

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071047.D
 Acq On : 16 Nov 2021 17:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00mL/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 17 03:25:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : Sw846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	240740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	416252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	376003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	168484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	128881	50.28	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	100.56%	
35) Dibromofluoromethane	7.914	113	123957	52.77	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	105.54%	
50) Toluene-d8	10.338	98	454242	49.38	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.626	95	159633	48.20	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	96.40%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	93588	45.50	ug/l	95
3) Chloromethane	2.209	50	133352	54.48	ug/l	99
4) Vinyl Chloride	2.350	62	144968	61.59	ug/l	100
5) Bromomethane	2.773	94	97766	60.94	ug/l	100
6) Chloroethane	2.920	64	99272	65.67	ug/l	88
7) Trichlorofluoromethane	3.279	101	202569	53.47	ug/l	97
8) Diethyl Ether	3.715	74	61296	48.89	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.103	101	119162	51.03	ug/l	96
10) Methyl Iodide	4.303	142	126060	45.73	ug/l	98
11) Tert butyl alcohol	5.214	59	59448	317.35	ug/l #	89
12) 1,1-Dichloroethene	4.067	96	113359	49.59	ug/l	86
13) Acrolein	3.926	56	13021	226.93	ug/l	100
14) Allyl chloride	4.714	41	234577	49.26	ug/l #	84
15) Acrylonitrile	5.420	53	150995	251.70	ug/l	96
16) Acetone	4.156	43	150716	220.29	ug/l	91
17) Carbon Disulfide	4.415	76	333361	45.16	ug/l	98
18) Methyl Acetate	4.720	43	109180	49.65	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	305317	51.74	ug/l	100
20) Methylene Chloride	4.967	84	148173	50.85	ug/l #	86
21) trans-1,2-Dichloroethene	5.473	96	131119	50.04	ug/l	89
22) Diisopropyl ether	6.361	45	481226	50.84	ug/l	93
23) Vinyl Acetate	6.309	43	1164233	232.07	ug/l	98
24) 1,1-Dichloroethane	6.267	63	265048	52.42	ug/l	99
25) 2-Butanone	7.208	43	198642	224.34	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	214349	50.23	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	153079	51.11	ug/l	92
28) Bromochloromethane	7.550	49	113069	52.73	ug/l	88
29) Tetrahydrofuran	7.561	42	125701	241.37	ug/l	93
30) Chloroform	7.708	83	260863	54.27	ug/l	99
31) Cyclohexane	7.985	56	234979	44.58	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	223446	54.12	ug/l	95
36) 1,1-Dichloropropene	8.114	75	197038	53.02	ug/l	97
37) Ethyl Acetate	7.291	43	91045	53.69	ug/l #	93
38) Carbon Tetrachloride	8.097	117	184415	53.88	ug/l	96
39) Methylcyclohexane	9.355	83	239025	49.80	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.350	78	554035	52.93	ug/l	99
41) Methacrylonitrile	7.514	41	58537	48.22	ug/l #	75
42) 1,2-Dichloroethane	8.426	62	169911	57.31	ug/l	94
43) Isopropyl Acetate	8.450	43	182333	50.81	ug/l	91
44) Trichloroethene	9.114	130	141411	52.42	ug/l	97
45) 1,2-Dichloropropane	9.385	63	145575	51.43	ug/l	100
46) Dibromomethane	9.467	93	73217	54.34	ug/l	95
47) Bromodichloromethane	9.661	83	197803	55.51	ug/l	98
48) Methyl methacrylate	9.450	41	90353	51.33	ug/l #	83
49) 1,4-Dioxane	9.461	88	16316	1045.21	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	454809	261.42	ug/l	91
52) Toluene	10.402	92	349210	52.93	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	186662	51.94	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	218991	51.68	ug/l #	78
55) 1,1,2-Trichloroethane	10.797	97	97745	52.79	ug/l	92
56) Ethyl methacrylate	10.655	69	133684	51.02	ug/l #	75
57) 1,3-Dichloropropane	10.944	76	179791	53.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	303768	223.02	ug/l	99
59) 2-Hexanone	10.979	43	310922	229.91	ug/l	90
60) Dibromochloromethane	11.132	129	124522	56.06	ug/l	98
61) 1,2-Dibromoethane	11.238	107	95070	52.78	ug/l	97
64) Tetrachloroethene	10.873	164	116759	53.25	ug/l	95
65) Chlorobenzene	11.667	112	360402	53.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	130238	54.70	ug/l	99
67) Ethyl Benzene	11.738	91	675643	53.18	ug/l	99
68) m/p-Xylenes	11.849	106	511812	107.79	ug/l	97
69) o-Xylene	12.173	106	240887	53.33	ug/l	95
70) Styrene	12.185	104	411570	53.82	ug/l	97
71) Bromoform	12.349	173	66289	53.38	ug/l #	100
73) Isopropylbenzene	12.473	105	645652	53.19	ug/l	100
74) N-amyl acetate	12.279	43	171897	49.57	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	107194	51.31	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	144929	100.70	ug/l #	1
77) Bromobenzene	12.749	156	142072	54.78	ug/l	99
78) n-propylbenzene	12.814	91	798988	53.12	ug/l	99
79) 2-Chlorotoluene	12.896	91	446081	52.02	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	534375	53.47	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	31826	43.09	ug/l #	77
82) 4-Chlorotoluene	12.996	91	458898	51.85	ug/l	100
83) tert-Butylbenzene	13.214	119	454462	52.79	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	518394	52.97	ug/l	98
85) sec-Butylbenzene	13.390	105	695513	53.74	ug/l	99
86) p-Isopropyltoluene	13.508	119	570729	54.92	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	274826	54.20	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	270793	53.34	ug/l	97
89) n-Butylbenzene	13.832	91	563387	53.94	ug/l	99
90) Hexachloroethane	14.096	117	105002	51.06	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	235599	53.62	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	17301	50.49	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	150187	53.43	ug/l	99
94) Hexachlorobutadiene	15.249	225	83179	58.67	ug/l	98
95) Naphthalene	15.385	128	277775	51.75	ug/l	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.579	180	127878	54.10	ug/l	98

