

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071496.D
 Acq On : 28 Dec 2021 12:01
 Operator : VA/SY
 Sample : VD1228SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

Quant Time: Dec 28 15:06:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	346553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	588495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	546452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	262388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	253107	54.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.980%	
35) Dibromofluoromethane	7.914	113	228854	57.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.720%	
50) Toluene-d8	10.338	98	836716	55.980	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.960%	
62) 4-Bromofluorobenzene	12.626	95	296460	55.817	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	70650	19.456	ug/l	98
3) Chloromethane	2.215	50	89914	19.337	ug/l	95
4) Vinyl Chloride	2.356	62	99035	17.773	ug/l	98
5) Bromomethane	2.762	94	74408	19.088	ug/l	98
6) Chloroethane	2.920	64	70589	19.089	ug/l	92
7) Trichlorofluoromethane	3.279	101	141924	20.806	ug/l	94
8) Diethyl Ether	3.714	74	42738	21.885	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	82210	20.715	ug/l	95
10) Methyl Iodide	4.309	142	77127	19.984	ug/l	96
11) Tert butyl alcohol	5.203	59	44178	100.395	ug/l #	71
12) 1,1-Dichloroethene	4.073	96	74989	20.770	ug/l	84
13) Acrolein	3.926	56	23580	106.057	ug/l	94
14) Allyl chloride	4.720	41	139362	20.407	ug/l #	79
15) Acrylonitrile	5.414	53	104087	108.230	ug/l	97
16) Acetone	4.156	43	112662	97.454	ug/l #	86
17) Carbon Disulfide	4.420	76	212015	18.022	ug/l	98
18) Methyl Acetate	4.714	43	77720	21.781	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	195438	20.969	ug/l	100
20) Methylene Chloride	4.961	84	109508	21.135	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	85226	20.380	ug/l	92
22) Diisopropyl ether	6.367	45	296797	21.349	ug/l	95
23) Vinyl Acetate	6.303	43	731777	102.107	ug/l	95
24) 1,1-Dichloroethane	6.261	63	170466	21.389	ug/l	98
25) 2-Butanone	7.208	43	138117	100.023	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	143238	21.873	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	99986	21.616	ug/l	94
28) Bromochloromethane	7.550	49	67550	20.683	ug/l	89
29) Tetrahydrofuran	7.561	42	85696	103.362	ug/l	93
30) Chloroform	7.708	83	174318	21.677	ug/l	99
31) Cyclohexane	7.985	56	151057	19.320	ug/l	90
32) 1,1,1-Trichloroethane	7.902	97	149775	21.000	ug/l #	92
36) 1,1-Dichloropropene	8.114	75	130613	20.670	ug/l	97
37) Ethyl Acetate	7.291	43	57834	19.825	ug/l	95
38) Carbon Tetrachloride	8.102	117	133299	21.382	ug/l	99
39) Methylcyclohexane	9.355	83	147947	20.001	ug/l	97
40) Benzene	8.349	78	356722	21.000	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	38018	21.941	ug/l #	79
42) 1,2-Dichloroethane	8.420	62	116886	21.102	ug/l	95
43) Isopropyl Acetate	8.449	43	118371	20.447	ug/l #	90
44) Trichloroethene	9.114	130	92398	20.873	ug/l	99
45) 1,2-Dichloropropane	9.385	63	93784	21.276	ug/l	95
46) Dibromomethane	9.467	93	51343	21.083	ug/l	92
47) Bromodichloromethane	9.661	83	134126	21.693	ug/l	99
48) Methyl methacrylate	9.449	41	58112	20.285	ug/l #	84
49) 1,4-Dioxane	9.455	88	11432	415.423	ug/l #	95
51) 4-Methyl-2-Pentanone	10.226	43	307890	101.087	ug/l	90
52) Toluene	10.396	92	228513	21.177	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	125785	21.787	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	145661	21.833	ug/l #	78
55) 1,1,2-Trichloroethane	10.796	97	67591	21.867	ug/l	96
56) Ethyl methacrylate	10.655	69	86573	21.283	ug/l #	76
57) 1,3-Dichloropropane	10.943	76	123100	21.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	199194	102.231	ug/l	98
59) 2-Hexanone	10.979	43	216835	100.716	ug/l	89
60) Dibromochloromethane	11.132	129	86158	22.173	ug/l	96
61) 1,2-Dibromoethane	11.238	107	64198	20.969	ug/l	95
64) Tetrachloroethene	10.867	164	80838	21.288	ug/l	89
65) Chlorobenzene	11.661	112	237243	21.165	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	87734	21.425	ug/l	97
67) Ethyl Benzene	11.738	91	439057	21.047	ug/l	100
68) m/p-Xylenes	11.849	106	339584	42.848	ug/l	96
69) o-Xylene	12.173	106	156892	21.657	ug/l	98
70) Styrene	12.190	104	265165	21.070	ug/l	95
71) Bromoform	12.355	173	47462	21.419	ug/l #	98
73) Isopropylbenzene	12.473	105	426648	21.091	ug/l	98
74) N-amyl acetate	12.279	43	109496	20.175	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	77044	21.066	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	57453m	18.428	ug/l	
77) Bromobenzene	12.755	156	93856	20.851	ug/l	95
78) n-propylbenzene	12.814	91	533590	21.044	ug/l	99
79) 2-Chlorotoluene	12.896	91	295307	20.840	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	353571	21.190	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	22617	20.498	ug/l #	78
82) 4-Chlorotoluene	12.996	91	313454	21.325	ug/l	100
83) tert-Butylbenzene	13.214	119	311892	21.875	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	353043	21.379	ug/l	98
85) sec-Butylbenzene	13.390	105	462705	21.287	ug/l	100
86) p-Isopropyltoluene	13.508	119	380153	21.078	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	188890	20.836	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	188204	21.173	ug/l	98
89) n-Butylbenzene	13.832	91	370457	20.928	ug/l	98
90) Hexachloroethane	14.096	117	70067	20.508	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	162537	21.126	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12100	19.078	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	101165	21.577	ug/l	97
94) Hexachlorobutadiene	15.249	225	53736	21.395	ug/l	99
95) Naphthalene	15.384	128	181476	20.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	84563	20.853	ug/l	96

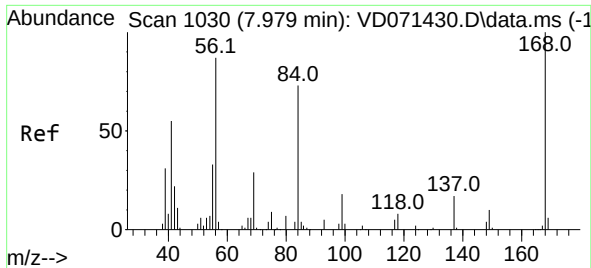
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Response via : Initial Calibration

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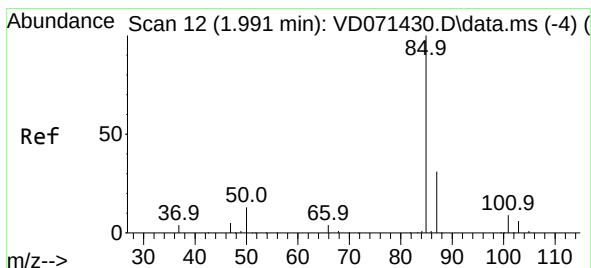
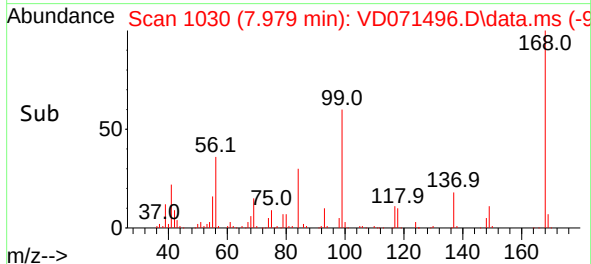
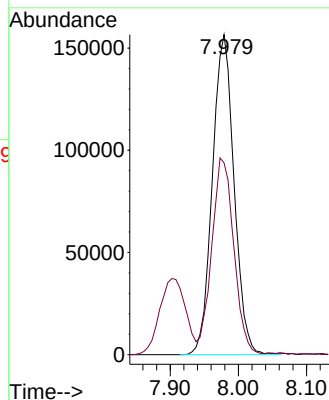
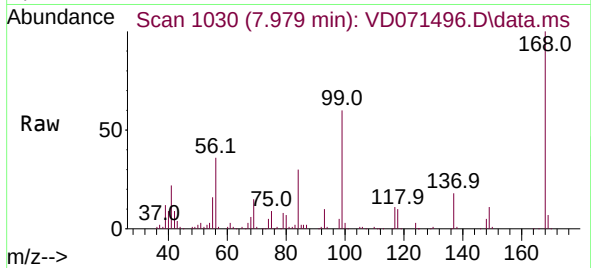
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

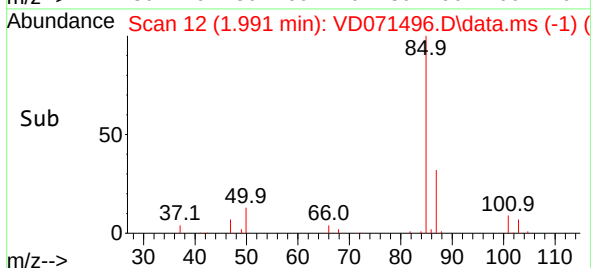
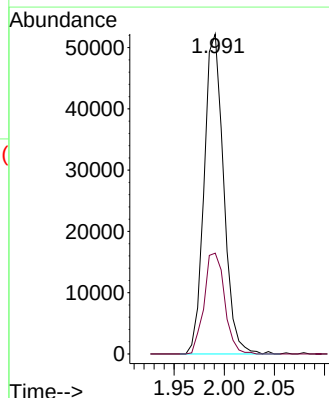
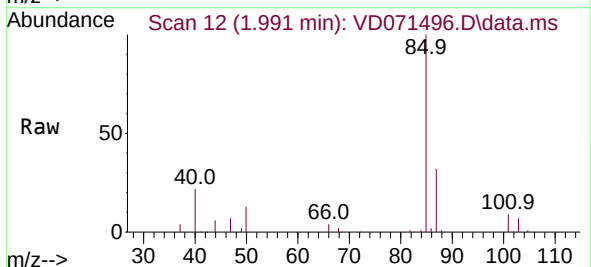
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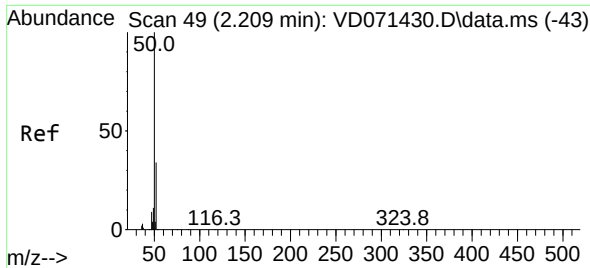
Tgt Ion:168 Resp: 346553
Ion Ratio Lower Upper
168 100
99 59.3 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 19.456 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 85 Resp: 70650
Ion Ratio Lower Upper
85 100
87 31.5 15.2 45.6

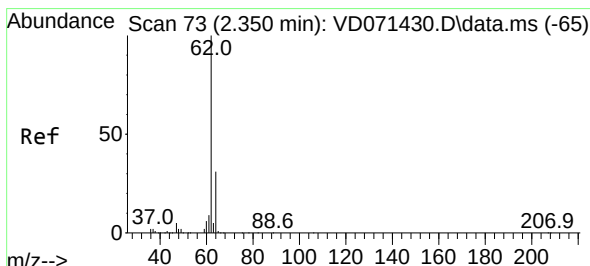
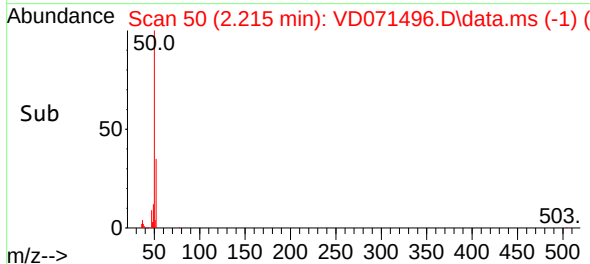
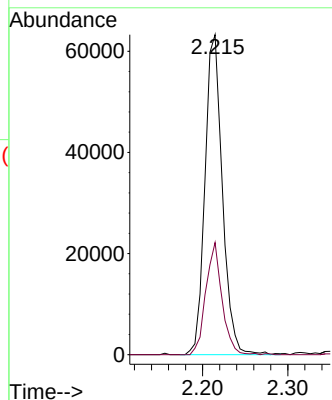
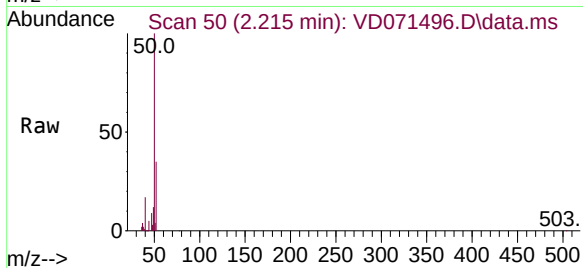




#3
Chloromethane
Concen: 19.337 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

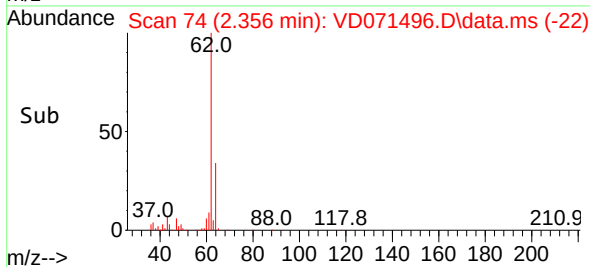
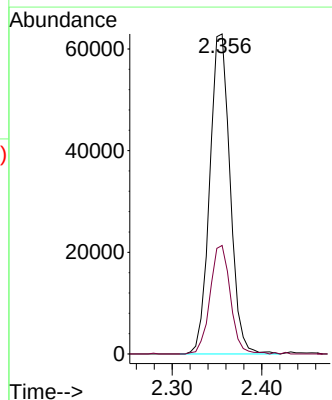
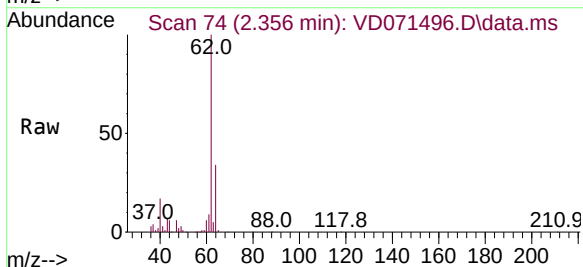
Instrument :
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ClientSampleId :
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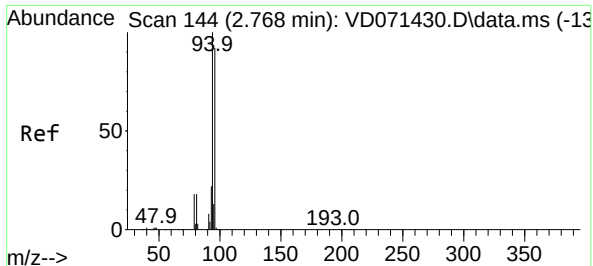
Tgt Ion: 50 Resp: 89914
Ion Ratio Lower Upper
50 100
52 35.1 25.8 38.8



#4
Vinyl Chloride
Concen: 17.773 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 62 Resp: 99035
Ion Ratio Lower Upper
62 100
64 33.9 26.0 39.0

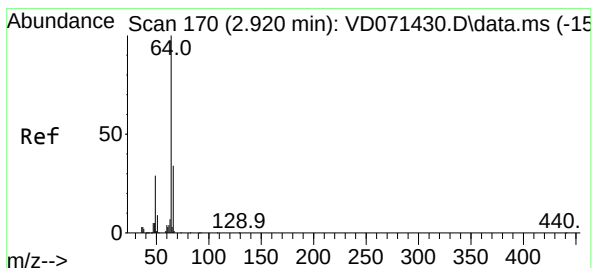
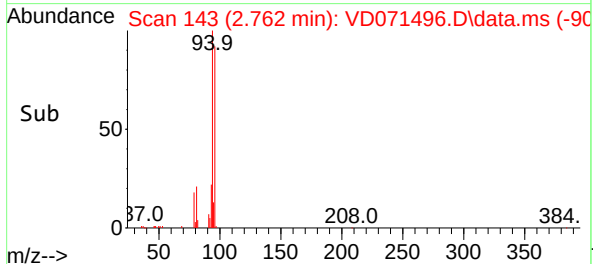
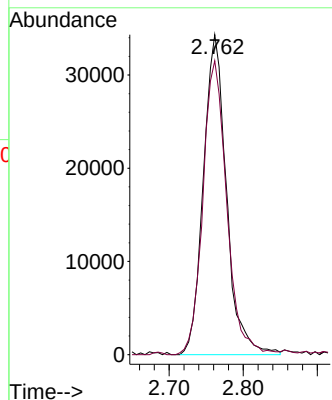
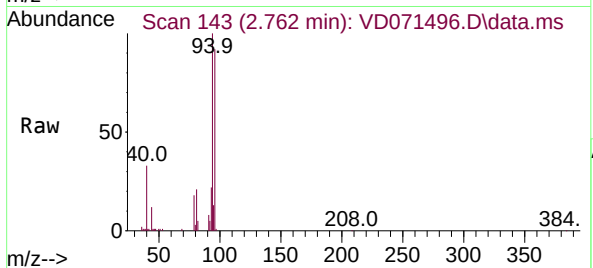




#5
Bromomethane
Concen: 19.088 ug/l
RT: 2.762 min Scan# 144
Delta R.T. 0.012 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

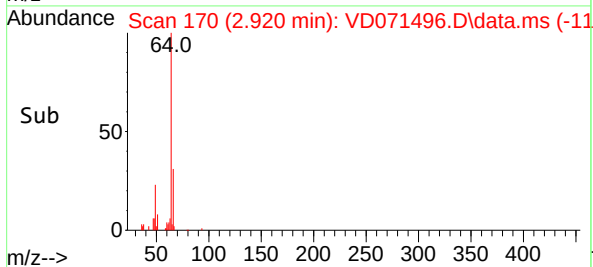
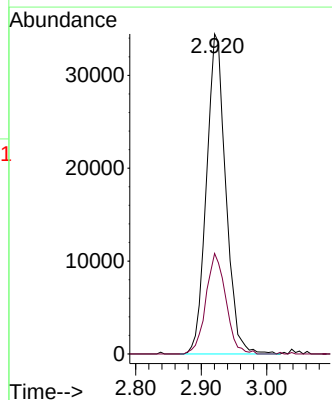
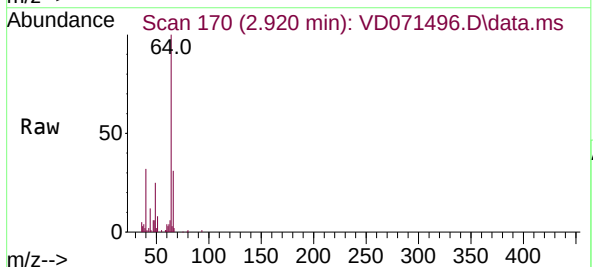
Instrument :
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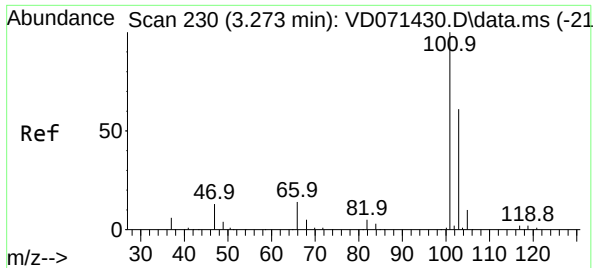
Tgt Ion: 94 Resp: 74408
Ion Ratio Lower Upper
94 100
96 91.2 74.8 112.2



#6
Chloroethane
Concen: 19.089 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.005 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 64 Resp: 70589
Ion Ratio Lower Upper
64 100
66 31.4 29.0 43.4

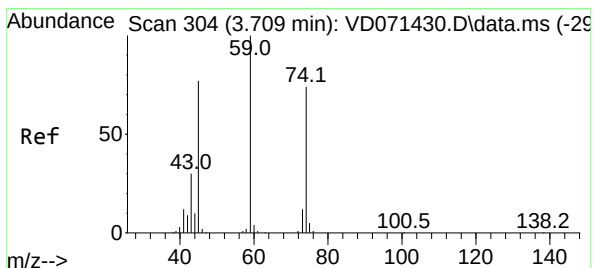
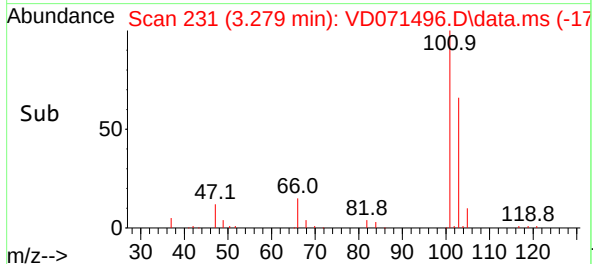
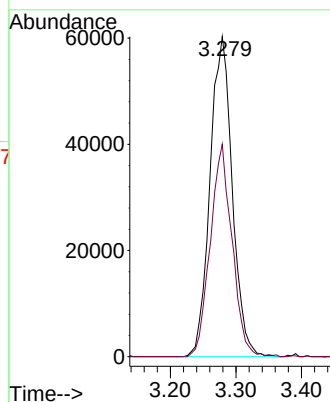
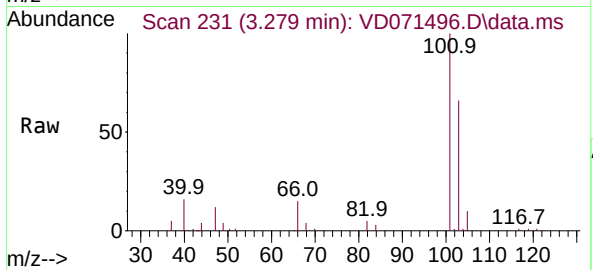




#7
 Trichlorofluoromethane
 Concen: 20.806 ug/l
 RT: 3.279 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VD071496.D
 Acq: 28 Dec 2021 12:01

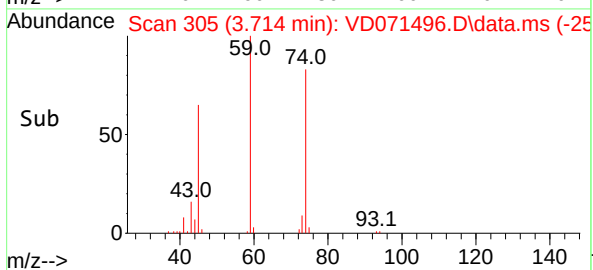
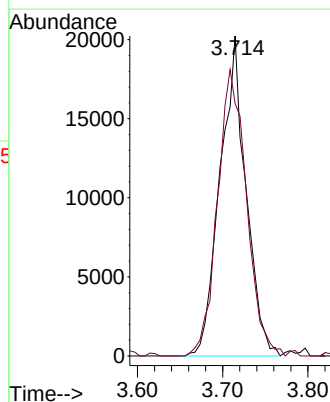
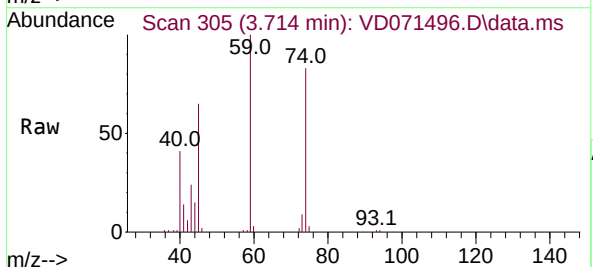
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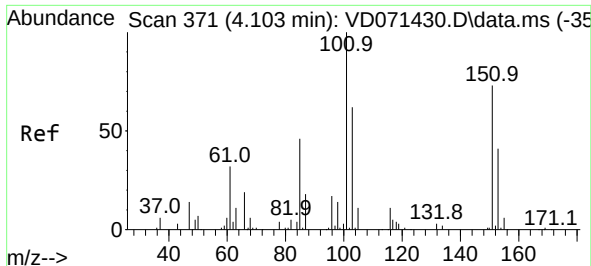
Tgt Ion:101 Resp: 141924
 Ion Ratio Lower Upper
 101 100
 103 66.4 49.7 74.5



#8
 Diethyl Ether
 Concen: 21.885 ug/l
 RT: 3.714 min Scan# 305
 Delta R.T. 0.005 min
 Lab File: VD071496.D
 Acq: 28 Dec 2021 12:01

Tgt Ion: 74 Resp: 42738
 Ion Ratio Lower Upper
 74 100
 45 100.0 49.6 149.0

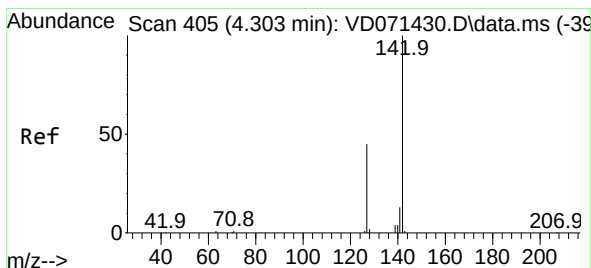
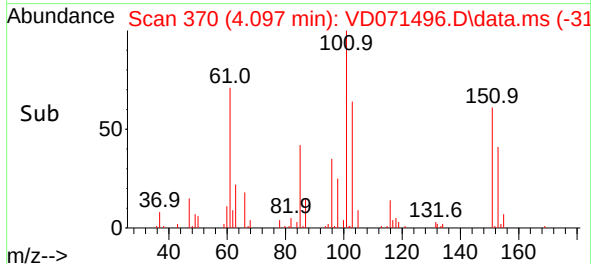
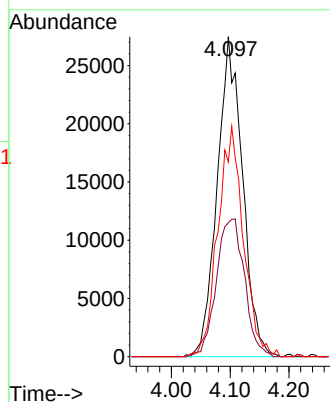
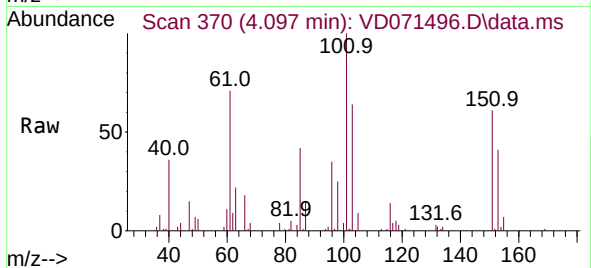




