

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072213.D
 Acq On : 16 Mar 2022 12:47
 Operator : VA/SY
 Sample : VD0316SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

Quant Time: Mar 16 15:00:05 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	453874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	738107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	694165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	351168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246456	48.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.440%
35) Dibromofluoromethane	7.914	113	243967	46.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.940%
50) Toluene-d8	10.332	98	899808	47.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.620	95	344572	46.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	71489	17.029	ug/l	93
3) Chloromethane	2.209	50	67307	18.043	ug/l	97
4) Vinyl Chloride	2.350	62	63770	17.710	ug/l	97
5) Bromomethane	2.750	94	44482	18.971	ug/l	91
6) Chloroethane	2.915	64	45422	19.079	ug/l	100
7) Trichlorofluoromethane	3.268	101	142401	17.511	ug/l	99
8) Diethyl Ether	3.703	74	42271	18.821	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	94233	18.174	ug/l	95
10) Methyl Iodide	4.297	142	54516	13.440	ug/l	95
11) Tert butyl alcohol	5.209	59	15279	52.097	ug/l #	65
12) 1,1-Dichloroethene	4.062	96	71099	17.044	ug/l	98
13) Acrolein	3.920	56	26720	102.102	ug/l	97
14) Allyl chloride	4.709	41	127961	17.545	ug/l	94
15) Acrylonitrile	5.415	53	122511	108.108	ug/l	96
16) Acetone	4.156	43	110058	100.214	ug/l	95
17) Carbon Disulfide	4.403	76	114717	12.938	ug/l	97
18) Methyl Acetate	4.715	43	69646	25.878	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	234678	20.698	ug/l	94
20) Methylene Chloride	4.962	84	109949	15.837	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	79869	17.311	ug/l	94
22) Diisopropyl ether	6.356	45	343597	20.654	ug/l	94
23) Vinyl Acetate	6.303	43	826672	97.371	ug/l #	93
24) 1,1-Dichloroethane	6.262	63	185654	18.923	ug/l	98
25) 2-Butanone	7.209	43	158208	108.044	ug/l	100
26) 2,2-Dichloropropane	7.203	77	159949	18.069	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	107730	18.289	ug/l	98
28) Bromochloromethane	7.544	49	81662	20.676	ug/l	88
29) Tetrahydrofuran	7.556	42	94250	109.463	ug/l	95
30) Chloroform	7.708	83	204680	19.583	ug/l	93
31) Cyclohexane	7.979	56	133252	16.862	ug/l #	89
32) 1,1,1-Trichloroethane	7.903	97	169526	18.262	ug/l	96
36) 1,1-Dichloropropene	8.108	75	124827	17.131	ug/l	99
37) Ethyl Acetate	7.285	43	64941	20.346	ug/l #	92
38) Carbon Tetrachloride	8.091	117	139920	16.893	ug/l	97
39) Methylcyclohexane	9.350	83	130666	15.936	ug/l	99
40) Benzene	8.344	78	374561	18.018	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072213.D
 Acq On : 16 Mar 2022 12:47
 Operator : VA/SY
 Sample : VD0316SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

Quant Time: Mar 16 15:00:05 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)
41) Methacrylonitrile	7.514	41	46534	25.013	ug/l	96
42) 1,2-Dichloroethane	8.420	62	122359	19.403	ug/l	96
43) Isopropyl Acetate	8.444	43	129626	20.923	ug/l	95
44) Trichloroethene	9.108	130	104237	17.861	ug/l	91
45) 1,2-Dichloropropane	9.379	63	108875	19.097	ug/l	96
46) Dibromomethane	9.473	93	53152	18.953	ug/l	92
47) Bromodichloromethane	9.655	83	160230	19.599	ug/l	99
48) Methyl methacrylate	9.455	41	55680	18.822	ug/l #	79
49) 1,4-Dioxane	9.455	88	14040	417.485	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	357130	109.755	ug/l	96
52) Toluene	10.397	92	245650	17.958	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	145064	19.421	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	164280	19.025	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	87292	20.433	ug/l	94
56) Ethyl methacrylate	10.655	69	101260	20.236	ug/l	89
57) 1,3-Dichloropropane	10.938	76	143860	20.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	212463	94.432	ug/l	95
59) 2-Hexanone	10.979	43	249046	110.817	ug/l	97
60) Dibromochloromethane	11.132	129	110183	19.876	ug/l	99
61) 1,2-Dibromoethane	11.238	107	74907	19.404	ug/l	95
64) Tetrachloroethene	10.867	164	86065	17.597	ug/l	97
65) Chlorobenzene	11.661	112	286458	18.614	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	116394	19.126	ug/l	98
67) Ethyl Benzene	11.738	91	499537	18.174	ug/l	99
68) m/p-Xylenes	11.844	106	376667	36.090	ug/l	100
69) o-Xylene	12.173	106	186323	18.664	ug/l	95
70) Styrene	12.185	104	328413	18.839	ug/l	97
71) Bromoform	12.349	173	66664	20.507	ug/l #	99
73) Isopropylbenzene	12.467	105	518607	18.636	ug/l	100
74) N-amyl acetate	12.279	43	129039	21.577	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	103562	20.808	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	126810	32.736	ug/l #	100
77) Bromobenzene	12.749	156	120098	19.174	ug/l	94
78) n-propylbenzene	12.808	91	629584	18.626	ug/l	98
79) 2-Chlorotoluene	12.896	91	374881	19.180	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	461920	19.321	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	29728	19.041	ug/l	95
82) 4-Chlorotoluene	12.996	91	391621	19.351	ug/l	100
83) tert-Butylbenzene	13.214	119	395233	18.857	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	456801	19.392	ug/l	100
85) sec-Butylbenzene	13.391	105	594793	18.897	ug/l	99
86) p-Isopropyltoluene	13.502	119	485027	18.726	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	249798	19.029	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	251853	19.348	ug/l	100
89) n-Butylbenzene	13.826	91	465906	18.872	ug/l	98
90) Hexachloroethane	14.096	117	93612	18.441	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	224112	19.582	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	16883	21.255	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	145261	19.171	ug/l	99
94) Hexachlorobutadiene	15.249	225	82072	18.620	ug/l	99
95) Naphthalene	15.385	128	259038	19.832	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	127874	19.497	ug/l	98

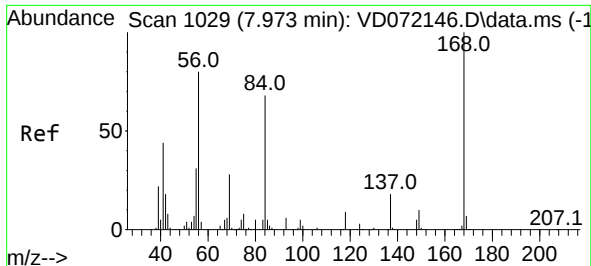
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
Data File : VD072213.D
Acq On : 16 Mar 2022 12:47
Operator : VA/SY
Sample : VD0316SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

Quant Time: Mar 16 15:00:05 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)
----------	------	------	----------	------	-------	----------

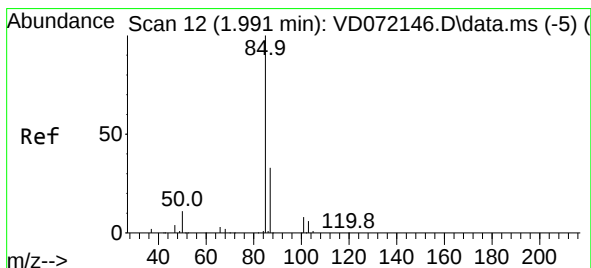
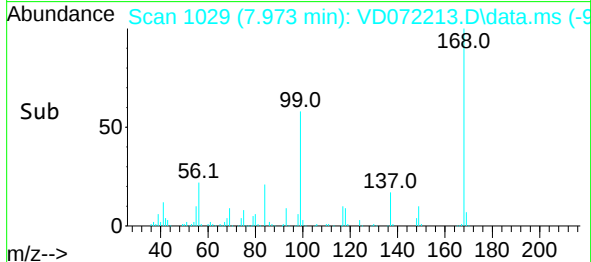
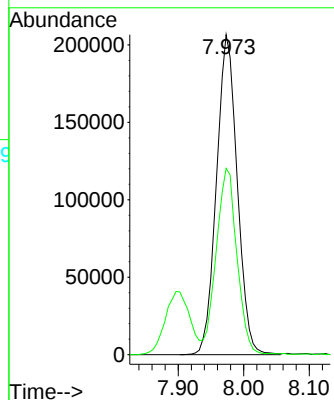
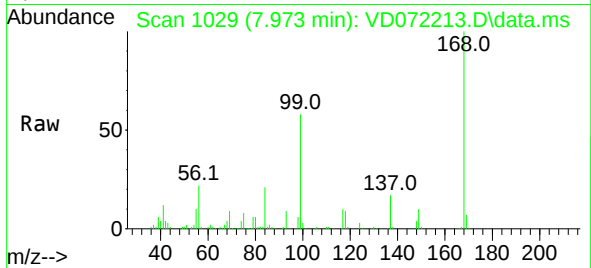
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

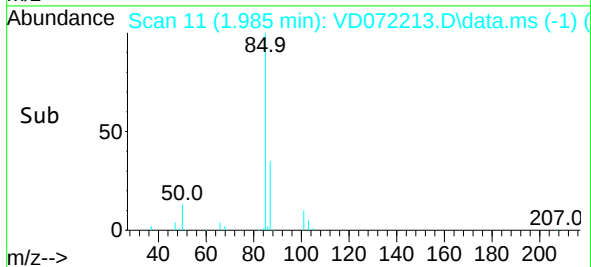
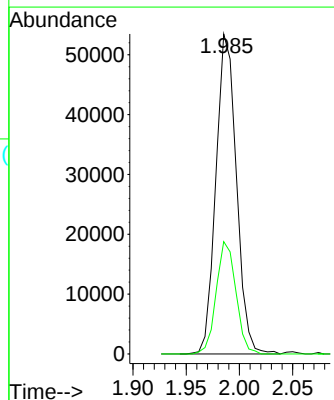
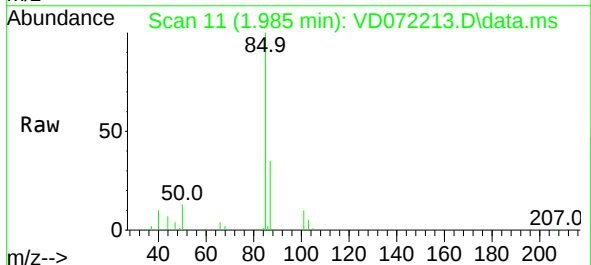
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

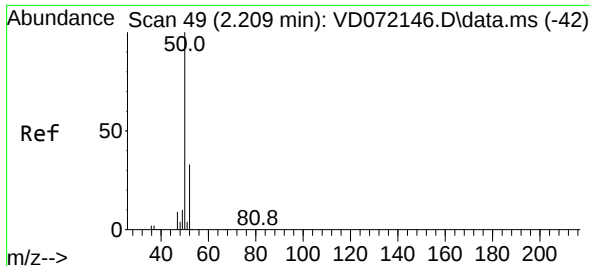
Tgt Ion:168 Resp: 453874
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 17.029 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 85 Resp: 71489
Ion Ratio Lower Upper
85 100
87 35.1 15.7 47.0

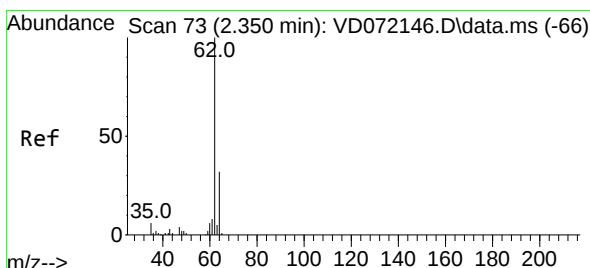
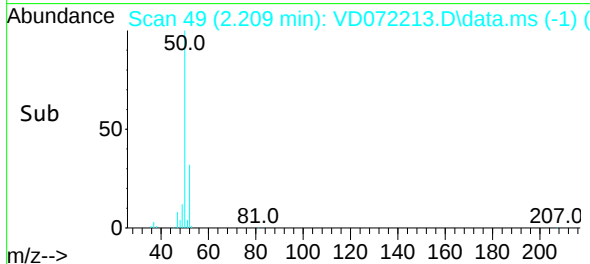
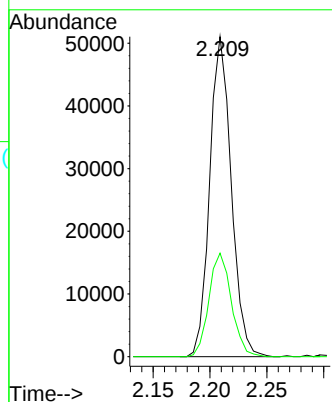
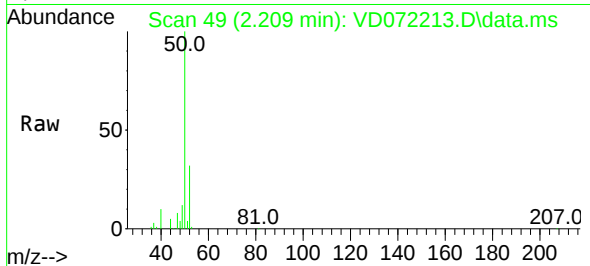




#3
Chloromethane
Concen: 18.043 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

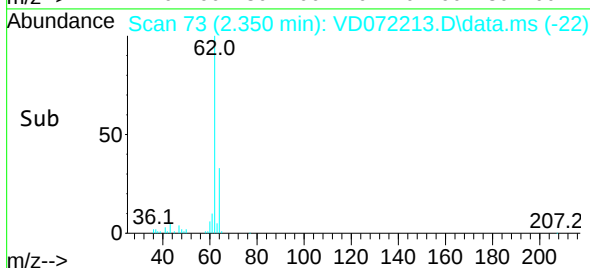
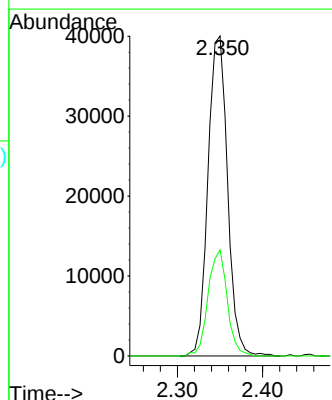
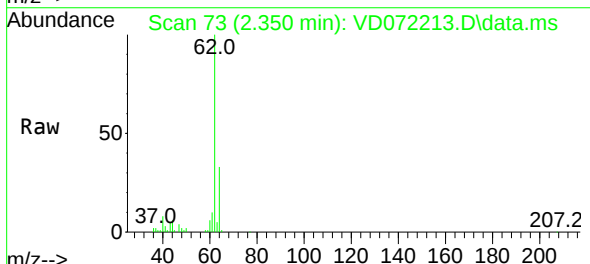
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

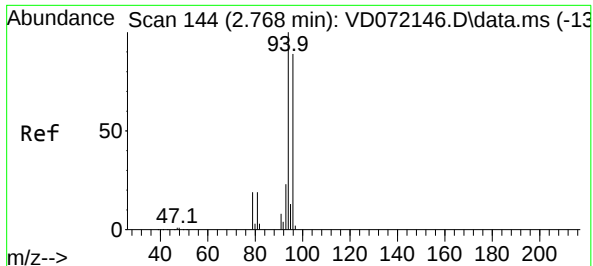
Tgt Ion: 50 Resp: 67307
Ion Ratio Lower Upper
50 100
52 32.3 27.4 41.0



#4
Vinyl Chloride
Concen: 17.710 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 62 Resp: 63770
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0

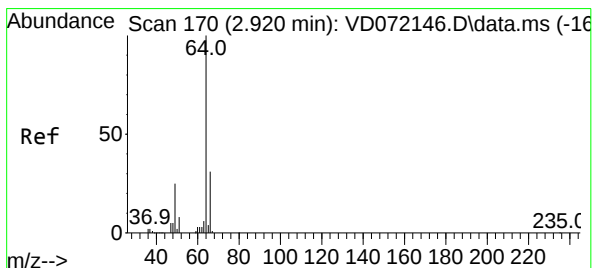
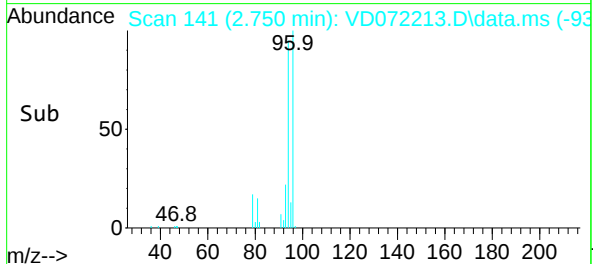
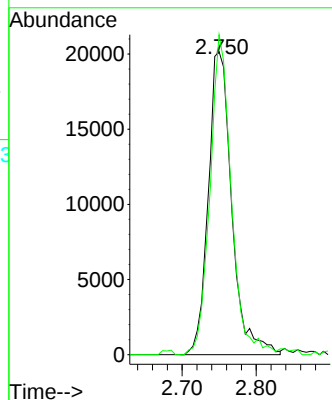
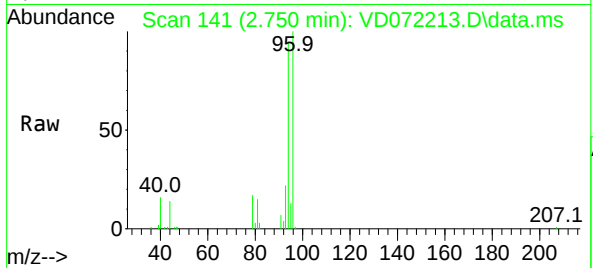




#5
Bromomethane
Concen: 18.971 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

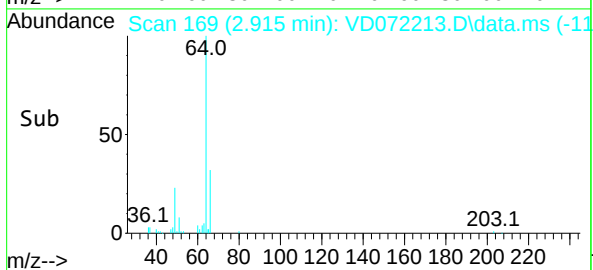
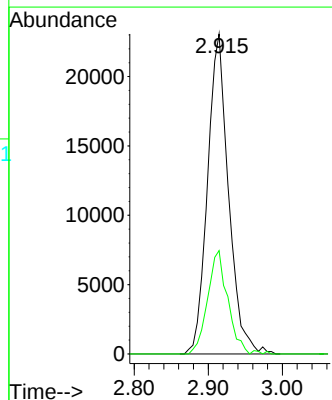
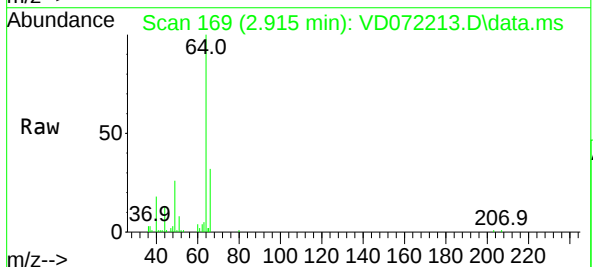
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

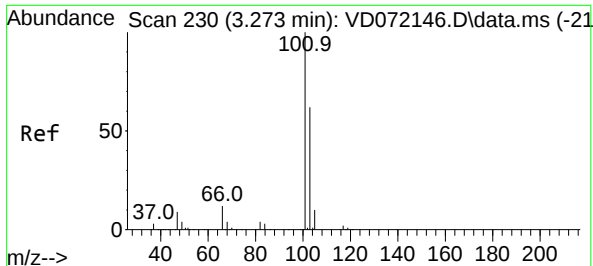
Tgt Ion: 94 Resp: 44482
Ion Ratio Lower Upper
94 100
96 105.6 77.6 116.4



#6
Chloroethane
Concen: 19.079 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 64 Resp: 45422
Ion Ratio Lower Upper
64 100
66 32.3 25.9 38.9

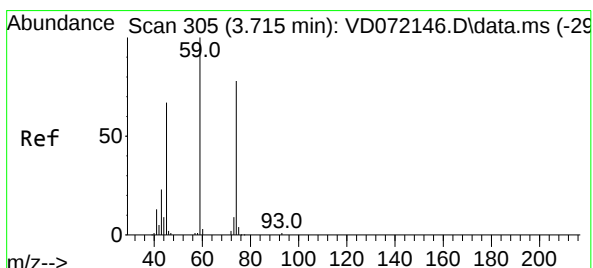
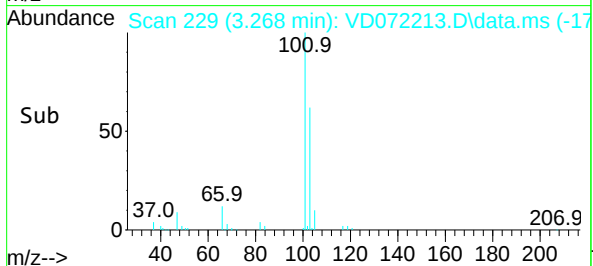
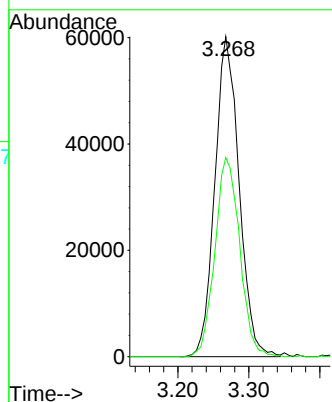
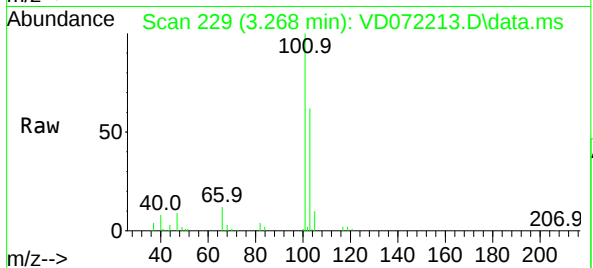




#7
Trichlorofluoromethane
Concen: 17.511 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

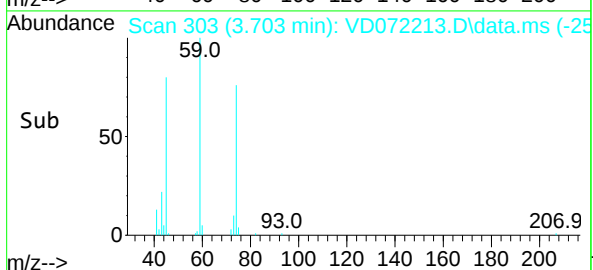
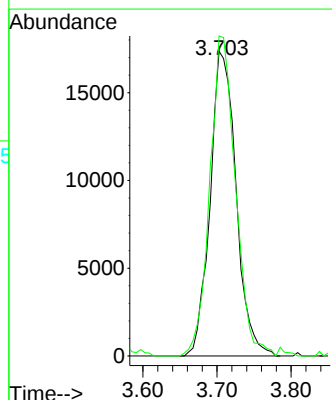
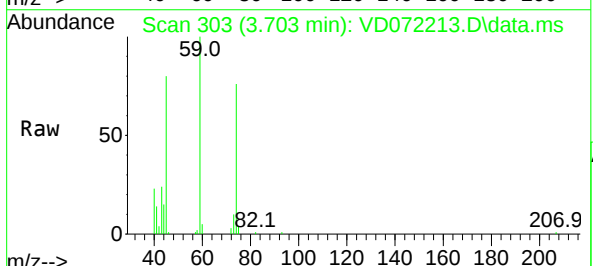
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

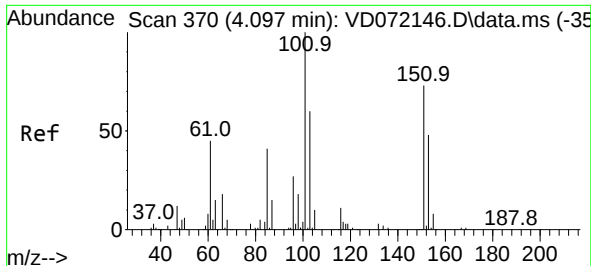
Tgt Ion:101 Resp: 142401
Ion Ratio Lower Upper
101 100
103 62.2 50.1 75.1



#8
Diethyl Ether
Concen: 18.821 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.012 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 74 Resp: 42271
Ion Ratio Lower Upper
74 100
45 103.7 52.6 157.8

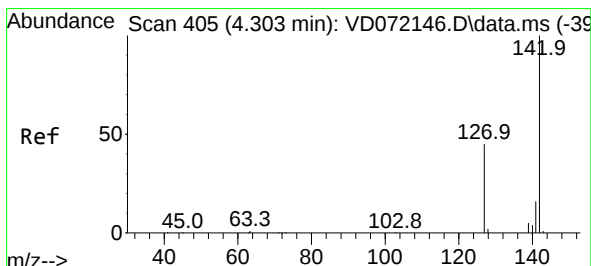
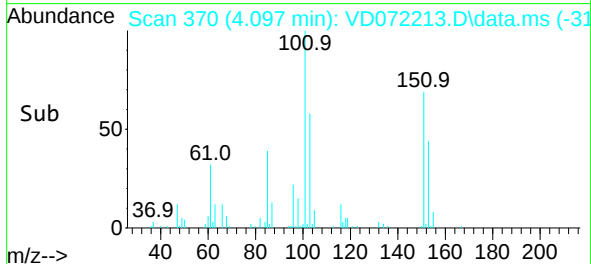
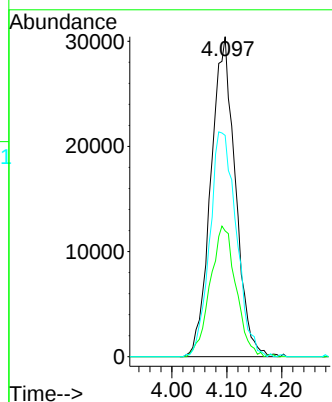
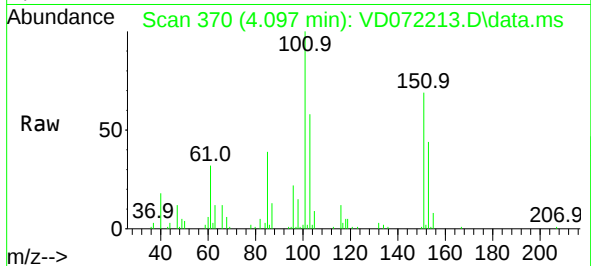




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.174 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

