Resp: 65735
Ion Ratio Lower Upper
50 100
52 31.7 27.4 41.0



#4
Vinyl Chloride
Concen: 17.140 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 62 Resp: 62013
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.0

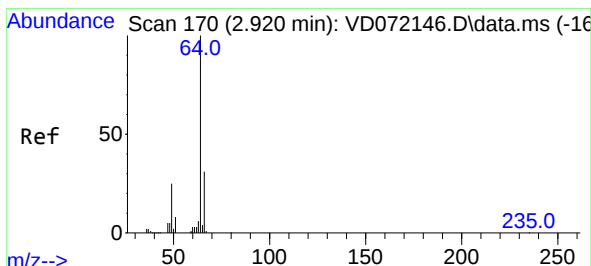
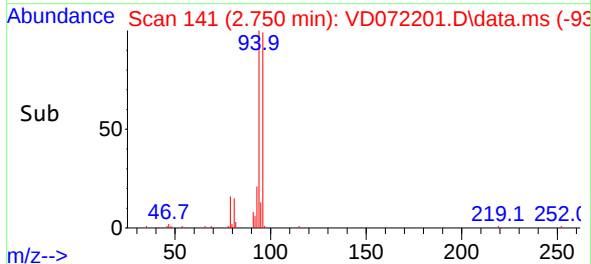
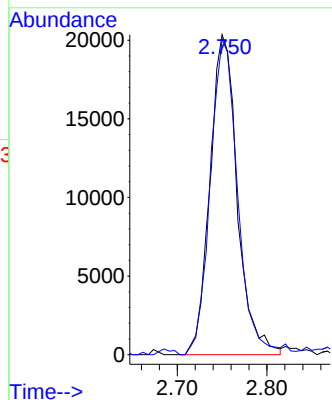
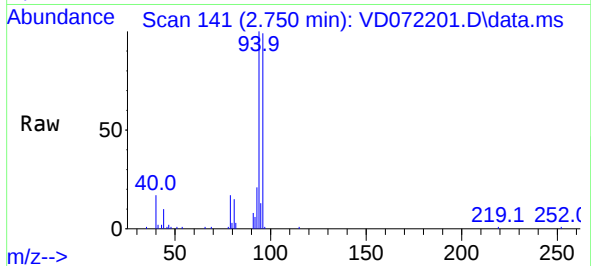




#5
Bromomethane
Concen: 18.207 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

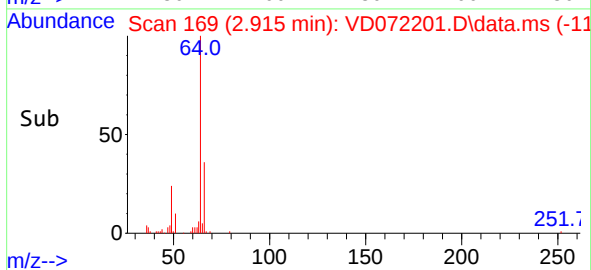
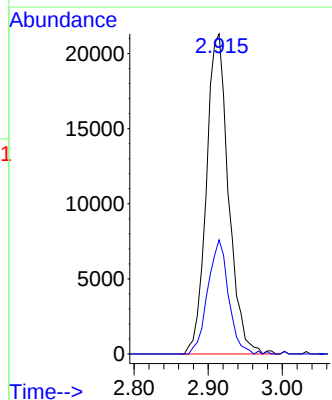
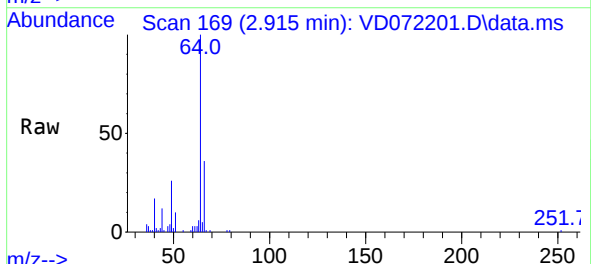
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

Tgt Ion: 94 Resp: 42894
Ion Ratio Lower Upper
94 100
96 98.7 77.6 116.4

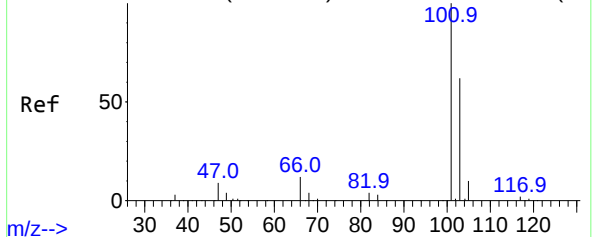


#6
Chloroethane
Concen: 18.535 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

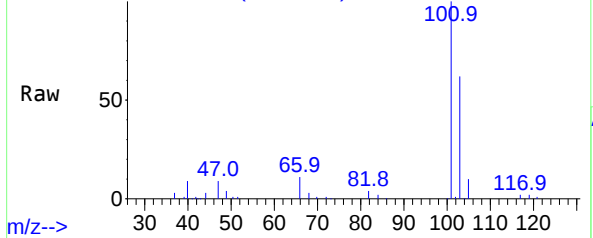
Tgt Ion: 64 Resp: 44337
Ion Ratio Lower Upper
64 100
66 35.6 25.9 38.9



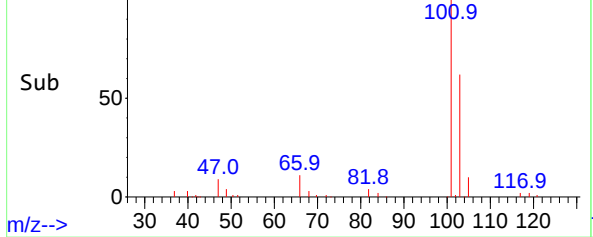
Abundance Scan 230 (3.273 min): VD072146.D\data.ms (-21



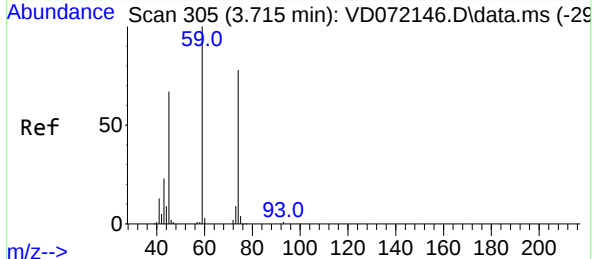
m/z--> Scan 230 (3.274 min): VD072201.D\data.ms



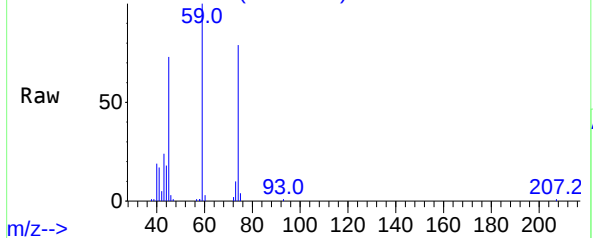
Abundance Scan 230 (3.274 min): VD072201.D\data.ms (-17



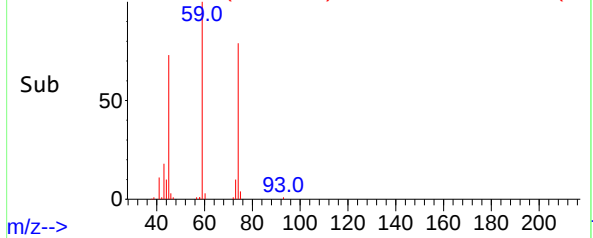
m/z--> Scan 305 (3.715 min): VD072146.D\data.ms (-29



m/z--> Scan 304 (3.709 min): VD072201.D\data.ms



Abundance Scan 304 (3.709 min): VD072201.D\data.ms (-25

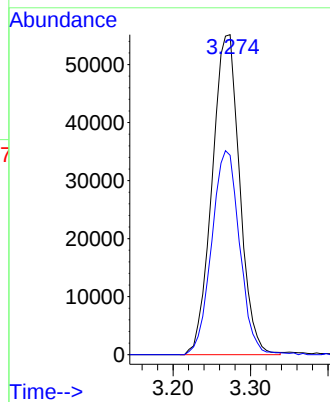


m/z--> Scan 304 (3.709 min): VD072201.D\data.ms (-25

#7
Trichlorofluoromethane
Concen: 16.689 ug/l
RT: 3.274 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

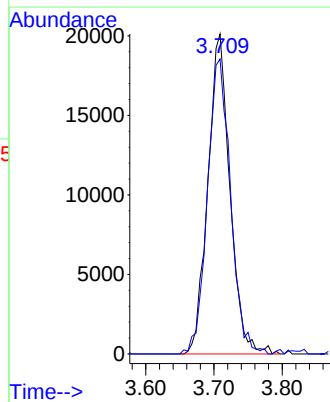
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

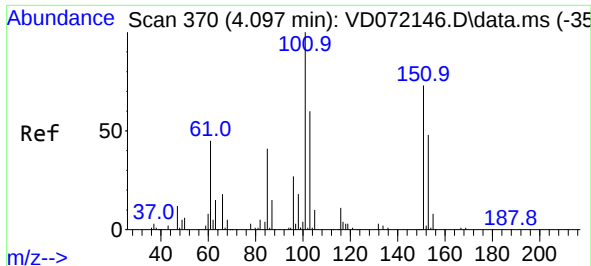
Tgt Ion:101 Resp: 136357
Ion Ratio Lower Upper
101 100
103 62.3 50.1 75.1



#8
Diethyl Ether
Concen: 20.093 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 74 Resp: 45340
Ion Ratio Lower Upper
74 100
45 96.5 52.6 157.8

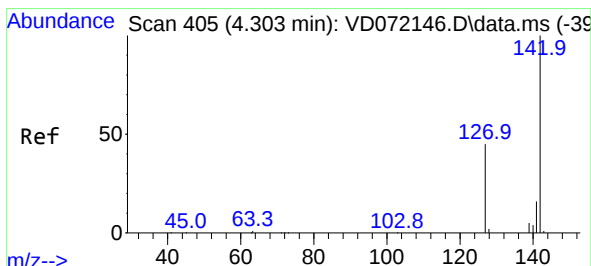
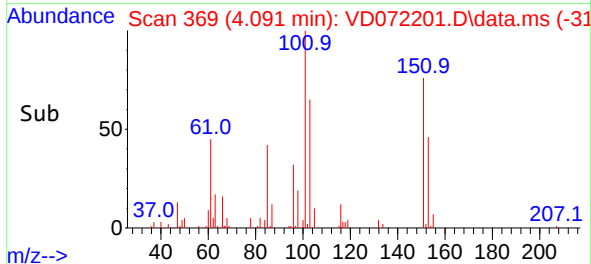
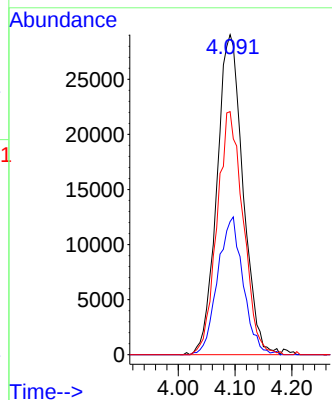
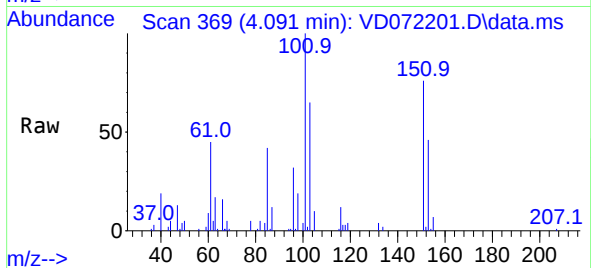




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.799 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

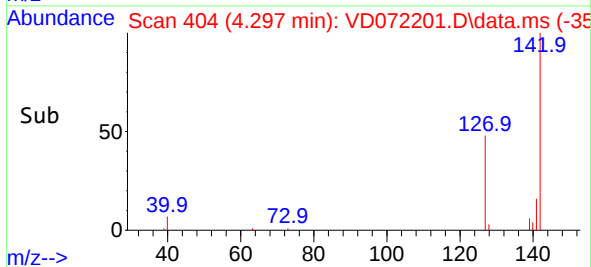
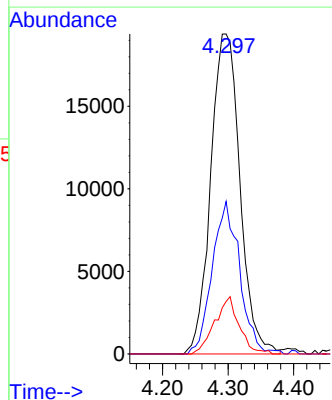
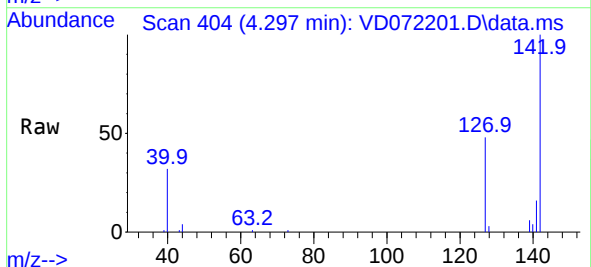
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:101 Resp: 92729
Ion Ratio Lower Upper
101 100
85 42.1 36.4 54.6
151 76.3 57.3 85.9



#10
Methyl Iodide
Concen: 14.518 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion:142 Resp: 60041
Ion Ratio Lower Upper
142 100
127 44.7 37.3 55.9
141 14.9 11.7 17.5

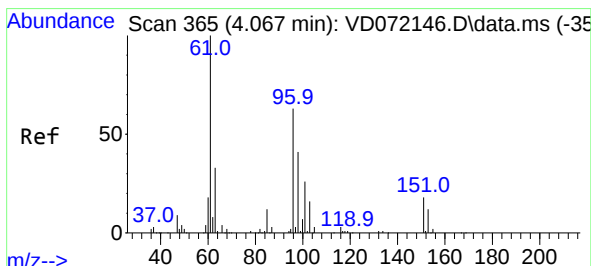
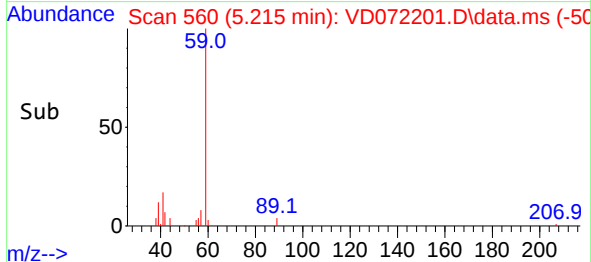
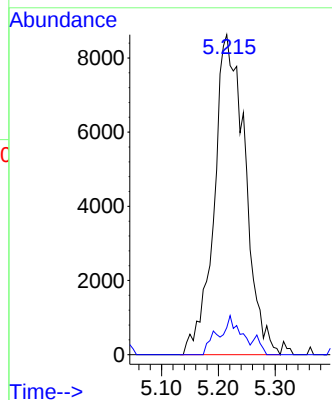
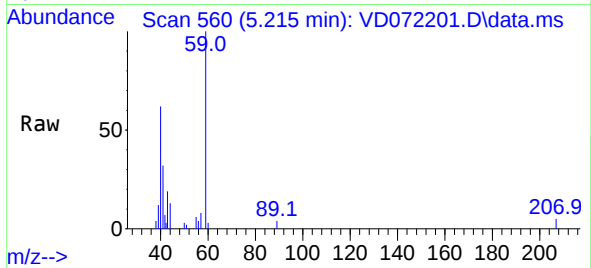




#11
Tert butyl alcohol
Concen: 110.666 ug/l
RT: 5.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

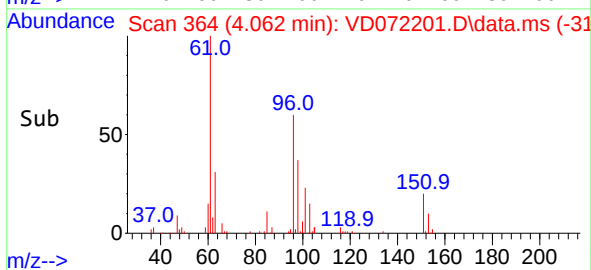
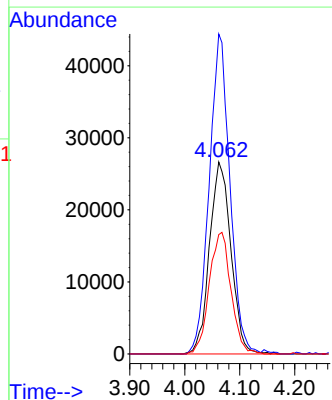
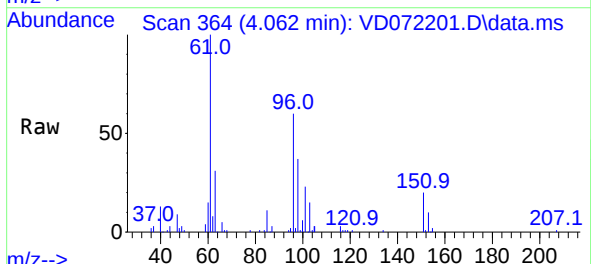
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

Tgt Ion: 59 Resp: 32610
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 17.257 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 96 Resp: 72329
Ion Ratio Lower Upper
96 100
61 166.7 138.5 207.7
98 62.1 48.6 73.0

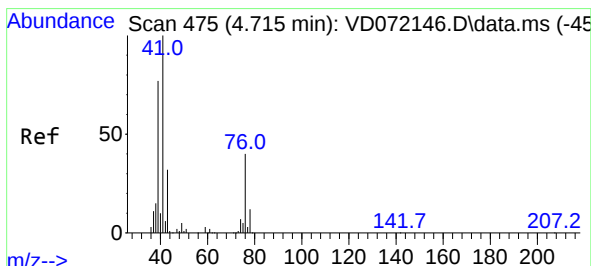
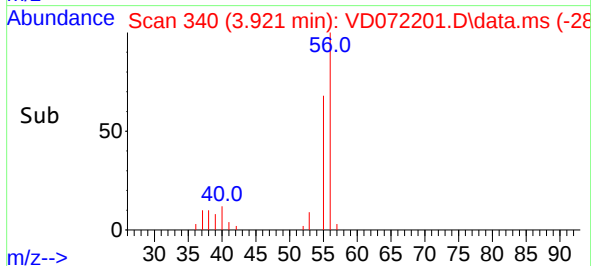
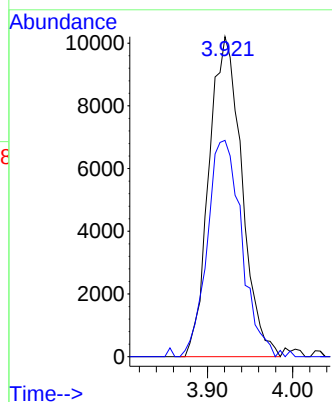
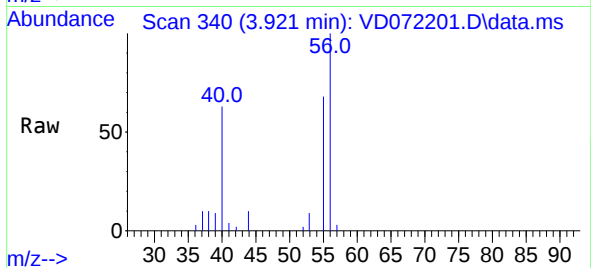




#13
Acrolein
Concen: 103.871 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

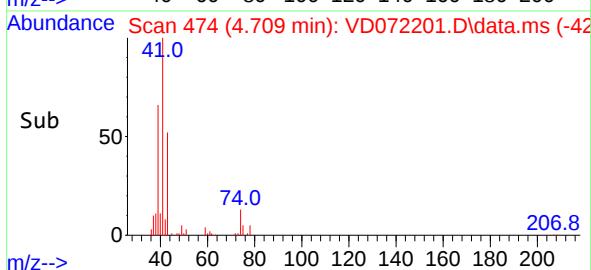
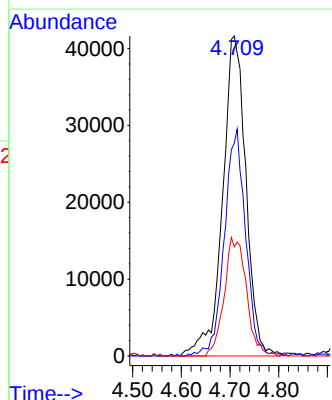
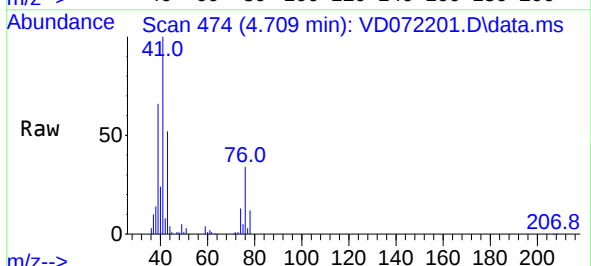
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

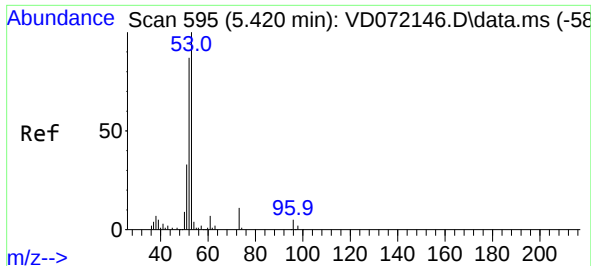
Tgt Ion: 56 Resp: 27312
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7



#14
Allyl chloride
Concen: 18.928 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 41 Resp: 138703
Ion Ratio Lower Upper
41 100
39 64.7 59.3 88.9
76 35.1 25.7 38.5

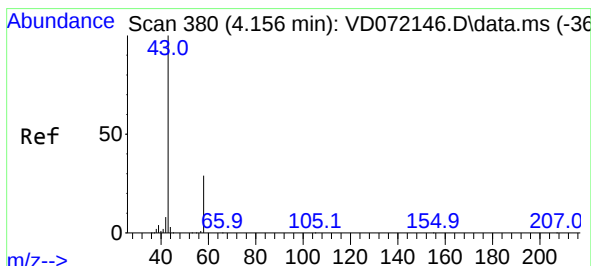
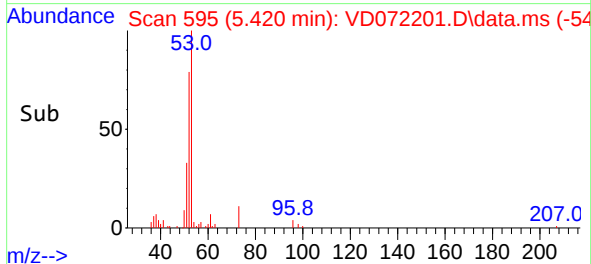
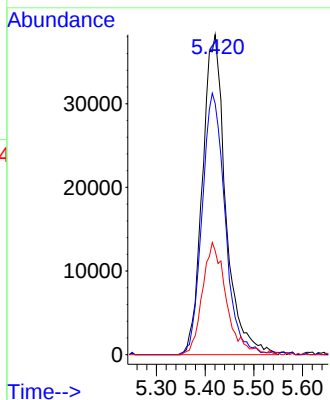
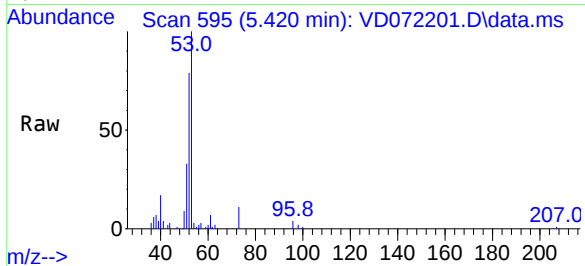




#15
Acrylonitrile
Concen: 111.011 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

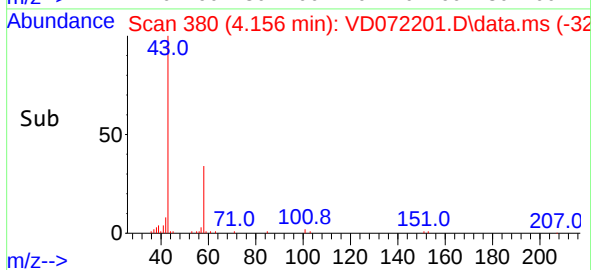
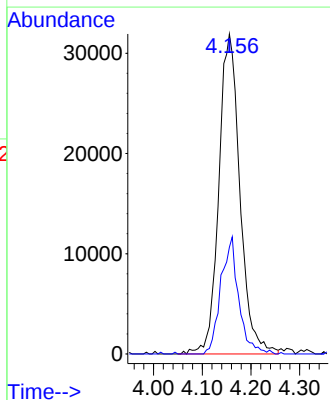
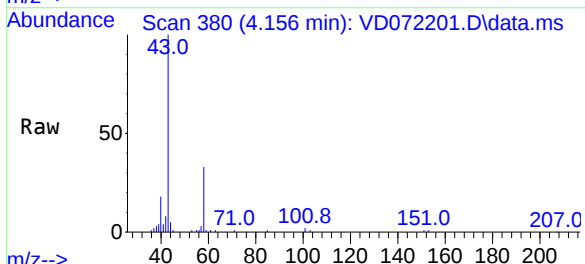
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

