

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071897.D
 Acq On : 04 Feb 2022 14:29
 Operator : VA/SY
 Sample : VD0204SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01

Quant Time: Feb 07 04:18:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	392206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	653110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	604885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	297909	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	235838	47.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.140%
35) Dibromofluoromethane	7.908	113	210388	49.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.332	98	798926	49.829	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.620	95	275168	49.146	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.300%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	100893	21.693	ug/l	96
3) Chloromethane	2.209	50	107682	19.338	ug/l	95
4) Vinyl Chloride	2.344	62	115537	19.819	ug/l	95
5) Bromomethane	2.750	94	72789	18.924	ug/l	96
6) Chloroethane	2.914	64	74543	20.177	ug/l	95
7) Trichlorofluoromethane	3.262	101	165398	19.797	ug/l	93
8) Diethyl Ether	3.709	74	40691	18.459	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	96387	20.450	ug/l	99
10) Methyl Iodide	4.297	142	70504	14.591	ug/l #	94
11) Tert butyl alcohol	5.220	59	27649	62.448	ug/l #	91
12) 1,1-Dichloroethene	4.061	96	82511	19.149	ug/l	97
13) Acrolein	3.926	56	39661	90.076	ug/l	98
14) Allyl chloride	4.709	41	155580	18.942	ug/l	98
15) Acrylonitrile	5.414	53	103157	92.073	ug/l	99
16) Acetone	4.156	43	109994	81.056	ug/l	93
17) Carbon Disulfide	4.403	76	266517	17.739	ug/l	99
18) Methyl Acetate	4.720	43	53360	18.187	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	189012	18.336	ug/l	95
20) Methylene Chloride	4.961	84	98427	17.436	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	93471	18.634	ug/l	95
22) Diisopropyl ether	6.361	45	309238	19.210	ug/l	99
23) Vinyl Acetate	6.303	43	809783	91.186	ug/l	99
24) 1,1-Dichloroethane	6.261	63	186057	19.829	ug/l	97
25) 2-Butanone	7.202	43	142142	89.851	ug/l	98
26) 2,2-Dichloropropane	7.208	77	145863	18.786	ug/l	100
27) cis-1,2-Dichloroethene	7.202	96	103329	19.179	ug/l	98
28) Bromochloromethane	7.544	49	59184	16.723	ug/l	97
29) Tetrahydrofuran	7.561	42	86394	92.298	ug/l	98
30) Chloroform	7.702	83	187002	19.508	ug/l	97
31) Cyclohexane	7.979	56	175201	18.512	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	164130	19.412	ug/l	97
36) 1,1-Dichloropropene	8.108	75	143545	19.481	ug/l	100
37) Ethyl Acetate	7.285	43	64200	18.740	ug/l #	96
38) Carbon Tetrachloride	8.091	117	144825	19.875	ug/l	97
39) Methylcyclohexane	9.349	83	164476	19.264	ug/l	96
40) Benzene	8.344	78	383285	19.270	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	34955	18.036	ug/l	95
42) 1,2-Dichloroethane	8.420	62	123205	19.616	ug/l	99
43) Isopropyl Acetate	8.450	43	114502	18.596	ug/l	97
44) Trichloroethene	9.108	130	101757	19.814	ug/l	90
45) 1,2-Dichloropropane	9.385	63	99952	19.489	ug/l	95
46) Dibromomethane	9.467	93	51314	19.109	ug/l	99
47) Bromodichloromethane	9.655	83	136626	19.238	ug/l	97
48) Methyl methacrylate	9.449	41	57694	17.705	ug/l	98
49) 1,4-Dioxane	9.455	88	11443	373.336	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	308232	95.662	ug/l	100
52) Toluene	10.396	92	242416	19.600	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	121841	18.679	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	142665	18.659	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	71736	20.128	ug/l	98
56) Ethyl methacrylate	10.655	69	78627	17.819	ug/l	99
57) 1,3-Dichloropropane	10.938	76	123941	19.480	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	201606	97.055	ug/l	100
59) 2-Hexanone	10.979	43	214619	91.771	ug/l	96
60) Dibromochloromethane	11.132	129	87727	19.933	ug/l	98
61) 1,2-Dibromoethane	11.238	107	64037	18.649	ug/l	97
64) Tetrachloroethene	10.867	164	82244	19.222	ug/l	95
65) Chlorobenzene	11.661	112	249873	19.526	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	92717	19.916	ug/l	97
67) Ethyl Benzene	11.738	91	451829	19.189	ug/l	99
68) m/p-Xylenes	11.843	106	348563	38.918	ug/l	99
69) o-Xylene	12.173	106	156302	19.204	ug/l	99
70) Styrene	12.185	104	270844	19.306	ug/l	99
71) Bromoform	12.349	173	47382	19.062	ug/l #	99
73) Isopropylbenzene	12.473	105	419974	18.206	ug/l	99
74) N-amyl acetate	12.279	43	105811	18.651	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	80018	18.744	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	102412	32.620	ug/l #	100
77) Bromobenzene	12.749	156	92231	17.973	ug/l	97
78) n-propylbenzene	12.808	91	545603	18.862	ug/l	99
79) 2-Chlorotoluene	12.896	91	305677	18.648	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	369766	19.325	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	21401	16.760	ug/l	96
82) 4-Chlorotoluene	12.996	91	322394	18.904	ug/l	99
83) tert-Butylbenzene	13.214	119	301254	18.998	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	357971	19.019	ug/l	98
85) sec-Butylbenzene	13.390	105	475717	19.173	ug/l	99
86) p-Isopropyltoluene	13.502	119	380998	18.896	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	194374	18.654	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	195133	18.764	ug/l	99
89) n-Butylbenzene	13.832	91	378015	19.109	ug/l	99
90) Hexachloroethane	14.096	117	79133	19.745	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	166203	18.639	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11938	16.886	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	95428	18.319	ug/l	98
94) Hexachlorobutadiene	15.249	225	56507	19.894	ug/l	98
95) Naphthalene	15.384	128	166554	17.080	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	82414	18.458	ug/l	99

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ClientSampleId :
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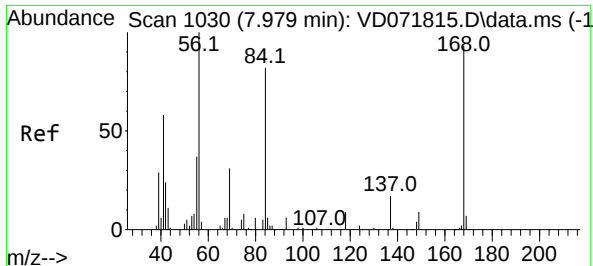
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QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

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

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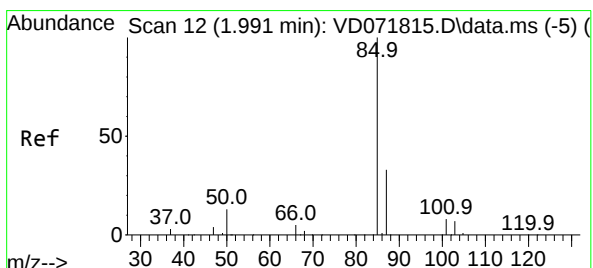
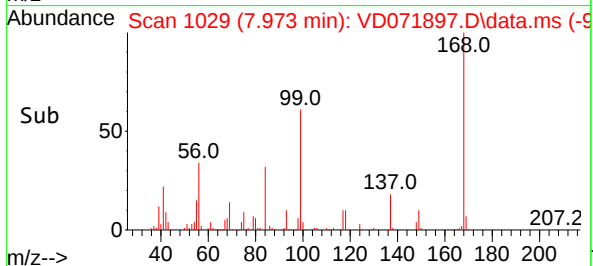
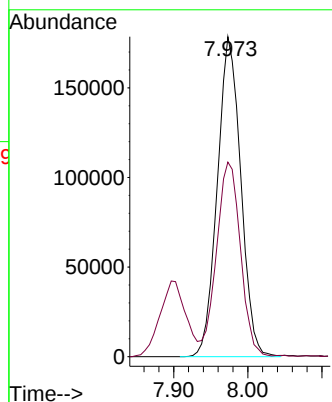
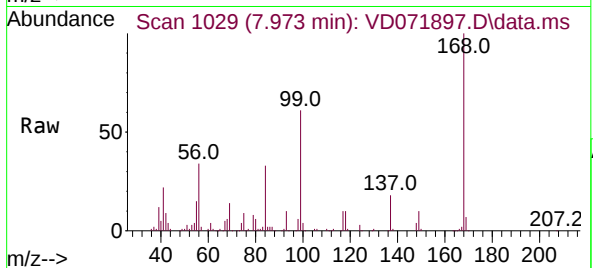




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

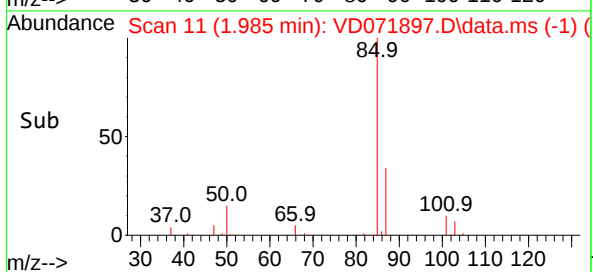
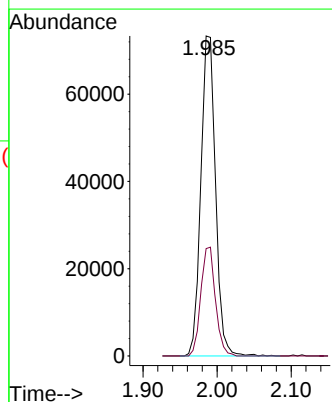
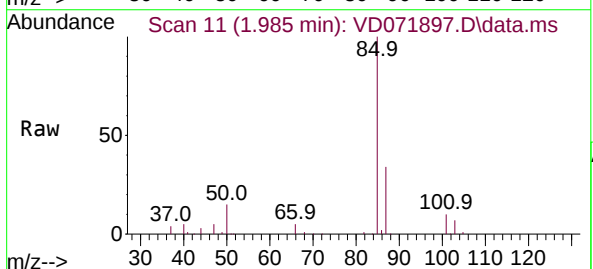
Instrument :
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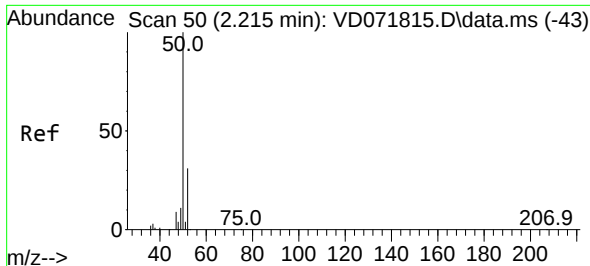
Tgt Ion:168 Resp: 392206
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 21.693 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 85 Resp: 100893
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0

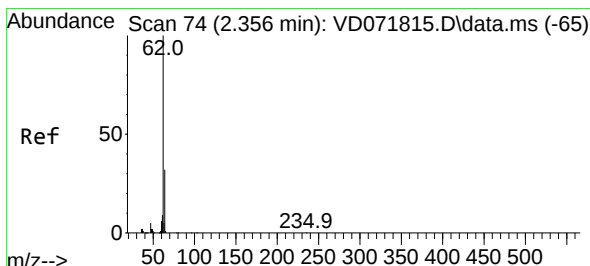
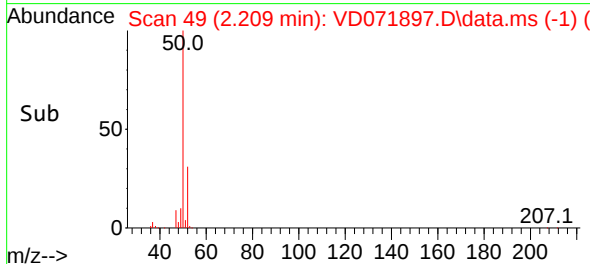
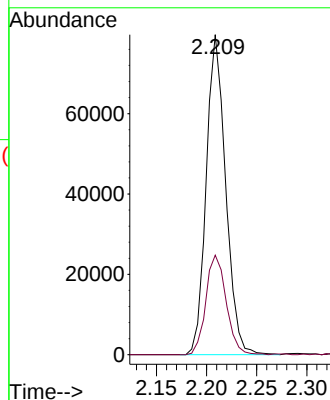
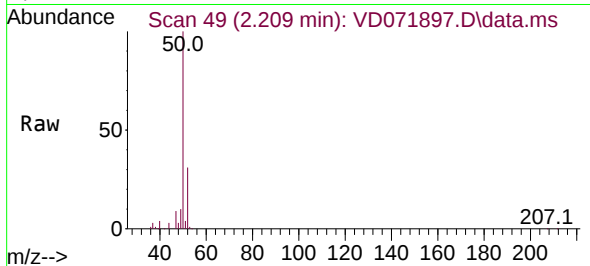




#3
Chloromethane
Concen: 19.338 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

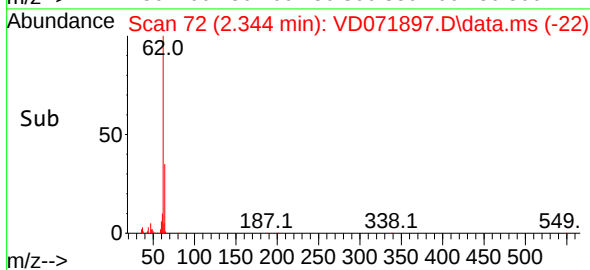
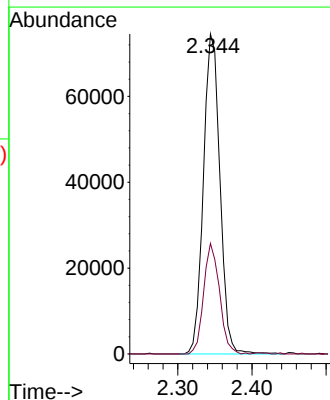
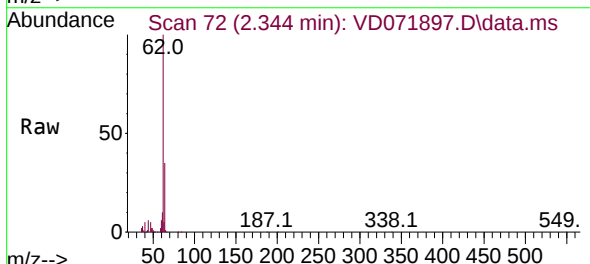
Instrument :
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ClientSampleId :
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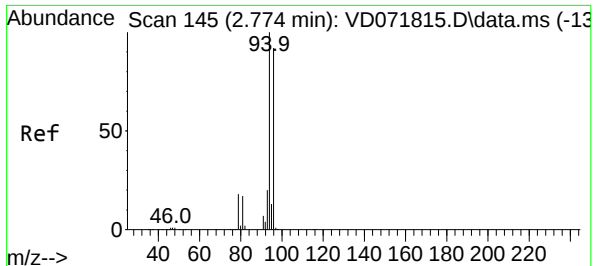
Tgt Ion: 50 Resp: 107682
Ion Ratio Lower Upper
50 100
52 31.1 27.4 41.0



#4
Vinyl Chloride
Concen: 19.819 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 62 Resp: 115537
Ion Ratio Lower Upper
62 100
64 34.6 25.4 38.0

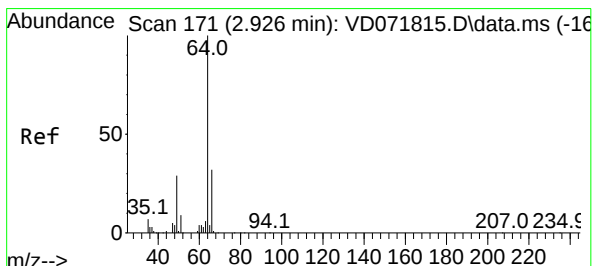
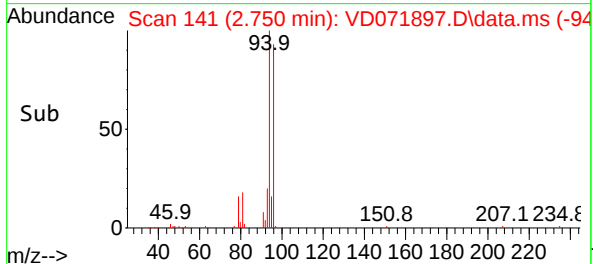
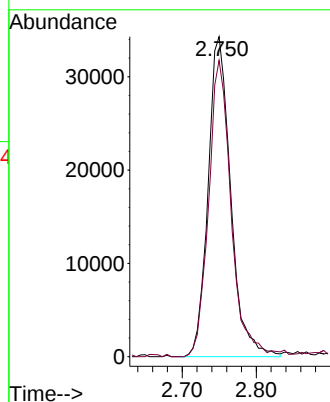
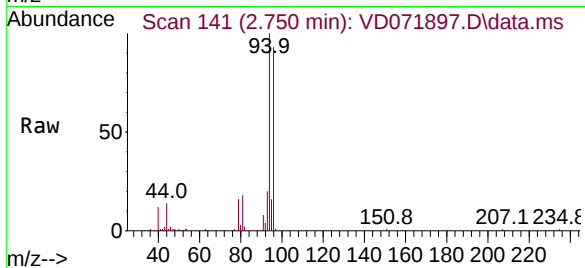




#5
Bromomethane
Concen: 18.924 ug/l
RT: 2.750 min Scan# 145
Delta R.T. -0.024 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

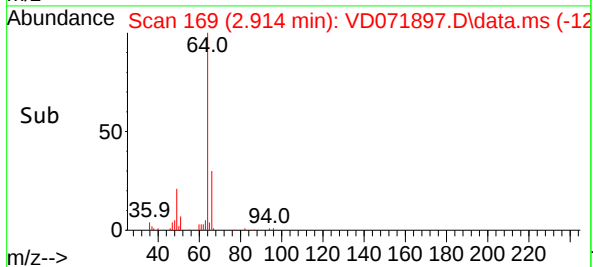
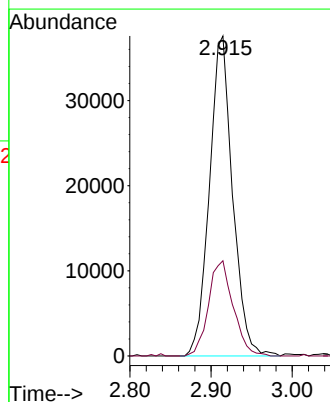
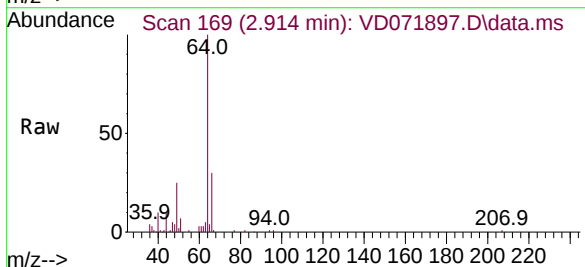
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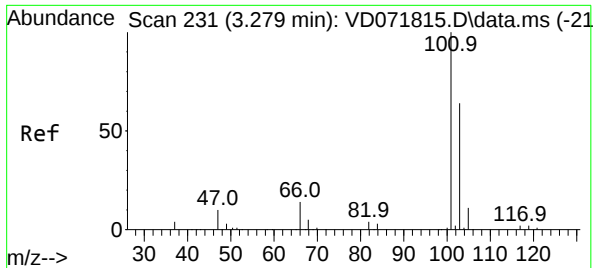
Tgt Ion: 94 Resp: 72789
Ion Ratio Lower Upper
94 100
96 92.6 77.6 116.4



#6
Chloroethane
Concen: 20.177 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.012 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 64 Resp: 74543
Ion Ratio Lower Upper
64 100
66 29.7 25.9 38.9

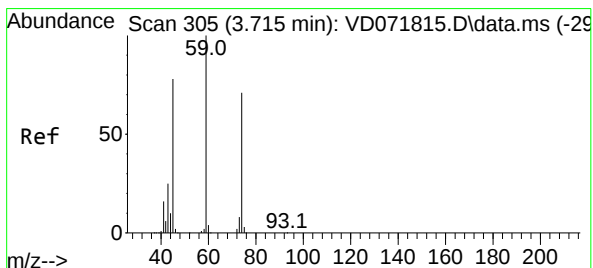
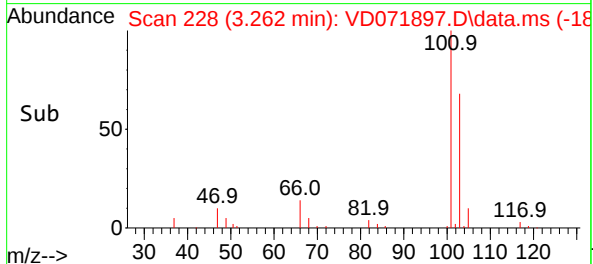
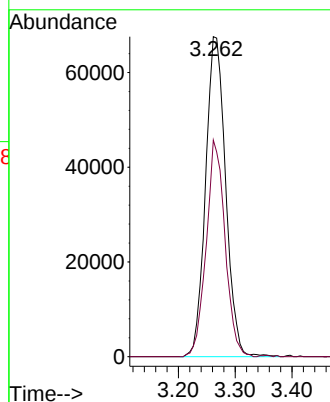
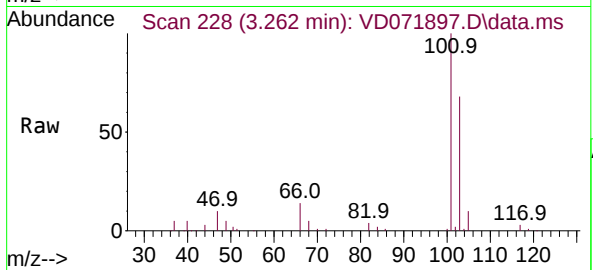




#7
Trichlorofluoromethane
Concen: 19.797 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.018 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

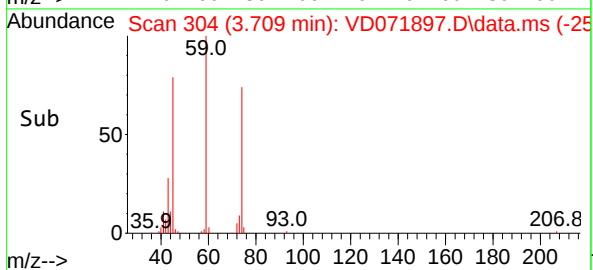
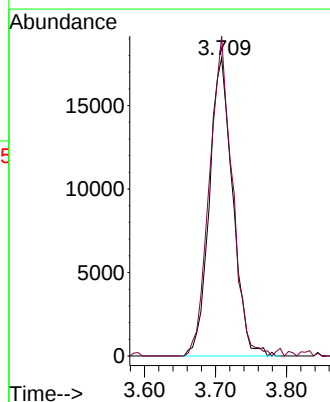
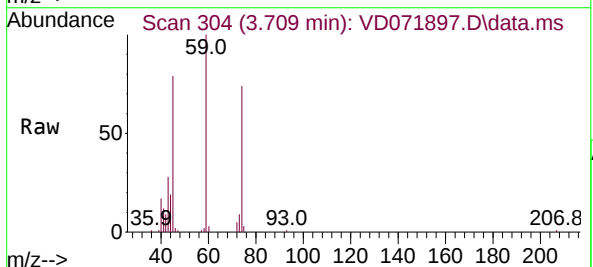
Instrument :
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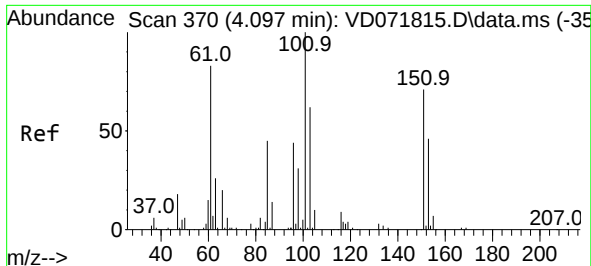
Tgt Ion:101 Resp: 165398
Ion Ratio Lower Upper
101 100
103 67.7 50.1 75.1



#8
Diethyl Ether
Concen: 18.459 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 74 Resp: 40691
Ion Ratio Lower Upper
74 100
45 105.1 52.6 157.8

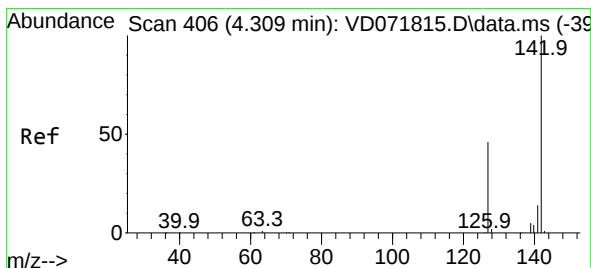
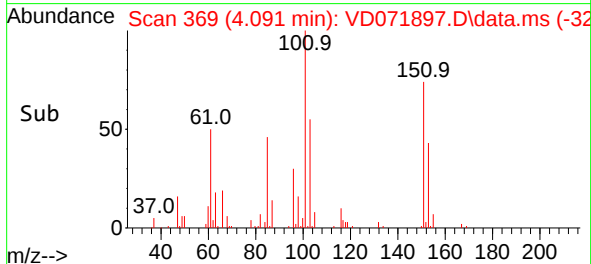
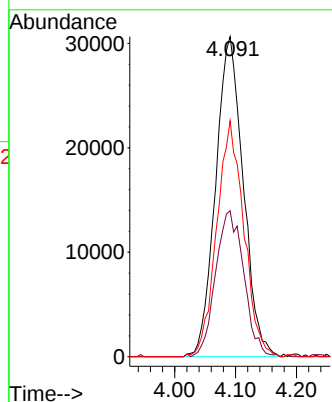
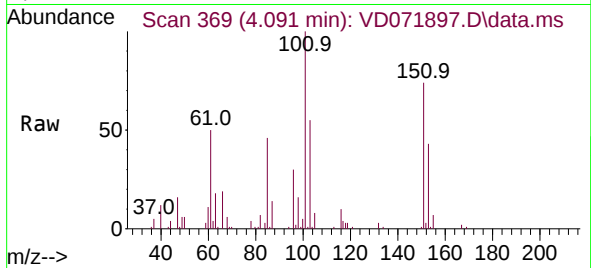




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.450 ug/l
RT: 4.091 min Scan# 310
Delta R.T. -0.012 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

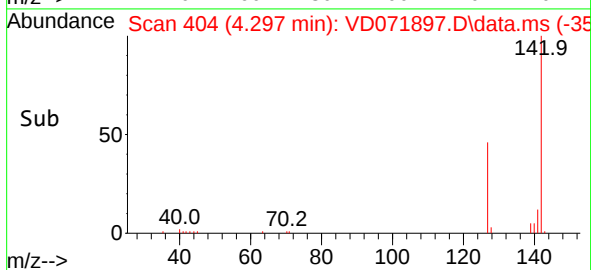
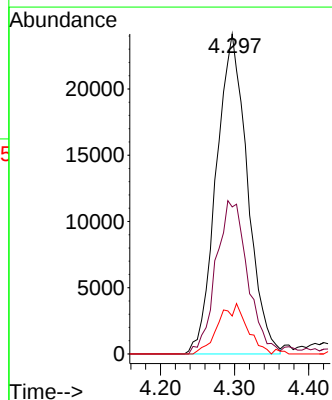
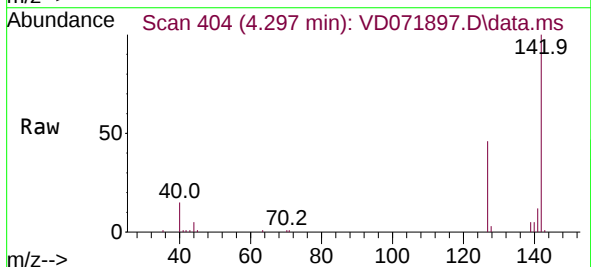
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