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.715 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071496.D
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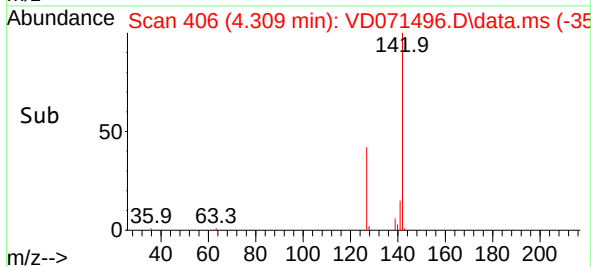
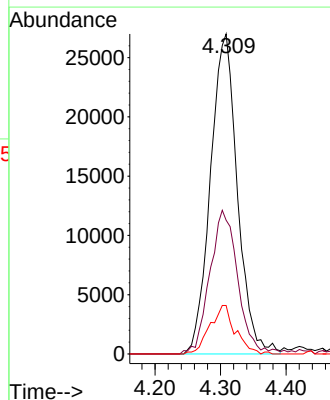
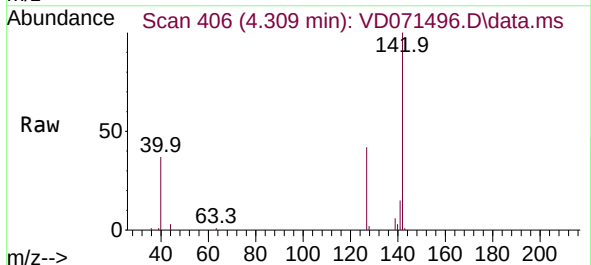
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ClientSampleId :
VD1228SBSD01

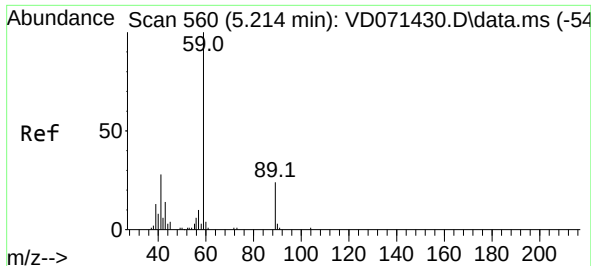
Tgt Ion:101 Resp: 82210
Ion Ratio Lower Upper
101 100
85 47.8 34.8 52.2
151 72.4 60.4 90.6



#10
Methyl Iodide
Concen: 19.984 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion:142 Resp: 77127
Ion Ratio Lower Upper
142 100
127 46.7 35.0 52.4
141 14.2 12.0 18.0

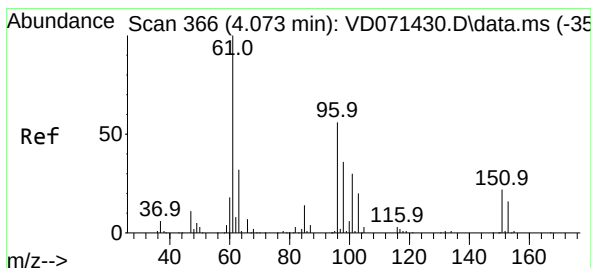
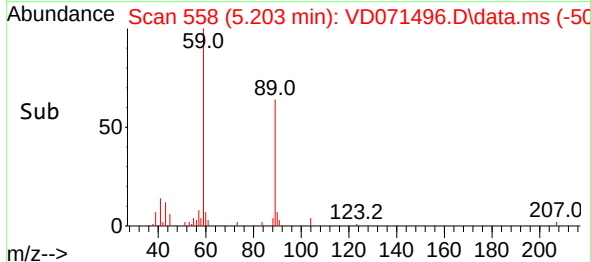
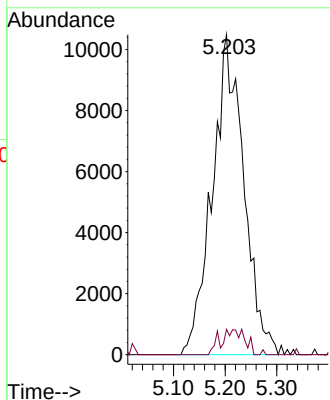
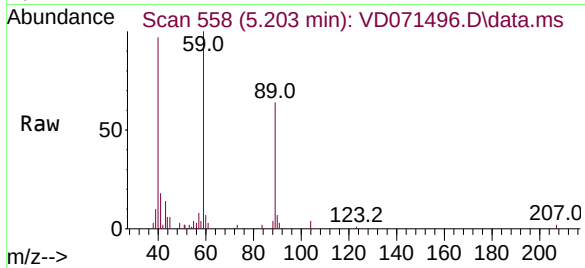




#11
Tert butyl alcohol
Concen: 100.395 ug/l
RT: 5.203 min Scan# 511
Delta R.T. -0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

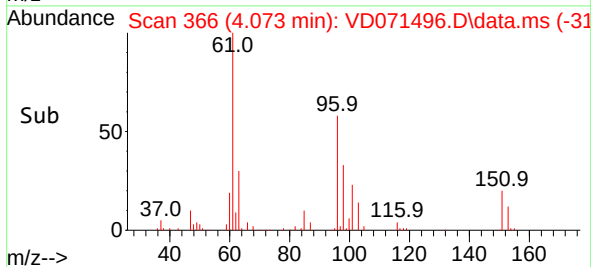
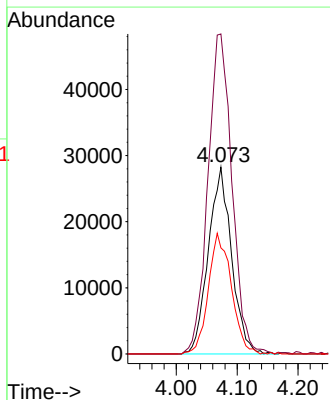
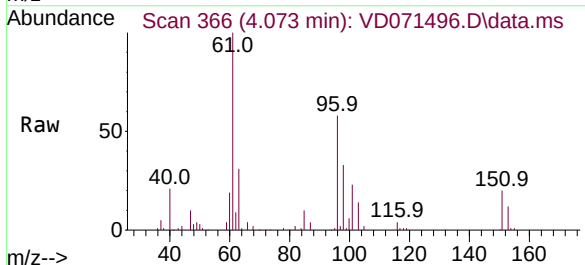
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

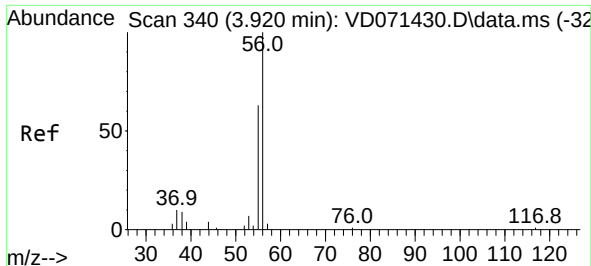
Tgt Ion: 59 Resp: 44178
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 20.770 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.011 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 96 Resp: 74989
Ion Ratio Lower Upper
96 100
61 171.4 120.3 180.5
98 56.9 54.4 81.6





#13

Acrolein

Concen: 106.057 ug/l

RT: 3.926 min Scan# 341

Delta R.T. 0.012 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

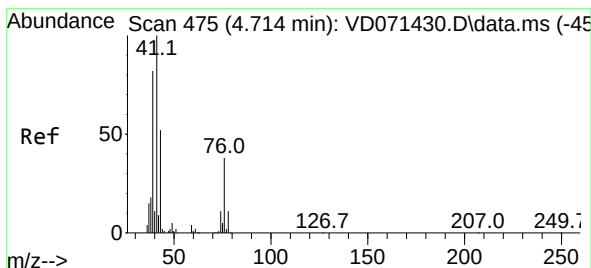
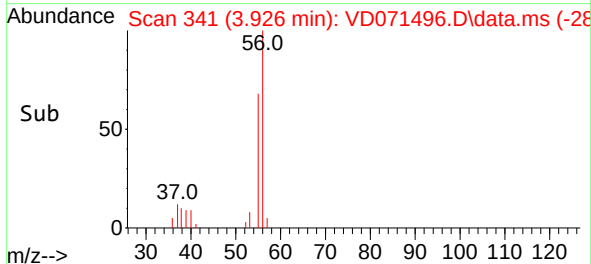
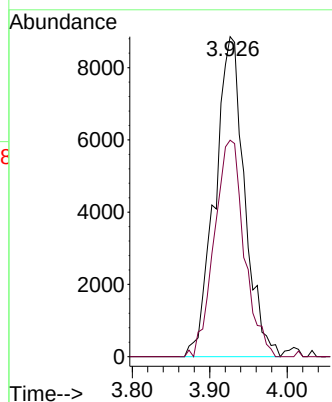
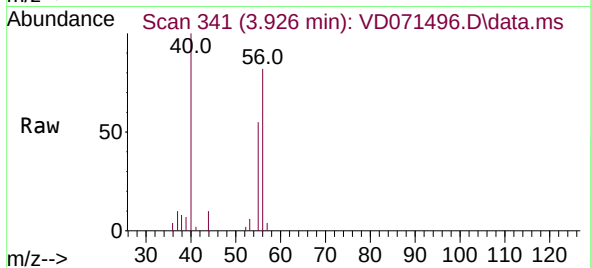
VD1228SBS01

Tgt Ion: 56 Resp: 23580

Ion Ratio Lower Upper

56 100

55 68.1 58.6 87.8



#14

Allyl chloride

Concen: 20.407 ug/l

RT: 4.720 min Scan# 476

Delta R.T. 0.017 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

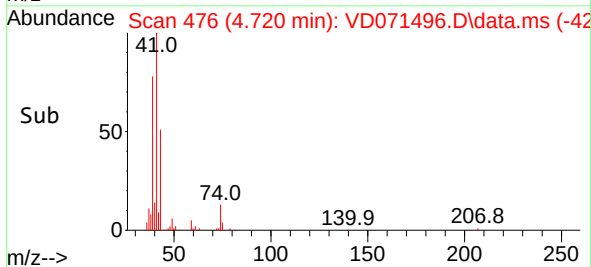
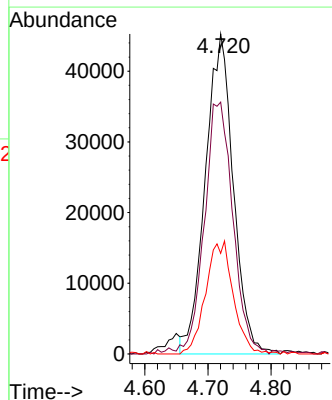
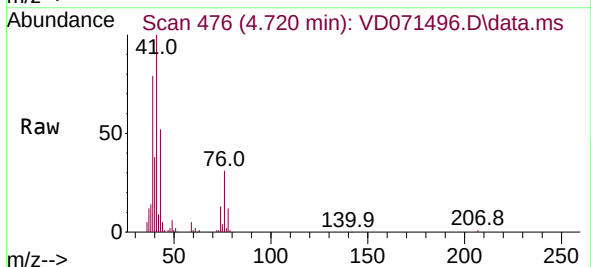
Tgt Ion: 41 Resp: 139362

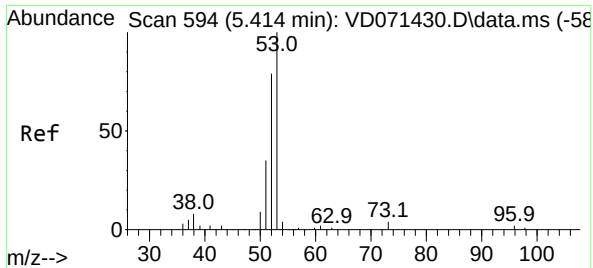
Ion Ratio Lower Upper

41 100

39 80.0 45.6 68.4#

76 34.9 30.2 45.4

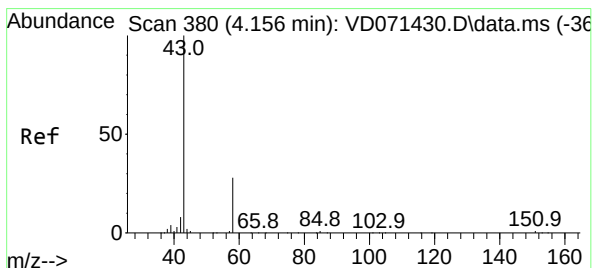
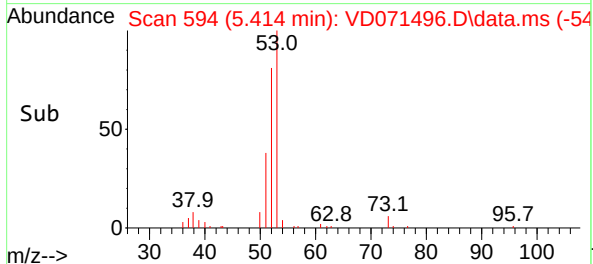
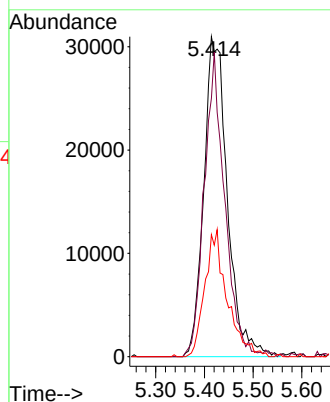
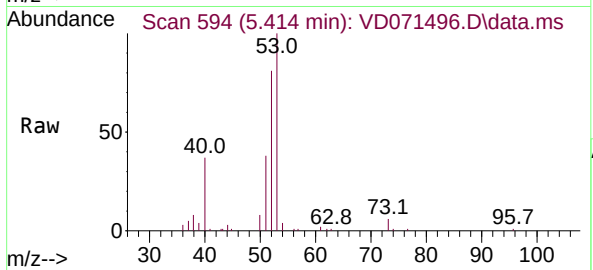




#15
Acrylonitrile
Concen: 108.230 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

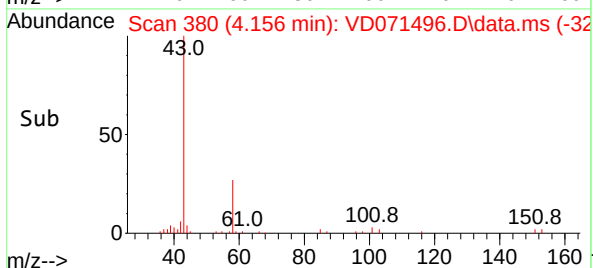
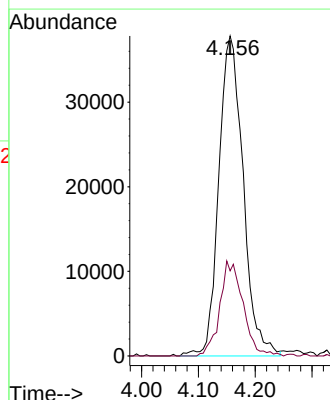
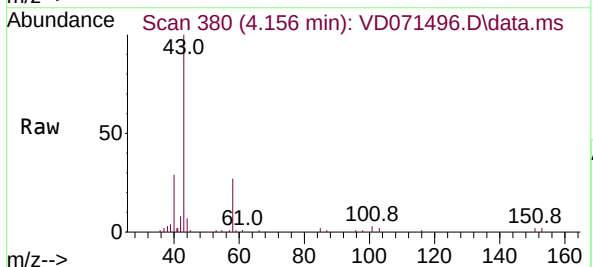
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

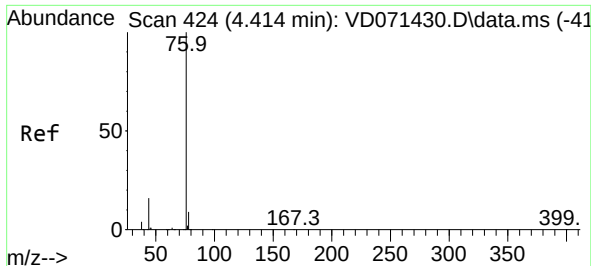
Tgt Ion: 53 Resp: 104087
Ion Ratio Lower Upper
53 100
52 82.5 63.8 95.8
51 37.5 28.5 42.7



#16
Acetone
Concen: 97.454 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 43 Resp: 112662
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#

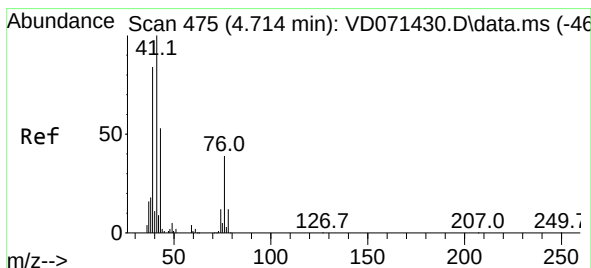
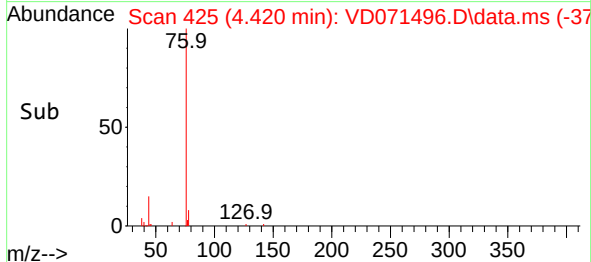
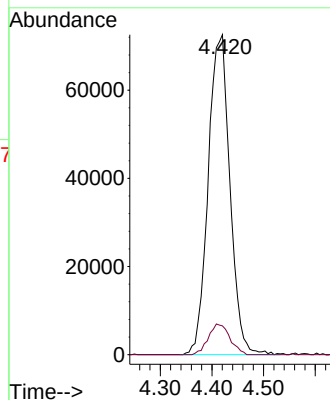
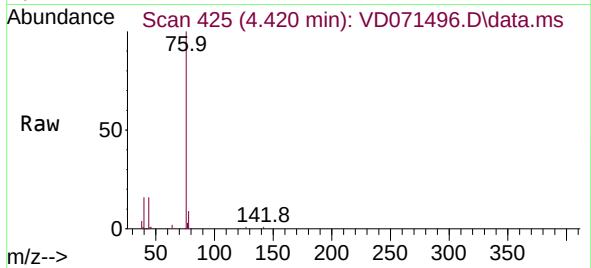




#17
Carbon Disulfide
Concen: 18.022 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

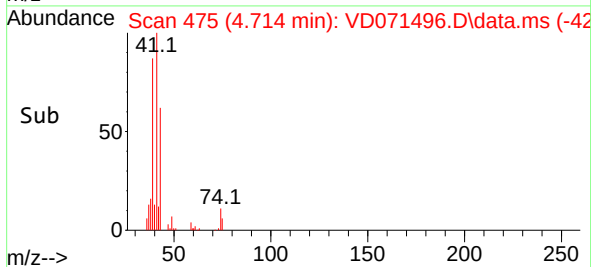
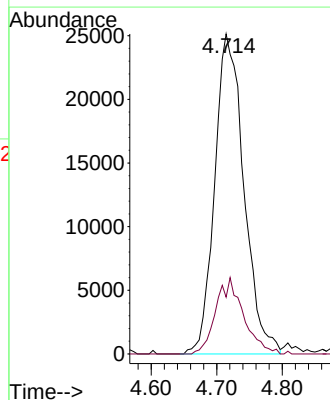
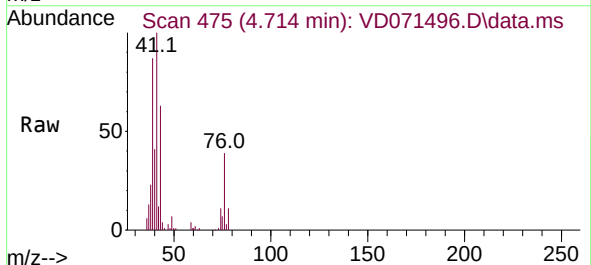
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

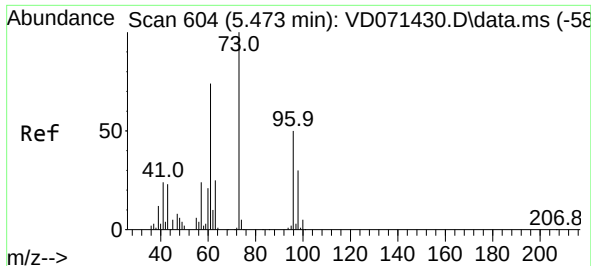
Tgt Ion: 76 Resp: 212015
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8



#18
Methyl Acetate
Concen: 21.781 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 43 Resp: 77720
Ion Ratio Lower Upper
43 100
74 22.6 19.3 28.9

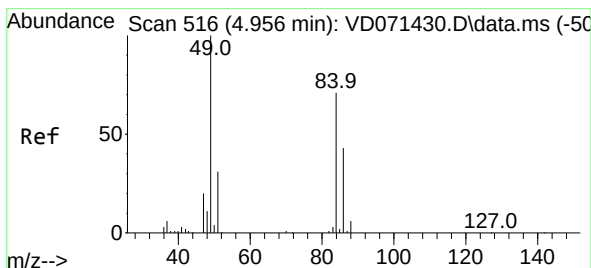
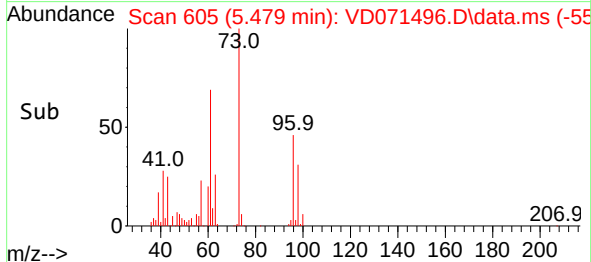
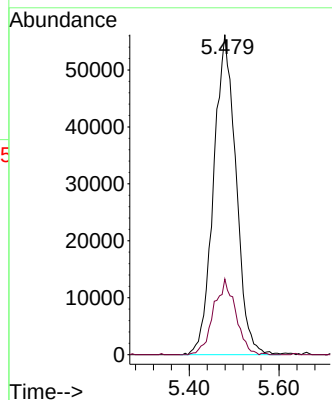
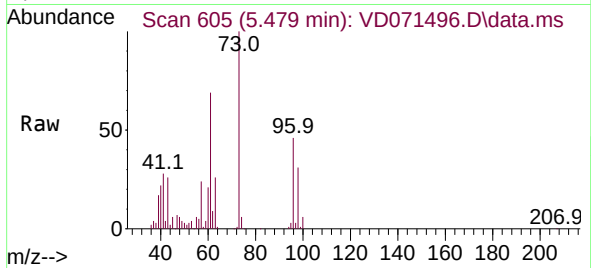




#19
Methyl tert-butyl Ether
Concen: 20.969 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

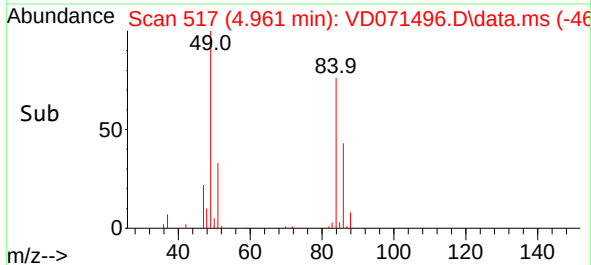
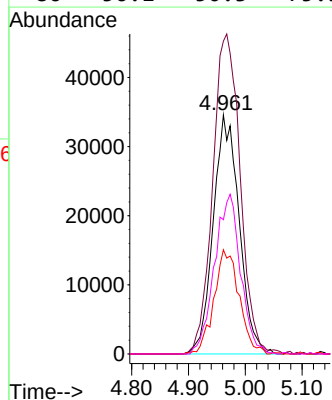
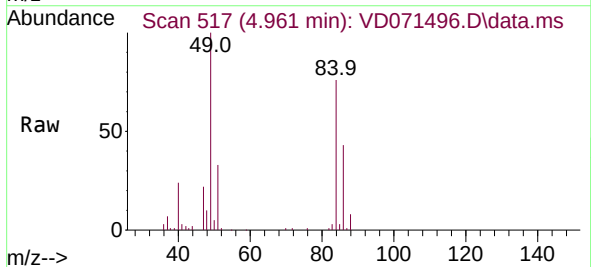
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

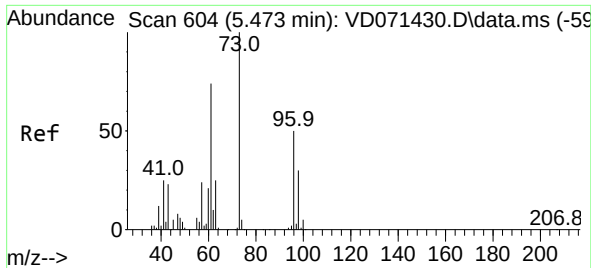
Tgt Ion: 73 Resp: 195438
Ion Ratio Lower Upper
73 100
57 23.7 18.9 28.3



#20
Methylene Chloride
Concen: 21.135 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 84 Resp: 109508
Ion Ratio Lower Upper
84 100
49 130.8 95.8 143.6
51 43.6 30.9 46.3
86 56.1 50.3 75.5

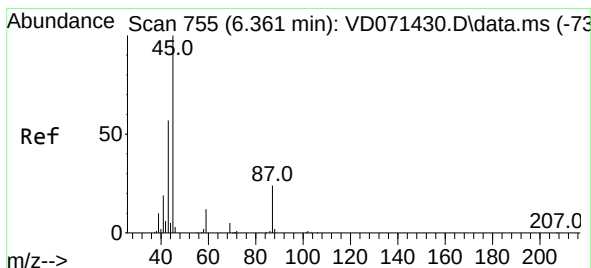
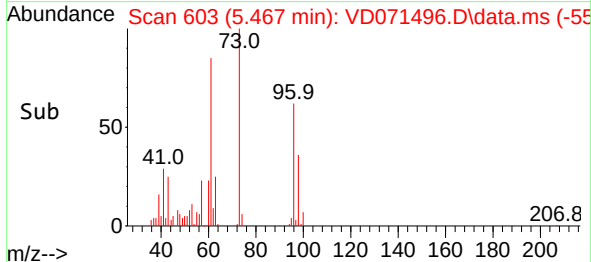
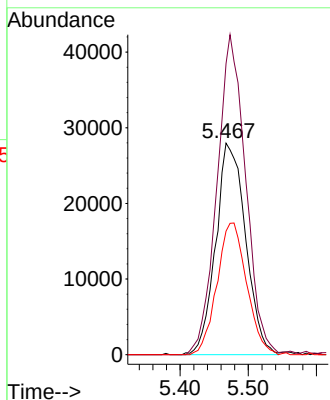
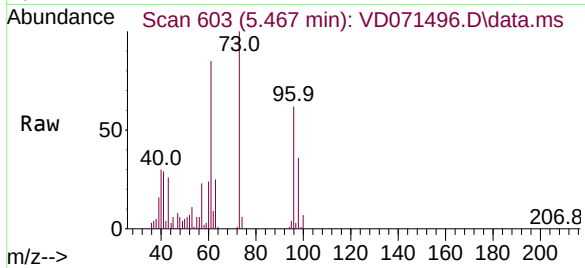




#21
trans-1,2-Dichloroethene
Concen: 20.380 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

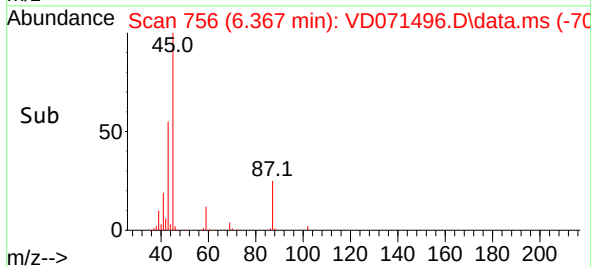
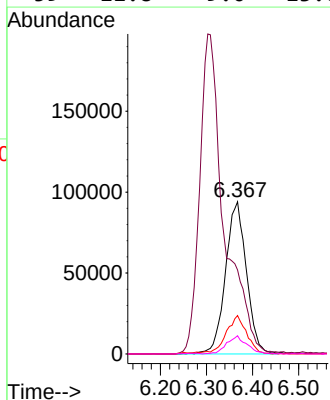
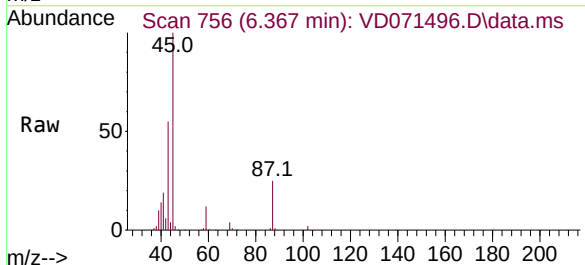
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