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

Abundance Scan 1030 (7.979 min): VD070947.D\data.ms (-1010) (-)

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan#

Delta R.T. 0.000 min

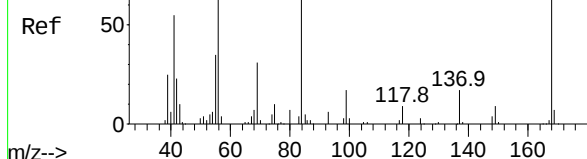
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

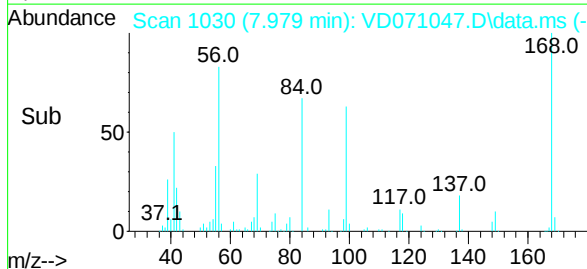
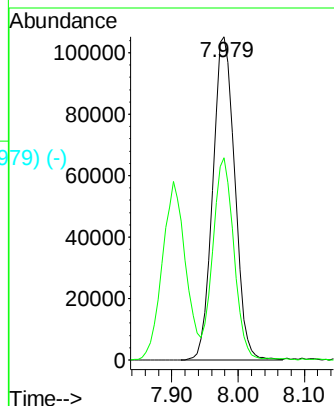
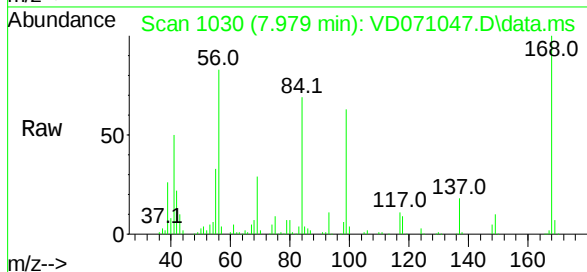