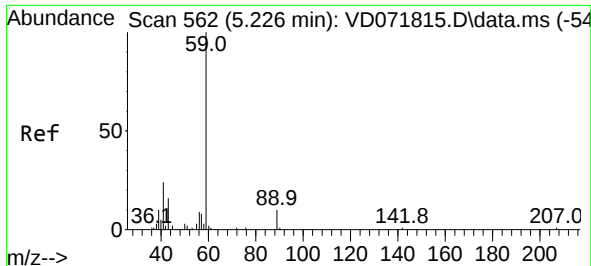
Tgt Ion:101 Resp: 96387
Ion Ratio Lower Upper
101 100
85 46.6 36.4 54.6
151 72.4 57.3 85.9



#10
Methyl Iodide
Concen: 14.591 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.012 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion:142 Resp: 70504
Ion Ratio Lower Upper
142 100
127 48.7 37.3 55.9
141 7.9 11.7 17.5#

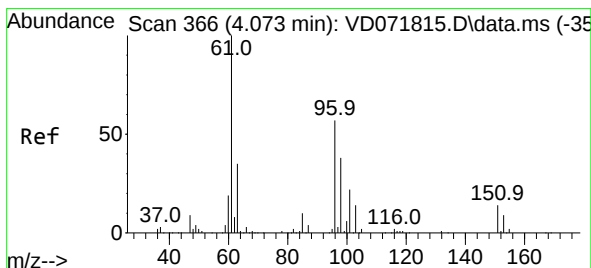
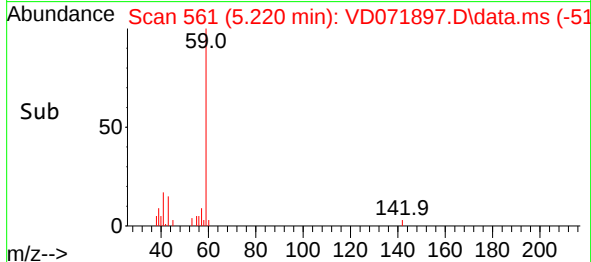
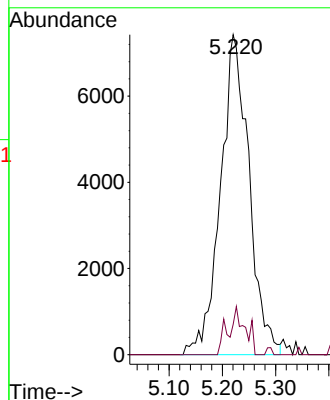
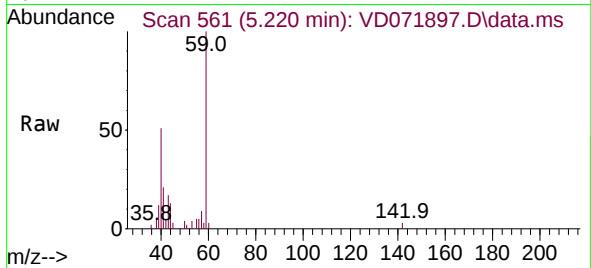




#11
Tert butyl alcohol
Concen: 62.448 ug/l
RT: 5.220 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

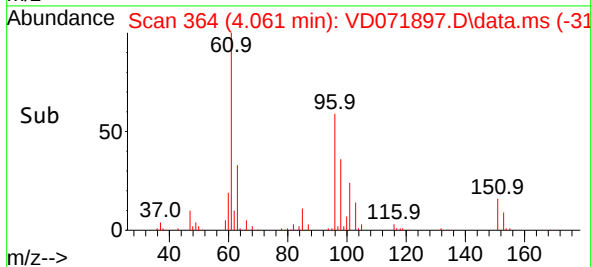
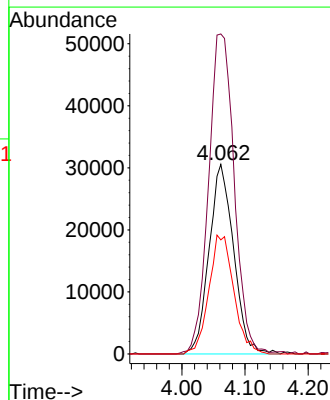
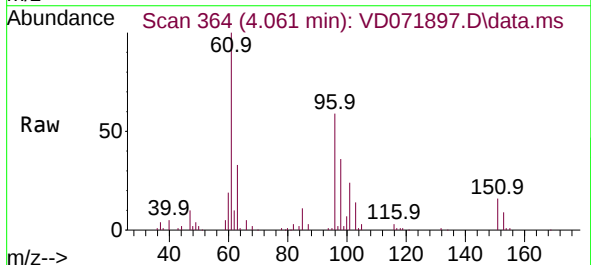
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

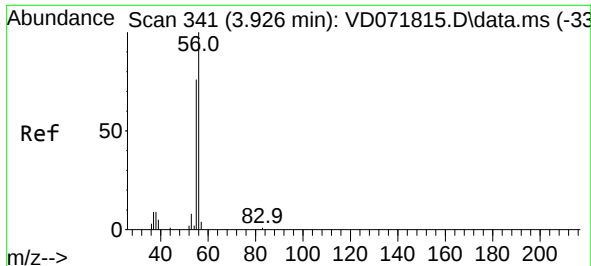
Tgt Ion: 59 Resp: 27649
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 19.149 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.012 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 96 Resp: 82511
Ion Ratio Lower Upper
96 100
61 168.3 138.5 207.7
98 60.2 48.6 73.0





#13

Acrolein

Concen: 90.076 ug/l

RT: 3.926 min Scan# 341

Delta R.T. -0.000 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

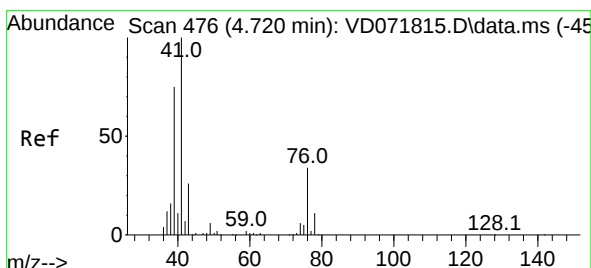
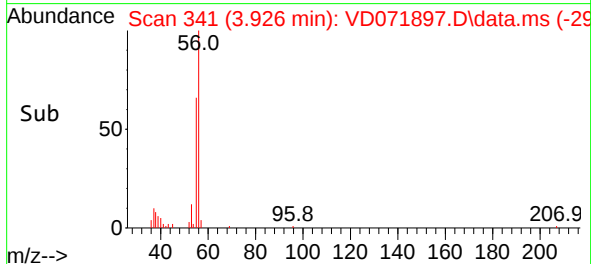
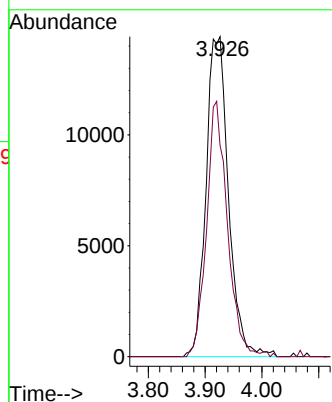
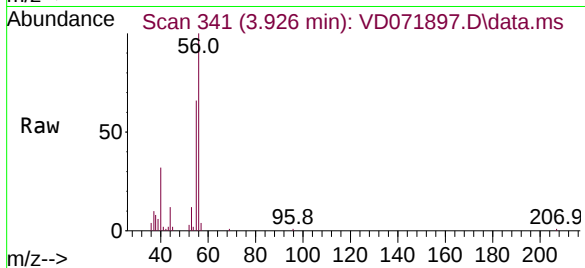
VD0204SBS01

Tgt Ion: 56 Resp: 39661

Ion Ratio Lower Upper

56 100

55 73.5 57.1 85.7



#14

Allyl chloride

Concen: 18.942 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.012 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

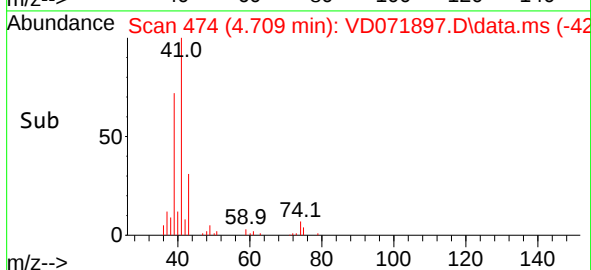
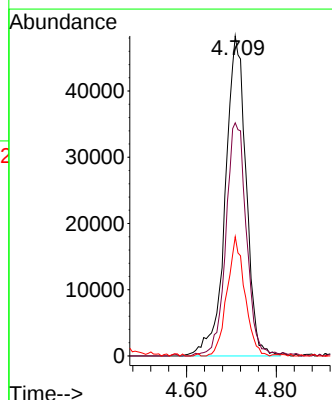
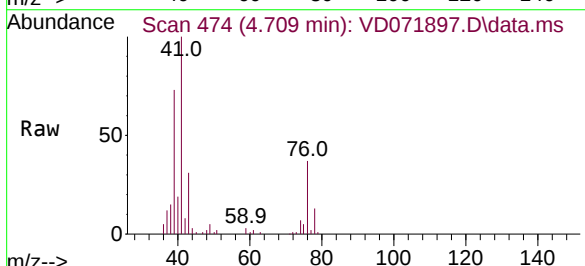
Tgt Ion: 41 Resp: 155580

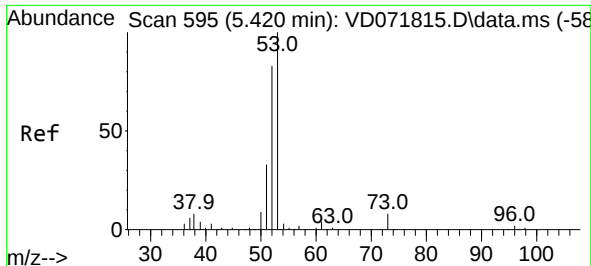
Ion Ratio Lower Upper

41 100

39 72.0 59.3 88.9

76 31.9 25.7 38.5

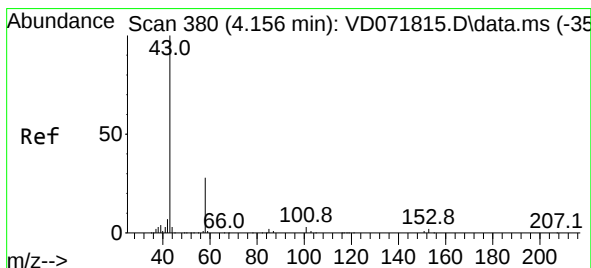
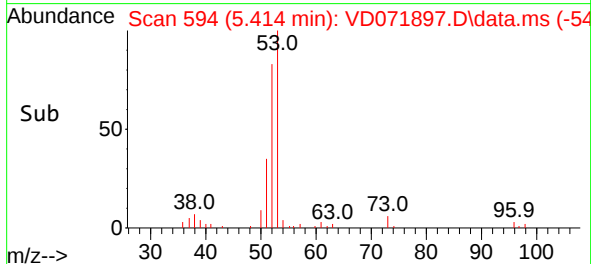
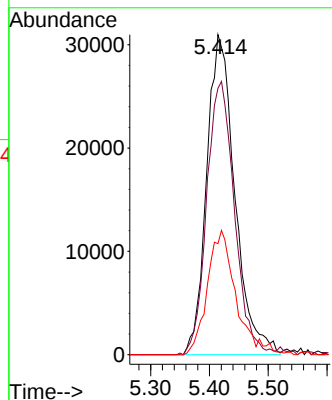
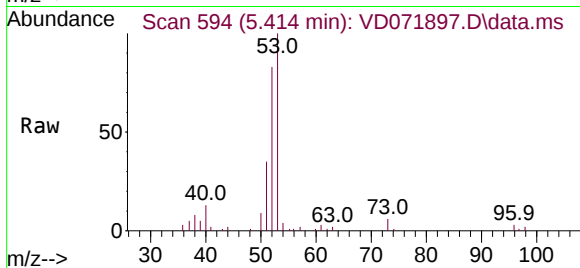




#15
Acrylonitrile
Concen: 92.073 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

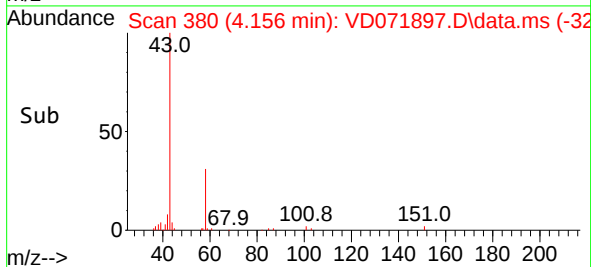
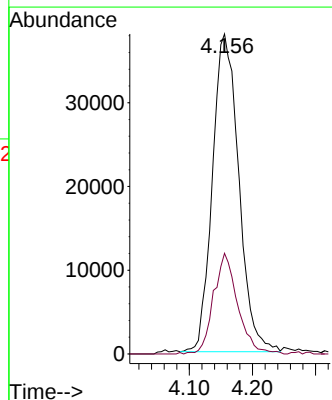
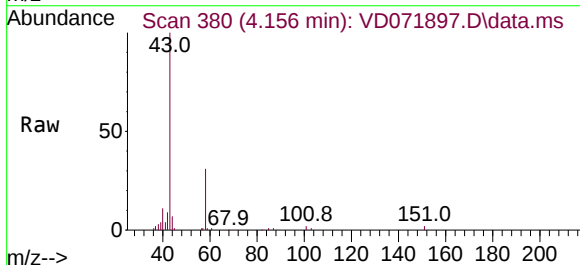
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

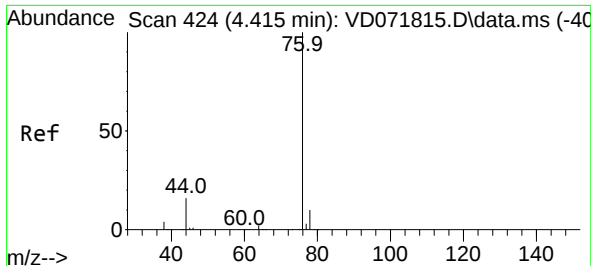
Tgt Ion: 53 Resp: 103157
Ion Ratio Lower Upper
53 100
52 83.9 67.2 100.8
51 39.5 30.3 45.5



#16
Acetone
Concen: 81.056 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 43 Resp: 109994
Ion Ratio Lower Upper
43 100
58 31.2 22.1 33.1

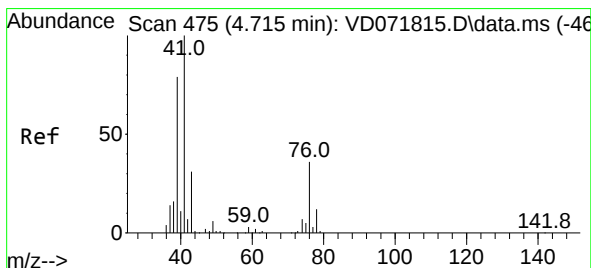
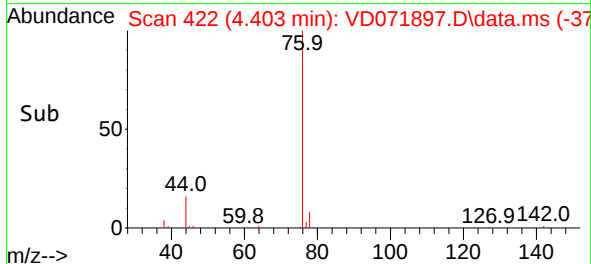
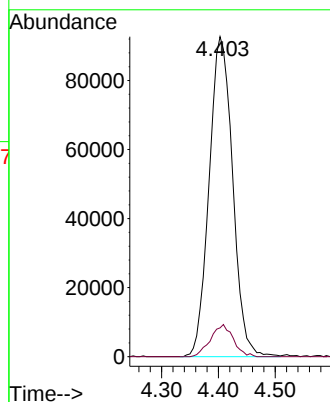
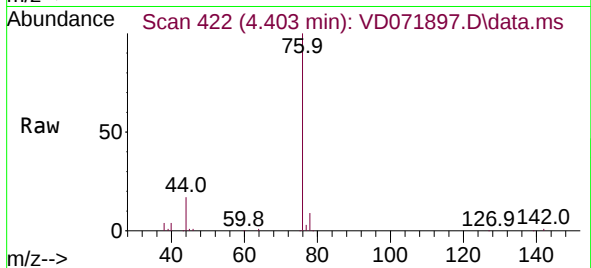




#17
Carbon Disulfide
Concen: 17.739 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

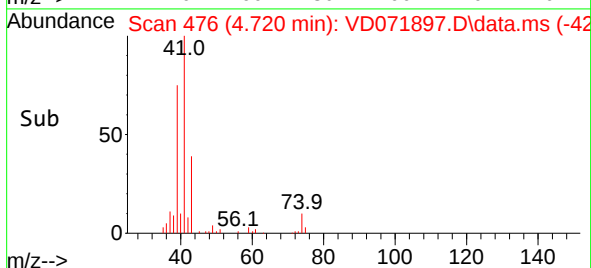
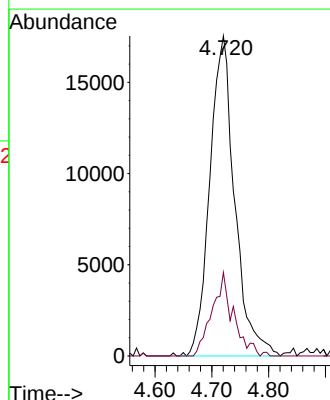
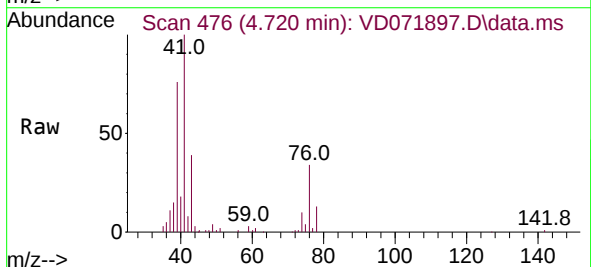
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

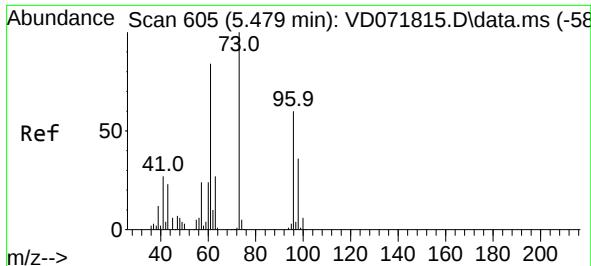
Tgt Ion: 76 Resp: 266517
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 18.187 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 43 Resp: 53360
Ion Ratio Lower Upper
43 100
74 22.2 16.7 25.1

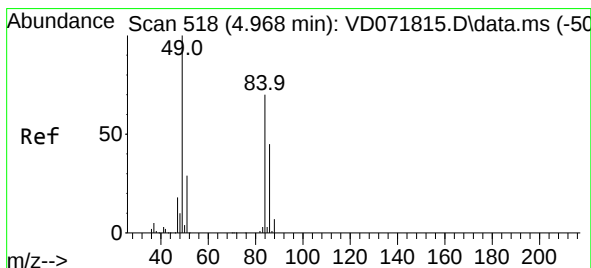
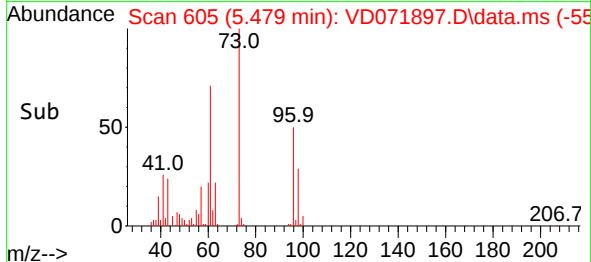
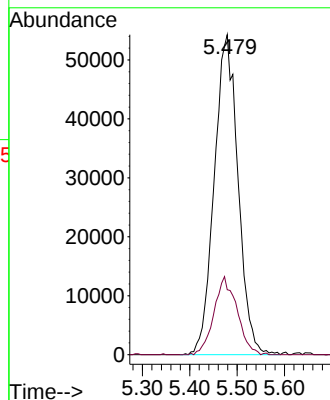
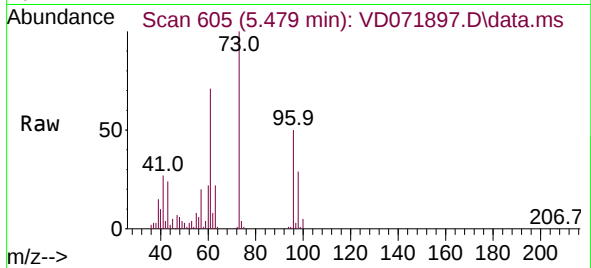




#19
Methyl tert-butyl Ether
Concen: 18.336 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

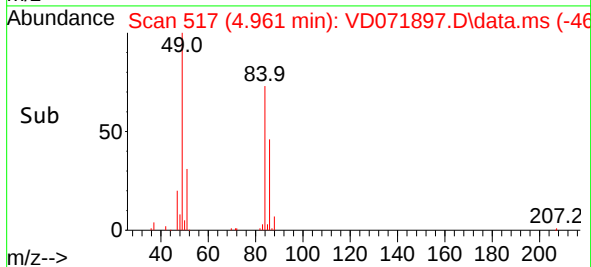
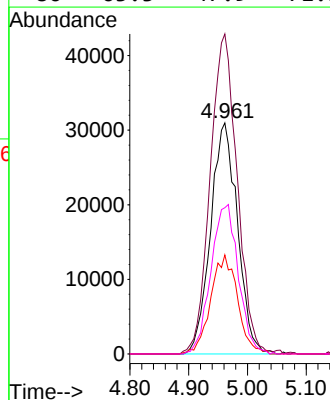
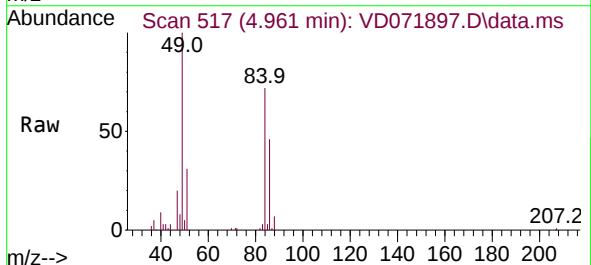
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

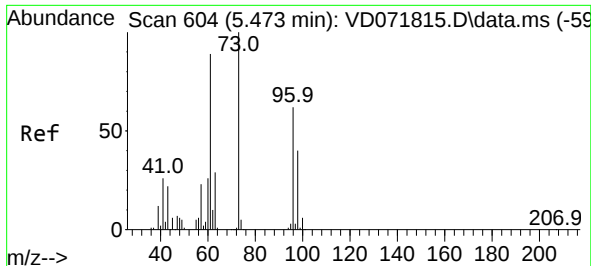
Tgt Ion: 73 Resp: 189012
Ion Ratio Lower Upper
73 100
57 20.3 18.0 27.0



#20
Methylene Chloride
Concen: 17.436 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 84 Resp: 98427
Ion Ratio Lower Upper
84 100
49 138.5 112.8 169.2
51 42.9 32.6 48.8
86 63.3 47.9 71.9

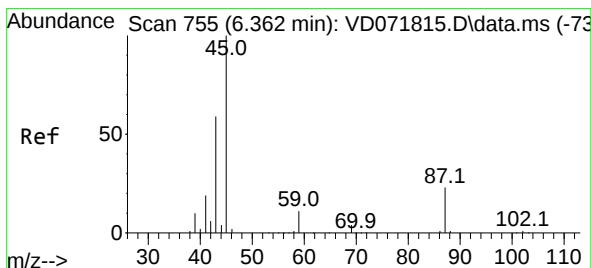
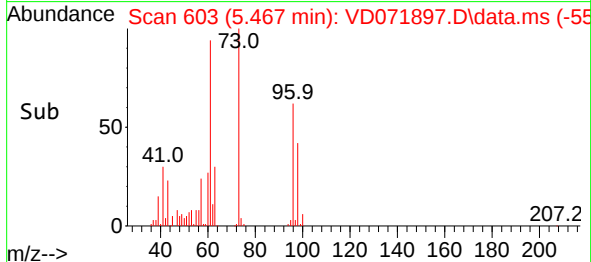
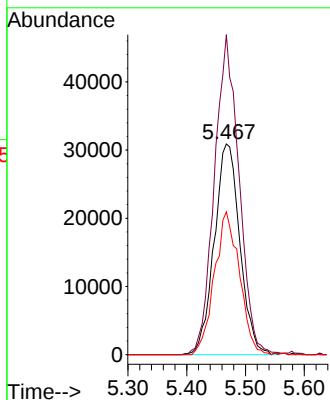
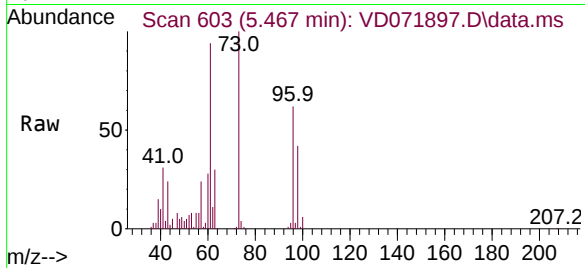




#21
trans-1,2-Dichloroethene
Concen: 18.634 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

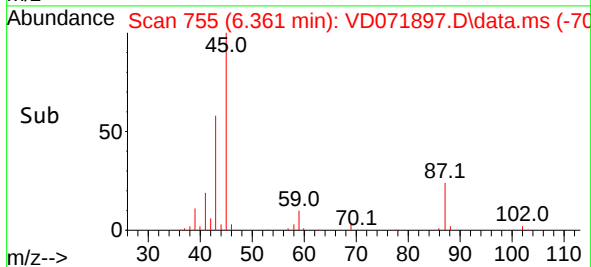
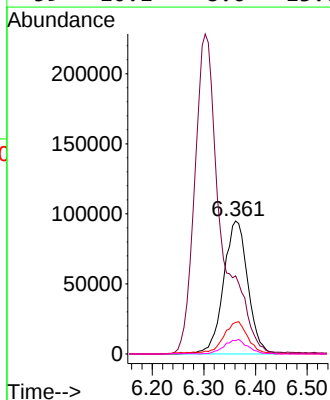
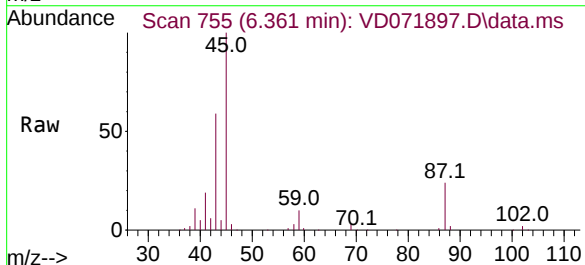
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