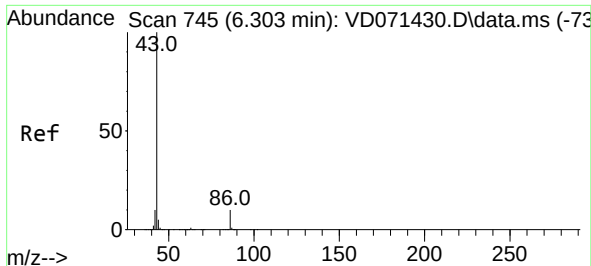
Tgt Ion: 96 Resp: 85226
Ion Ratio Lower Upper
96 100
61 137.6 102.1 153.1
98 58.4 50.1 75.1



#22
Diisopropyl ether
Concen: 21.349 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 45 Resp: 296797
Ion Ratio Lower Upper
45 100
43 54.9 39.6 59.4
87 25.3 21.2 31.8
59 11.8 9.0 13.6

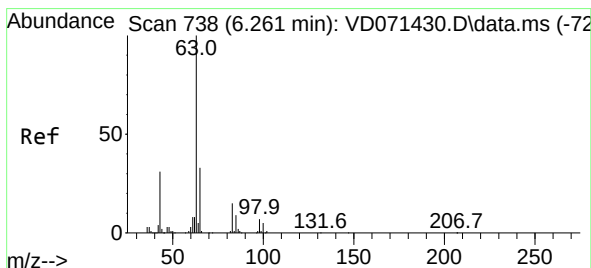
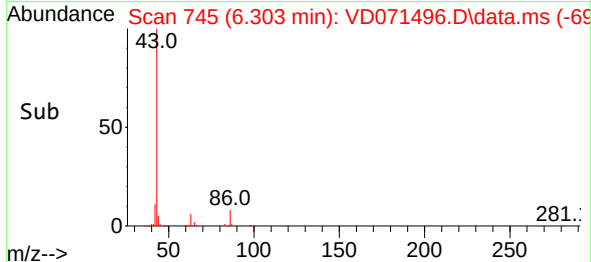
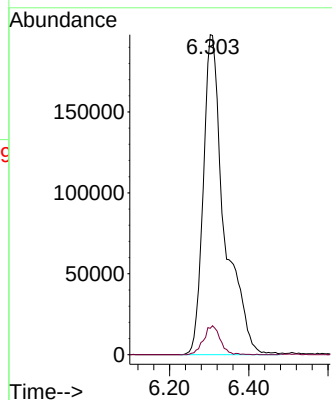
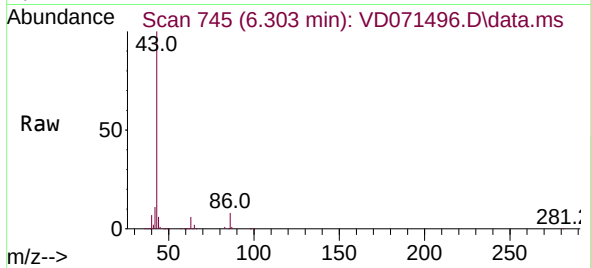




#23
 Vinyl Acetate
 Concen: 102.107 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071496.D
 Acq: 28 Dec 2021 12:01

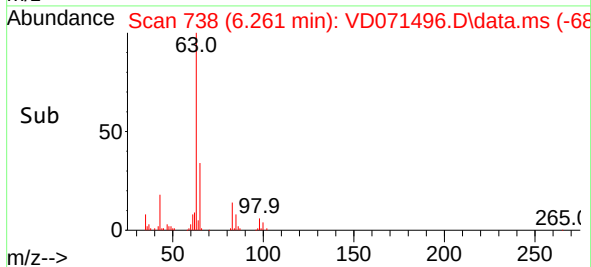
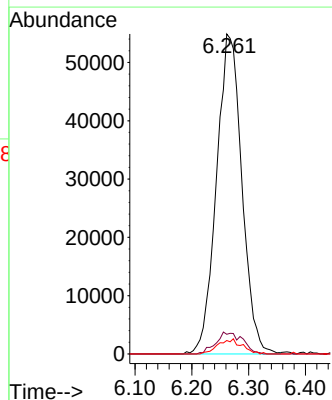
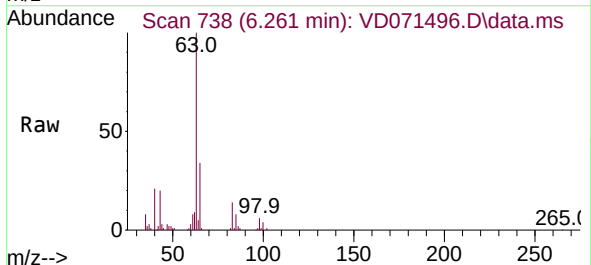
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

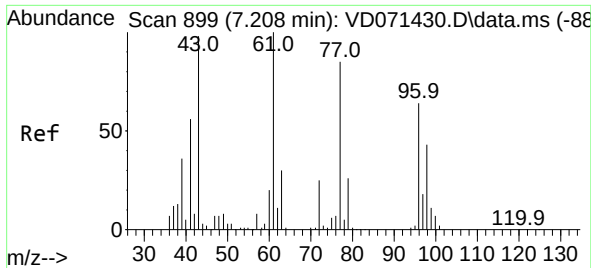
Tgt Ion: 43 Resp: 731777
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 21.389 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD071496.D
 Acq: 28 Dec 2021 12:01

Tgt Ion: 63 Resp: 170466
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 4.2 2.1 6.3

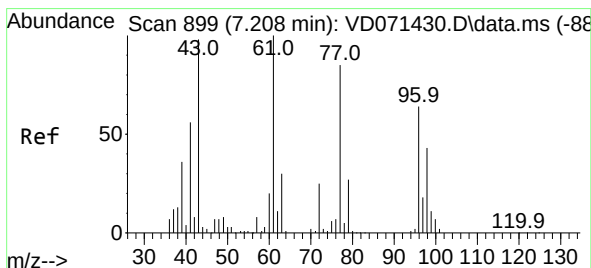
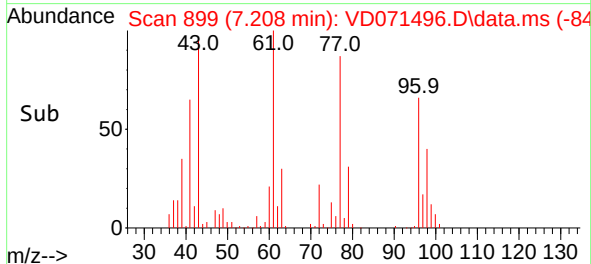
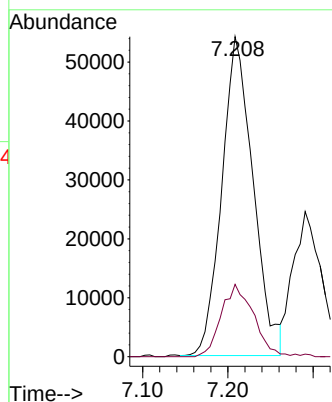
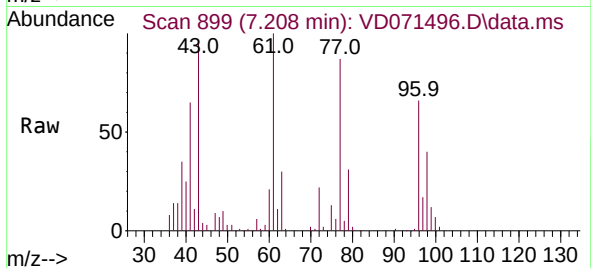




#25
2-Butanone
Concen: 100.023 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

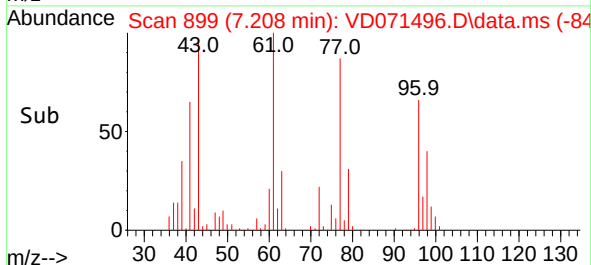
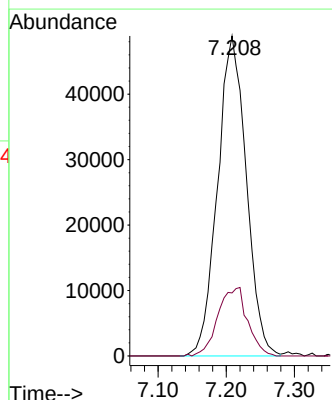
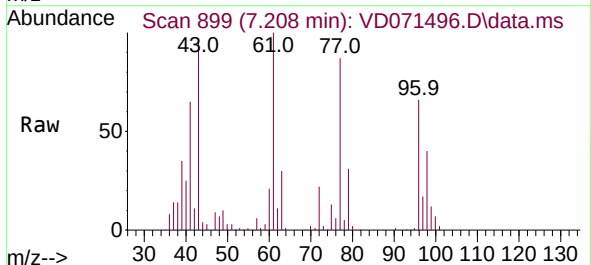
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

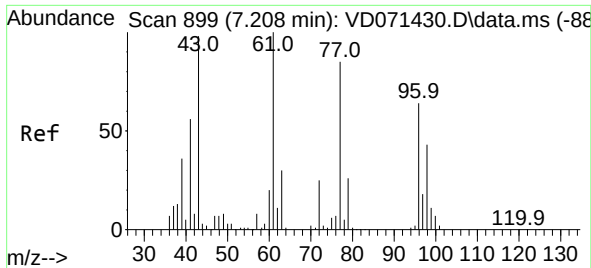
Tgt Ion: 43 Resp: 138117
Ion Ratio Lower Upper
43 100
72 22.7 23.8 35.6#



#26
2,2-Dichloropropane
Concen: 21.873 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 77 Resp: 143238
Ion Ratio Lower Upper
77 100
97 22.0 11.9 35.5

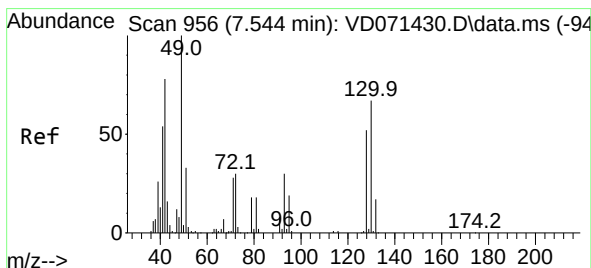
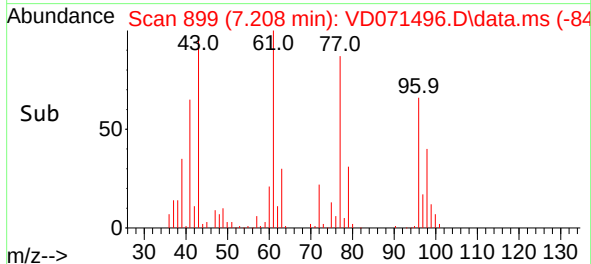
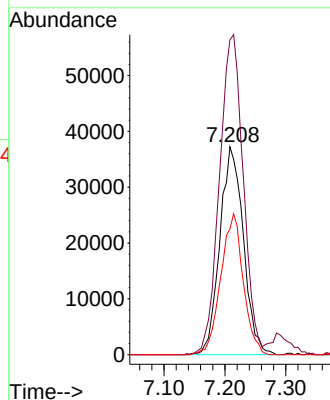
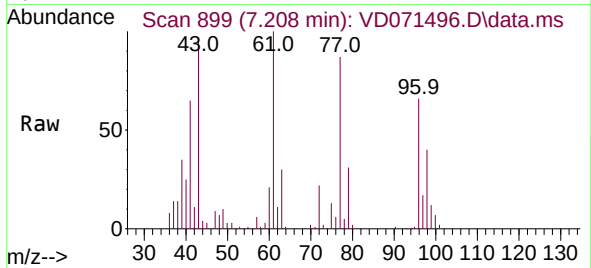




#27
 cis-1,2-Dichloroethene
 Concen: 21.616 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD071496.D
 Acq: 28 Dec 2021 12:01

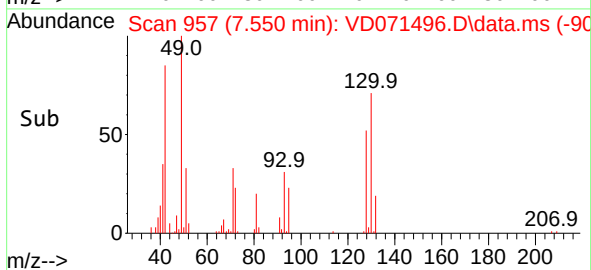
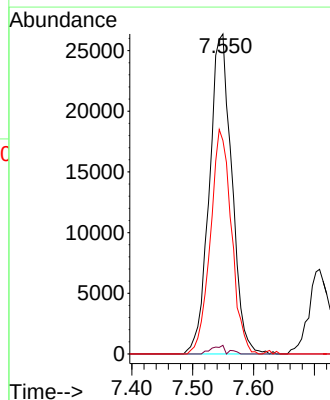
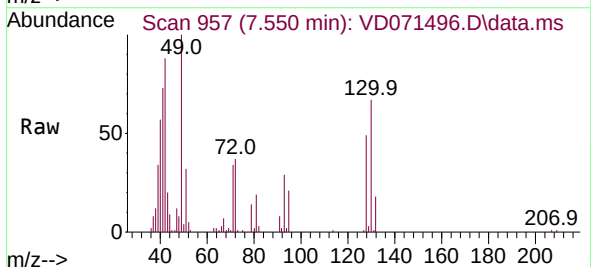
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

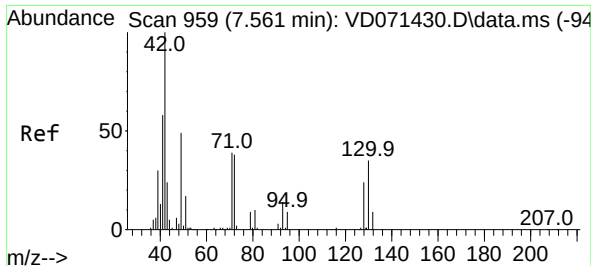
Tgt Ion:	96	Resp:	99986
Ion	Ratio	Lower	Upper
96	100		
61	155.4	0.0	288.6
98	64.7	0.0	129.2



#28
 Bromochloromethane
 Concen: 20.683 ug/l
 RT: 7.550 min Scan# 957
 Delta R.T. 0.012 min
 Lab File: VD071496.D
 Acq: 28 Dec 2021 12:01

Tgt Ion:	49	Resp:	67550
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	65.8	60.2	90.2





#29

Tetrahydrofuran

Concen: 103.362 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBSD01

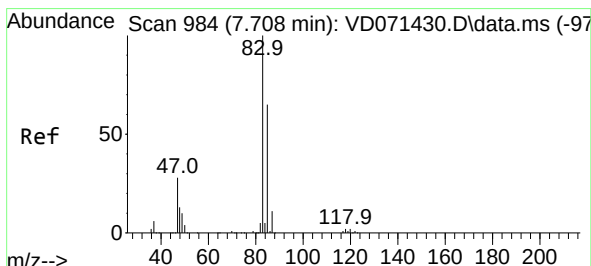
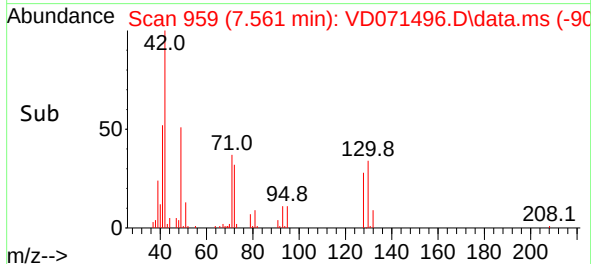
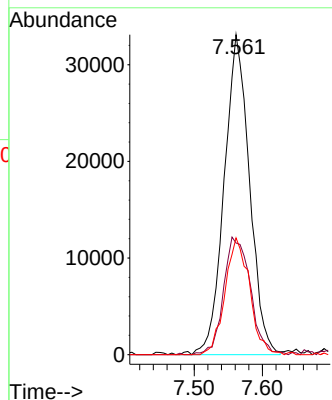
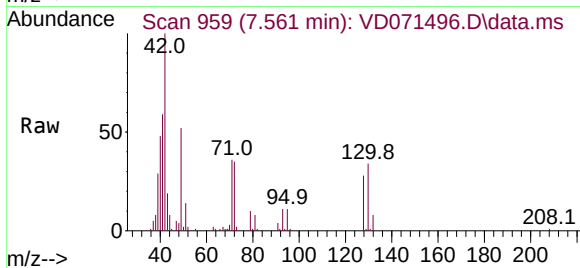
Tgt Ion: 42 Resp: 85696

Ion Ratio Lower Upper

42 100

72 38.9 33.7 50.5

71 35.4 32.7 49.1



#30

Chloroform

Concen: 21.677 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.006 min

Lab File: VD071496.D

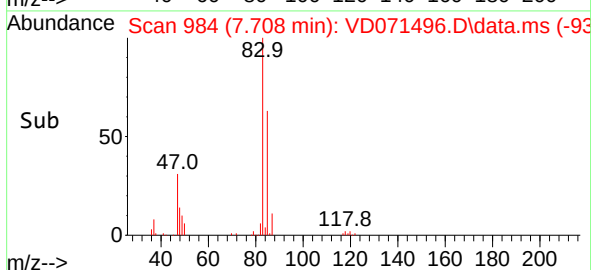
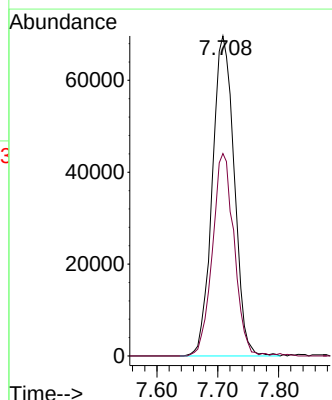
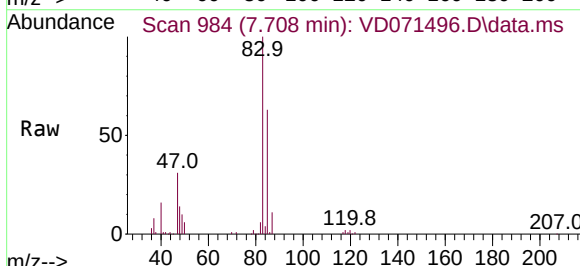
Acq: 28 Dec 2021 12:01

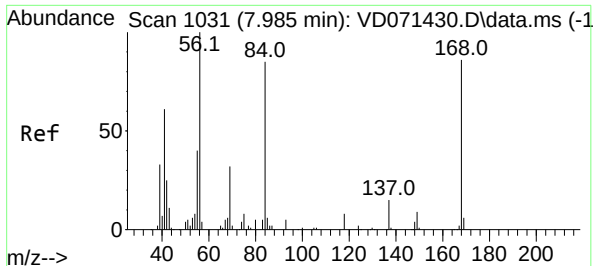
Tgt Ion: 83 Resp: 174318

Ion Ratio Lower Upper

83 100

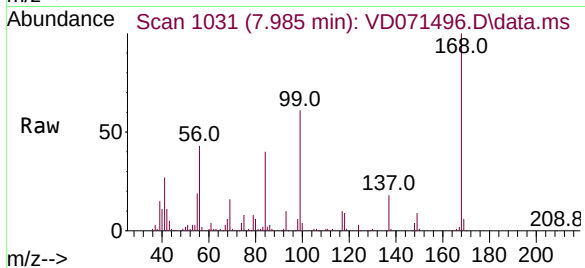
85 63.3 51.0 76.6



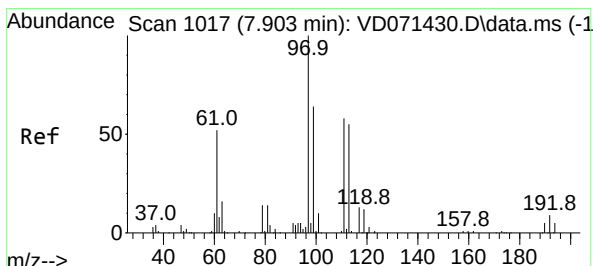
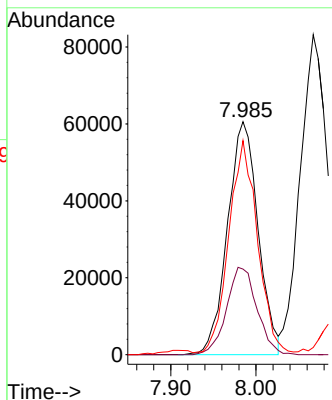
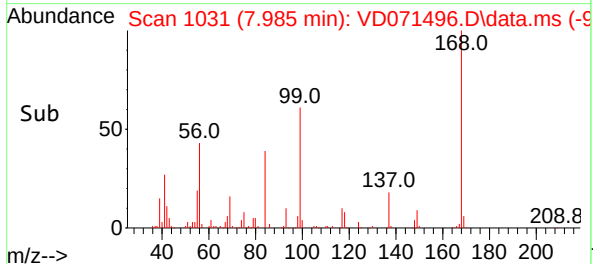


#31
Cyclohexane
Concen: 19.320 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

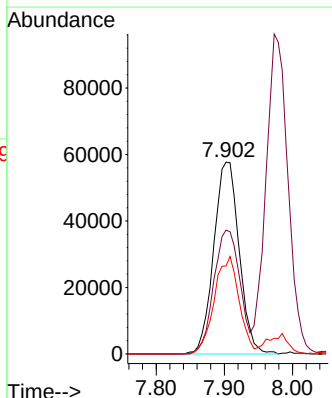
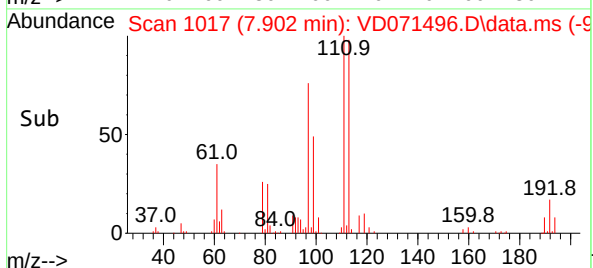
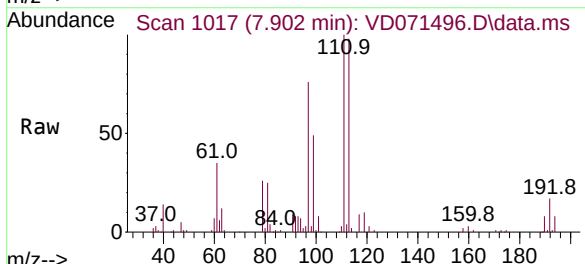


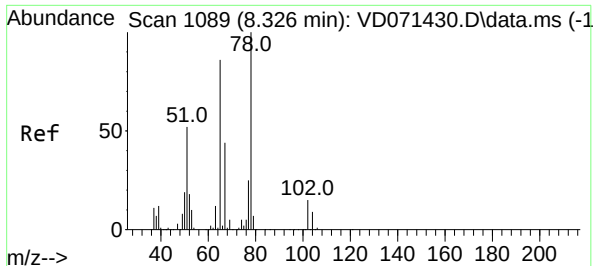
Tgt Ion: 56 Resp: 151057
Ion Ratio Lower Upper
56 100
69 36.8 25.9 38.9
84 90.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 21.000 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 97 Resp: 149775
Ion Ratio Lower Upper
97 100
99 66.2 50.3 75.5
61 49.5 33.0 49.4#





#33

1,2-Dichloroethane-d4

Concen: 54.993 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

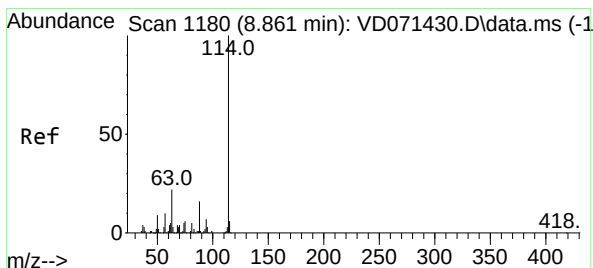
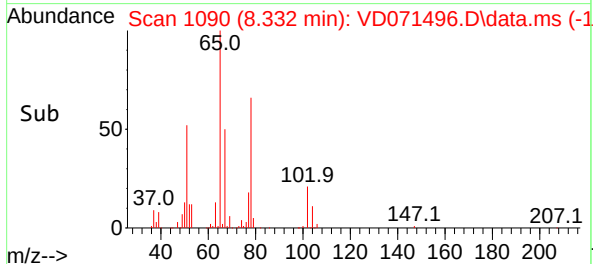
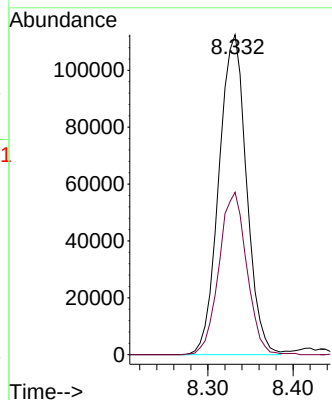
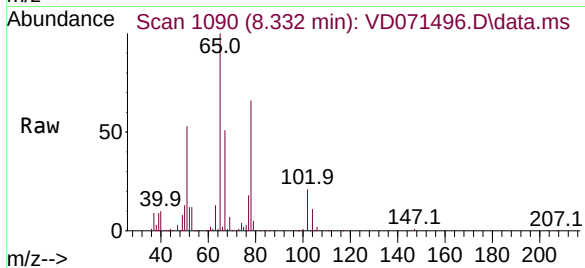
VD1228SBSD01

Tgt Ion: 65 Resp: 253107

Ion Ratio Lower Upper

65 100

67 51.1 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

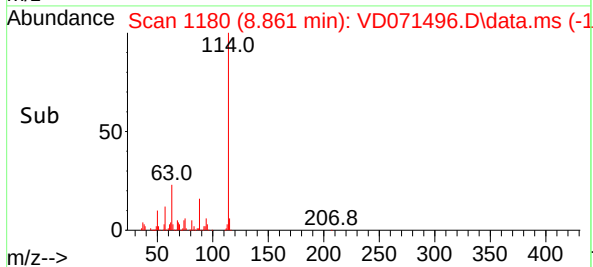
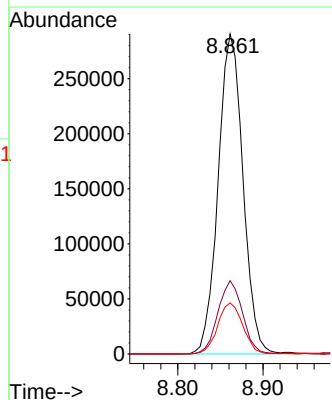
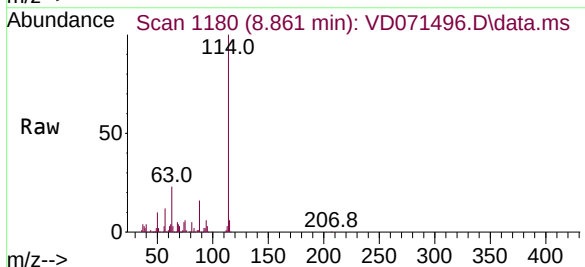
Tgt Ion: 114 Resp: 588495