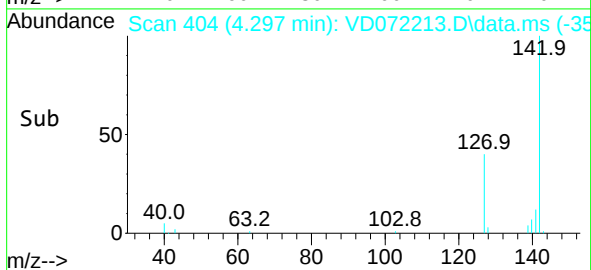
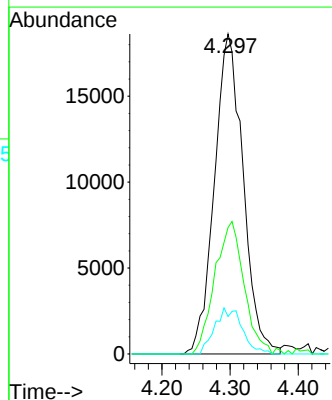
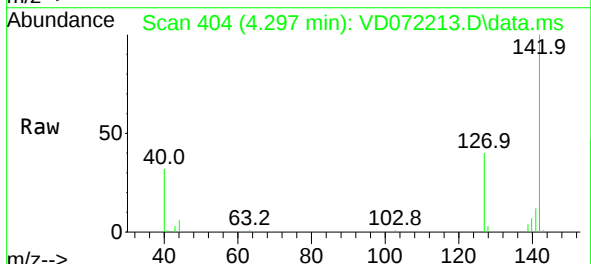
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

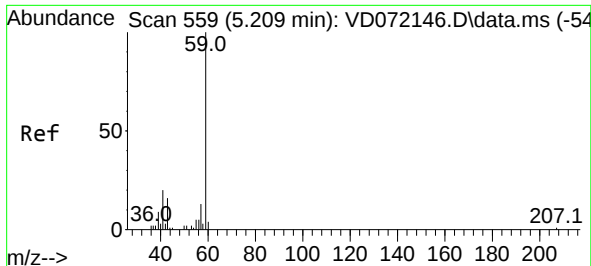
Tgt Ion:101 Resp: 94233
Ion Ratio Lower Upper
101 100
85 42.9 36.4 54.6
151 76.2 57.3 85.9



#10
Methyl Iodide
Concen: 13.440 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion:142 Resp: 54516
Ion Ratio Lower Upper
142 100
127 42.4 37.3 55.9
141 13.8 11.7 17.5





#11

Tert butyl alcohol

Concen: 52.097 ug/l

RT: 5.209 min Scan# 51

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

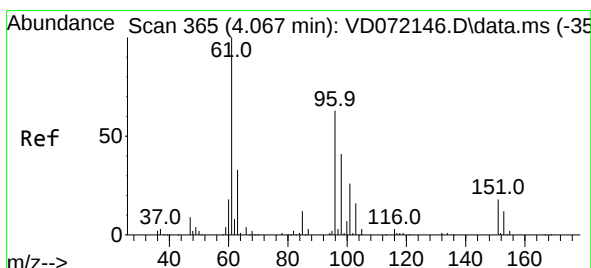
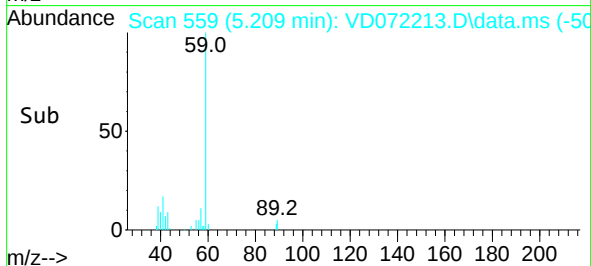
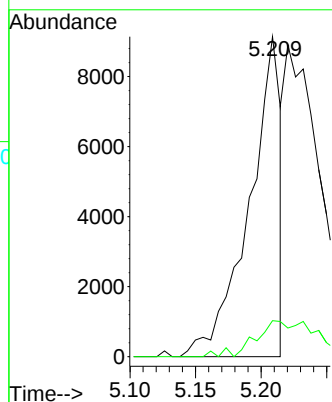
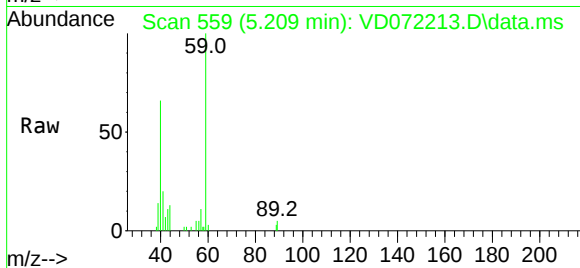
VD0316SBS01

Tgt Ion: 59 Resp: 15279

Ion Ratio Lower Upper

59 100

57 22.5 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 17.044 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.006 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

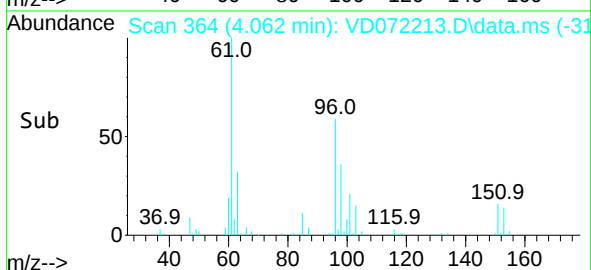
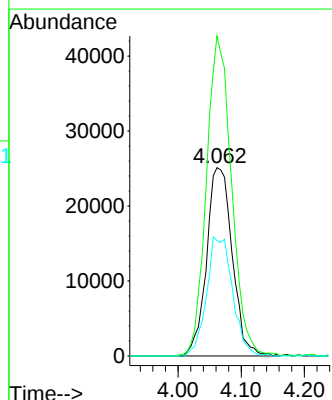
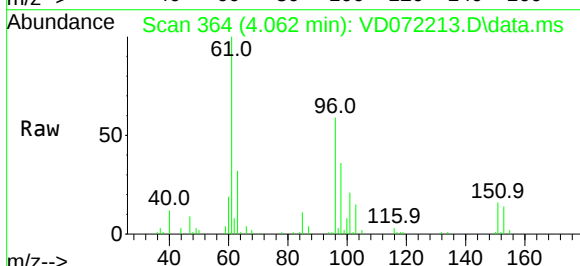
Tgt Ion: 96 Resp: 71099

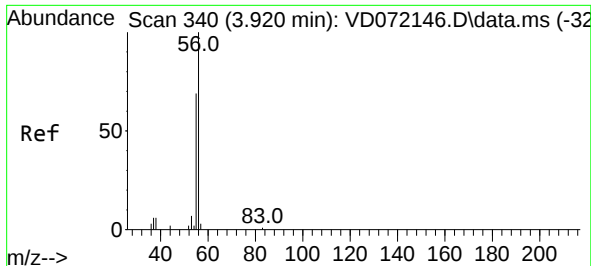
Ion Ratio Lower Upper

96 100

61 169.9 138.5 207.7

98 61.2 48.6 73.0





#13

Acrolein

Concen: 102.102 ug/l

RT: 3.920 min Scan# 340

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

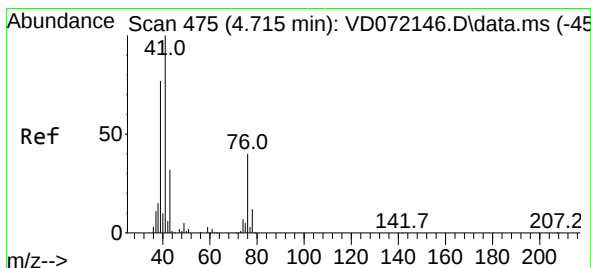
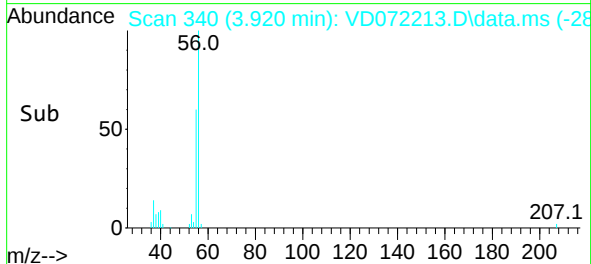
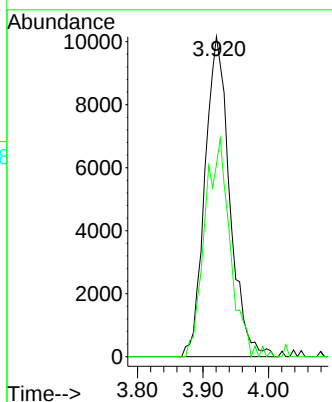
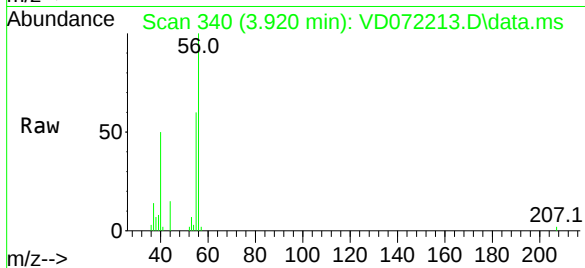
VD0316SBS01

Tgt Ion: 56 Resp: 26720

Ion Ratio Lower Upper

56 100

55 69.1 57.1 85.7



#14

Allyl chloride

Concen: 17.545 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

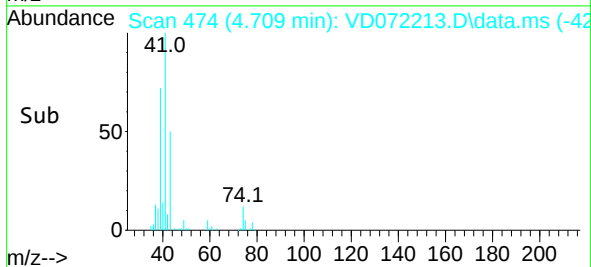
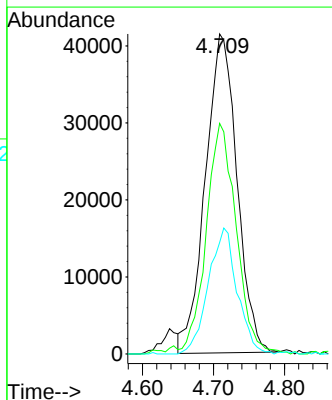
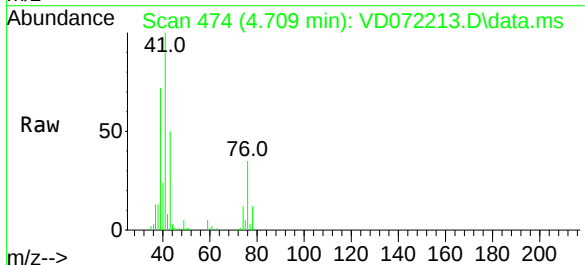
Tgt Ion: 41 Resp: 127961

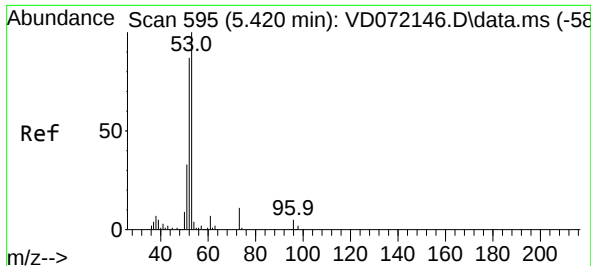
Ion Ratio Lower Upper

41 100

39 68.8 59.3 88.9

76 36.0 25.7 38.5

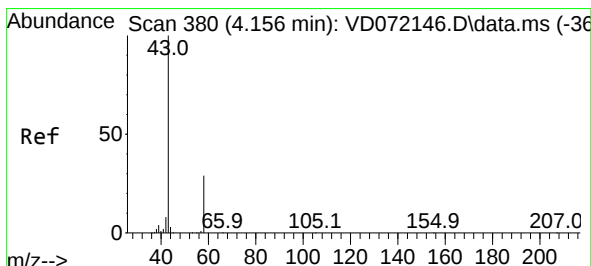
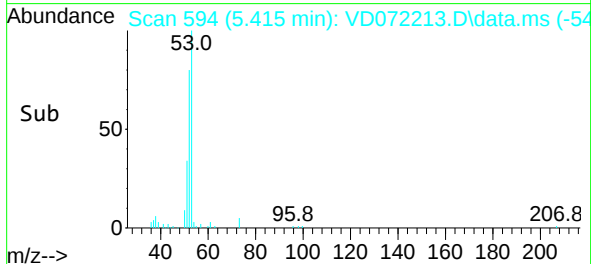
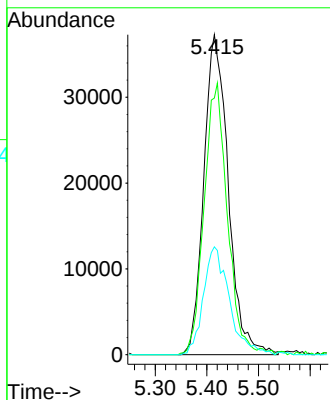
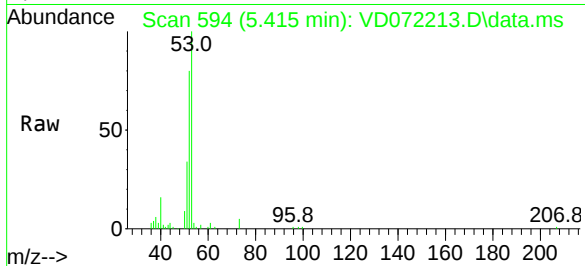




#15
Acrylonitrile
Concen: 108.108 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

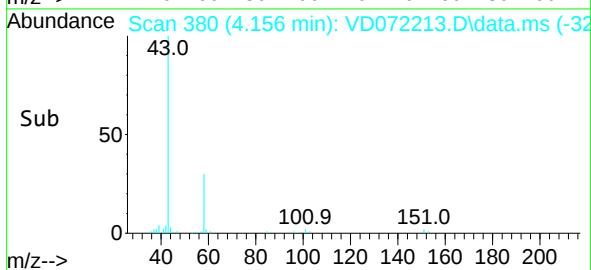
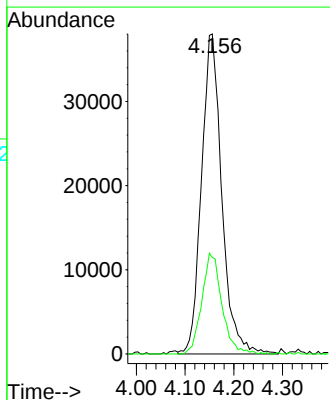
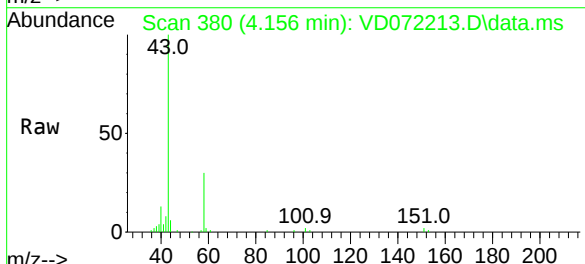
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

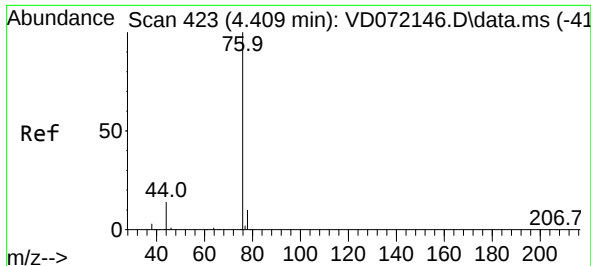
Tgt Ion: 53 Resp: 122511
Ion Ratio Lower Upper
53 100
52 80.3 67.2 100.8
51 35.7 30.3 45.5



#16
Acetone
Concen: 100.214 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 43 Resp: 110058
Ion Ratio Lower Upper
43 100
58 30.2 22.1 33.1

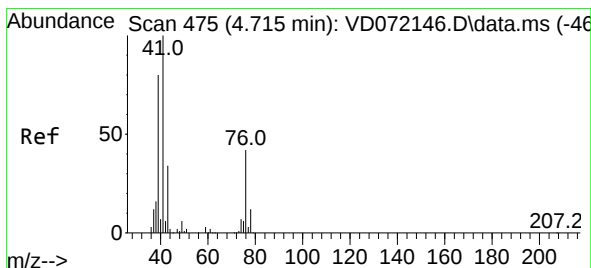
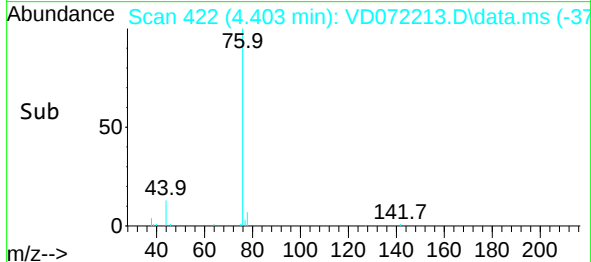
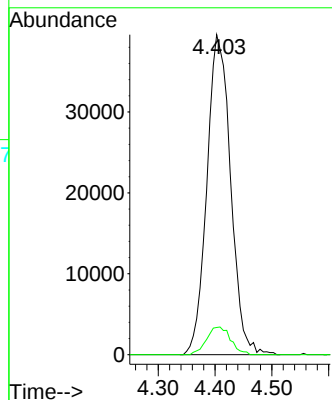
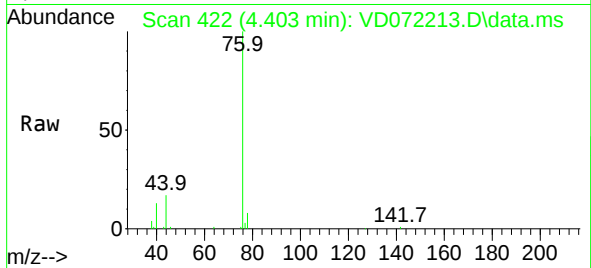




#17
Carbon Disulfide
Concen: 12.938 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

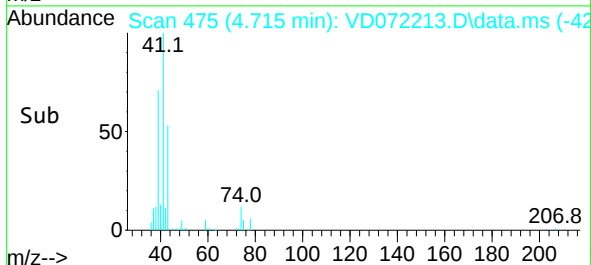
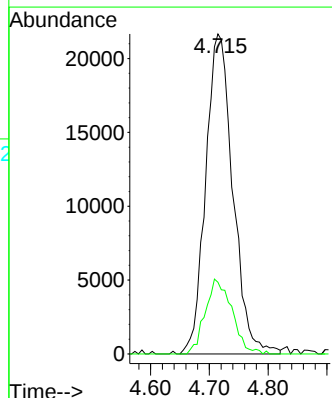
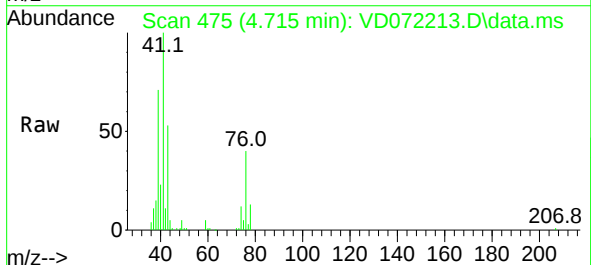
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

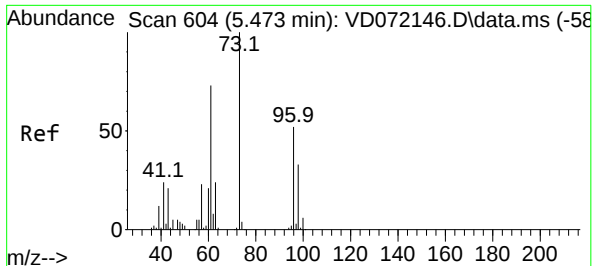
Tgt Ion: 76 Resp: 114717
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 25.878 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 43 Resp: 69646
Ion Ratio Lower Upper
43 100
74 23.0 16.7 25.1

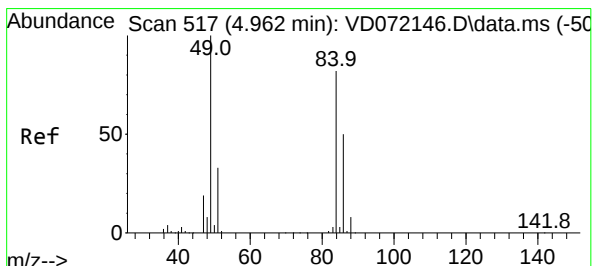
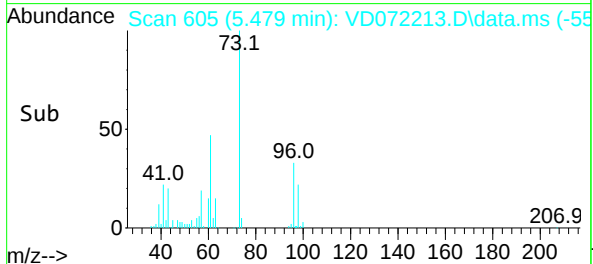
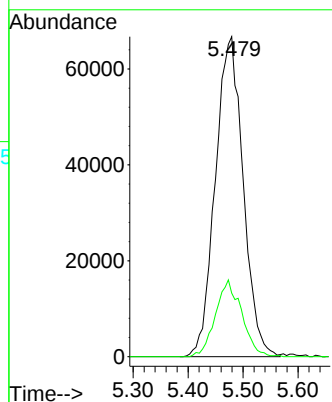
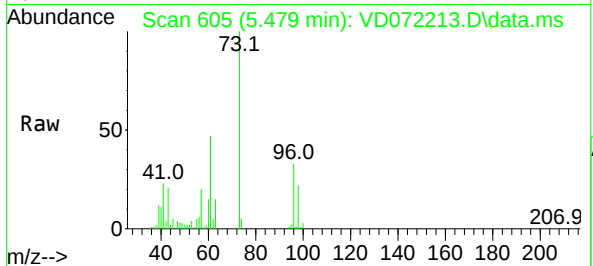




#19
Methyl tert-butyl Ether
Concen: 20.698 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

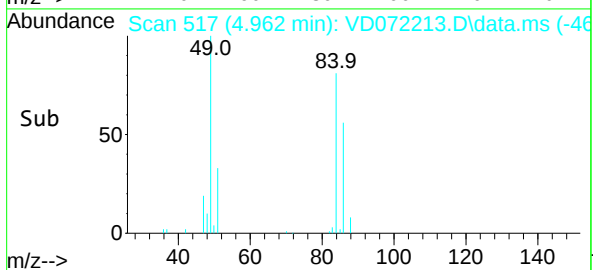
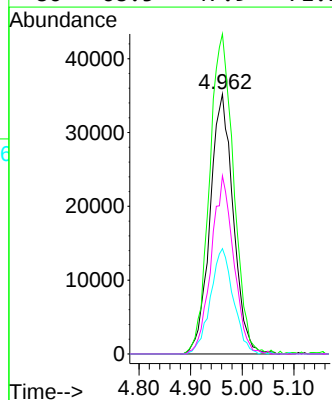
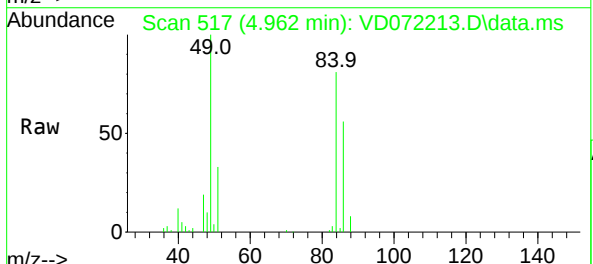
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

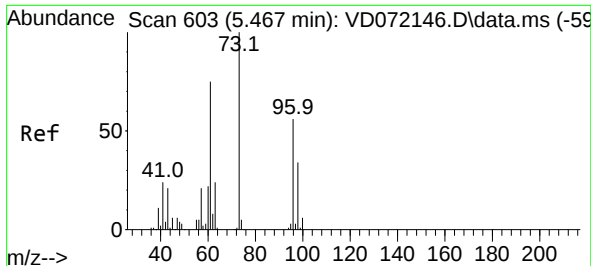
Tgt Ion: 73 Resp: 234678
Ion Ratio Lower Upper
73 100
57 19.8 18.0 27.0



#20
Methylene Chloride
Concen: 15.837 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 84 Resp: 109949
Ion Ratio Lower Upper
84 100
49 123.2 112.8 169.2
51 40.6 32.6 48.8
86 68.5 47.9 71.9

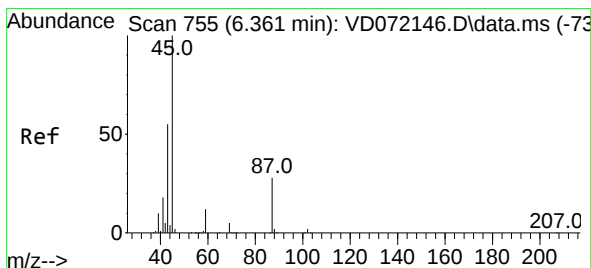
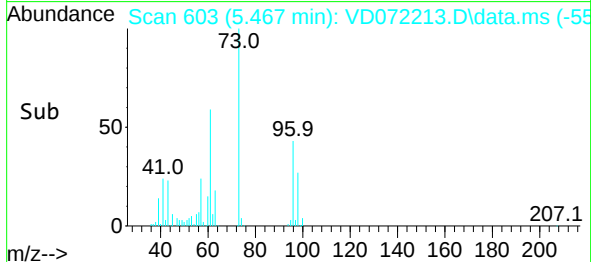
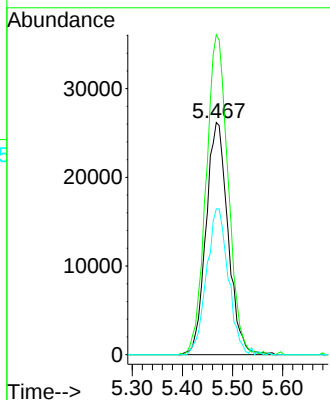
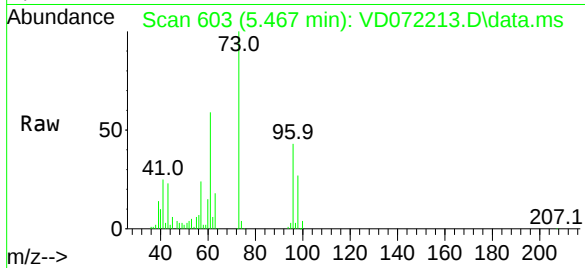




#21
trans-1,2-Dichloroethene
Concen: 17.311 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

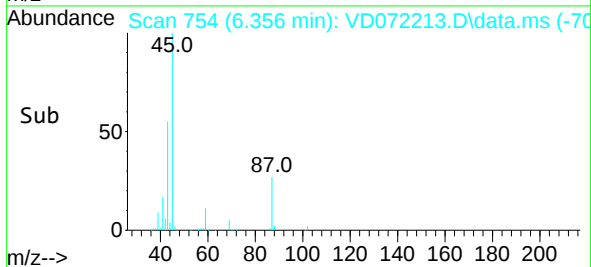
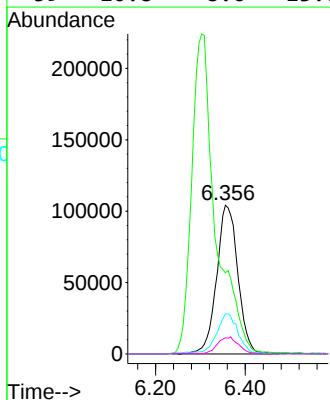
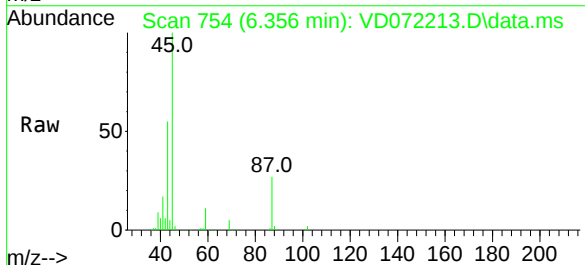
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