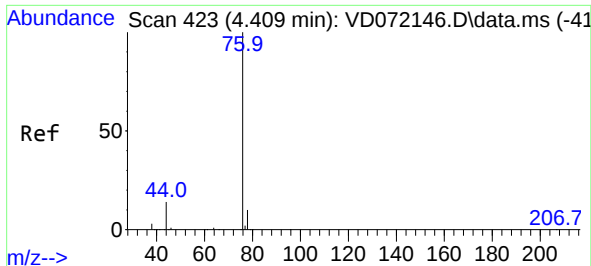
Tgt Ion: 53 Resp: 126398
Ion Ratio Lower Upper
53 100
52 80.8 67.2 100.8
51 36.2 30.3 45.5



#16
Acetone
Concen: 87.296 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 43 Resp: 96326
Ion Ratio Lower Upper
43 100
58 33.3 22.1 33.1#

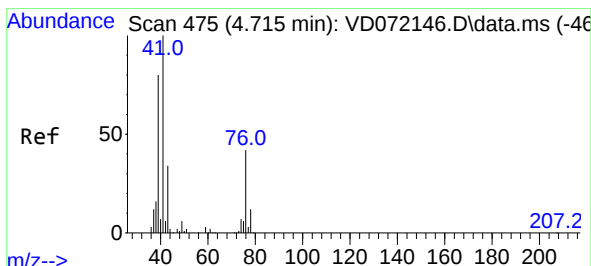
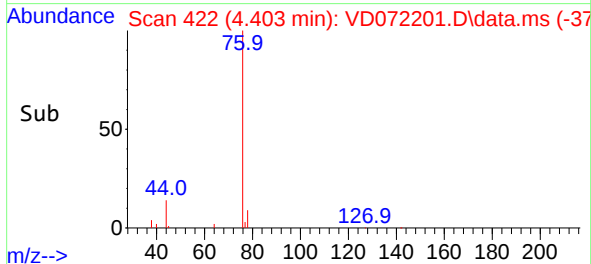
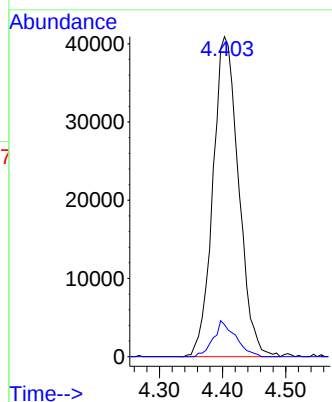
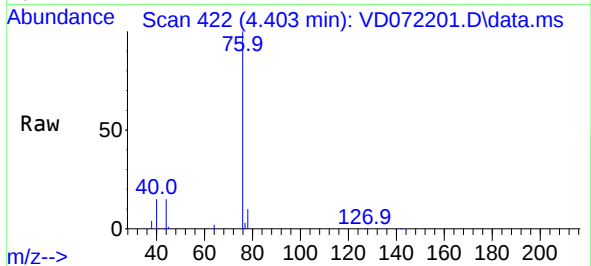




#17
Carbon Disulfide
Concen: 12.987 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

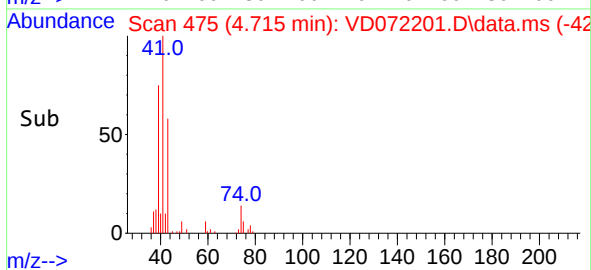
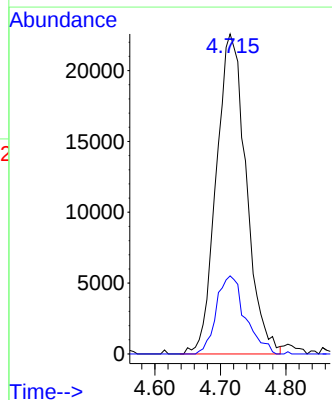
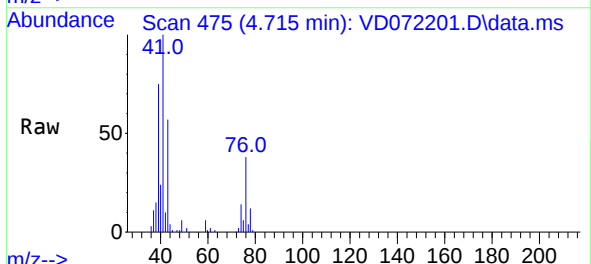
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

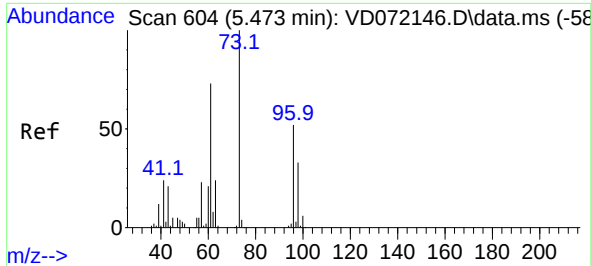
Tgt Ion: 76 Resp: 115760
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3



#18
Methyl Acetate
Concen: 26.394 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 43 Resp: 71372
Ion Ratio Lower Upper
43 100
74 23.6 16.7 25.1

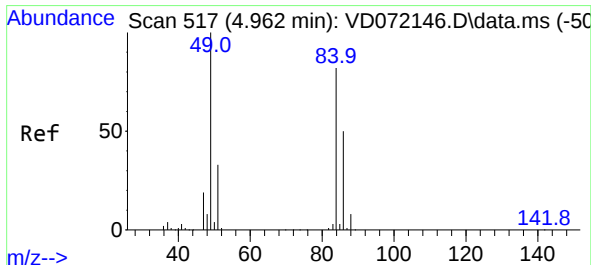
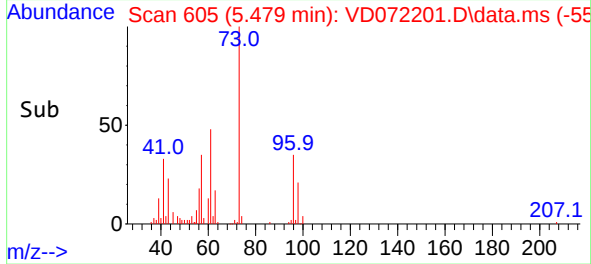
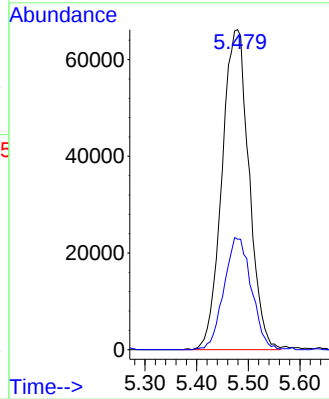
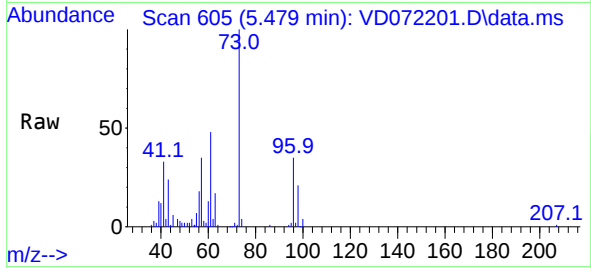




#19
Methyl tert-butyl Ether
Concen: 21.086 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

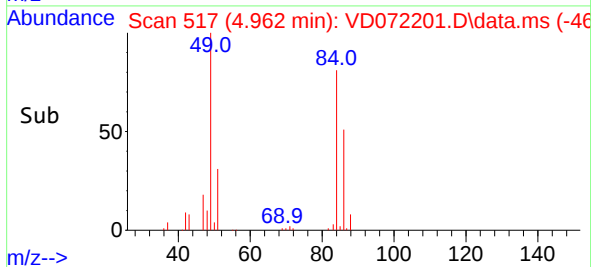
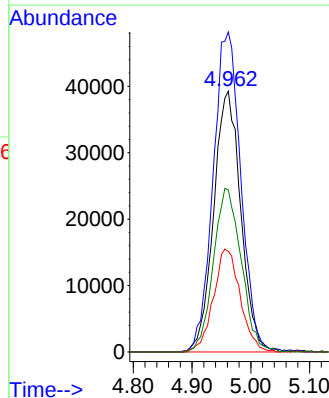
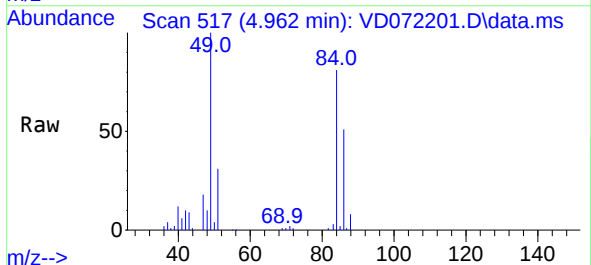
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

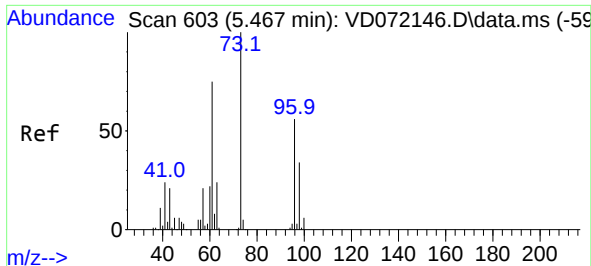
Tgt Ion: 73 Resp: 240210
Ion Ratio Lower Upper
73 100
57 34.5 18.0 27.0#



#20
Methylene Chloride
Concen: 19.062 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 84 Resp: 125821
Ion Ratio Lower Upper
84 100
49 122.7 112.8 169.2
51 38.6 32.6 48.8
86 62.2 47.9 71.9

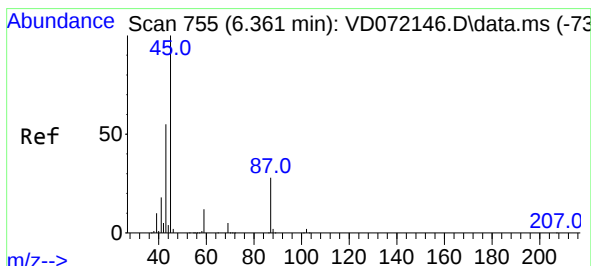
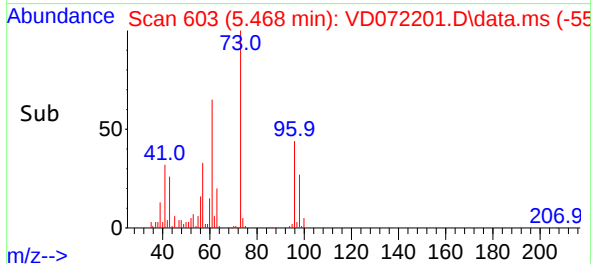
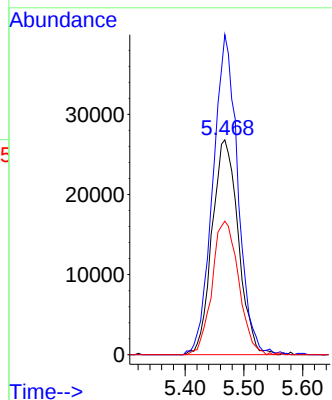
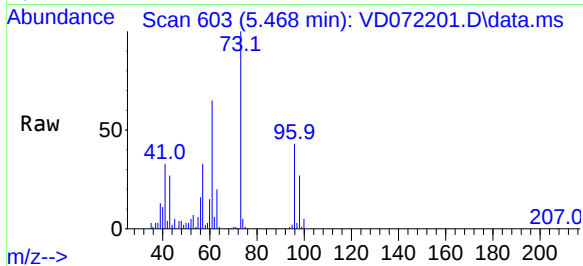




#21
trans-1,2-Dichloroethene
Concen: 17.931 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

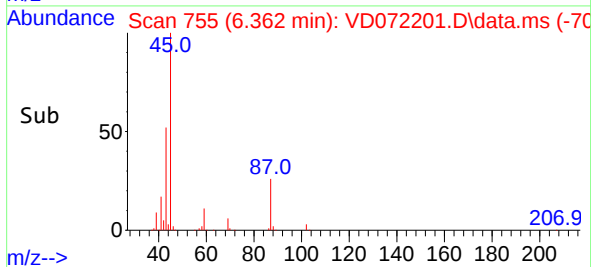
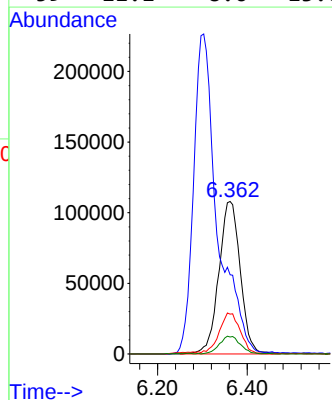
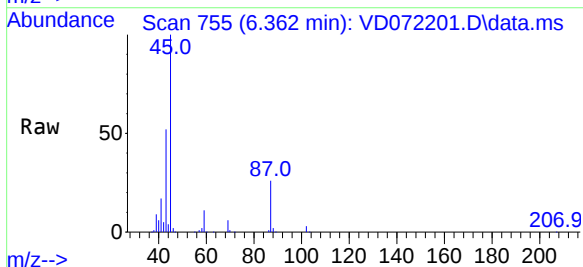
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

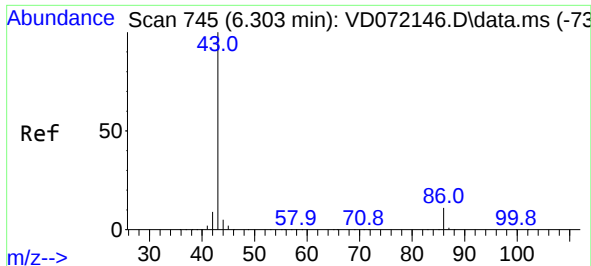
Tgt Ion: 96 Resp: 83125
Ion Ratio Lower Upper
96 100
61 148.9 117.9 176.9
98 62.1 49.4 74.2



#22
Diisopropyl ether
Concen: 21.478 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 45 Resp: 358988
Ion Ratio Lower Upper
45 100
43 51.3 46.6 70.0
87 25.9 18.4 27.6
59 11.1 8.6 13.0

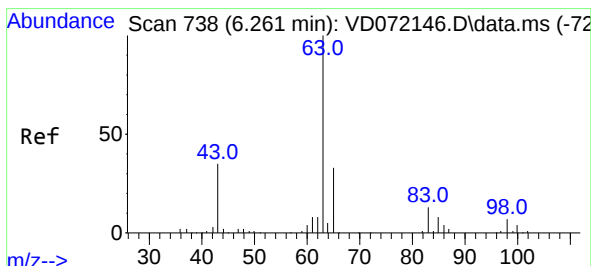
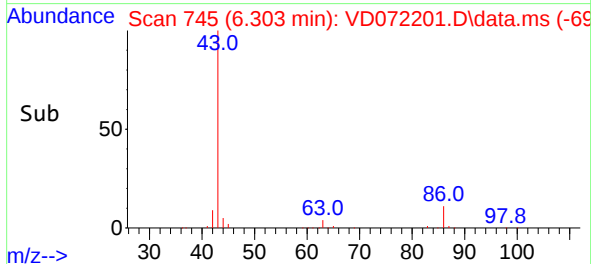
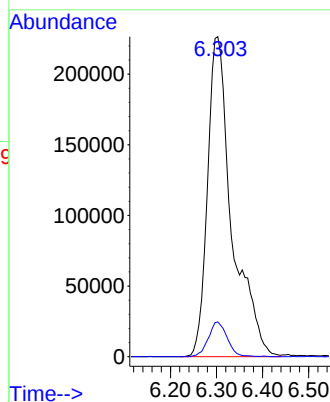
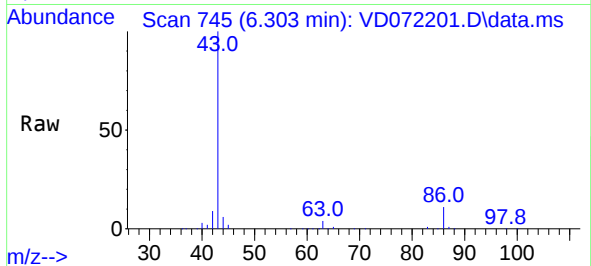




#23
 Vinyl Acetate
 Concen: 97.973 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072201.D
 Acq: 15 Mar 2022 21:02

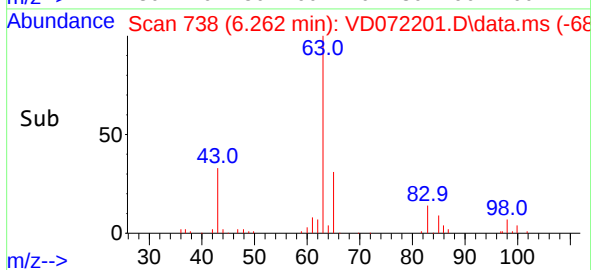
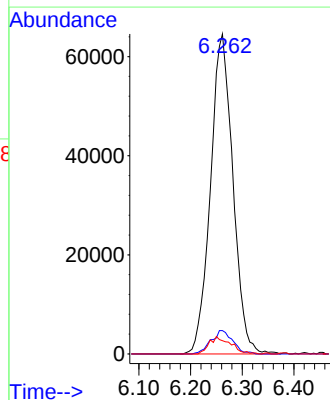
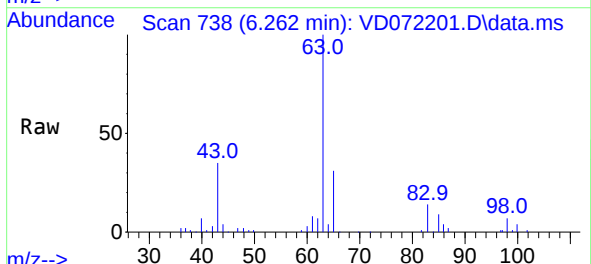
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBSD01

Tgt Ion: 43 Resp: 835733
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.752 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072201.D
 Acq: 15 Mar 2022 21:02

Tgt Ion: 63 Resp: 194705
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 105.441 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.006 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Instrument :

MSVOA_D

ClientSampleId :

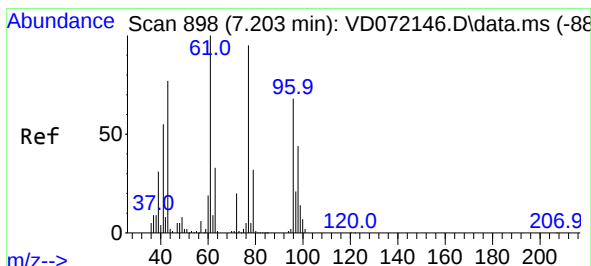
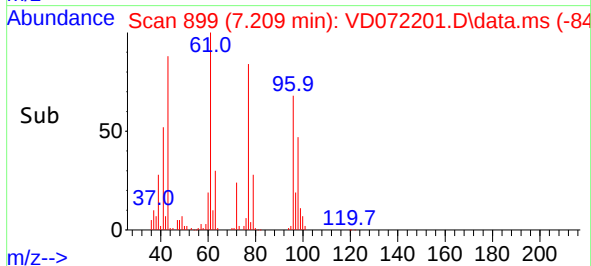
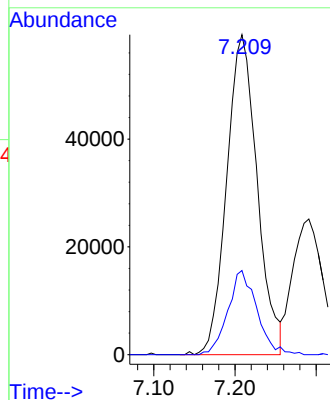
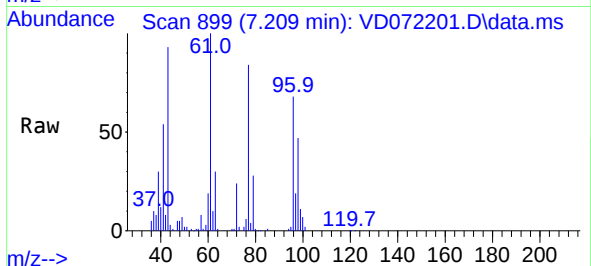
VD0315SBSD01

Tgt Ion: 43 Resp: 155129

Ion Ratio Lower Upper

43 100

72 26.3 18.6 27.8



#26

2,2-Dichloropropane

Concen: 17.451 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD072201.D

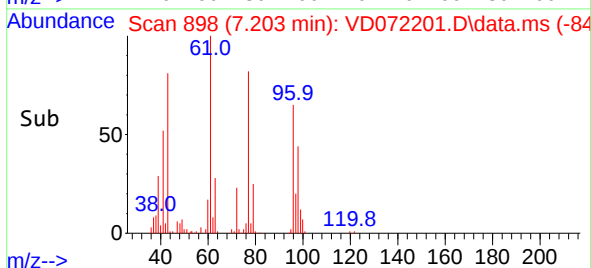
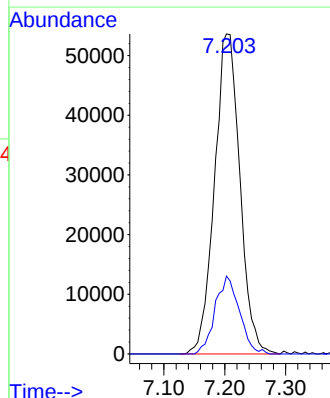
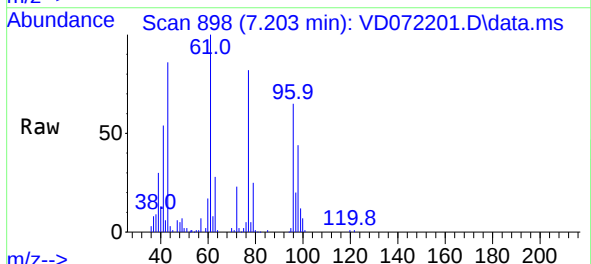
Acq: 15 Mar 2022 21:02

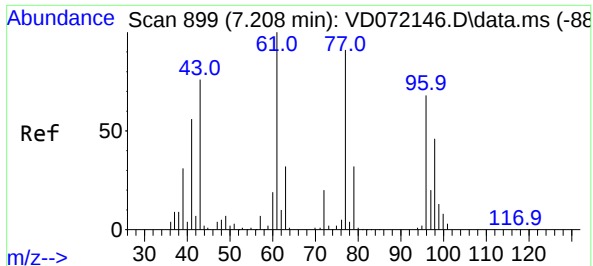
Tgt Ion: 77 Resp: 155213

Ion Ratio Lower Upper

77 100

97 23.2 10.8 32.4

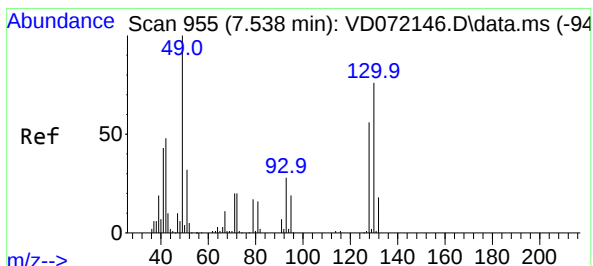
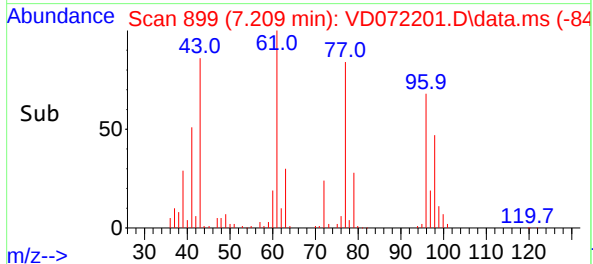
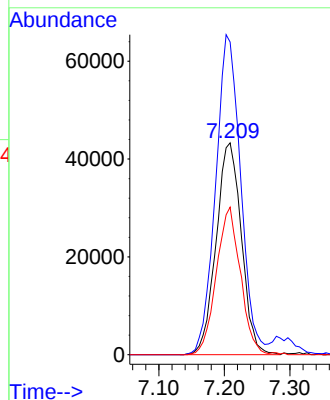
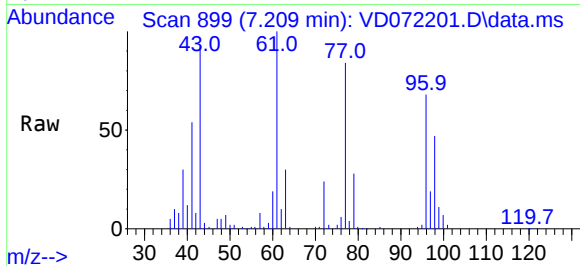