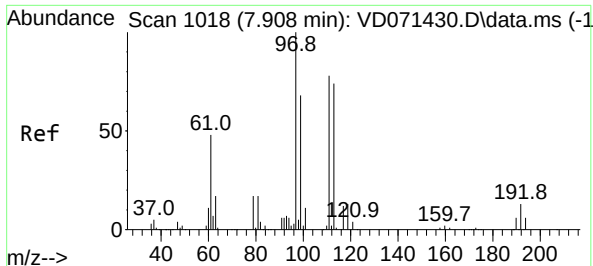
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 57.862 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBSD01

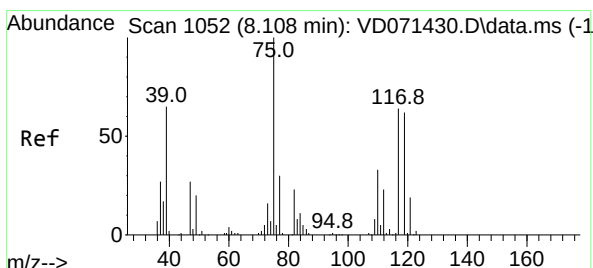
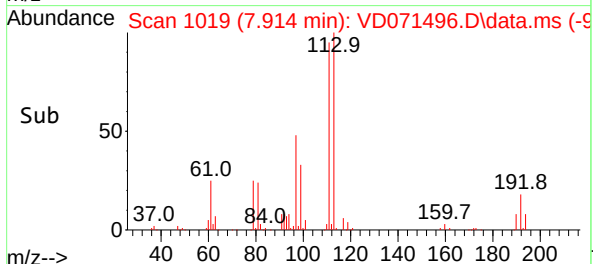
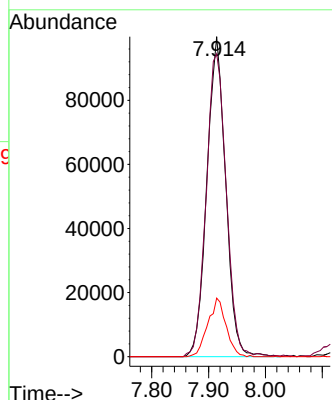
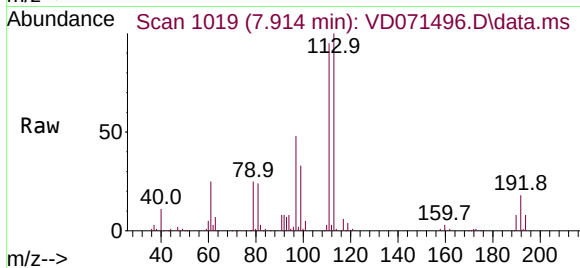
Tgt Ion:113 Resp: 228854

Ion Ratio Lower Upper

113 100

111 100.8 82.0 123.0

192 17.8 15.2 22.8



#36

1,1-Dichloropropene

Concen: 20.670 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

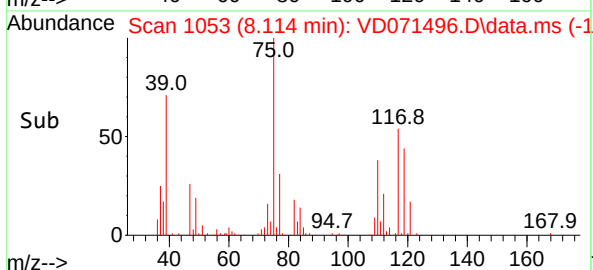
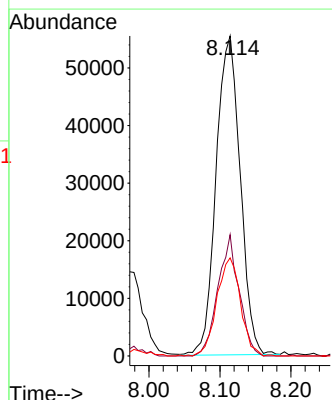
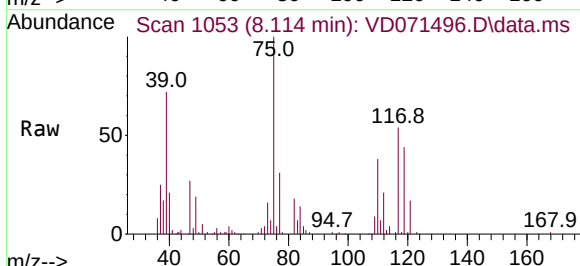
Tgt Ion: 75 Resp: 130613

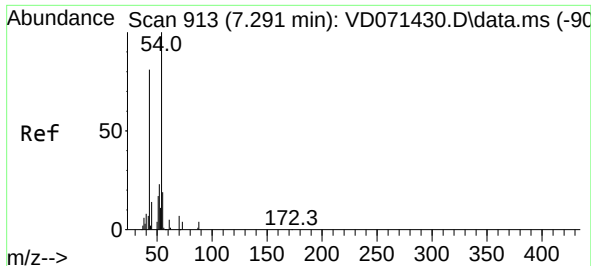
Ion Ratio Lower Upper

75 100

110 33.2 17.8 53.4

77 30.3 24.8 37.2





#37

Ethyl Acetate

Concen: 19.825 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

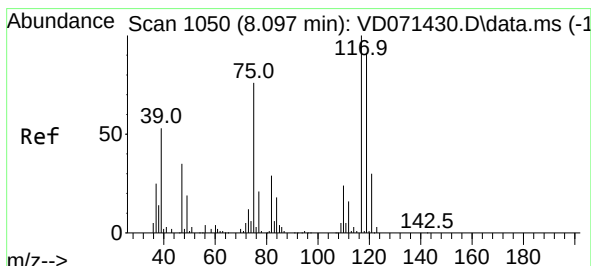
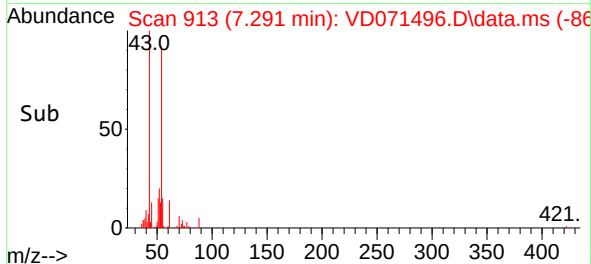
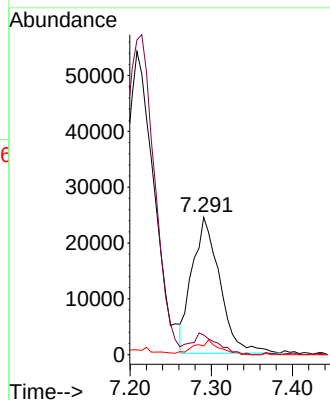
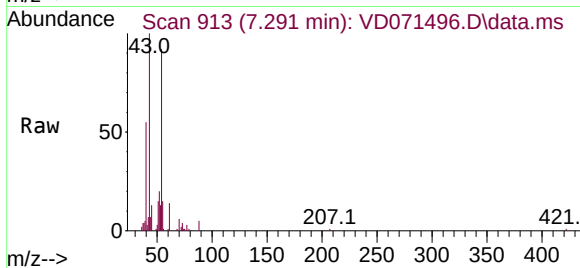
Tgt Ion: 43 Resp: 57834

Ion Ratio Lower Upper

43 100

61 13.9 13.0 19.6

70 9.5 8.7 13.1



#38

Carbon Tetrachloride

Concen: 21.382 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. 0.005 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

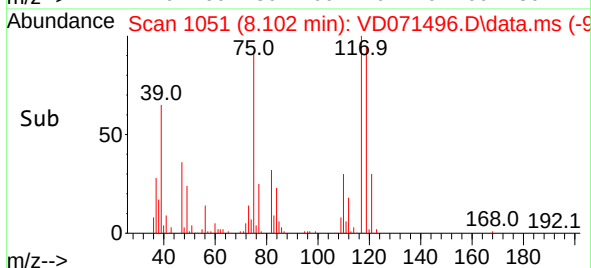
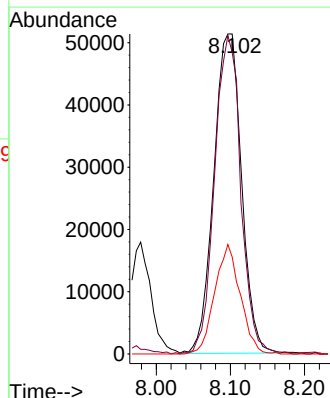
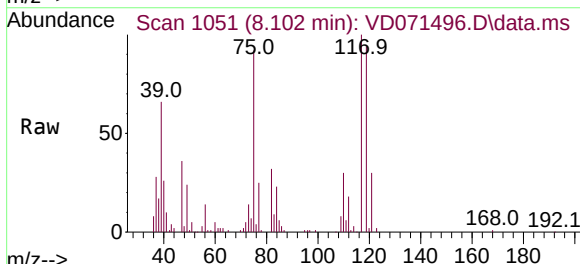
Tgt Ion: 117 Resp: 133299

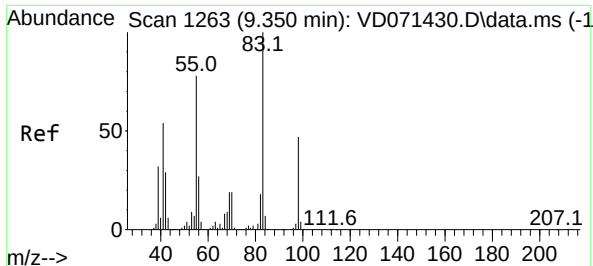
Ion Ratio Lower Upper

117 100

119 94.5 75.8 113.6

121 30.4 23.6 35.4





#39

Methylcyclohexane

Concen: 20.001 ug/l

RT: 9.355 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBSD01

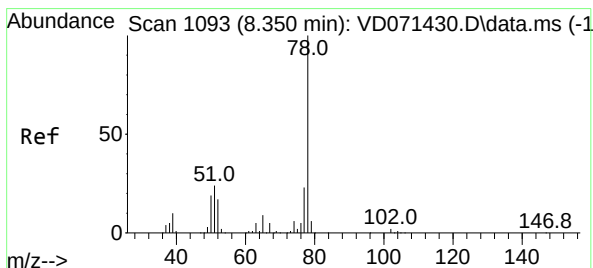
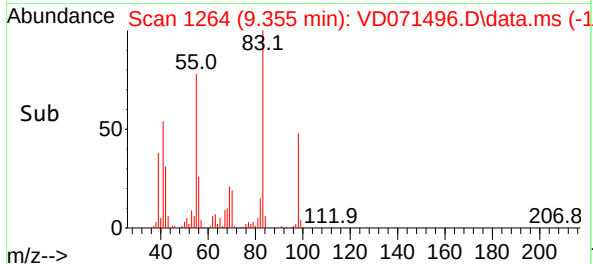
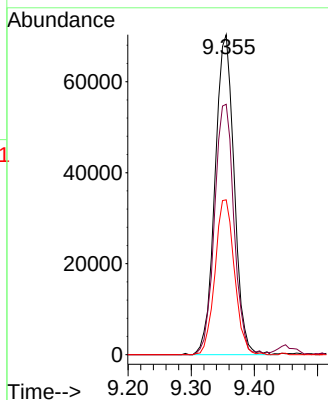
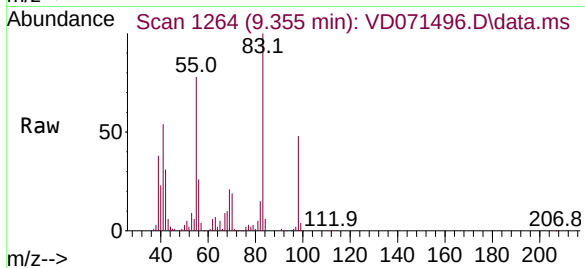
Tgt Ion: 83 Resp: 147947

Ion Ratio Lower Upper

83 100

55 78.3 65.8 98.8

98 48.4 38.7 58.1



#40

Benzene

Concen: 21.000 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. -0.001 min

Lab File: VD071496.D

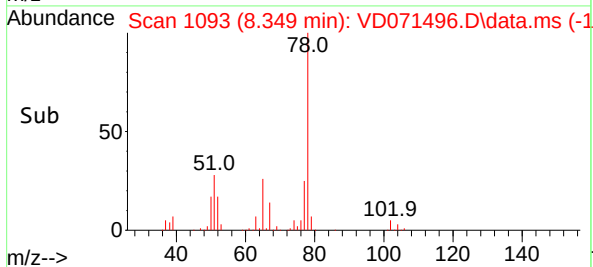
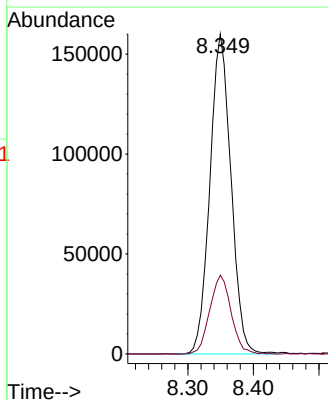
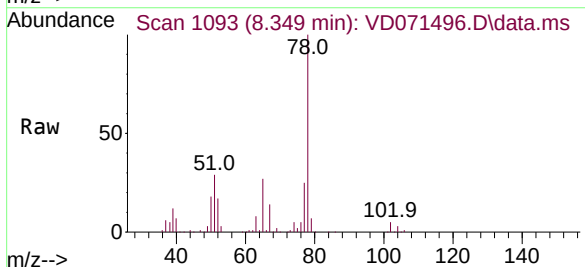
Acq: 28 Dec 2021 12:01

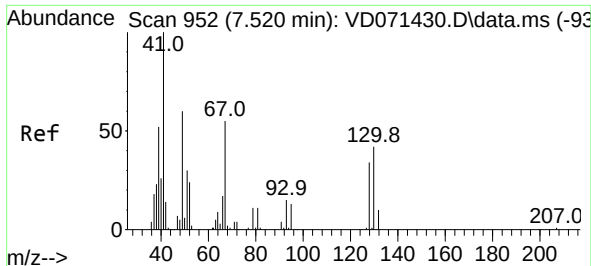
Tgt Ion: 78 Resp: 356722

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7

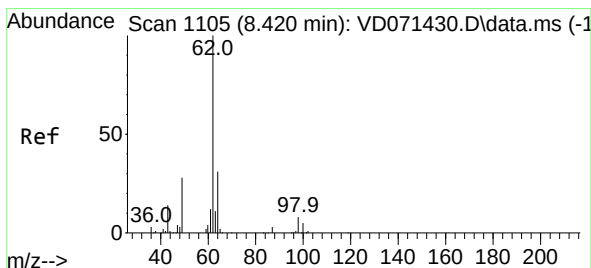
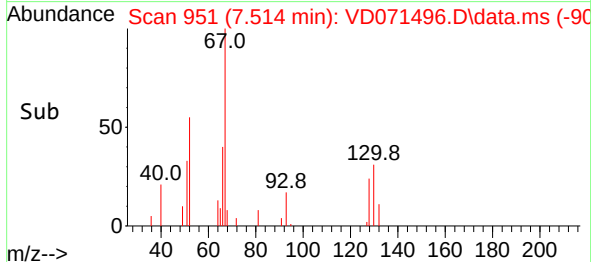
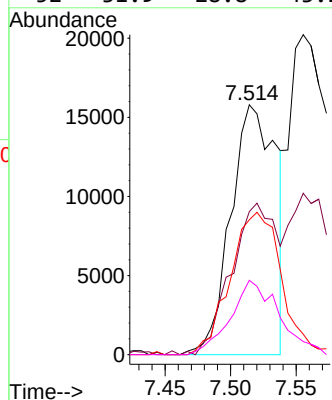
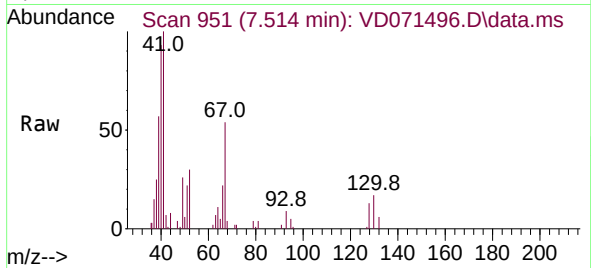




#41
Methacrylonitrile
Concen: 21.941 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

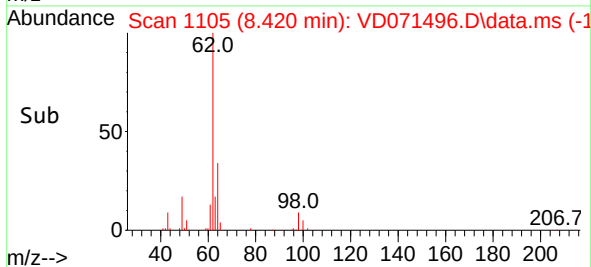
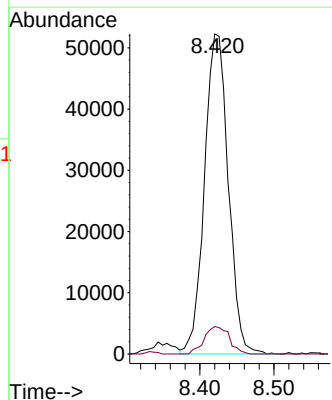
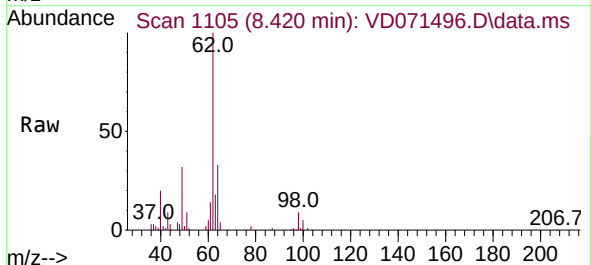
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

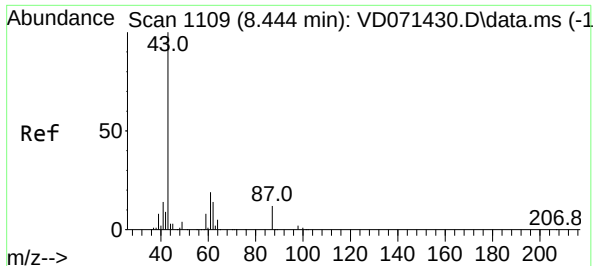
Tgt Ion: 41 Resp: 38018
Ion Ratio Lower Upper
41 100
39 60.8 60.2 90.4
67 64.6 74.8 112.2#
52 31.9 28.8 43.2



#42
1,2-Dichloroethane
Concen: 21.102 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 62 Resp: 116886
Ion Ratio Lower Upper
62 100
98 9.0 0.0 21.8





#43

Isopropyl Acetate

Concen: 20.447 ug/l

RT: 8.449 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBSD01

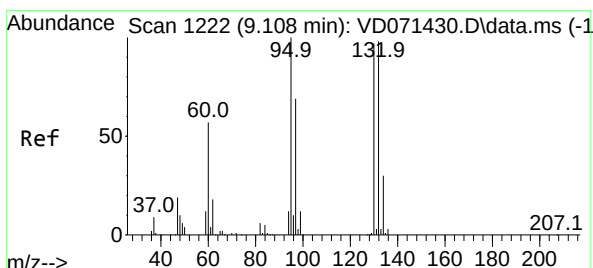
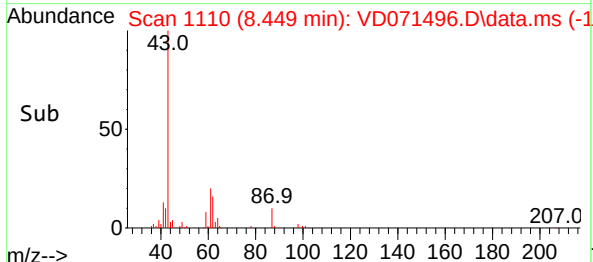
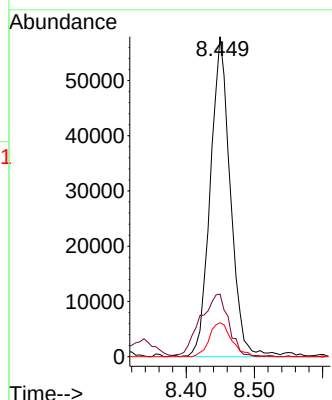
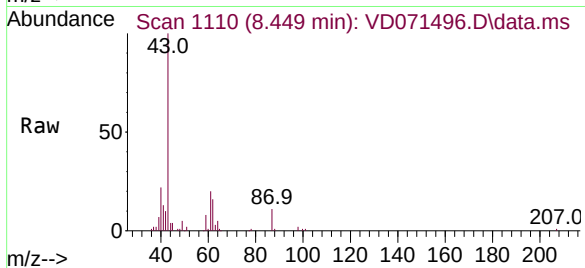
Tgt Ion: 43 Resp: 118371

Ion Ratio Lower Upper

43 100

61 27.8 28.2 42.4#

87 11.8 10.7 16.1



#44

Trichloroethene

Concen: 20.873 ug/l

RT: 9.114 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD071496.D

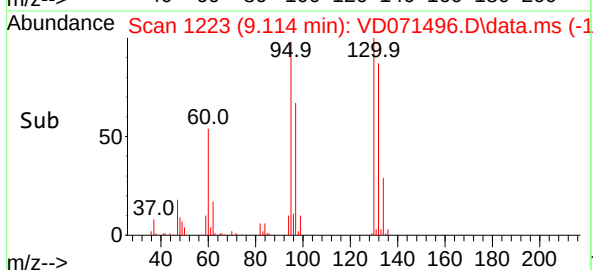
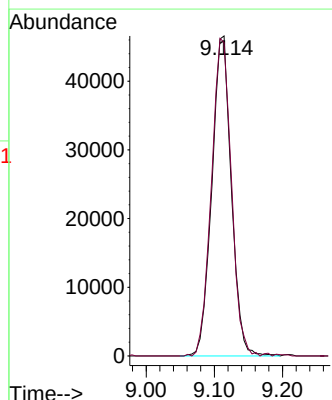
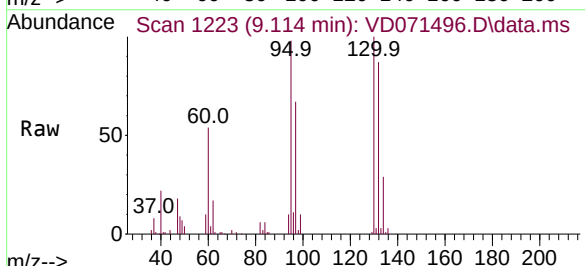
Acq: 28 Dec 2021 12:01

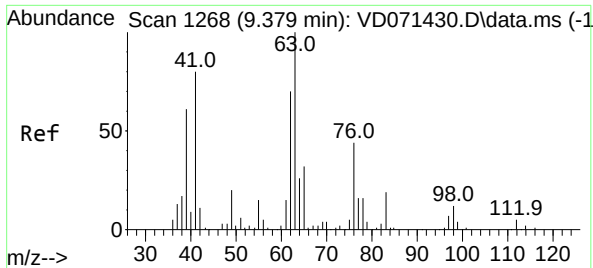
Tgt Ion:130 Resp: 92398

Ion Ratio Lower Upper

130 100

95 98.0 0.0 193.2





#45

1,2-Dichloropropane

Concen: 21.276 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

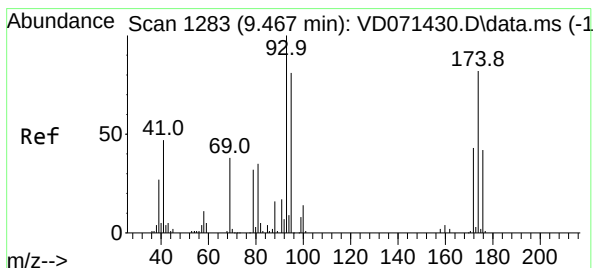
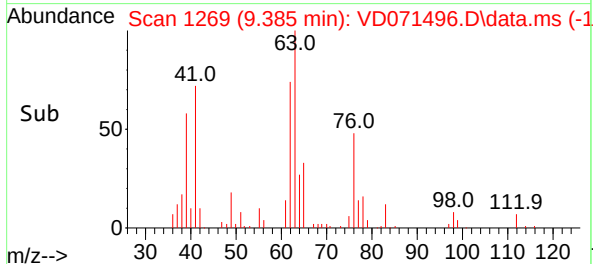
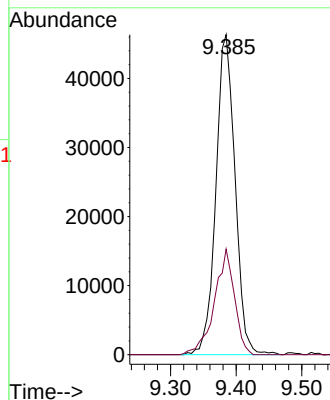
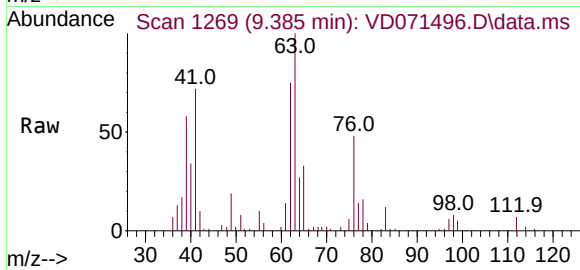
VD1228SBSD01

Tgt Ion: 63 Resp: 93784

Ion Ratio Lower Upper

63 100

65 33.0 24.2 36.2



#46

Dibromomethane

Concen: 21.083 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

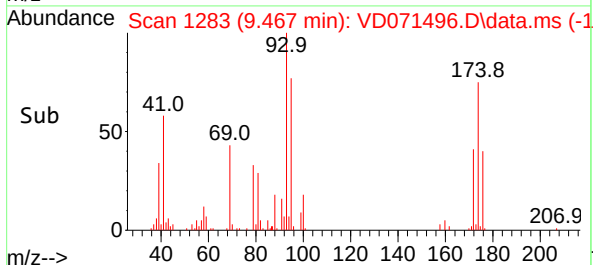
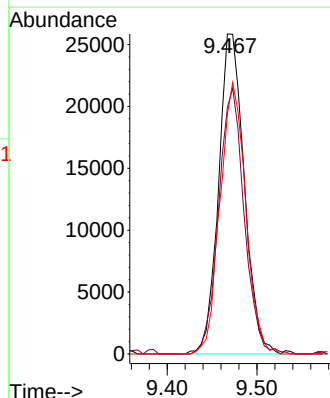
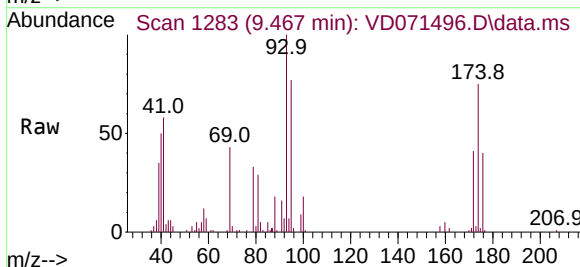
Tgt Ion: 93 Resp: 51343