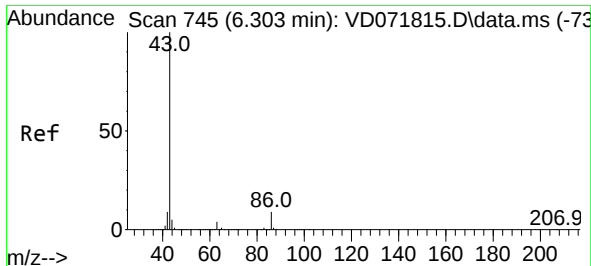
Tgt Ion: 96 Resp: 93471
Ion Ratio Lower Upper
96 100
61 151.8 117.9 176.9
98 67.8 49.4 74.2



#22
Diisopropyl ether
Concen: 19.210 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 45 Resp: 309238
Ion Ratio Lower Upper
45 100
43 57.4 46.6 70.0
87 23.3 18.4 27.6
59 10.1 8.6 13.0

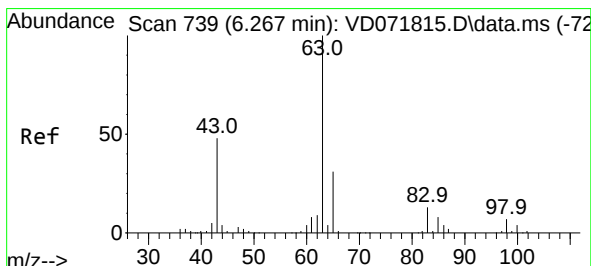
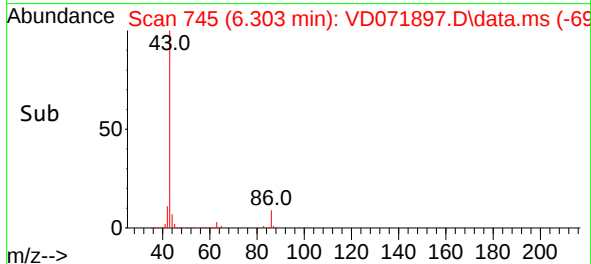
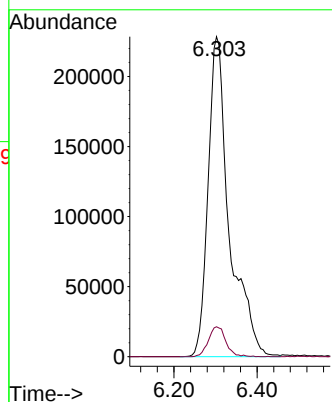
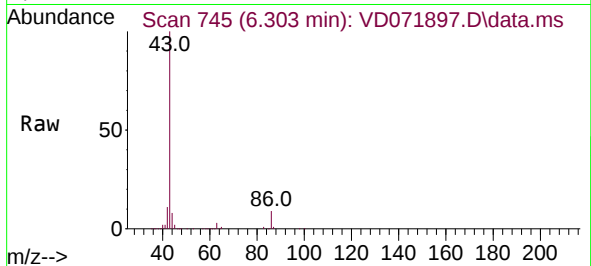




#23
 Vinyl Acetate
 Concen: 91.186 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD071897.D
 Acq: 04 Feb 2022 14:29

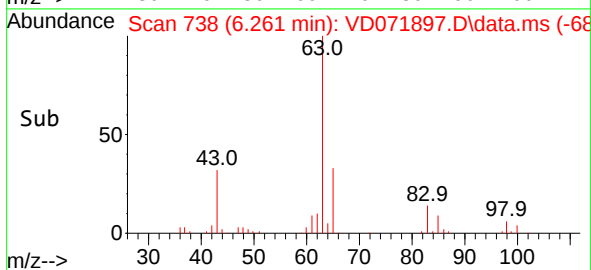
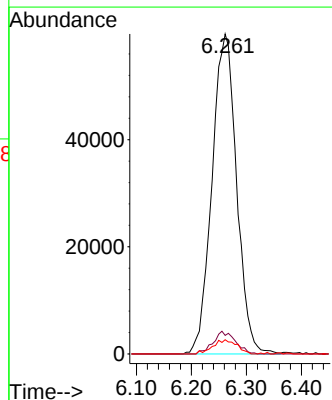
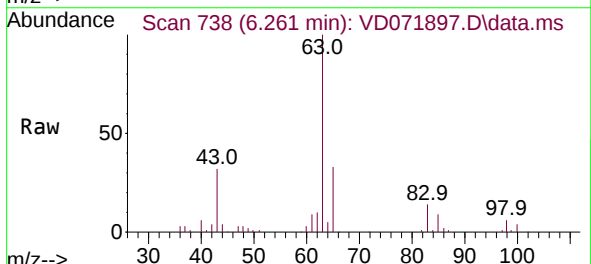
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01

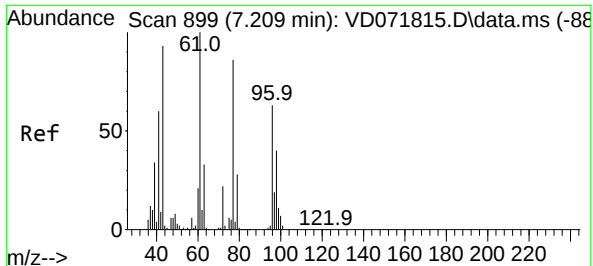
Tgt Ion: 43 Resp: 809783
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.829 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD071897.D
 Acq: 04 Feb 2022 14:29

Tgt Ion: 63 Resp: 186057
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.6 10.9
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 89.851 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.012 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

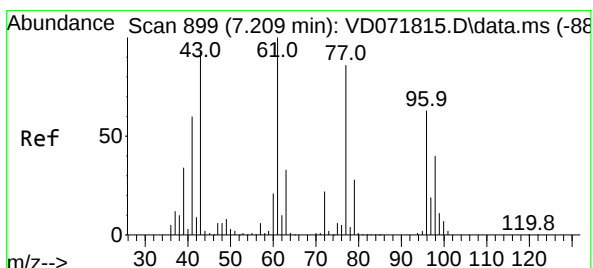
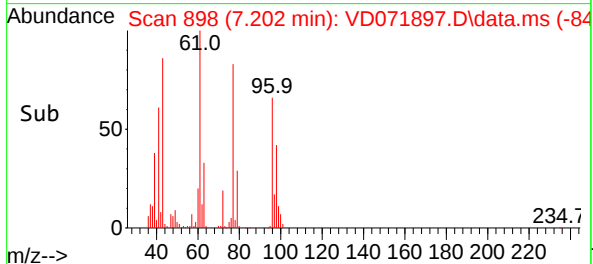
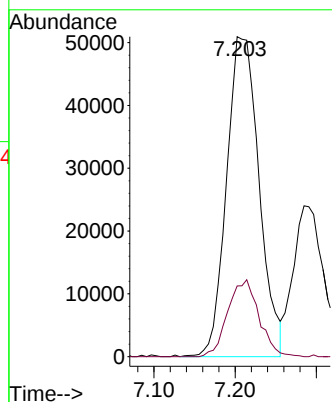
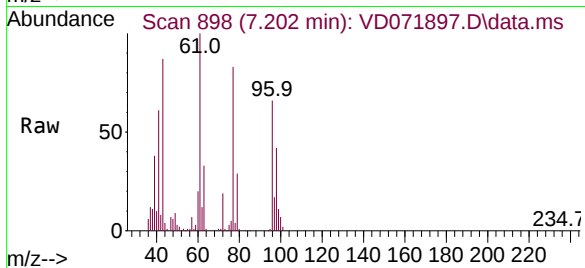
VD0204SBS01

Tgt Ion: 43 Resp: 142142

Ion Ratio Lower Upper

43 100

72 22.1 18.6 27.8



#26

2,2-Dichloropropane

Concen: 18.786 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD071897.D

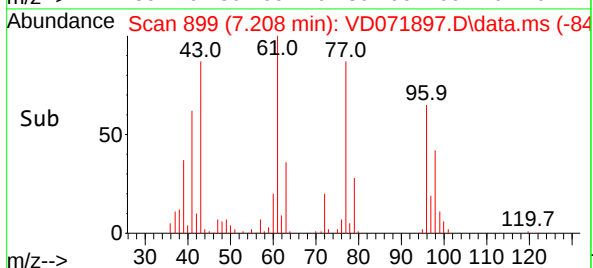
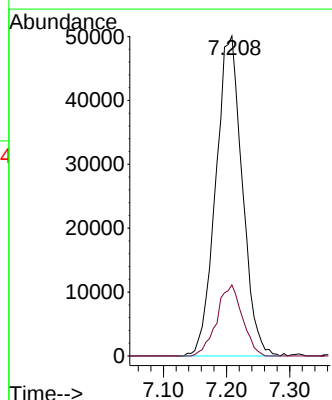
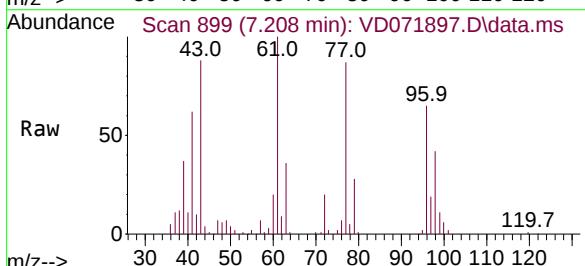
Acq: 04 Feb 2022 14:29

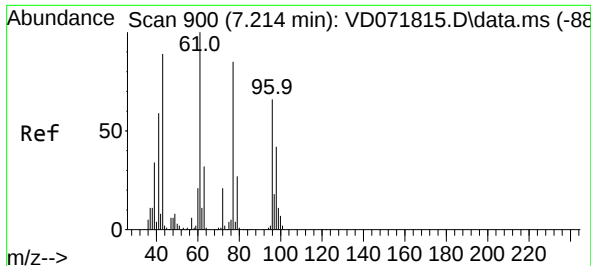
Tgt Ion: 77 Resp: 145863

Ion Ratio Lower Upper

77 100

97 21.4 10.8 32.4



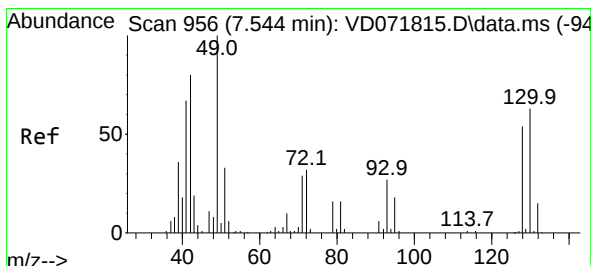
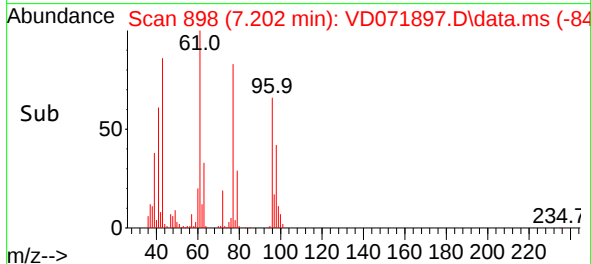
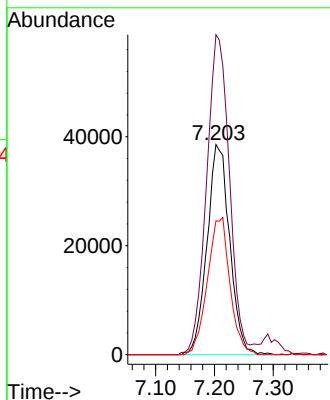
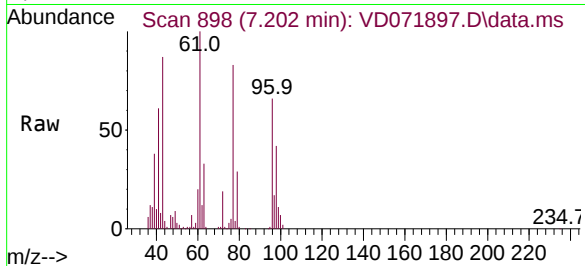


#27
 cis-1,2-Dichloroethene
 Concen: 19.179 ug/l
 RT: 7.202 min Scan# 898
 Delta R.T. -0.012 min
 Lab File: VD071897.D
 Acq: 04 Feb 2022 14:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01

Tgt Ion: 96 Resp: 103329

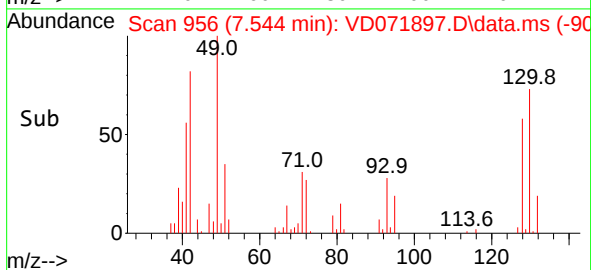
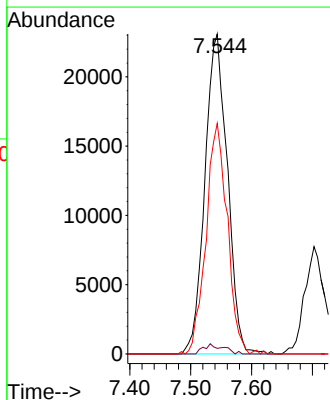
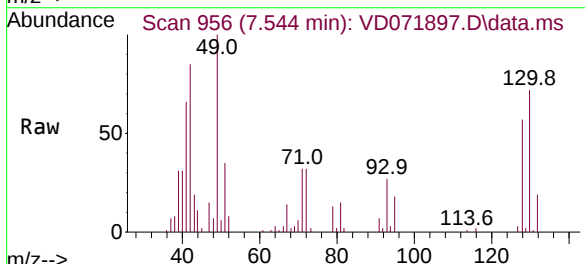
Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	313.8
98	64.9	0.0	128.8

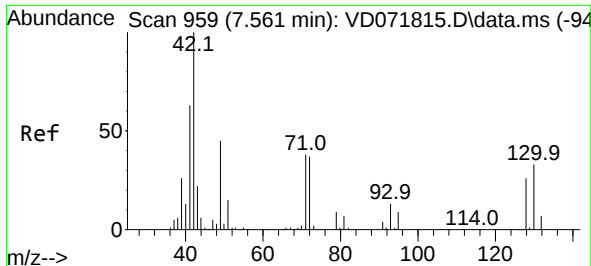


#28
 Bromochloromethane
 Concen: 16.723 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.006 min
 Lab File: VD071897.D
 Acq: 04 Feb 2022 14:29

Tgt Ion: 49 Resp: 59184

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	67.9	52.6	79.0





#29

Tetrahydrofuran

Concen: 92.298 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

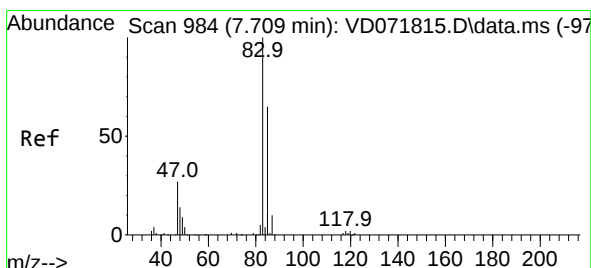
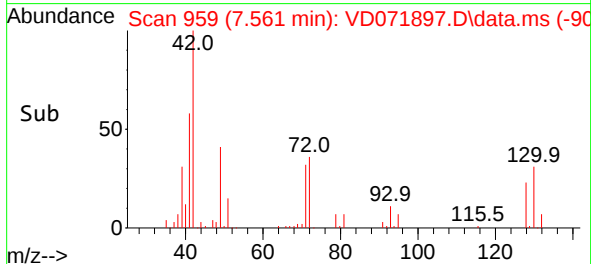
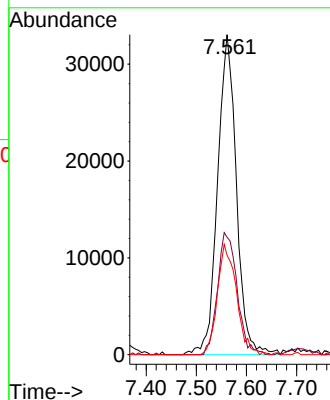
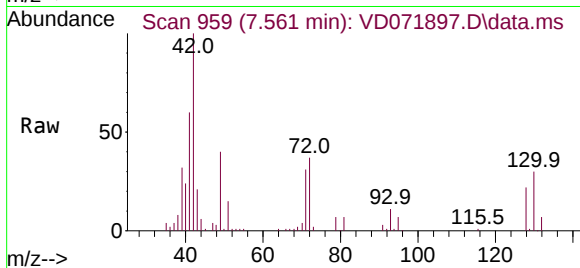
Tgt Ion: 42 Resp: 86394

Ion Ratio Lower Upper

42 100

72 39.6 30.7 46.1

71 34.8 28.6 43.0



#30

Chloroform

Concen: 19.508 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD071897.D

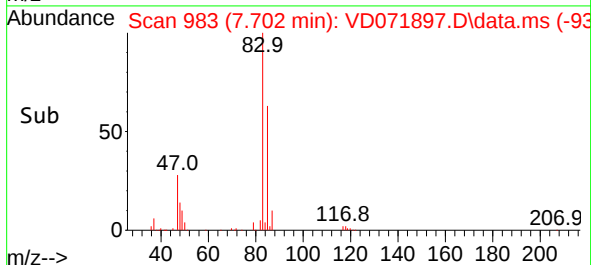
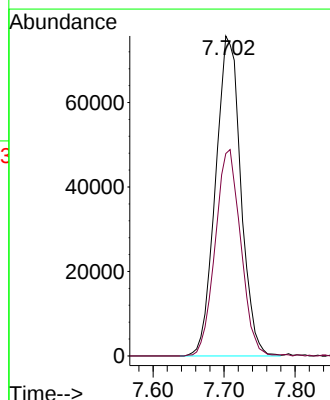
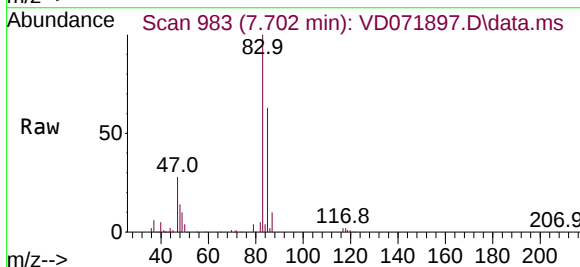
Acq: 04 Feb 2022 14:29

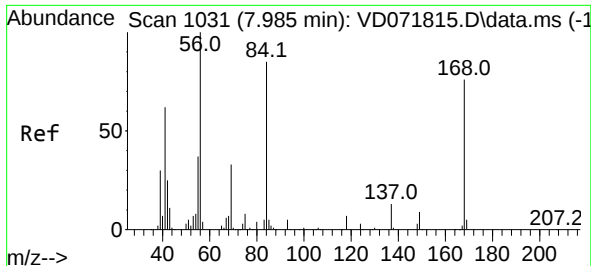
Tgt Ion: 83 Resp: 187002

Ion Ratio Lower Upper

83 100

85 63.3 52.7 79.1

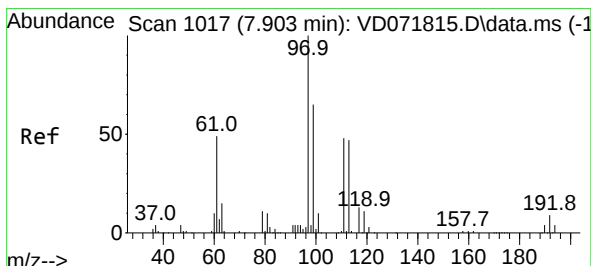
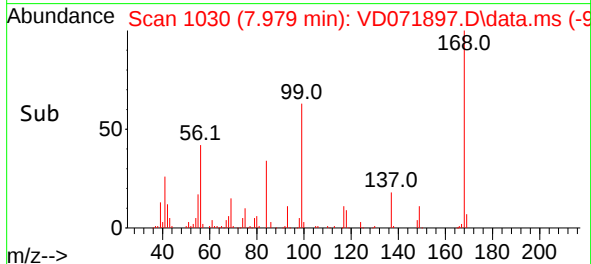
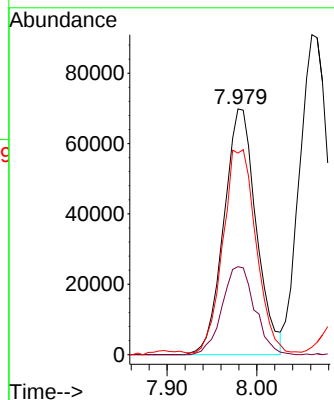
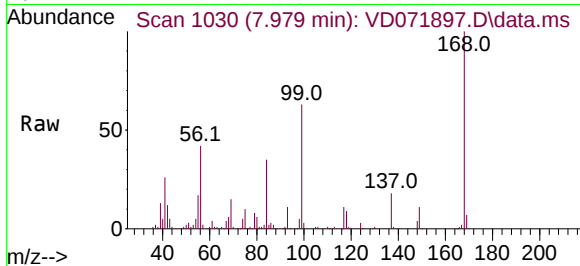




#31
Cyclohexane
Concen: 18.512 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

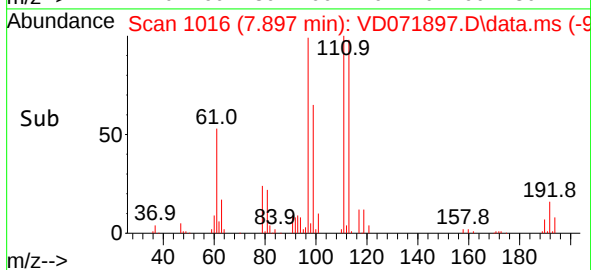
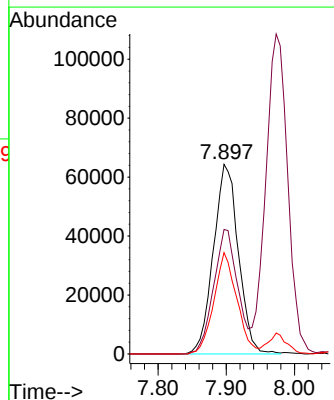
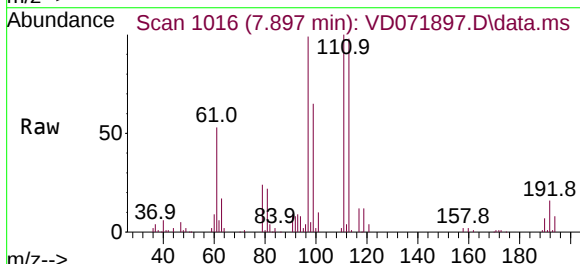
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

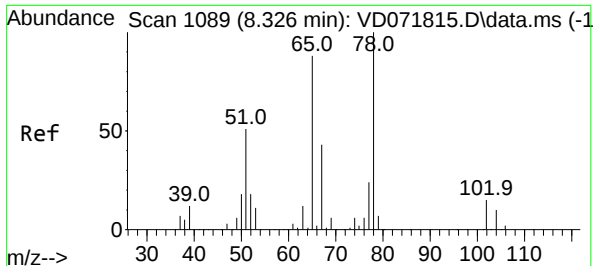
Tgt Ion: 56 Resp: 175201
Ion Ratio Lower Upper
56 100
69 35.8 25.4 38.2
84 80.6 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 19.412 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 97 Resp: 164130
Ion Ratio Lower Upper
97 100
99 62.6 52.4 78.6
61 49.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 47.574 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

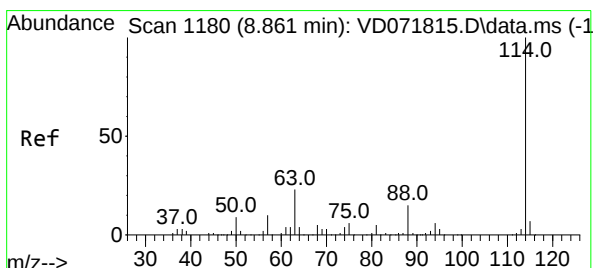
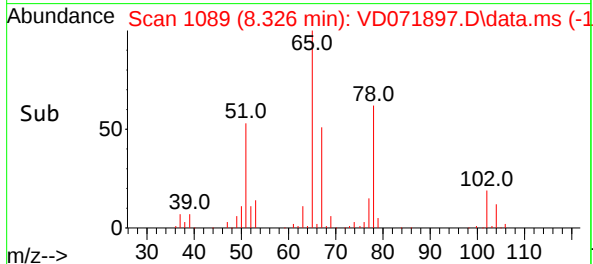
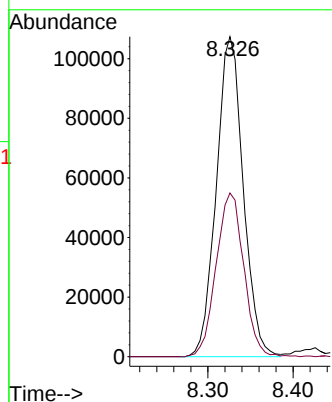
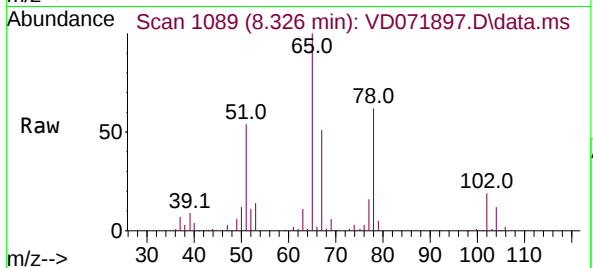
VD0204SBS01

Tgt Ion: 65 Resp: 235838

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

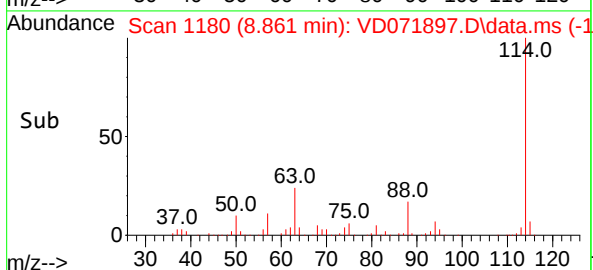
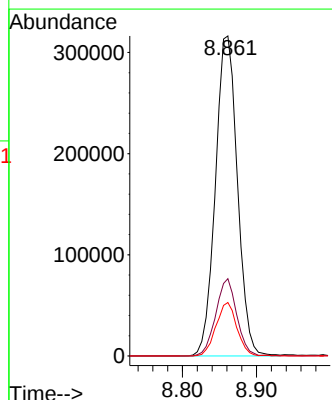
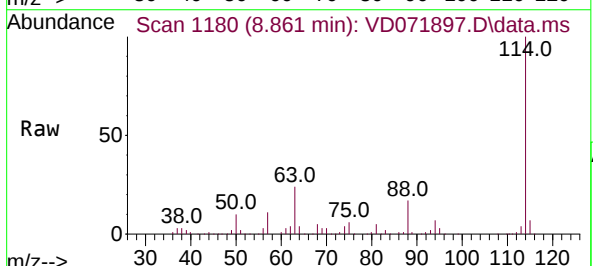
Tgt Ion: 114 Resp: 653110