Tgt Ion:168 Resp: 240740

Ion Ratio Lower Upper

168 100

99 62.3 46.6 69.8



Abundance Scan 12 (1.991 min): VD070947.D\data.ms (-5) (-) #2

Dichlorodifluoromethane

Concen: 45.50 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD071047.D

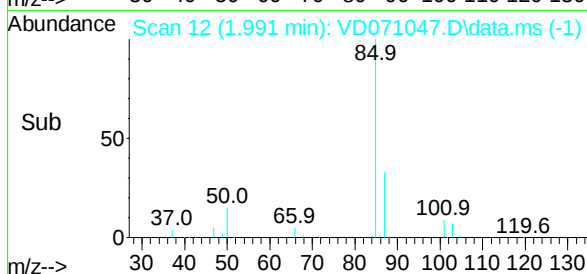
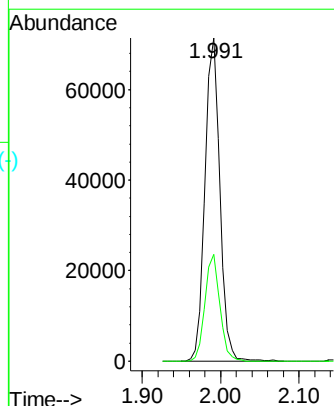
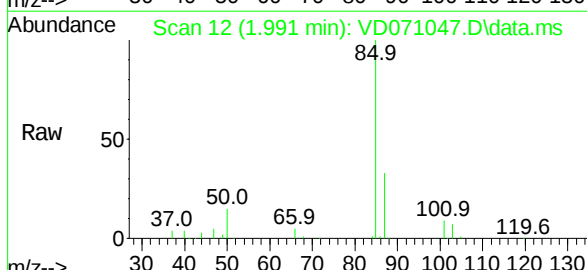
Acq: 16 Nov 2021 17:57

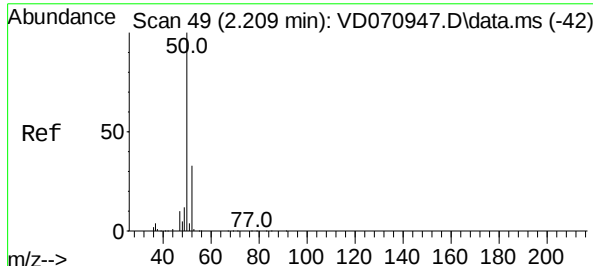
Tgt Ion: 85 Resp: 93588

Ion Ratio Lower Upper

85 100

87 33.0 15.2 45.6

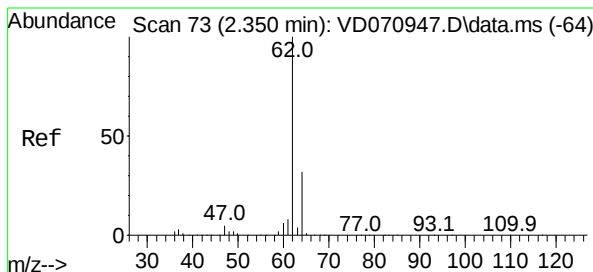
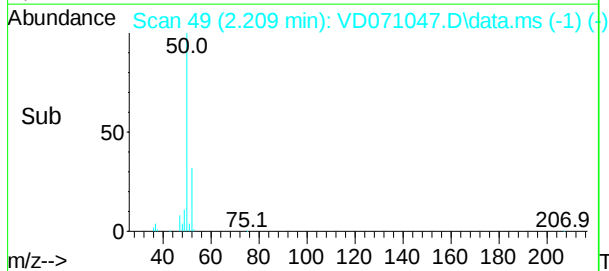
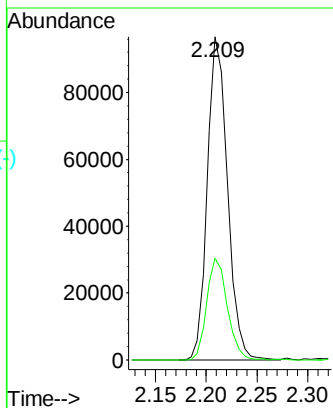
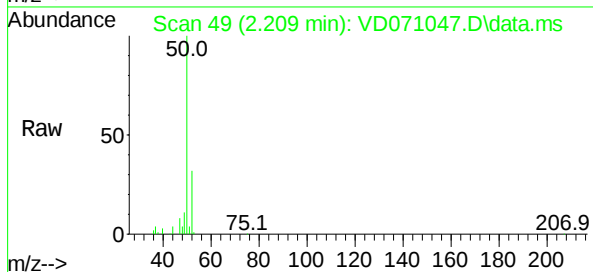




Chloromethane
 Concen: 54.48 ug/l
 RT: 2.209 min Scan# 49
 Delta R.T. -0.000 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