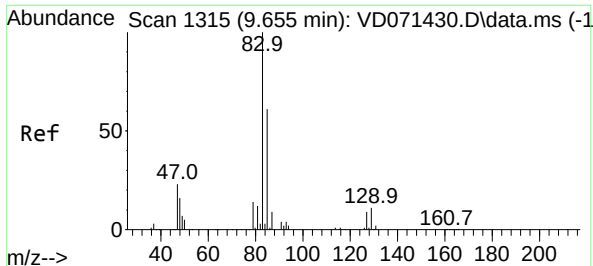
Ion Ratio Lower Upper

93 100

95 82.5 66.1 99.1

174 84.6 78.6 117.8

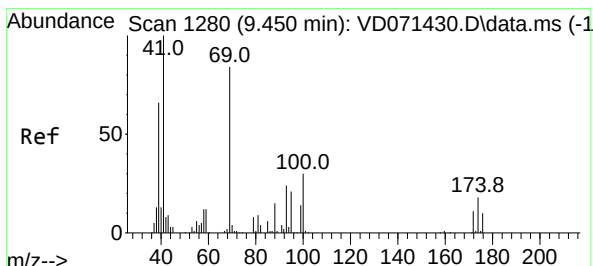
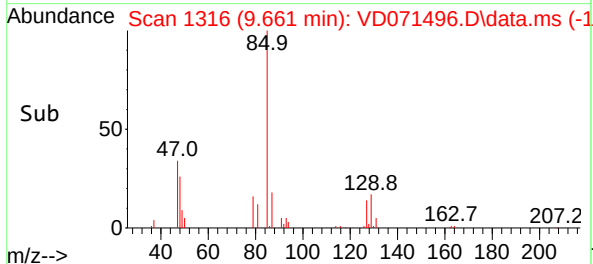
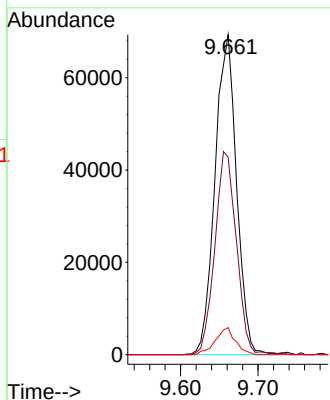
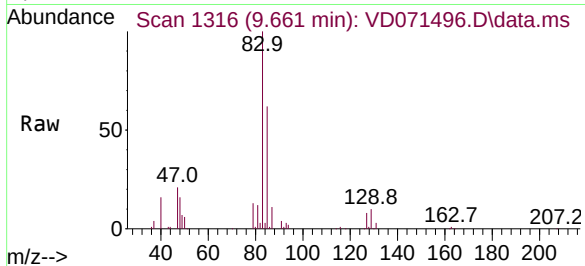




#47
Bromodichloromethane
Concen: 21.693 ug/l
RT: 9.661 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

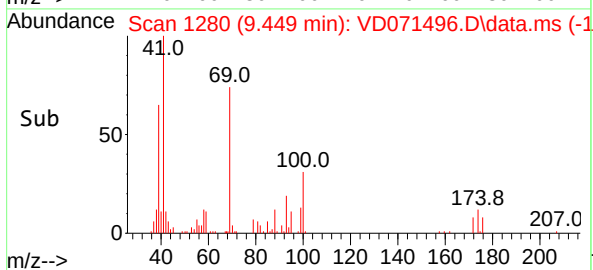
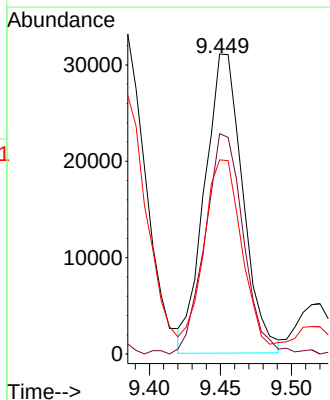
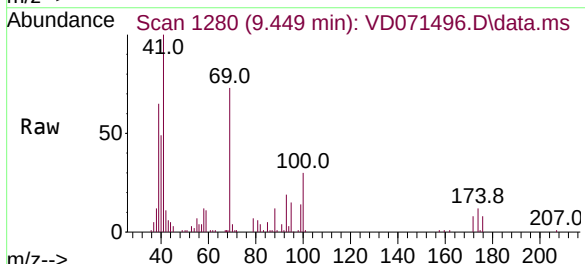
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

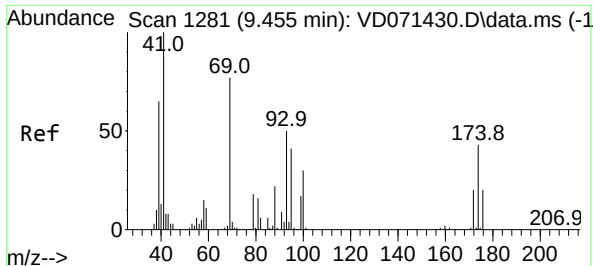
Tgt Ion: 83 Resp: 134126
Ion Ratio Lower Upper
83 100
85 61.8 50.0 75.0
127 8.5 7.3 10.9



#48
Methyl methacrylate
Concen: 20.285 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 41 Resp: 58112
Ion Ratio Lower Upper
41 100
69 74.7 69.8 104.6
39 58.6 35.6 53.4#





#49

1,4-Dioxane

Concen: 415.423 ug/l

RT: 9.455 min Scan# 11432

Delta R.T. 0.000 min

Lab File: VD071496.D

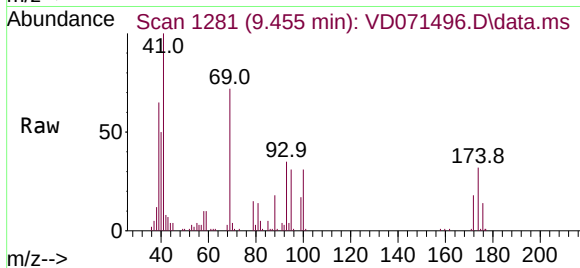
Acq: 28 Dec 2021 12:01

Instrument :

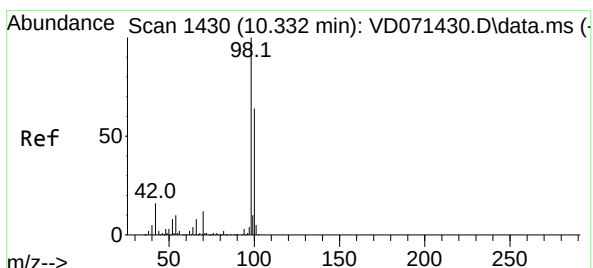
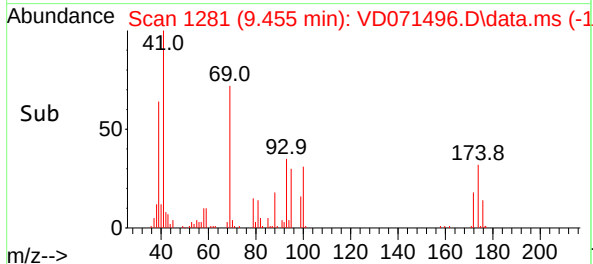
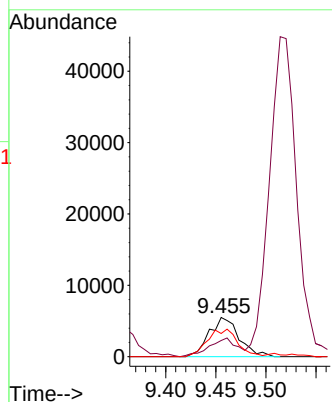
MSVOA_D

ClientSampleId :

VD1228SBSD01



Tgt Ion:	88	Resp:	11432
Ion	Ratio	Lower	Upper
88	100		
43	43.5	28.9	43.3#
58	70.9	56.3	84.5



#50

Toluene-d8

Concen: 55.980 ug/l

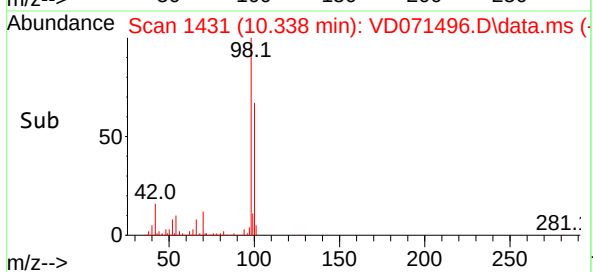
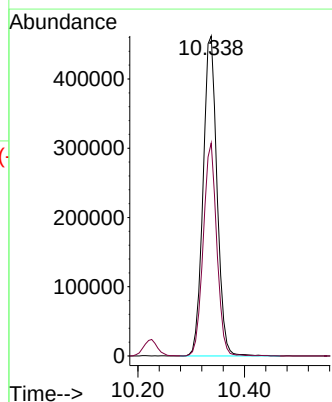
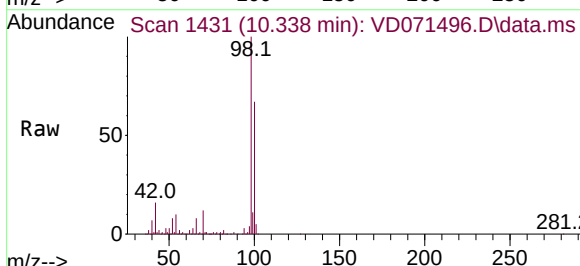
RT: 10.338 min Scan# 1431

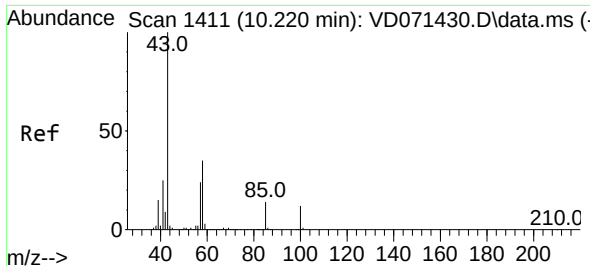
Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Tgt Ion:	98	Resp:	836716
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.6

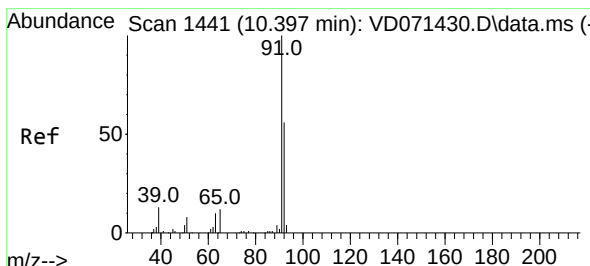
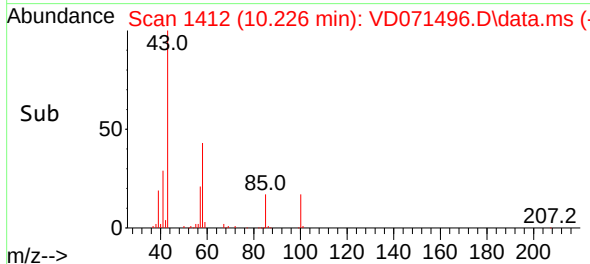
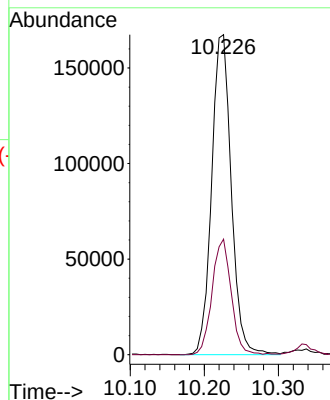
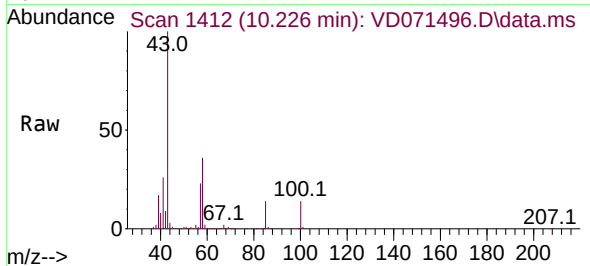




#51
4-Methyl-2-Pentanone
Concen: 101.087 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

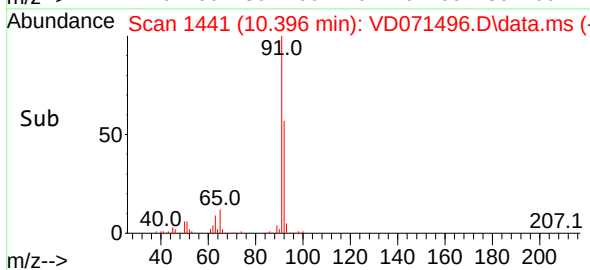
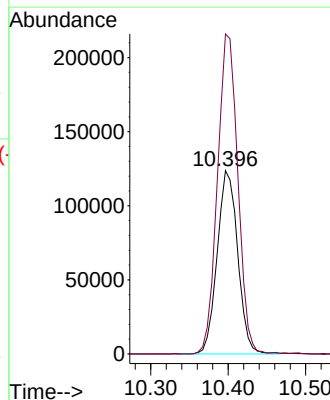
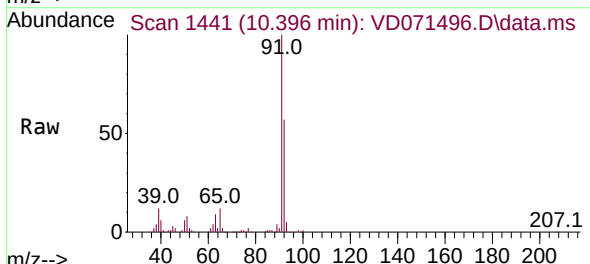
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

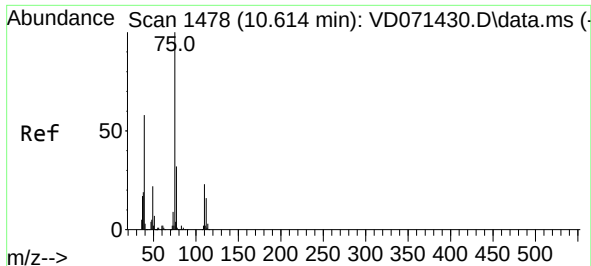
Tgt Ion: 43 Resp: 307890
Ion Ratio Lower Upper
43 100
58 35.3 33.1 49.7



#52
Toluene
Concen: 21.177 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 92 Resp: 228513
Ion Ratio Lower Upper
92 100
91 173.2 140.7 211.1

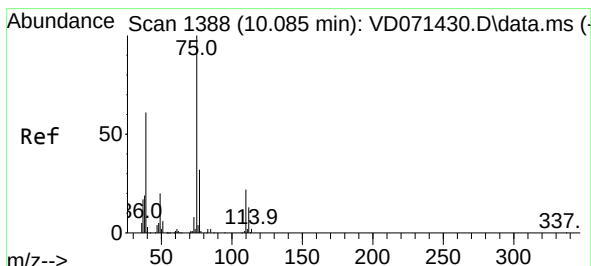
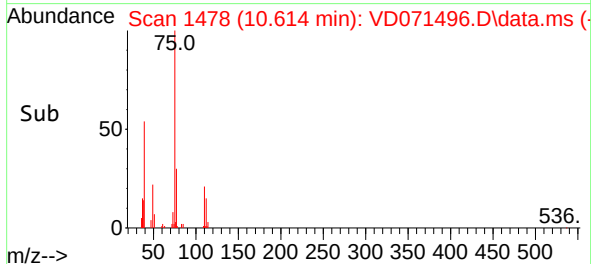
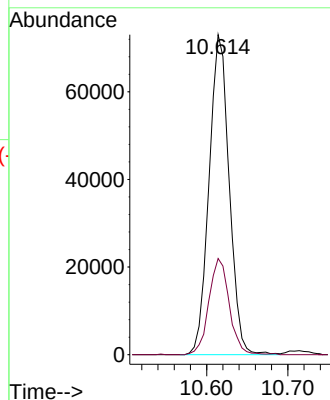
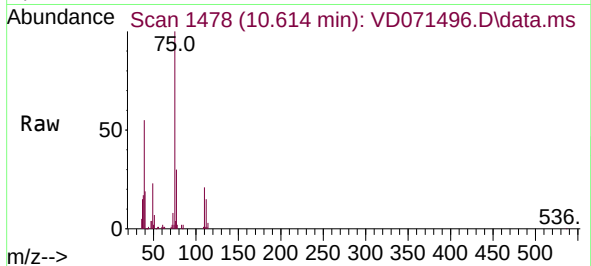




#53
t-1,3-Dichloropropene
Concen: 21.787 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

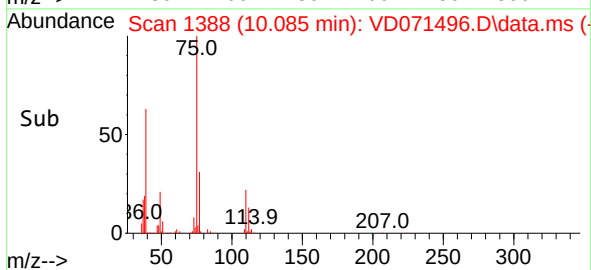
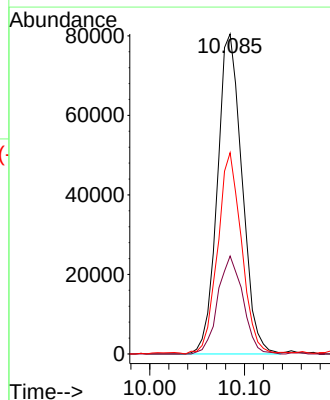
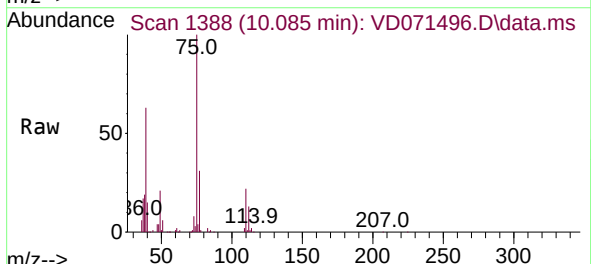
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

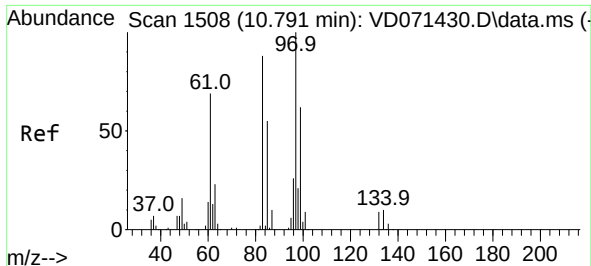
Tgt Ion: 75 Resp: 125785
Ion Ratio Lower Upper
75 100
77 30.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 21.833 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 75 Resp: 145661
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6
39 62.6 31.6 47.4#

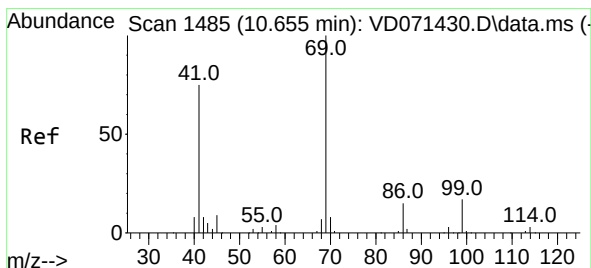
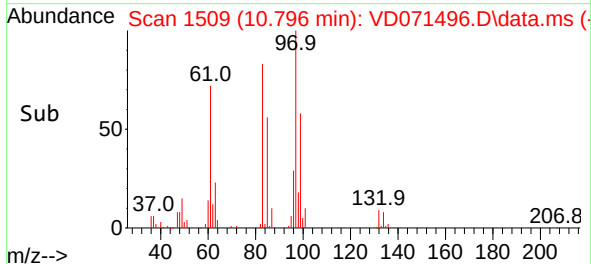
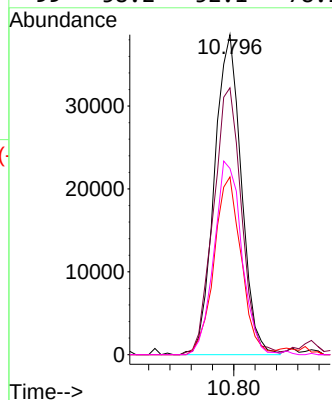
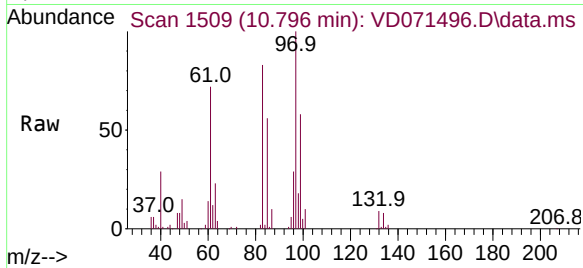




#55
1,1,2-Trichloroethane
Concen: 21.867 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.005 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

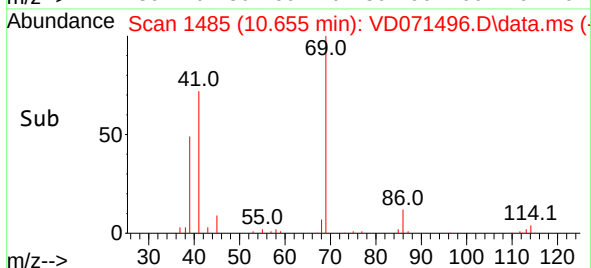
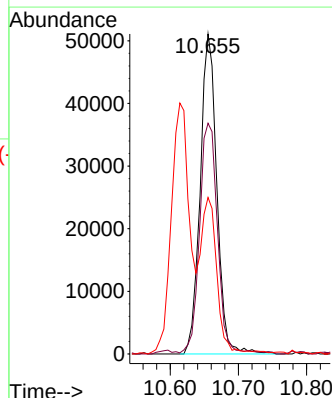
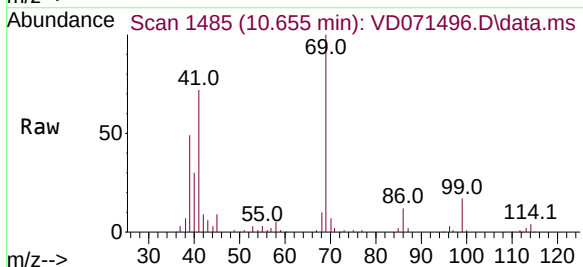
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

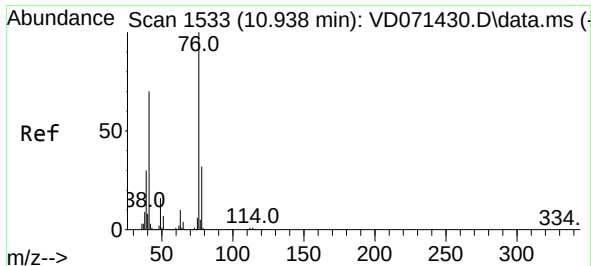
Tgt Ion:	97	Resp:	67591
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.2	97.8
85	55.5	43.4	65.0
99	58.2	52.1	78.1



#56
Ethyl methacrylate
Concen: 21.283 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion:	69	Resp:	86573
Ion	Ratio	Lower	Upper
69	100		
41	76.5	50.2	75.2#
39	45.3	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 21.742 ug/l

RT: 10.943 min Scan# 1534

Delta R.T. 0.005 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

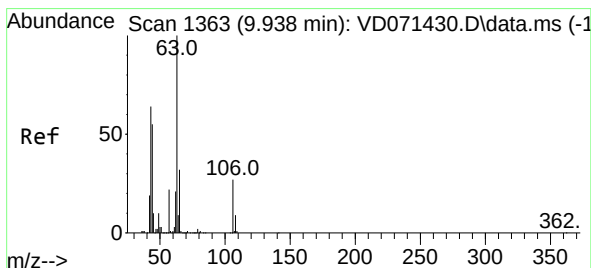
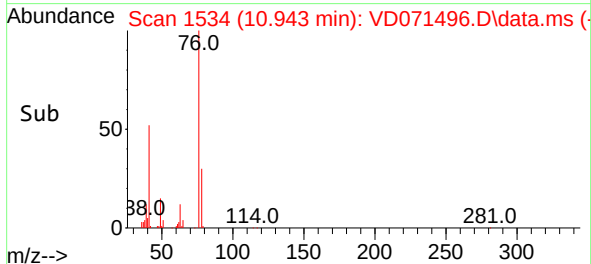
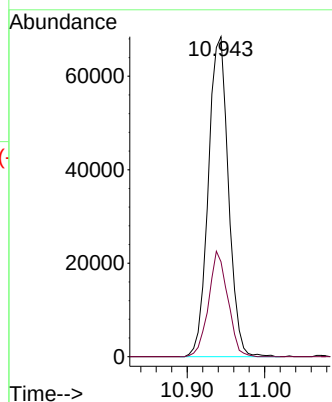
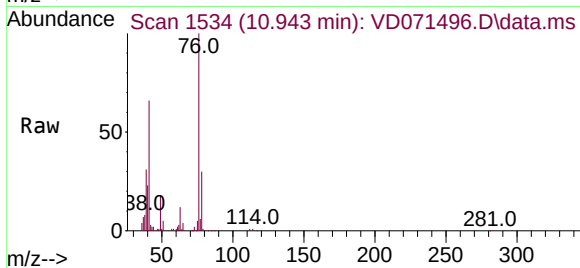
VD1228SBSD01

Tgt Ion: 76 Resp: 123100

Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.231 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071496.D

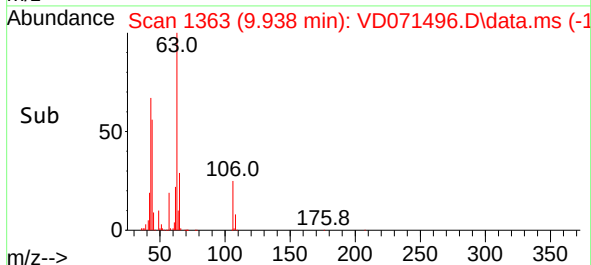
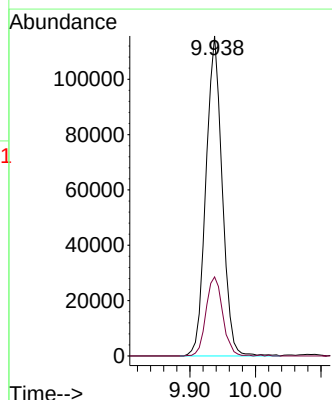
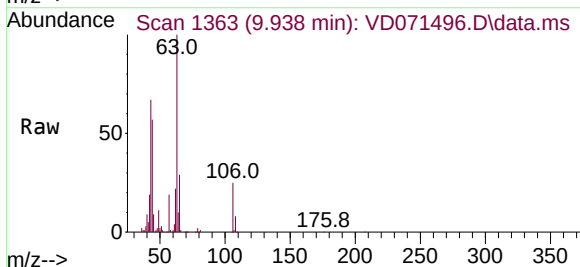
Acq: 28 Dec 2021 12:01