#27
cis-1,2-Dichloroethene
Concen: 19.586 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

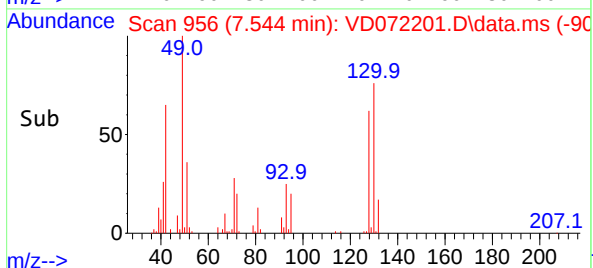
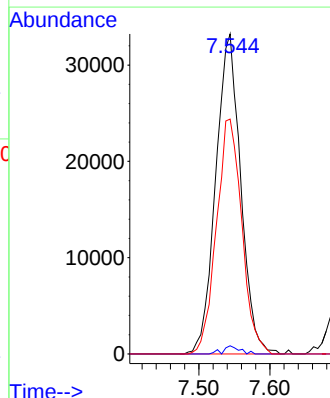
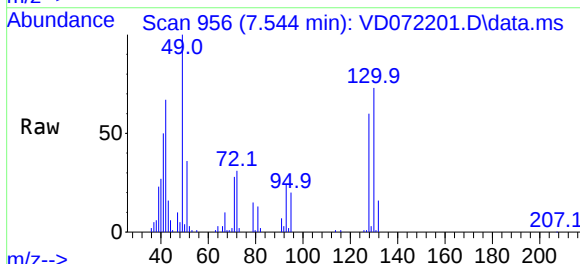
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

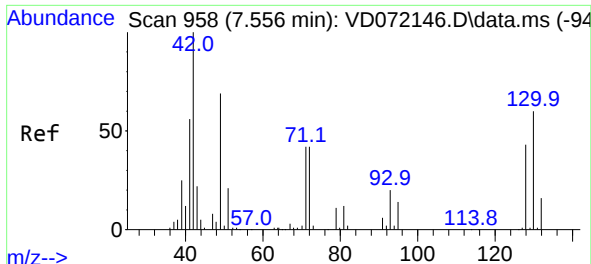
Tgt Ion: 96 Resp: 115919
Ion Ratio Lower Upper
96 100
61 149.4 0.0 313.8
98 66.2 0.0 128.8



#28
Bromochloromethane
Concen: 20.416 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 49 Resp: 81019
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 74.6 52.6 79.0

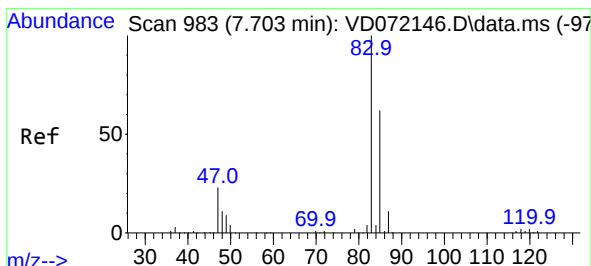
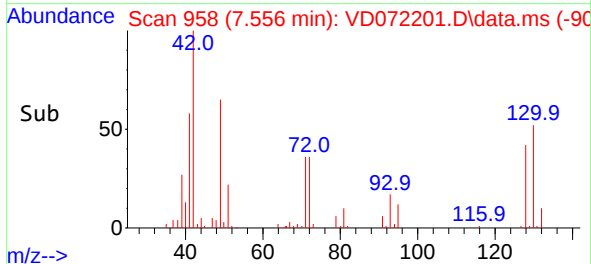
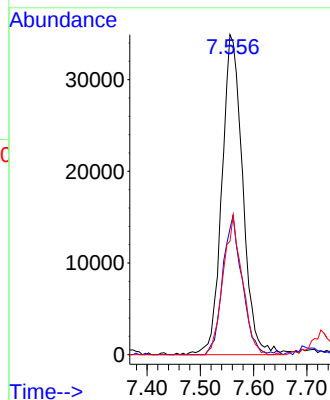
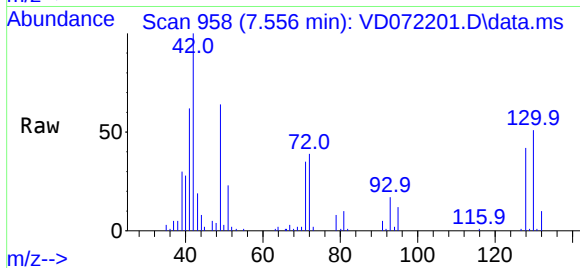




#29
Tetrahydrofuran
Concen: 109.349 ug/l
RT: 7.556 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

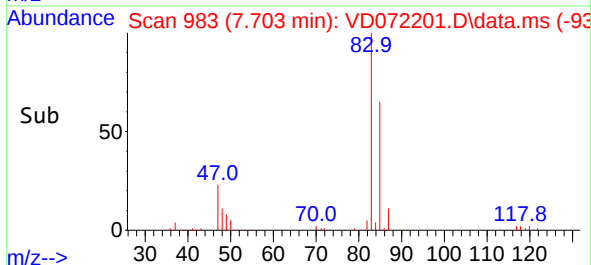
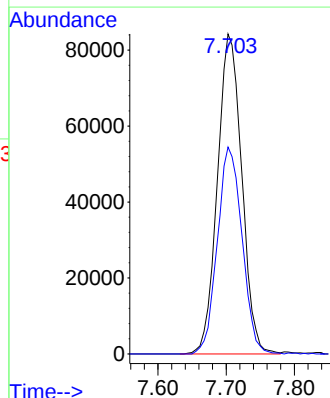
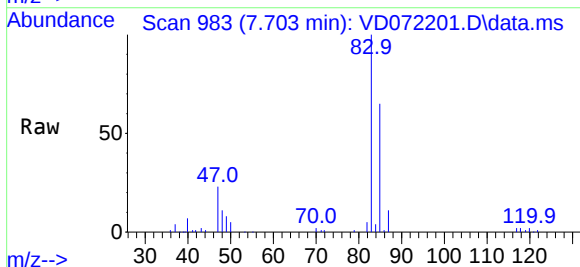
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

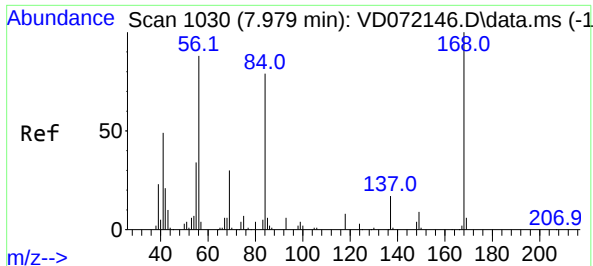
Tgt Ion: 42 Resp: 94598
Ion Ratio Lower Upper
42 100
72 40.5 30.7 46.1
71 40.0 28.6 43.0



#30
Chloroform
Concen: 19.945 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 83 Resp: 209450
Ion Ratio Lower Upper
83 100
85 64.7 52.7 79.1

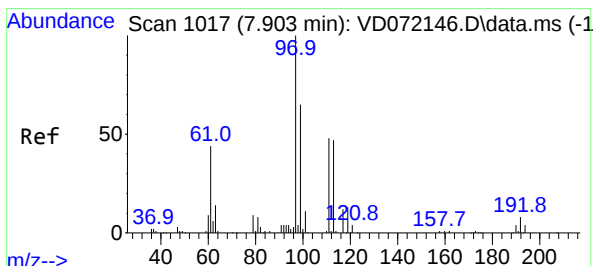
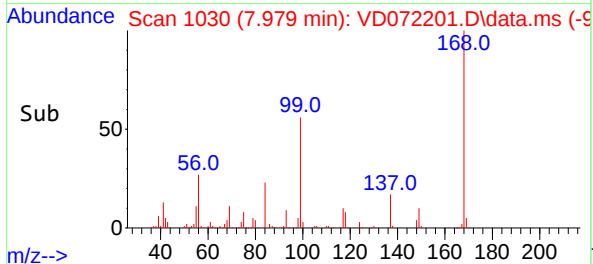
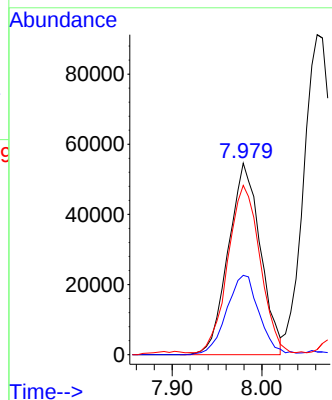
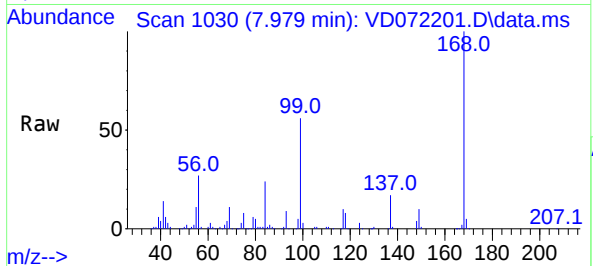




#31
Cyclohexane
Concen: 17.062 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

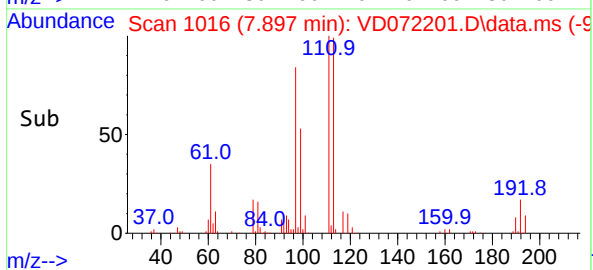
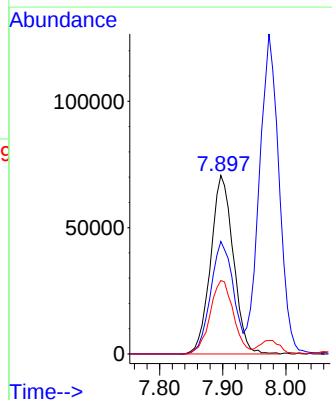
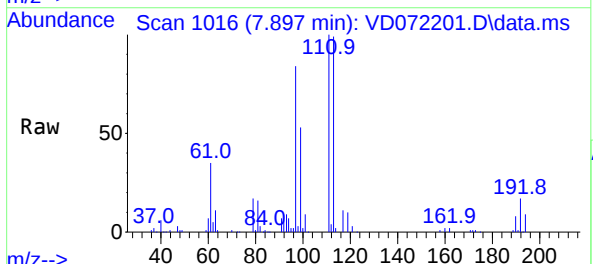
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

Tgt Ion: 56 Resp: 135476
Ion Ratio Lower Upper
56 100
69 41.4 25.4 38.2#
84 87.0 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 18.852 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 97 Resp: 175834
Ion Ratio Lower Upper
97 100
99 63.3 52.4 78.6
61 42.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 53.397 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Instrument :

MSVOA_D

ClientSampleId :

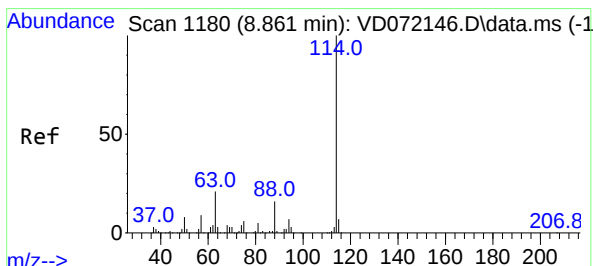
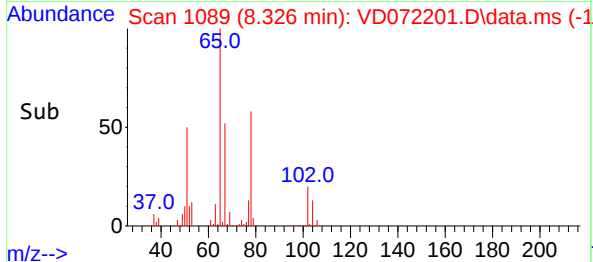
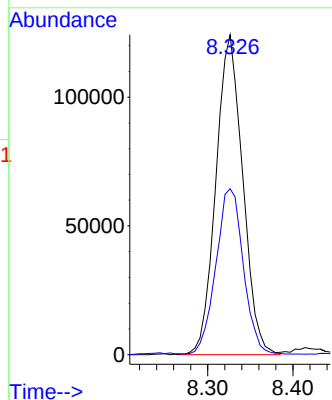
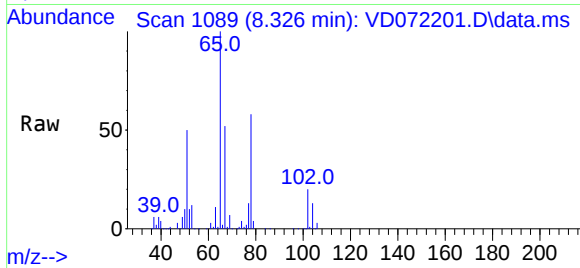
VD0315SBSD01

Tgt Ion: 65 Resp: 271374

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

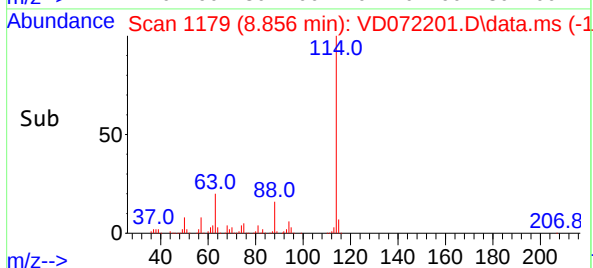
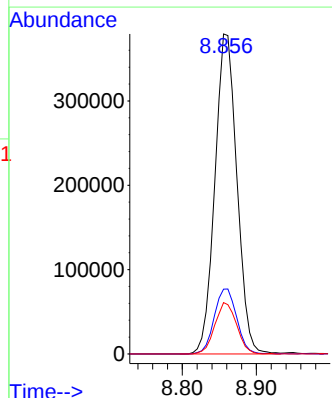
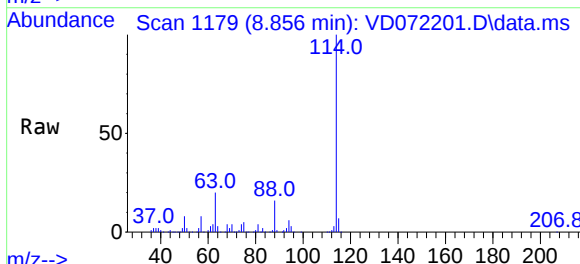
Tgt Ion: 114 Resp: 783361

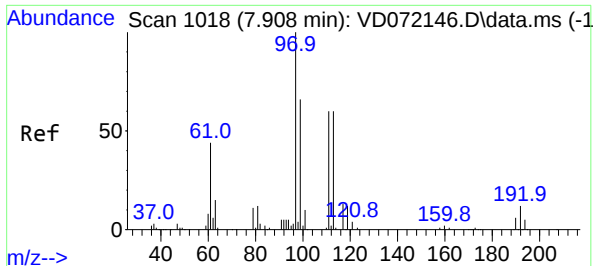
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 16.1 0.0 33.2

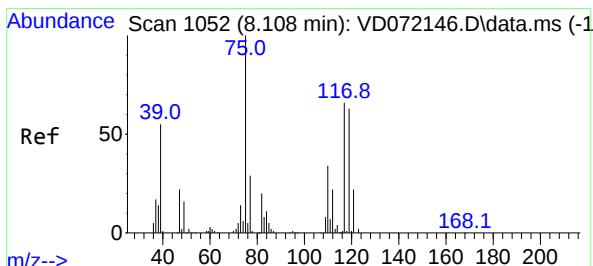
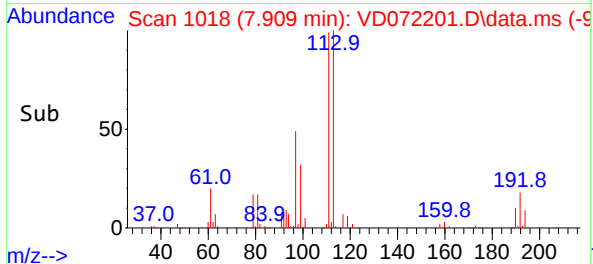
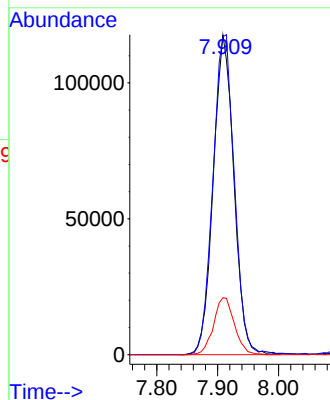
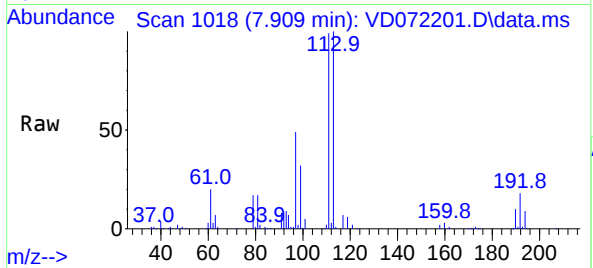




#35
Dibromofluoromethane
Concen: 50.280 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

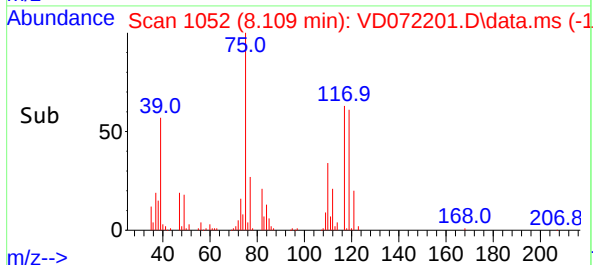
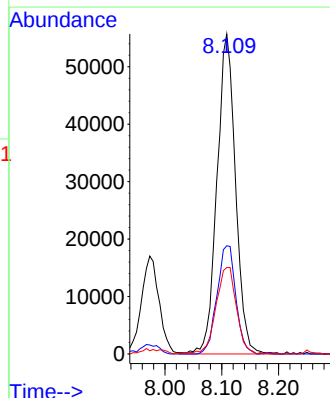
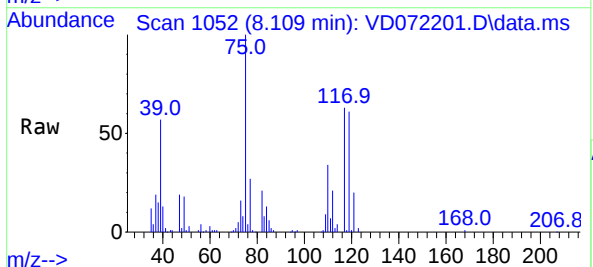
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

Tgt Ion:113 Resp: 277174
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 18.0 14.6 21.8



#36
1,1-Dichloropropene
Concen: 16.370 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 75 Resp: 126598
Ion Ratio Lower Upper
75 100
110 34.2 16.4 49.1
77 29.8 24.2 36.2





#37

Ethyl Acetate

Concen: 19.407 ug/l

RT: 7.291 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Instrument :

MSVOA_D

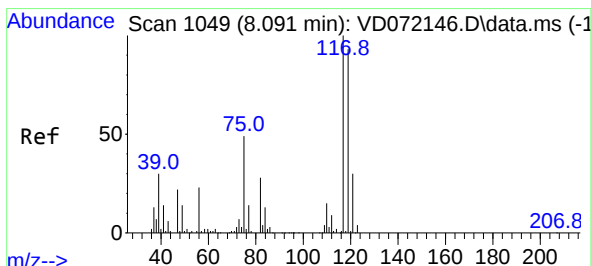
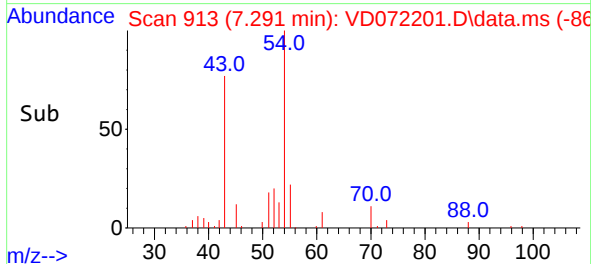
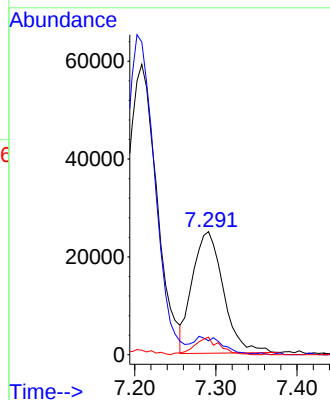
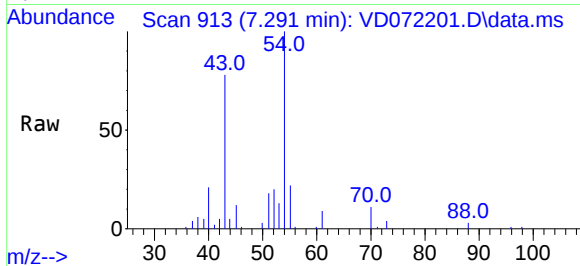
ClientSampleId :

VD0315SBS01

Tgt Ion: 43 Resp: 65742

Ion Ratio Lower Upper

43	100		
61	12.1	9.8	14.8
70	11.6	6.9	10.3



#38

Carbon Tetrachloride

Concen: 16.065 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.006 min

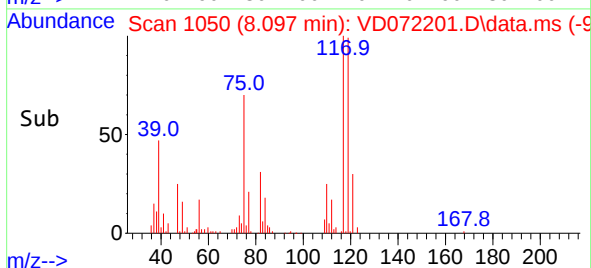
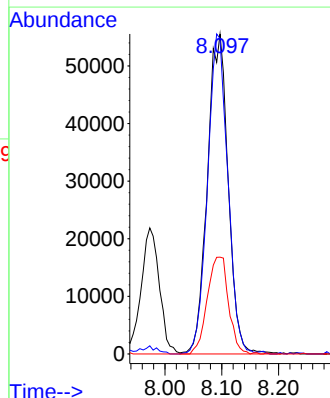
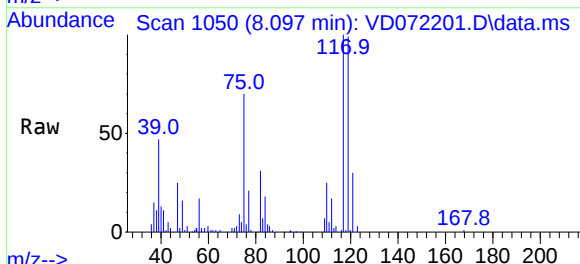
Lab File: VD072201.D