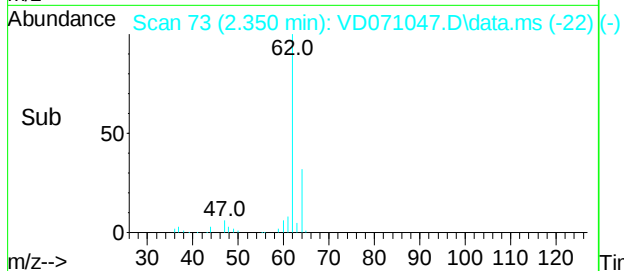
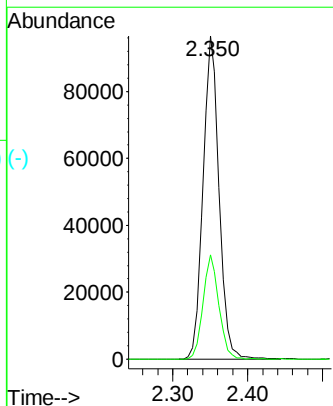
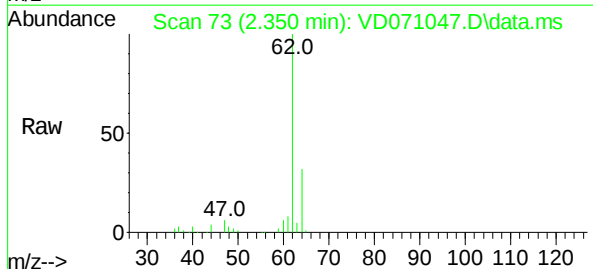
Instrument : MSVOA_D
 ClientSampleId :

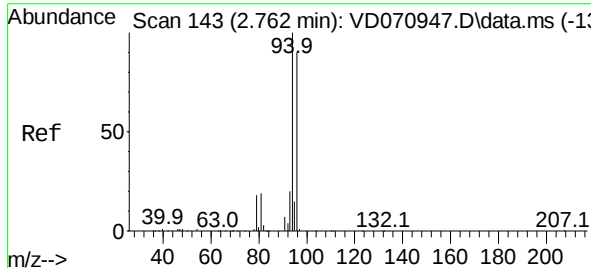
Tgt Ion: 50 Resp: 133352
 Ion Ratio Lower Upper
 50 100
 52 31.5 25.8 38.8



Vinyl Chloride
 Concen: 61.59 ug/l
 RT: 2.350 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

Tgt Ion: 62 Resp: 144968
 Ion Ratio Lower Upper
 62 100
 64 32.2 26.0 39.0





Bromomethane

Concen: 60.94 ug/l

RT: 2.773 min Scan# 143

Delta R.T. 0.011 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

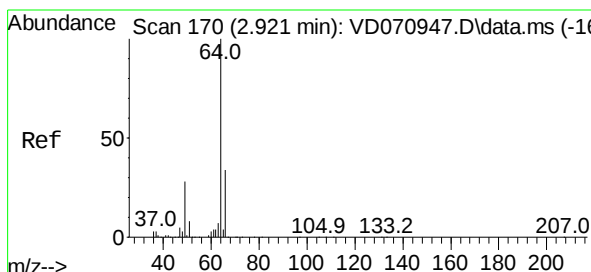
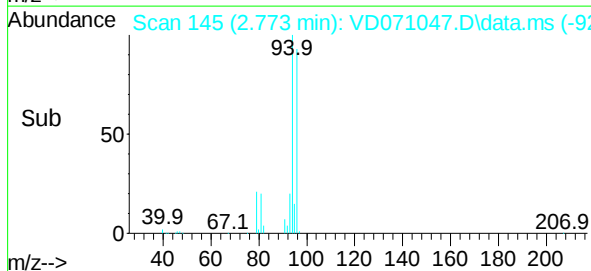
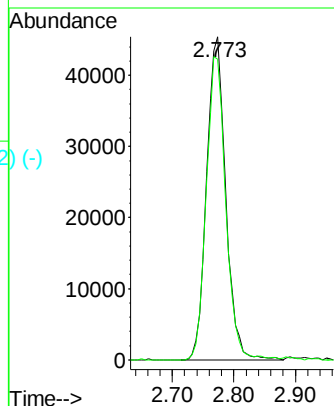
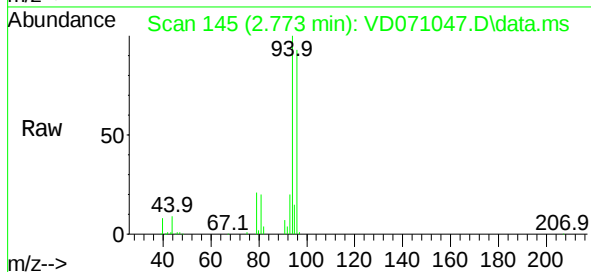
ClientSampleId :