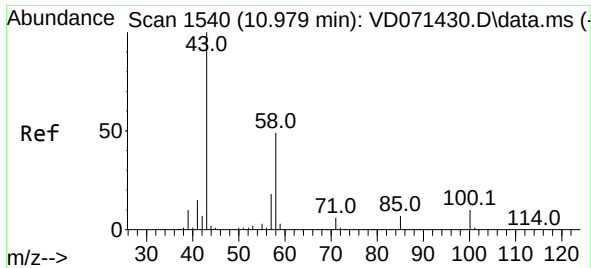
Tgt Ion: 63 Resp: 199194

Ion Ratio Lower Upper

63 100

106 25.4 21.0 31.4

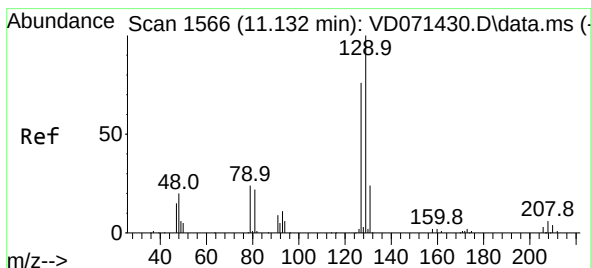
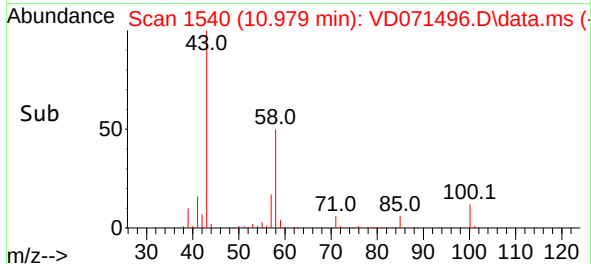
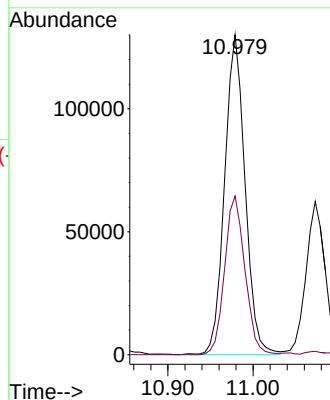
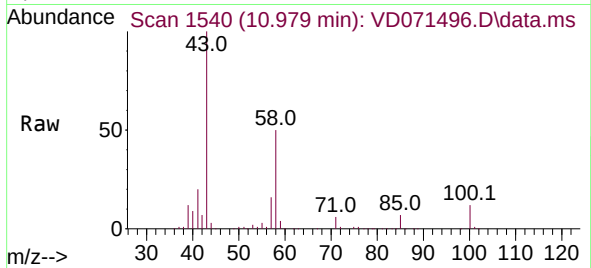




#59
2-Hexanone
Concen: 100.716 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

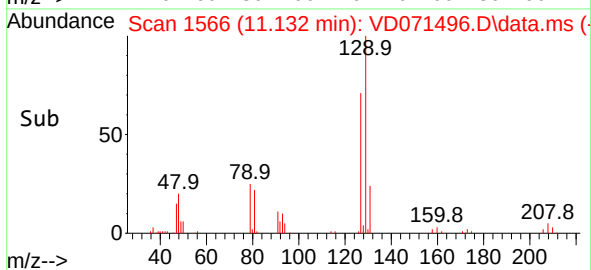
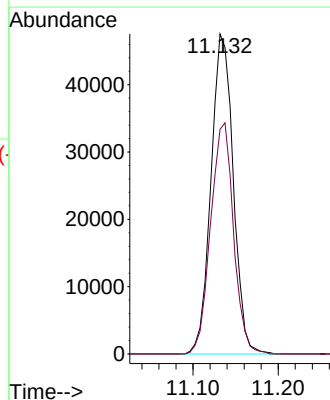
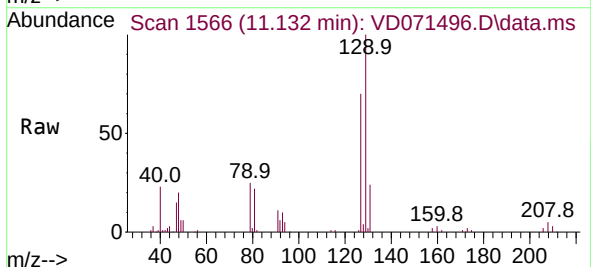
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

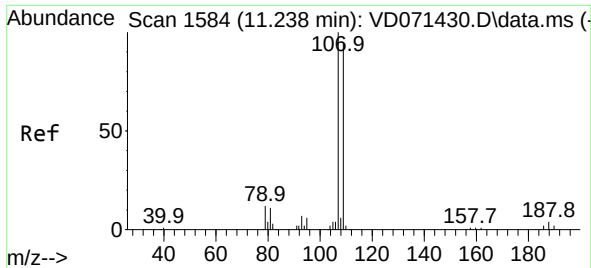
Tgt Ion: 43 Resp: 216835
Ion Ratio Lower Upper
43 100
58 49.1 28.7 86.1



#60
Dibromochloromethane
Concen: 22.173 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 129 Resp: 86158
Ion Ratio Lower Upper
129 100
127 74.3 38.9 116.6

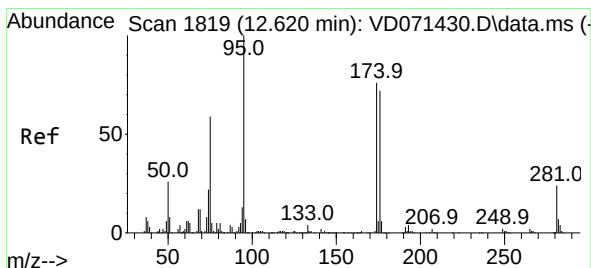
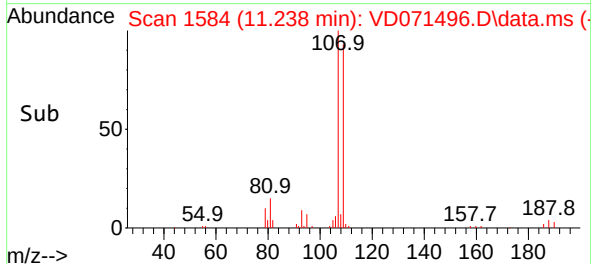
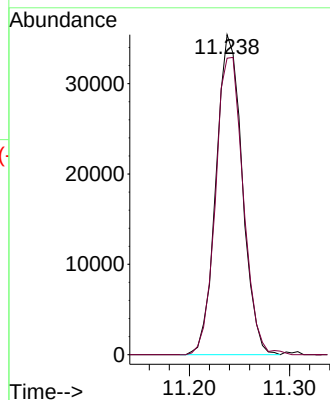
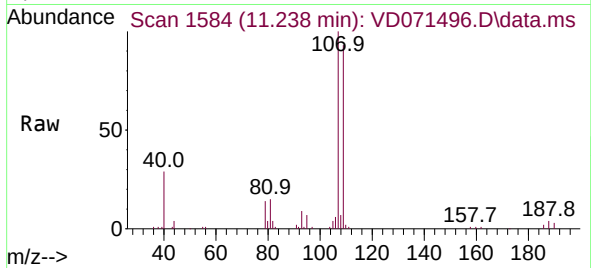




#61
1,2-Dibromoethane
Concen: 20.969 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

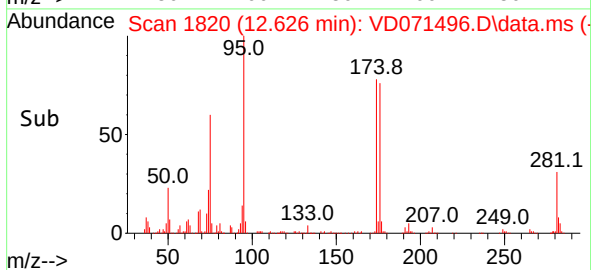
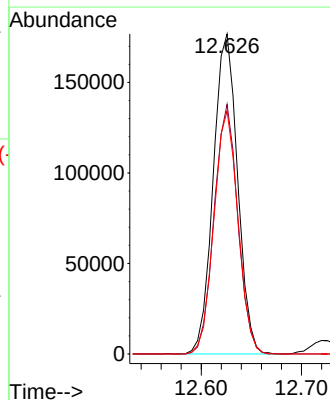
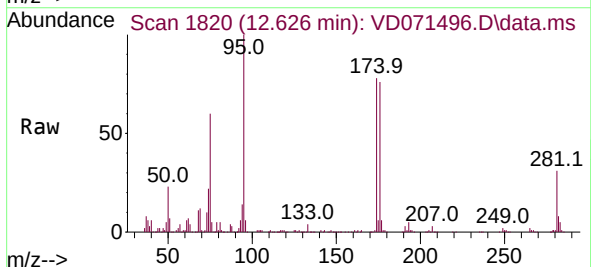
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

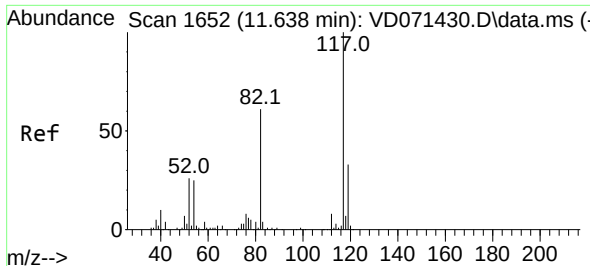
Tgt Ion:107 Resp: 64198
Ion Ratio Lower Upper
107 100
109 98.2 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 55.817 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 95 Resp: 296460
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.4
176 75.0 0.0 154.0

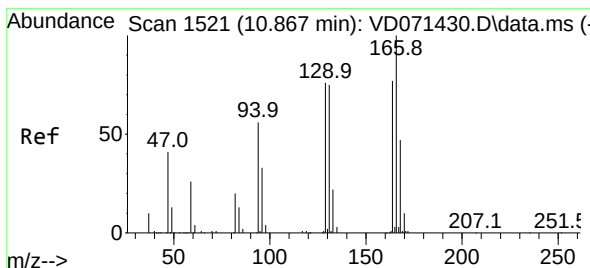
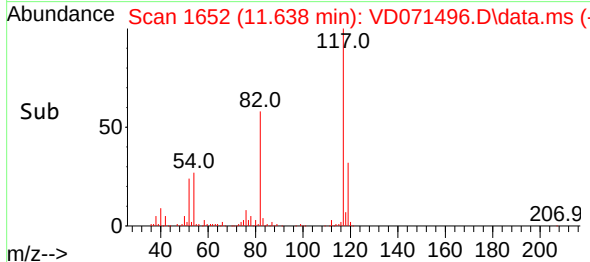
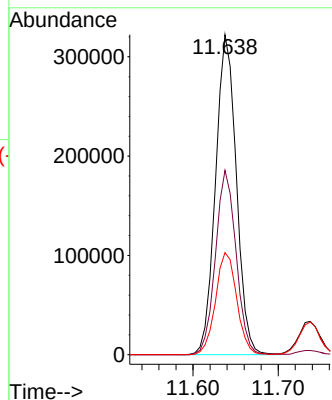
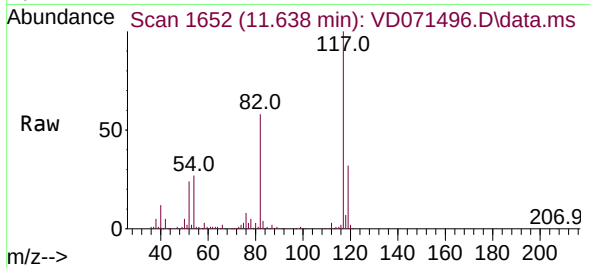




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

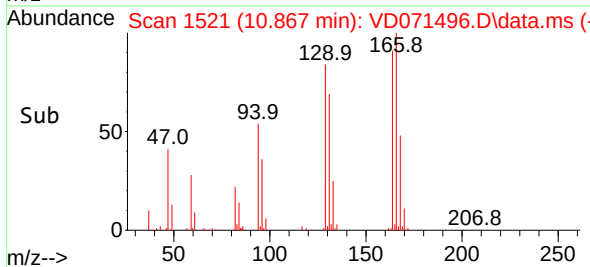
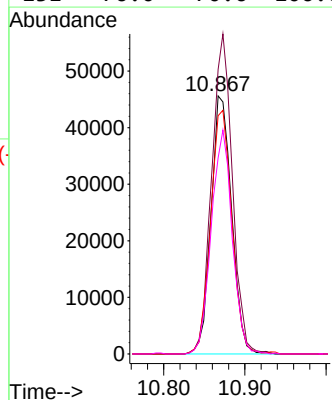
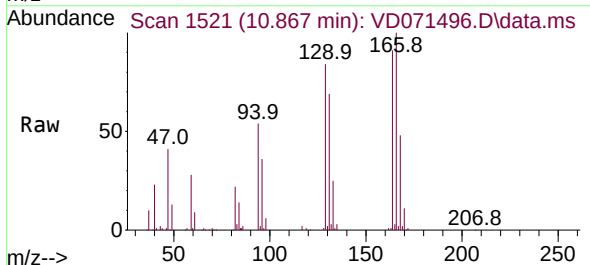
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

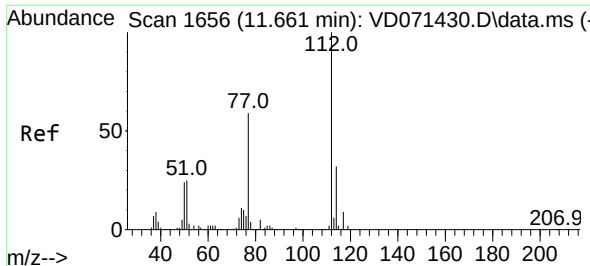
Tgt Ion:117 Resp: 546452
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 31.9 26.2 39.4



#64
Tetrachloroethene
Concen: 21.288 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion:164 Resp: 80838
Ion Ratio Lower Upper
164 100
166 110.2 102.6 153.8
129 92.3 75.4 113.0
131 76.0 70.6 106.0

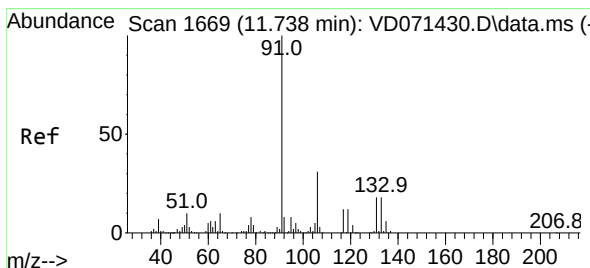
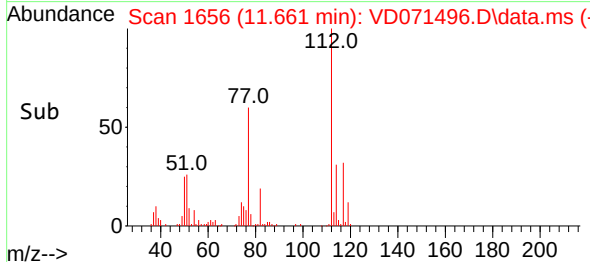
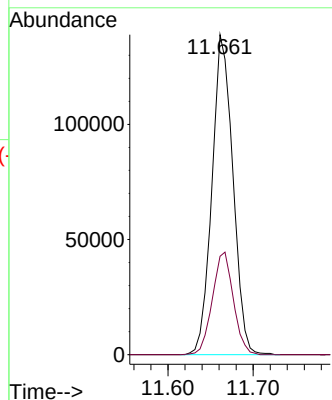
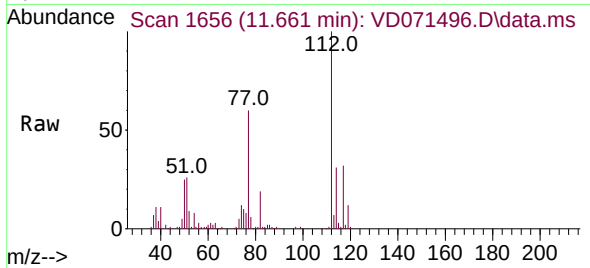




#65
Chlorobenzene
Concen: 21.165 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

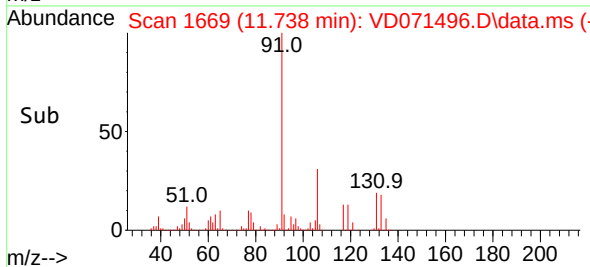
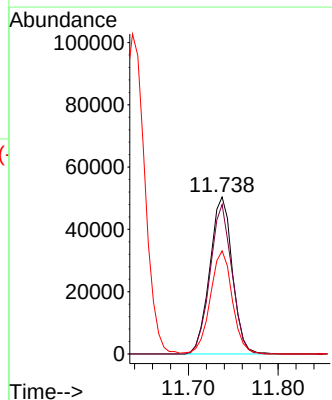
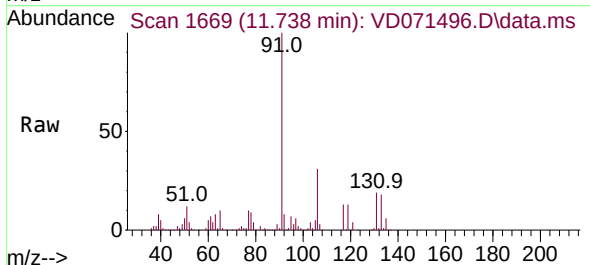
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

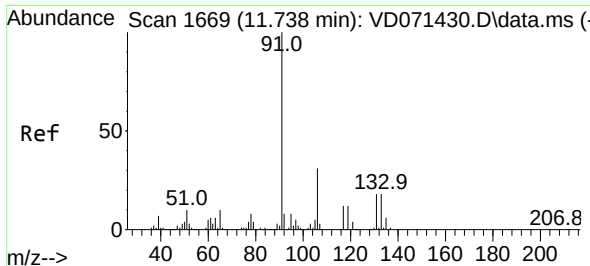
Tgt Ion:112 Resp: 237243
Ion Ratio Lower Upper
112 100
114 30.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.425 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion:131 Resp: 87734
Ion Ratio Lower Upper
131 100
133 92.8 48.0 144.0
119 64.6 33.5 100.4

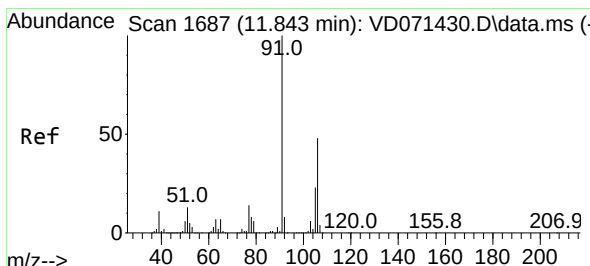
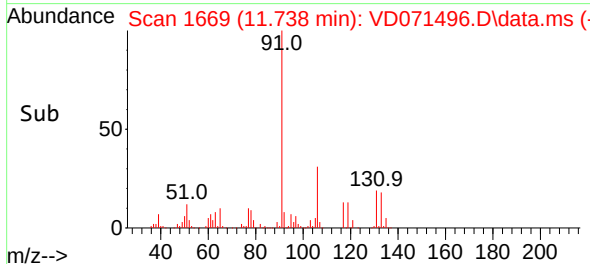
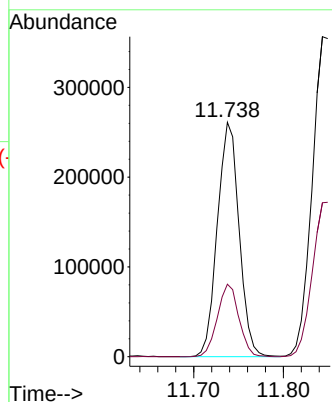
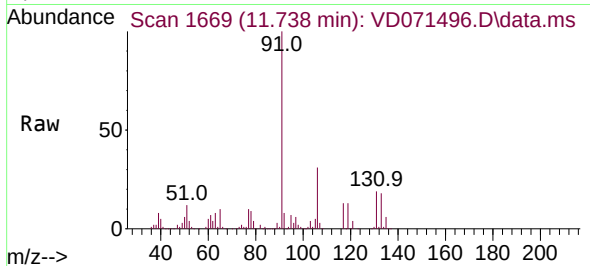




#67
Ethyl Benzene
Concen: 21.047 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

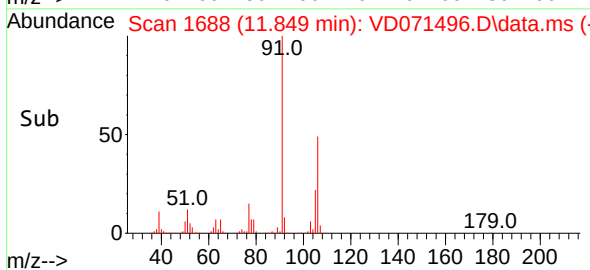
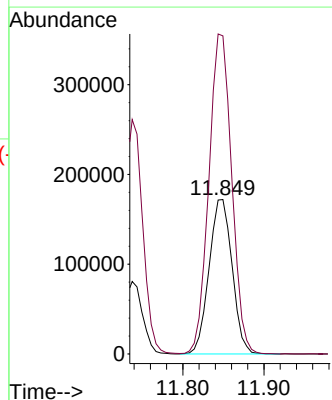
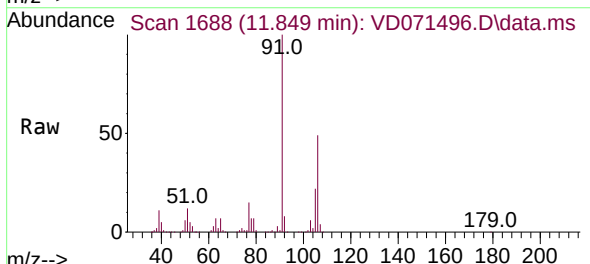
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

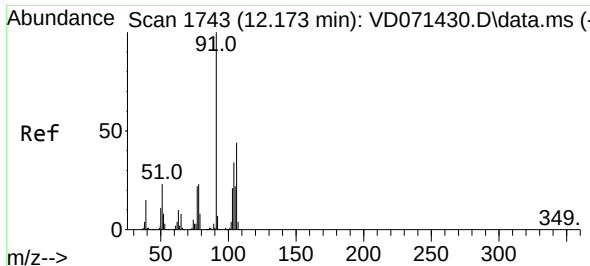
Tgt Ion: 91 Resp: 439057
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8



#68
m/p-Xylenes
Concen: 42.848 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion:106 Resp: 339584
Ion Ratio Lower Upper
106 100
91 205.5 160.1 240.1

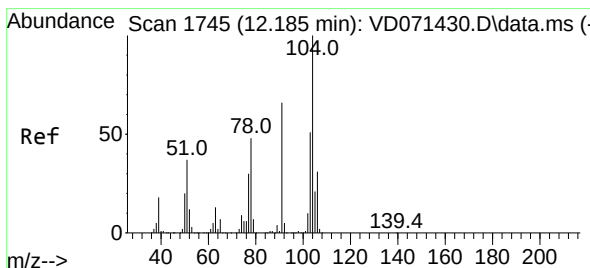
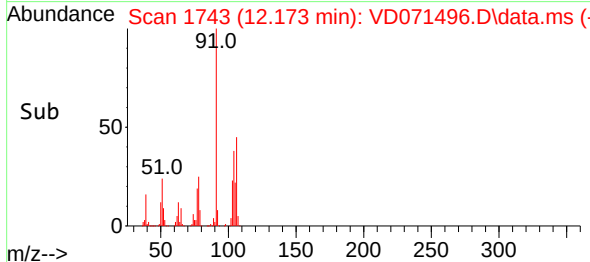
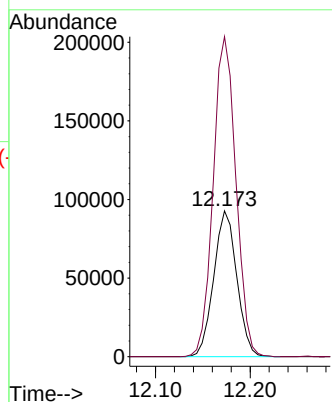
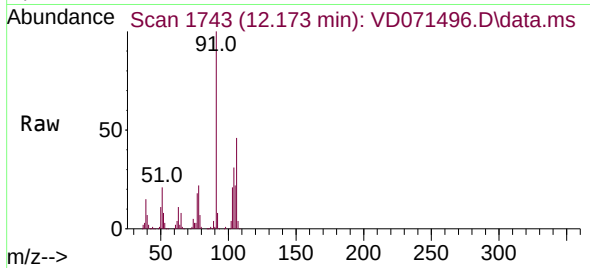




#69
o-Xylene
Concen: 21.657 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

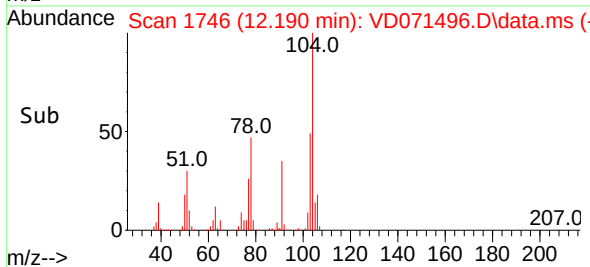
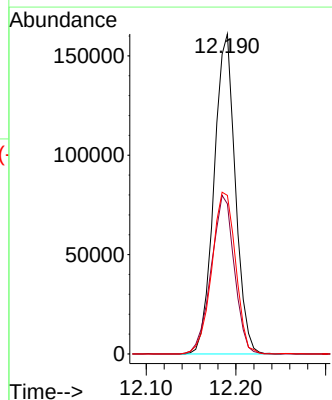
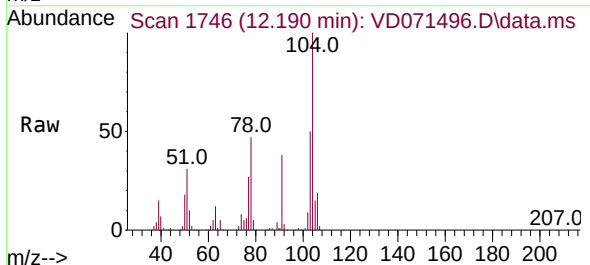
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

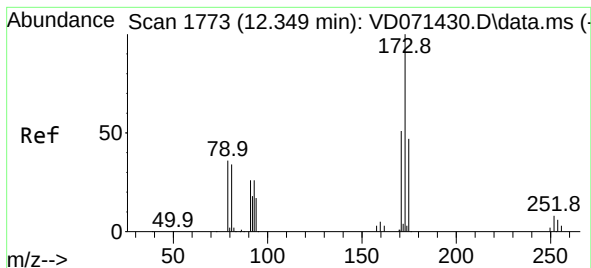
Tgt Ion:106 Resp: 156892
Ion Ratio Lower Upper
106 100
91 216.3 106.3 319.0



#70
Styrene
Concen: 21.070 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.005 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion:104 Resp: 265165
Ion Ratio Lower Upper
104 100
78 53.7 39.4 59.0
103 56.5 43.4 65.0