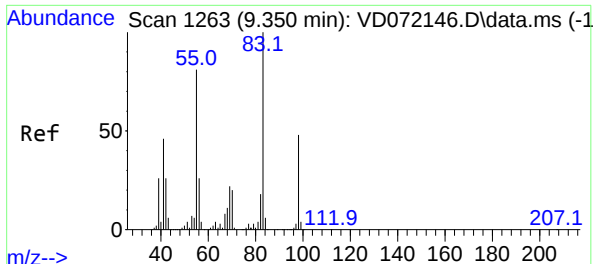
Acq: 15 Mar 2022 21:02

Tgt Ion: 117 Resp: 141220

Ion Ratio Lower Upper

117	100		
119	98.6	75.8	113.6
121	30.3	24.5	36.7





#39

Methylcyclohexane

Concen: 19.850 ug/l

RT: 9.350 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBSD01

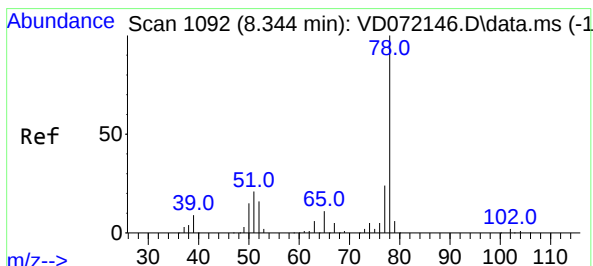
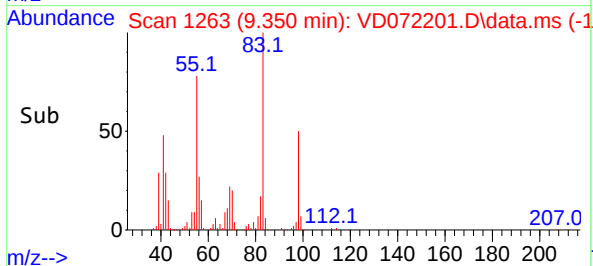
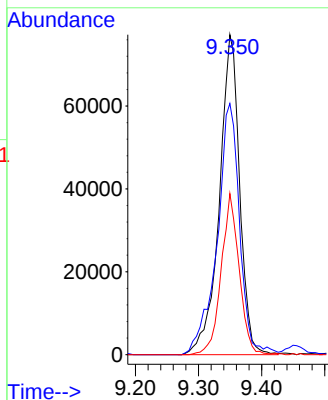
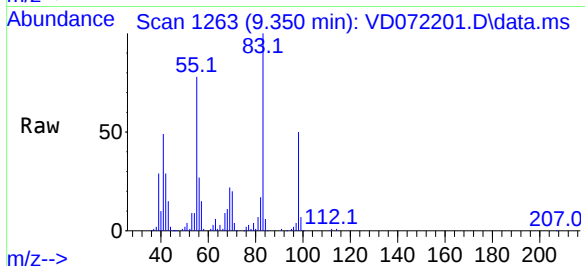
Tgt Ion: 83 Resp: 172740

Ion Ratio Lower Upper

83 100

55 78.5 63.2 94.8

98 50.3 38.2 57.4



#40

Benzene

Concen: 17.554 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072201.D

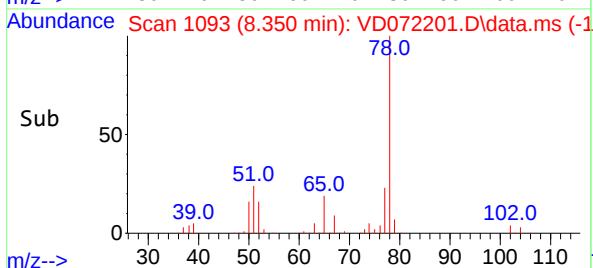
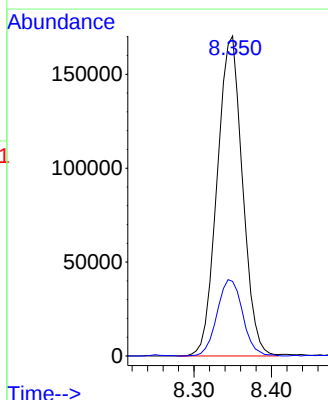
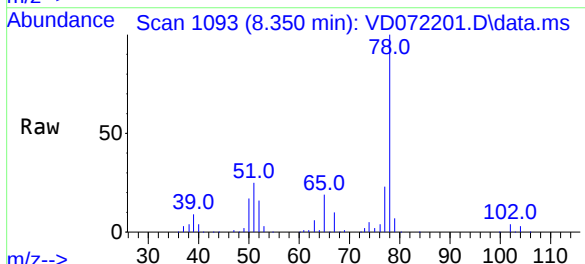
Acq: 15 Mar 2022 21:02

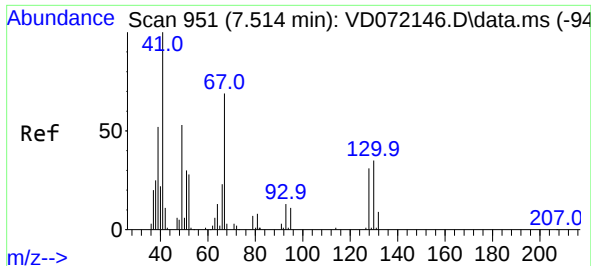
Tgt Ion: 78 Resp: 387286

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7

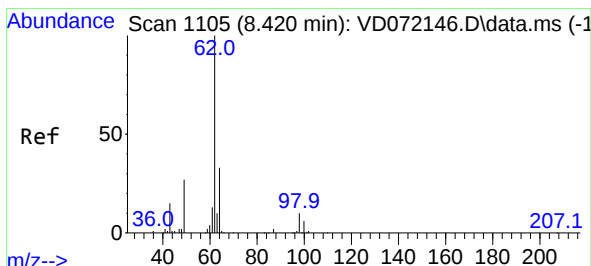
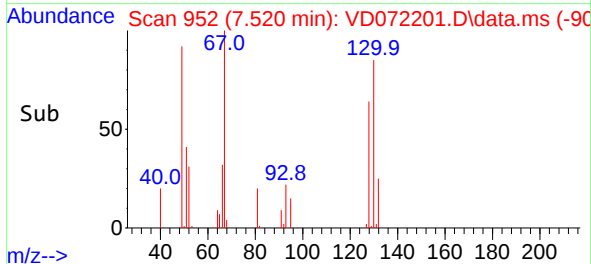
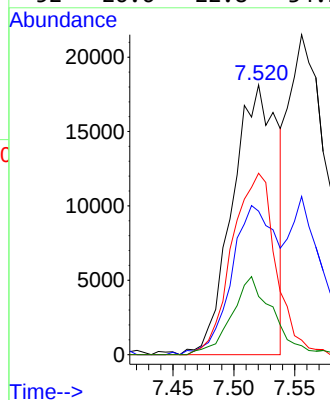
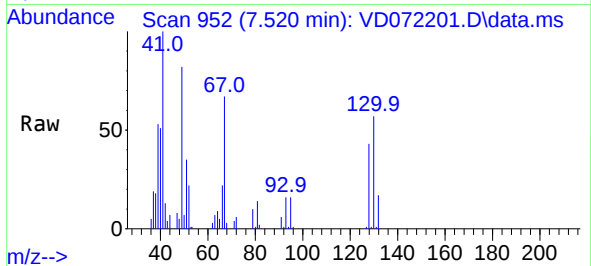




#41
Methacrylonitrile
Concen: 23.659 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

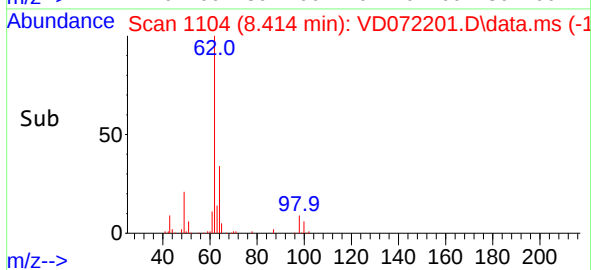
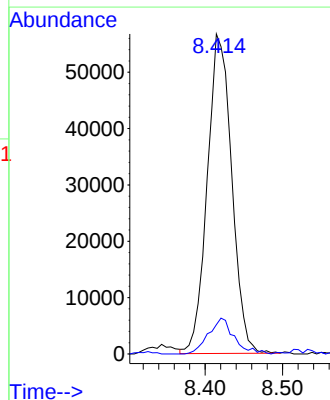
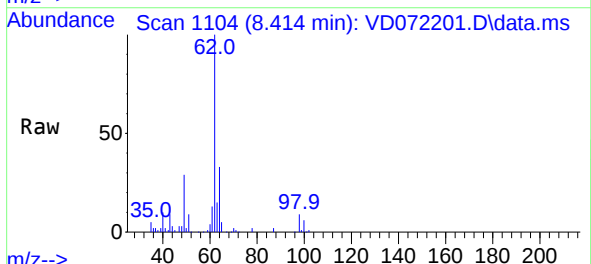
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

Tgt Ion: 41 Resp: 46714
Ion Ratio Lower Upper
41 100
39 54.3 44.6 67.0
67 65.6 48.2 72.4
52 26.6 22.8 34.2



#42
1,2-Dichloroethane
Concen: 18.588 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 62 Resp: 124406
Ion Ratio Lower Upper
62 100
98 11.7 0.0 17.6

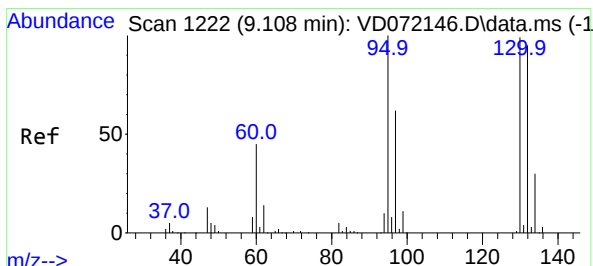
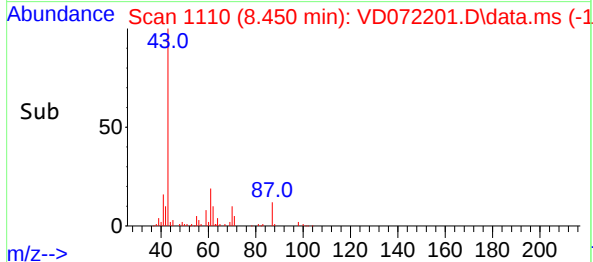
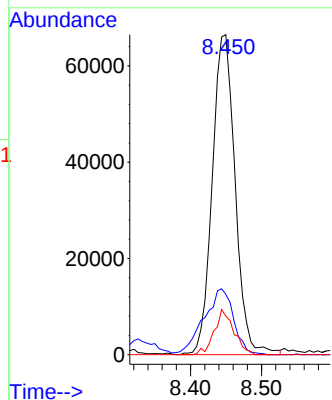
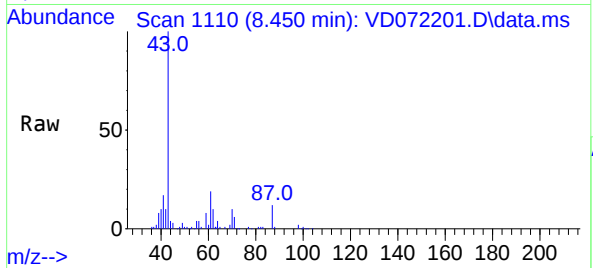




#43
Isopropyl Acetate
Concen: 22.650 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

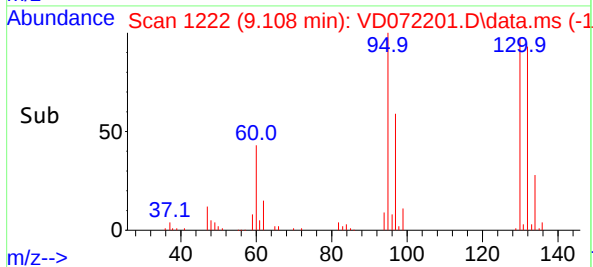
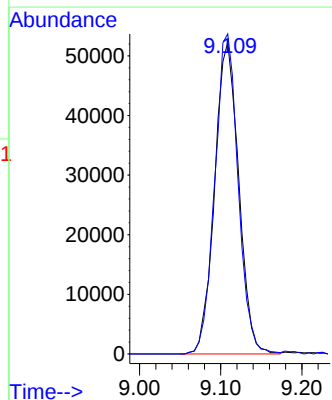
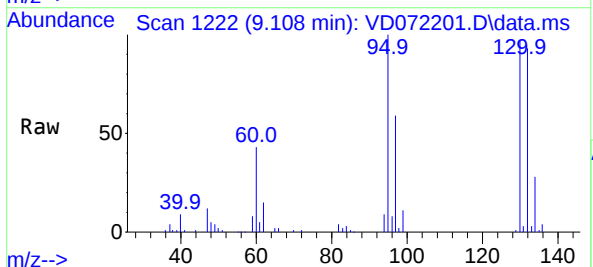
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

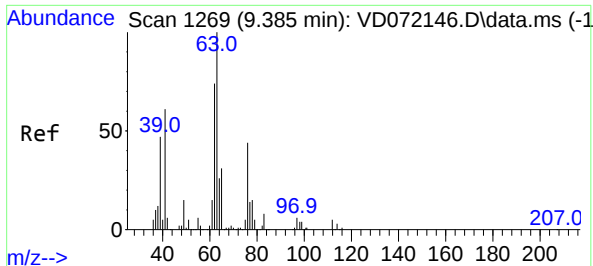
Tgt Ion: 43 Resp: 148926
Ion Ratio Lower Upper
43 100
61 26.8 22.4 33.6
87 12.0 8.7 13.1



#44
Trichloroethene
Concen: 17.381 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 130 Resp: 107650
Ion Ratio Lower Upper
130 100
95 102.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.205 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Instrument :

MSVOA_D

ClientSampleId :

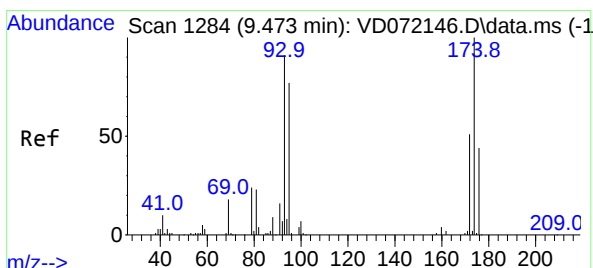
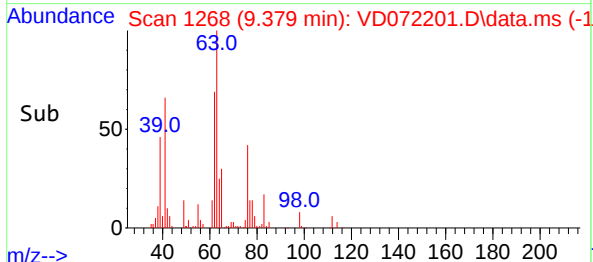
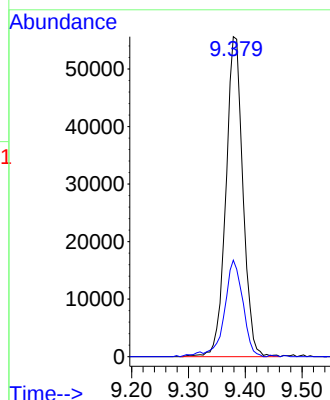
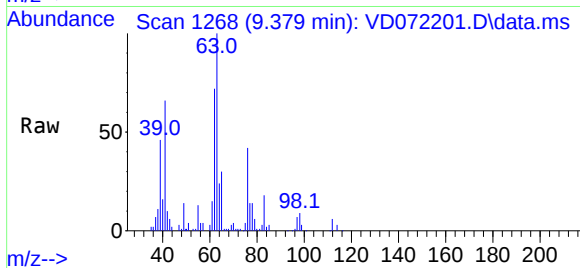
VD0315SBSD01

Tgt Ion: 63 Resp: 116203

Ion Ratio Lower Upper

63 100

65 30.1 26.2 39.4



#46

Dibromomethane

Concen: 19.211 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

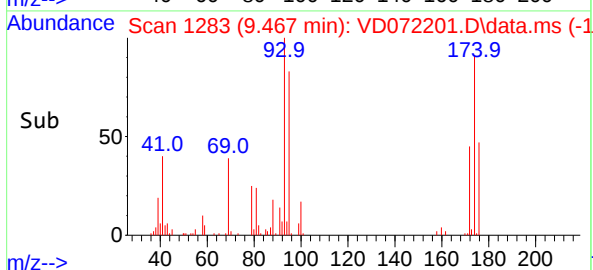
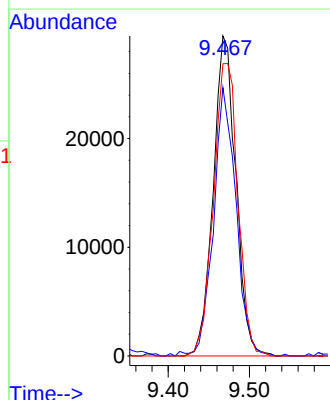
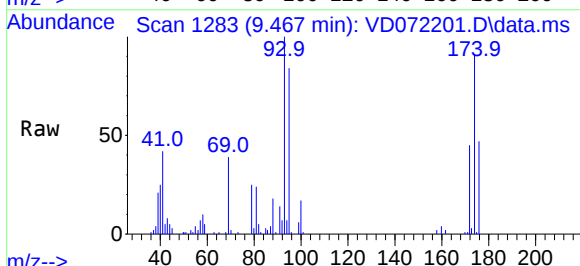
Tgt Ion: 93 Resp: 57178

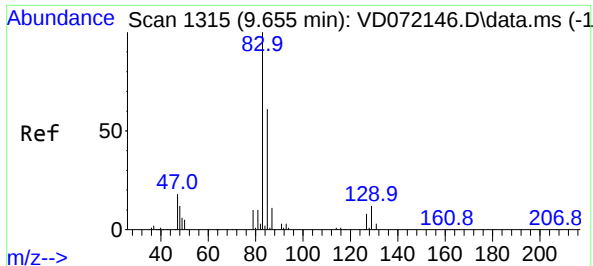
Ion Ratio Lower Upper

93 100

95 83.2 66.7 100.1

174 98.7 71.6 107.4

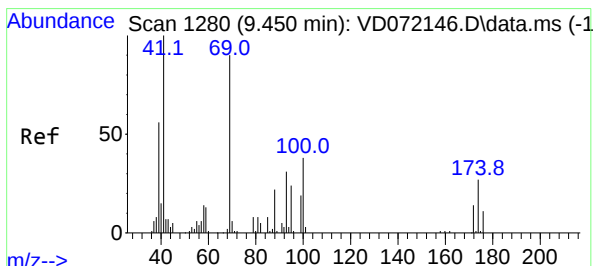
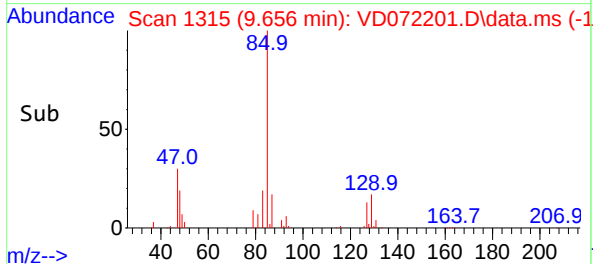
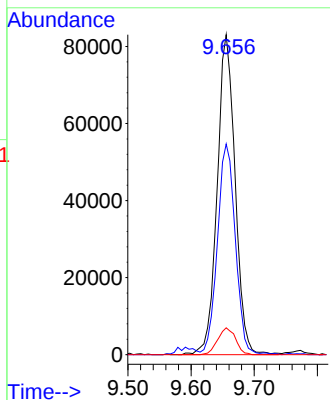
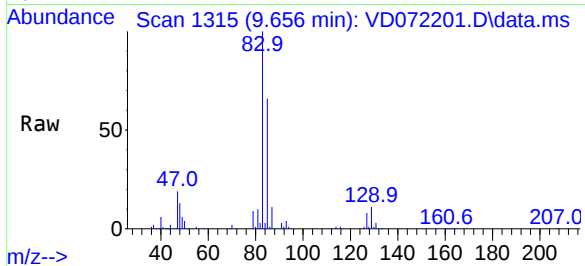




#47
Bromodichloromethane
Concen: 18.934 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

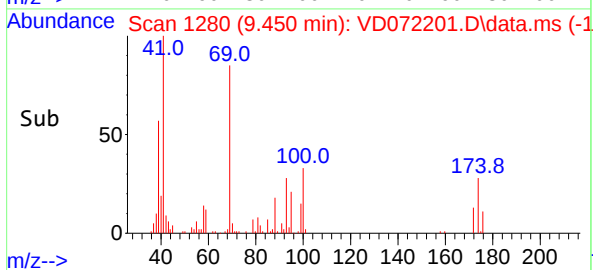
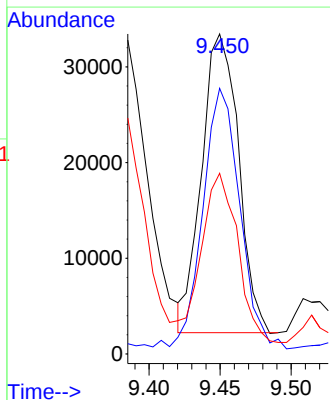
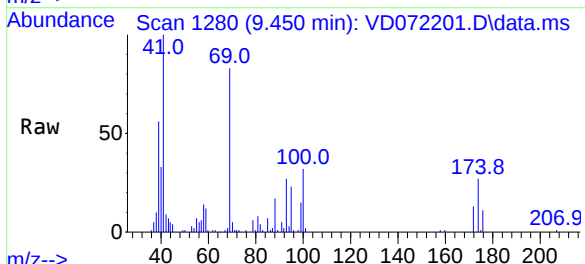
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

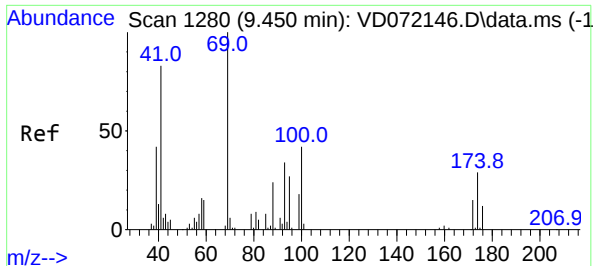
Tgt Ion: 83 Resp: 164283
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.0
127 8.4 6.1 9.1



#48
Methyl methacrylate
Concen: 17.951 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 41 Resp: 56358
Ion Ratio Lower Upper
41 100
69 93.7 56.7 85.1#
39 64.3 42.7 64.1#

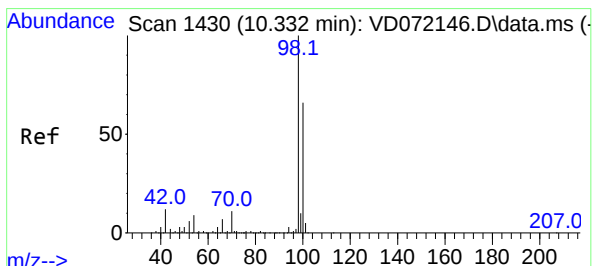
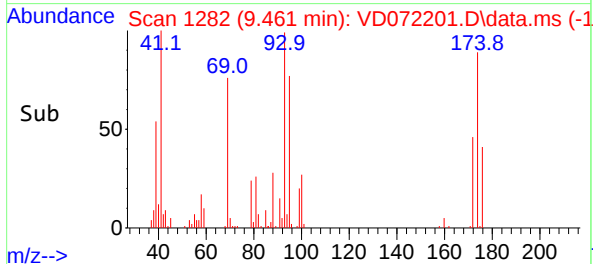
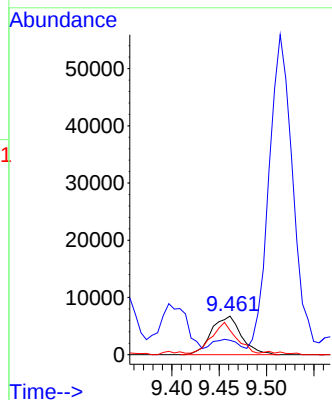
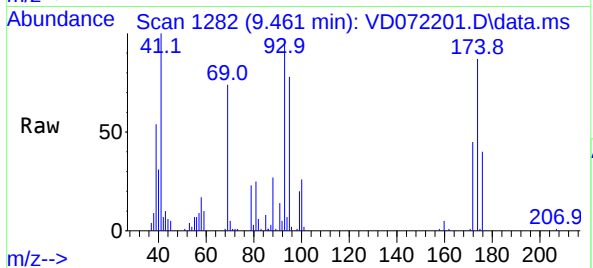




#49
1,4-Dioxane
Concen: 413.176 ug/l
RT: 9.461 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

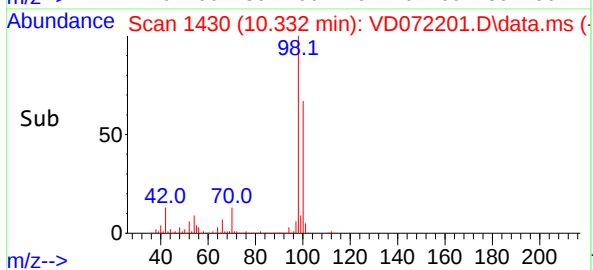
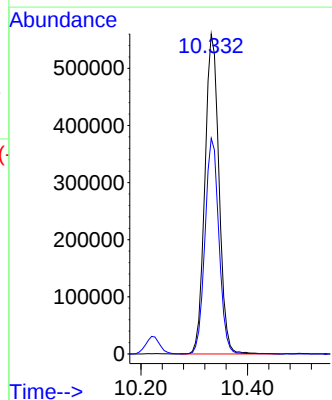
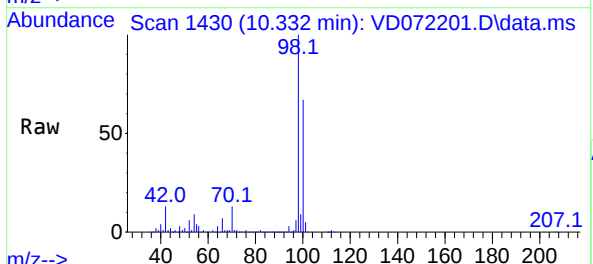
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