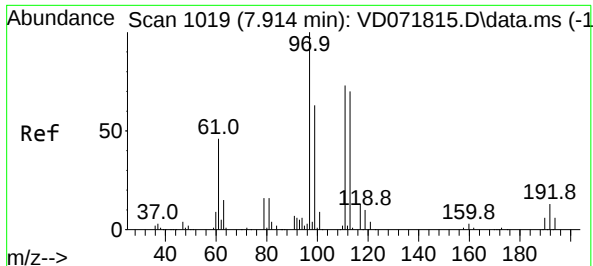
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.6

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.006 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

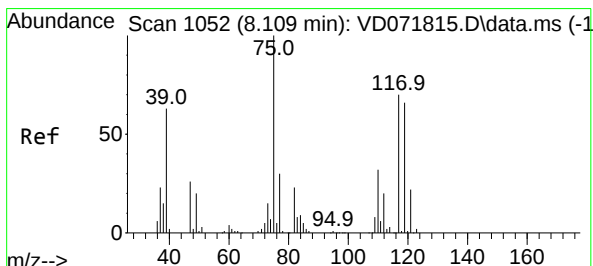
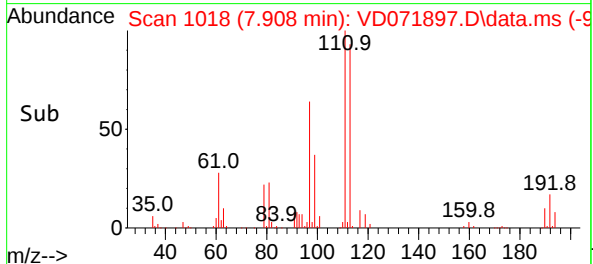
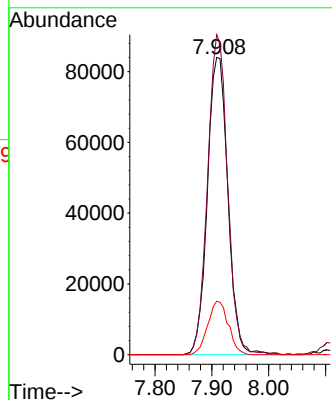
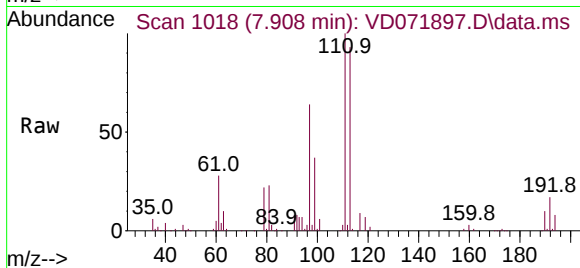
Tgt Ion:113 Resp: 210388

Ion Ratio Lower Upper

113 100

111 104.8 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 19.481 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

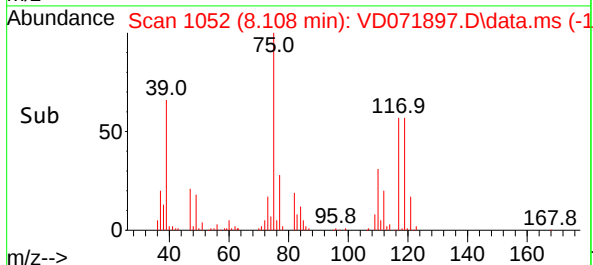
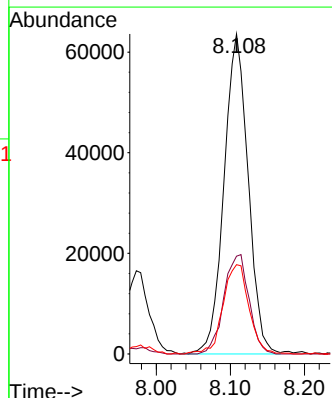
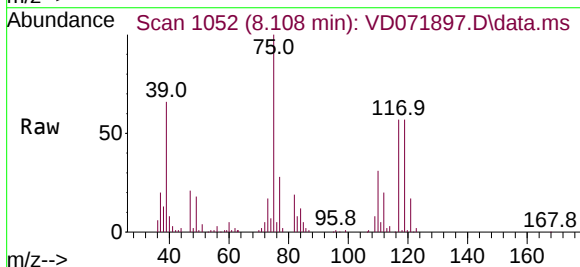
Tgt Ion: 75 Resp: 143545

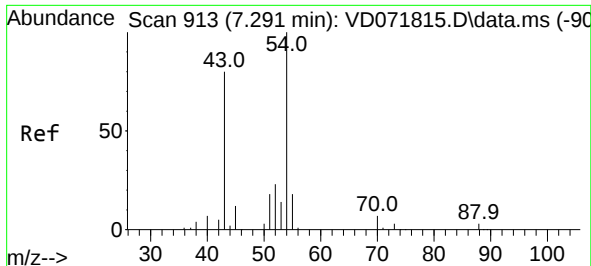
Ion Ratio Lower Upper

75 100

110 32.3 16.4 49.1

77 30.1 24.2 36.2





#37

Ethyl Acetate

Concen: 18.740 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

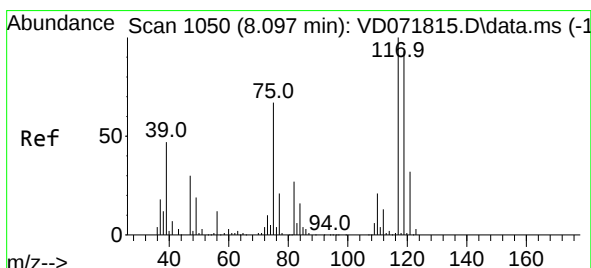
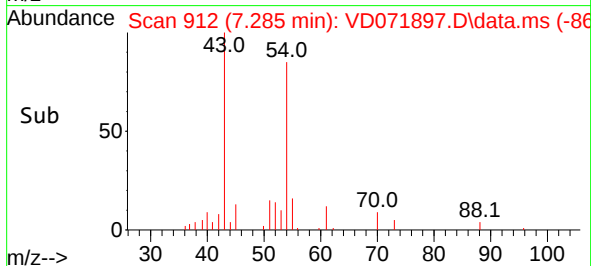
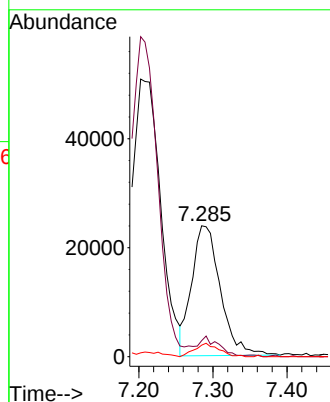
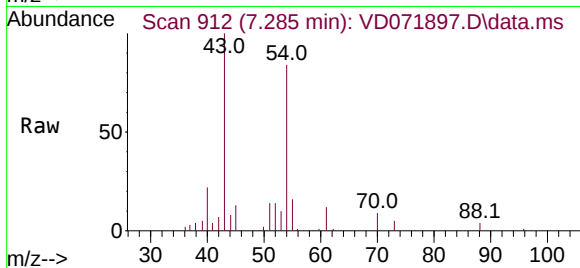
Tgt Ion: 43 Resp: 64200

Ion Ratio Lower Upper

43 100

61 9.6 9.8 14.8#

70 8.6 6.9 10.3



#38

Carbon Tetrachloride

Concen: 19.875 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

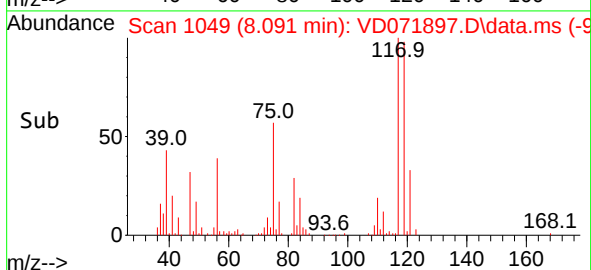
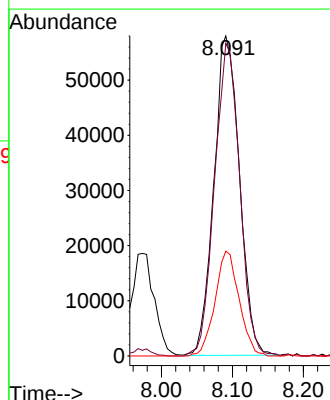
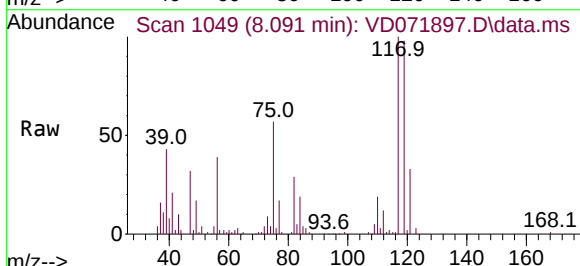
Tgt Ion: 117 Resp: 144825

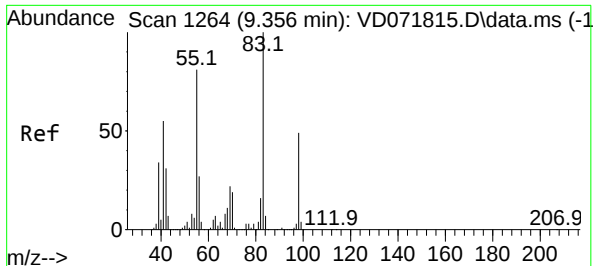
Ion Ratio Lower Upper

117 100

119 97.9 75.8 113.6

121 32.8 24.5 36.7





#39

Methylcyclohexane

Concen: 19.264 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

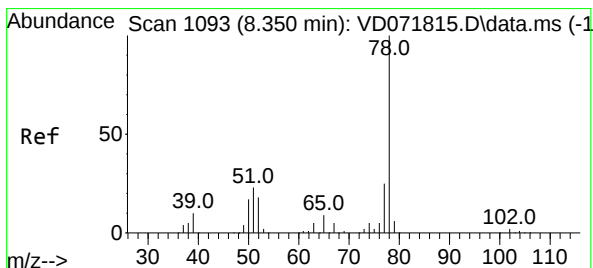
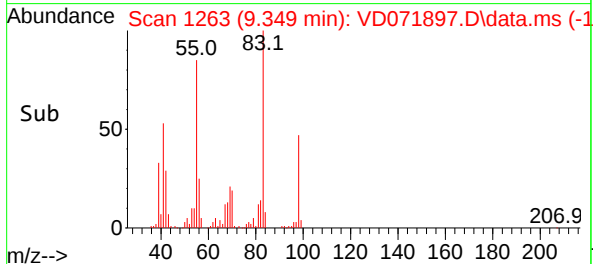
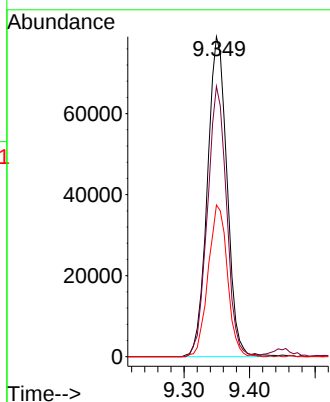
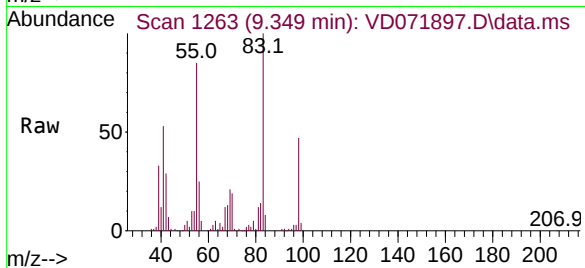
Tgt Ion: 83 Resp: 164476

Ion Ratio Lower Upper

83 100

55 84.5 63.2 94.8

98 47.4 38.2 57.4



#40

Benzene

Concen: 19.270 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD071897.D

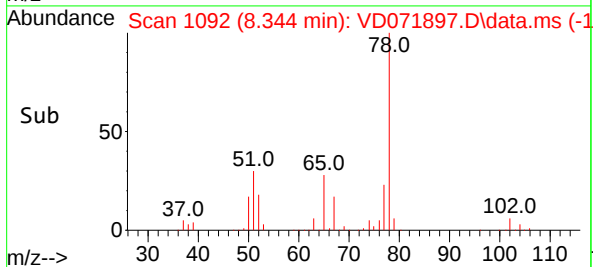
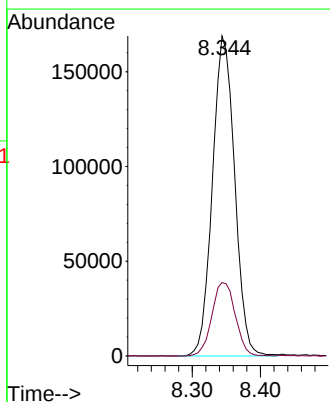
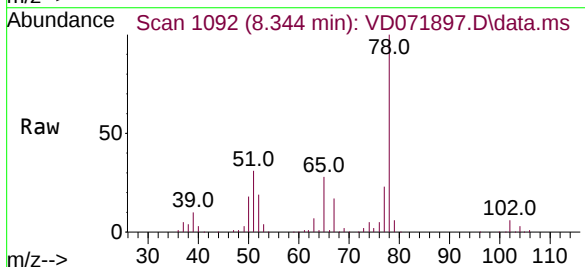
Acq: 04 Feb 2022 14:29

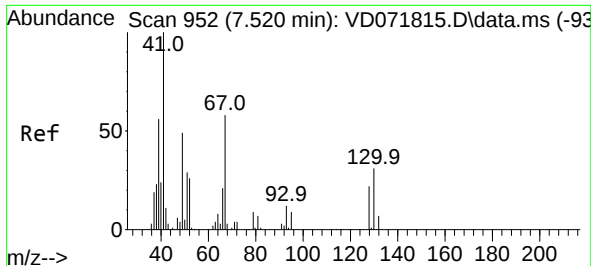
Tgt Ion: 78 Resp: 383285

Ion Ratio Lower Upper

78 100

77 23.0 19.1 28.7

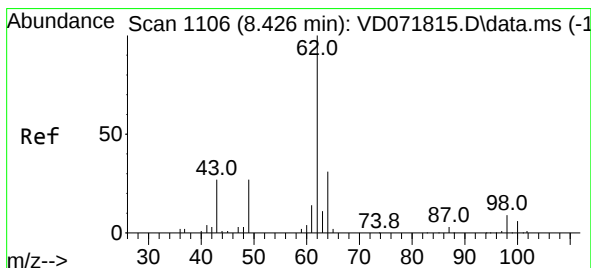
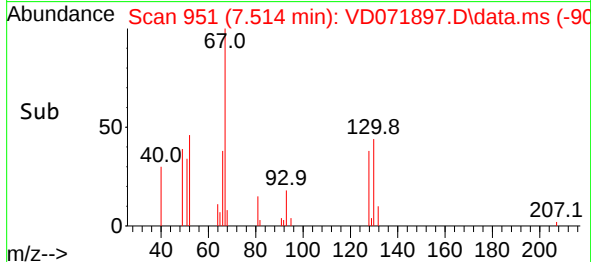
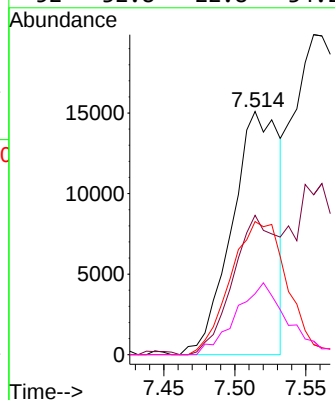
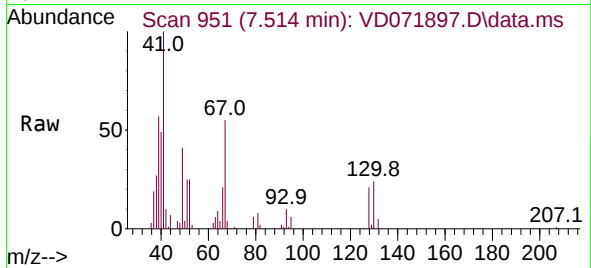




#41
Methacrylonitrile
Concen: 18.036 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

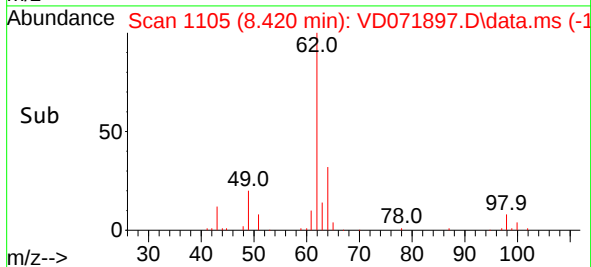
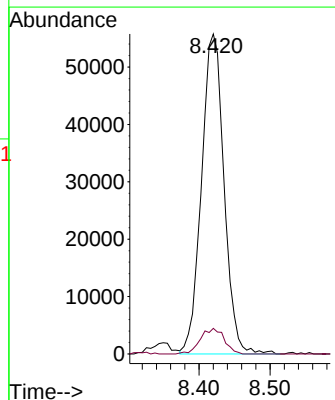
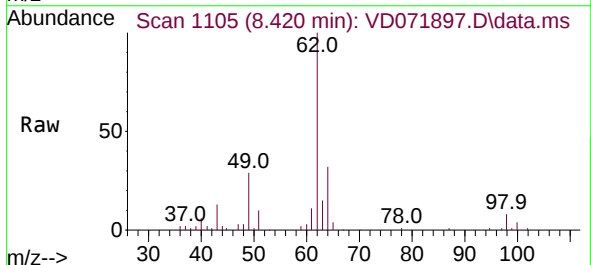
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

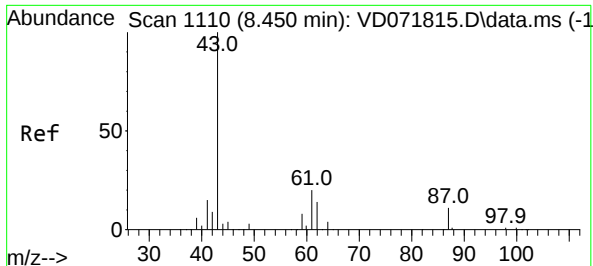
Tgt Ion:	41	Resp:	34955
Ion	Ratio	Lower	Upper
41	100		
39	54.0	44.6	67.0
67	65.6	48.2	72.4
52	32.8	22.8	34.2



#42
1,2-Dichloroethane
Concen: 19.616 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion:	62	Resp:	123205
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6

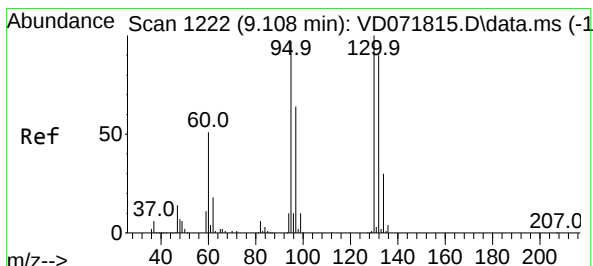
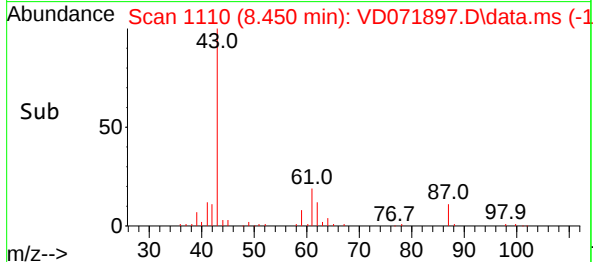
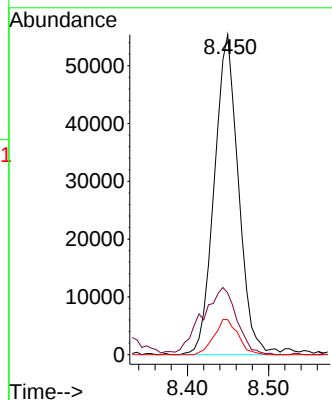
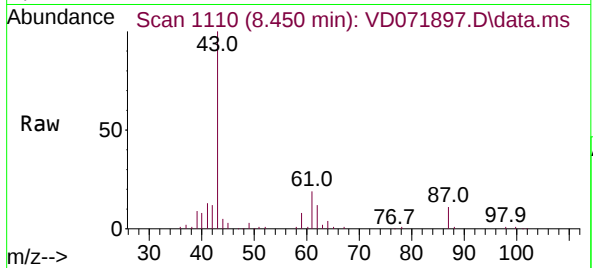




#43
Isopropyl Acetate
Concen: 18.596 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

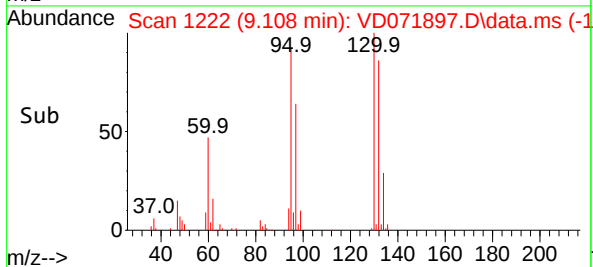
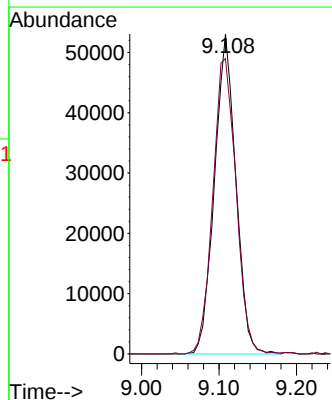
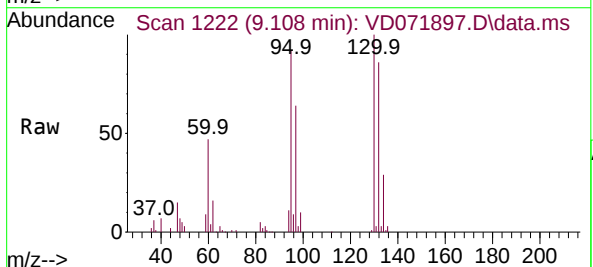
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

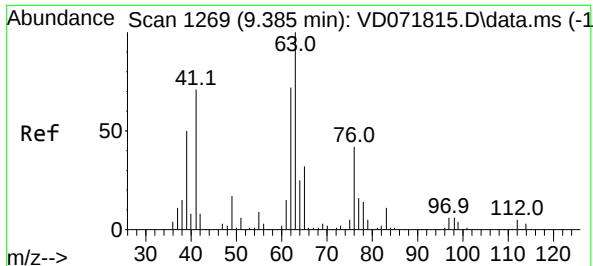
Tgt Ion: 43 Resp: 114502
Ion Ratio Lower Upper
43 100
61 30.3 22.4 33.6
87 10.9 8.7 13.1



#44
Trichloroethene
Concen: 19.814 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 130 Resp: 101757
Ion Ratio Lower Upper
130 100
95 92.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.489 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

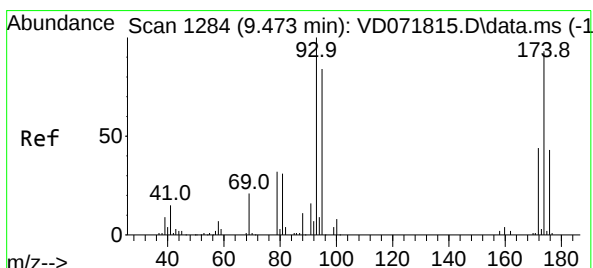
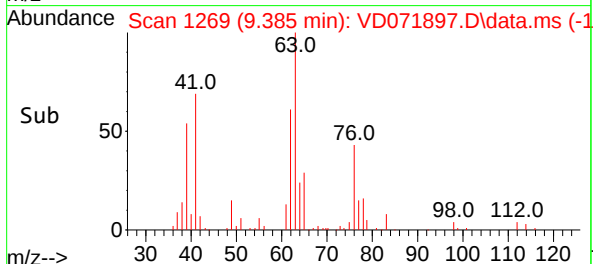
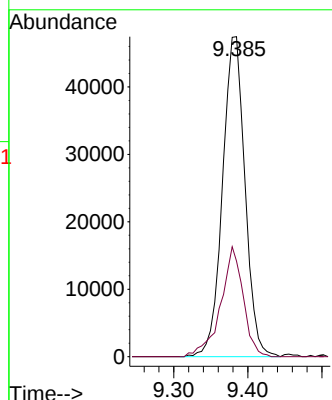
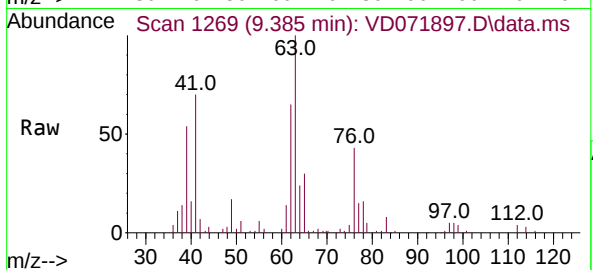
VD0204SBS01

Tgt Ion: 63 Resp: 99952

Ion Ratio Lower Upper

63 100

65 29.9 26.2 39.4



#46

Dibromomethane

Concen: 19.109 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

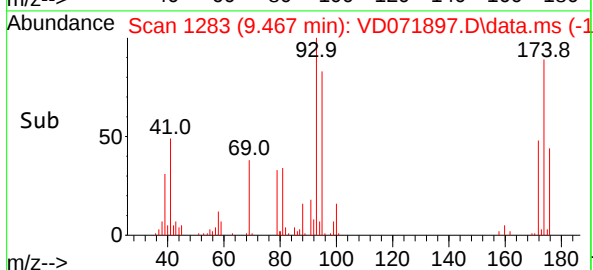
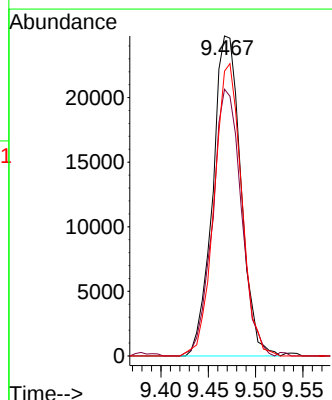
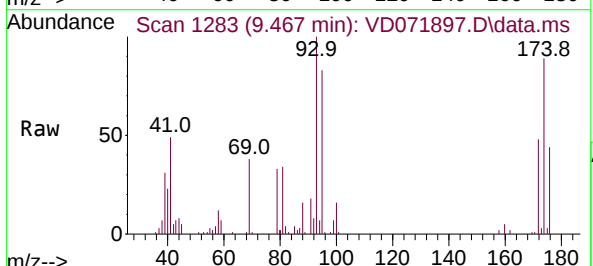
Tgt Ion: 93 Resp: 51314