#71

Bromoform

Concen: 21.419 ug/l

RT: 12.355 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBSD01

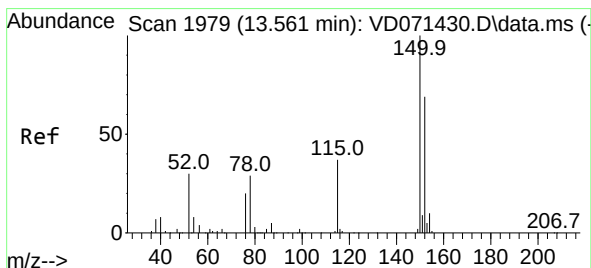
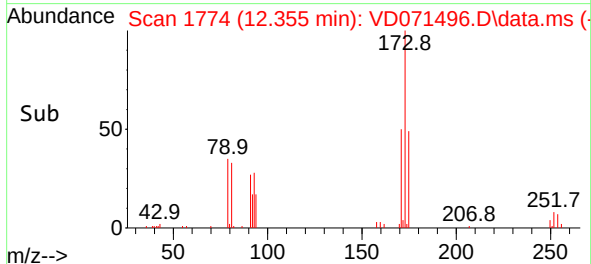
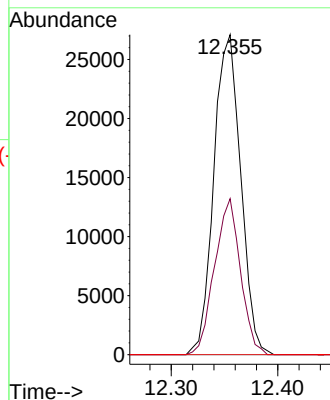
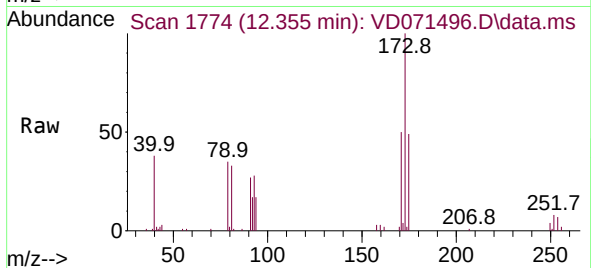
Tgt Ion:173 Resp: 47462

Ion Ratio Lower Upper

173 100

175 46.9 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

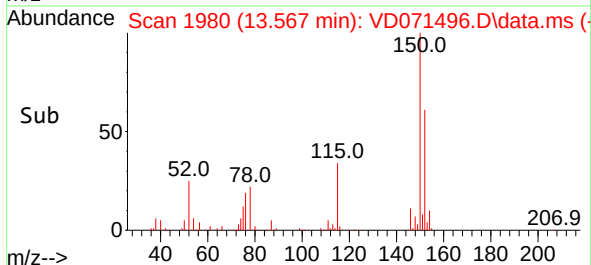
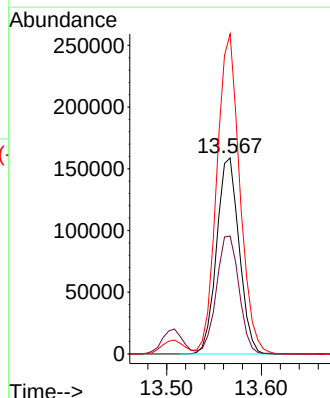
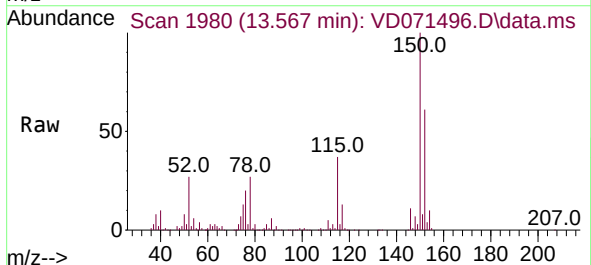
Tgt Ion:152 Resp: 262388

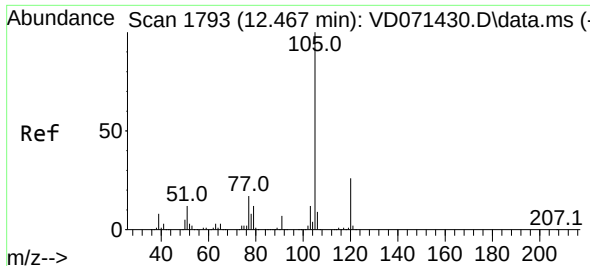
Ion Ratio Lower Upper

152 100

115 60.5 29.8 89.3

150 166.7 0.0 349.2

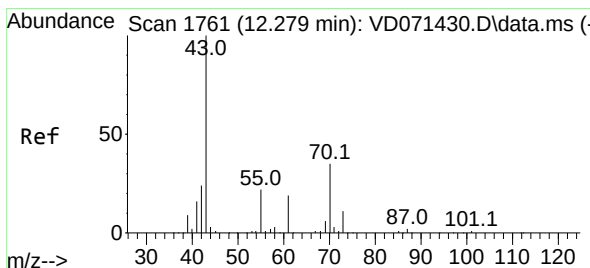
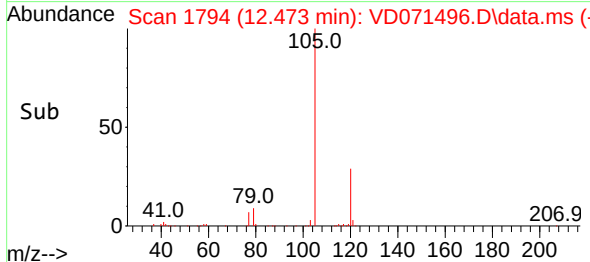
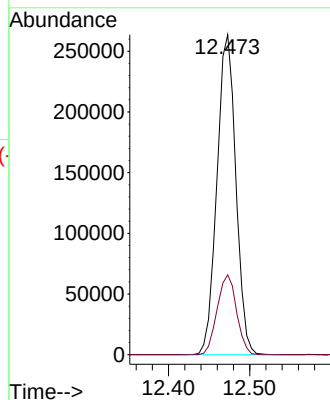
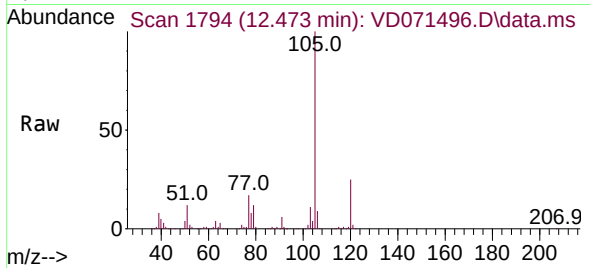




#73
Isopropylbenzene
Concen: 21.091 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

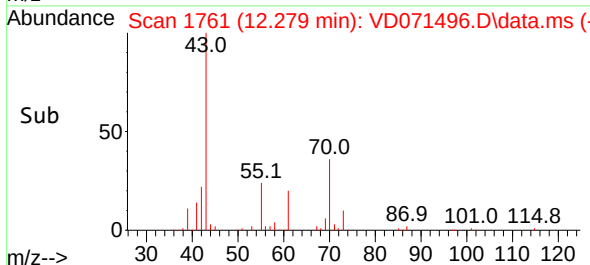
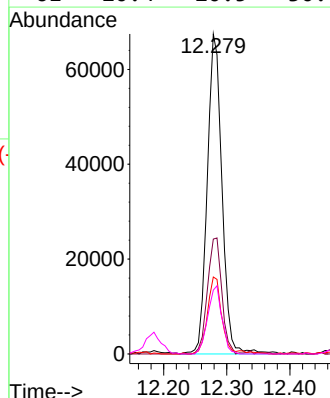
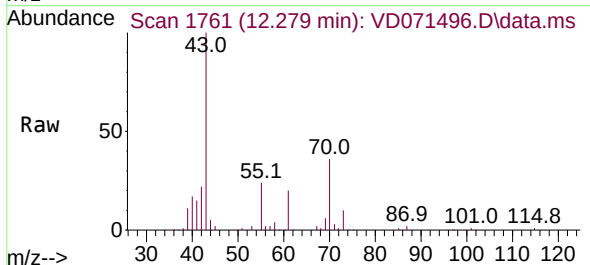
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

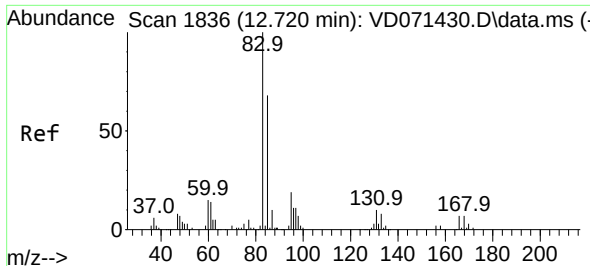
Tgt Ion:105 Resp: 426648
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5



#74
N-ethyl acetate
Concen: 20.175 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 43 Resp: 109496
Ion Ratio Lower Upper
43 100
70 35.3 36.6 55.0#
55 23.8 22.5 33.7
61 20.4 20.5 30.7#

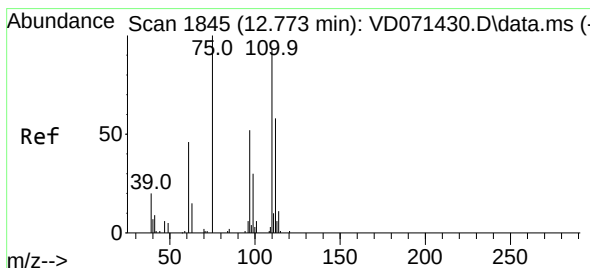
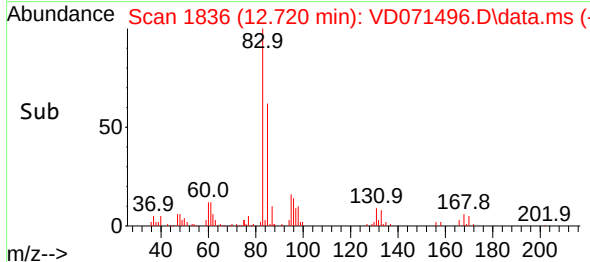
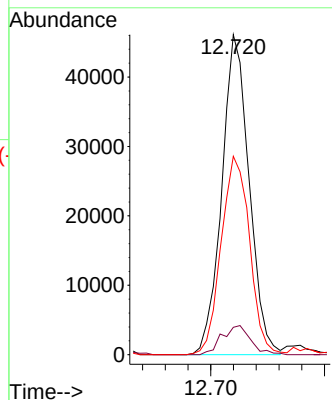
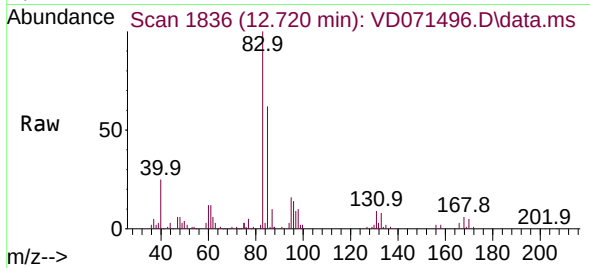




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.066 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD071496.D
 Acq: 28 Dec 2021 12:01

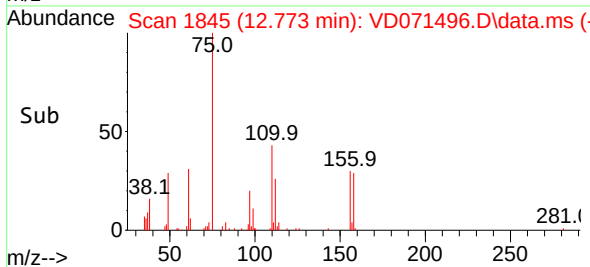
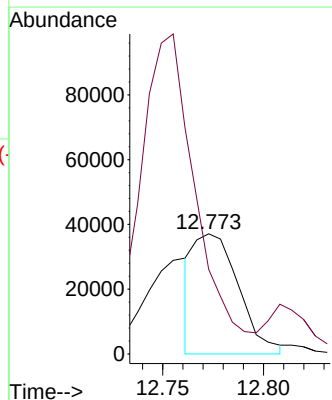
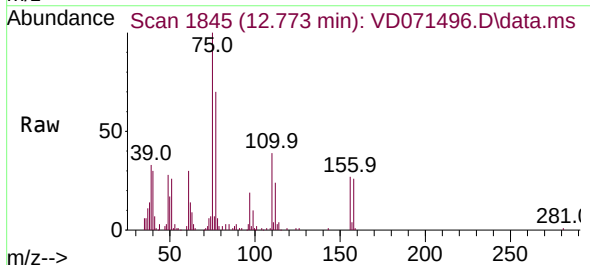
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

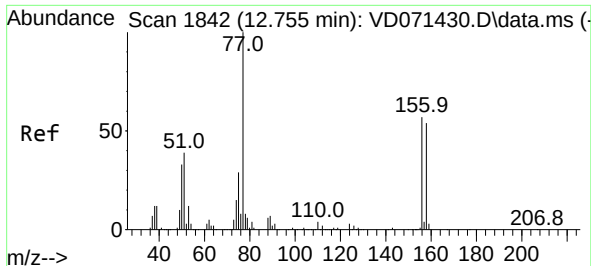
Tgt Ion: 83 Resp: 77044
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.9 14.7
 85 64.5 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 18.428 ug/l m
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VD071496.D
 Acq: 28 Dec 2021 12:01

Tgt Ion: 75 Resp: 57453
 Ion Ratio Lower Upper
 75 100
 77 330.8 158.4 475.3

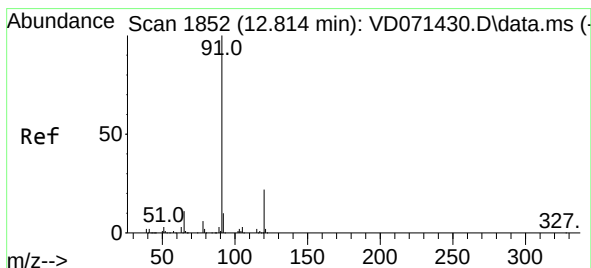
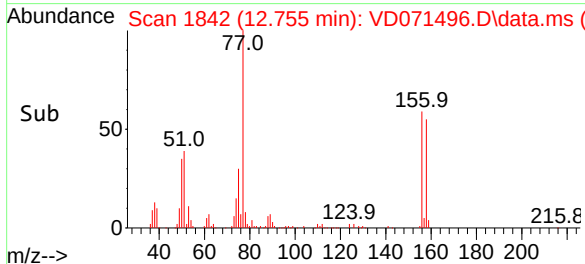
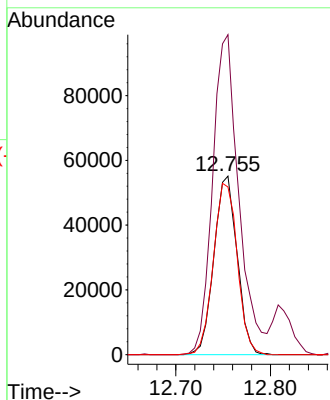
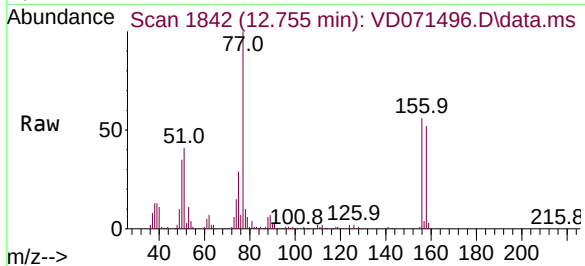




#77
Bromobenzene
Concen: 20.851 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

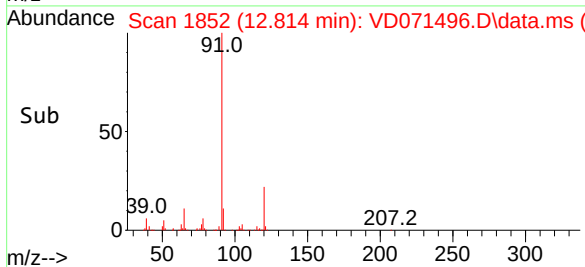
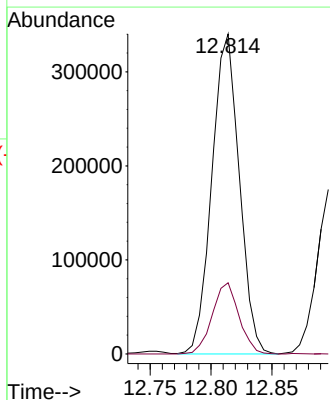
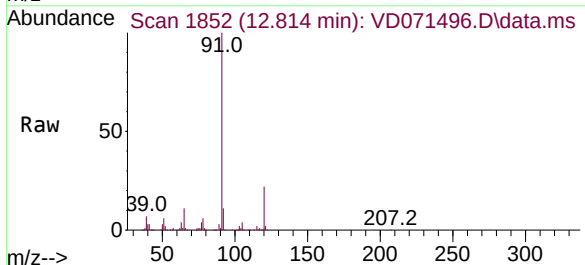
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

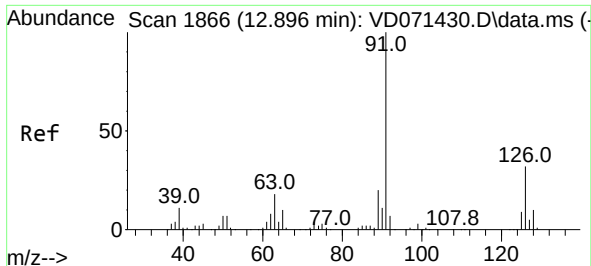
Tgt Ion:156 Resp: 93856
Ion Ratio Lower Upper
156 100
77 202.5 96.6 289.8
158 99.3 49.1 147.4



#78
n-propylbenzene
Concen: 21.044 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 91 Resp: 533590
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.9

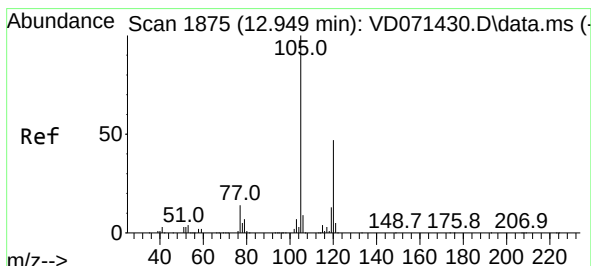
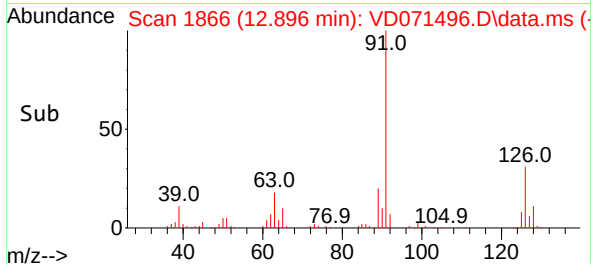
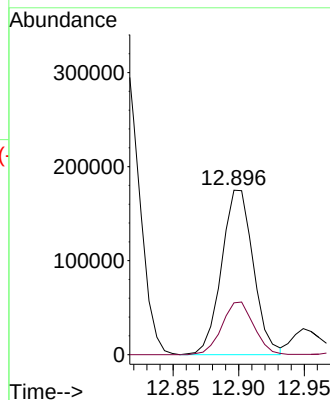
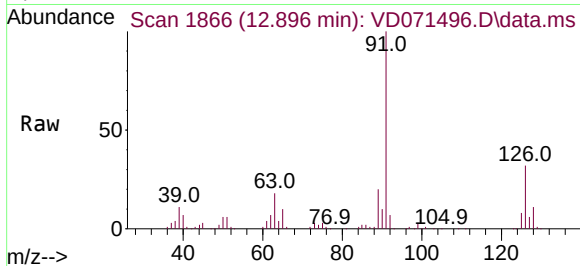




#79
2-Chlorotoluene
Concen: 20.840 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

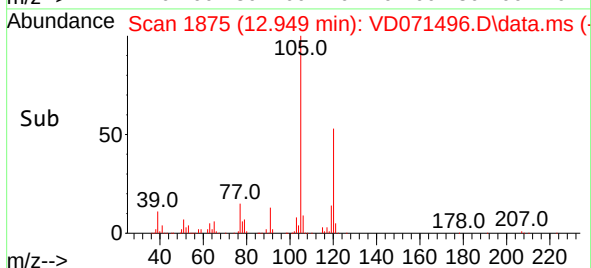
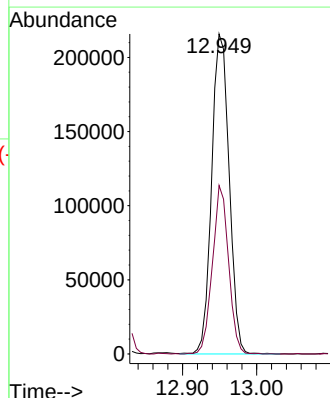
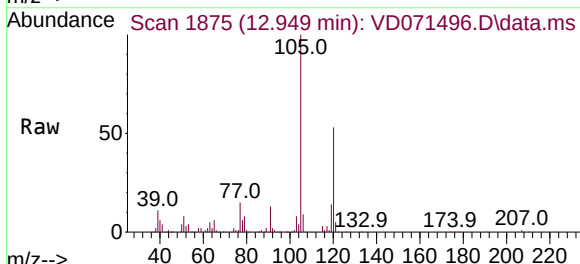
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

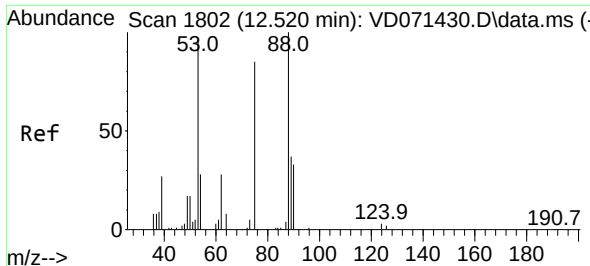
Tgt Ion: 91 Resp: 295307
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 21.190 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 105 Resp: 353571
Ion Ratio Lower Upper
105 100
120 48.5 24.6 73.8

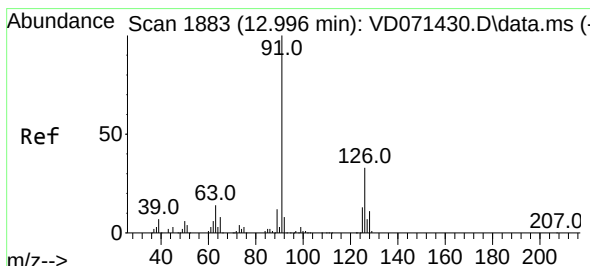
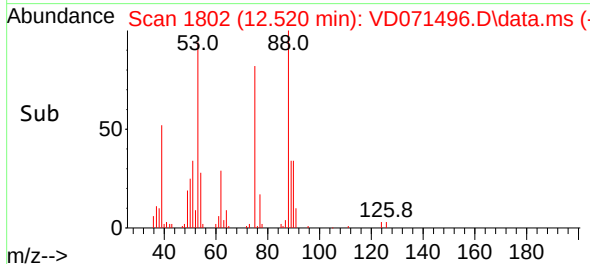
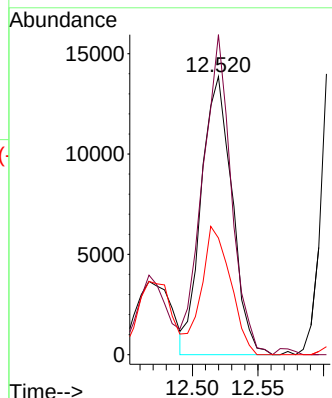
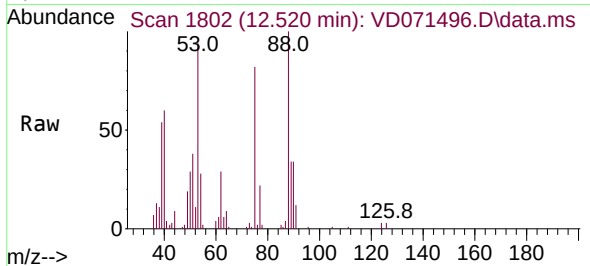




#81
trans-1,4-Dichloro-2-butene
Concen: 20.498 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

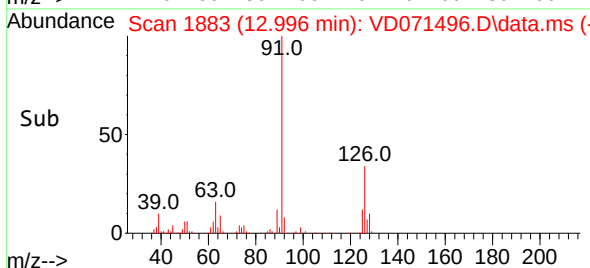
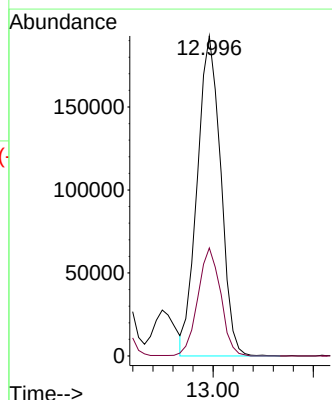
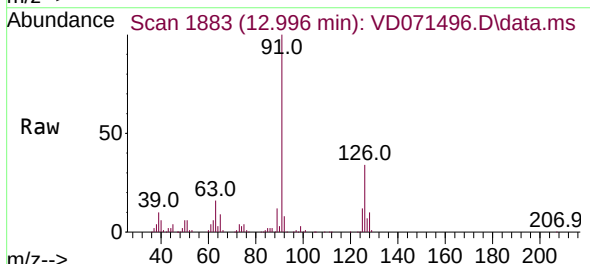
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

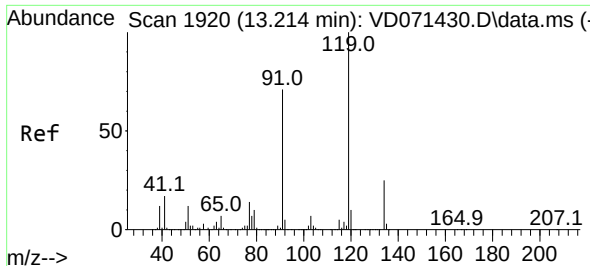
Tgt Ion: 75 Resp: 22617
Ion Ratio Lower Upper
75 100
53 107.2 62.6 94.0#
89 44.0 34.5 51.7



#82
4-Chlorotoluene
Concen: 21.325 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 91 Resp: 313454
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1

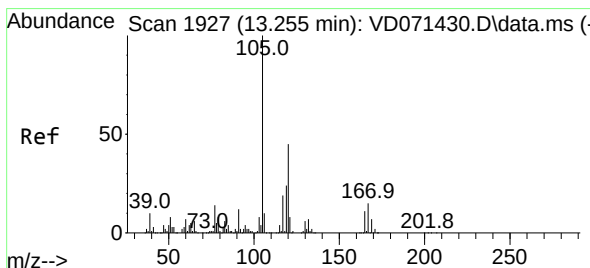
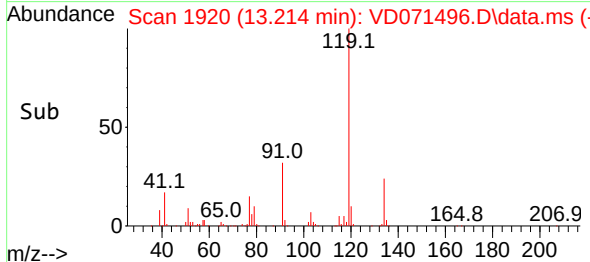
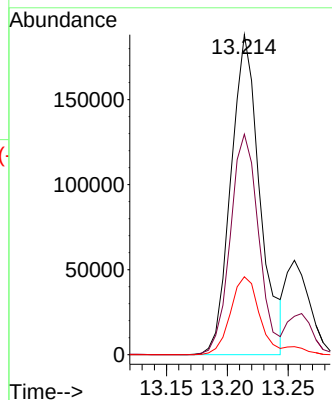
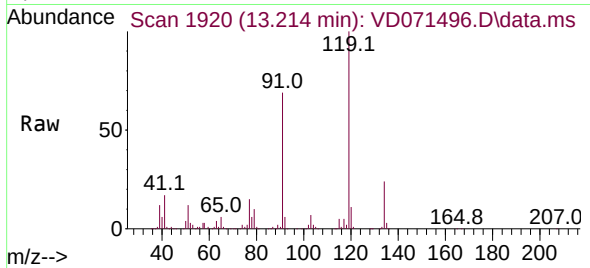