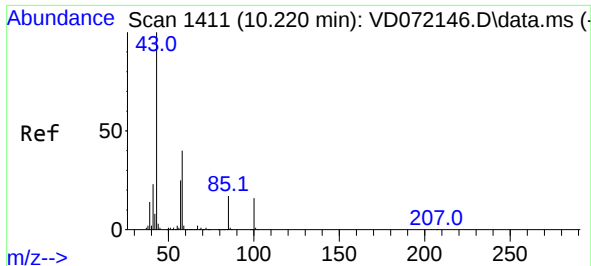
Tgt Ion: 88 Resp: 14747
Ion Ratio Lower Upper
88 100
43 38.5 31.0 46.4
58 65.3 58.1 87.1



#50
Toluene-d8
Concen: 50.945 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 98 Resp: 1026887
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

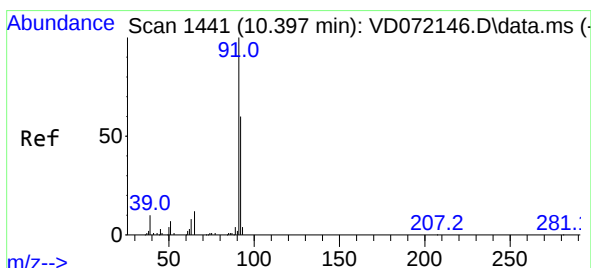
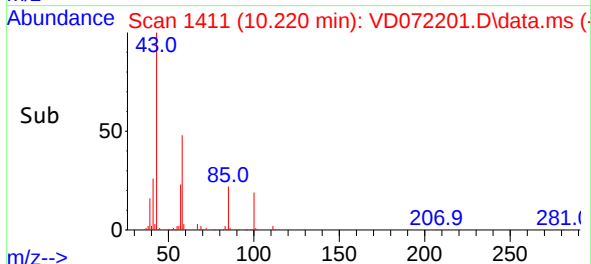
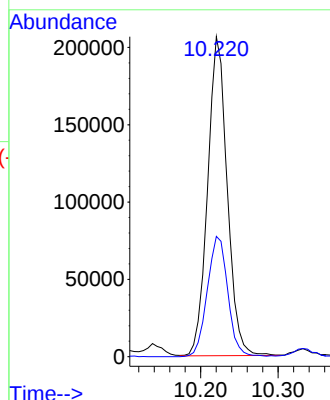
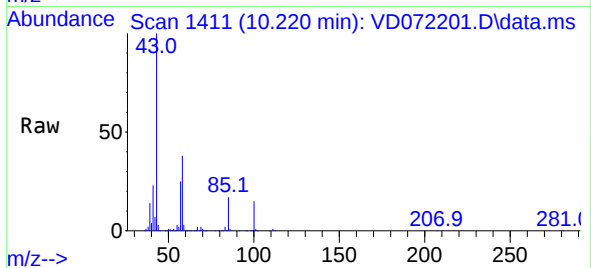




#51
4-Methyl-2-Pentanone
Concen: 104.691 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

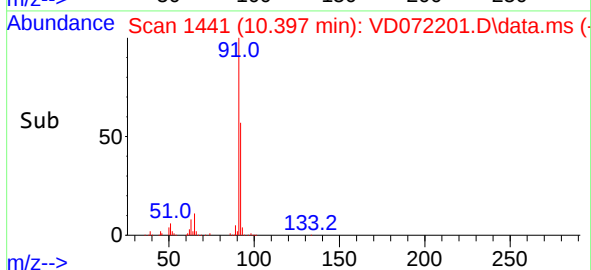
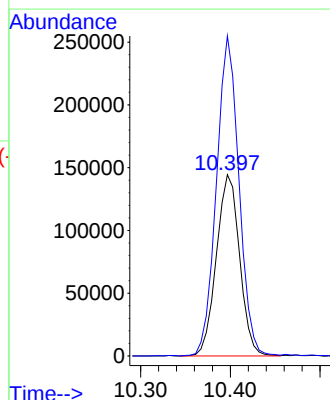
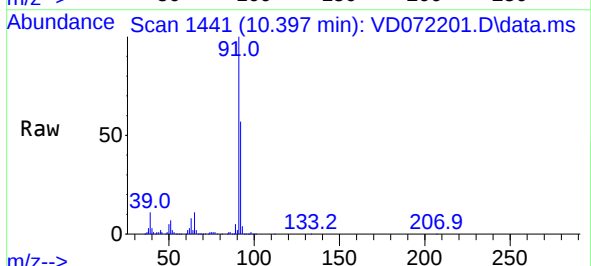
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

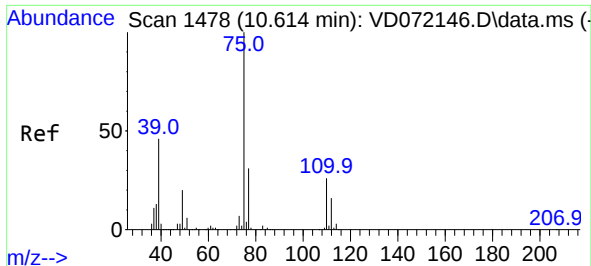
Tgt Ion: 43 Resp: 361538
Ion Ratio Lower Upper
43 100
58 39.6 28.6 43.0



#52
Toluene
Concen: 17.862 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 92 Resp: 259320
Ion Ratio Lower Upper
92 100
91 171.3 139.6 209.4

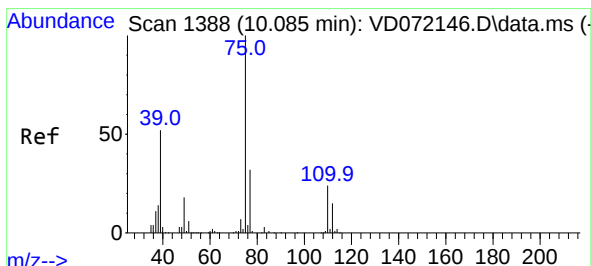
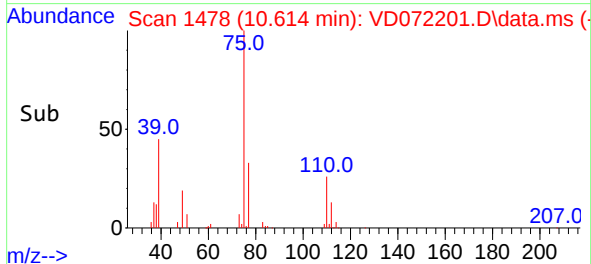
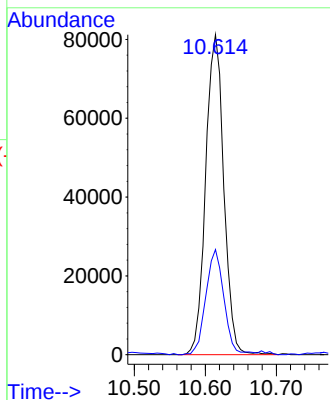
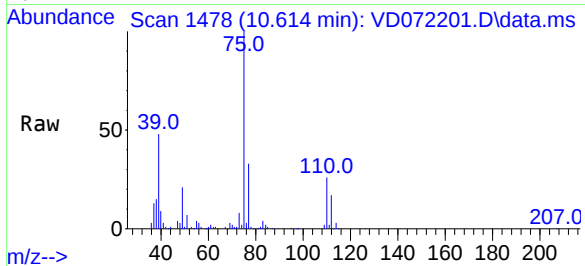




#53
t-1,3-Dichloropropene
Concen: 18.179 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

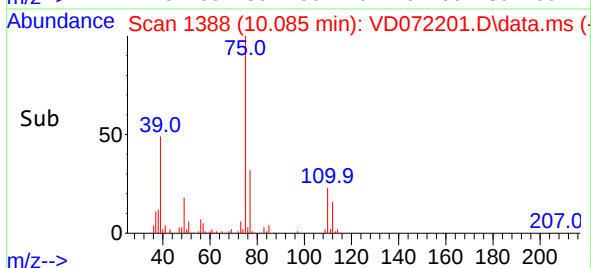
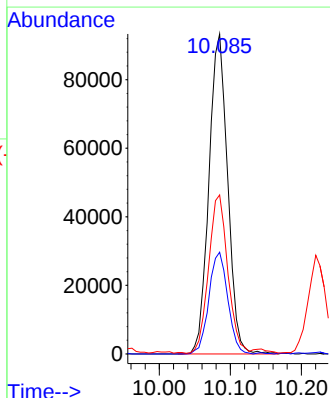
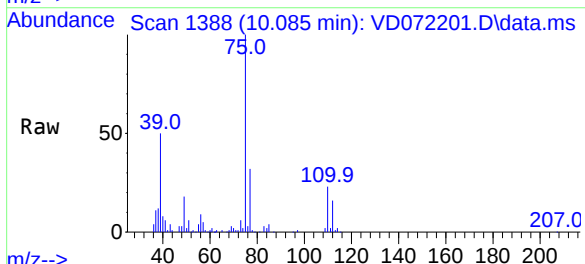
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

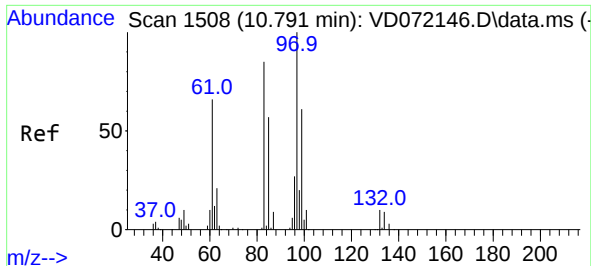
Tgt Ion: 75 Resp: 144114
Ion Ratio Lower Upper
75 100
77 32.9 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 18.621 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 75 Resp: 170645
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 49.4 46.8 70.2



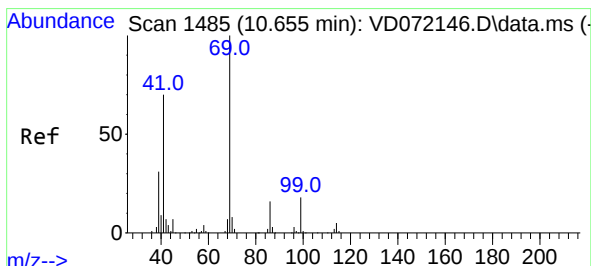
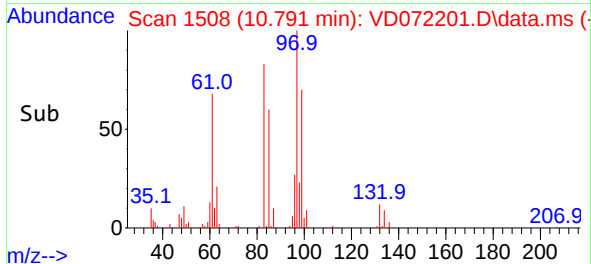
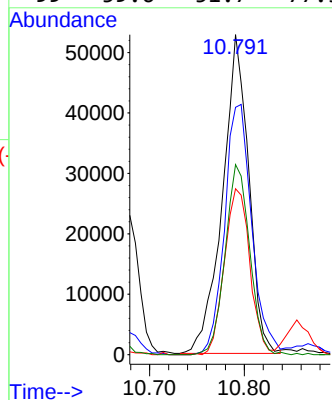
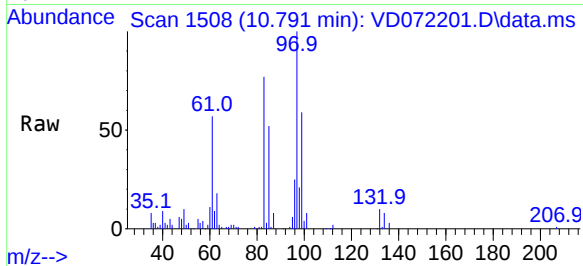


#55
1,1,2-Trichloroethane
Concen: 22.348 ug/l
RT: 10.791 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

Tgt Ion: 97 Resp: 101325

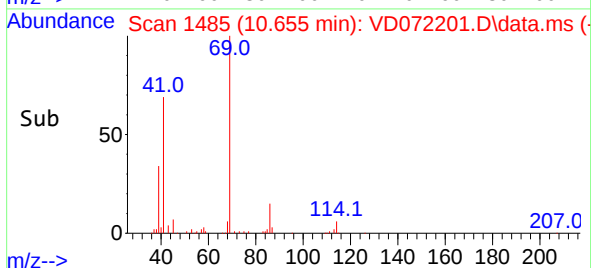
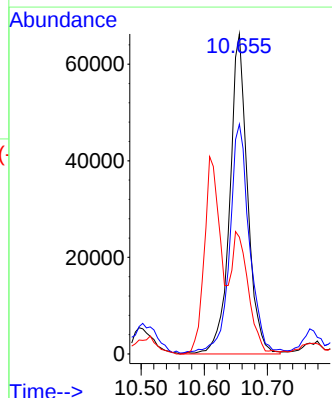
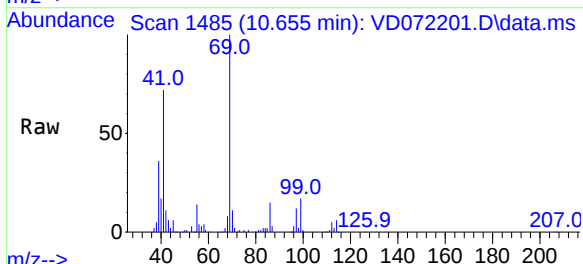
Ion	Ratio	Lower	Upper
97	100		
83	77.6	69.0	103.4
85	52.1	42.6	63.8
99	59.6	51.7	77.5

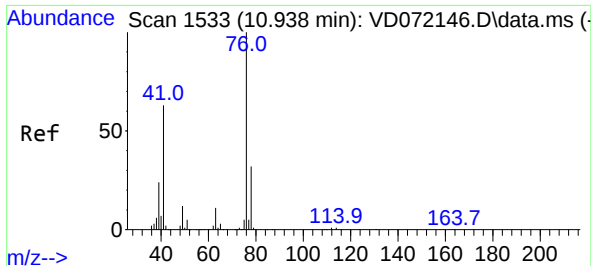


#56
Ethyl methacrylate
Concen: 24.353 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 69 Resp: 129329

Ion	Ratio	Lower	Upper
69	100		
41	79.3	63.0	94.6
39	33.8	33.8	50.8





#57

1,3-Dichloropropane

Concen: 19.735 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Instrument :

MSVOA_D

ClientSampleId :

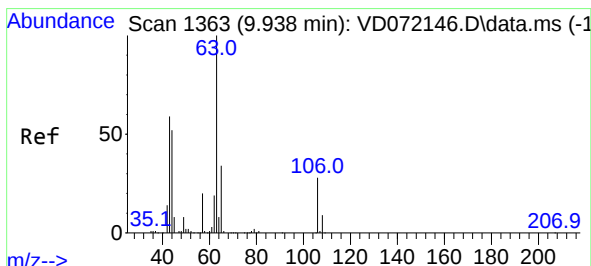
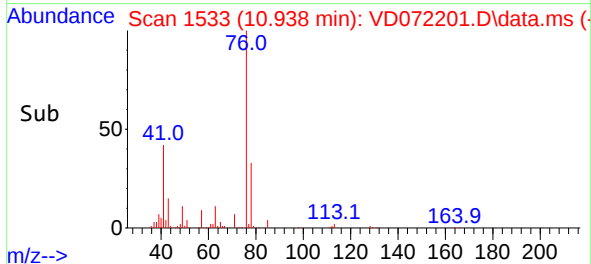
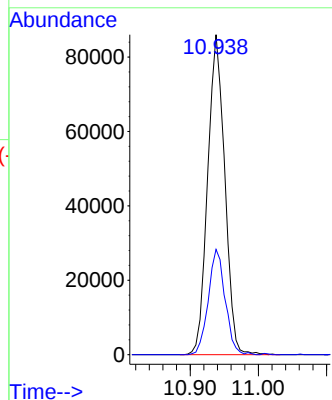
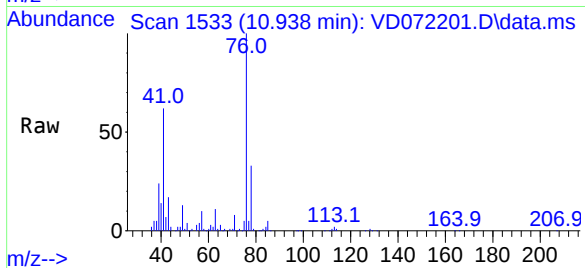
VD0315SBSD01

Tgt Ion: 76 Resp: 150173

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 95.341 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072201.D

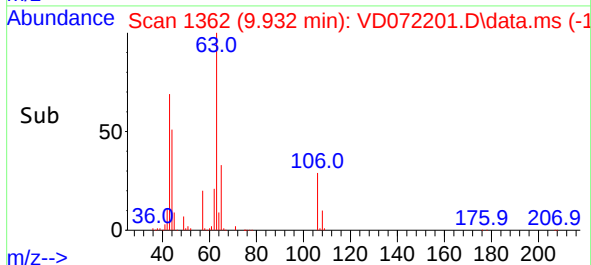
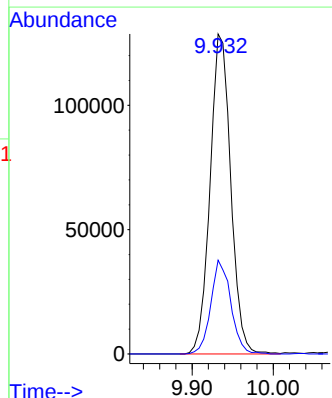
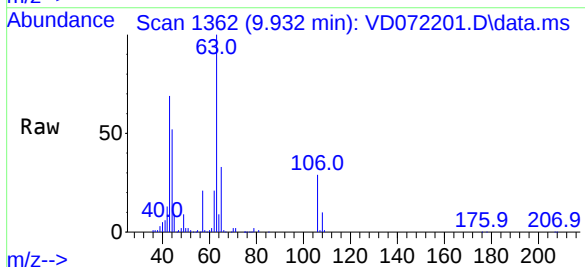
Acq: 15 Mar 2022 21:02

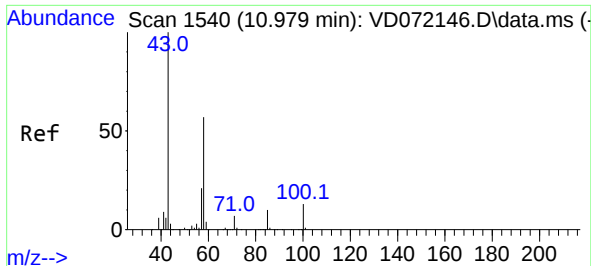
Tgt Ion: 63 Resp: 227660

Ion Ratio Lower Upper

63 100

106 28.4 21.4 32.0

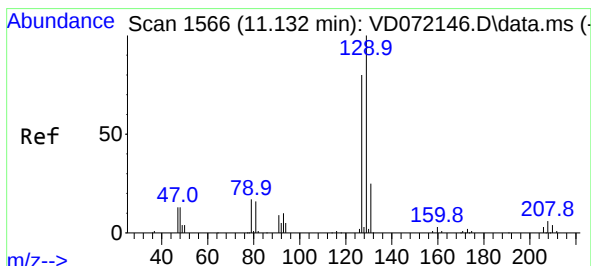
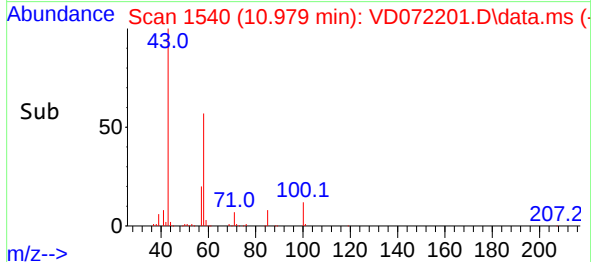
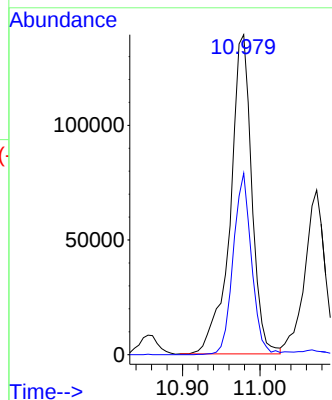
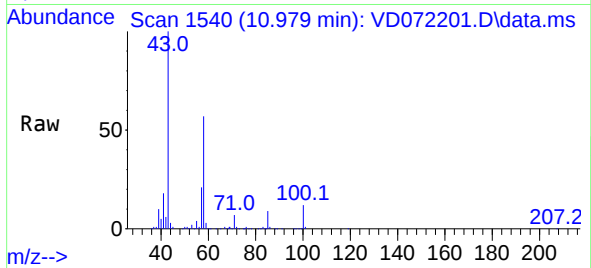




#59
2-Hexanone
Concen: 112.915 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

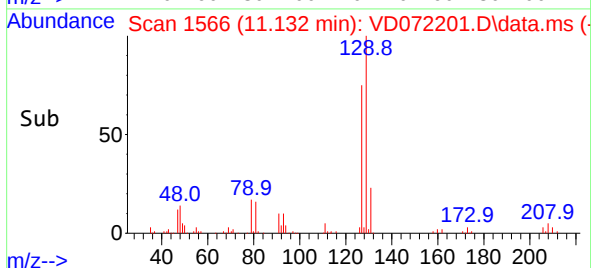
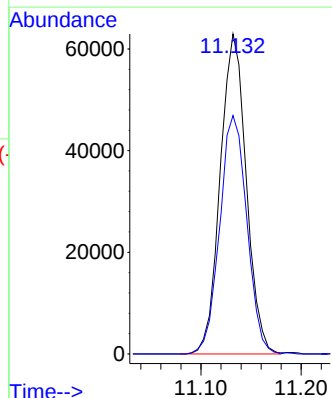
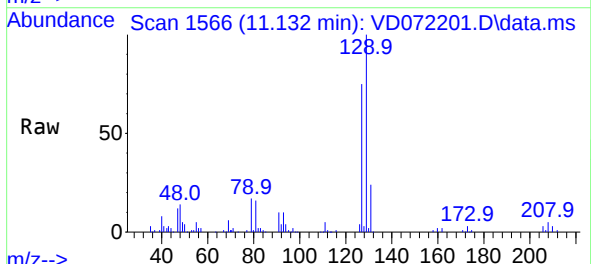
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

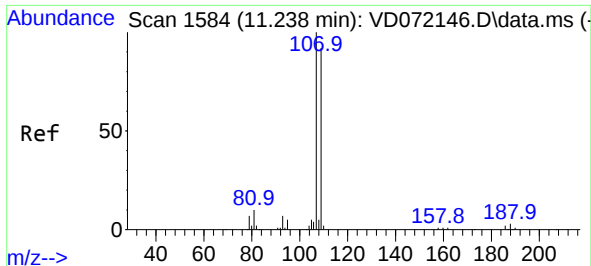
Tgt Ion: 43 Resp: 269321
Ion Ratio Lower Upper
43 100
58 48.7 25.3 75.9



#60
Dibromochloromethane
Concen: 19.276 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 129 Resp: 113407
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6

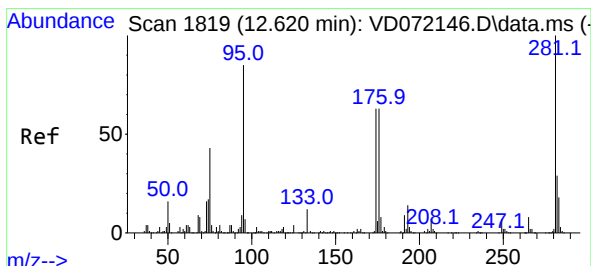
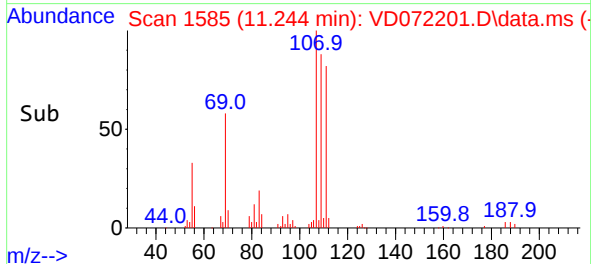
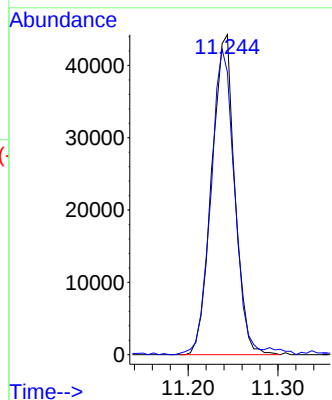
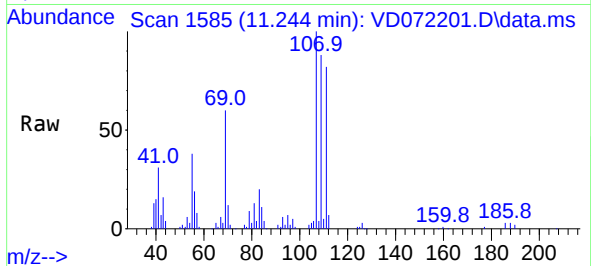