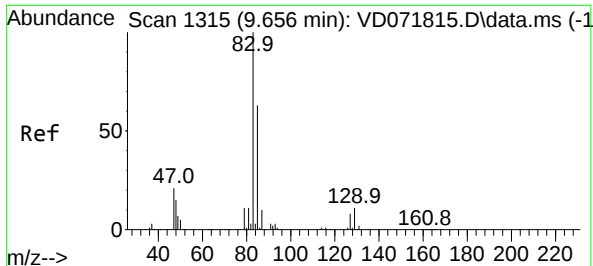
Ion Ratio Lower Upper

93 100

95 84.9 66.7 100.1

174 88.7 71.6 107.4





#47

Bromodichloromethane

Concen: 19.238 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

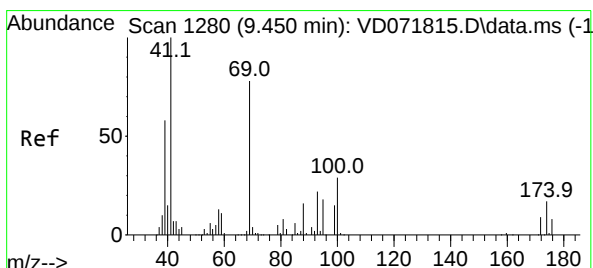
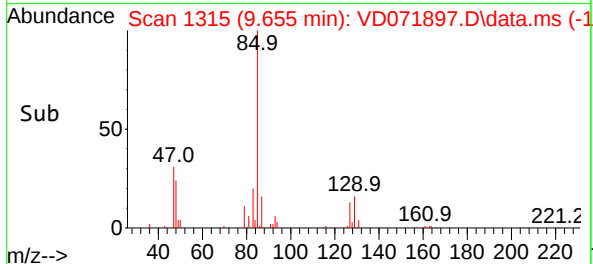
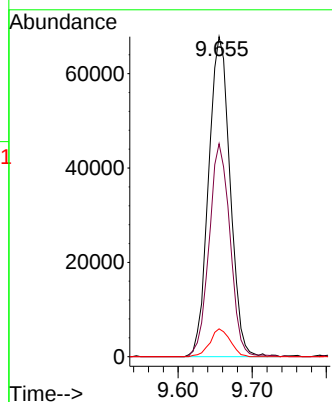
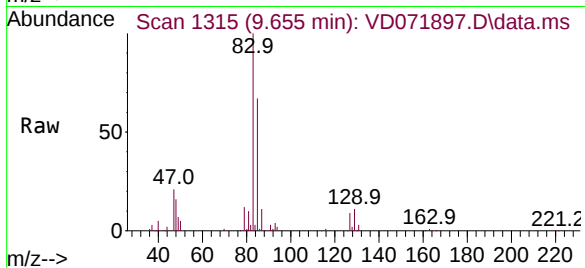
Tgt Ion: 83 Resp: 136626

Ion Ratio Lower Upper

83 100

85 66.5 51.4 77.0

127 8.7 6.1 9.1



#48

Methyl methacrylate

Concen: 17.705 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

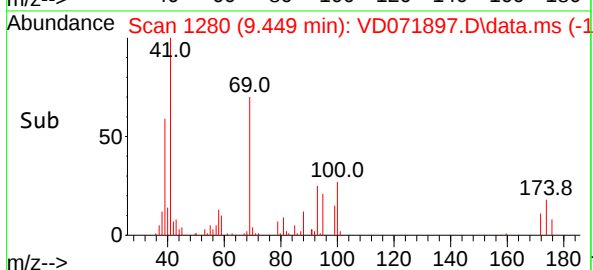
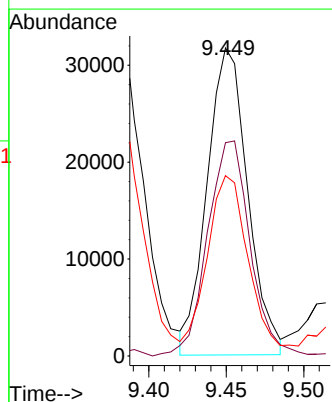
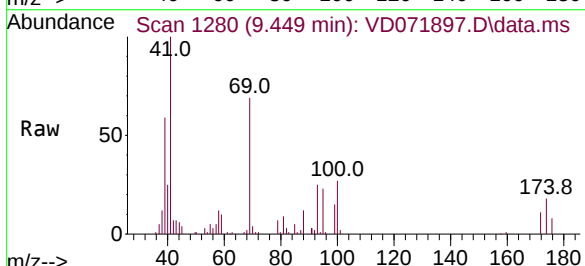
Tgt Ion: 41 Resp: 57694

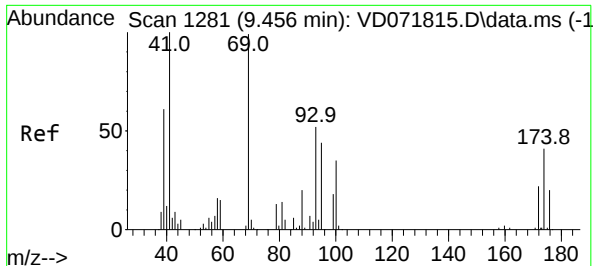
Ion Ratio Lower Upper

41 100

69 73.8 56.7 85.1

39 54.2 42.7 64.1

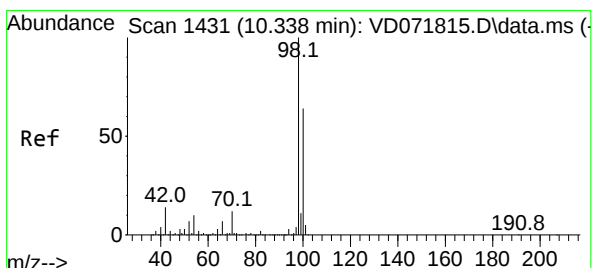
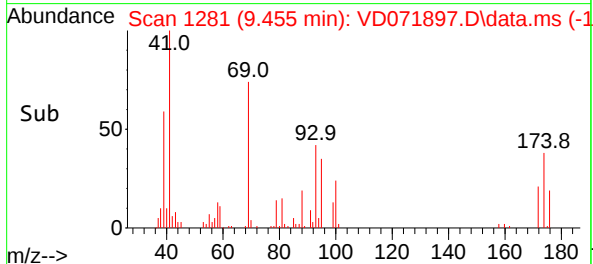
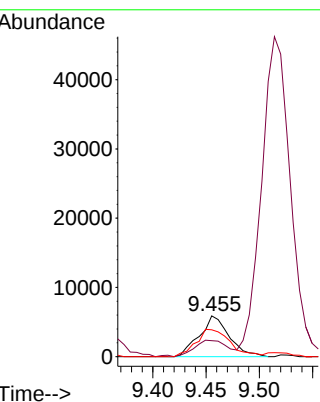
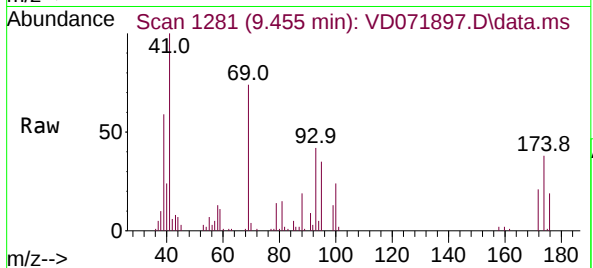




#49
1,4-Dioxane
Concen: 373.336 ug/l
RT: 9.455 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

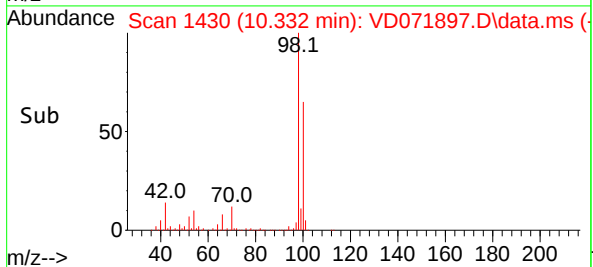
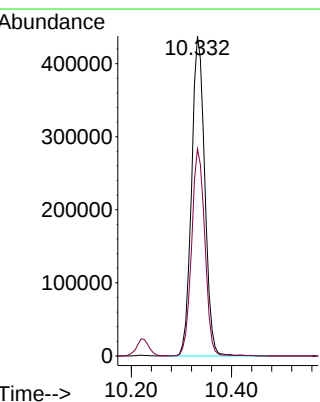
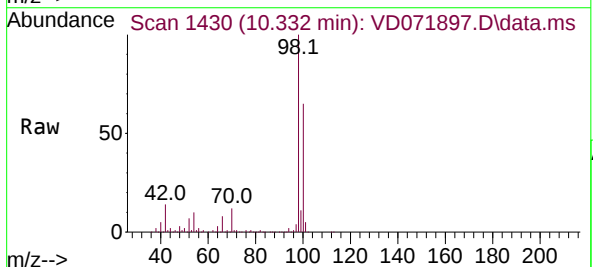
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

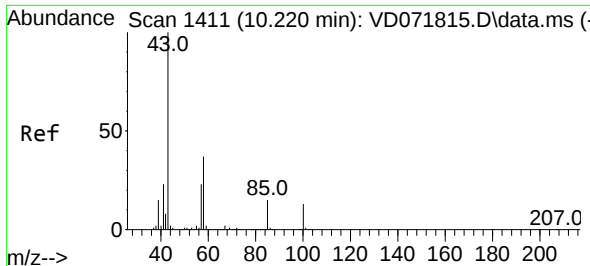
Tgt Ion: 88 Resp: 11443
Ion Ratio Lower Upper
88 100
43 39.4 31.0 46.4
58 76.7 58.1 87.1



#50
Toluene-d8
Concen: 49.829 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 98 Resp: 798926
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6

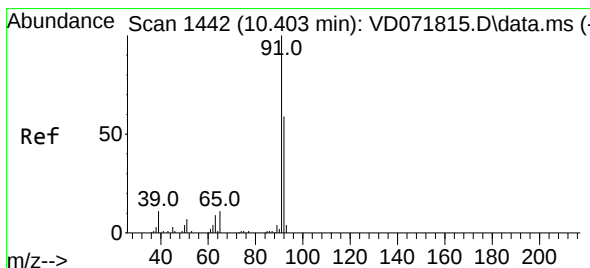
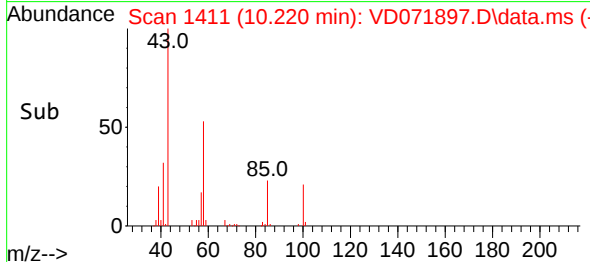
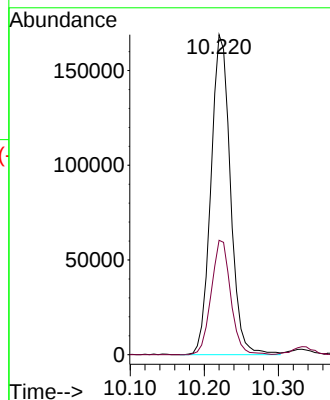
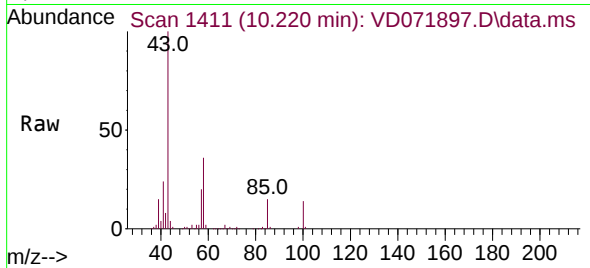




#51
4-Methyl-2-Pentanone
Concen: 95.662 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

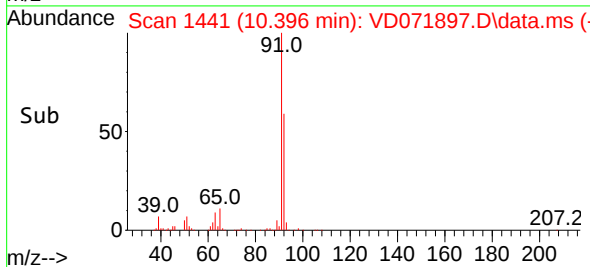
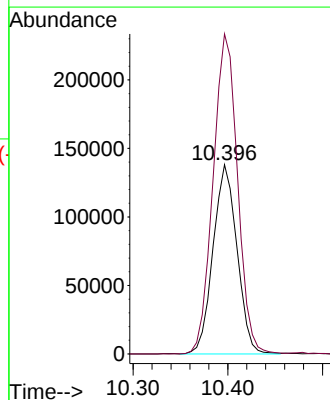
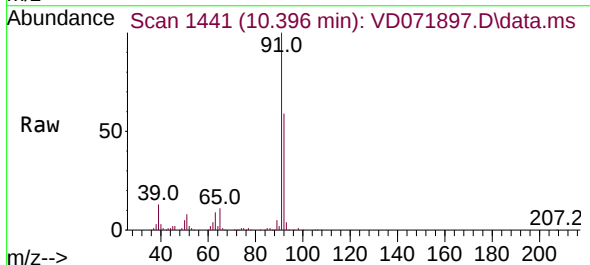
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

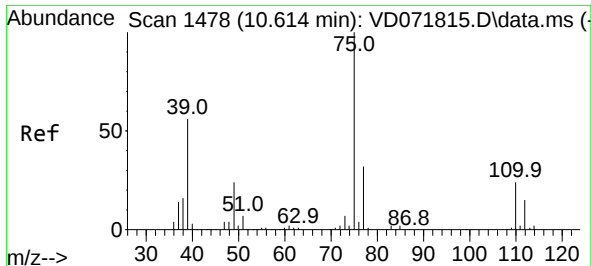
Tgt Ion: 43 Resp: 308232
Ion Ratio Lower Upper
43 100
58 35.7 28.6 43.0



#52
Toluene
Concen: 19.600 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 92 Resp: 242416
Ion Ratio Lower Upper
92 100
91 173.0 139.6 209.4

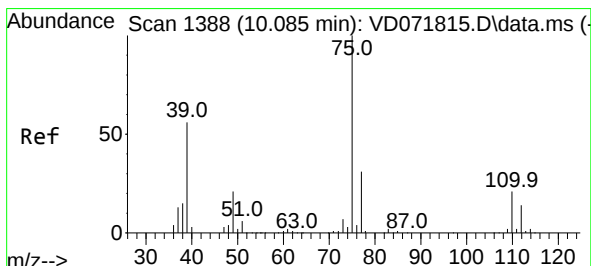
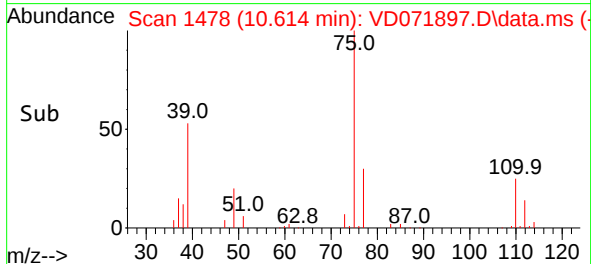
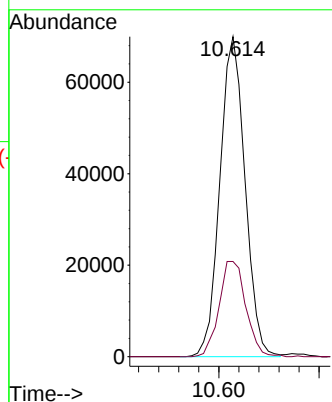
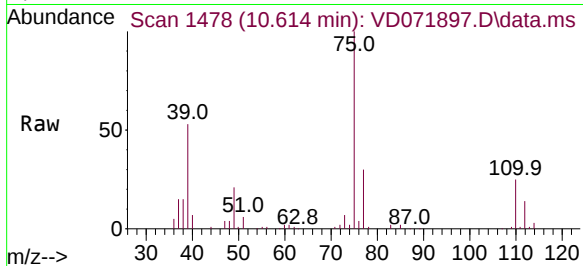




#53
t-1,3-Dichloropropene
Concen: 18.679 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

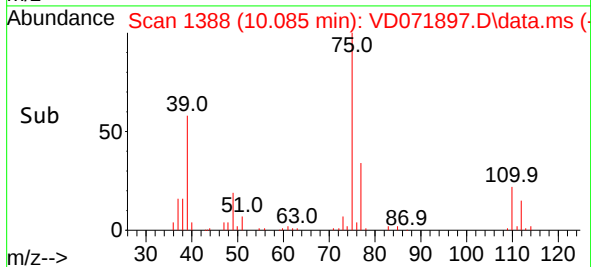
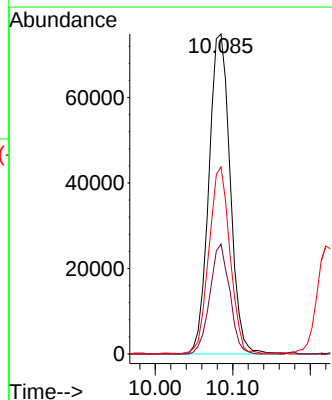
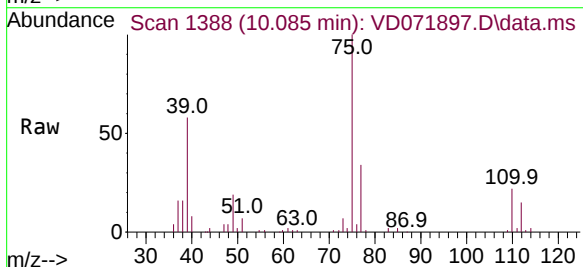
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

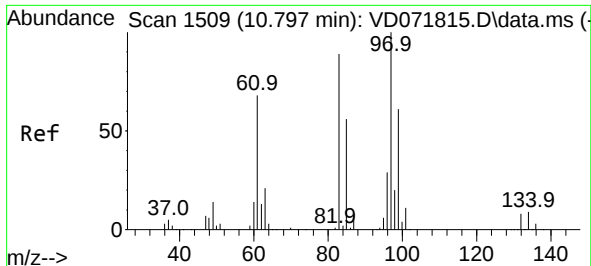
Tgt Ion: 75 Resp: 121841
Ion Ratio Lower Upper
75 100
77 29.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 18.659 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 75 Resp: 142665
Ion Ratio Lower Upper
75 100
77 34.3 24.8 37.2
39 58.5 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 20.128 ug/l

RT: 10.791 min Scan# 1509

Delta R.T. -0.006 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

Tgt Ion: 97 Resp: 71736

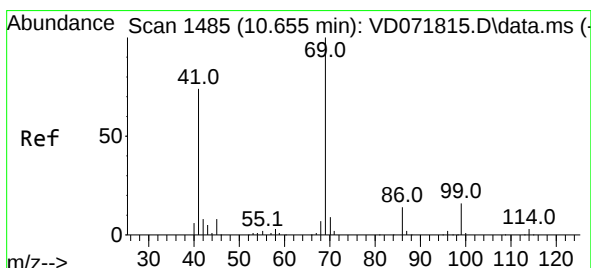
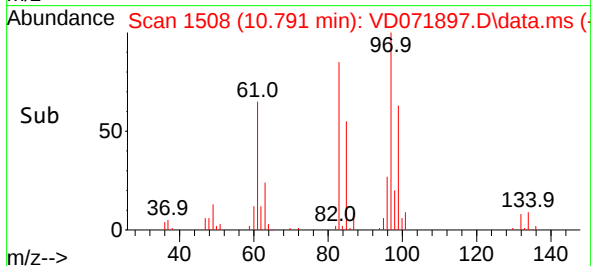
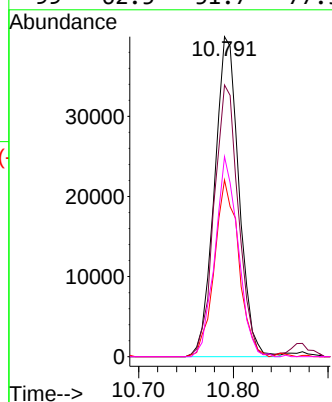
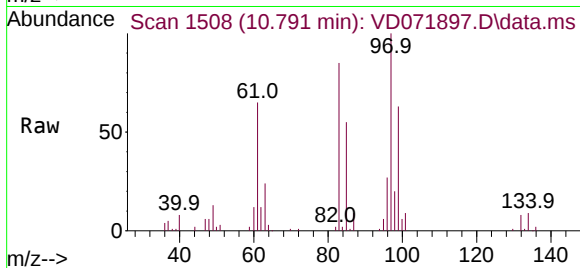
Ion Ratio Lower Upper

97 100

83 84.9 69.0 103.4

85 55.2 42.6 63.8

99 62.5 51.7 77.5



#56

Ethyl methacrylate

Concen: 17.819 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. -0.000 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

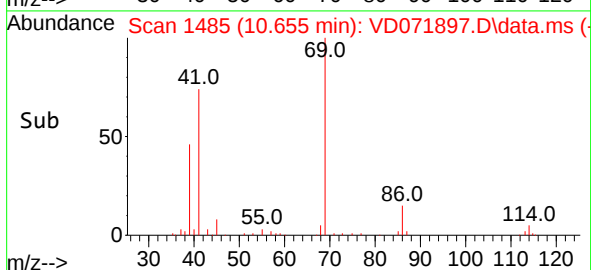
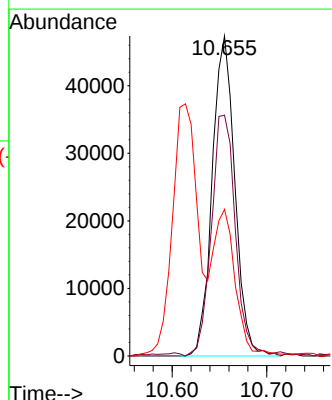
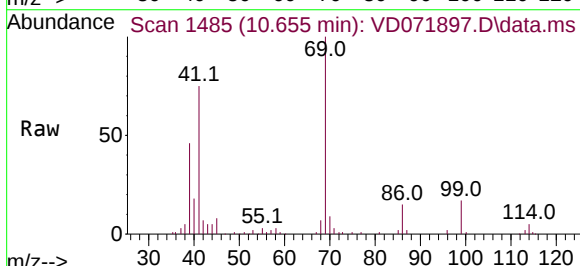
Tgt Ion: 69 Resp: 78627

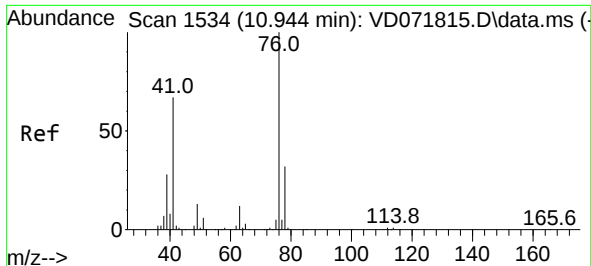
Ion Ratio Lower Upper

69 100

41 79.7 63.0 94.6

39 42.6 33.8 50.8





#57

1,3-Dichloropropane

Concen: 19.480 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

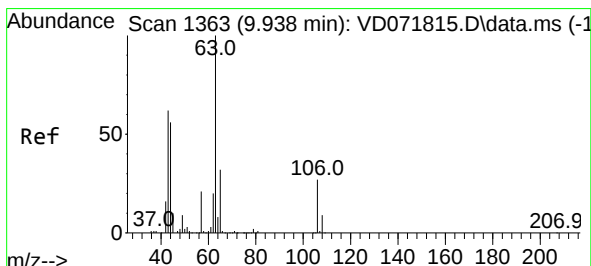
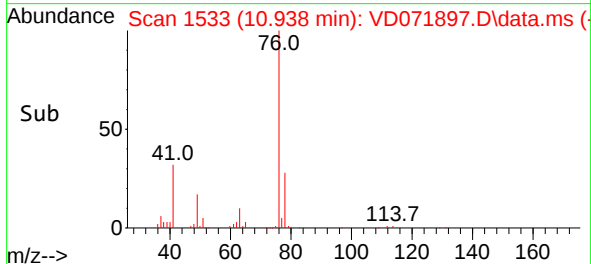
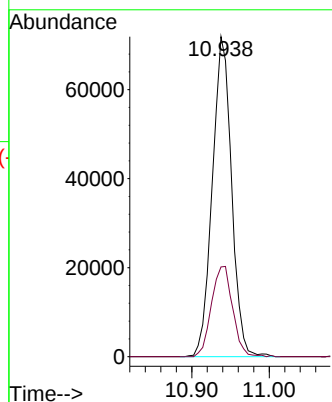
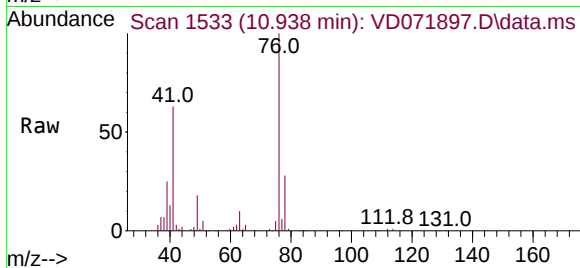
VD0204SBS01

Tgt Ion: 76 Resp: 123941

Ion Ratio Lower Upper

76 100

78 31.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 97.055 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071897.D

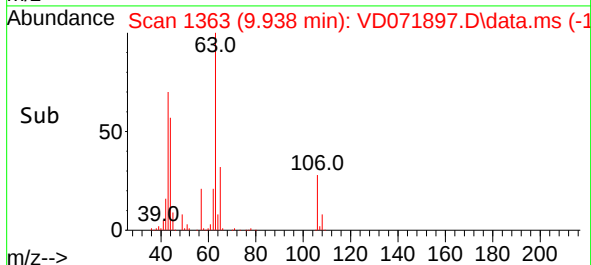
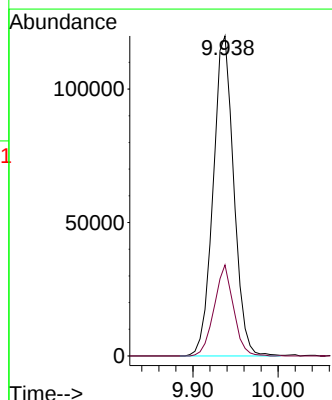
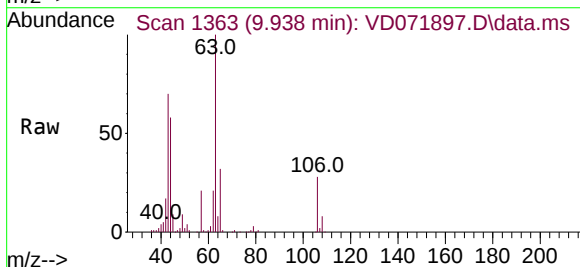
Acq: 04 Feb 2022 14:29