Tgt Ion: 94 Resp: 97766

Ion Ratio Lower Upper

94 100

96 93.1 74.8 112.2



Chloroethane

Concen: 65.67 ug/l

RT: 2.920 min Scan# 170

Delta R.T. -0.001 min

Lab File: VD071047.D

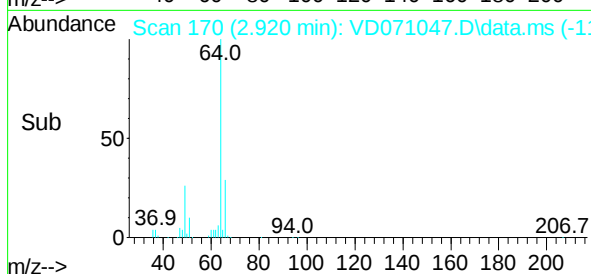
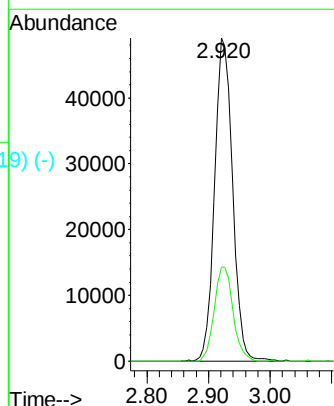
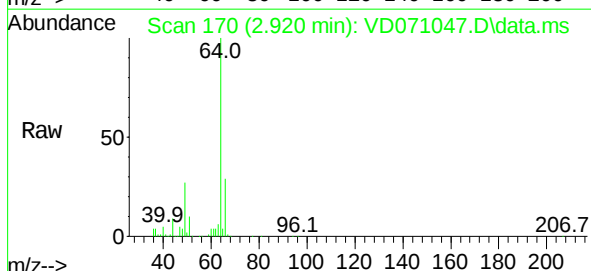
Acq: 16 Nov 2021 17:57

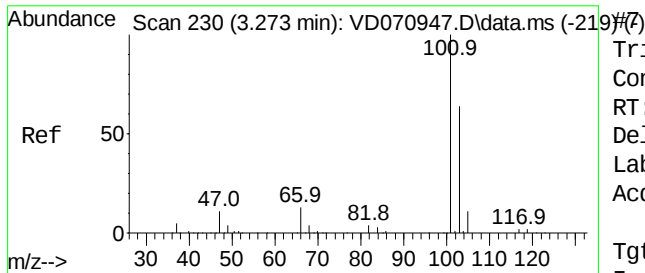
Tgt Ion: 64 Resp: 99272

Ion Ratio Lower Upper

64 100

66 29.1 29.0 43.4

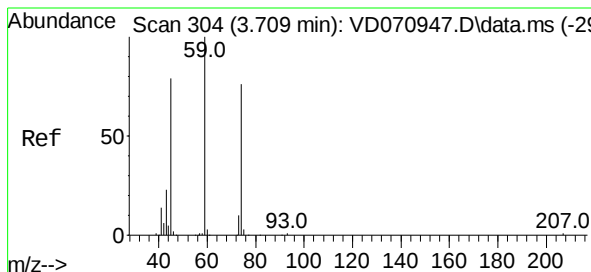
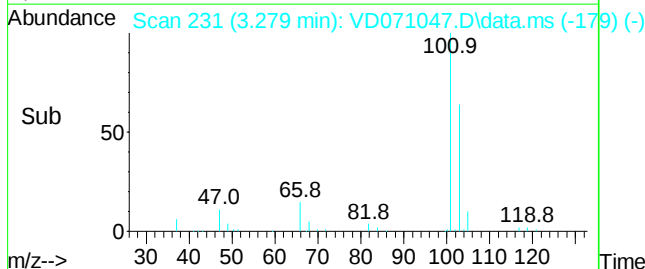
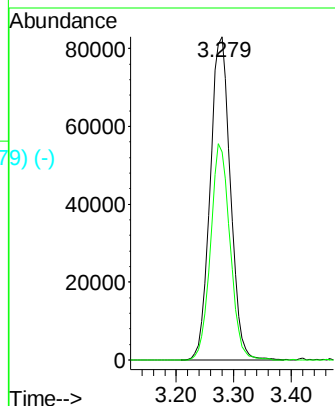
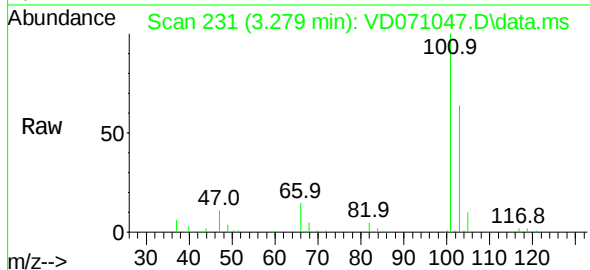