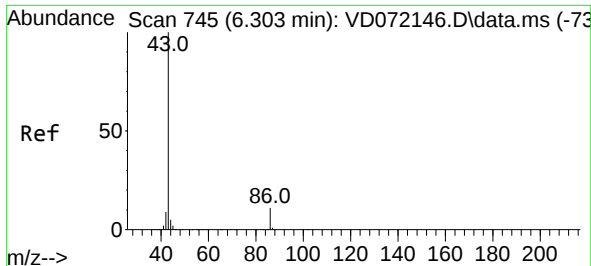
Tgt Ion: 96 Resp: 79869
Ion Ratio Lower Upper
96 100
61 137.9 117.9 176.9
98 62.8 49.4 74.2



#22
Diisopropyl ether
Concen: 20.654 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 45 Resp: 343597
Ion Ratio Lower Upper
45 100
43 53.5 46.6 70.0
87 26.7 18.4 27.6
59 10.8 8.6 13.0

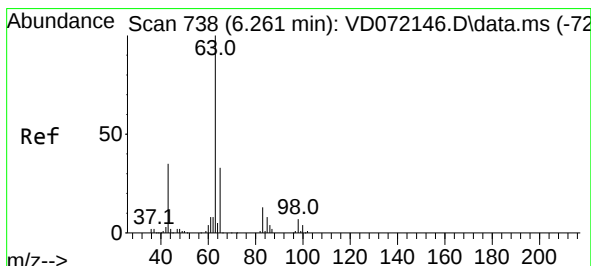
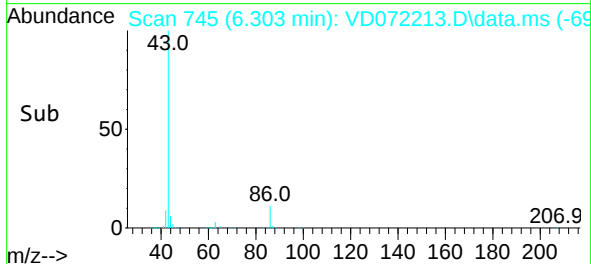
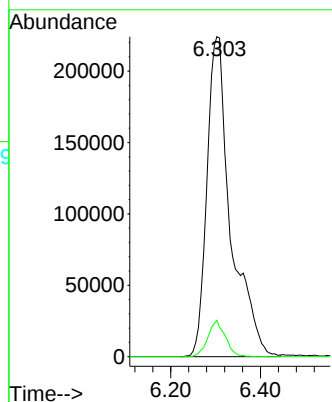
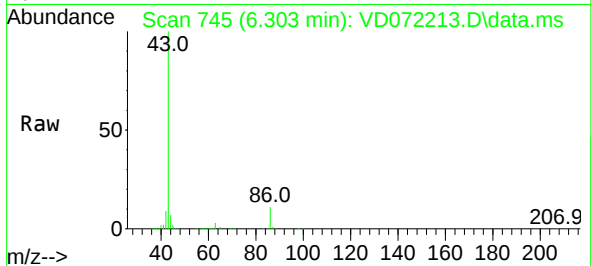




#23
 Vinyl Acetate
 Concen: 97.371 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072213.D
 Acq: 16 Mar 2022 12:47

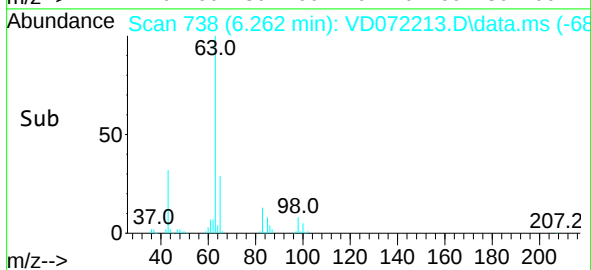
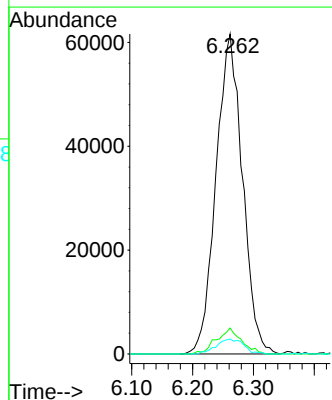
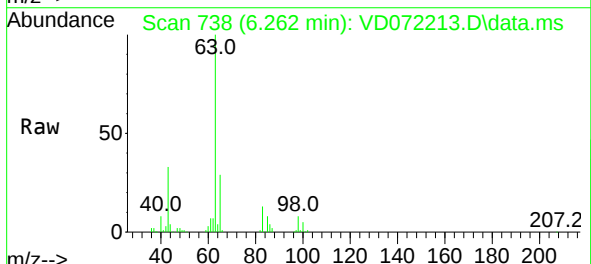
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

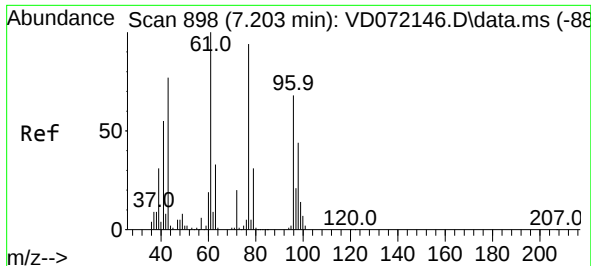
Tgt Ion: 43 Resp: 826672
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 18.923 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072213.D
 Acq: 16 Mar 2022 12:47

Tgt Ion: 63 Resp: 185654
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 4.6 2.1 6.5

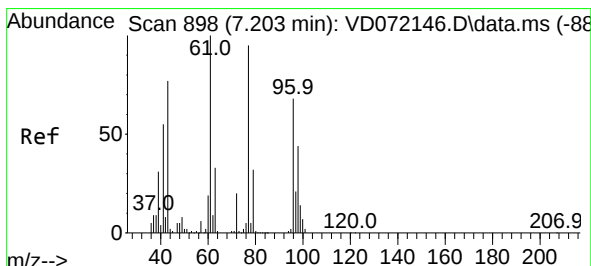
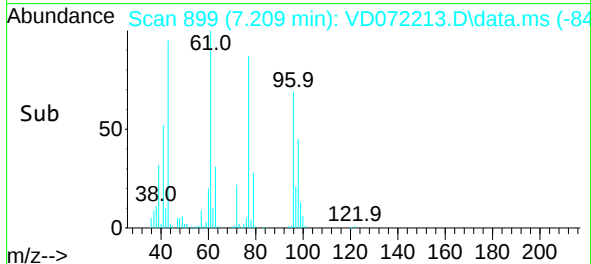
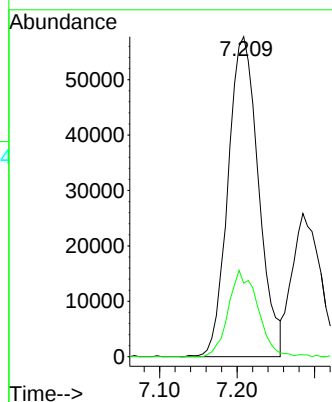
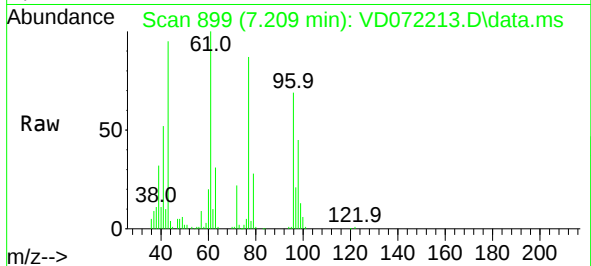




#25
2-Butanone
Concen: 108.044 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

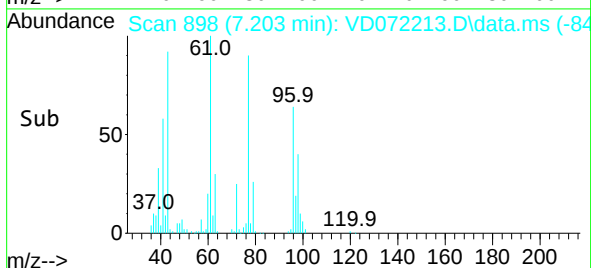
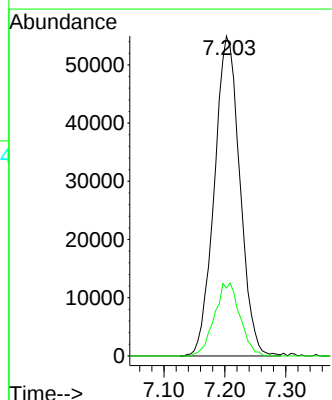
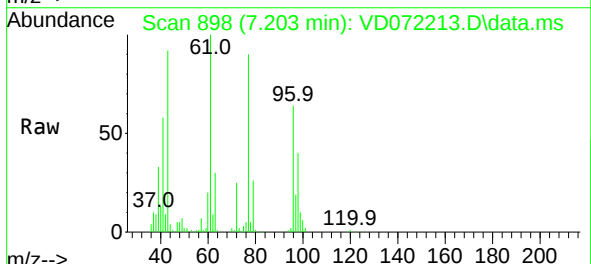
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

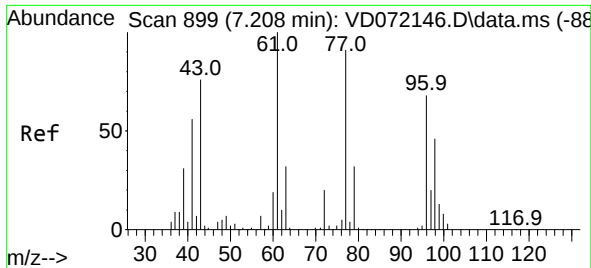
Tgt Ion: 43 Resp: 158208
Ion Ratio Lower Upper
43 100
72 23.0 18.6 27.8



#26
2,2-Dichloropropane
Concen: 18.069 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 77 Resp: 159949
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.4

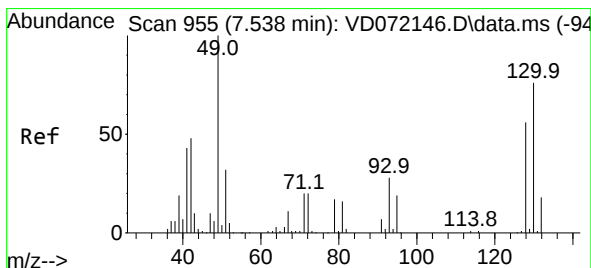
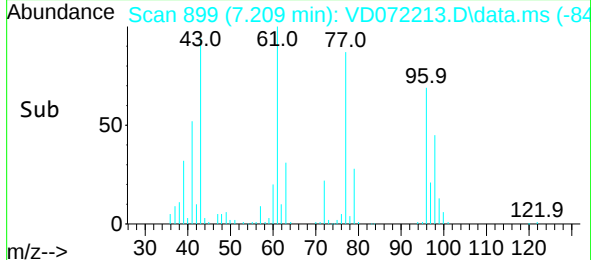
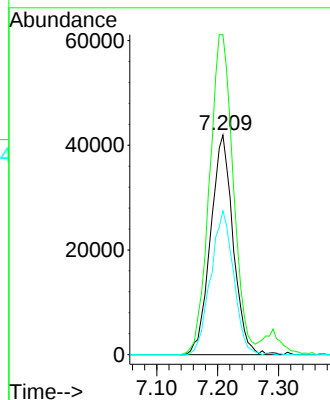
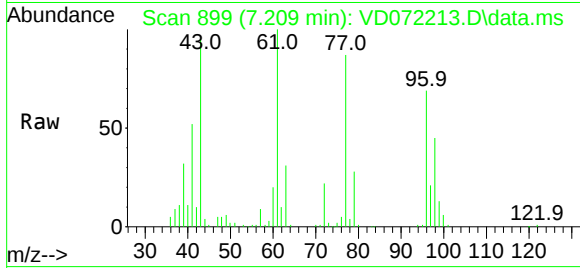




#27
 cis-1,2-Dichloroethene
 Concen: 18.289 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD072213.D
 Acq: 16 Mar 2022 12:47

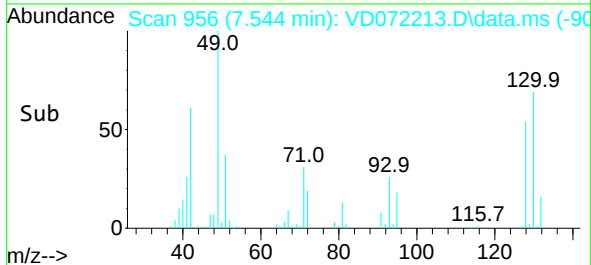
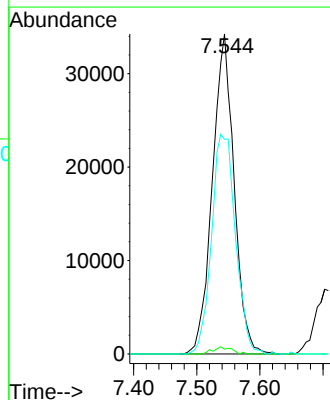
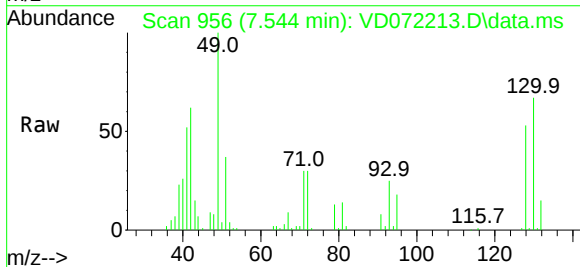
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

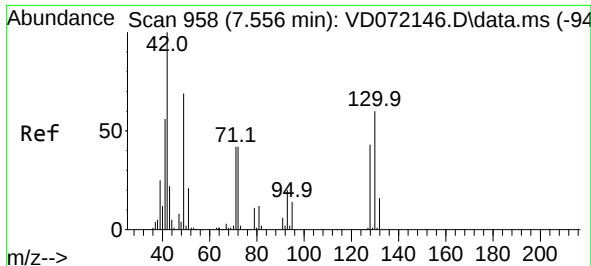
Tgt Ion:	96	Resp:	107730
Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	313.8
98	66.5	0.0	128.8



#28
 Bromochloromethane
 Concen: 20.676 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD072213.D
 Acq: 16 Mar 2022 12:47

Tgt Ion:	49	Resp:	81662
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	75.7	52.6	79.0





#29

Tetrahydrofuran

Concen: 109.463 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

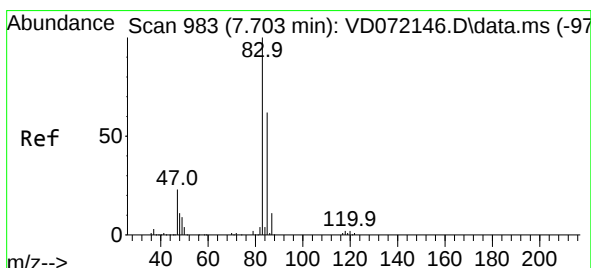
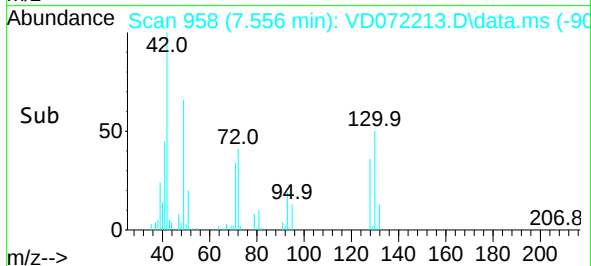
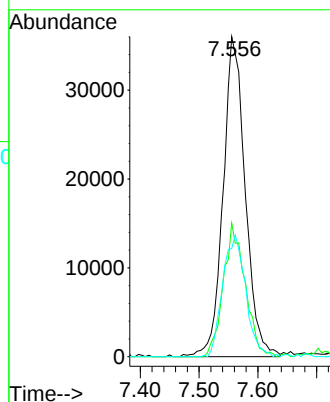
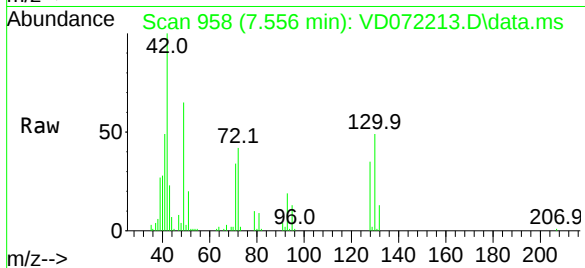
Tgt Ion: 42 Resp: 94250

Ion Ratio Lower Upper

42 100

72 40.9 30.7 46.1

71 39.4 28.6 43.0



#30

Chloroform

Concen: 19.583 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.006 min

Lab File: VD072213.D

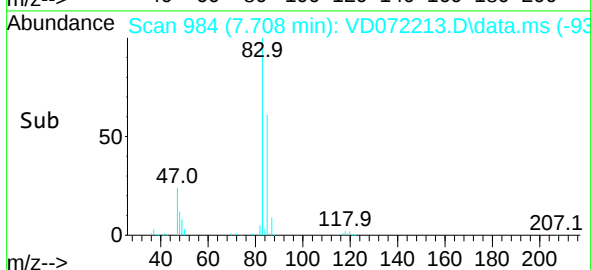
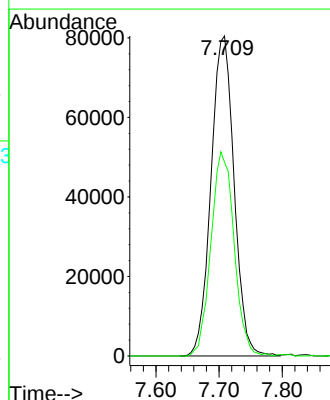
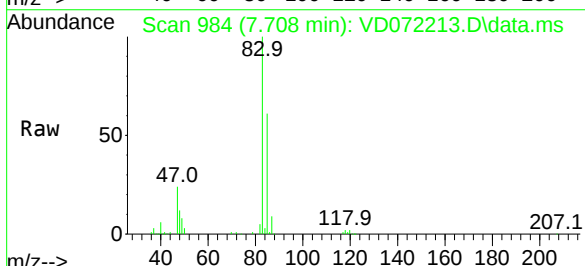
Acq: 16 Mar 2022 12:47

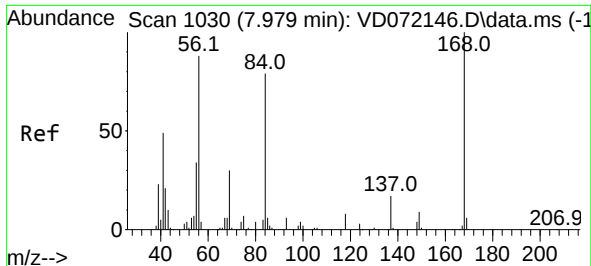
Tgt Ion: 83 Resp: 204680

Ion Ratio Lower Upper

83 100

85 60.6 52.7 79.1

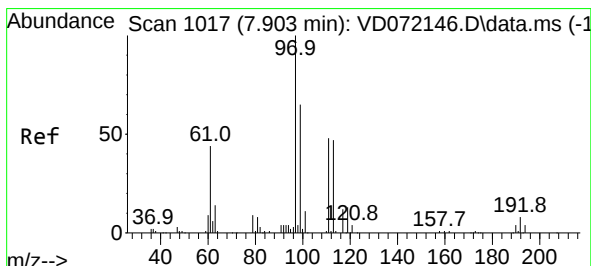
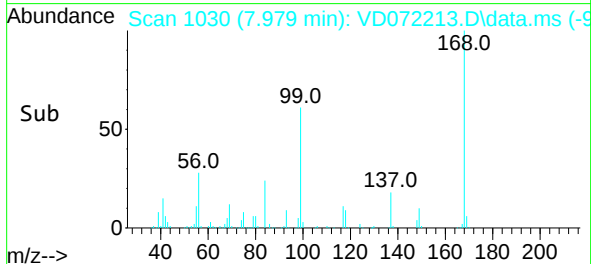
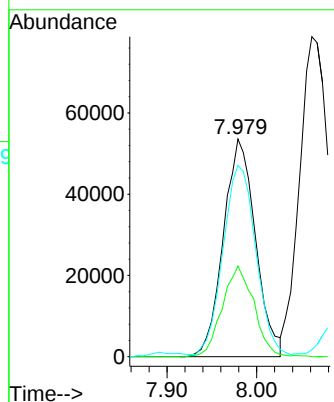
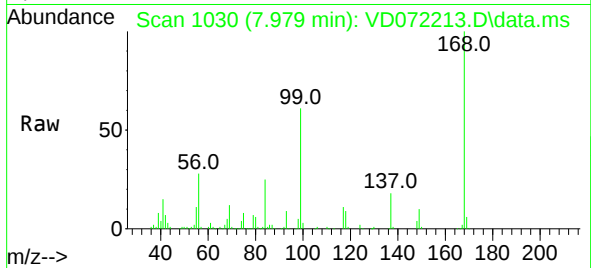




#31
Cyclohexane
Concen: 16.862 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

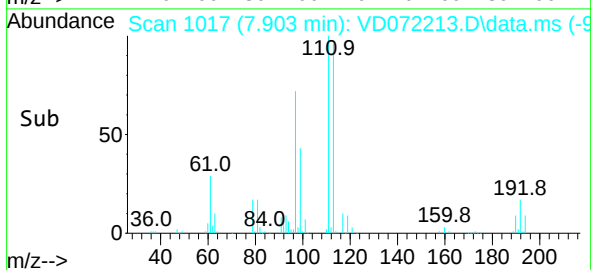
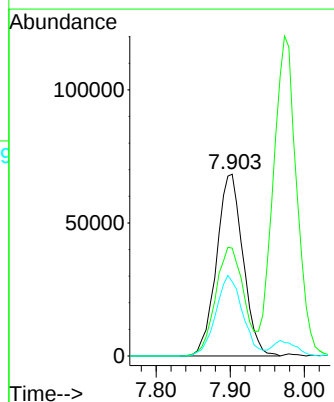
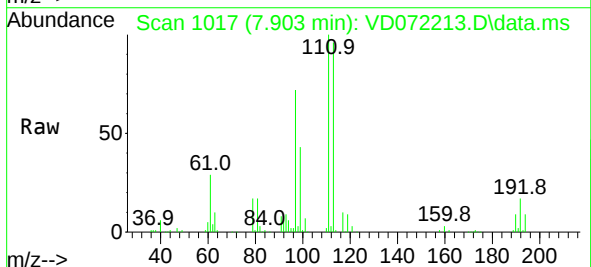
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

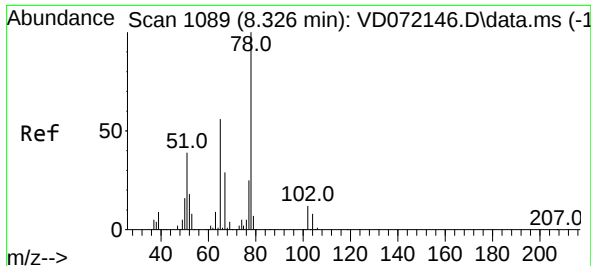
Tgt Ion: 56 Resp: 133252
Ion Ratio Lower Upper
56 100
69 41.6 25.4 38.2#
84 86.4 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 18.262 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 97 Resp: 169526
Ion Ratio Lower Upper
97 100
99 63.0 52.4 78.6
61 44.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 48.724 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

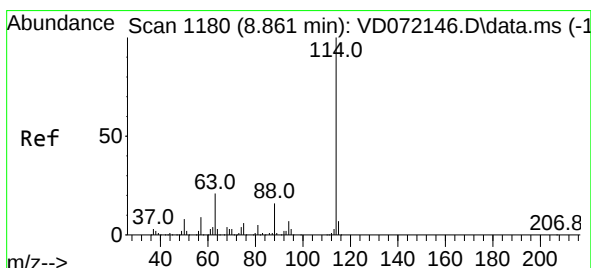
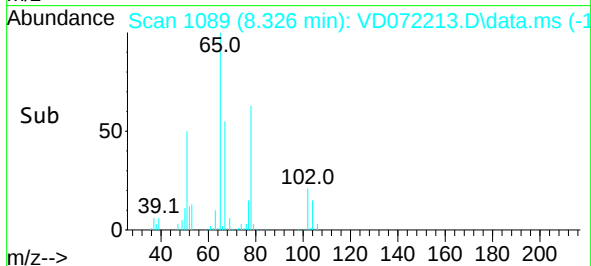
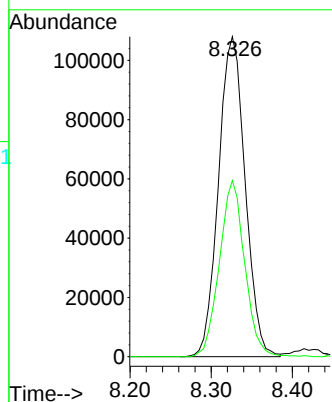
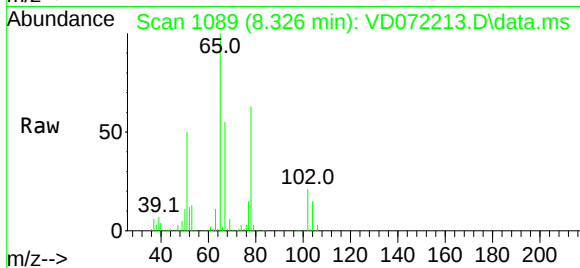
VD0316SBS01

Tgt Ion: 65 Resp: 246456

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

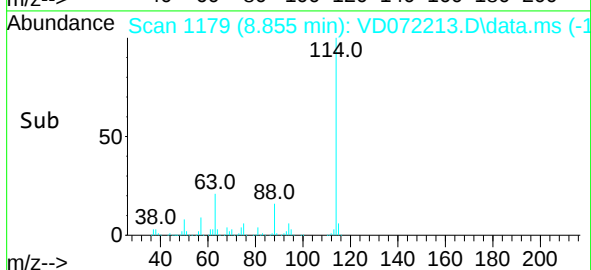
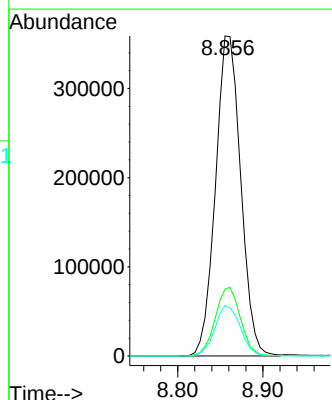
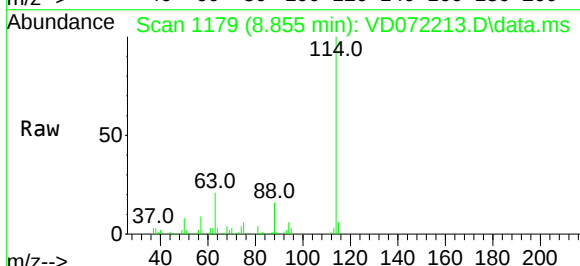
Tgt Ion: 114 Resp: 738107