#83
tert-Butylbenzene
Concen: 21.875 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

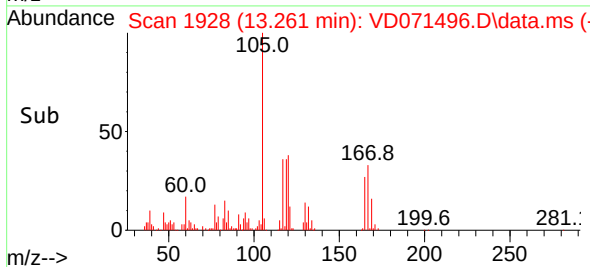
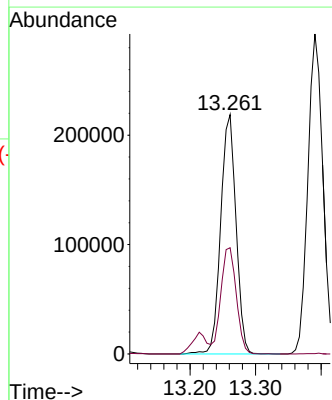
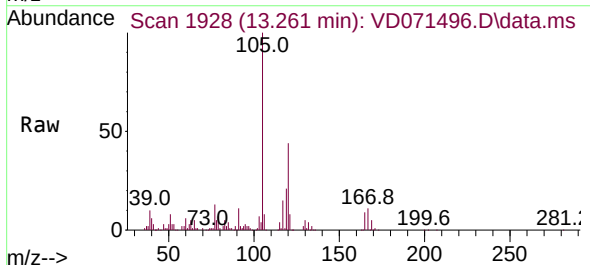
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

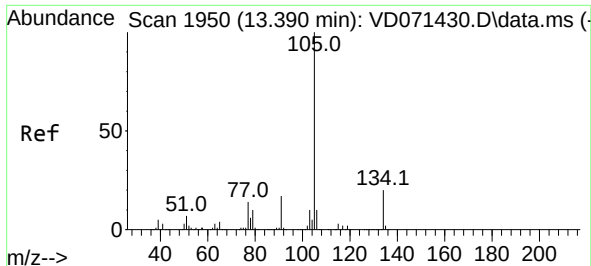
Tgt Ion:119 Resp: 311892
Ion Ratio Lower Upper
119 100
91 67.7 32.5 97.5
134 25.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 21.379 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion:105 Resp: 353043
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.7

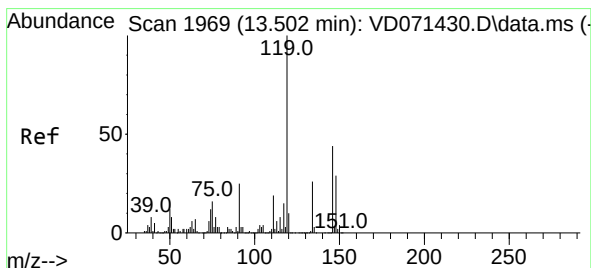
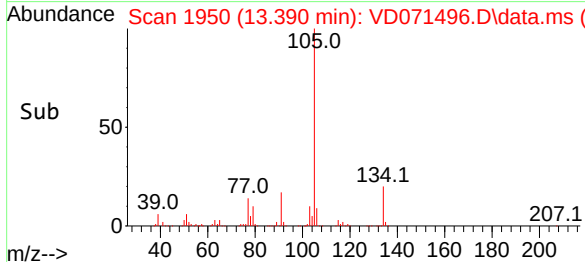
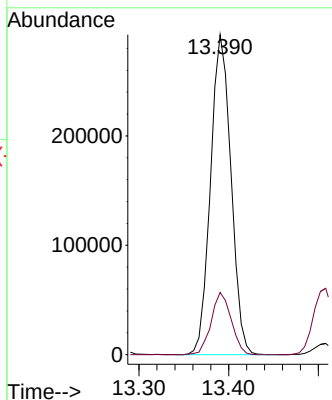
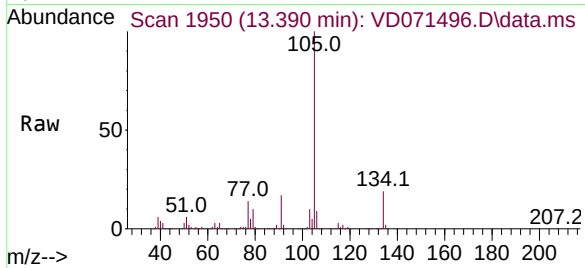




#85
 sec-Butylbenzene
 Concen: 21.287 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071496.D
 Acq: 28 Dec 2021 12:01

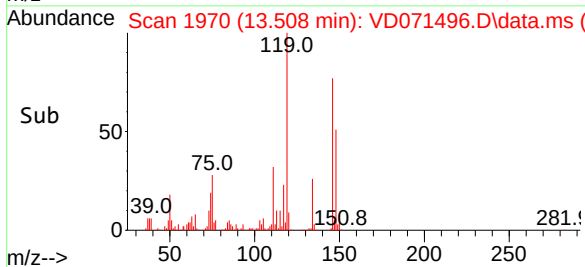
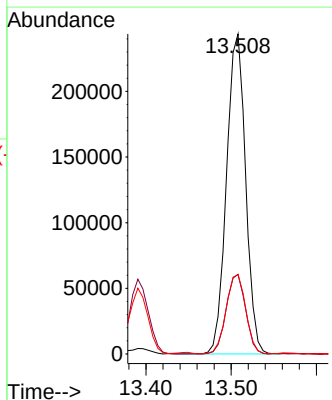
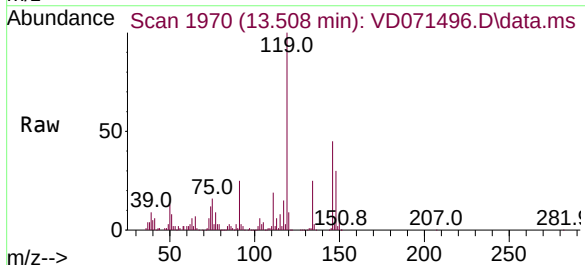
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBSD01

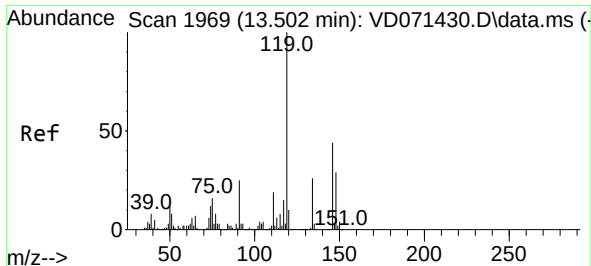
Tgt Ion:105 Resp: 462705
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 21.078 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071496.D
 Acq: 28 Dec 2021 12:01

Tgt Ion:119 Resp: 380153
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 38.9
 91 25.6 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 20.836 ug/l

RT: 13.508 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBSD01

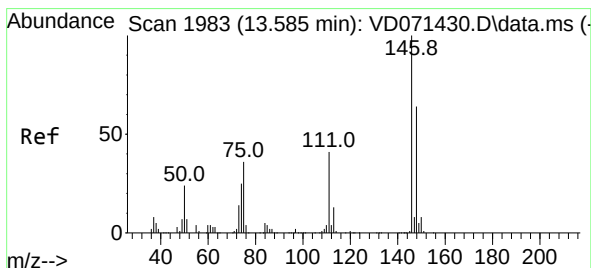
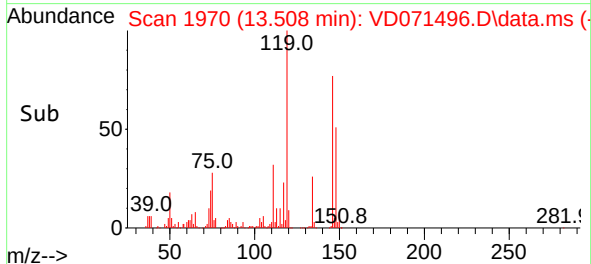
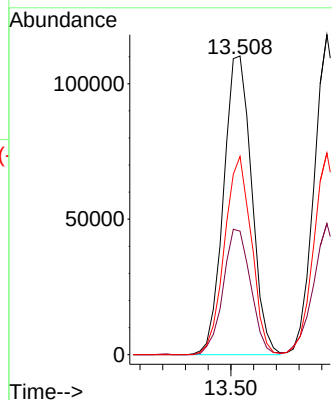
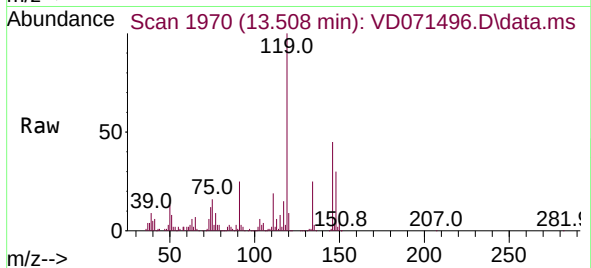
Tgt Ion:146 Resp: 188890

Ion Ratio Lower Upper

146 100

111 41.4 19.8 59.4

148 63.9 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 21.173 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

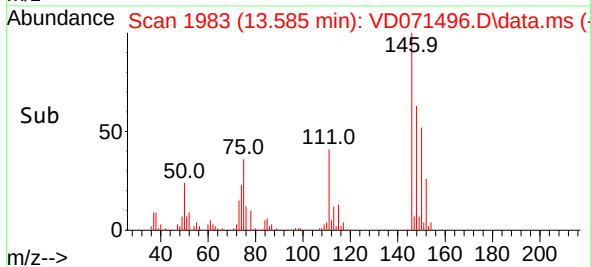
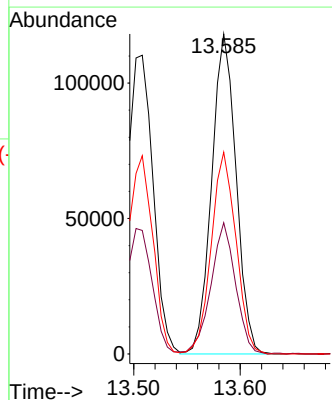
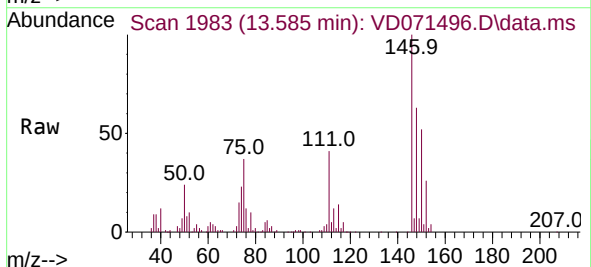
Tgt Ion:146 Resp: 188204

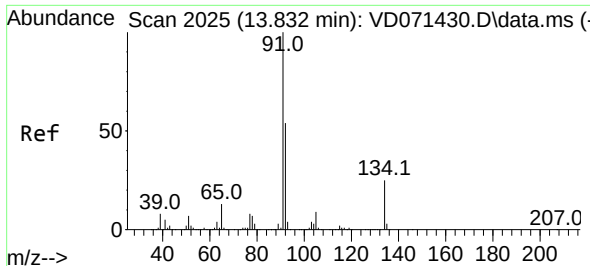
Ion Ratio Lower Upper

146 100

111 41.4 19.6 58.8

148 63.9 31.5 94.5

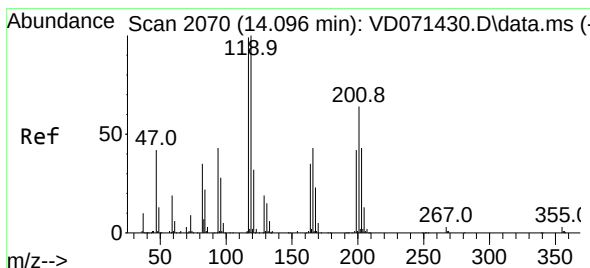
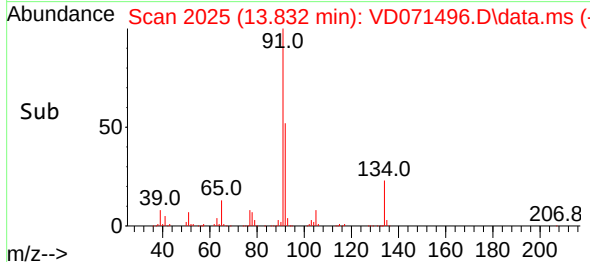
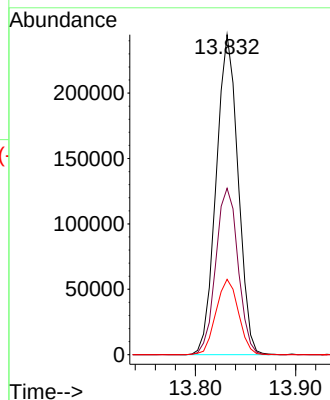
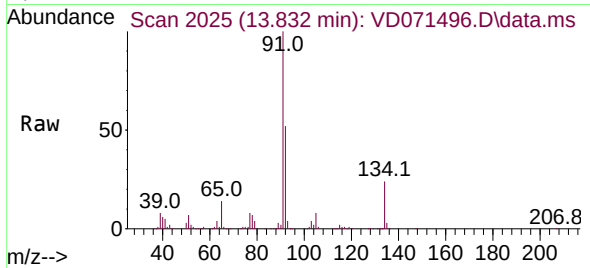




#89
n-Butylbenzene
Concen: 20.928 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

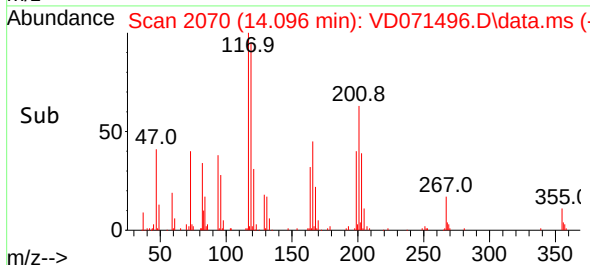
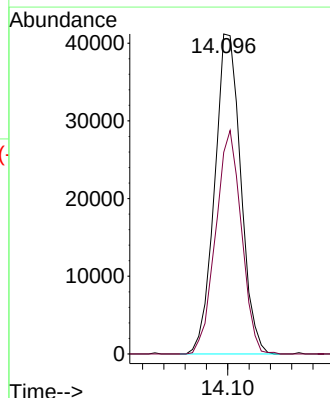
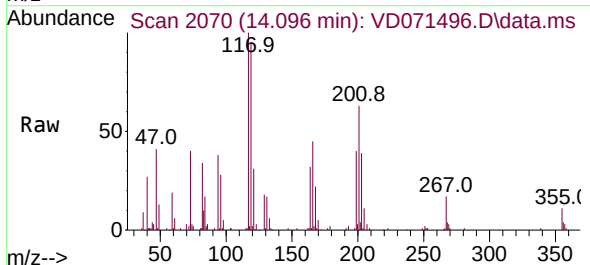
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

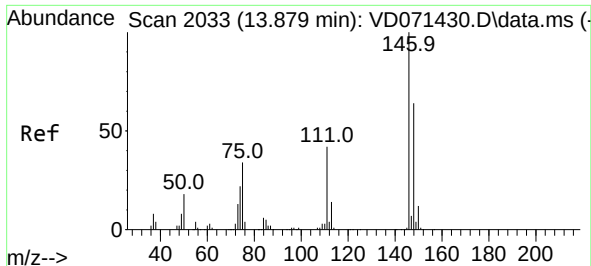
Tgt Ion: 91 Resp: 370457
Ion Ratio Lower Upper
91 100
92 52.9 27.3 81.9
134 24.2 12.3 36.9



#90
Hexachloroethane
Concen: 20.508 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion: 117 Resp: 70067
Ion Ratio Lower Upper
117 100
201 68.8 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 21.126 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

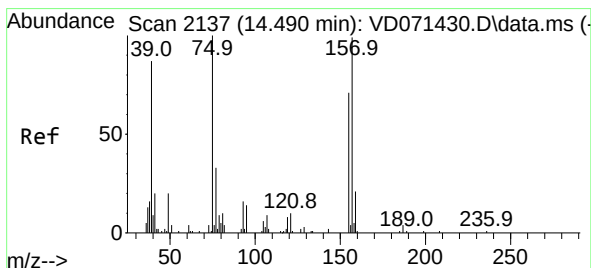
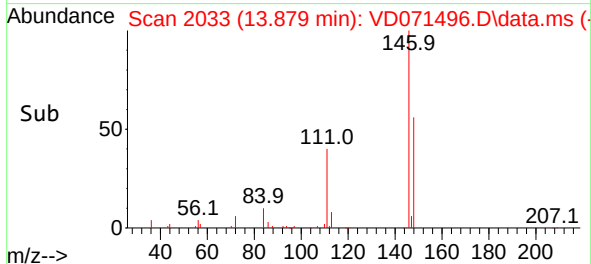
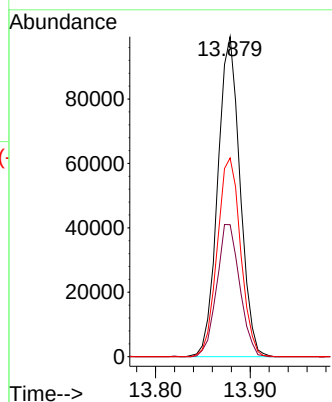
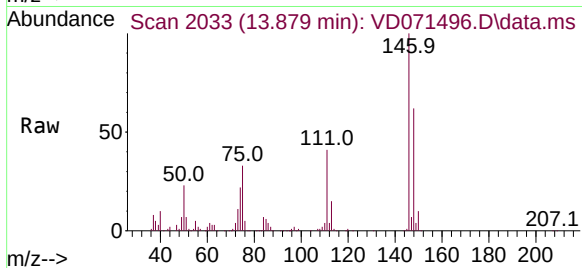
Tgt Ion:146 Resp: 162537

Ion Ratio Lower Upper

146 100

111 42.6 20.8 62.2

148 64.8 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.078 ug/l

RT: 14.496 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VD071496.D

Acq: 28 Dec 2021 12:01

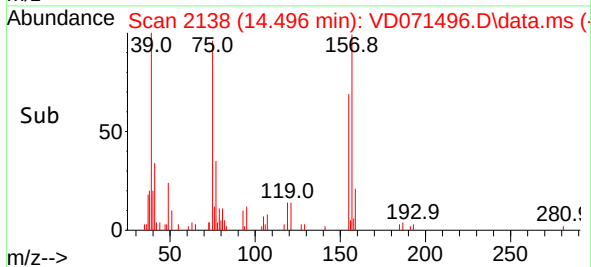
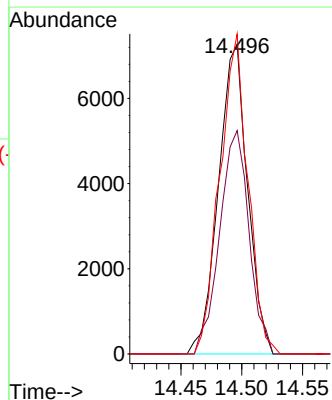
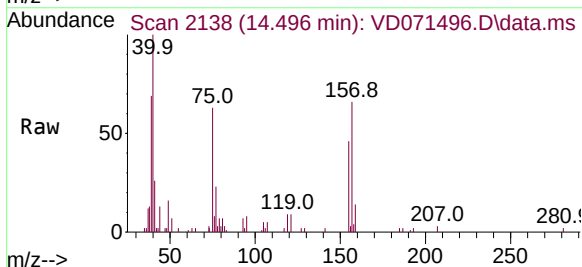
Tgt Ion: 75 Resp: 12100

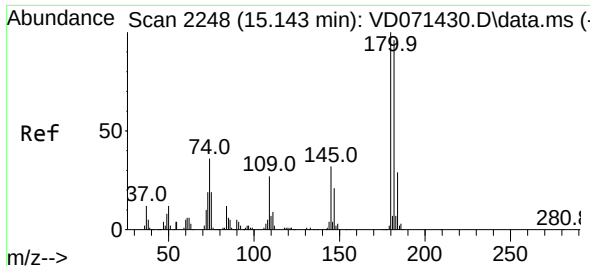
Ion Ratio Lower Upper

75 100

155 72.9 40.0 120.0

157 99.7 49.8 149.3

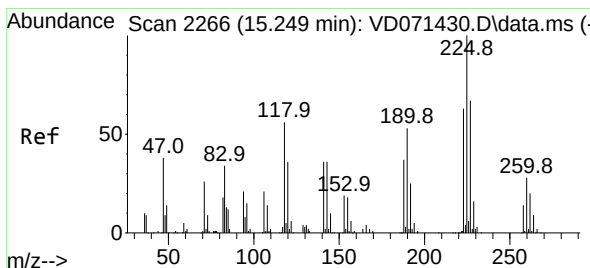
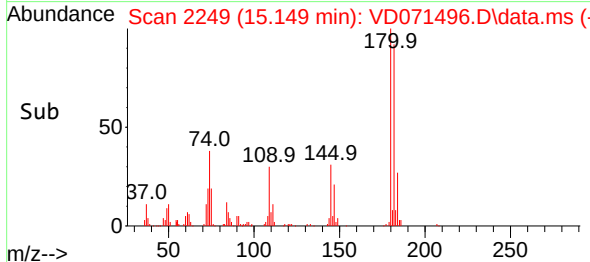
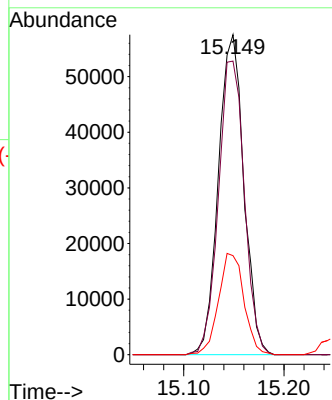
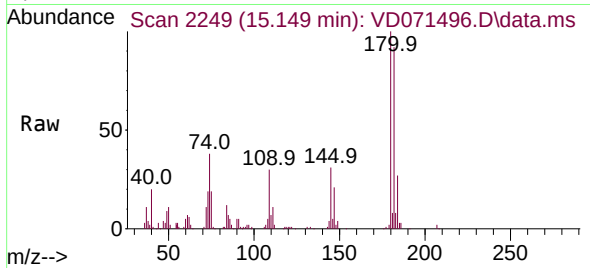




#93
1,2,4-Trichlorobenzene
Concen: 21.577 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

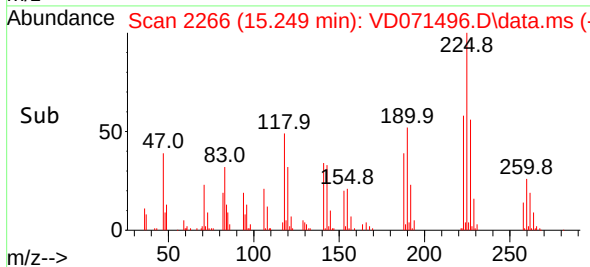
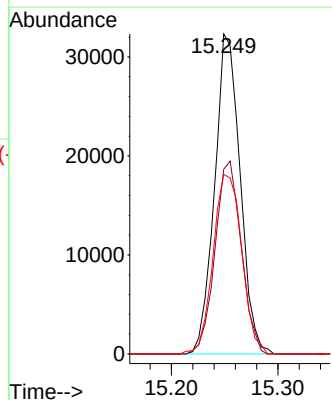
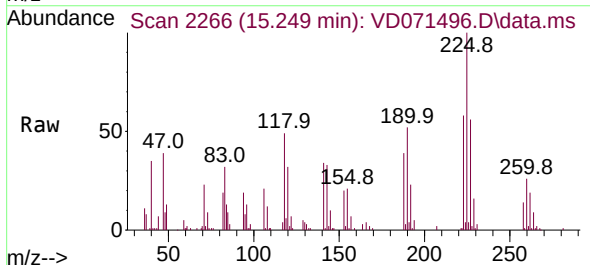
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

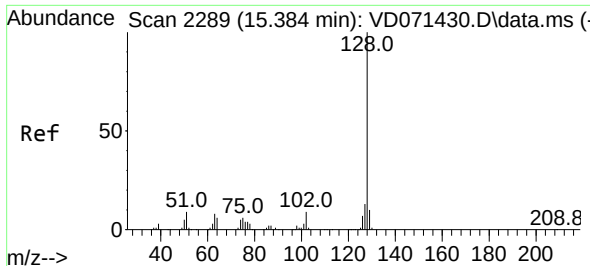
Tgt Ion:180 Resp: 101165
Ion Ratio Lower Upper
180 100
182 93.6 48.2 144.6
145 31.6 15.4 46.2



#94
Hexachlorobutadiene
Concen: 21.395 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion:225 Resp: 53736
Ion Ratio Lower Upper
225 100
223 61.7 31.8 95.3
227 63.1 31.6 94.8

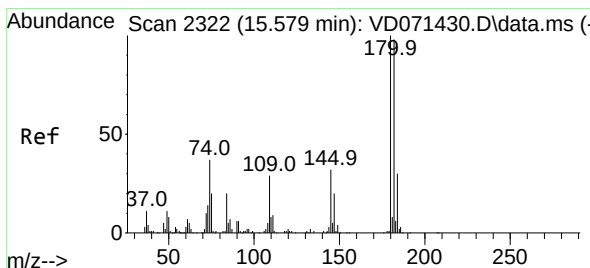
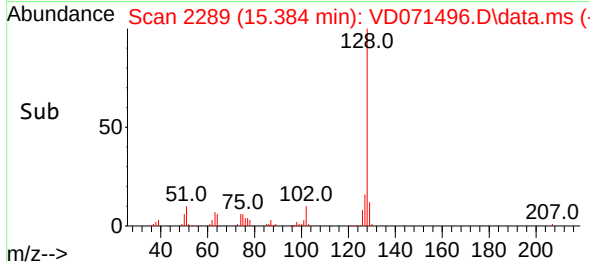
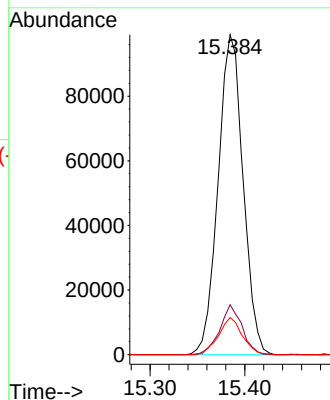
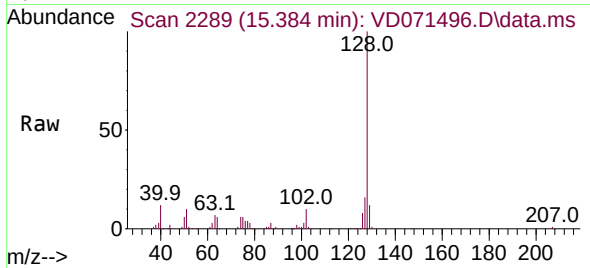




#95
Naphthalene
Concen: 20.335 ug/l
RT: 15.384 min Scan# 2111
Delta R.T. 0.005 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

Tgt Ion:128 Resp: 181476
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.853 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071496.D
Acq: 28 Dec 2021 12:01

Tgt Ion:180 Resp: 84563
Ion Ratio Lower Upper
180 100
182 96.2 46.7 140.1
145 34.7 15.9 47.6