Trichlorofluoromethane
 Concen: 53.47 ug/l
 RT: 3.279 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VD071047.D
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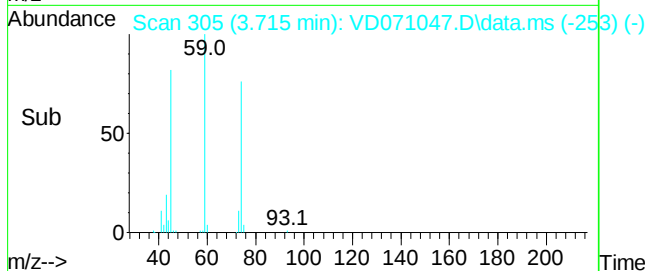
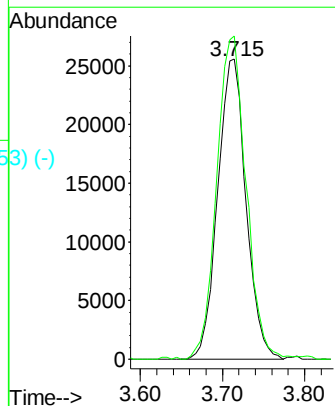
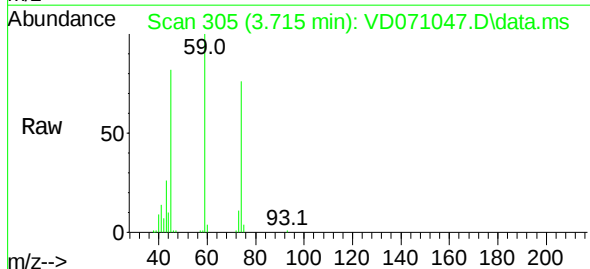
Instrument :
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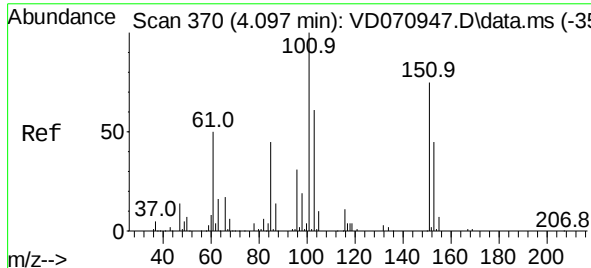
Tgt Ion: 101 Resp: 202569
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.7 74.5



Diethyl Ether
 Concen: 48.89 ug/l
 RT: 3.715 min Scan# 305
 Delta R.T. 0.006 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

Tgt Ion: 74 Resp: 61296
 Ion Ratio Lower Upper
 74 100
 45 112.1 49.6 149.0





1,1,2-Trichlorotrifluoroethane

Concen: 51.03 ug/l

RT: 4.103 min Scan# 405

Delta R.T. 0.006 min MSVOA_D

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

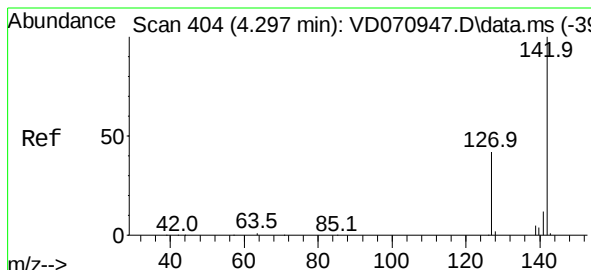
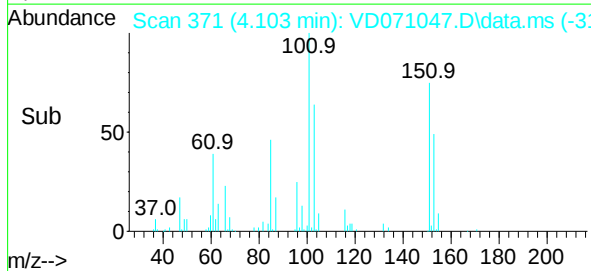
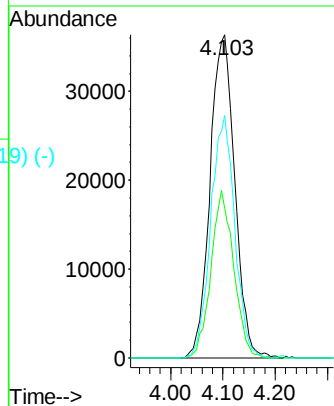
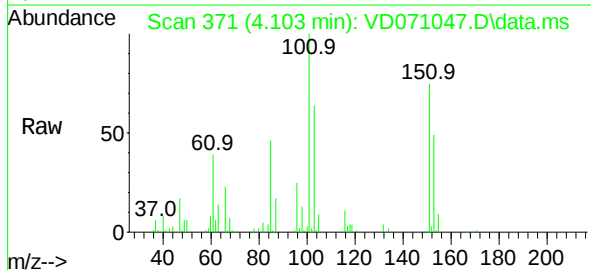
Tgt Ion:101 Resp: 119162