#61
1,2-Dibromoethane
Concen: 19.306 ug/l
RT: 11.244 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

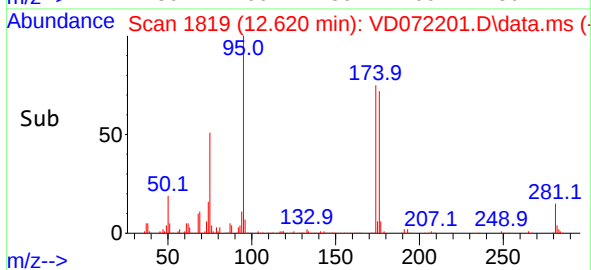
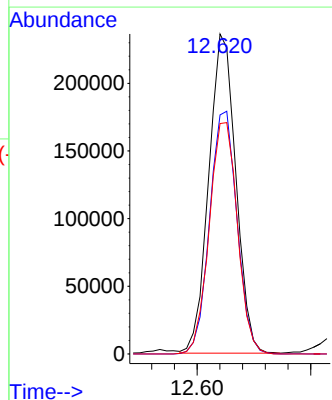
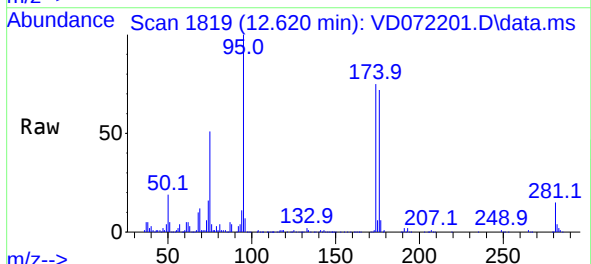
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

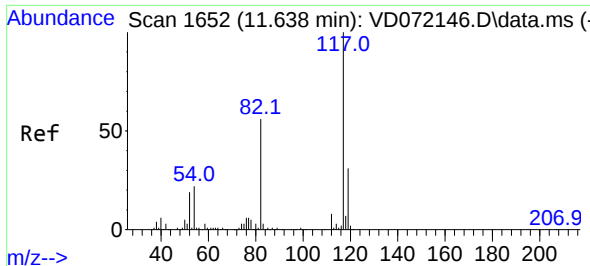
Tgt Ion:107 Resp: 79099
Ion Ratio Lower Upper
107 100
109 97.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.788 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 95 Resp: 389943
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 75.4 0.0 145.4

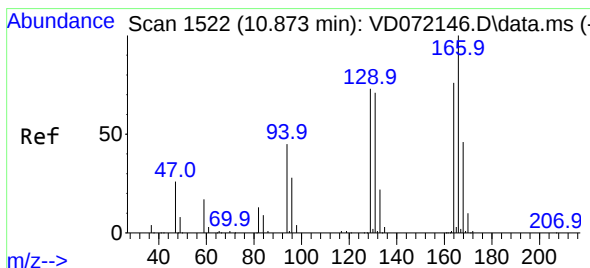
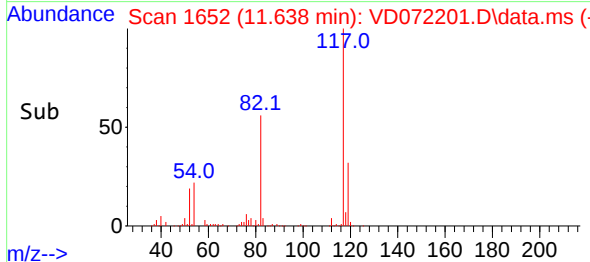
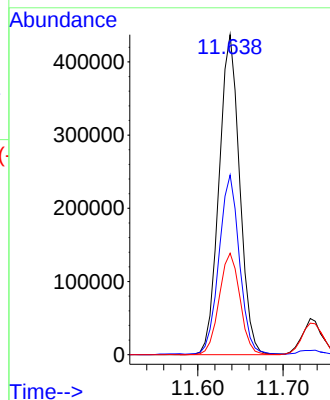
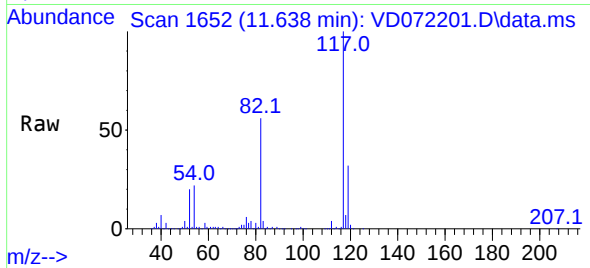




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

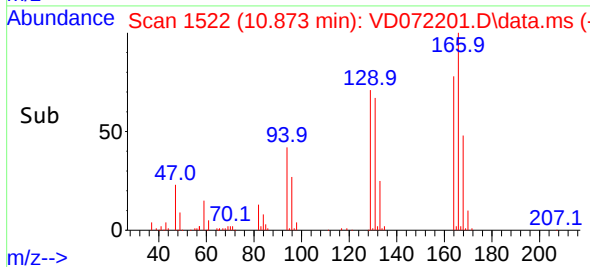
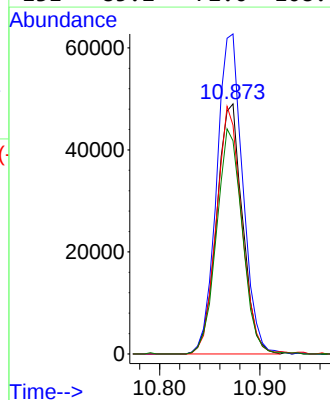
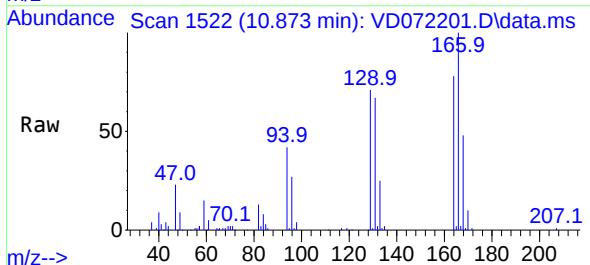
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

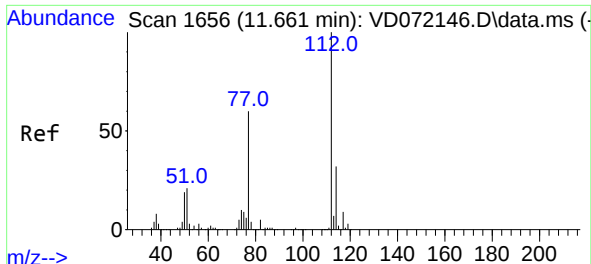
Tgt Ion:117 Resp: 735335
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 31.7 26.6 40.0



#64
Tetrachloroethene
Concen: 16.912 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion:164 Resp: 87619
Ion Ratio Lower Upper
164 100
166 128.0 98.5 147.7
129 91.5 74.6 111.8
131 85.2 72.0 108.0

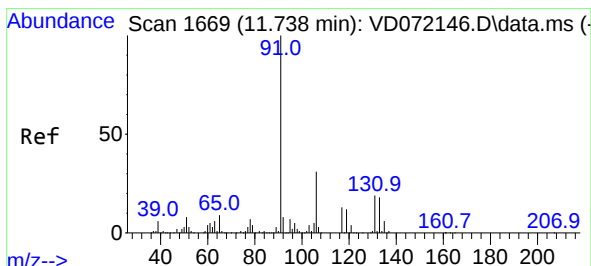
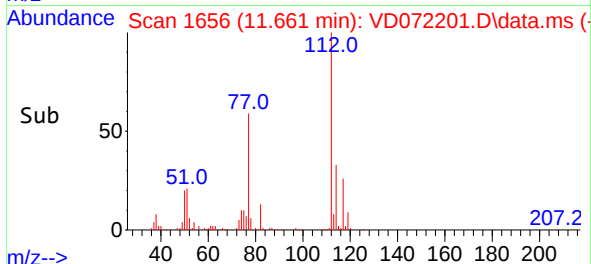
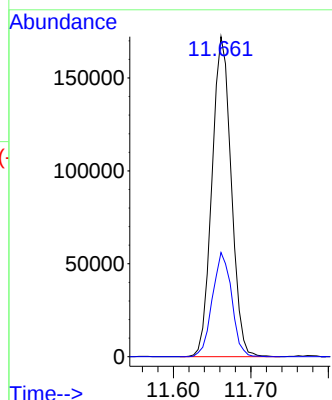
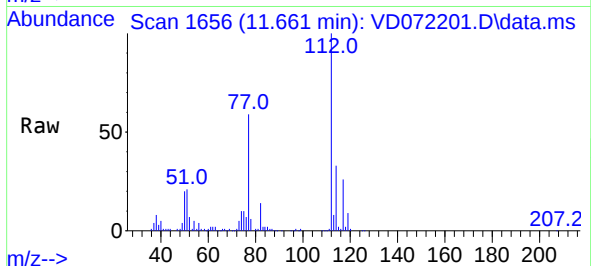




#65
Chlorobenzene
Concen: 18.247 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

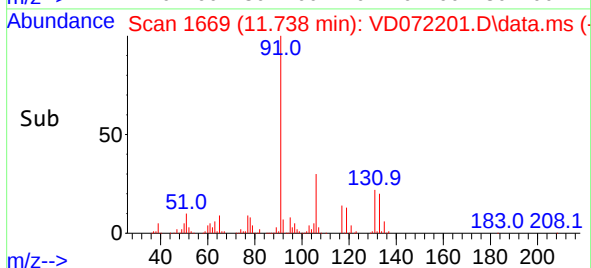
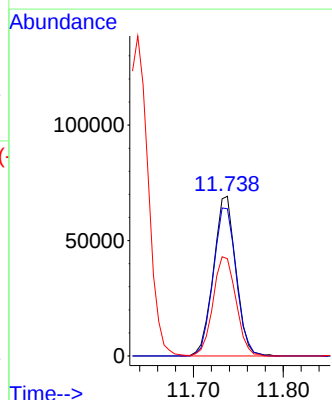
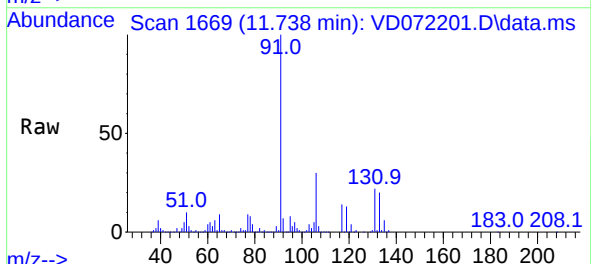
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

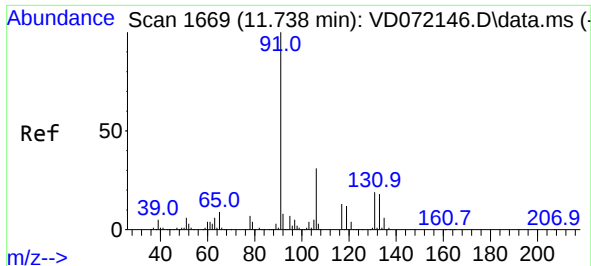
Tgt Ion:112 Resp: 297459
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.701 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion:131 Resp: 120555
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 63.4 31.9 95.9

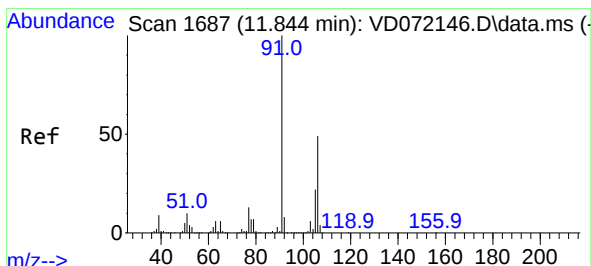
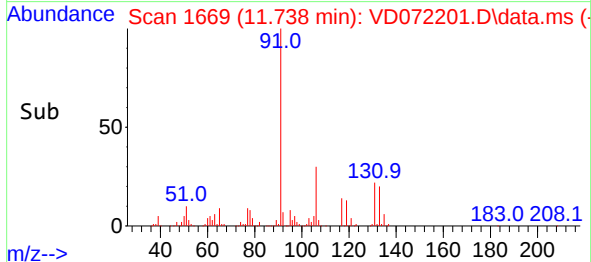
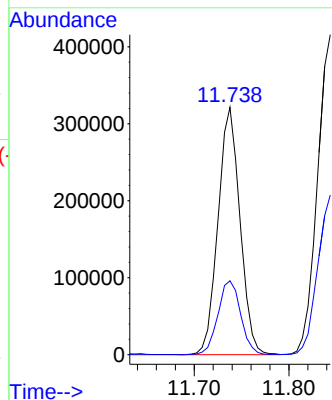
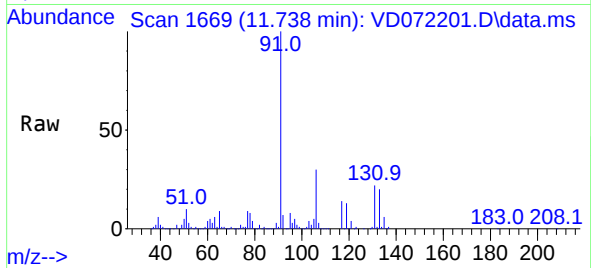




#67
Ethyl Benzene
Concen: 17.821 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

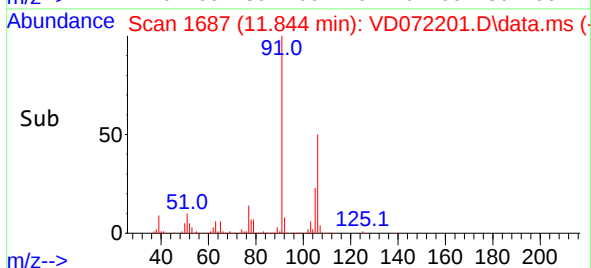
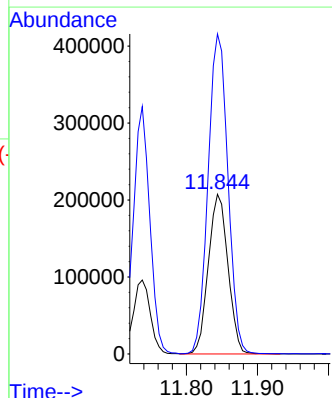
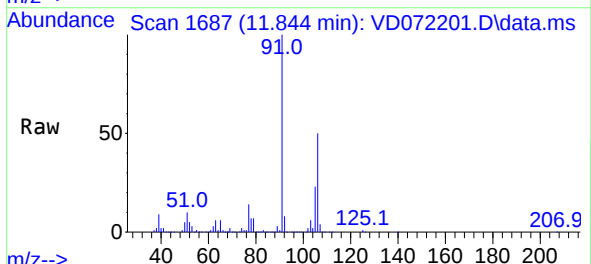
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

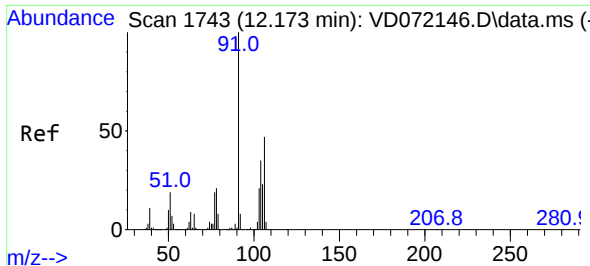
Tgt Ion: 91 Resp: 518888
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4



#68
m/p-Xylenes
Concen: 36.052 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 106 Resp: 398588
Ion Ratio Lower Upper
106 100
91 201.9 163.7 245.5

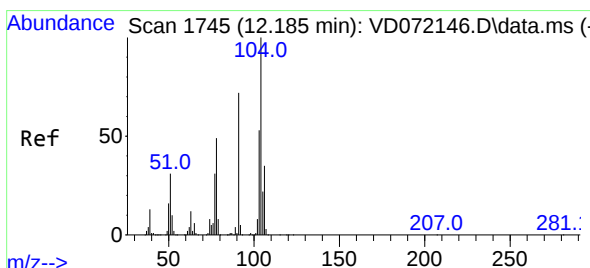
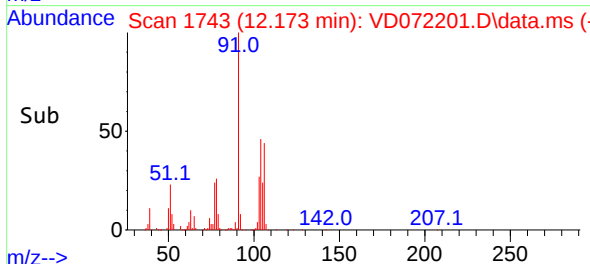
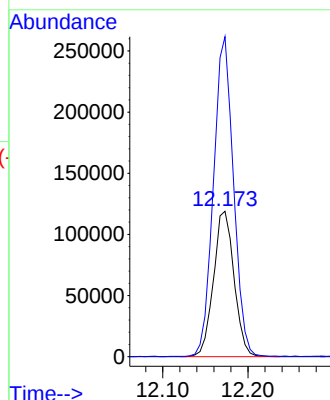
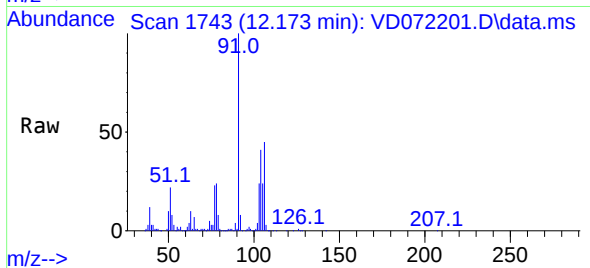




#69
o-Xylene
Concen: 18.852 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

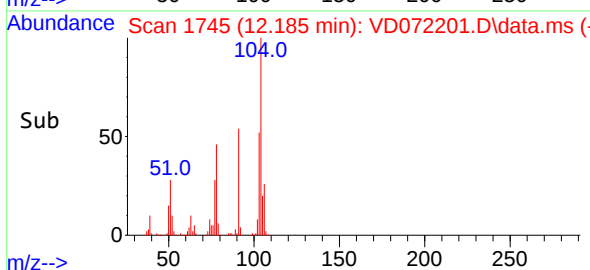
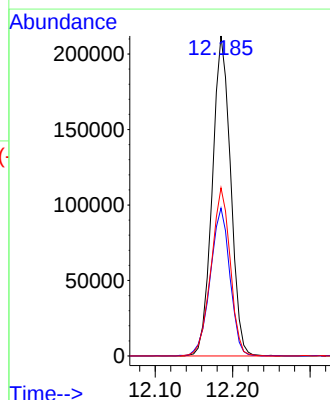
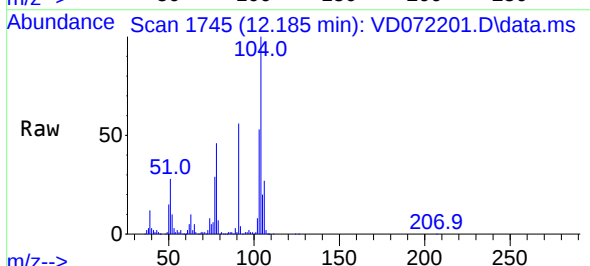
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

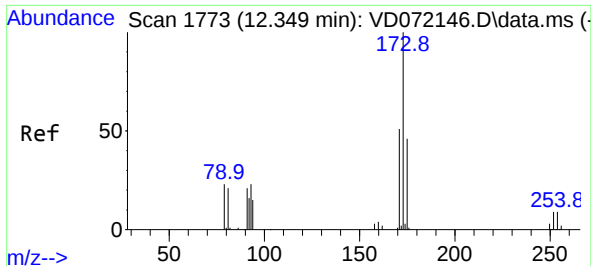
Tgt Ion:106 Resp: 199368
Ion Ratio Lower Upper
106 100
91 215.0 110.4 331.2



#70
Styrene
Concen: 18.858 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion:104 Resp: 348246
Ion Ratio Lower Upper
104 100
78 49.5 41.8 62.8
103 54.7 44.2 66.4

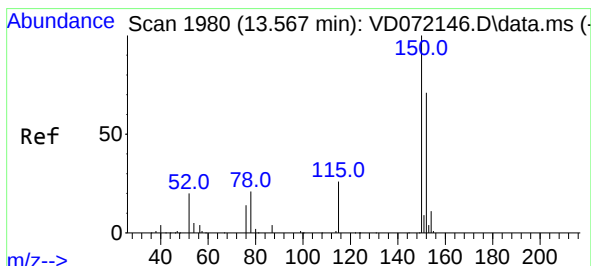
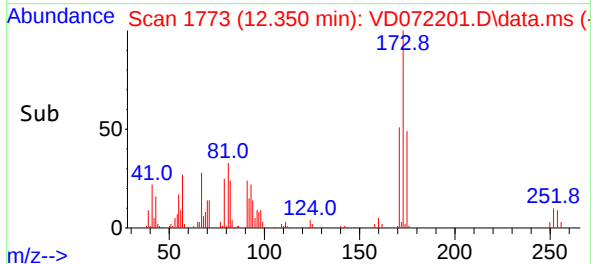
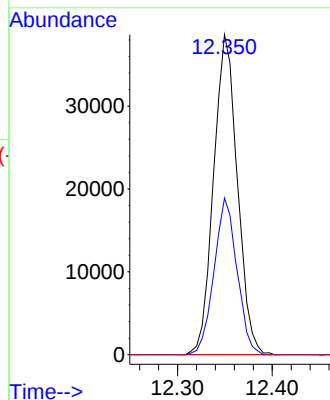
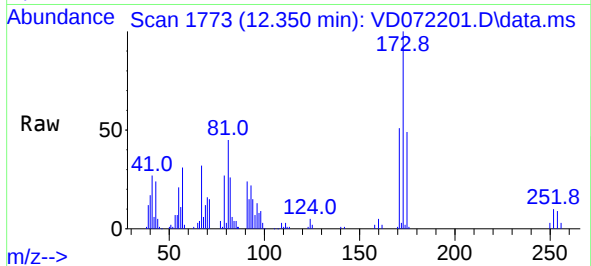




#71
Bromoform
Concen: 19.565 ug/l
RT: 12.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

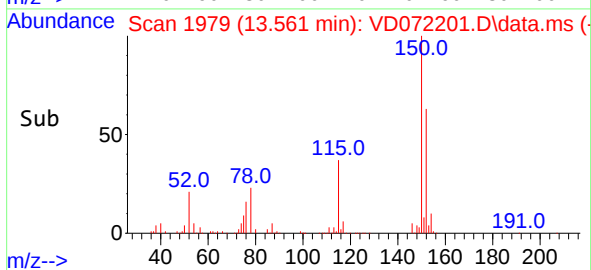
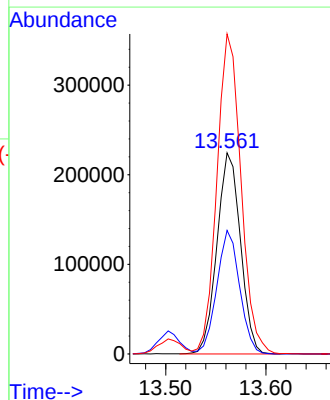
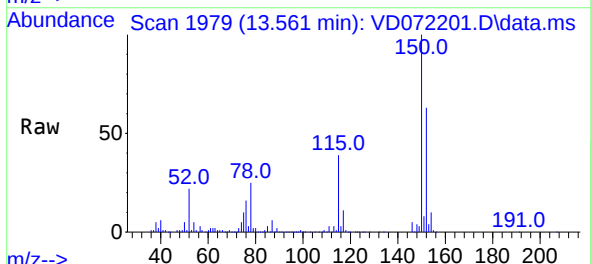
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

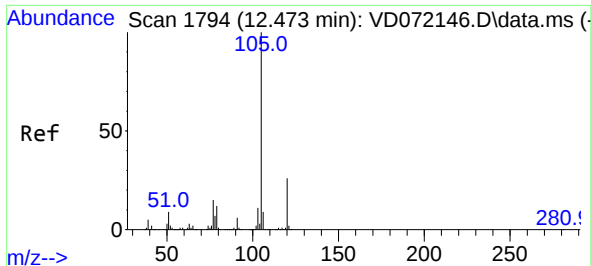
Tgt Ion:173 Resp: 67374
Ion Ratio Lower Upper
173 100
175 47.1 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion:152 Resp: 364976
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 163.2 0.0 348.6