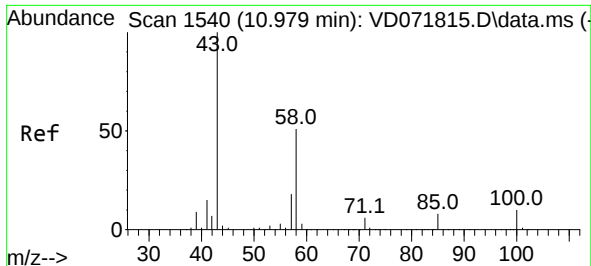
Tgt Ion: 63 Resp: 201606

Ion Ratio Lower Upper

63 100

106 26.6 21.4 32.0

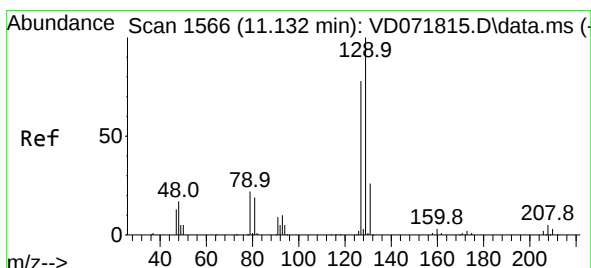
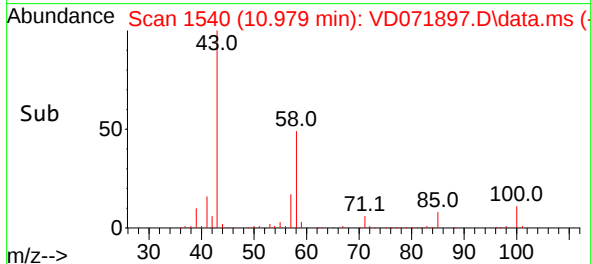
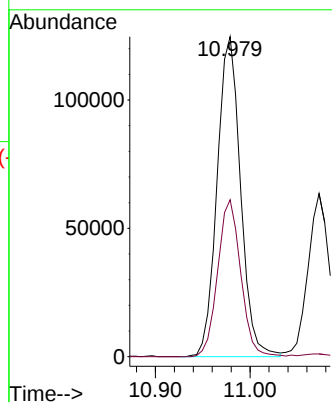
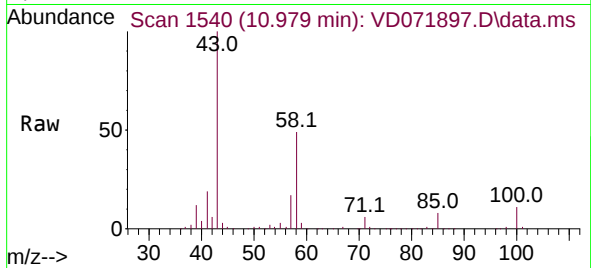




#59
2-Hexanone
Concen: 91.771 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

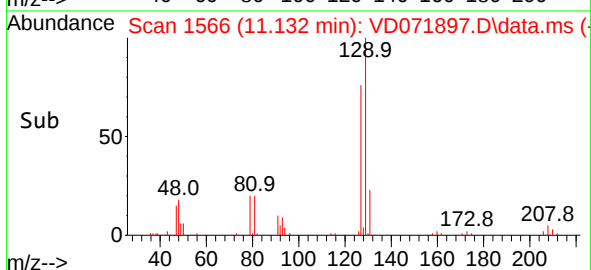
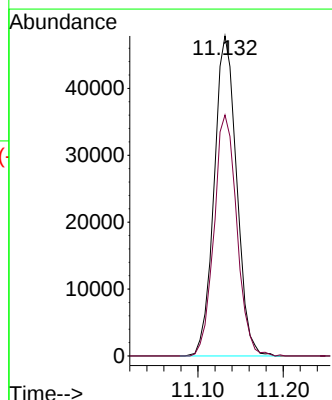
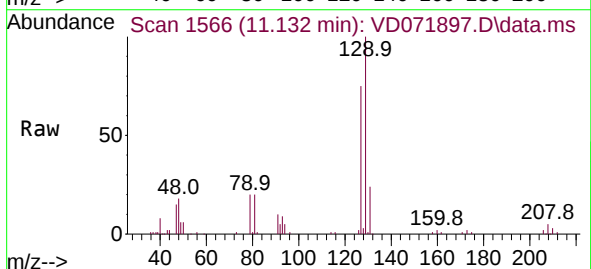
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

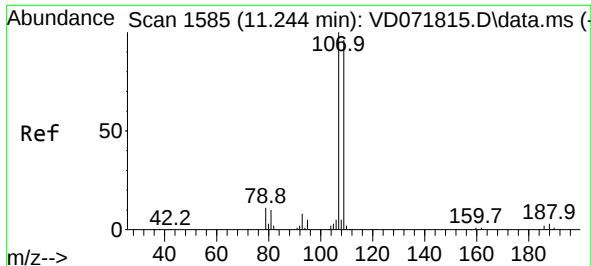
Tgt Ion: 43 Resp: 214619
Ion Ratio Lower Upper
43 100
58 48.1 25.3 75.9



#60
Dibromochloromethane
Concen: 19.933 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 129 Resp: 87727
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6

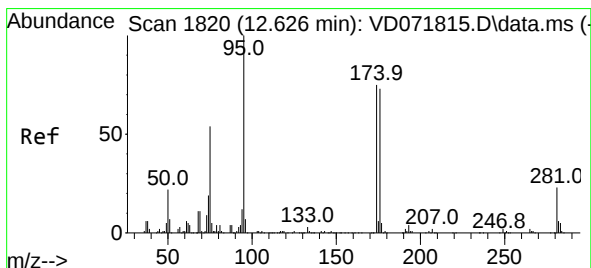
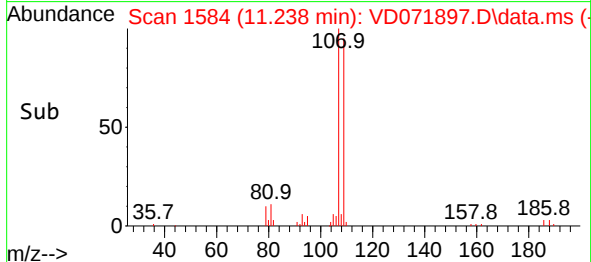
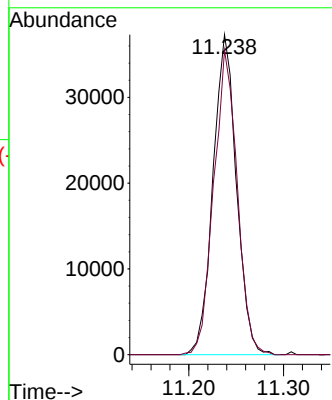
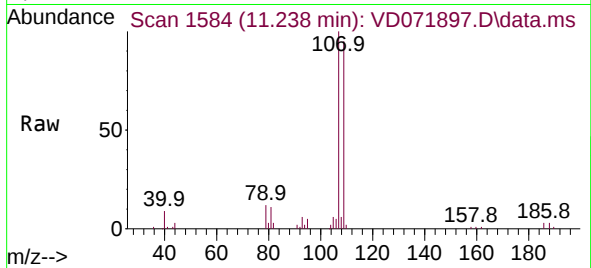




#61
1,2-Dibromoethane
Concen: 18.649 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

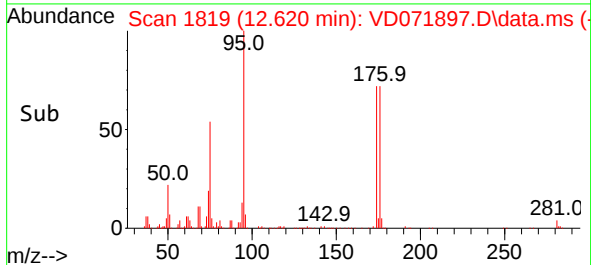
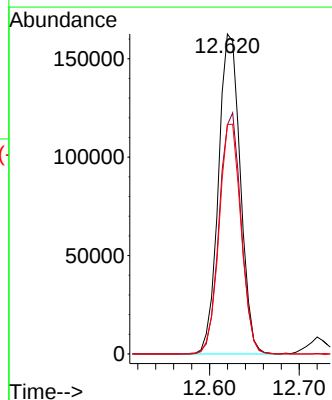
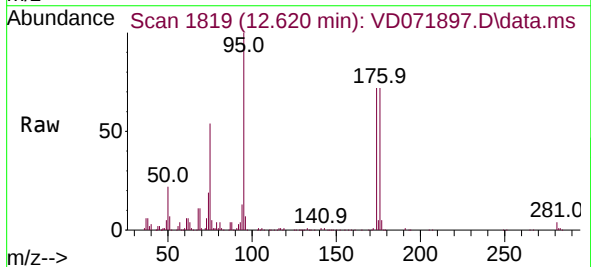
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

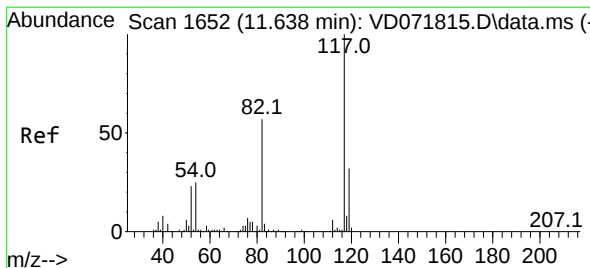
Tgt Ion:107 Resp: 64037
Ion Ratio Lower Upper
107 100
109 95.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.146 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 95 Resp: 275168
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 72.2 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: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

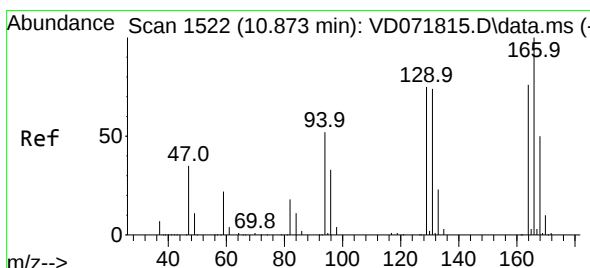
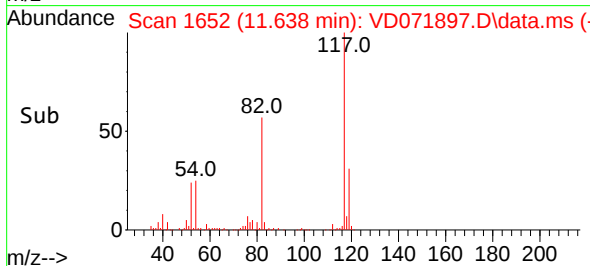
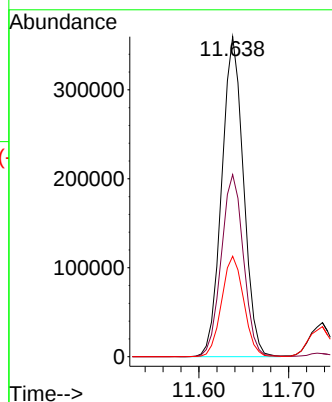
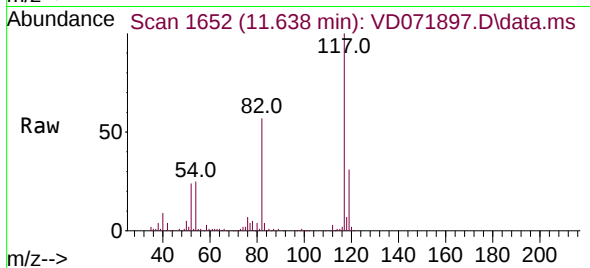
Tgt Ion:117 Resp: 604885

Ion Ratio Lower Upper

117 100

82 56.9 45.3 67.9

119 31.4 26.6 40.0



#64

Tetrachloroethene

Concen: 19.222 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Tgt Ion:164 Resp: 82244

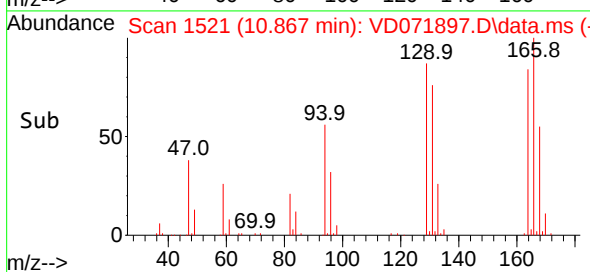
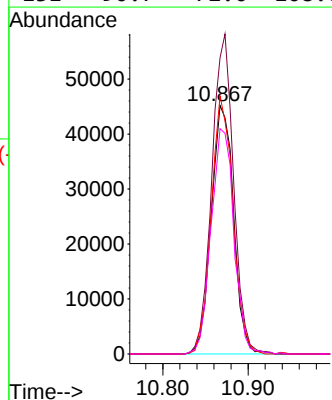
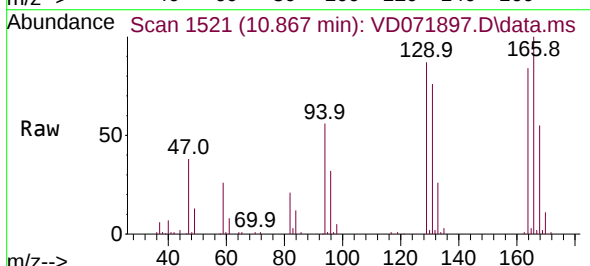
Ion Ratio Lower Upper

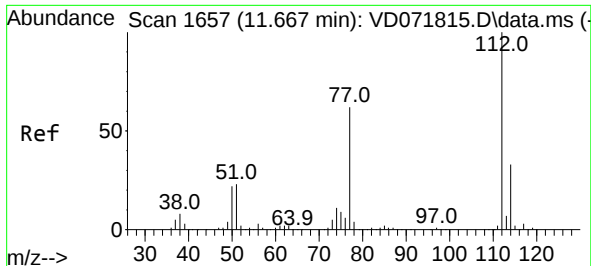
164 100

166 119.2 98.5 147.7

129 103.8 74.6 111.8

131 90.7 72.0 108.0

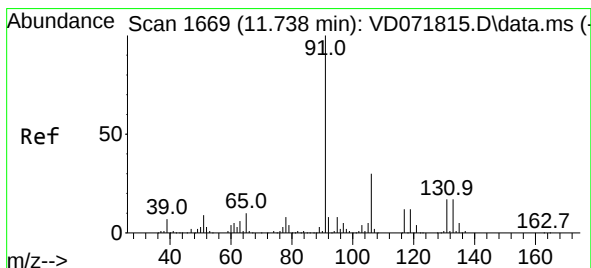
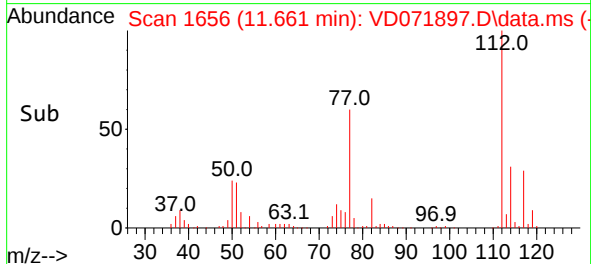
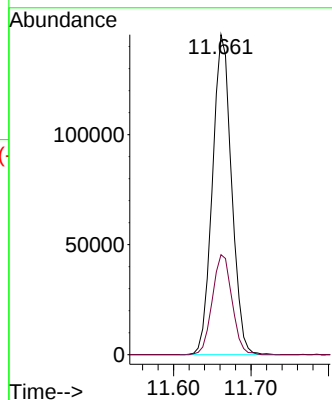
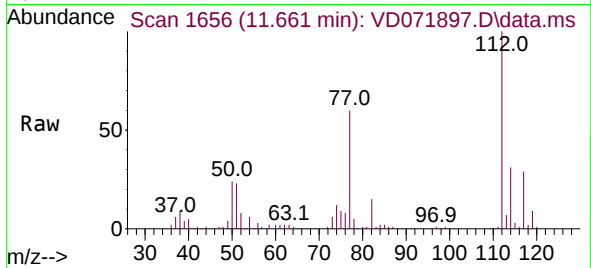




#65
Chlorobenzene
Concen: 19.526 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

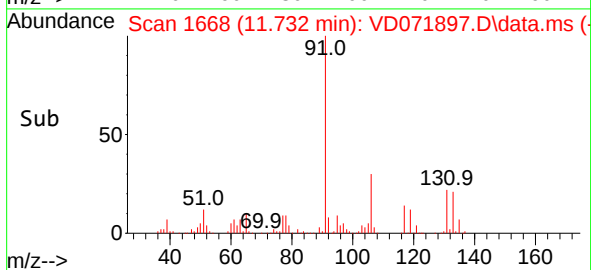
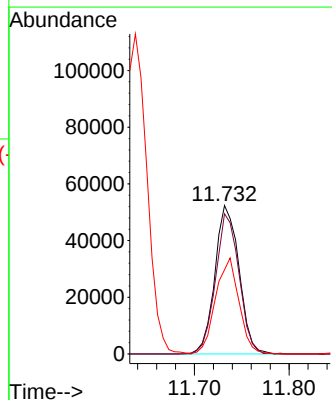
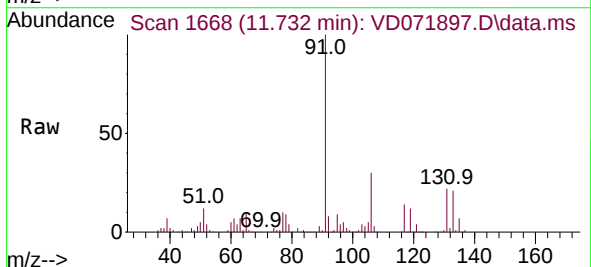
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

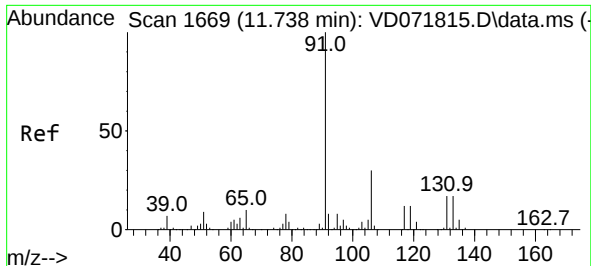
Tgt Ion:112 Resp: 249873
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.916 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion:131 Resp: 92717
Ion Ratio Lower Upper
131 100
133 92.2 48.1 144.3
119 62.8 31.9 95.9





#67

Ethyl Benzene

Concen: 19.189 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

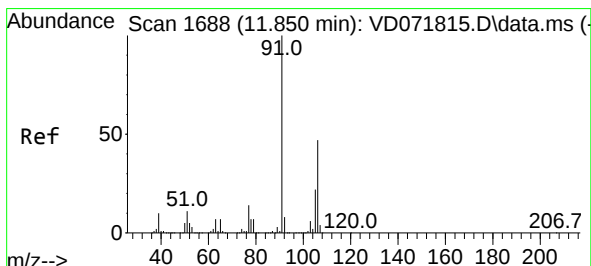
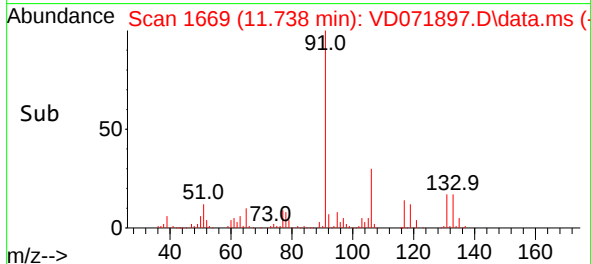
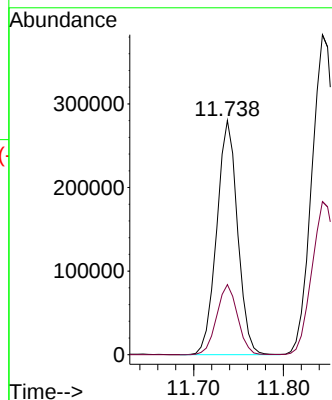
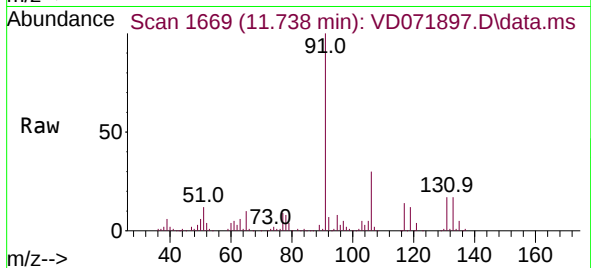
VD0204SBS01

Tgt Ion: 91 Resp: 451829

Ion Ratio Lower Upper

91 100

106 29.9 24.2 36.4



#68

m/p-Xylenes

Concen: 38.918 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VD071897.D

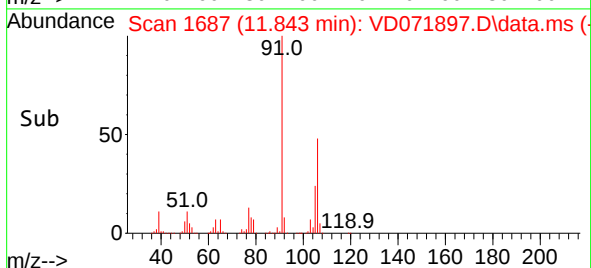
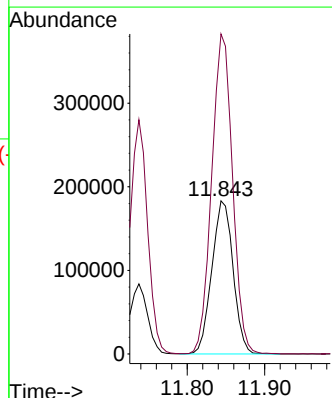
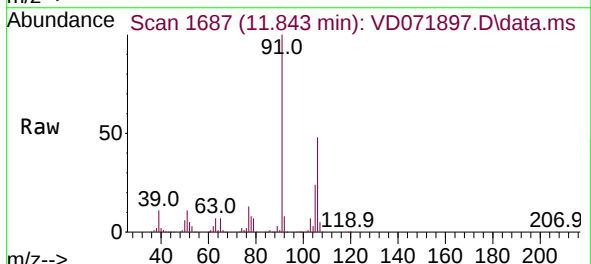
Acq: 04 Feb 2022 14:29

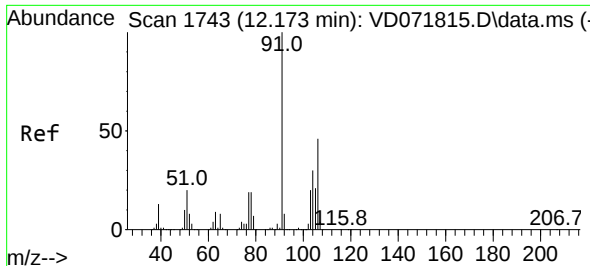
Tgt Ion: 106 Resp: 348563

Ion Ratio Lower Upper

106 100

91 205.5 163.7 245.5

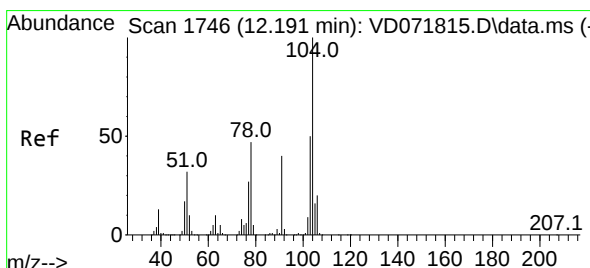
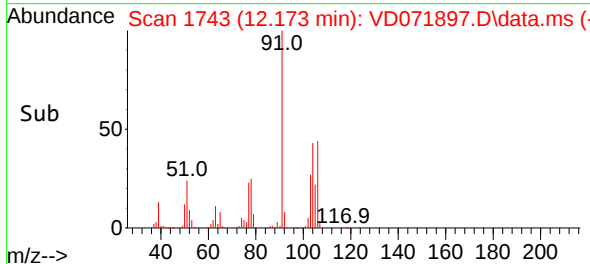
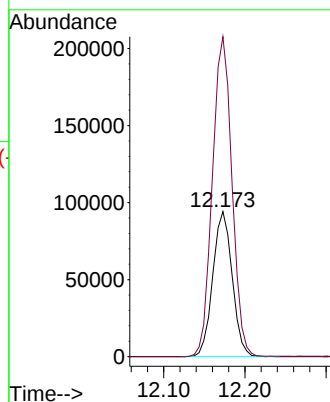
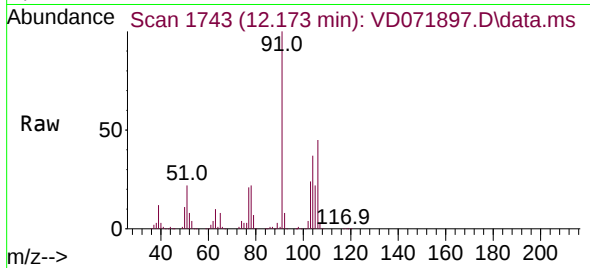




#69
o-Xylene
Concen: 19.204 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

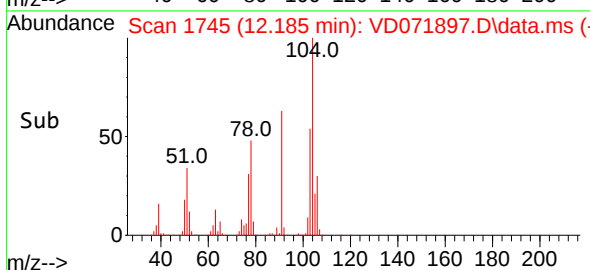
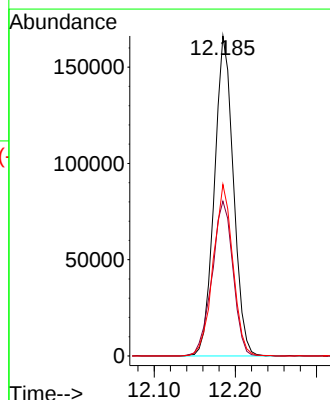
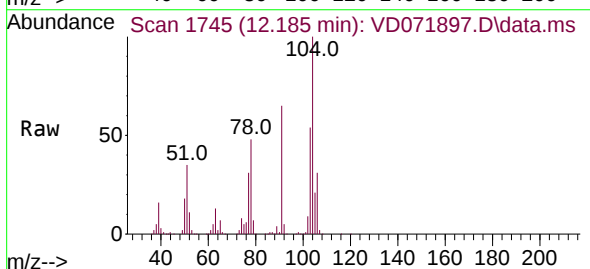
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

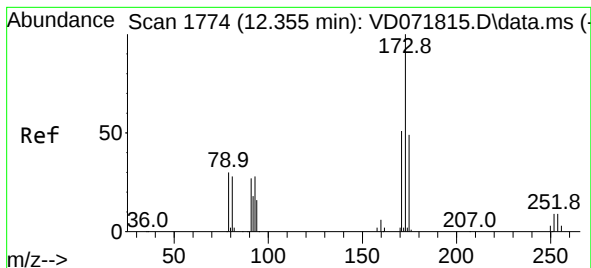
Tgt Ion:106 Resp: 156302
Ion Ratio Lower Upper
106 100
91 222.7 110.4 331.2



#70
Styrene
Concen: 19.306 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion:104 Resp: 270844
Ion Ratio Lower Upper
104 100
78 53.1 41.8 62.8
103 55.4 44.2 66.4