Ion Ratio Lower Upper

101 100

85 47.7 34.8 52.2

151 72.9 60.4 90.6



Methyl Iodide

Concen: 45.73 ug/l

RT: 4.303 min Scan# 405

Delta R.T. 0.006 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

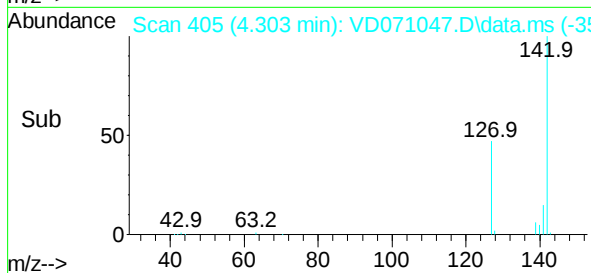
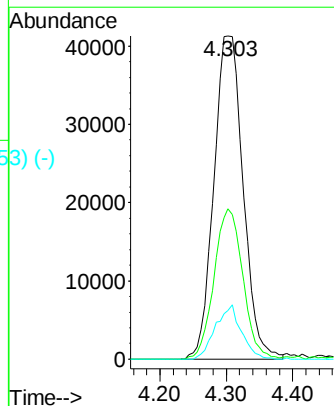
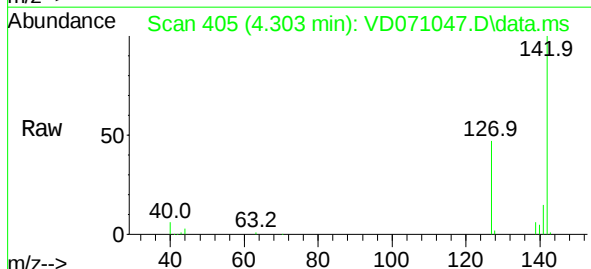
Tgt Ion:142 Resp: 126060

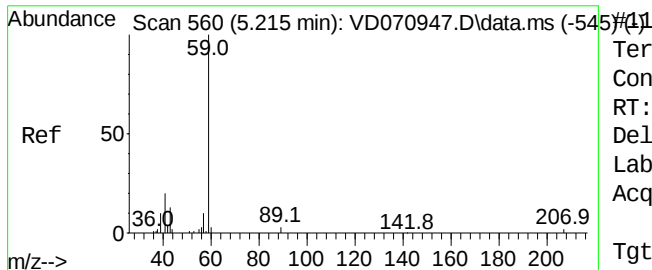
Ion Ratio Lower Upper

142 100

127 45.6 35.0 52.4

141 14.8 12.0 18.0

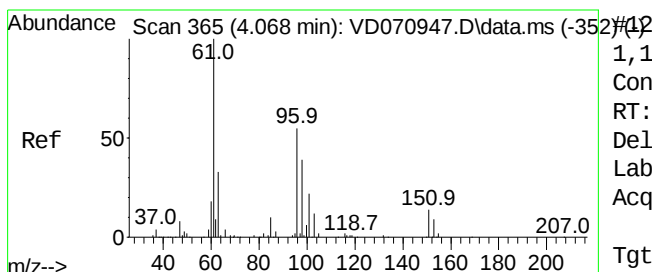
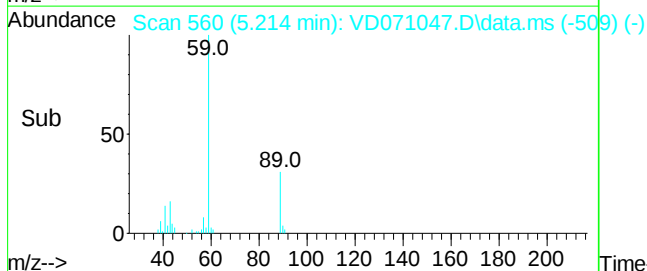
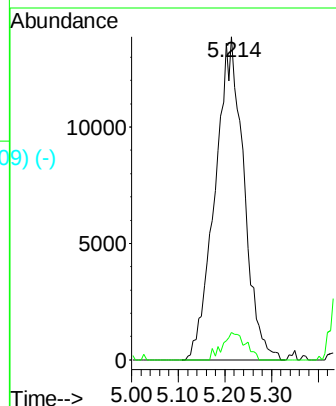
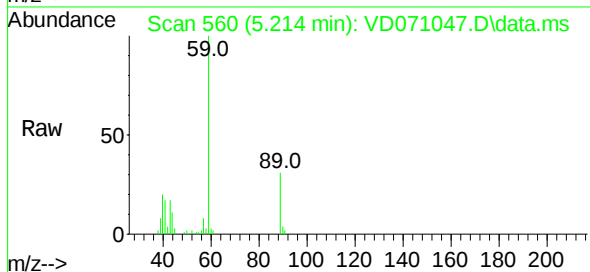