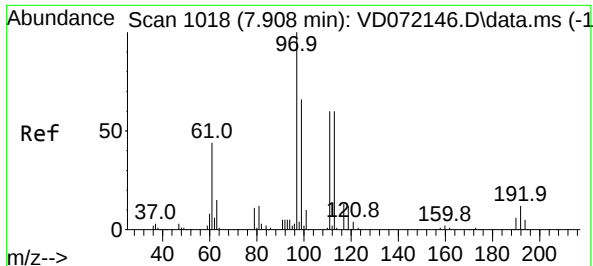
Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 15.8 0.0 33.2

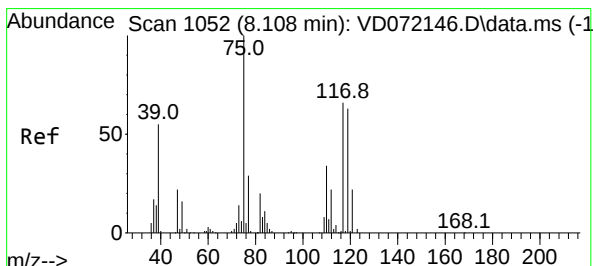
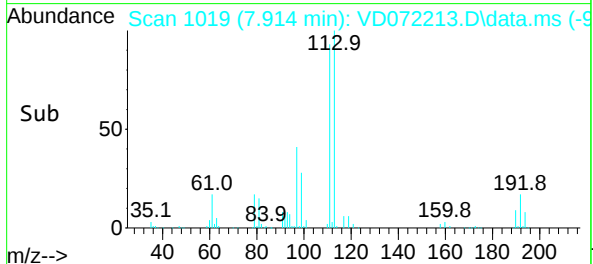
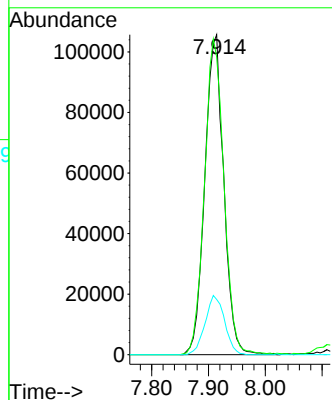
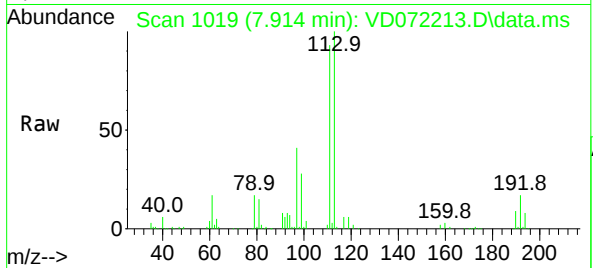




#35
Dibromofluoromethane
Concen: 46.970 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

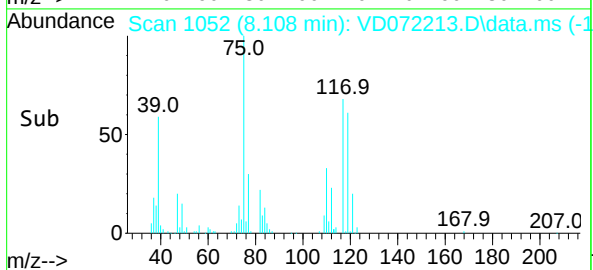
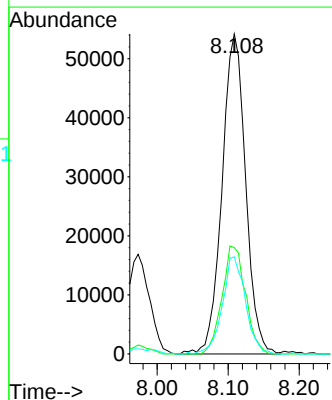
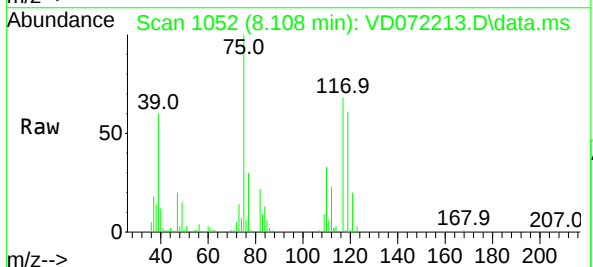
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

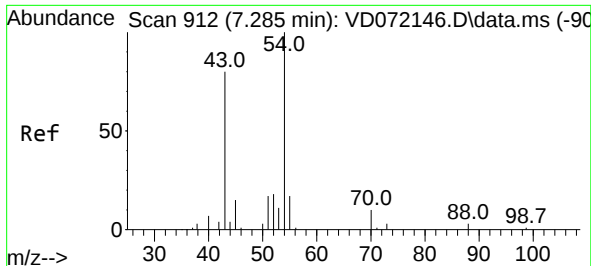
Tgt Ion:113 Resp: 243967
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 19.0 14.6 21.8



#36
1,1-Dichloropropene
Concen: 17.131 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 75 Resp: 124827
Ion Ratio Lower Upper
75 100
110 33.6 16.4 49.1
77 29.7 24.2 36.2

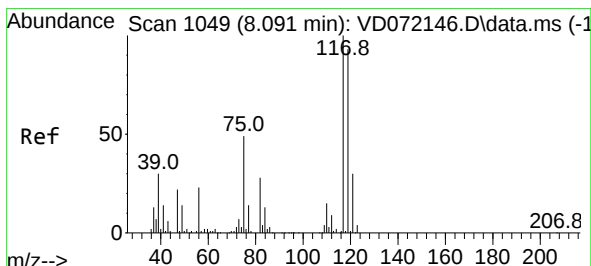
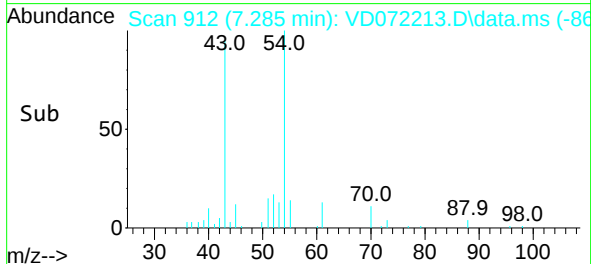
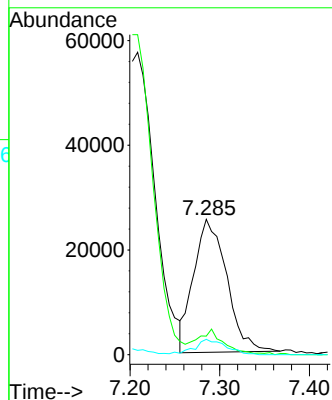
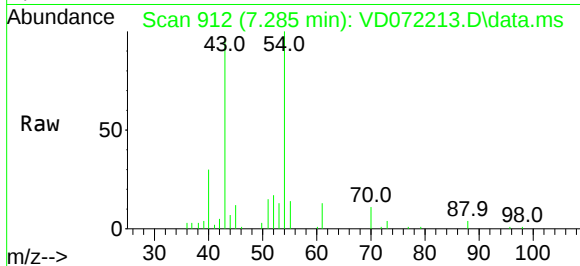




#37
Ethyl Acetate
Concen: 20.346 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

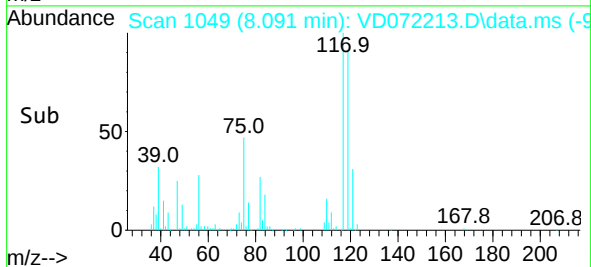
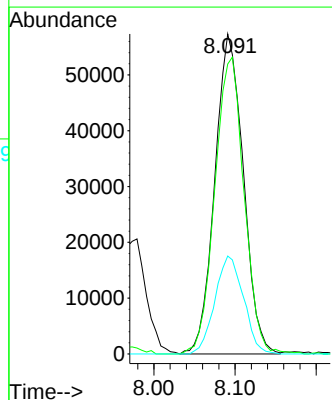
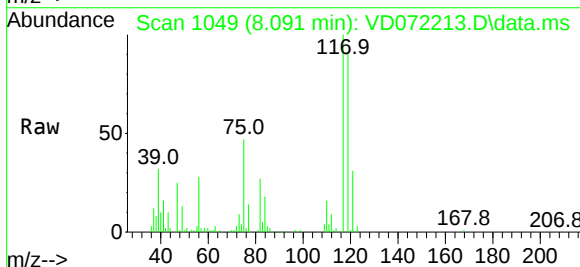
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

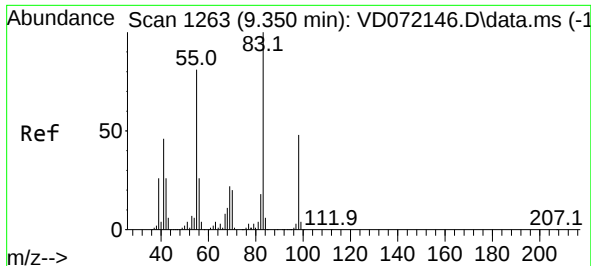
Tgt Ion: 43 Resp: 64941
Ion Ratio Lower Upper
43 100
61 16.0 9.8 14.8#
70 10.9 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 16.893 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 117 Resp: 139920
Ion Ratio Lower Upper
117 100
119 90.6 75.8 113.6
121 30.6 24.5 36.7





#39

Methylcyclohexane

Concen: 15.936 ug/l

RT: 9.350 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

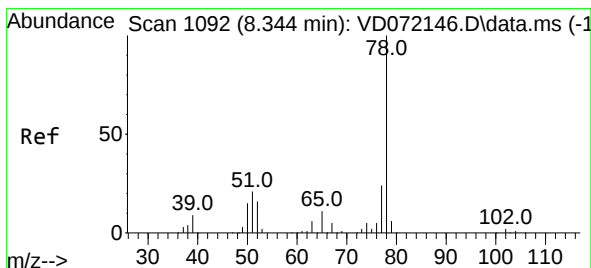
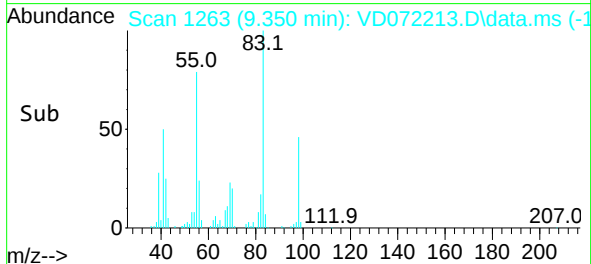
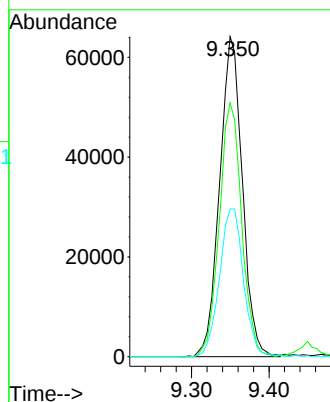
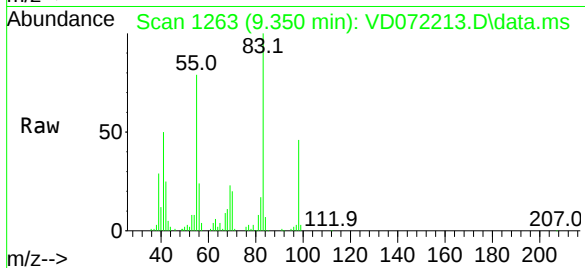
Tgt Ion: 83 Resp: 130666

Ion Ratio Lower Upper

83 100

55 79.3 63.2 94.8

98 46.1 38.2 57.4



#40

Benzene

Concen: 18.018 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD072213.D

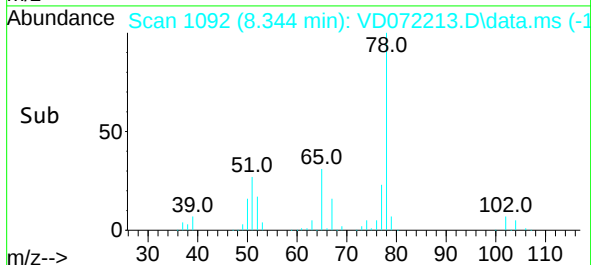
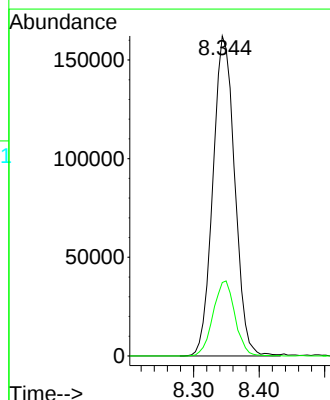
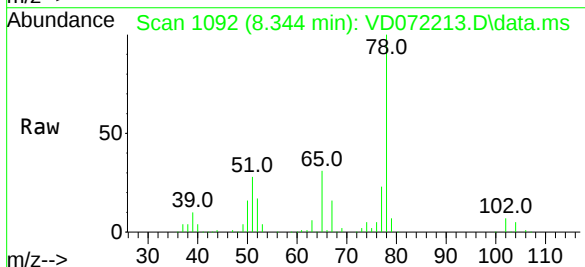
Acq: 16 Mar 2022 12:47

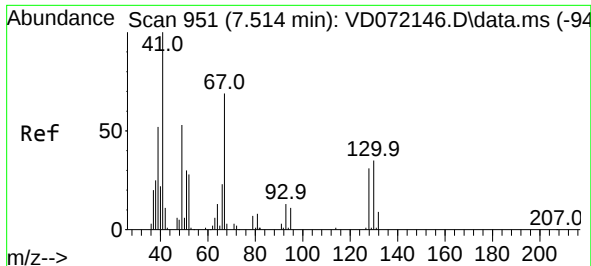
Tgt Ion: 78 Resp: 374561

Ion Ratio Lower Upper

78 100

77 22.9 19.1 28.7

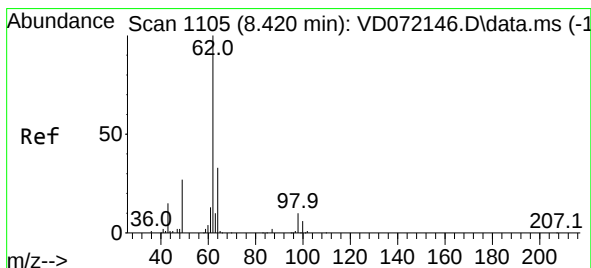
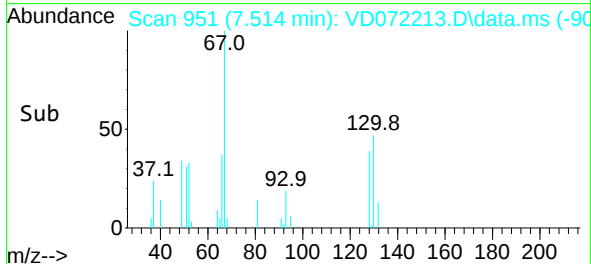
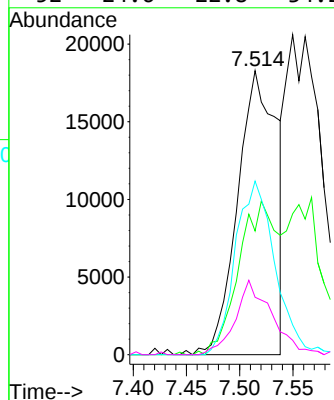
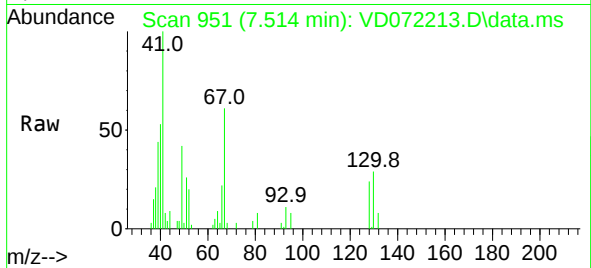




#41
Methacrylonitrile
Concen: 25.013 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

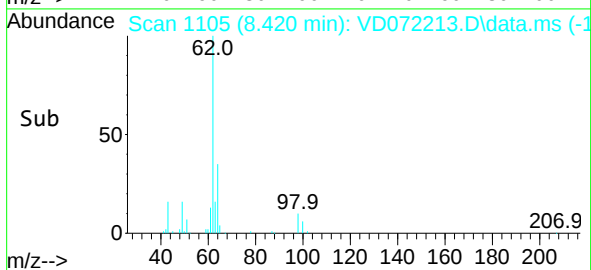
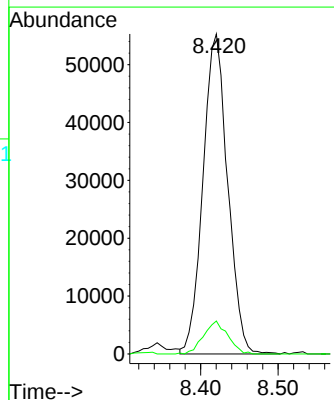
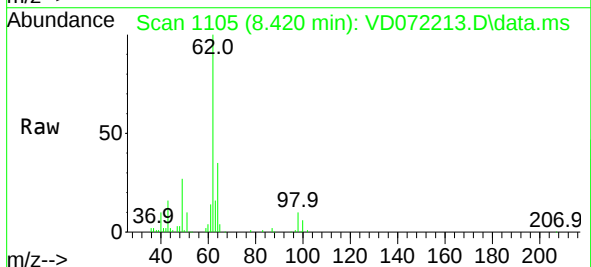
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

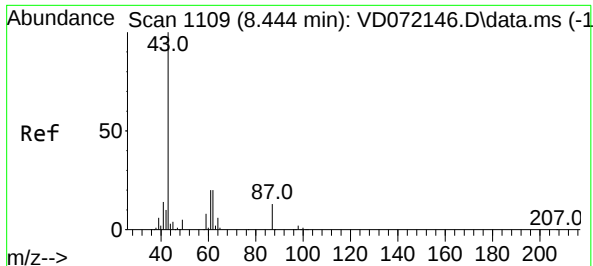
Tgt Ion:	41	Resp:	46534
Ion	Ratio	Lower	Upper
41	100		
39	53.5	44.6	67.0
67	62.3	48.2	72.4
52	24.6	22.8	34.2



#42
1,2-Dichloroethane
Concen: 19.403 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion:	62	Resp:	122359
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	17.6





#43

Isopropyl Acetate

Concen: 20.923 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

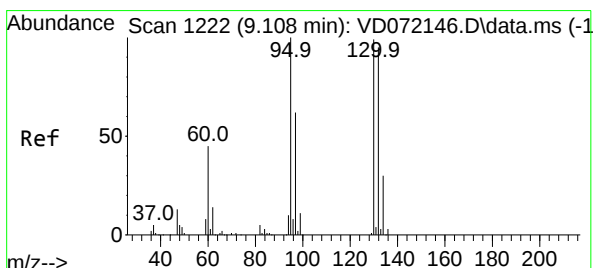
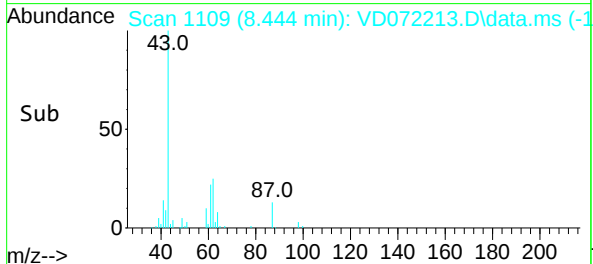
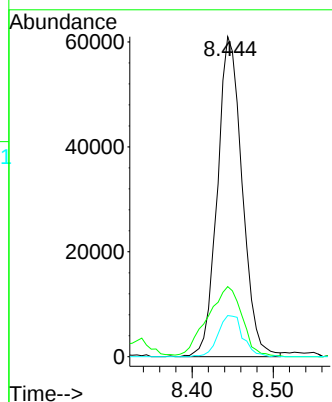
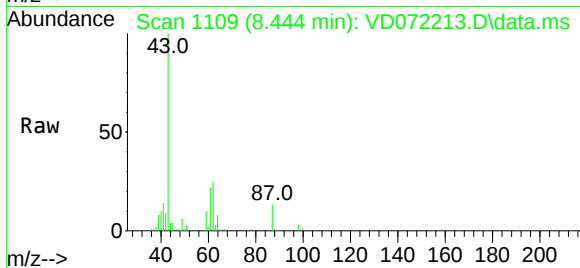
Tgt Ion: 43 Resp: 129626

Ion Ratio Lower Upper

43 100

61 30.7 22.4 33.6

87 12.9 8.7 13.1



#44

Trichloroethene

Concen: 17.861 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD072213.D

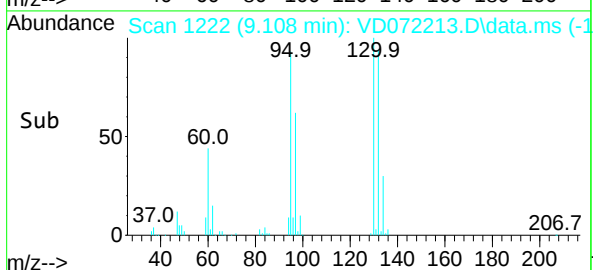
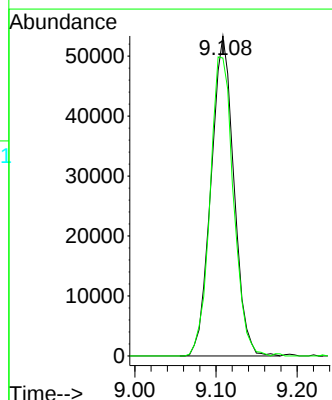
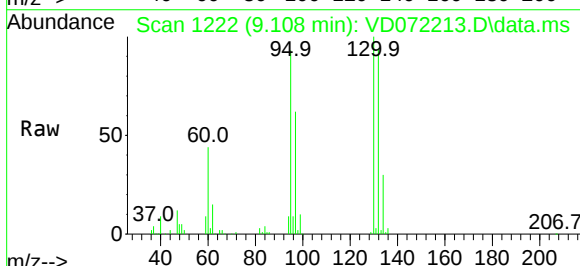
Acq: 16 Mar 2022 12:47

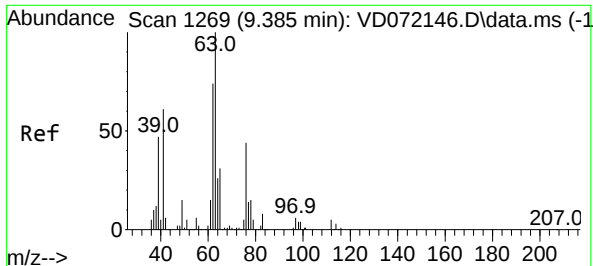
Tgt Ion:130 Resp: 104237

Ion Ratio Lower Upper

130 100

95 93.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.097 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

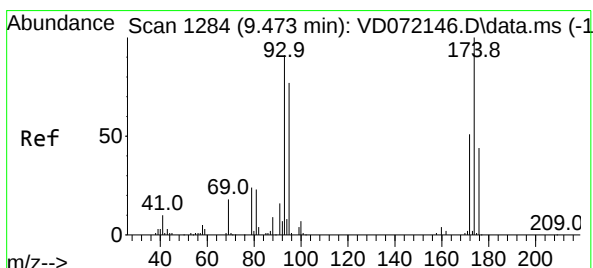
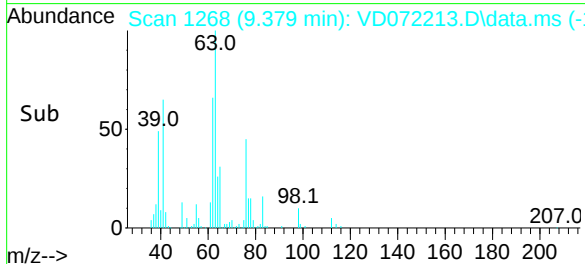
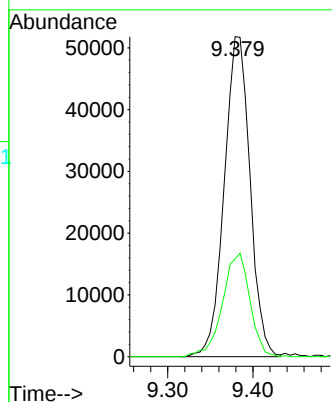
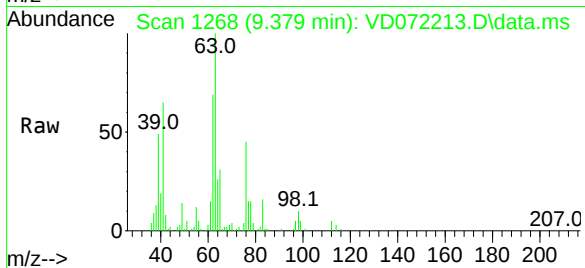
VD0316SBS01

Tgt Ion: 63 Resp: 108875

Ion Ratio Lower Upper

63 100

65 30.5 26.2 39.4



#46

Dibromomethane

Concen: 18.953 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

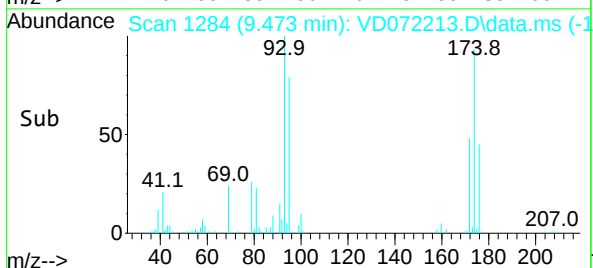
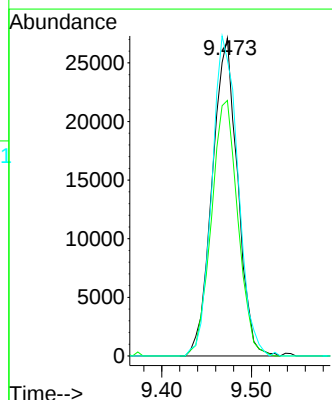
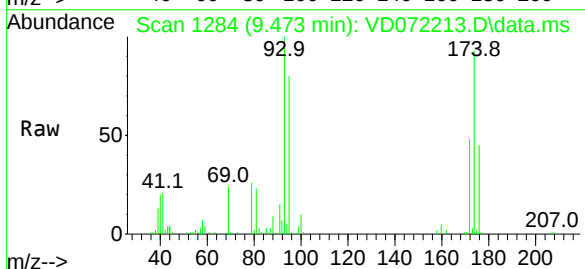
Tgt Ion: 93 Resp: 53152