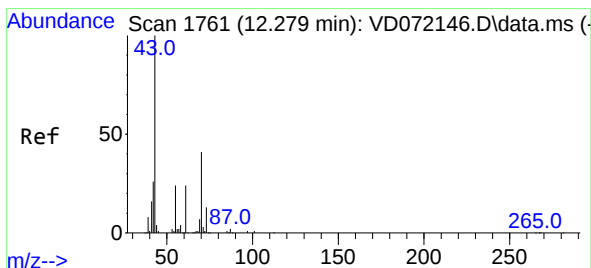
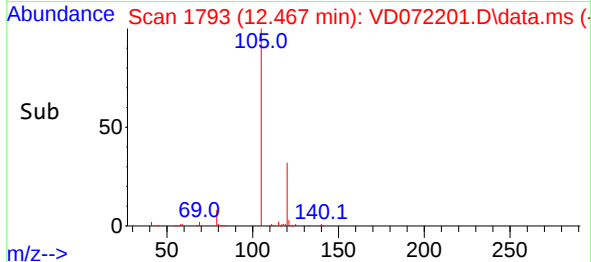
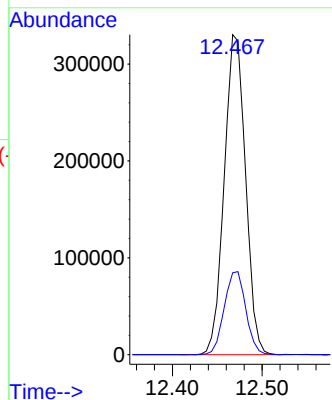
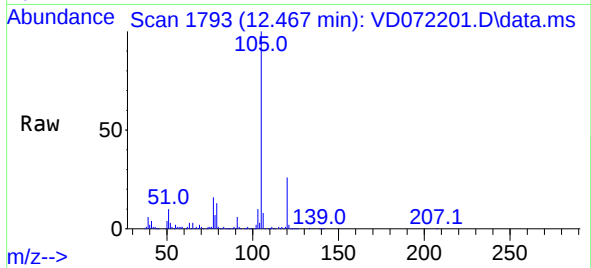




#73
Isopropylbenzene
Concen: 18.852 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

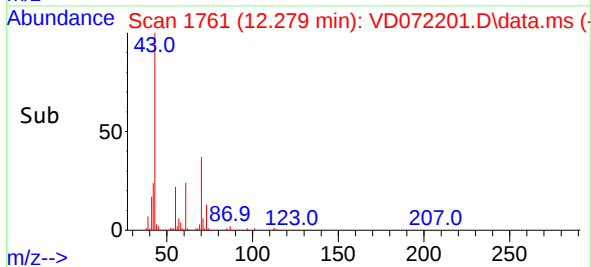
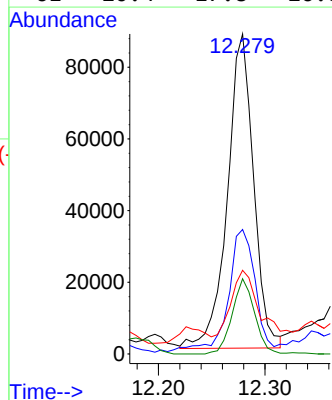
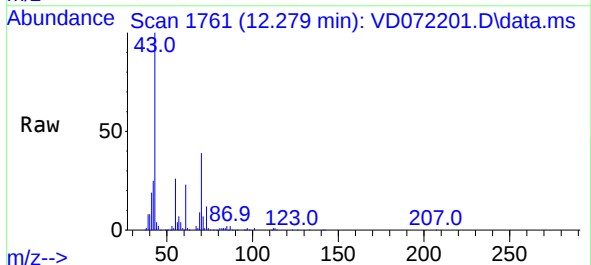
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

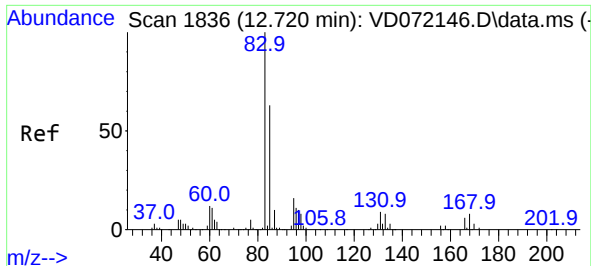
Tgt Ion:105 Resp: 545254
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 24.143 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 43 Resp: 150060
Ion Ratio Lower Upper
43 100
70 40.4 31.3 46.9
55 30.9 20.0 30.0#
61 20.4 17.8 26.8

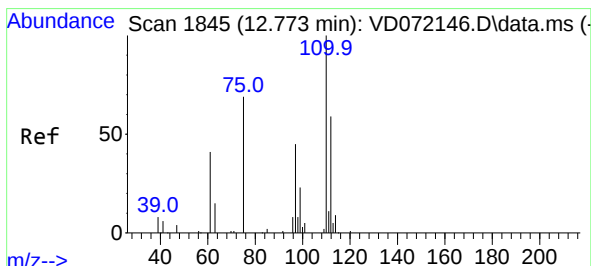
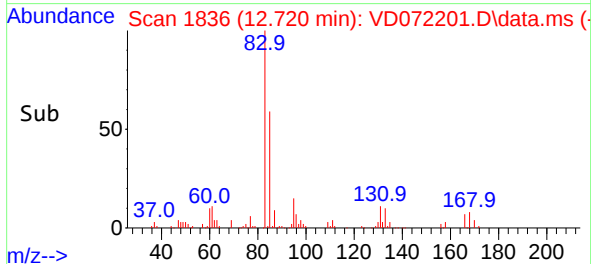
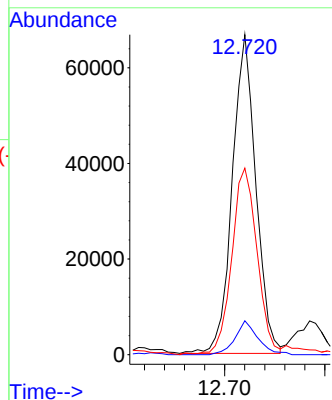
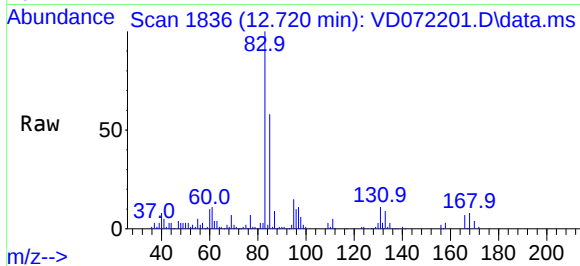




#75
1,1,2,2-Tetrachloroethane
Concen: 21.065 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

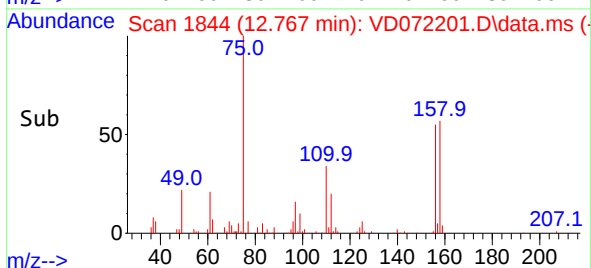
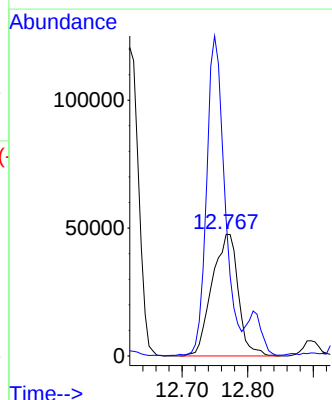
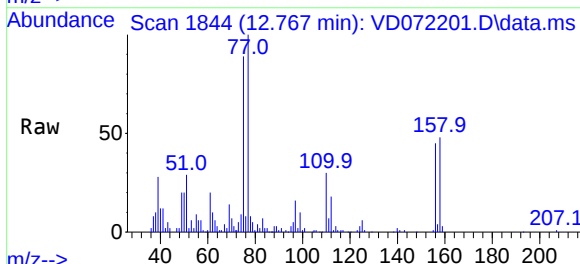
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

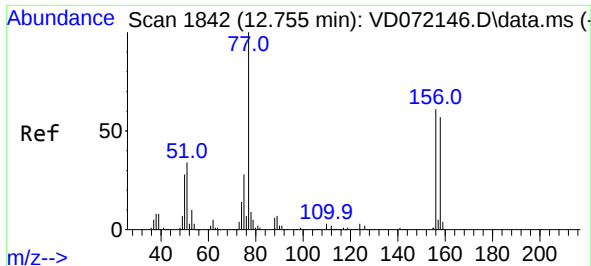
Tgt Ion: 83 Resp: 108963
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 63.0 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 32.712 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 75 Resp: 131697
Ion Ratio Lower Upper
75 100
77 183.9 0.0 0.0#

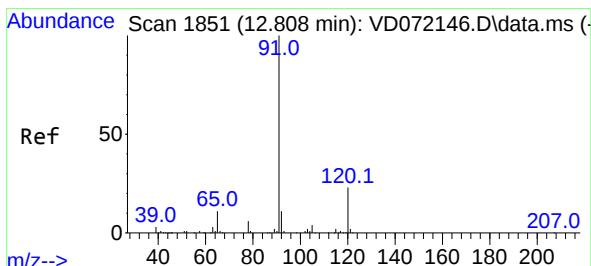
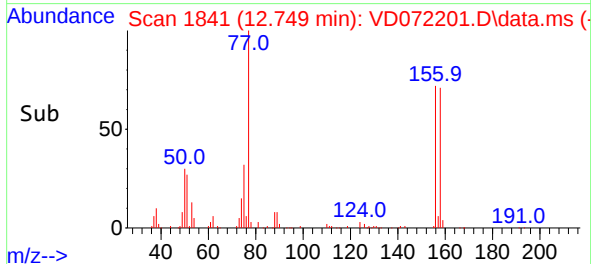
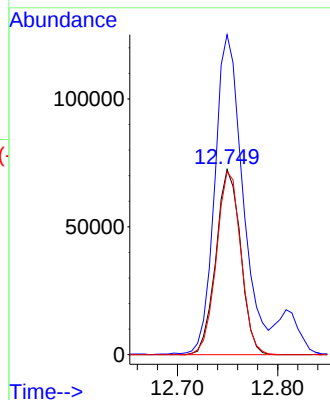
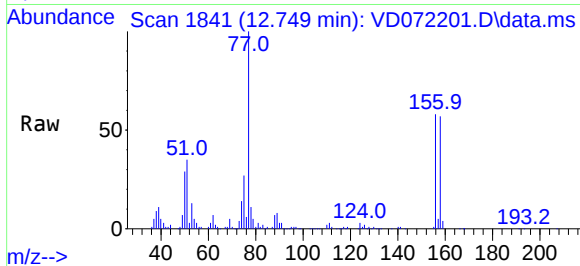




#77
Bromobenzene
Concen: 18.953 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

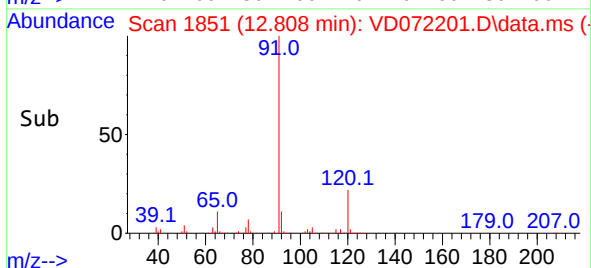
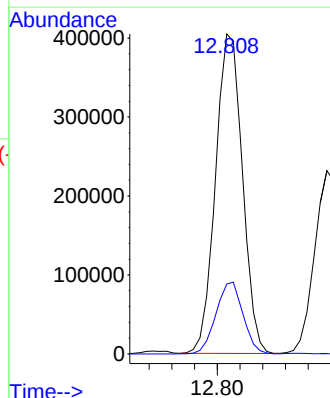
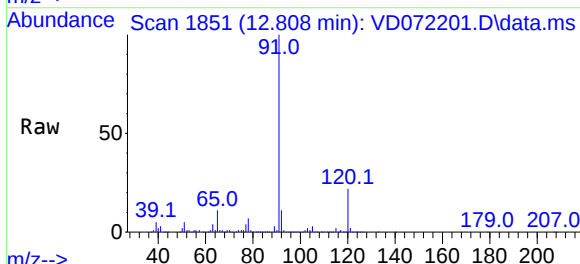
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

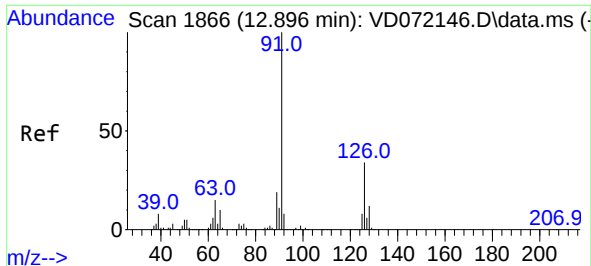
Tgt Ion:156 Resp: 123380
Ion Ratio Lower Upper
156 100
77 196.2 102.8 308.3
158 98.4 48.7 146.1



#78
n-propylbenzene
Concen: 18.940 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 91 Resp: 665393
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9

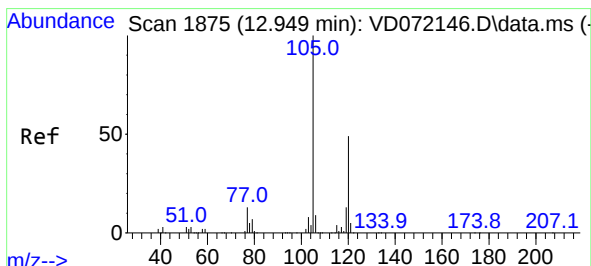
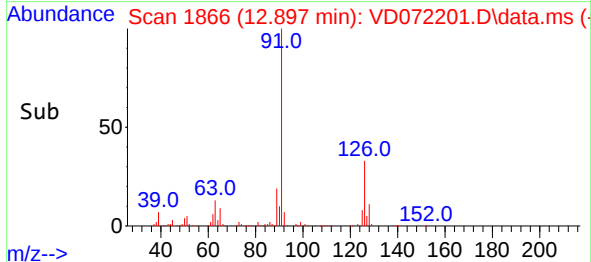
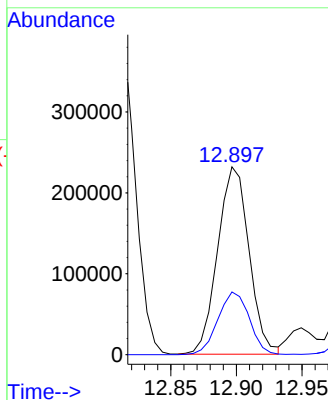
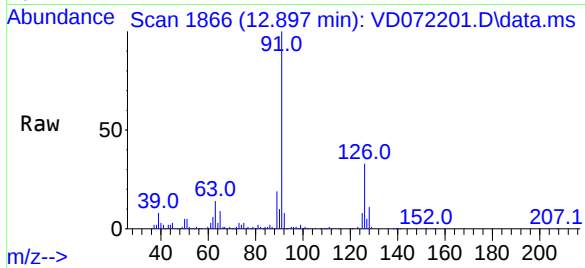




#79
2-Chlorotoluene
Concen: 19.048 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

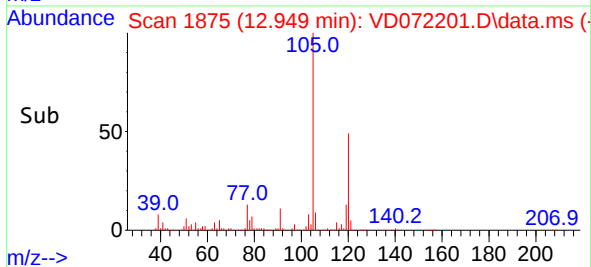
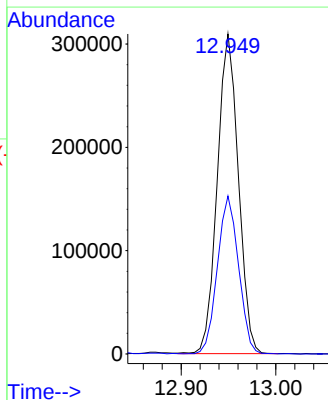
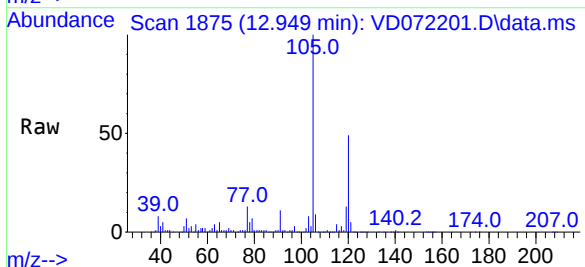
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

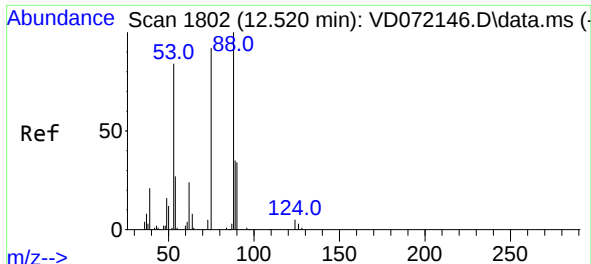
Tgt Ion: 91 Resp: 386951
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 19.298 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 105 Resp: 479512
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8

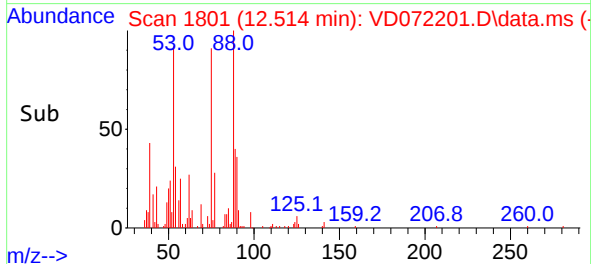
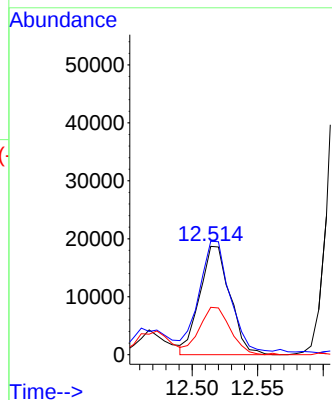
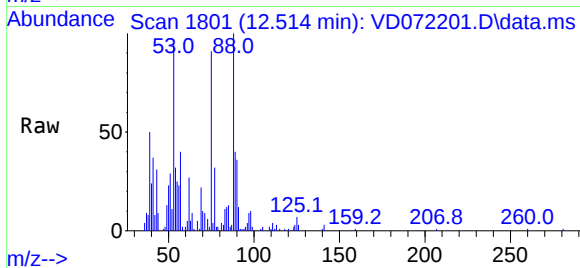




#81
trans-1,4-Dichloro-2-butene
Concen: 18.483 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

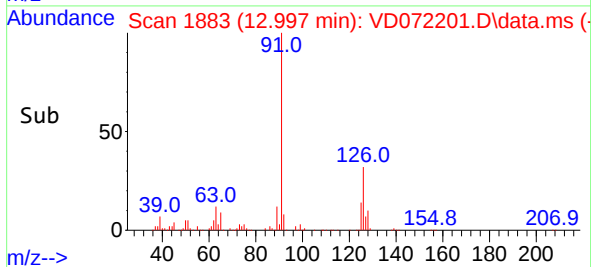
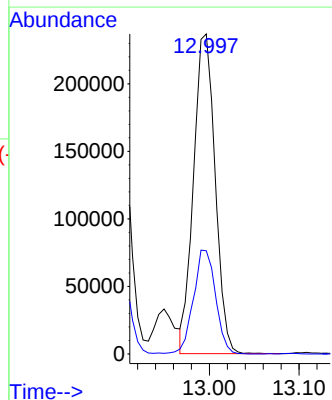
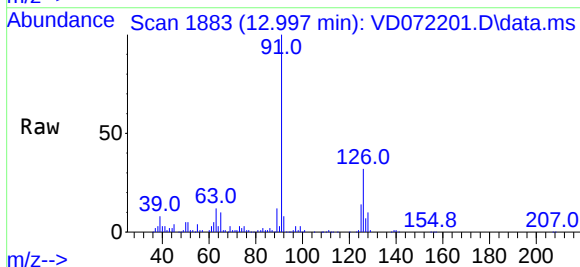
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

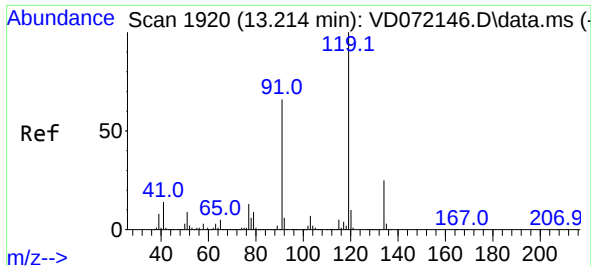
Tgt Ion: 75 Resp: 29991
Ion Ratio Lower Upper
75 100
53 105.9 86.5 129.7
89 44.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 18.771 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 91 Resp: 394828
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5

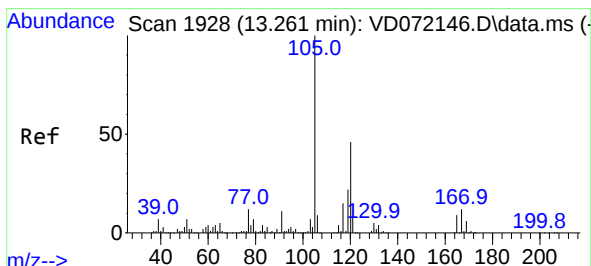
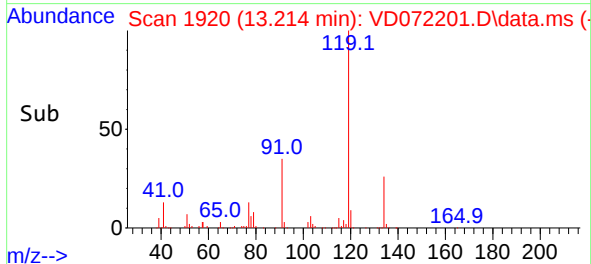
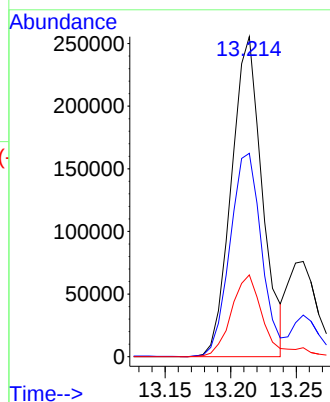
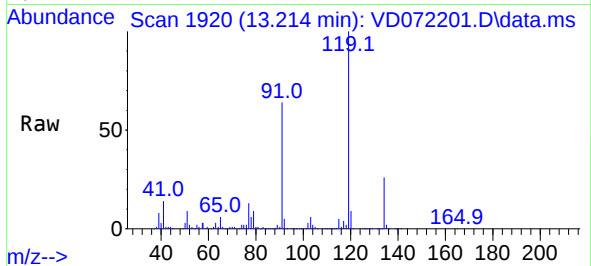




#83
tert-Butylbenzene
Concen: 19.198 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

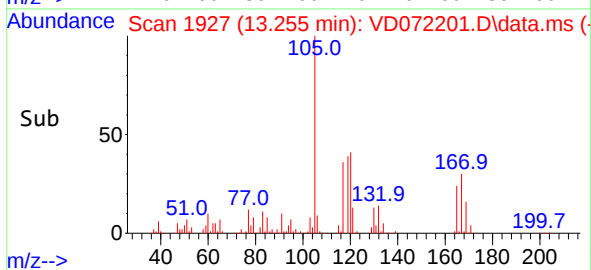
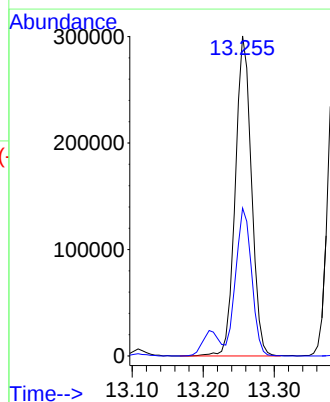
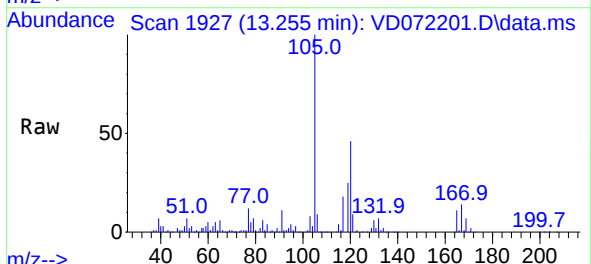
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