#71

Bromoform

Concen: 19.062 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

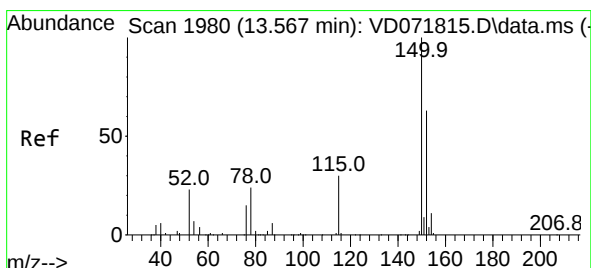
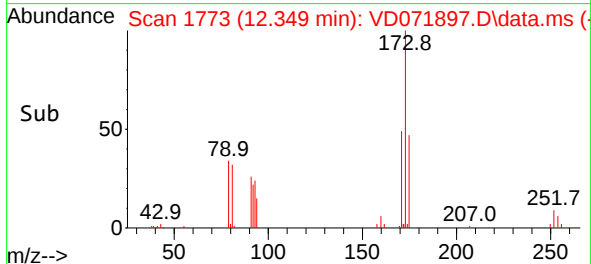
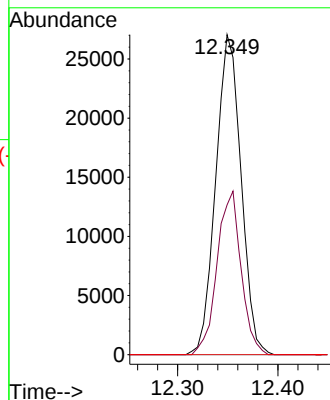
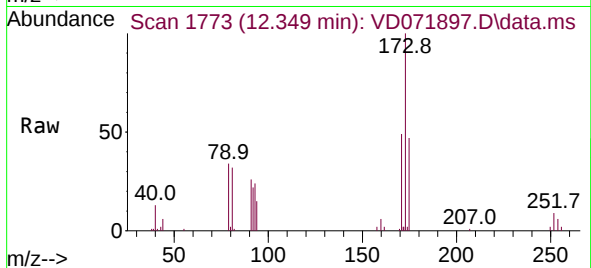
Tgt Ion:173 Resp: 47382

Ion Ratio Lower Upper

173 100

175 48.5 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: VD071897.D

Acq: 04 Feb 2022 14:29

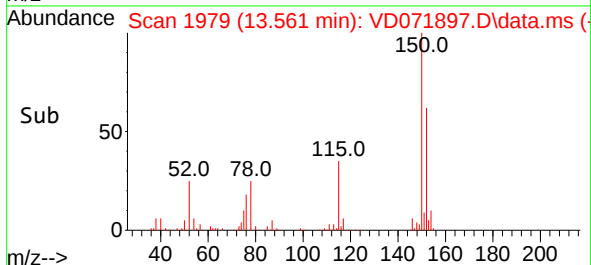
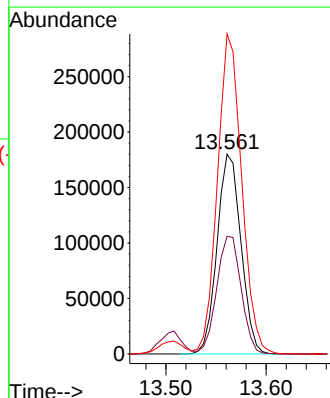
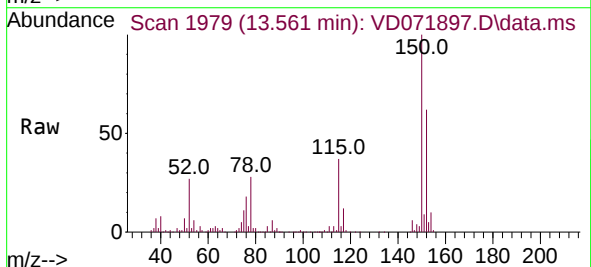
Tgt Ion:152 Resp: 297909

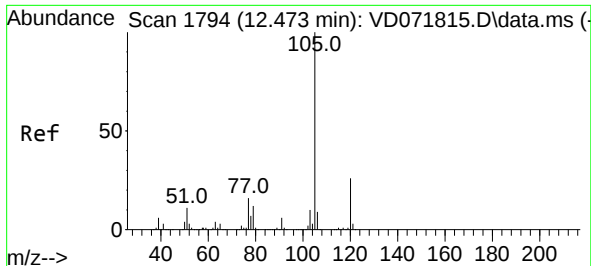
Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 162.9 0.0 348.6

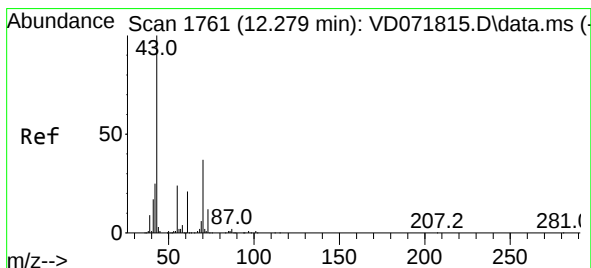
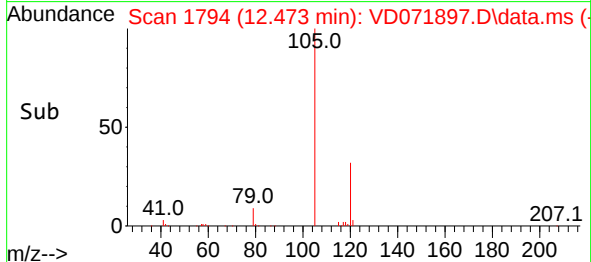
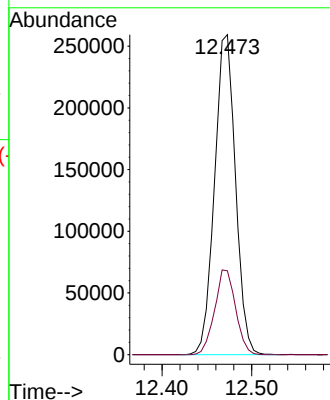
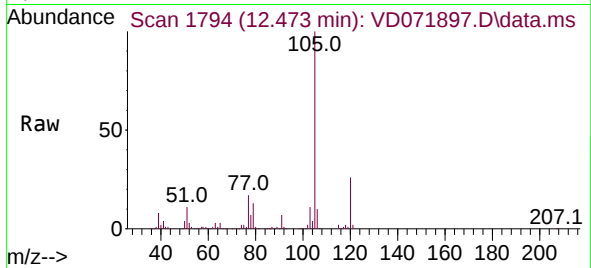




#73
Isopropylbenzene
Concen: 18.206 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

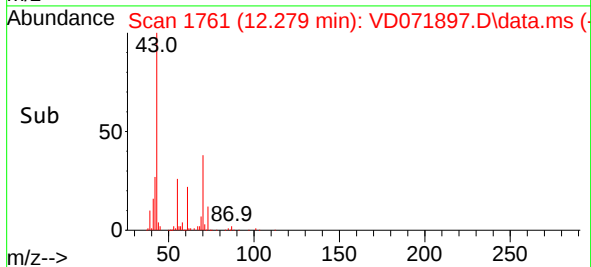
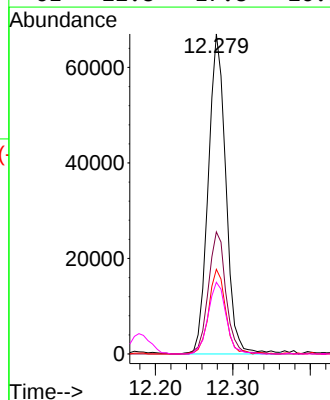
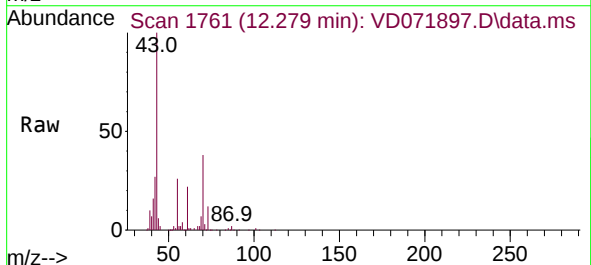
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

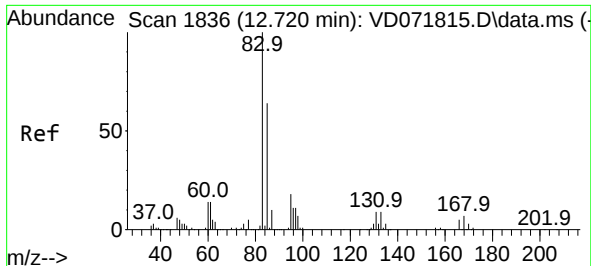
Tgt Ion:105 Resp: 419974
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 18.651 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 43 Resp: 105811
Ion Ratio Lower Upper
43 100
70 38.1 31.3 46.9
55 25.2 20.0 30.0
61 22.8 17.8 26.8

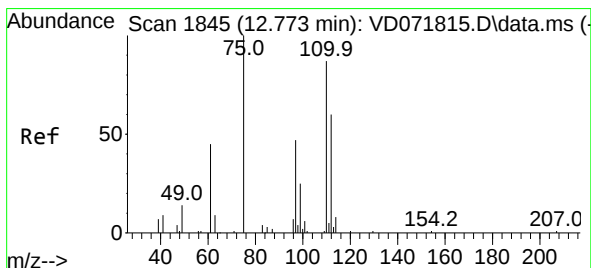
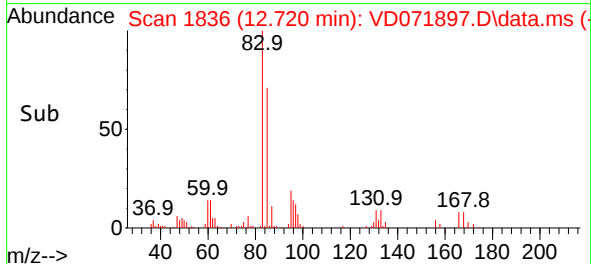
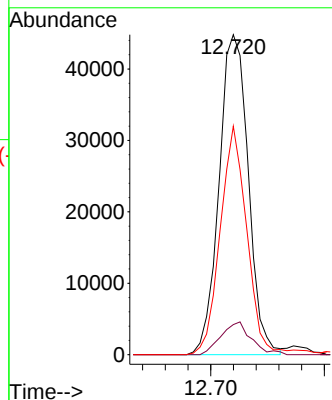
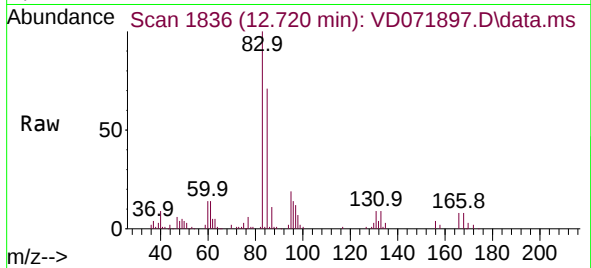




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.744 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD071897.D
 Acq: 04 Feb 2022 14:29

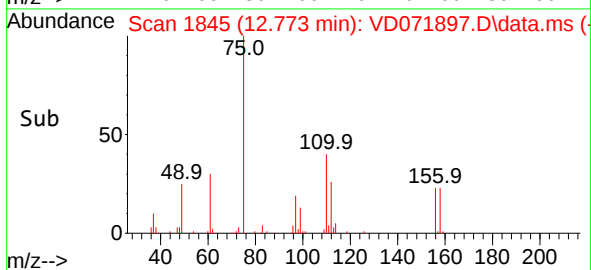
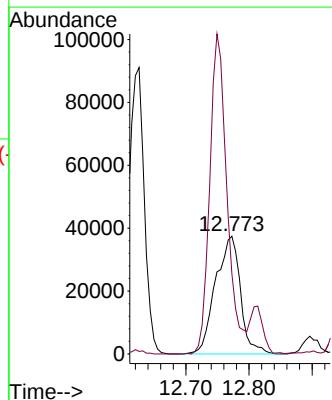
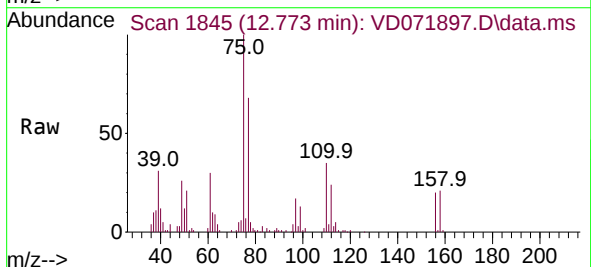
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01

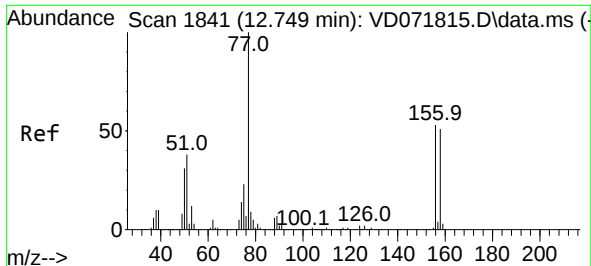
Tgt Ion: 83 Resp: 80018
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.0 14.9
 85 65.9 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 32.620 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VD071897.D
 Acq: 04 Feb 2022 14:29

Tgt Ion: 75 Resp: 102412
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

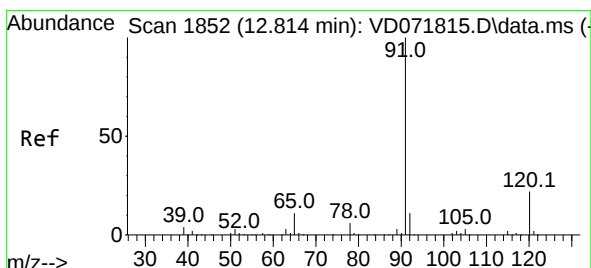
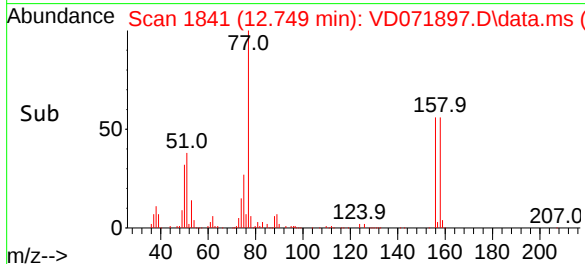
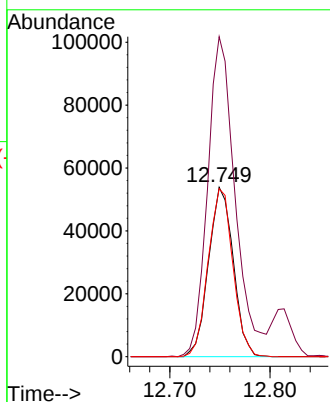
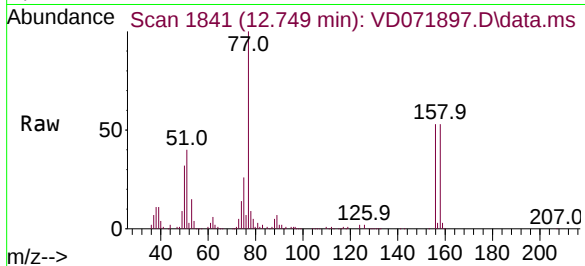




#77
Bromobenzene
Concen: 17.973 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

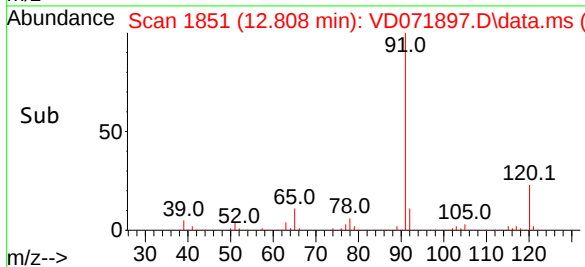
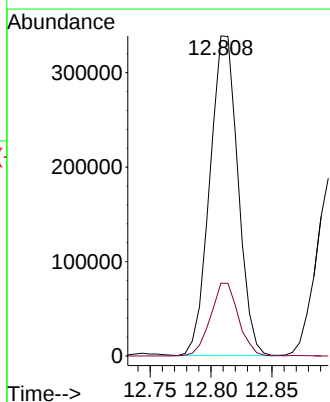
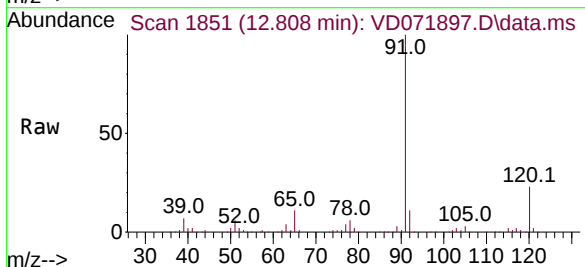
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

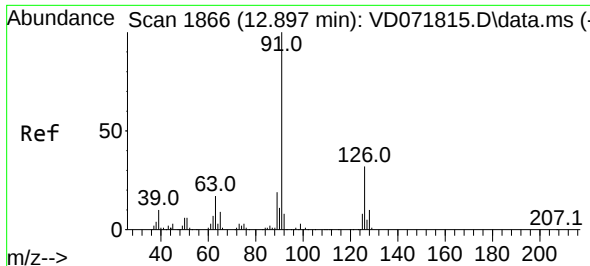
Tgt Ion:156 Resp: 92231
Ion Ratio Lower Upper
156 100
77 210.5 102.8 308.3
158 99.4 48.7 146.1



#78
n-propylbenzene
Concen: 18.862 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 91 Resp: 545603
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9

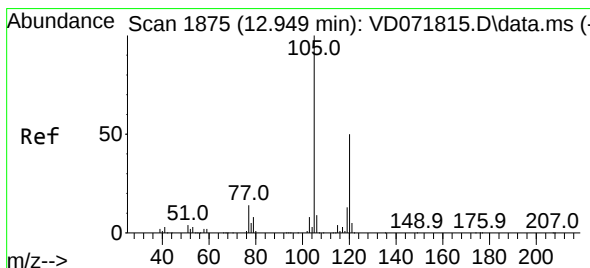
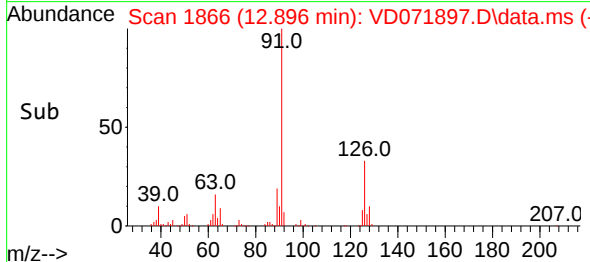
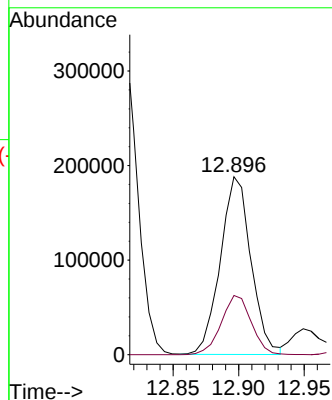
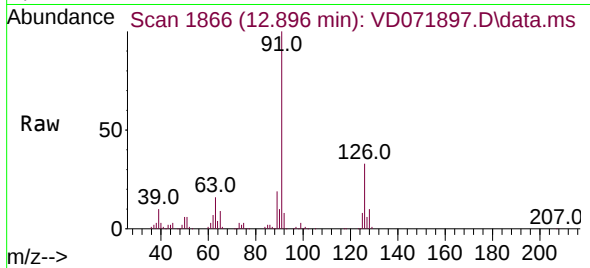




#79
2-Chlorotoluene
Concen: 18.648 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

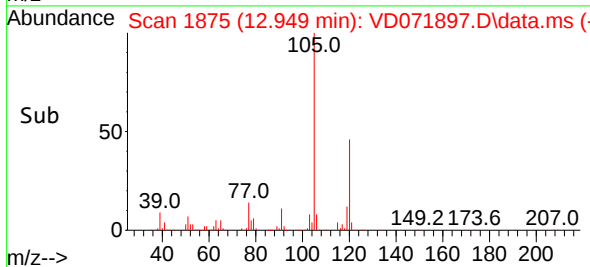
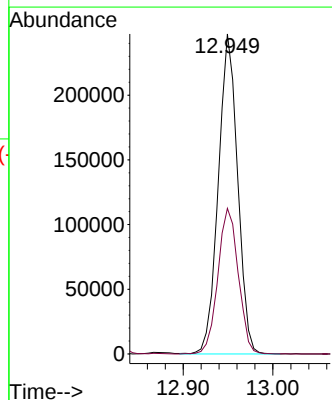
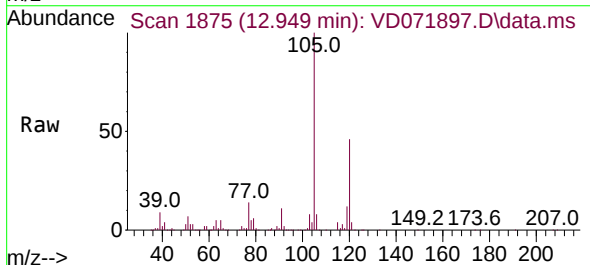
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

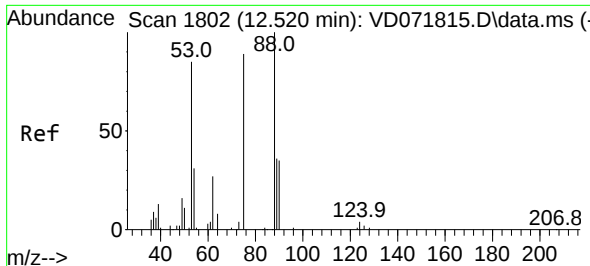
Tgt Ion: 91 Resp: 305677
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 19.325 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 105 Resp: 369766
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8

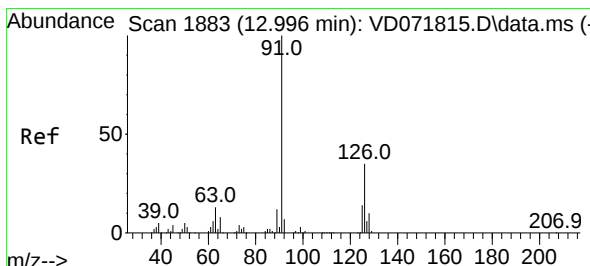
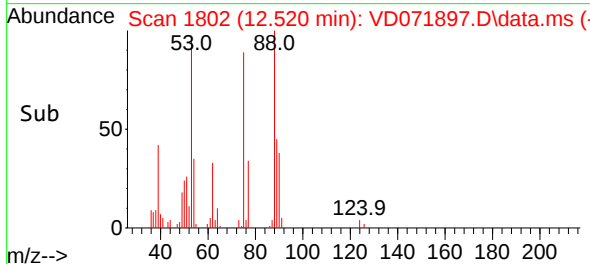
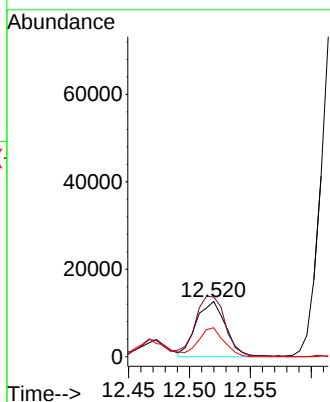
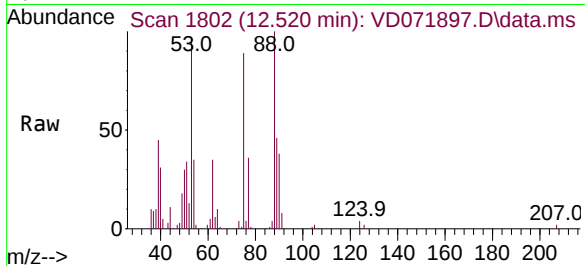




#81
trans-1,4-Dichloro-2-butene
Concen: 16.760 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

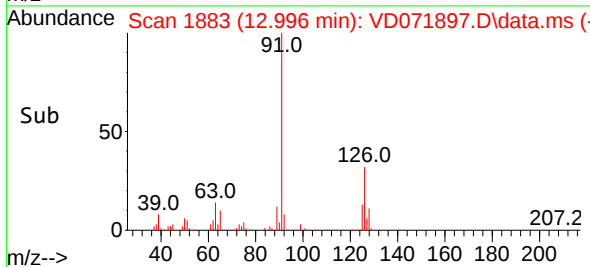
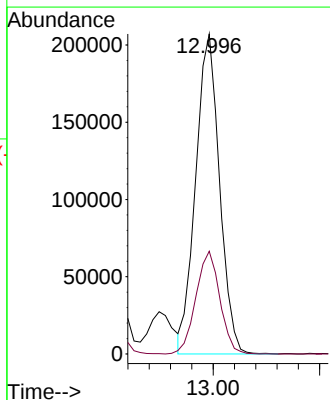
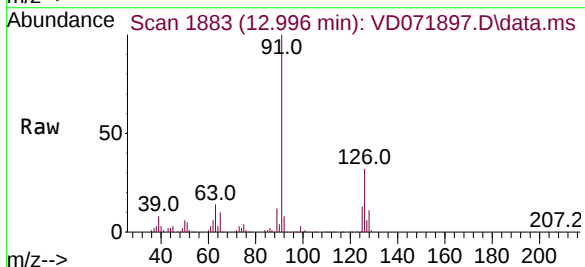
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

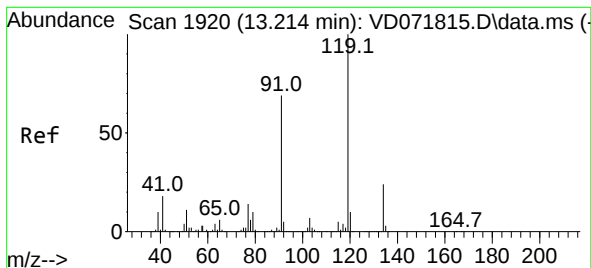
Tgt Ion: 75 Resp: 21401
Ion Ratio Lower Upper
75 100
53 113.3 86.5 129.7
89 44.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 18.904 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 91 Resp: 322394
Ion Ratio Lower Upper
91 100
126 32.2 16.5 49.5





#83

tert-Butylbenzene

Concen: 18.998 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. -0.000 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

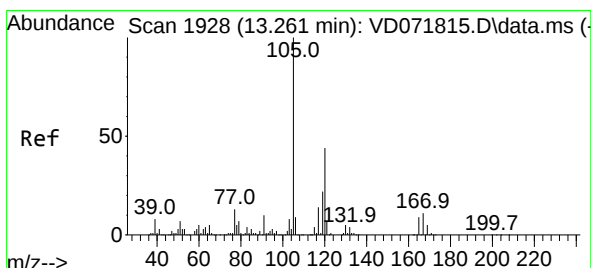
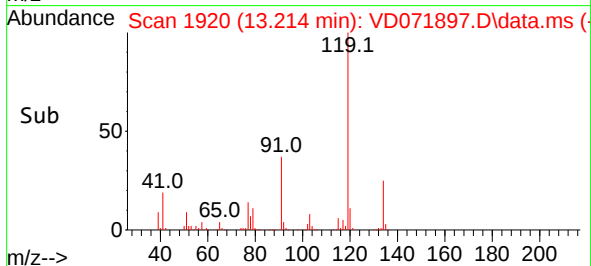
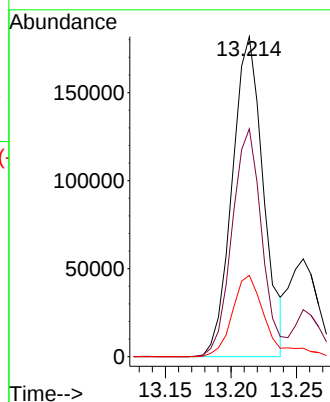
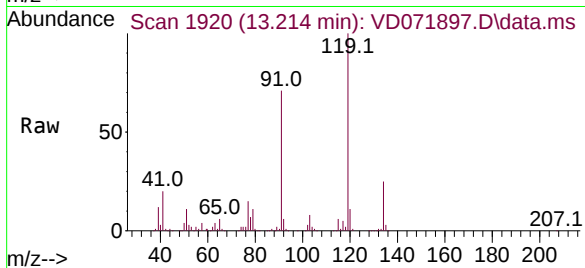
Tgt Ion:119 Resp: 301254