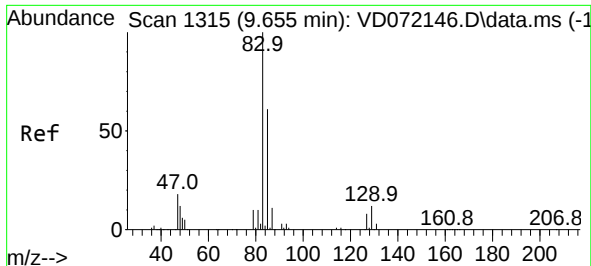
Ion Ratio Lower Upper

93 100

95 83.6 66.7 100.1

174 103.5 71.6 107.4

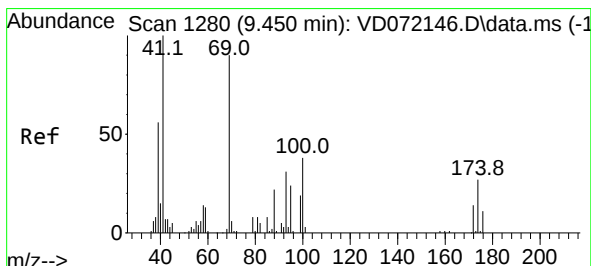
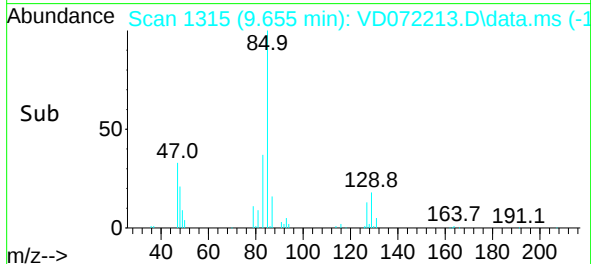
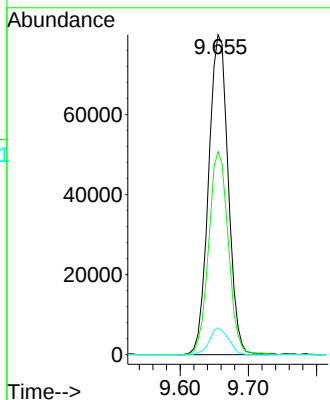
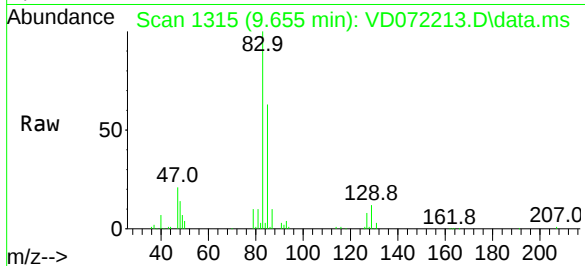




#47
Bromodichloromethane
Concen: 19.599 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

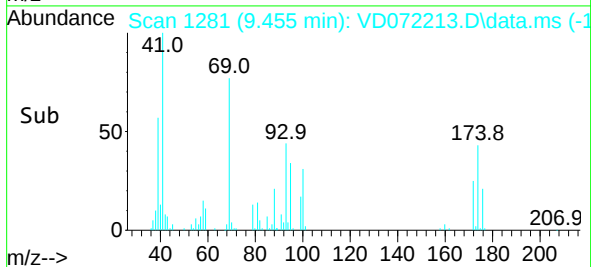
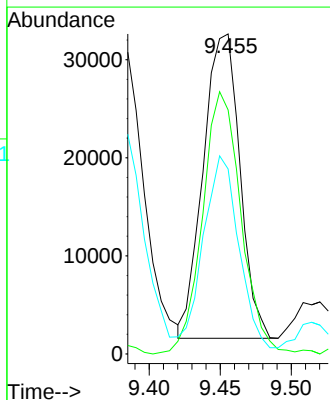
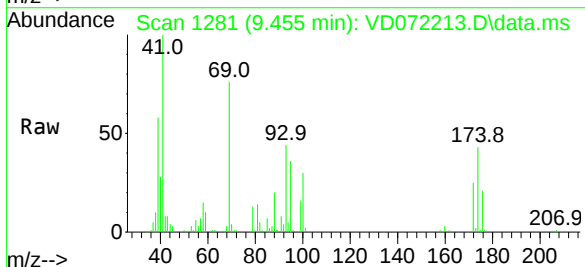
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

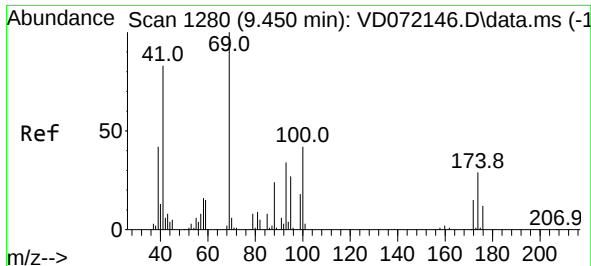
Tgt Ion: 83 Resp: 160230
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.0
127 8.4 6.1 9.1



#48
Methyl methacrylate
Concen: 18.822 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 41 Resp: 55680
Ion Ratio Lower Upper
41 100
69 91.0 56.7 85.1#
39 64.8 42.7 64.1#

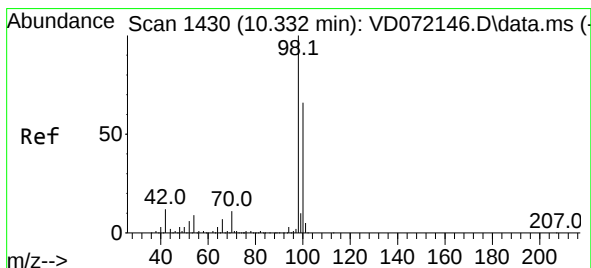
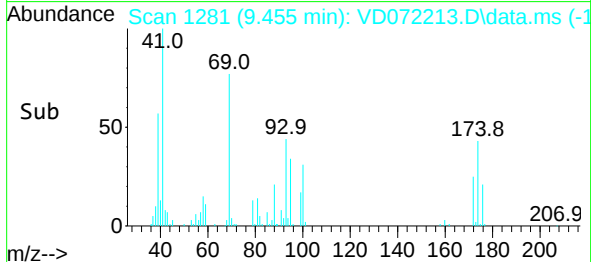
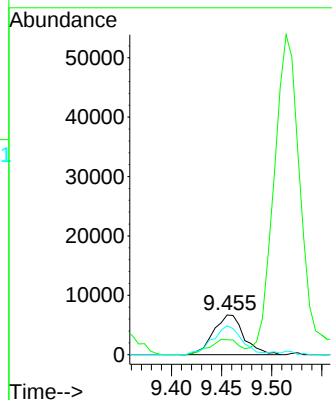
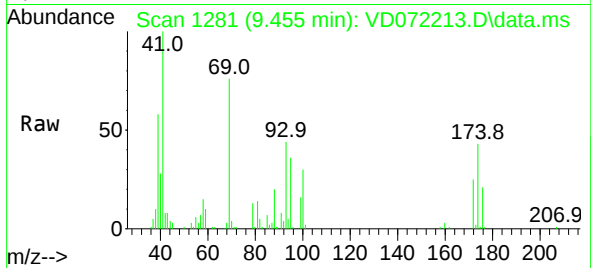




#49
1,4-Dioxane
Concen: 417.485 ug/l
RT: 9.455 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

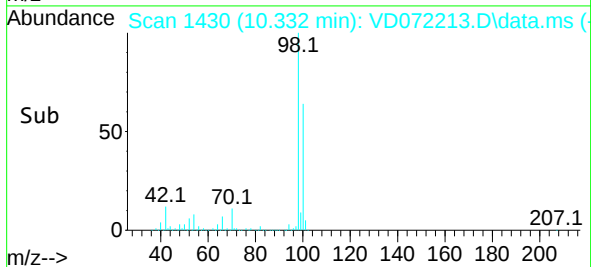
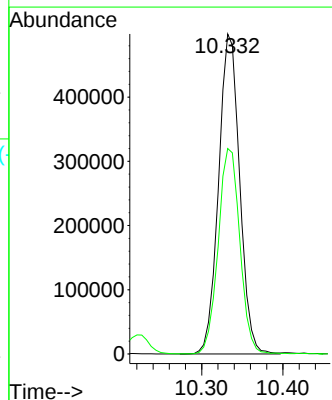
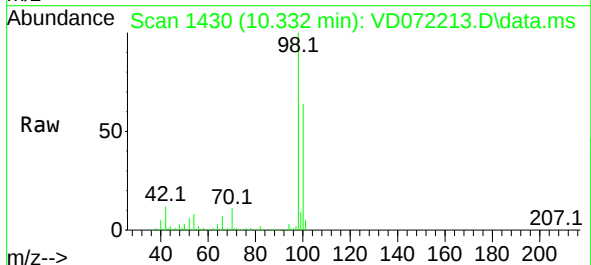
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

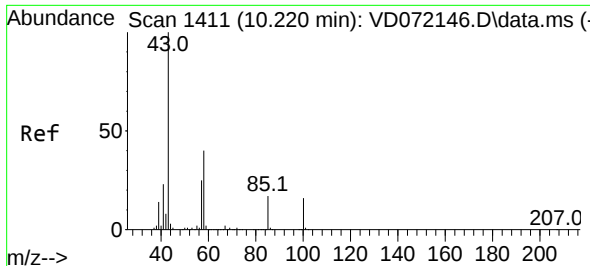
Tgt Ion: 88 Resp: 14040
Ion Ratio Lower Upper
88 100
43 37.5 31.0 46.4
58 69.6 58.1 87.1



#50
Toluene-d8
Concen: 47.377 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 98 Resp: 899808
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

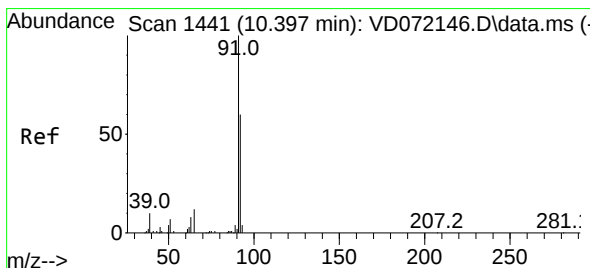
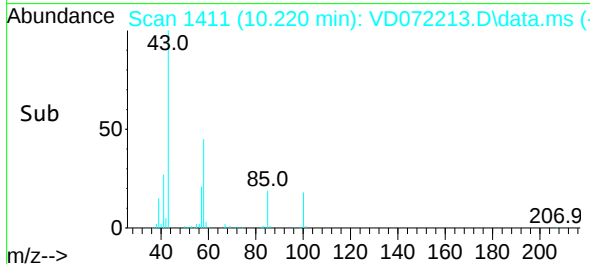
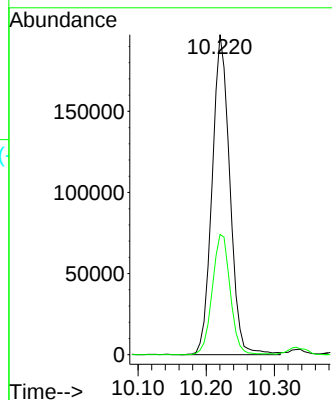
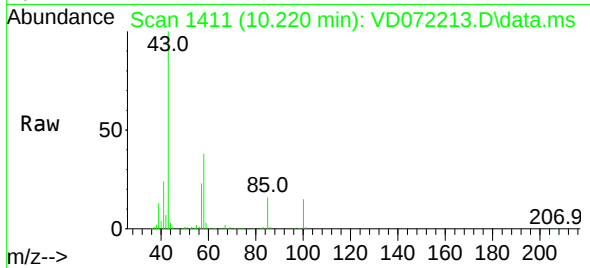




#51
4-Methyl-2-Pentanone
Concen: 109.755 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

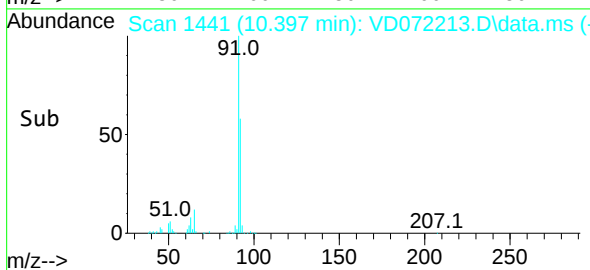
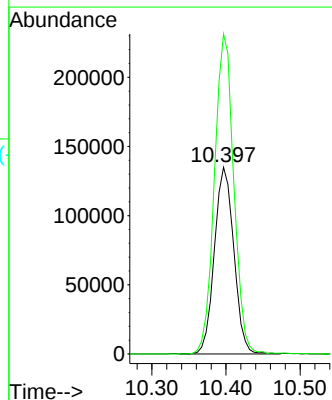
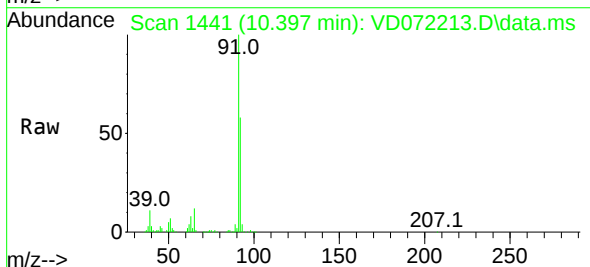
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

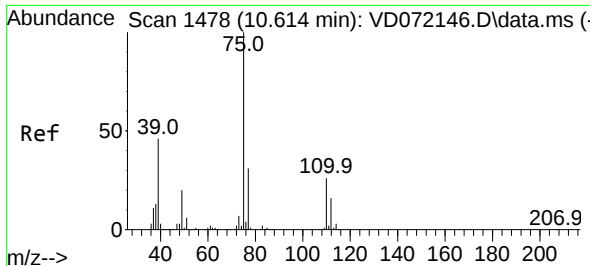
Tgt Ion: 43 Resp: 357130
Ion Ratio Lower Upper
43 100
58 38.1 28.6 43.0



#52
Toluene
Concen: 17.958 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 92 Resp: 245650
Ion Ratio Lower Upper
92 100
91 170.6 139.6 209.4

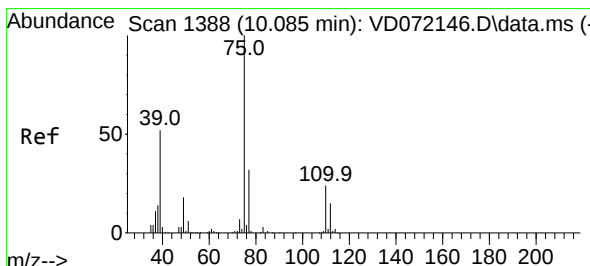
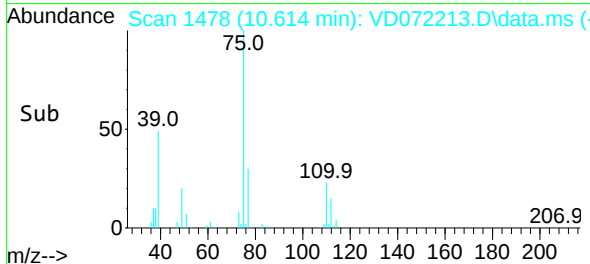
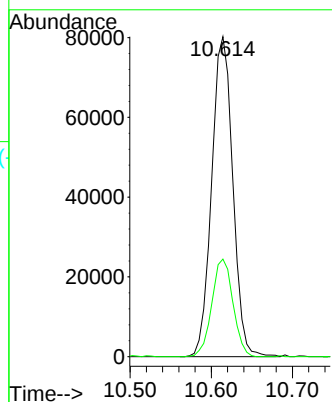
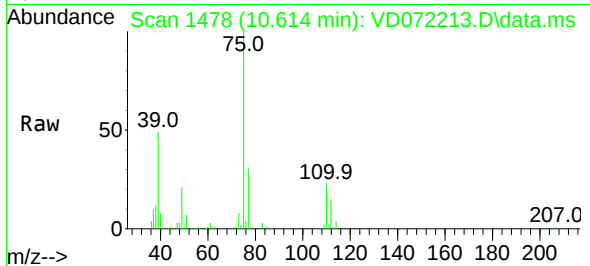




#53
t-1,3-Dichloropropene
Concen: 19.421 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

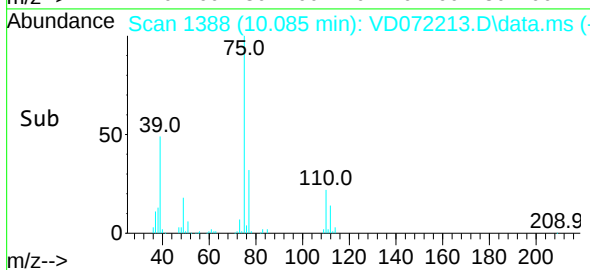
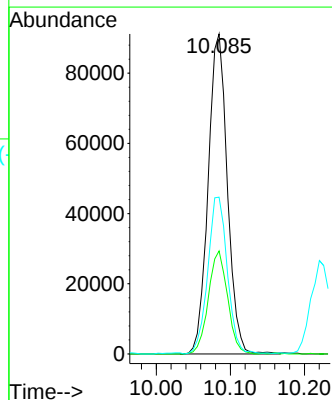
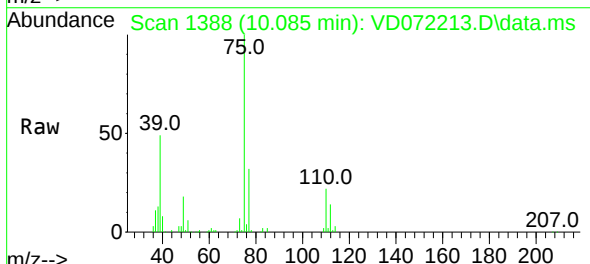
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

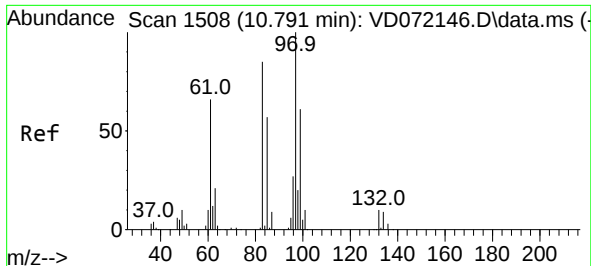
Tgt Ion: 75 Resp: 145064
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 19.025 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 75 Resp: 164280
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 48.7 46.8 70.2

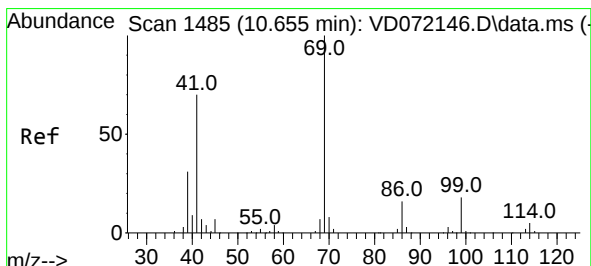
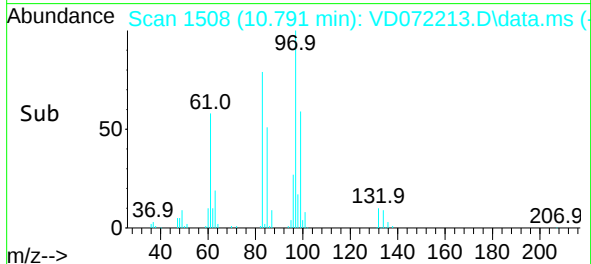
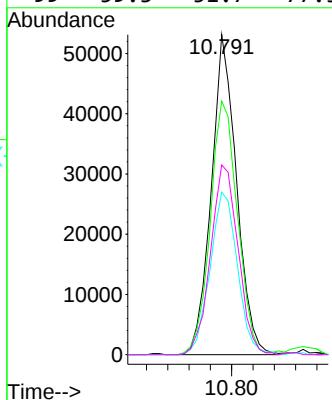
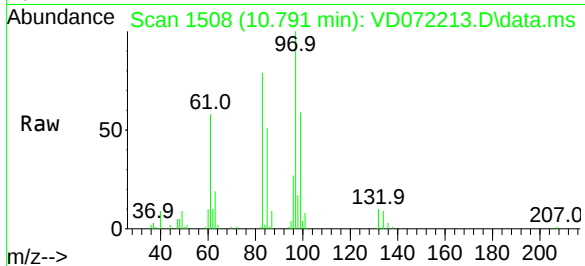




#55
1,1,2-Trichloroethane
Concen: 20.433 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

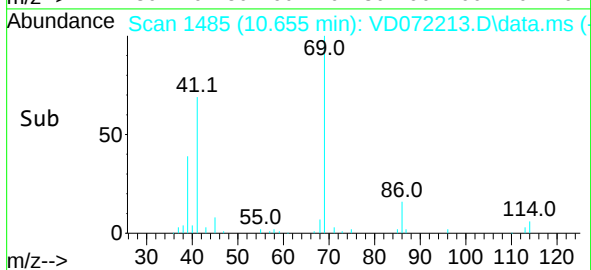
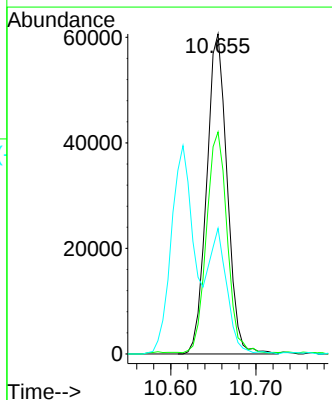
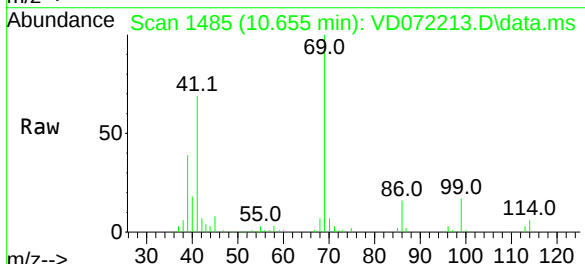
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

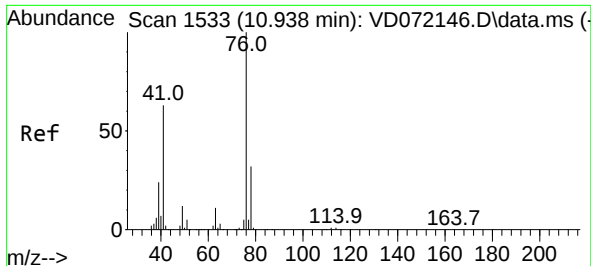
Tgt Ion:	97	Resp:	87292
Ion	Ratio	Lower	Upper
97	100		
83	79.2	69.0	103.4
85	50.8	42.6	63.8
99	59.3	51.7	77.5



#56
Ethyl methacrylate
Concen: 20.236 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion:	69	Resp:	101260
Ion	Ratio	Lower	Upper
69	100		
41	69.7	63.0	94.6
39	34.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 20.064 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

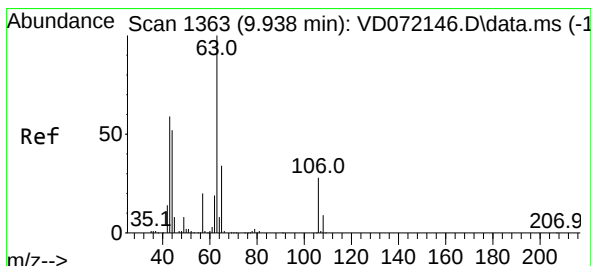
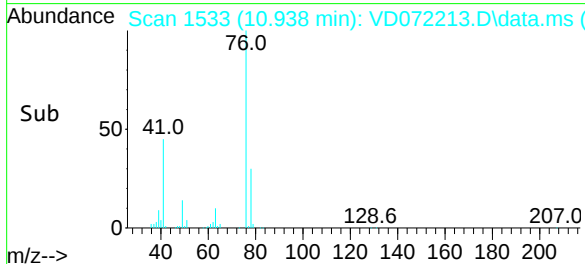
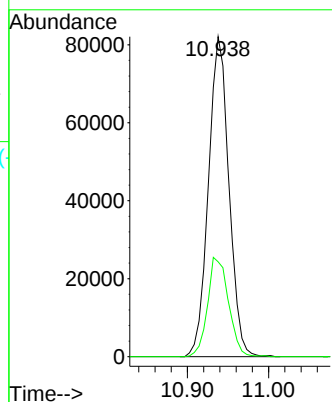
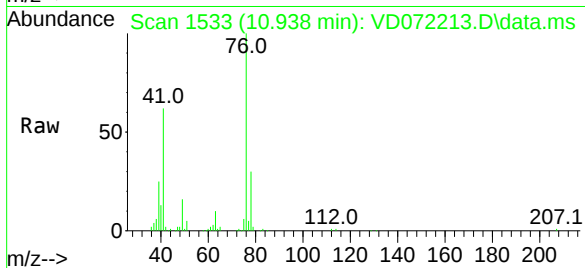
VD0316SBS01

Tgt Ion: 76 Resp: 143860

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 94.432 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072213.D

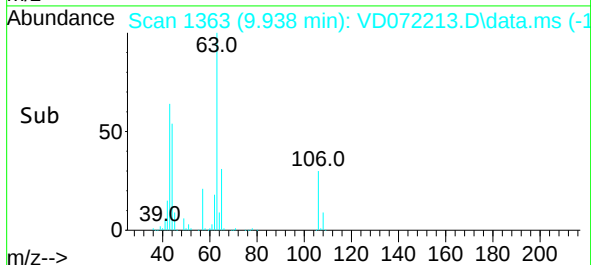
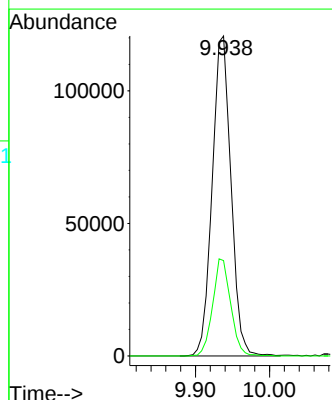
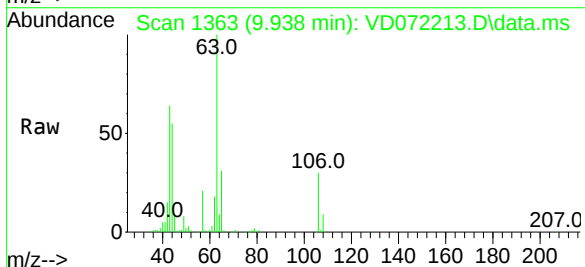
Acq: 16 Mar 2022 12:47