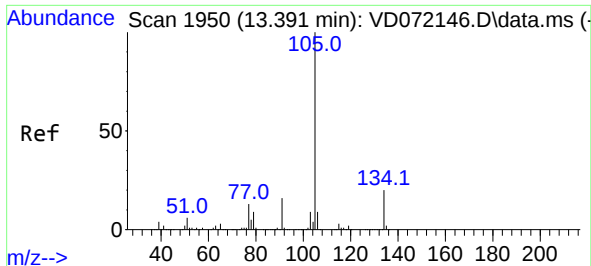
Tgt Ion:119 Resp: 418200
Ion Ratio Lower Upper
119 100
91 65.0 34.8 104.5
134 27.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.443 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion:105 Resp: 476004
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8

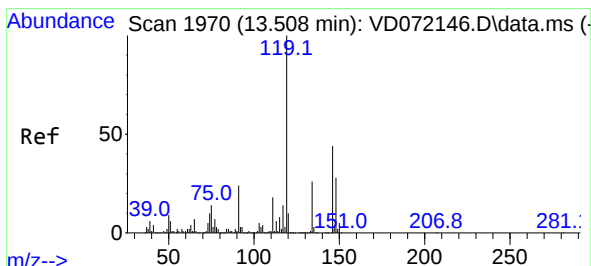
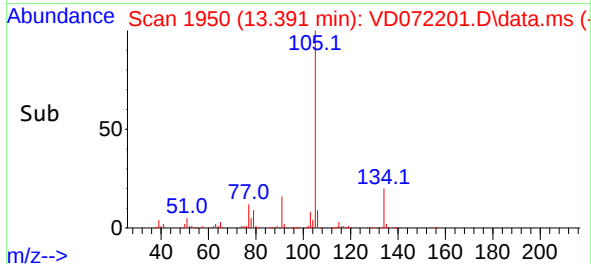
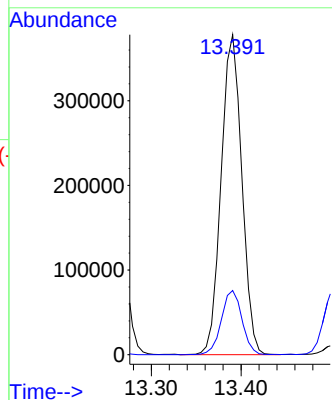
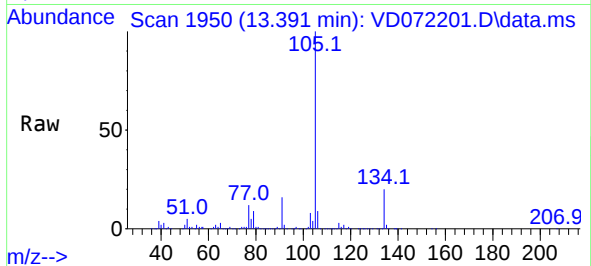




#85
 sec-Butylbenzene
 Concen: 18.491 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072201.D
 Acq: 15 Mar 2022 21:02

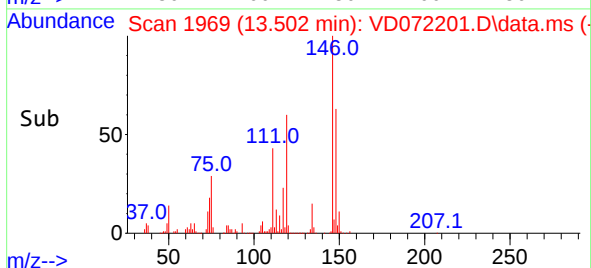
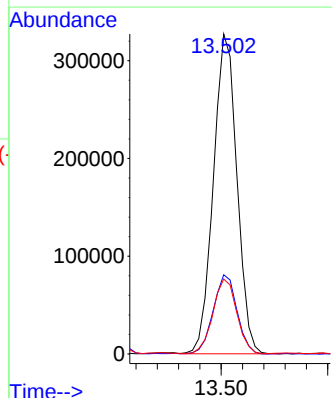
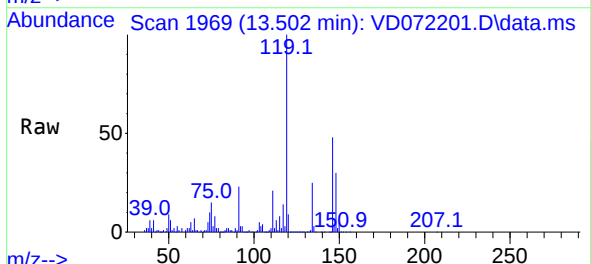
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

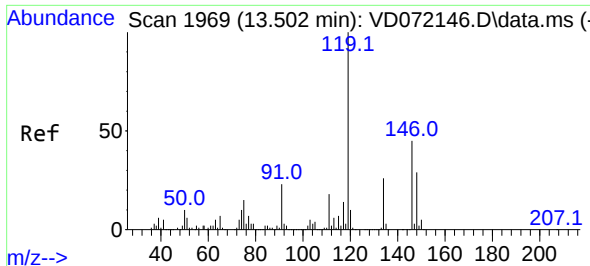
Tgt Ion:105 Resp: 604896
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.597 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072201.D
 Acq: 15 Mar 2022 21:02

Tgt Ion:119 Resp: 500624
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 23.6 12.1 36.3

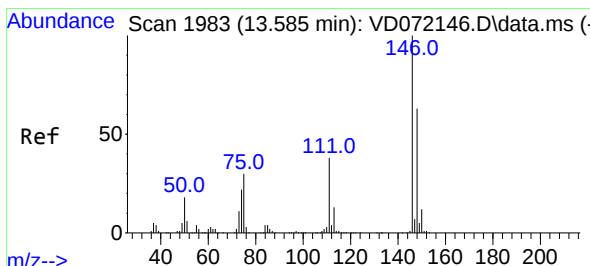
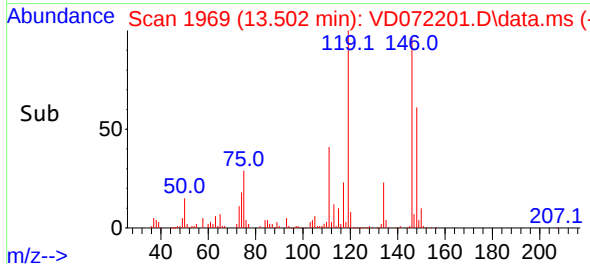
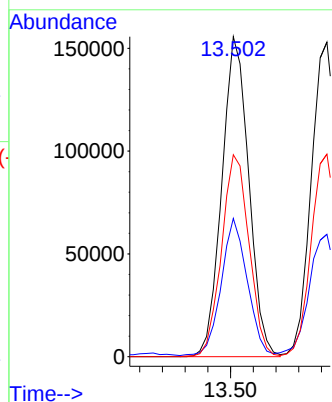
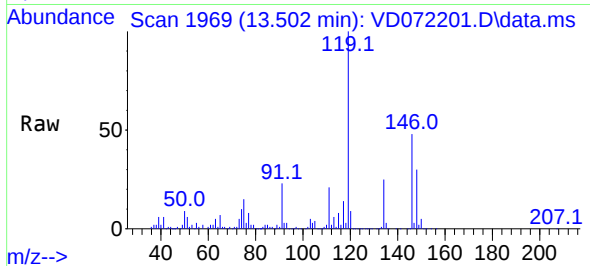




#87
1,3-Dichlorobenzene
Concen: 18.768 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

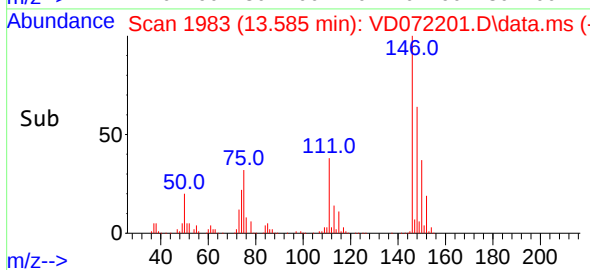
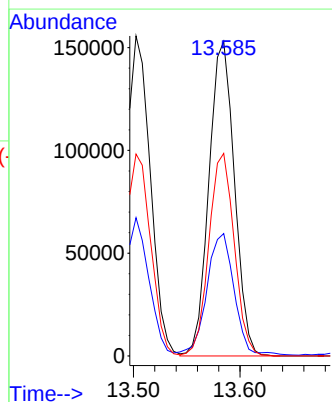
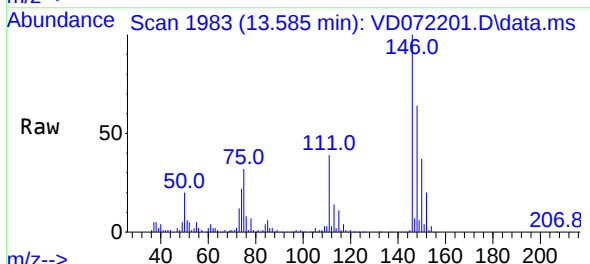
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

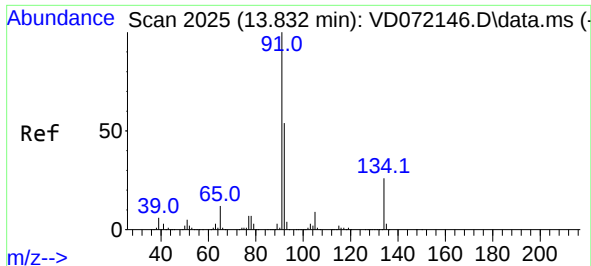
Tgt Ion:146 Resp: 256050
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.3
148 64.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 18.786 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion:146 Resp: 254149
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.9
148 64.3 31.7 95.1

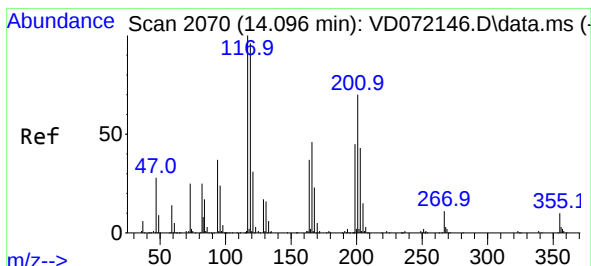
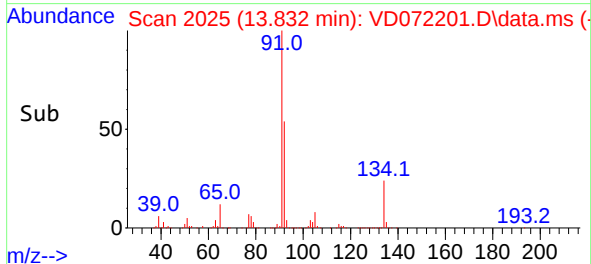
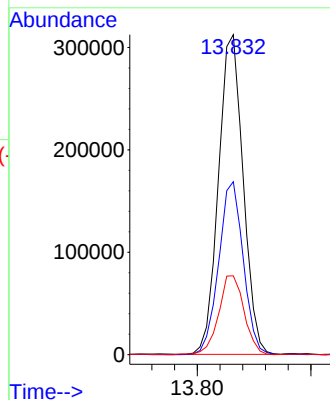
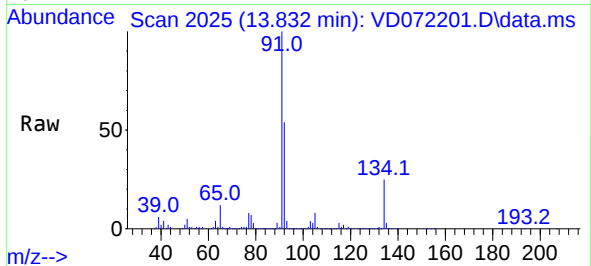




#89
n-Butylbenzene
Concen: 18.390 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

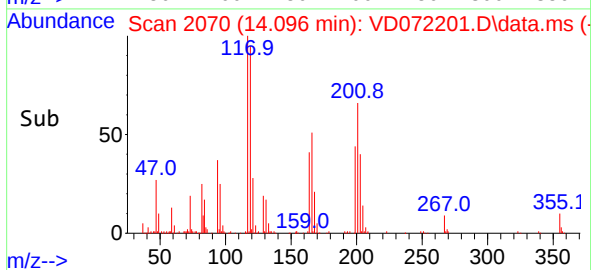
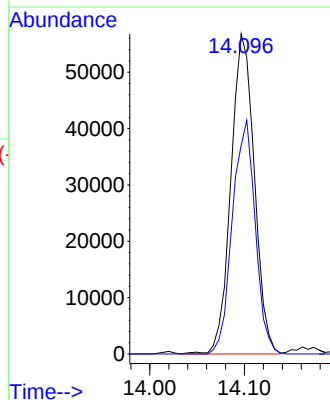
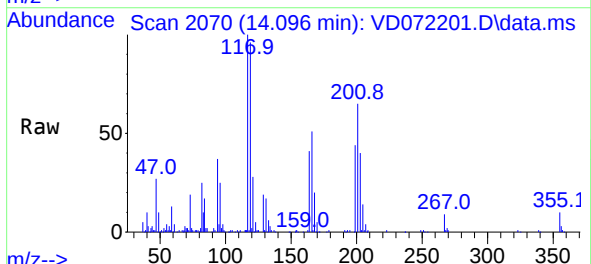
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

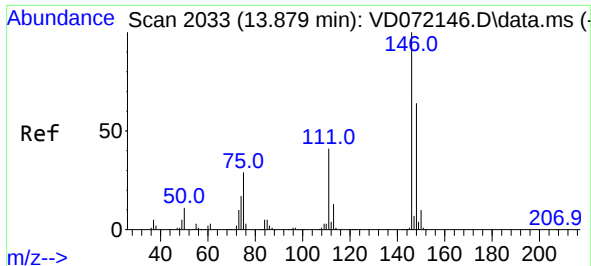
Tgt Ion: 91 Resp: 471854
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 25.5 12.3 36.9



#90
Hexachloroethane
Concen: 18.458 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 117 Resp: 97387
Ion Ratio Lower Upper
117 100
201 71.2 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 19.276 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

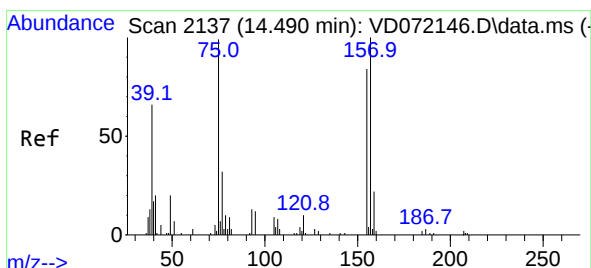
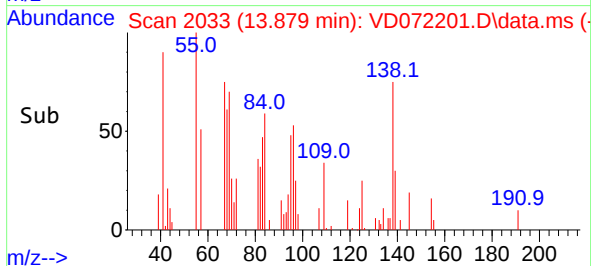
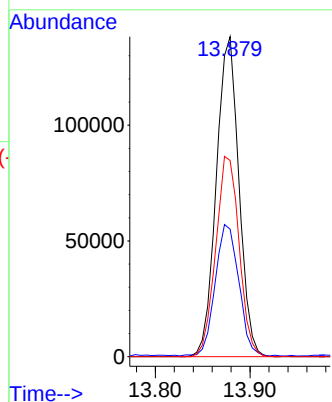
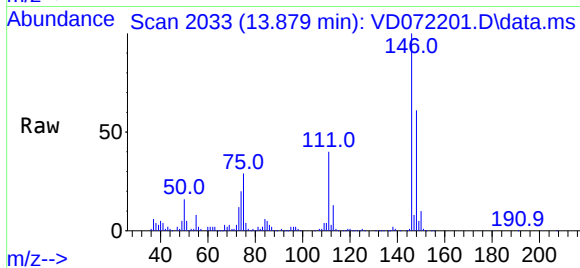
Tgt Ion:146 Resp: 229286

Ion Ratio Lower Upper

146 100

111 42.9 21.1 63.3

148 64.8 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.266 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. -0.006 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

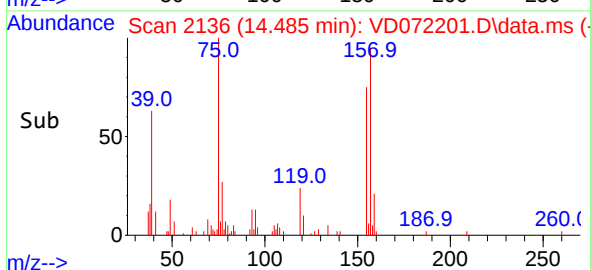
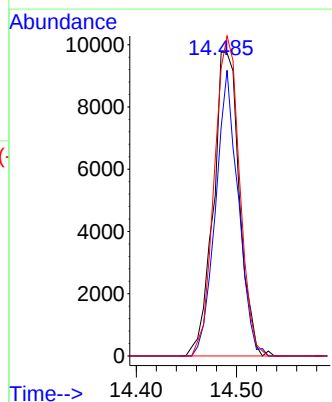
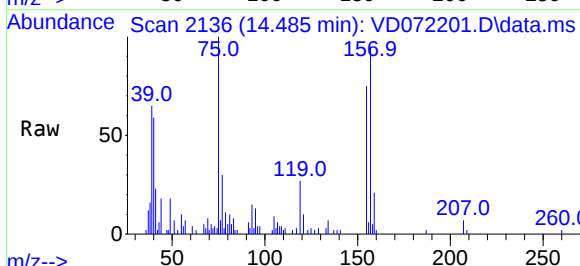
Tgt Ion: 75 Resp: 17556

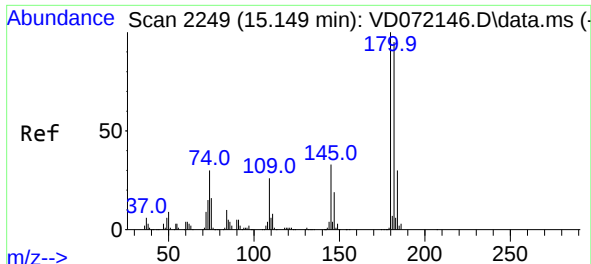
Ion Ratio Lower Upper

75 100

155 81.8 36.8 110.3

157 102.2 48.4 145.0

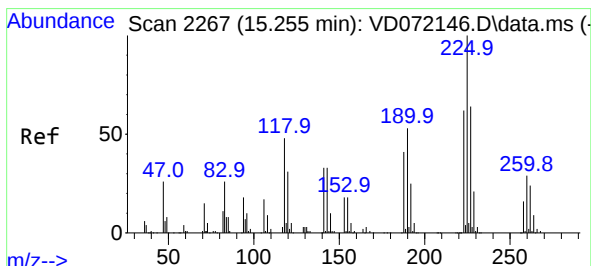
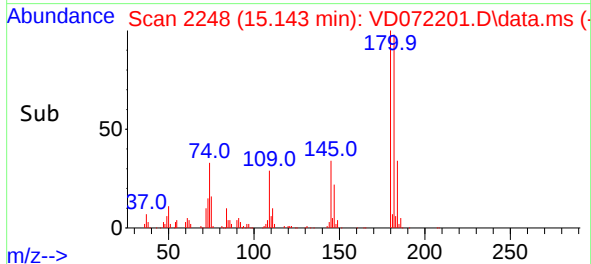
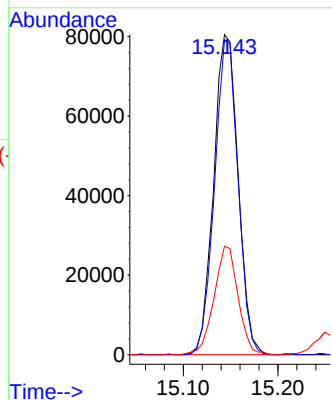
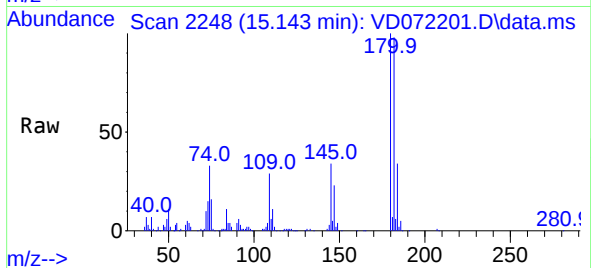




#93
1,2,4-Trichlorobenzene
Concen: 18.324 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

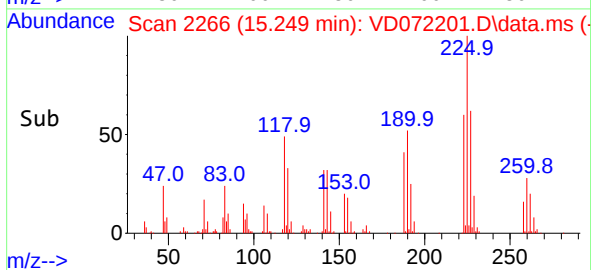
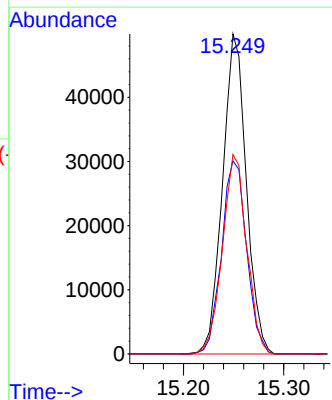
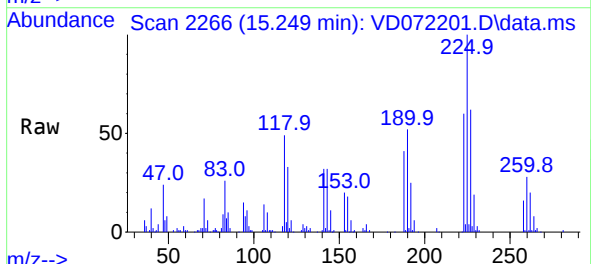
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

Tgt Ion:180 Resp: 144306
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 33.4 16.2 48.5



#94
Hexachlorobutadiene
Concen: 17.894 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion:225 Resp: 81971
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.2
227 63.6 32.4 97.0

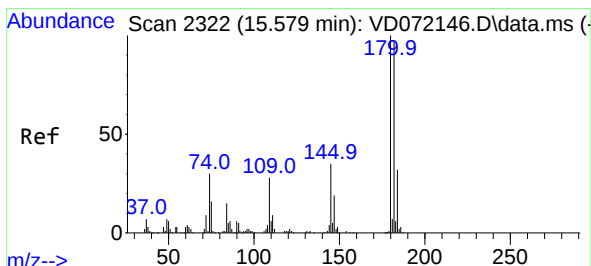
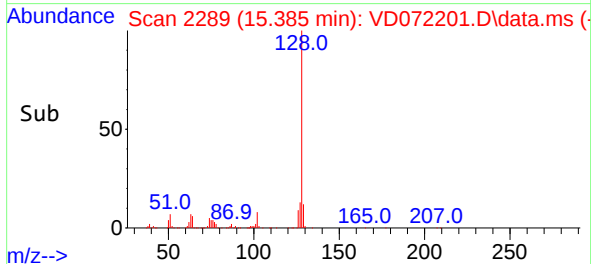
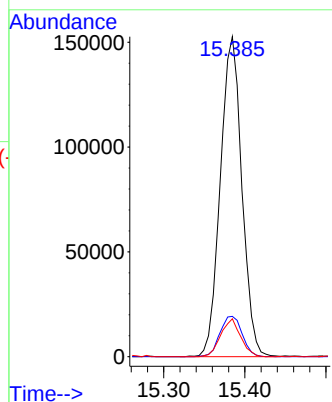
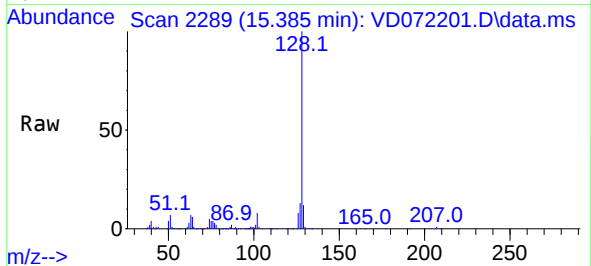




#95
Naphthalene
Concen: 20.749 ug/l
RT: 15.385 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

Tgt Ion:128 Resp: 281674
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.314 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion:180 Resp: 131656
Ion Ratio Lower Upper
180 100
182 92.1 47.6 142.9
145 34.5 17.1 51.3