Ion Ratio Lower Upper

119 100

91 68.8 34.8 104.5

134 27.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.019 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD071897.D

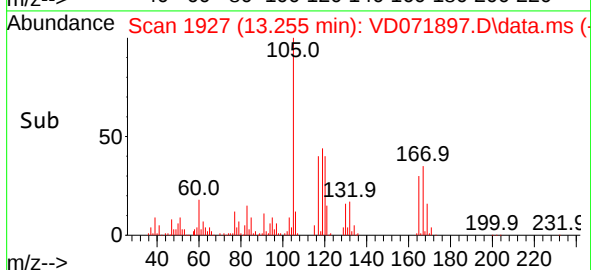
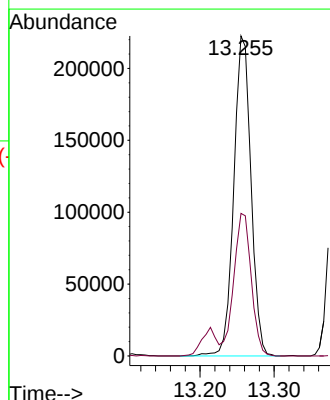
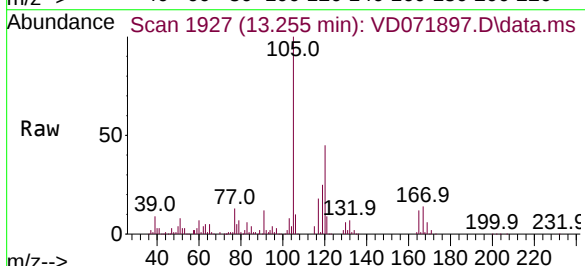
Acq: 04 Feb 2022 14:29

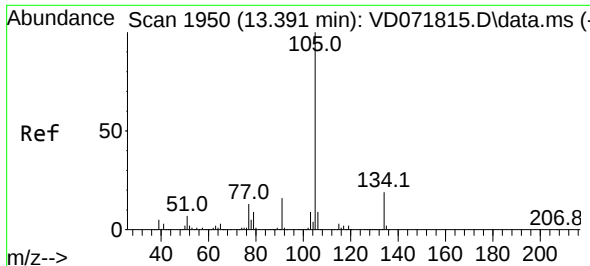
Tgt Ion:105 Resp: 357971

Ion Ratio Lower Upper

105 100

120 45.5 22.3 66.8

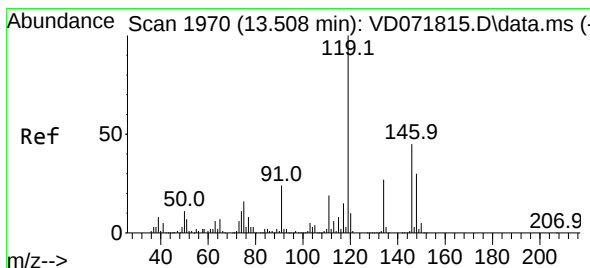
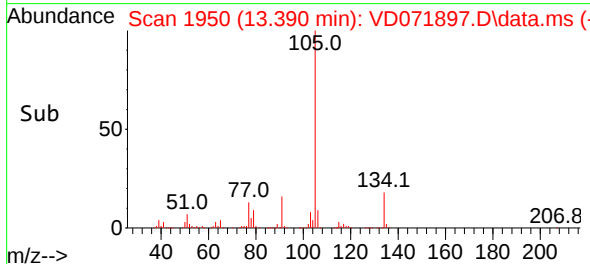
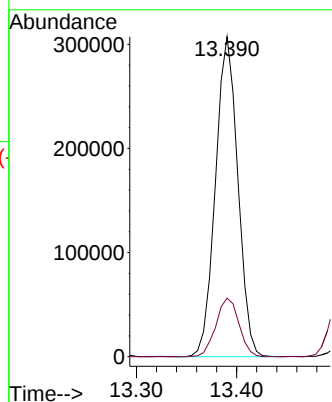
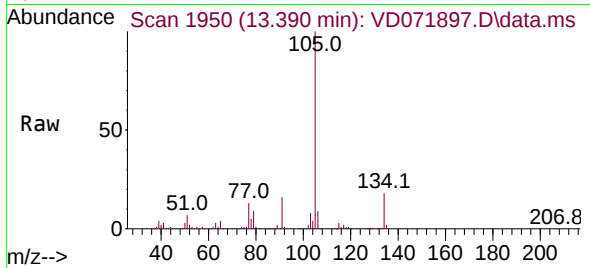




#85
 sec-Butylbenzene
 Concen: 19.173 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071897.D
 Acq: 04 Feb 2022 14:29

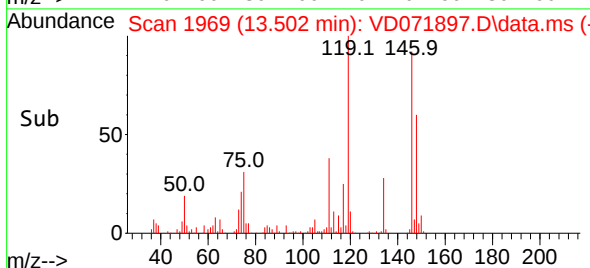
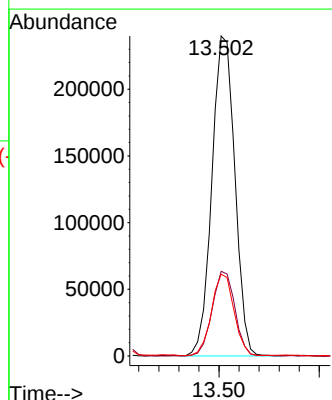
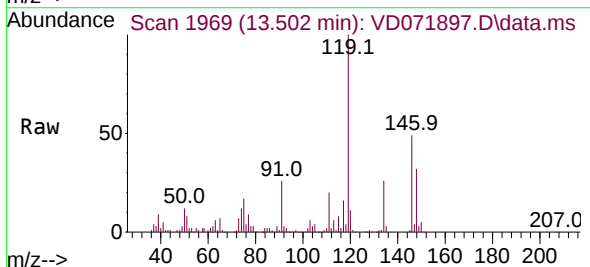
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01

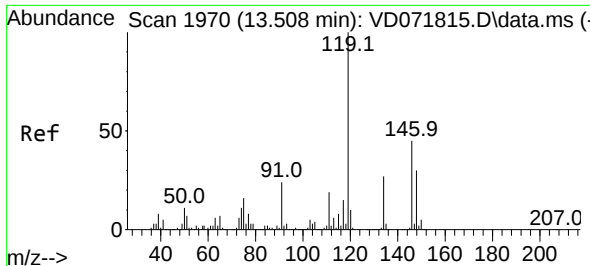
Tgt Ion:105 Resp: 475717
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.896 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD071897.D
 Acq: 04 Feb 2022 14:29

Tgt Ion:119 Resp: 380998
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.8 12.1 36.3

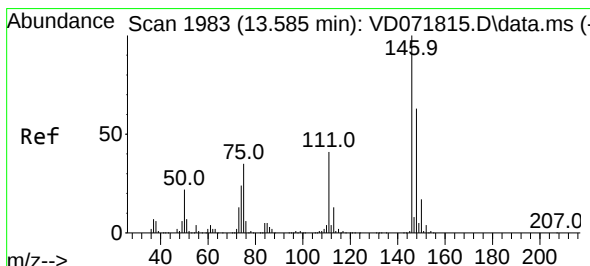
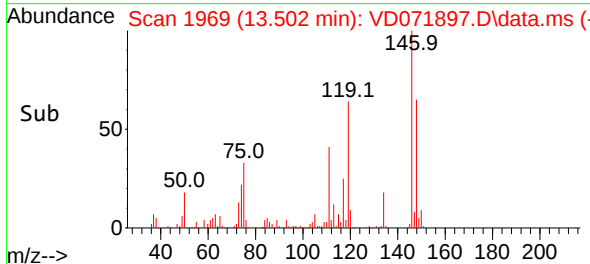
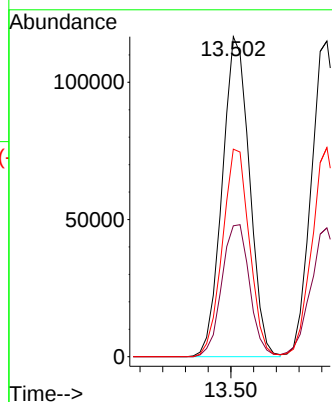
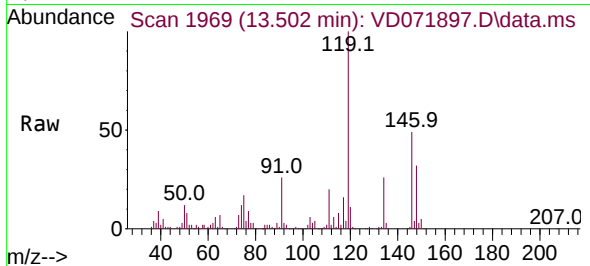




#87
1,3-Dichlorobenzene
Concen: 18.654 ug/l
RT: 13.502 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

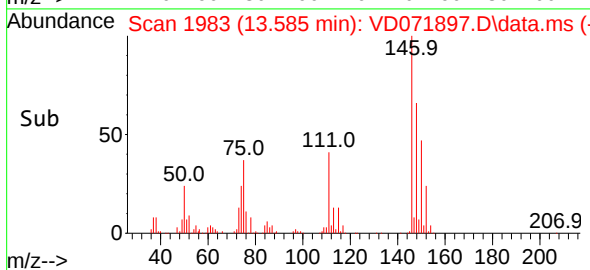
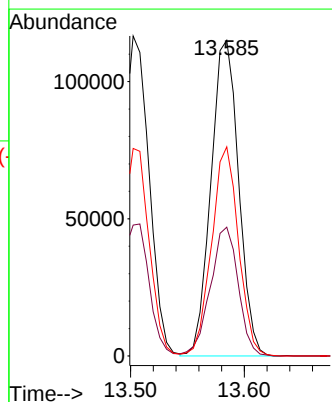
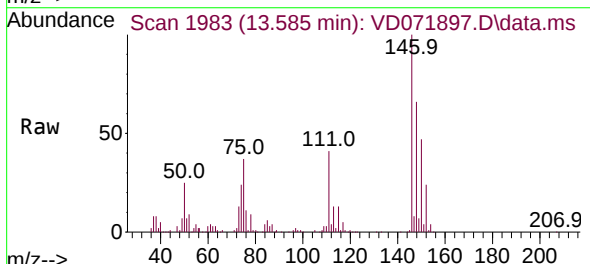
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

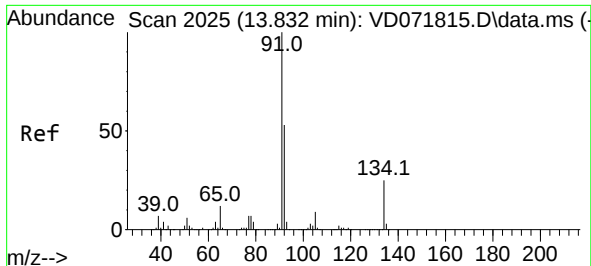
Tgt Ion:146 Resp: 194374
Ion Ratio Lower Upper
146 100
111 42.1 20.4 61.3
148 64.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 18.764 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion:146 Resp: 195133
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 64.4 31.7 95.1

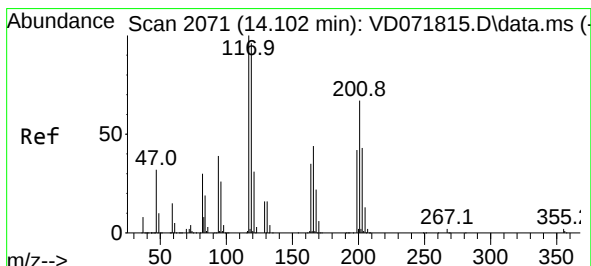
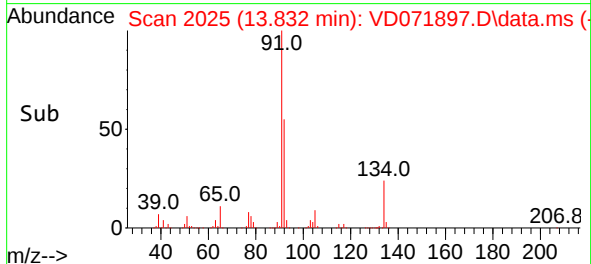
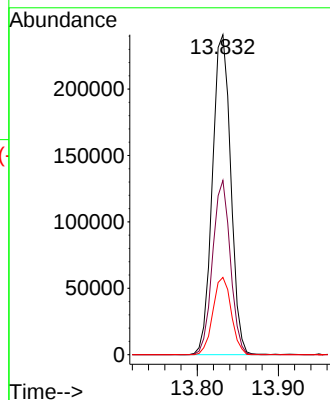
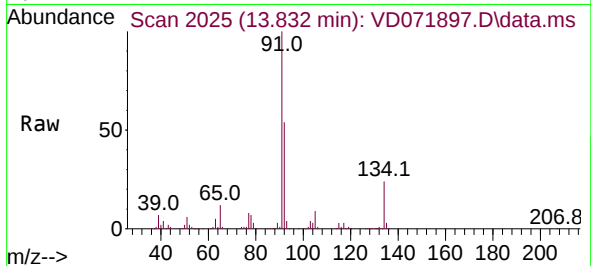




#89
n-Butylbenzene
Concen: 19.109 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

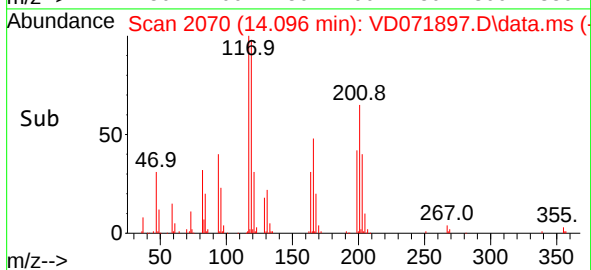
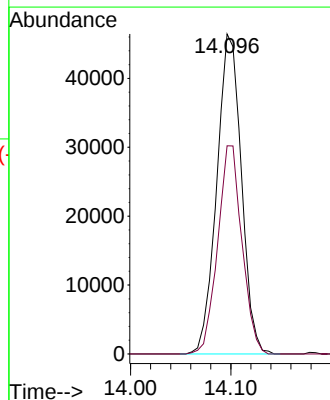
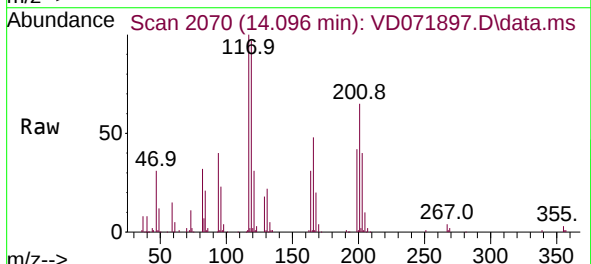
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

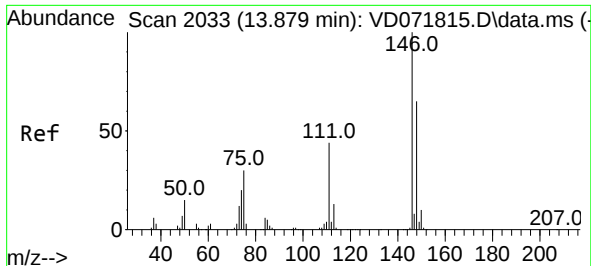
Tgt Ion: 91 Resp: 378015
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.8
134 24.2 12.3 36.9



#90
Hexachloroethane
Concen: 19.745 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion: 117 Resp: 79133
Ion Ratio Lower Upper
117 100
201 64.2 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 18.639 ug/l

RT: 13.873 min Scan# 2033

Delta R.T. -0.006 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

VD0204SBS01

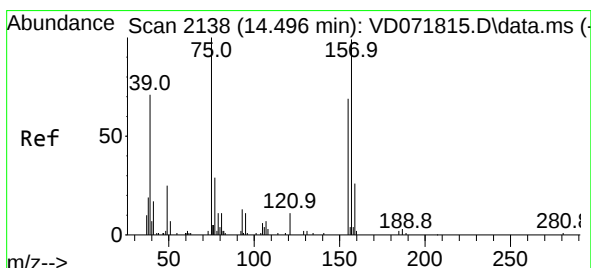
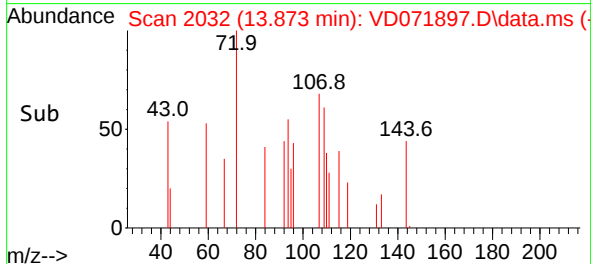
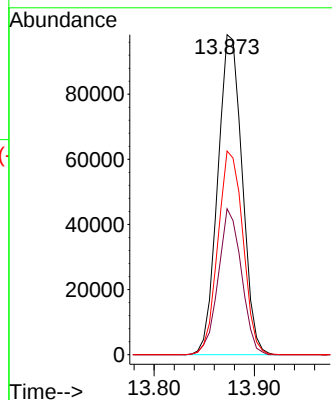
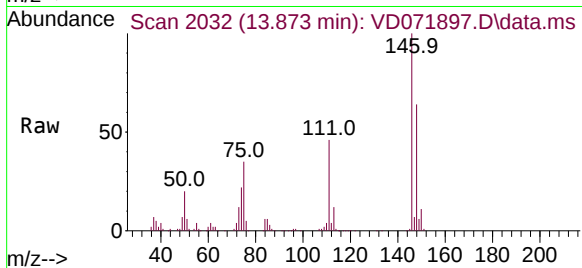
Tgt Ion:146 Resp: 166203

Ion Ratio Lower Upper

146 100

111 43.4 21.1 63.3

148 65.2 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.886 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VD071897.D

Acq: 04 Feb 2022 14:29

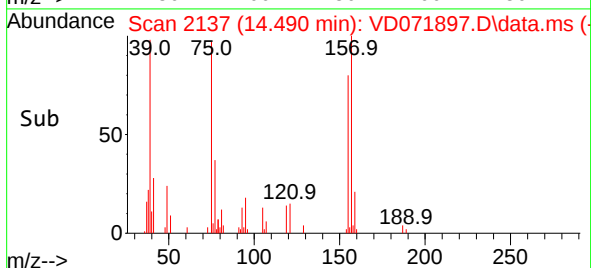
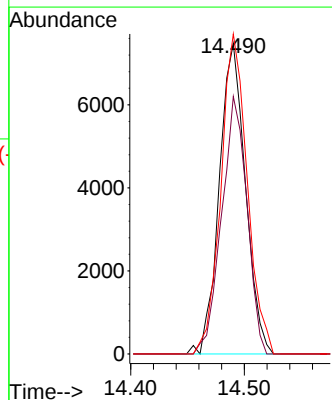
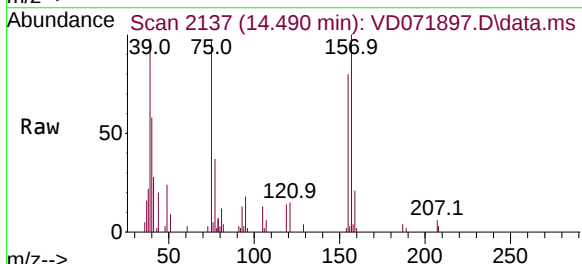
Tgt Ion: 75 Resp: 11938

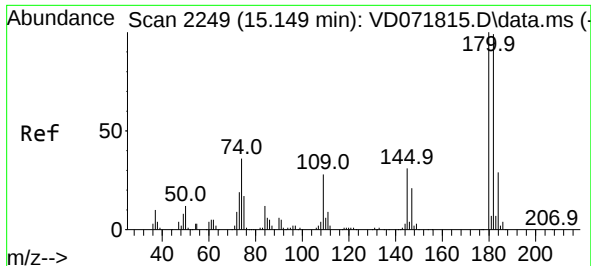
Ion Ratio Lower Upper

75 100

155 80.3 36.8 110.3

157 104.1 48.4 145.0

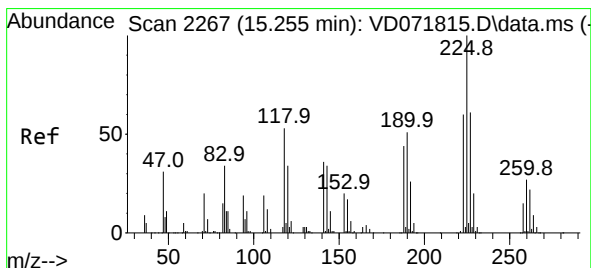
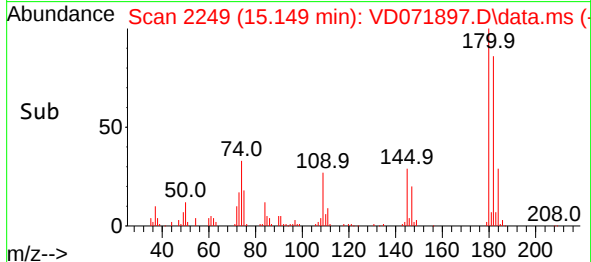
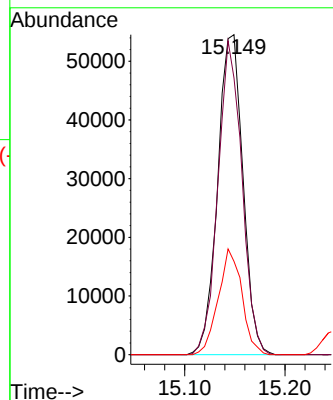
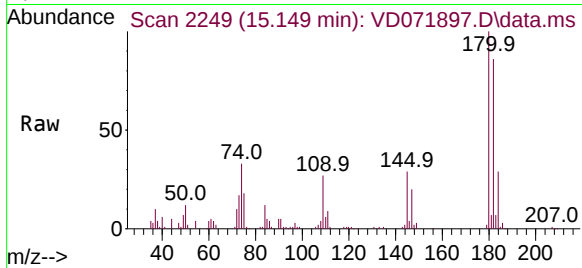




#93
 1,2,4-Trichlorobenzene
 Concen: 18.319 ug/l
 RT: 15.149 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD071897.D
 Acq: 04 Feb 2022 14:29

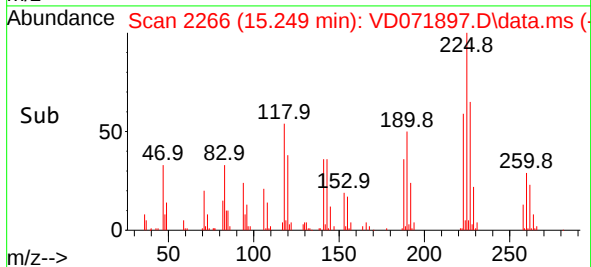
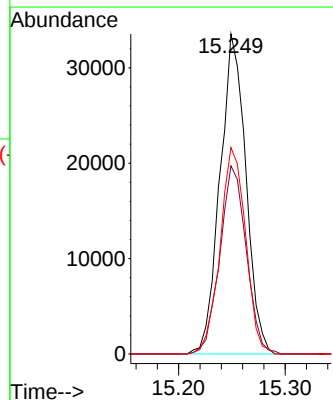
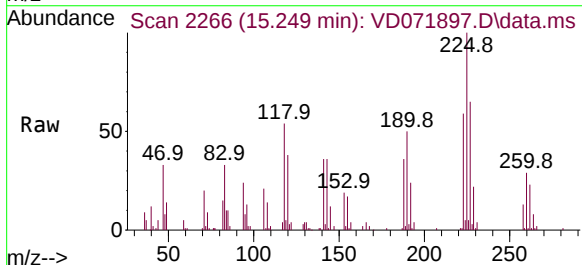
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01

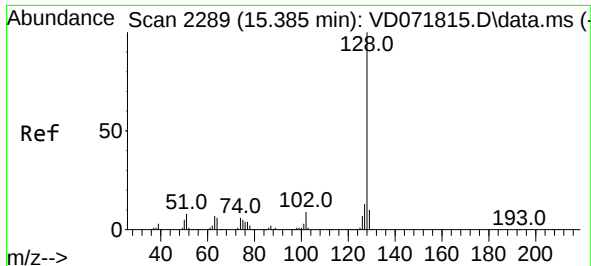
Tgt Ion:180 Resp: 95428
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.3 142.0
 145 30.9 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 19.894 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. -0.000 min
 Lab File: VD071897.D
 Acq: 04 Feb 2022 14:29

Tgt Ion:225 Resp: 56507
 Ion Ratio Lower Upper
 225 100
 223 60.0 31.1 93.2
 227 63.7 32.4 97.0

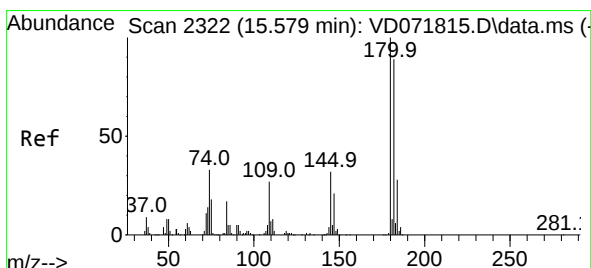
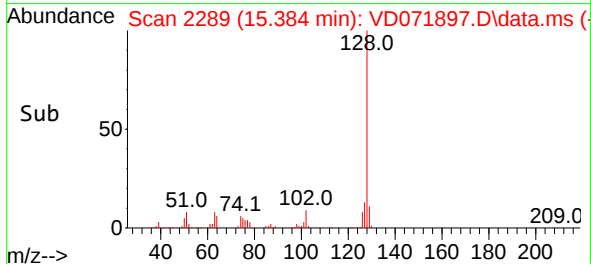
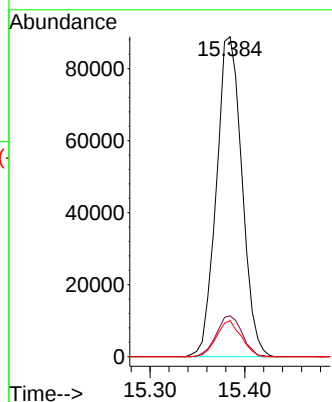
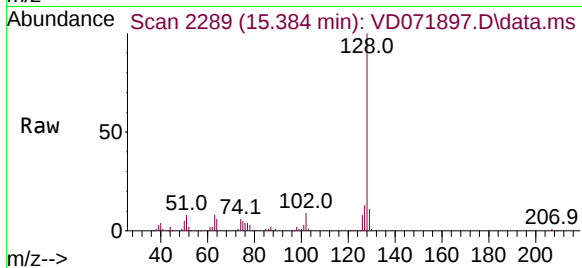




#95
Naphthalene
Concen: 17.080 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :
VD0204SBS01

Tgt Ion:	128	Resp:	166554
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 18.458 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071897.D
Acq: 04 Feb 2022 14:29

Tgt Ion:	180	Resp:	82414
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.9
145	33.3	17.1	51.3