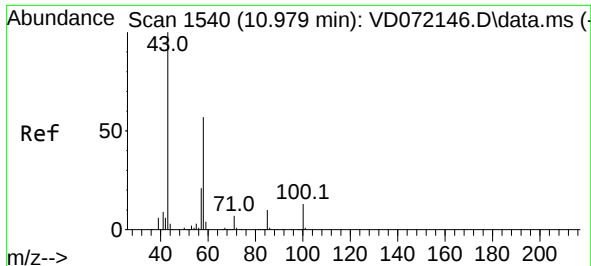
Tgt Ion: 63 Resp: 212463

Ion Ratio Lower Upper

63 100

106 29.1 21.4 32.0

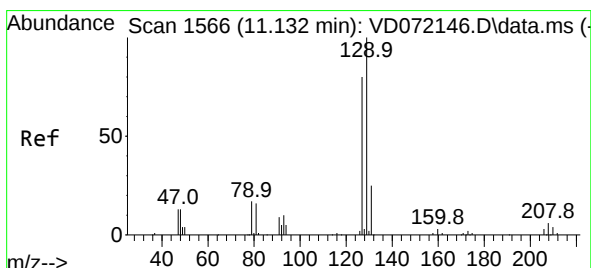
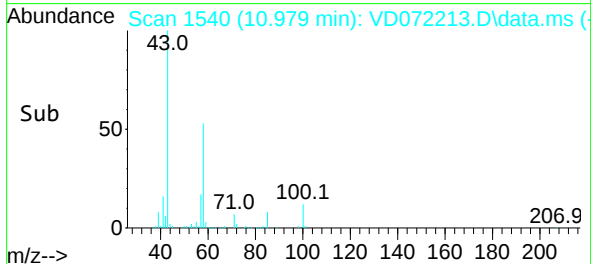
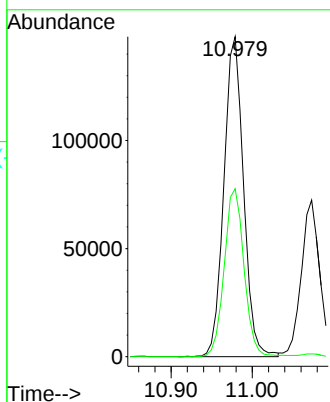
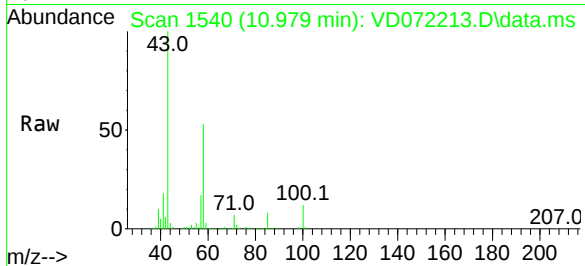




#59
2-Hexanone
Concen: 110.817 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

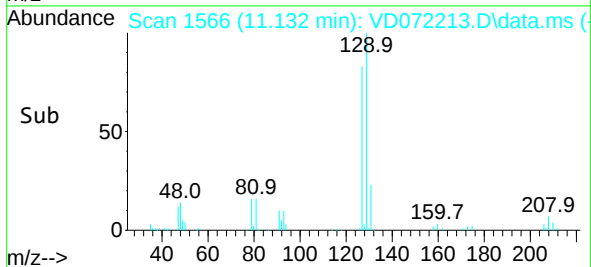
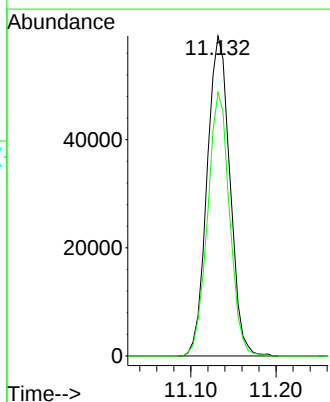
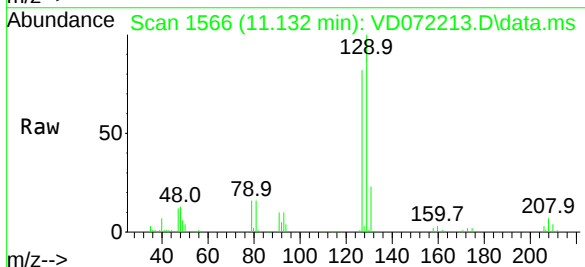
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

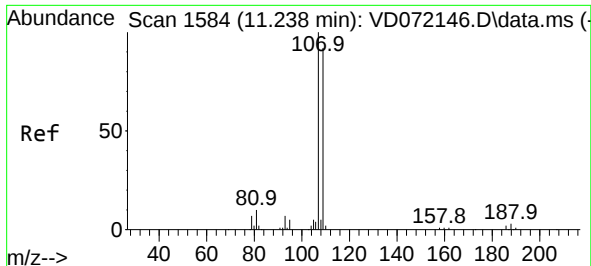
Tgt Ion: 43 Resp: 249046
Ion Ratio Lower Upper
43 100
58 53.0 25.3 75.9



#60
Dibromochloromethane
Concen: 19.876 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 129 Resp: 110183
Ion Ratio Lower Upper
129 100
127 79.4 39.2 117.6

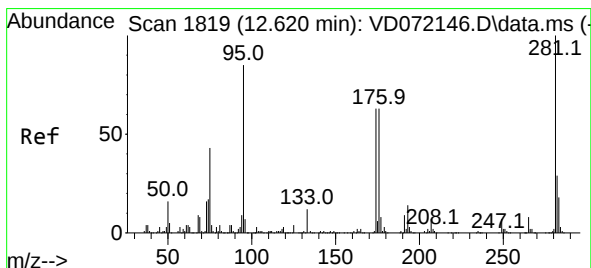
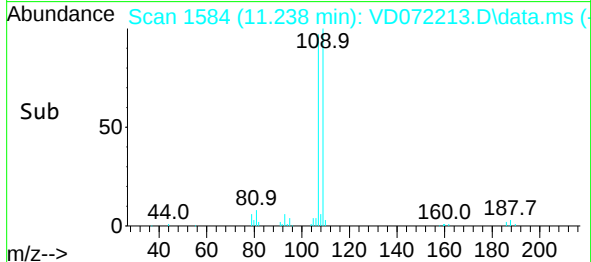
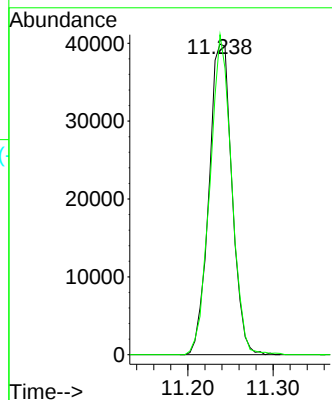
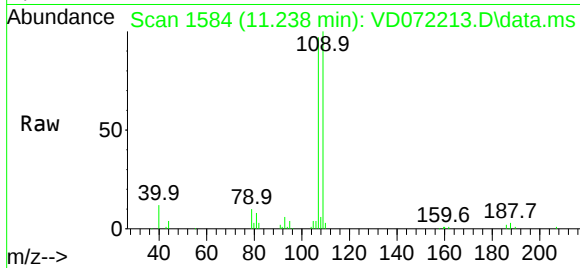




#61
1,2-Dibromoethane
Concen: 19.404 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

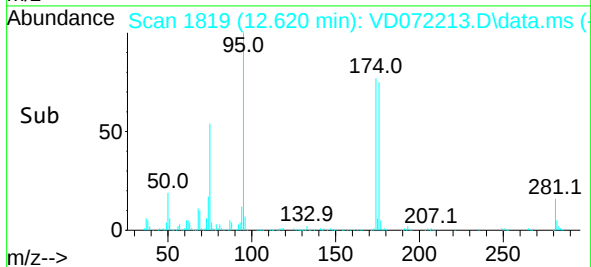
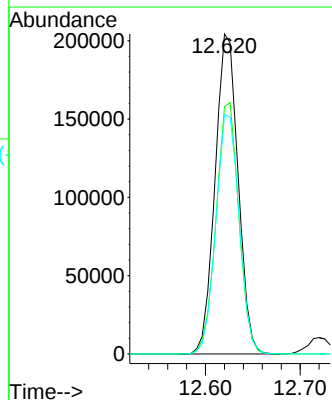
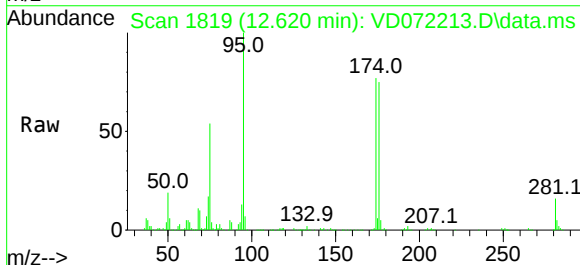
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

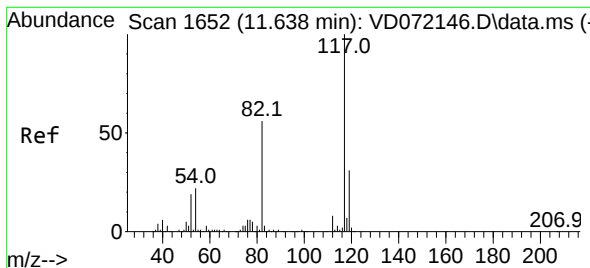
Tgt Ion:107 Resp: 74907
Ion Ratio Lower Upper
107 100
109 97.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 46.693 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 95 Resp: 344572
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 75.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

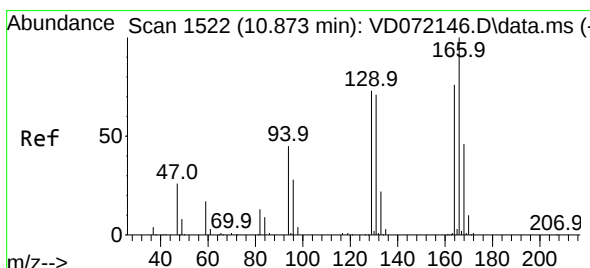
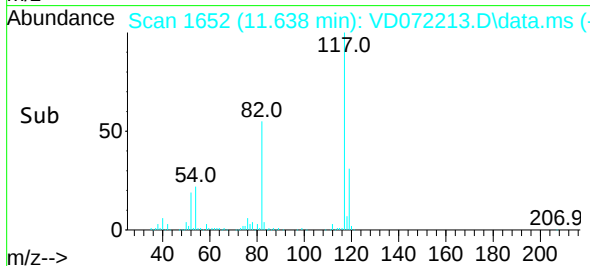
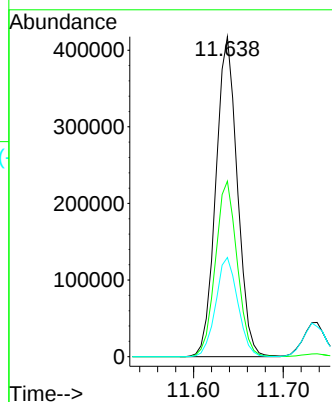
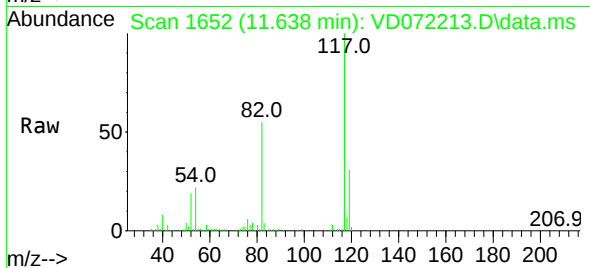
Tgt Ion:117 Resp: 694165

Ion Ratio Lower Upper

117 100

82 54.9 45.3 67.9

119 31.0 26.6 40.0



#64

Tetrachloroethene

Concen: 17.597 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Tgt Ion:164 Resp: 86065

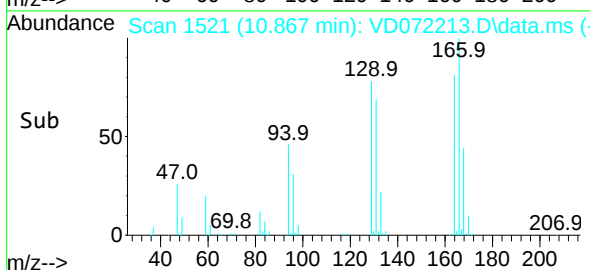
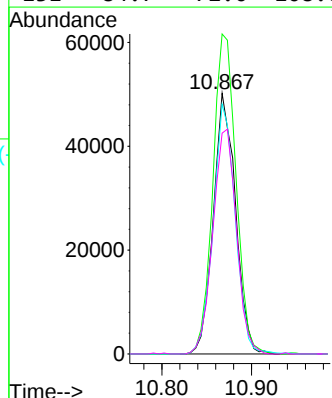
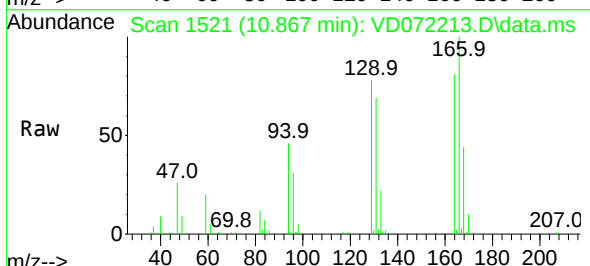
Ion Ratio Lower Upper

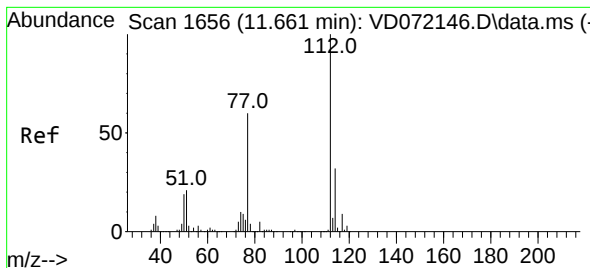
164 100

166 122.8 98.5 147.7

129 95.8 74.6 111.8

131 84.7 72.0 108.0





#65

Chlorobenzene

Concen: 18.614 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

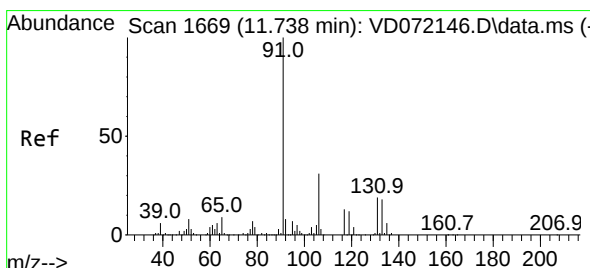
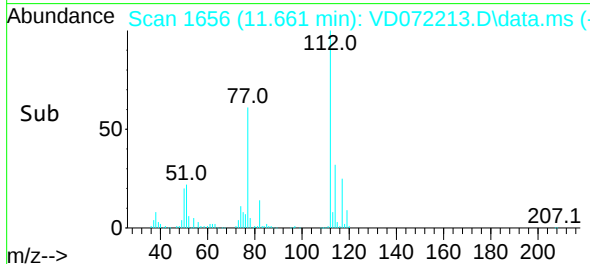
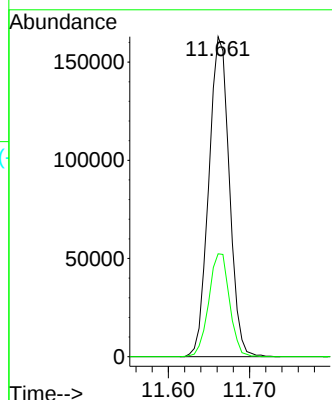
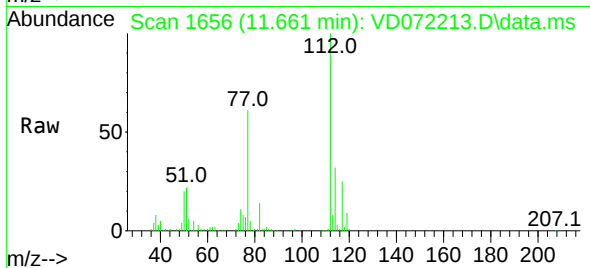
VD0316SBS01

Tgt Ion:112 Resp: 286458

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.126 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

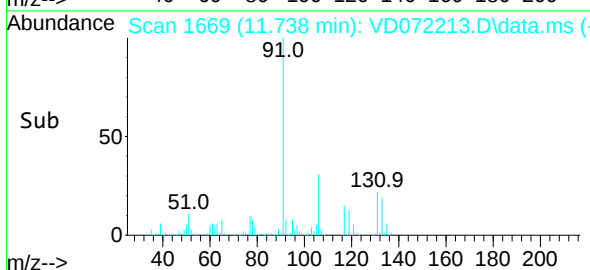
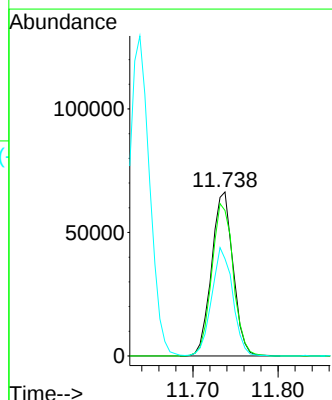
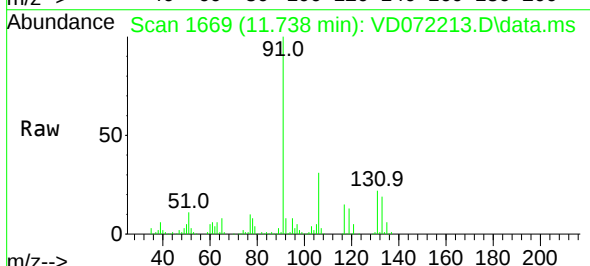
Tgt Ion:131 Resp: 116394

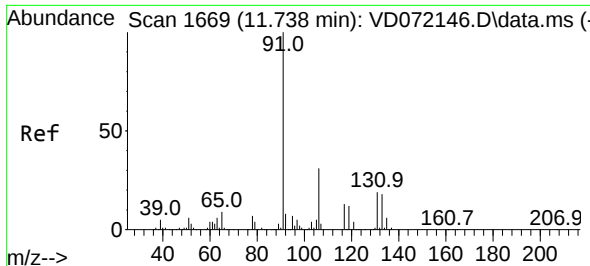
Ion Ratio Lower Upper

131 100

133 93.2 48.1 144.3

119 64.7 31.9 95.9

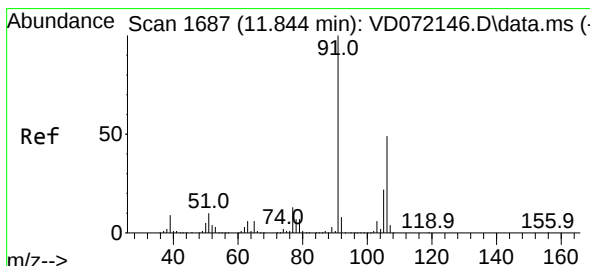
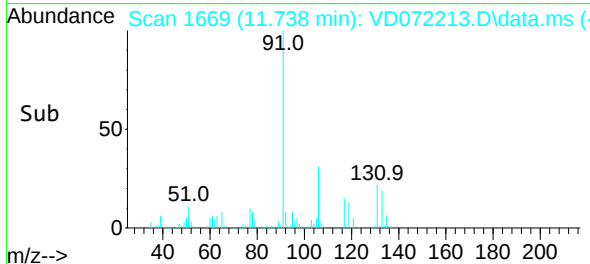
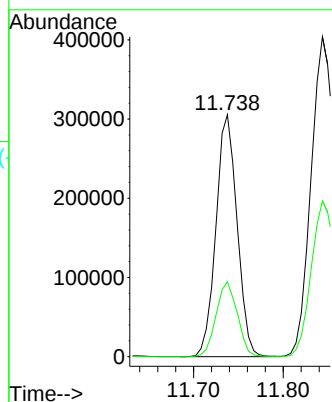
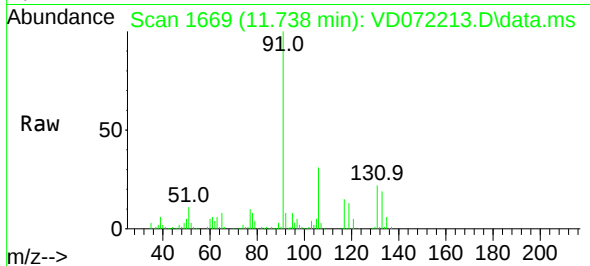




#67
Ethyl Benzene
Concen: 18.174 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

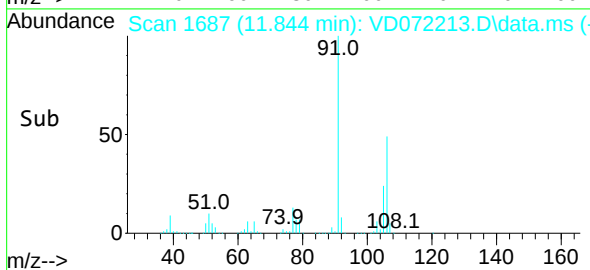
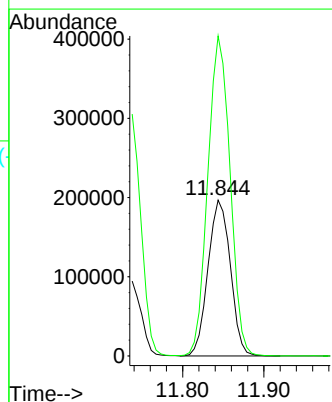
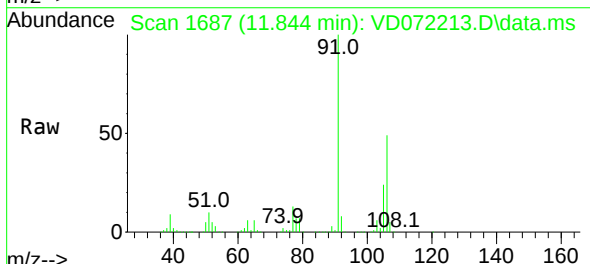
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

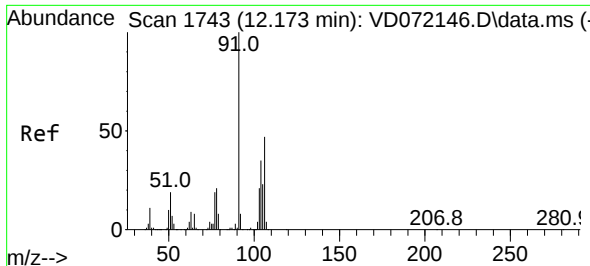
Tgt Ion: 91 Resp: 499537
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 36.090 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 106 Resp: 376667
Ion Ratio Lower Upper
106 100
91 204.3 163.7 245.5

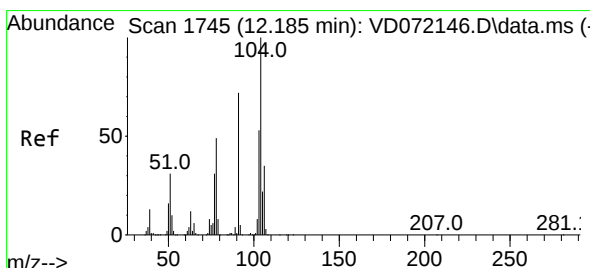
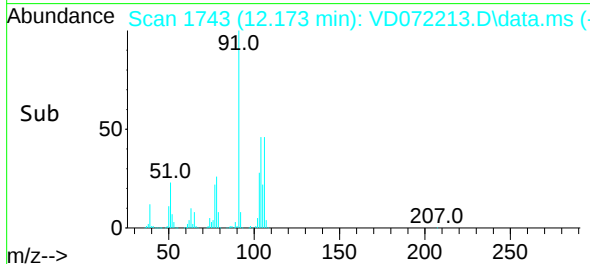
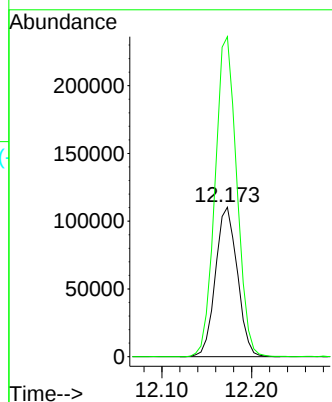
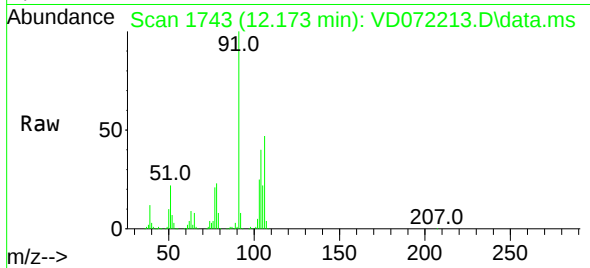




#69
o-Xylene
Concen: 18.664 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

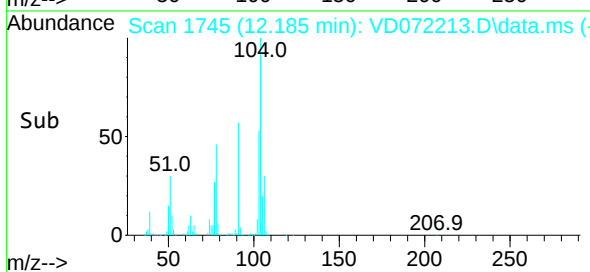
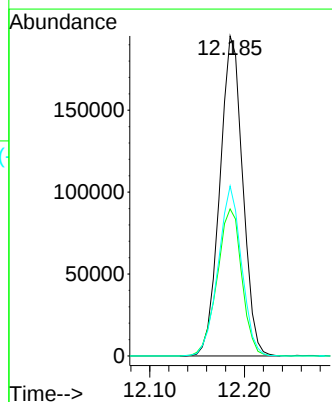
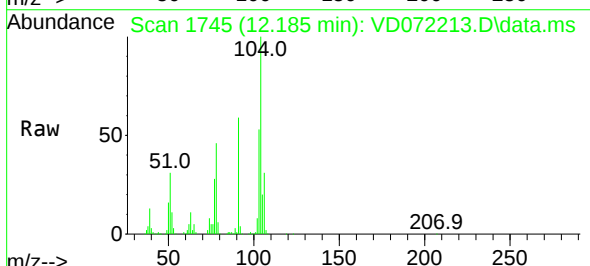
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

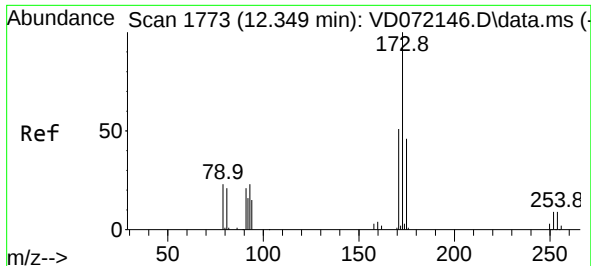
Tgt Ion:106 Resp: 186323
Ion Ratio Lower Upper
106 100
91 213.0 110.4 331.2



#70
Styrene
Concen: 18.839 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion:104 Resp: 328413
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 54.2 44.2 66.4

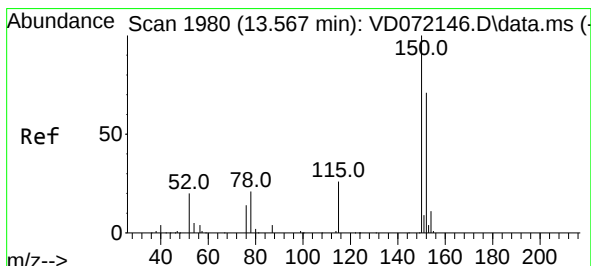
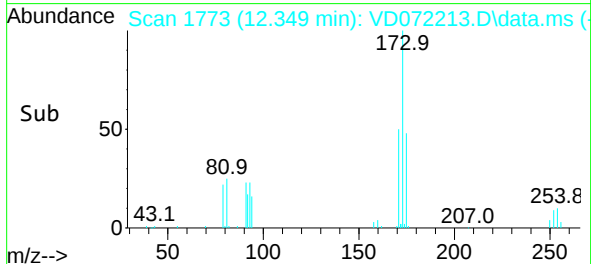
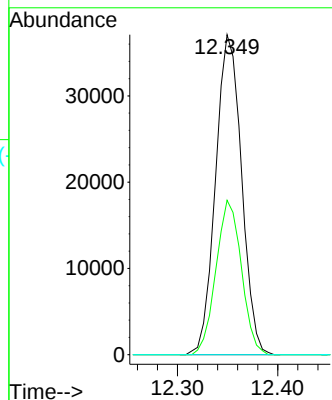
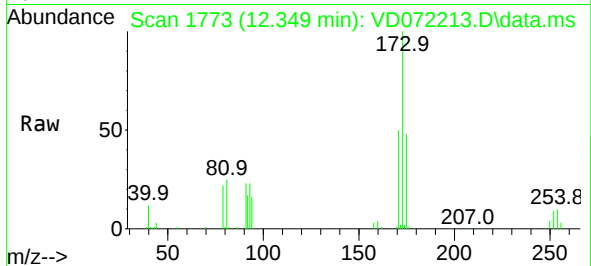




#71
Bromoform
Concen: 20.507 ug/l
RT: 12.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

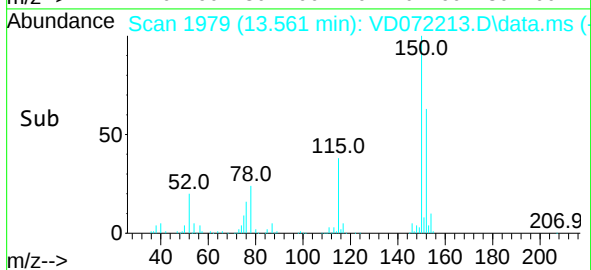
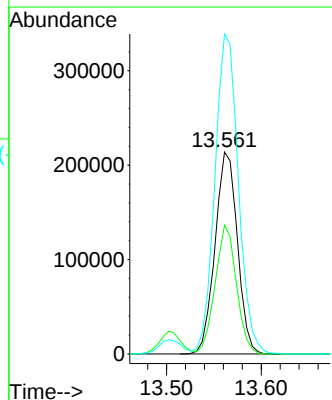
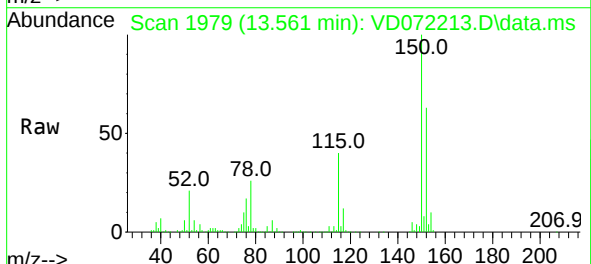
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

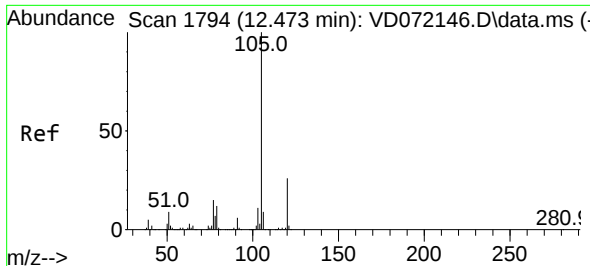
Tgt Ion:173 Resp: 66664
Ion Ratio Lower Upper
173 100
175 47.3 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion:152 Resp: 351168
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 166.5 0.0 348.6

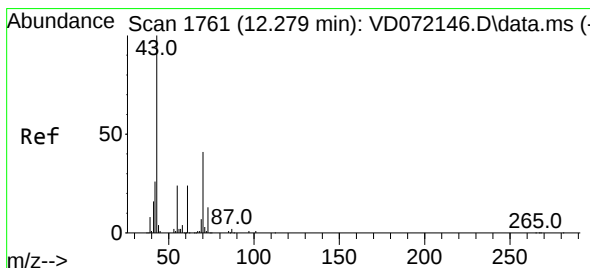
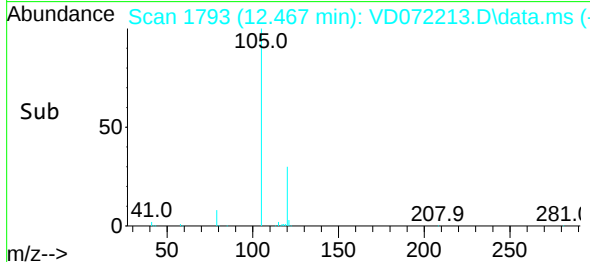
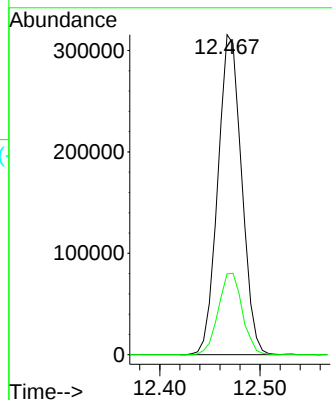
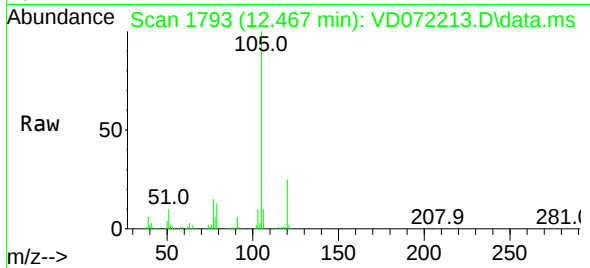




#73
Isopropylbenzene
Concen: 18.636 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

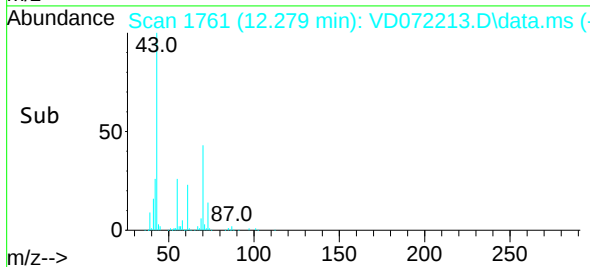
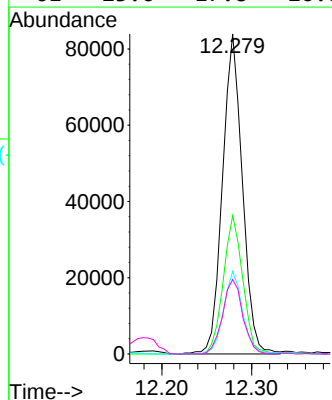
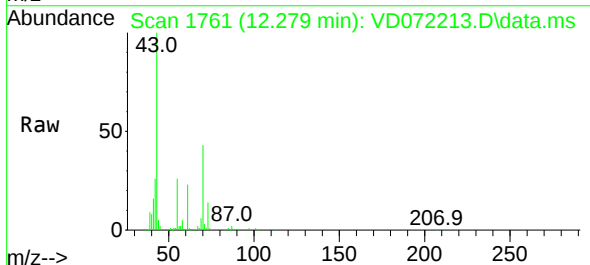
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

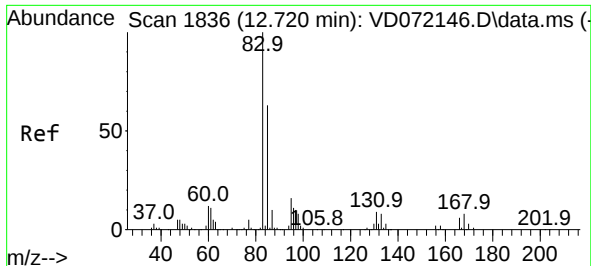
Tgt Ion:105 Resp: 518607
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9



#74
N-ethyl acetate
Concen: 21.577 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 43 Resp: 129039
Ion Ratio Lower Upper
43 100
70 42.2 31.3 46.9
55 25.0 20.0 30.0
61 23.6 17.8 26.8

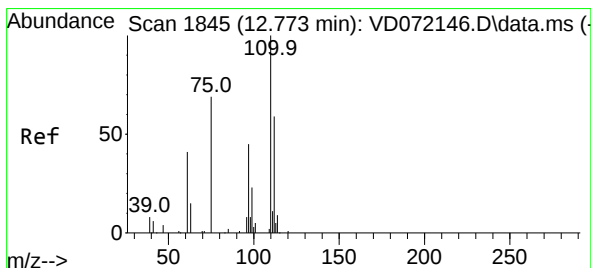
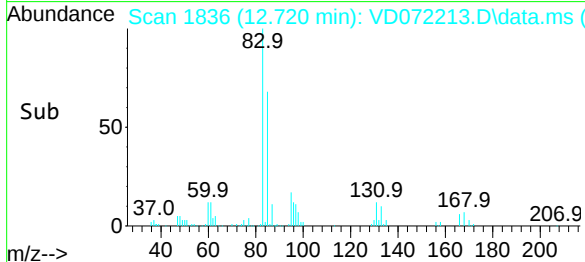
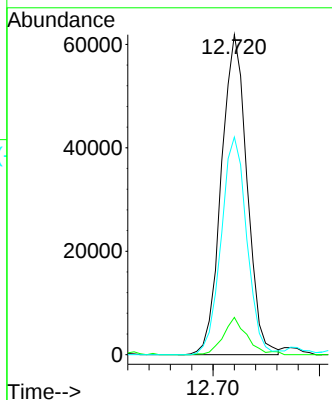
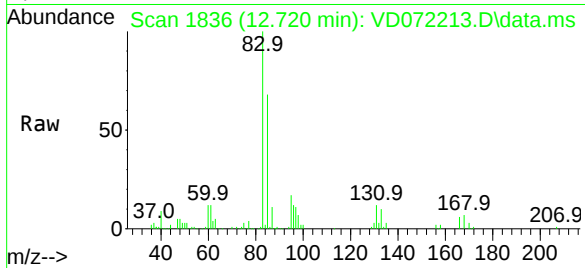




#75
1,1,2,2-Tetrachloroethane
Concen: 20.808 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

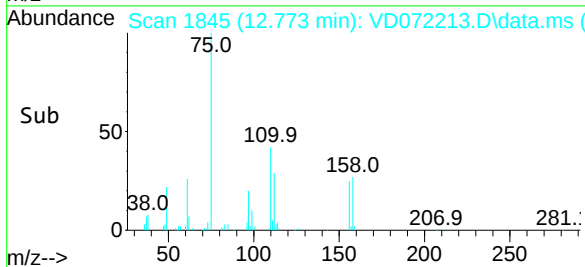
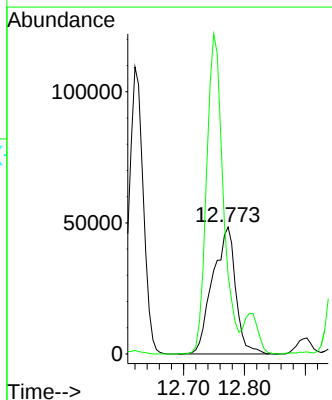
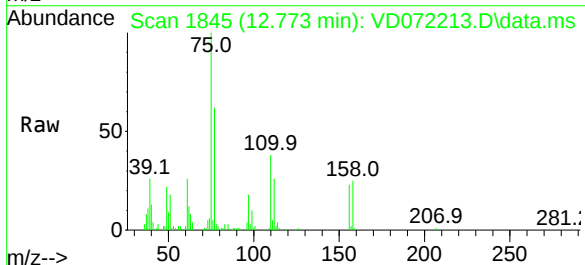
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

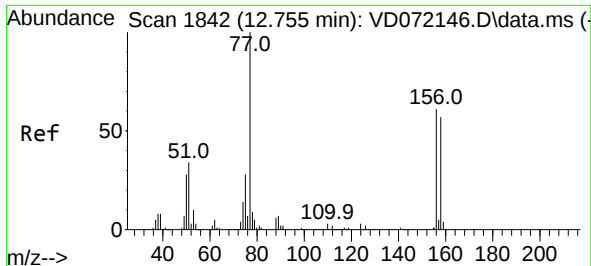
Tgt Ion: 83 Resp: 103562
Ion Ratio Lower Upper
83 100
131 10.8 5.0 14.9
85 68.1 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 32.736 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 75 Resp: 126810
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

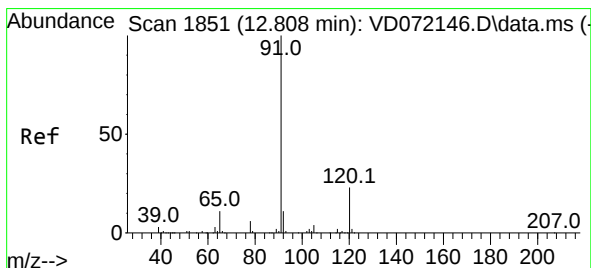
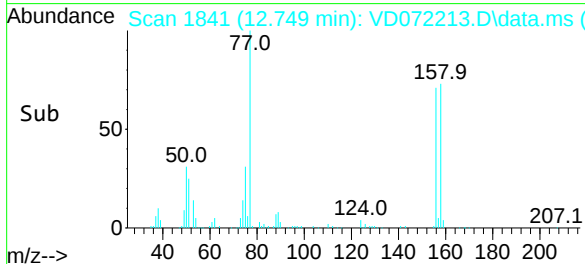
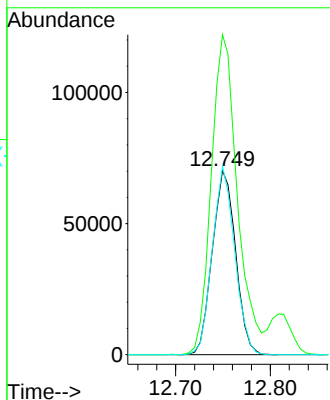
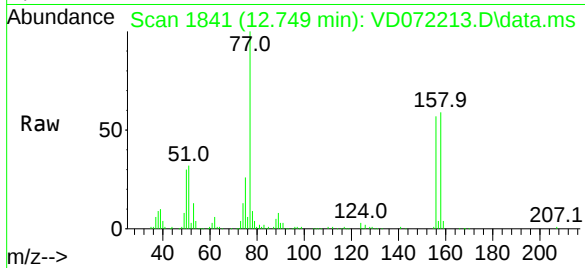




#77
Bromobenzene
Concen: 19.174 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

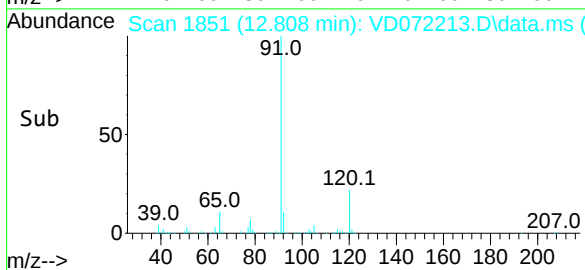
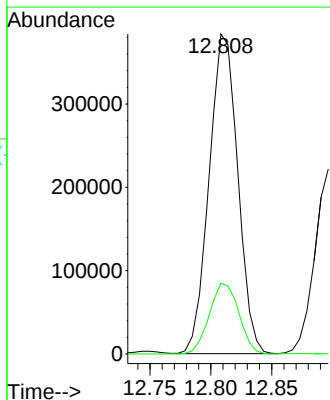
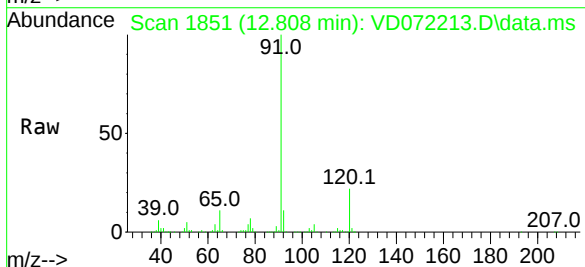
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

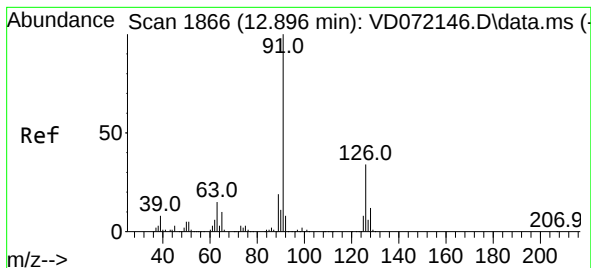
Tgt Ion:156 Resp: 120098
Ion Ratio Lower Upper
156 100
77 193.8 102.8 308.3
158 98.5 48.7 146.1



#78
n-propylbenzene
Concen: 18.626 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 91 Resp: 629584
Ion Ratio Lower Upper
91 100
120 22.7 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.180 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

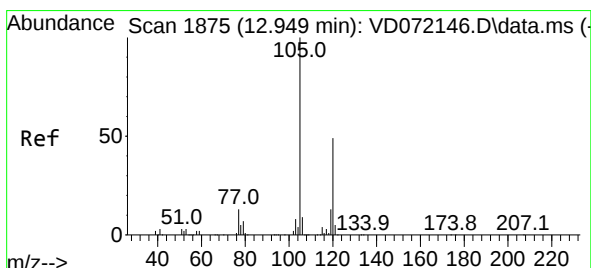
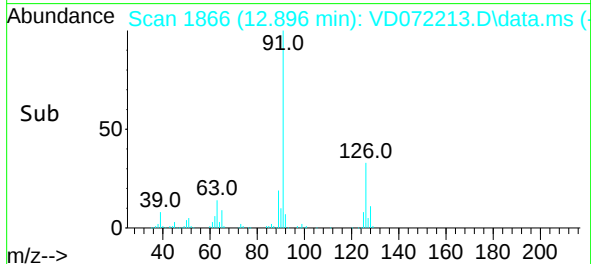
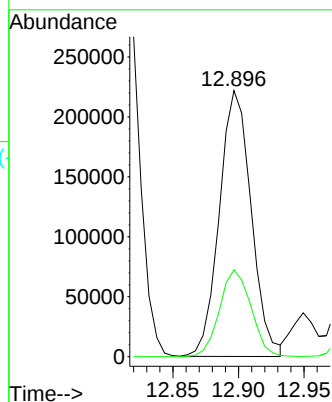
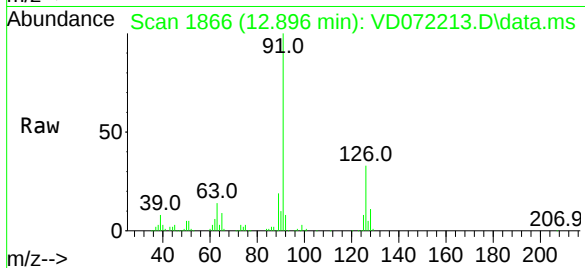
VD0316SBS01

Tgt Ion: 91 Resp: 374881

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 19.321 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD072213.D

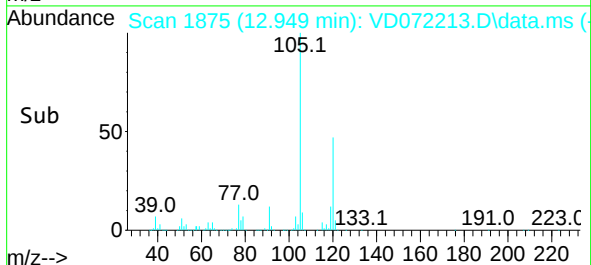
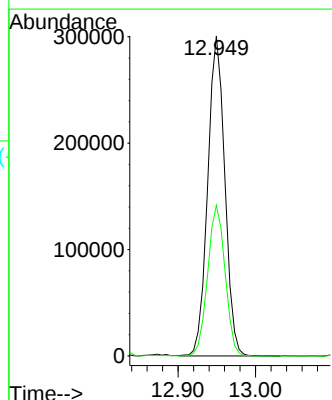
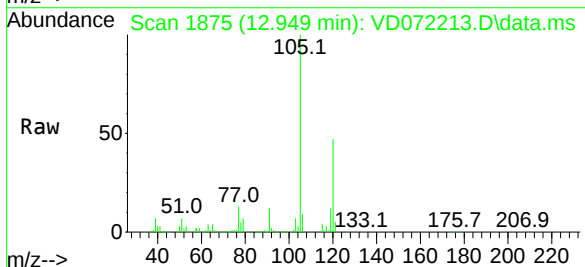
Acq: 16 Mar 2022 12:47

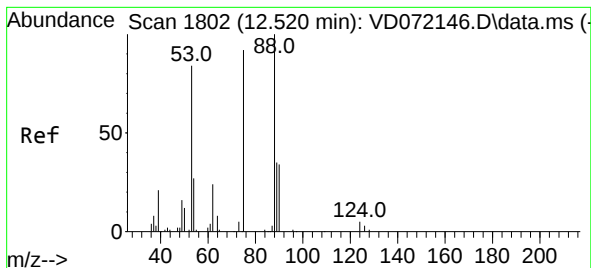
Tgt Ion: 105 Resp: 461920

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.8

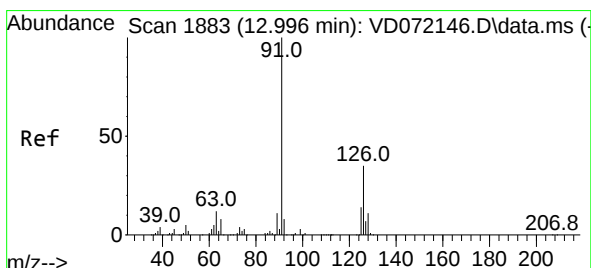
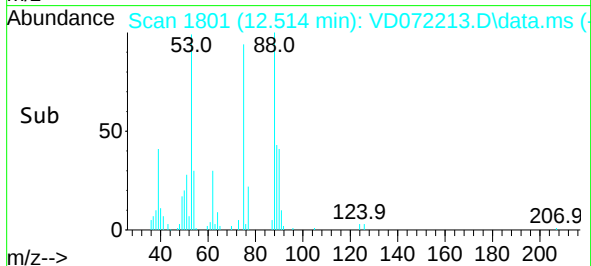
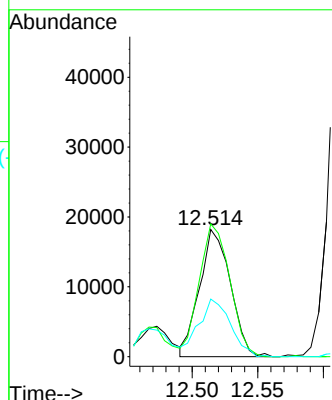
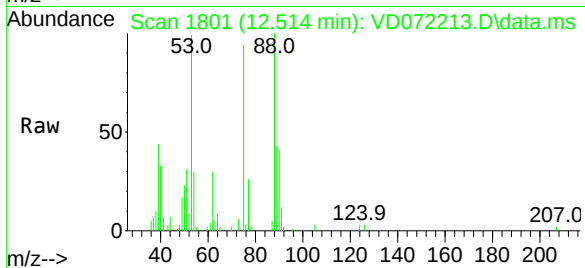




#81
trans-1,4-Dichloro-2-butene
Concen: 19.041 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

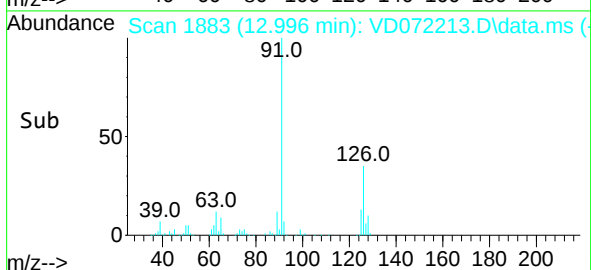
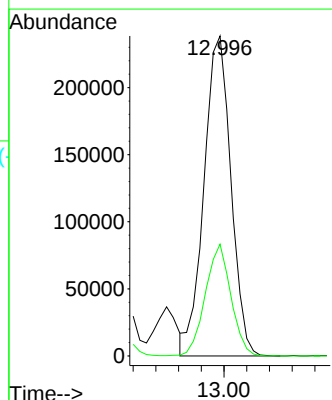
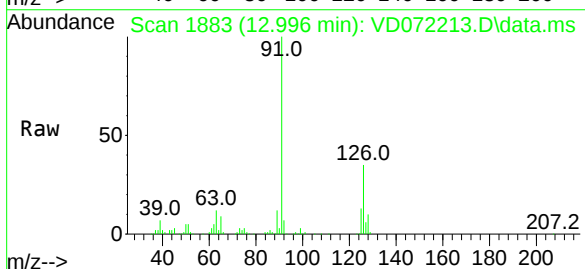
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

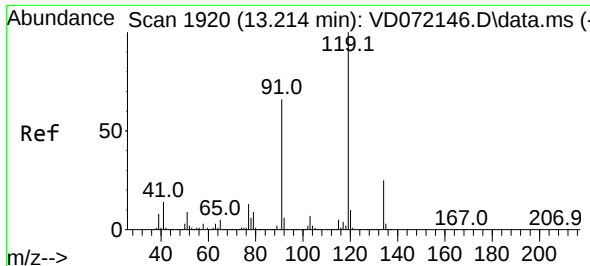
Tgt Ion: 75 Resp: 29728
Ion Ratio Lower Upper
75 100
53 104.2 86.5 129.7
89 46.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 19.351 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion: 91 Resp: 391621
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5

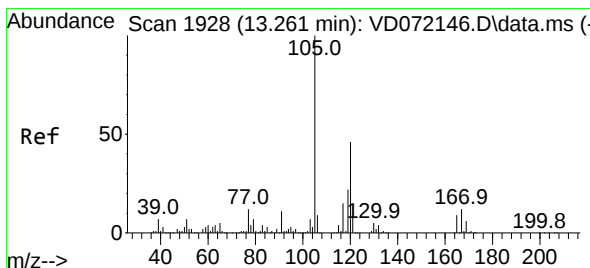
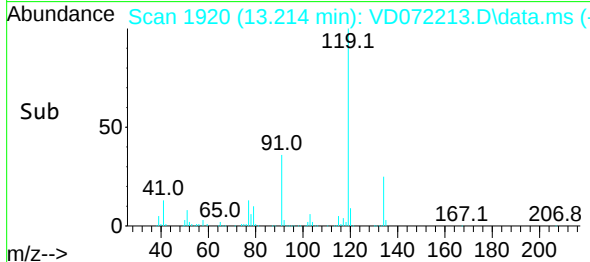
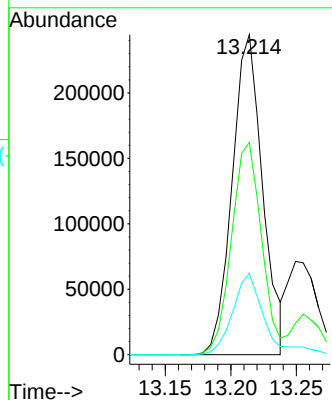
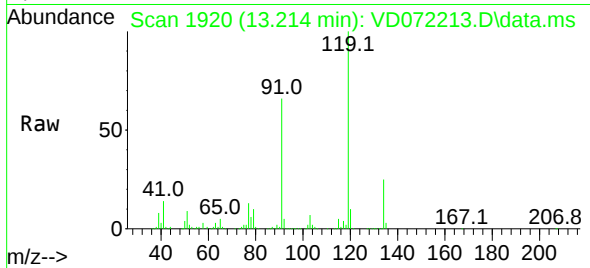




#83
tert-Butylbenzene
Concen: 18.857 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

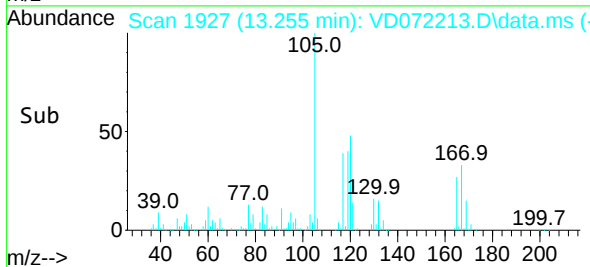
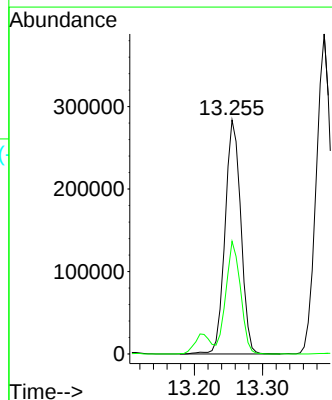
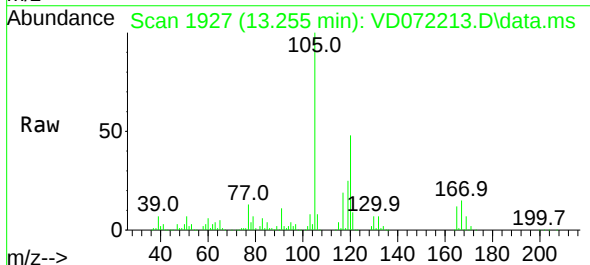
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

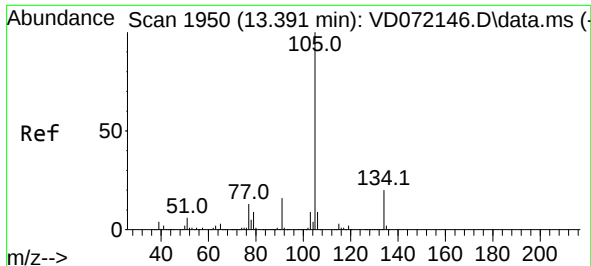
Tgt Ion:119 Resp: 395233
Ion Ratio Lower Upper
119 100
91 65.2 34.8 104.5
134 26.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.392 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion:105 Resp: 456801
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8

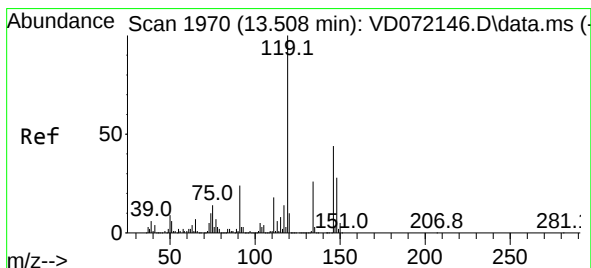
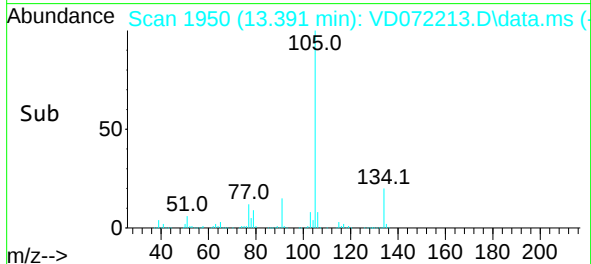
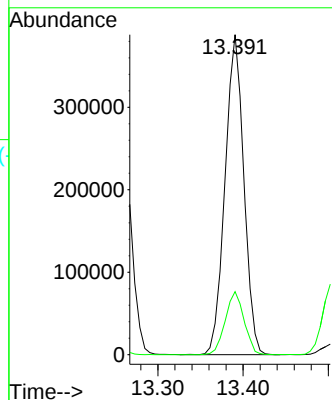
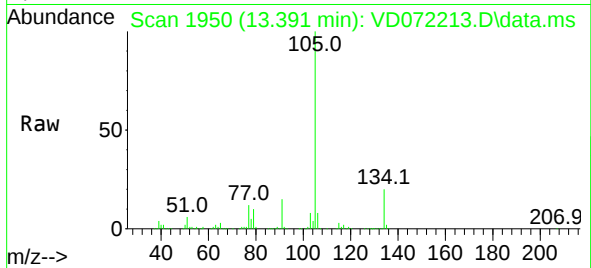




#85
 sec-Butylbenzene
 Concen: 18.897 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072213.D
 Acq: 16 Mar 2022 12:47

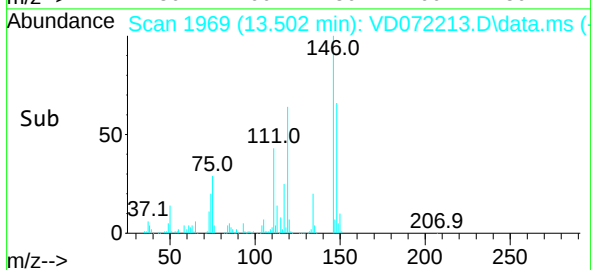
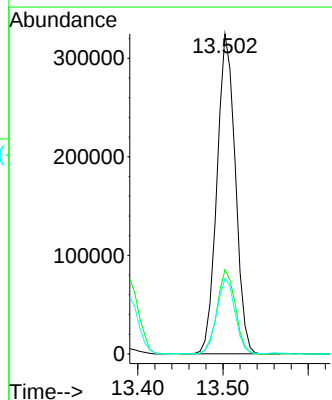
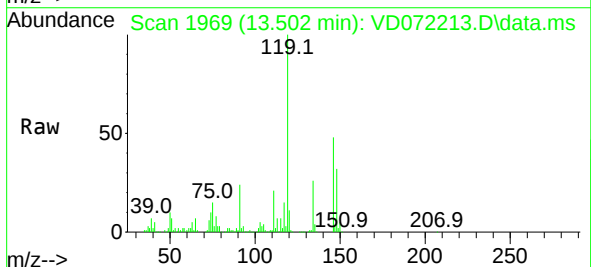
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

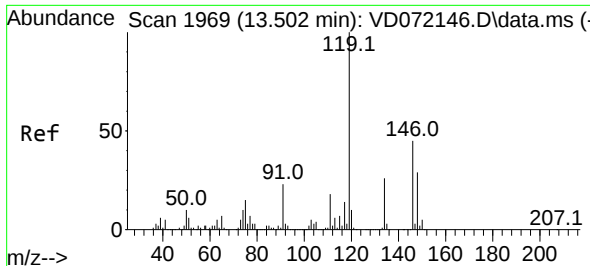
Tgt Ion:105 Resp: 594793
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.726 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072213.D
 Acq: 16 Mar 2022 12:47

Tgt Ion:119 Resp: 485027
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 23.6 12.1 36.3

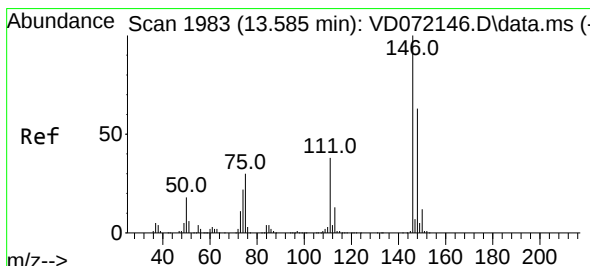
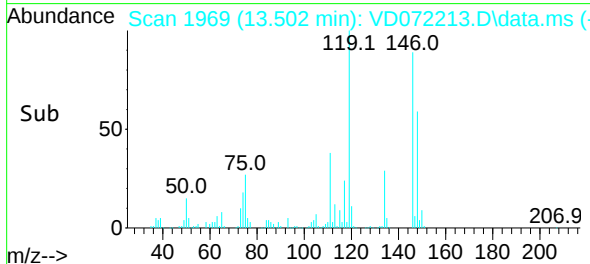
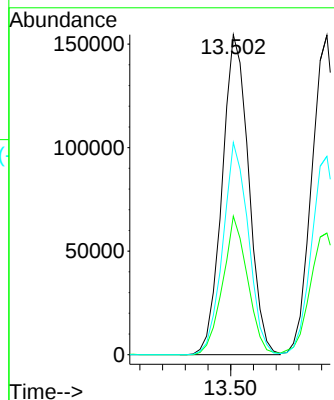
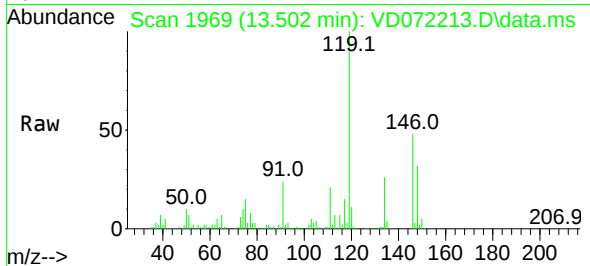




#87
1,3-Dichlorobenzene
Concen: 19.029 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

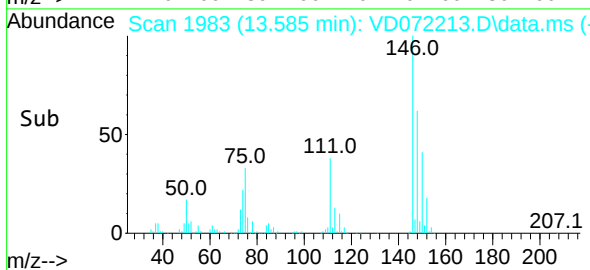
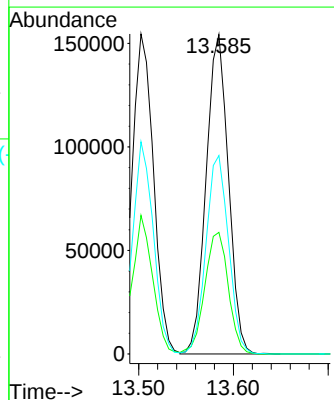
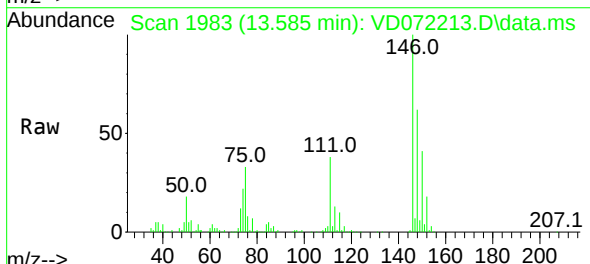
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

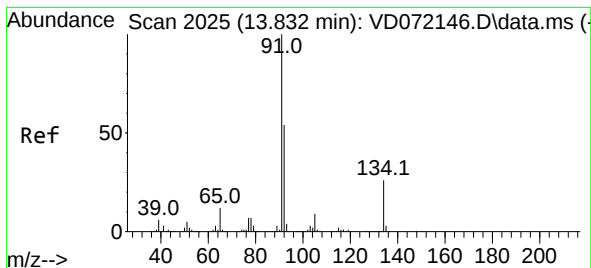
Tgt Ion:146 Resp: 249798
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 64.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.348 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072213.D
Acq: 16 Mar 2022 12:47

Tgt Ion:146 Resp: 251853
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 63.2 31.7 95.1





#89

n-Butylbenzene

Concen: 18.872 ug/l

RT: 13.826 min Scan# 2025

Delta R.T. -0.006 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

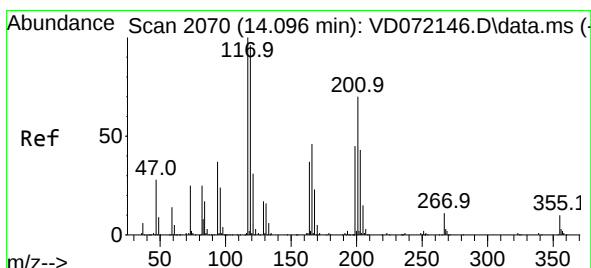
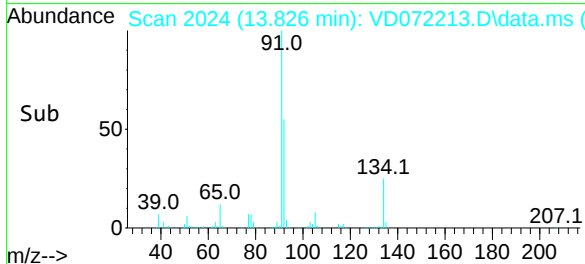
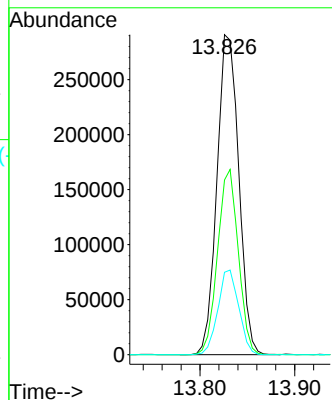
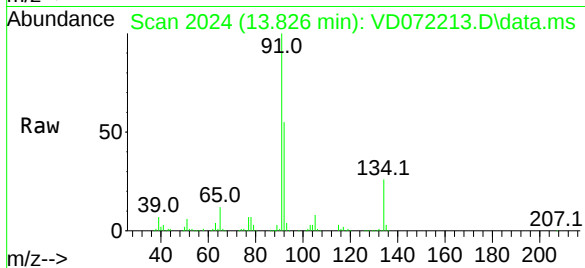
Tgt Ion: 91 Resp: 465906

Ion Ratio Lower Upper

91 100

92 55.1 26.6 79.8

134 25.3 12.3 36.9



#90

Hexachloroethane

Concen: 18.441 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD072213.D

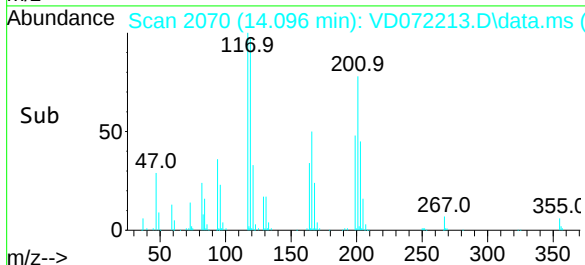
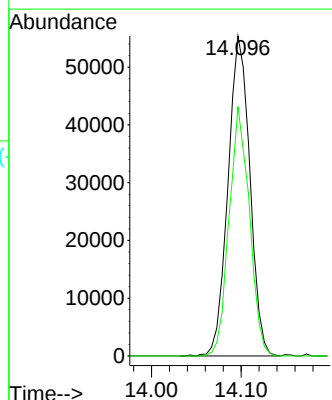
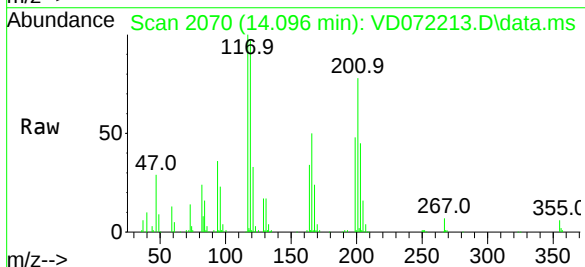
Acq: 16 Mar 2022 12:47

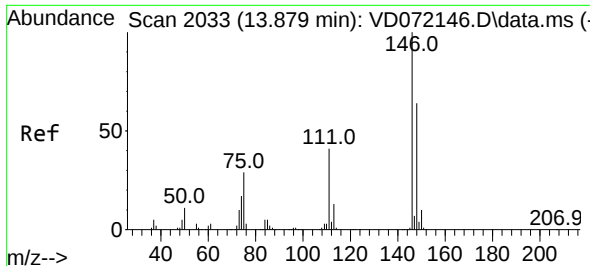
Tgt Ion: 117 Resp: 93612

Ion Ratio Lower Upper

117 100

201 72.4 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 19.582 ug/l

RT: 13.873 min Scan# 2033

Delta R.T. -0.006 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

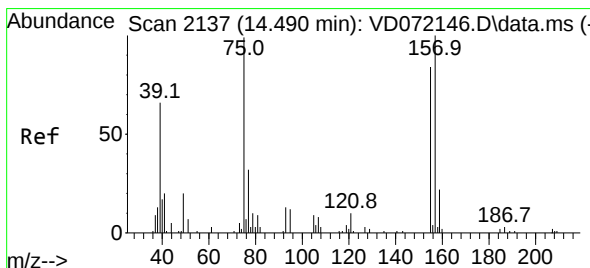
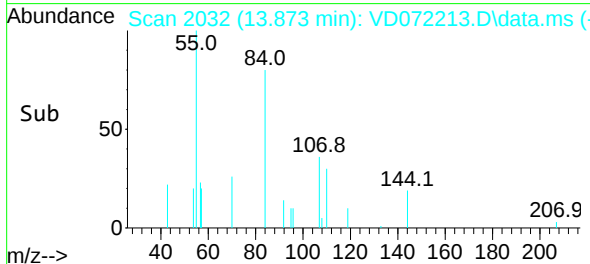
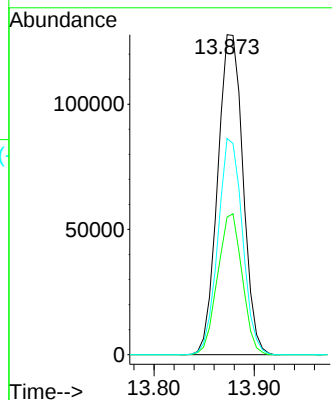
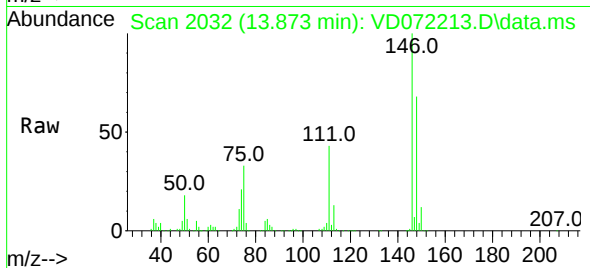
Tgt Ion:146 Resp: 224112

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.3

148 65.5 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.255 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

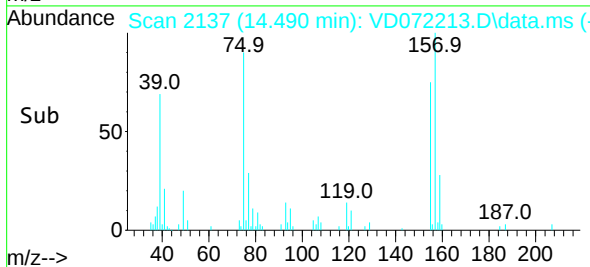
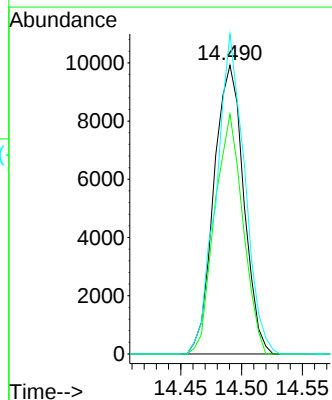
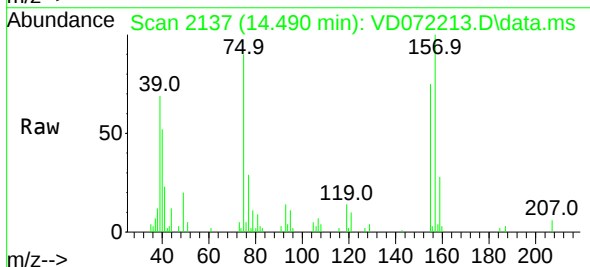
Tgt Ion: 75 Resp: 16883

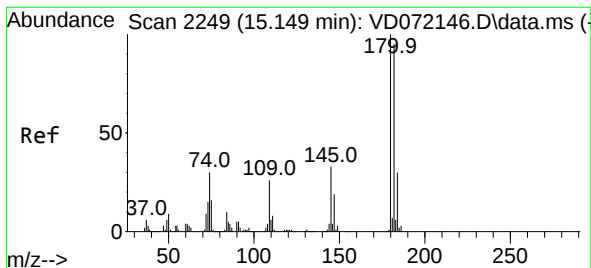
Ion Ratio Lower Upper

75 100

155 78.8 36.8 110.3

157 105.7 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 19.171 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

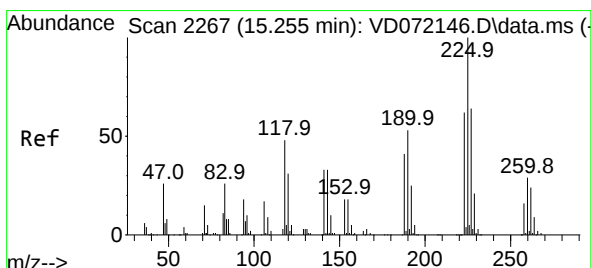
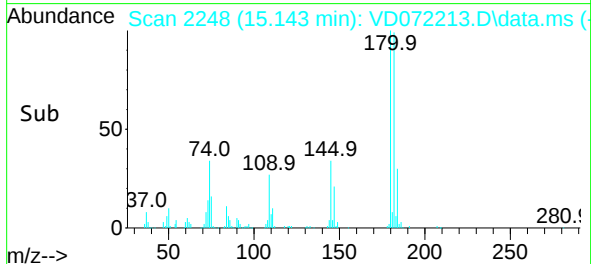
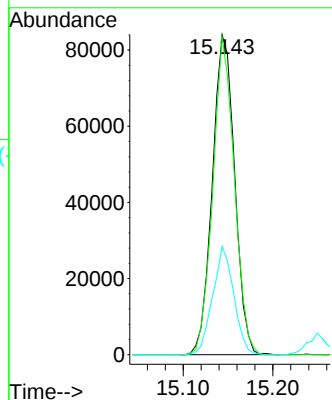
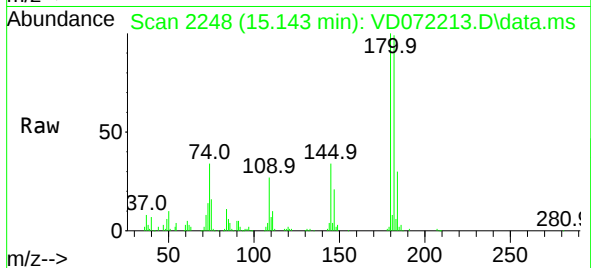
Tgt Ion:180 Resp: 145261

Ion Ratio Lower Upper

180 100

182 95.5 47.3 142.0

145 32.0 16.2 48.5



#94

Hexachlorobutadiene

Concen: 18.620 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

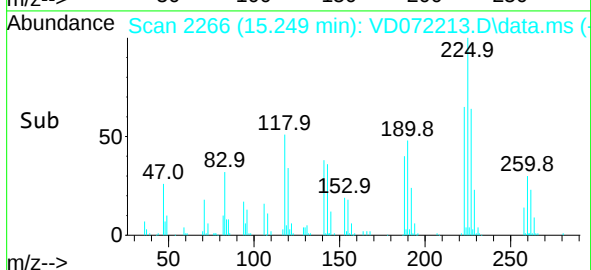
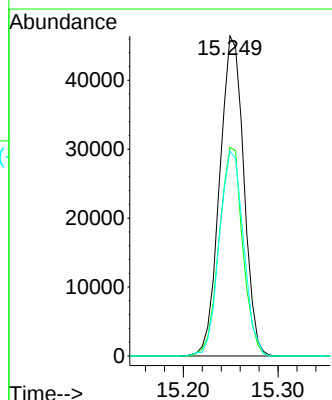
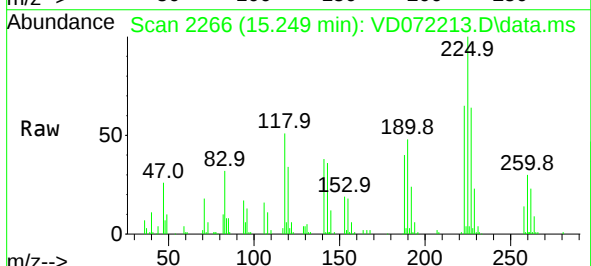
Tgt Ion:225 Resp: 82072

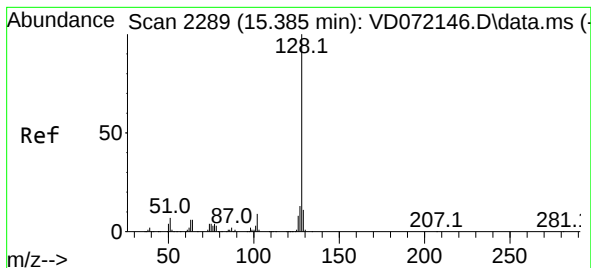
Ion Ratio Lower Upper

225 100

223 63.9 31.1 93.2

227 64.3 32.4 97.0





#95

Naphthalene

Concen: 19.832 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

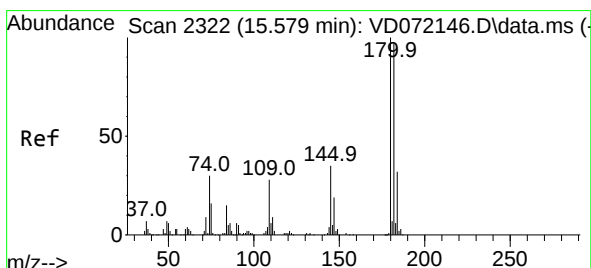
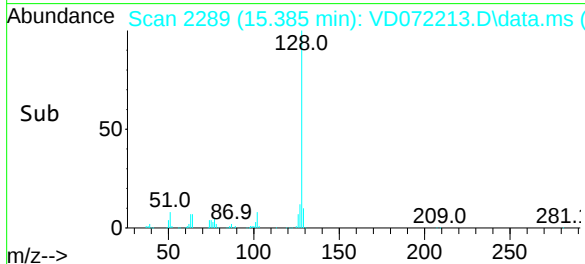
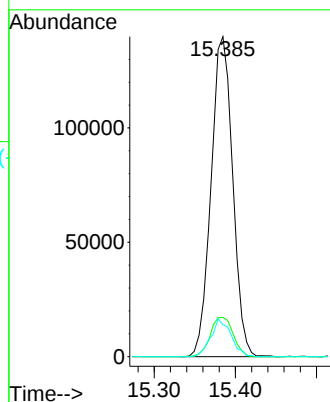
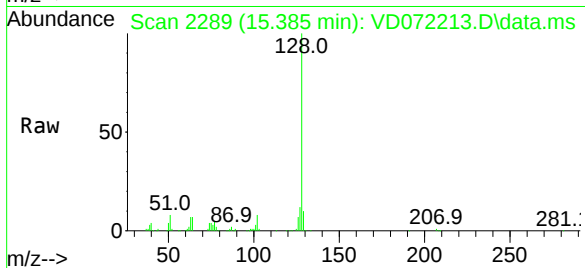
Tgt Ion:128 Resp: 259038

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: 19.497 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VD072213.D

Acq: 16 Mar 2022 12:47

Tgt Ion:180 Resp: 127874

Ion Ratio Lower Upper

180 100

182 96.9 47.6 142.9

145 32.2 17.1 51.3