Tert butyl alcohol
Concen: 317.35 ug/l
RT: 5.214 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

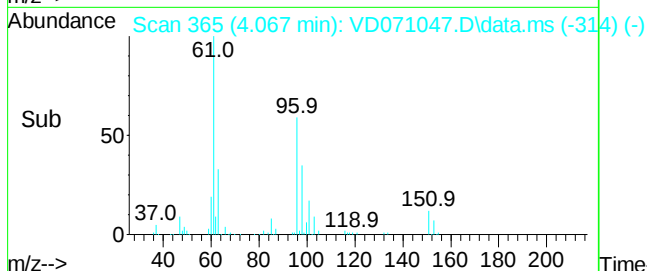
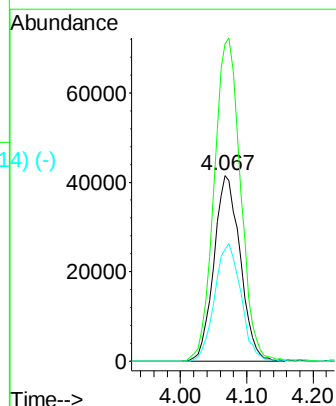
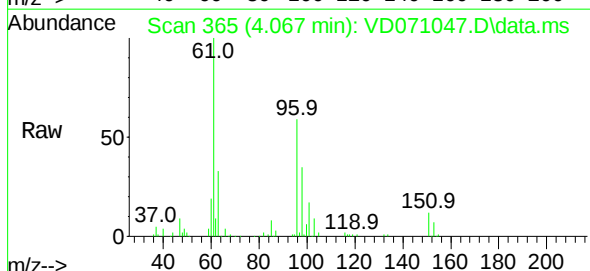
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 59448
Ion Ratio Lower Upper
59 100
57 6.9 9.0 13.4#

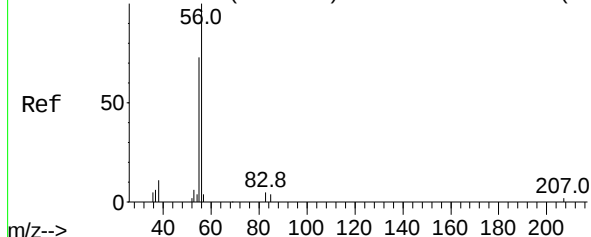


1,1-Dichloroethene
Concen: 49.59 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion: 96 Resp: 113359
Ion Ratio Lower Upper
96 100
61 170.9 120.3 180.5
98 60.3 54.4 81.6



Abundance Scan 341 (3.926 min): VD070947.D\data.ms (-329) #13



Acrolein

Concen: 226.93 ug/l

RT: 3.926 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

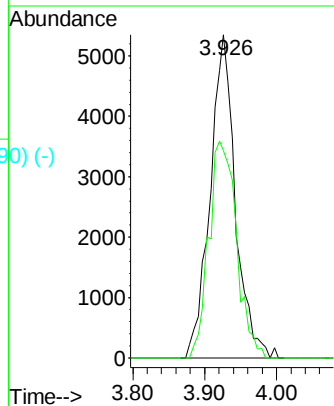
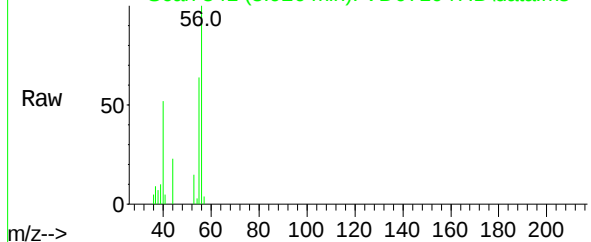
Tgt Ion: 56 Resp: 13021

Ion Ratio Lower Upper

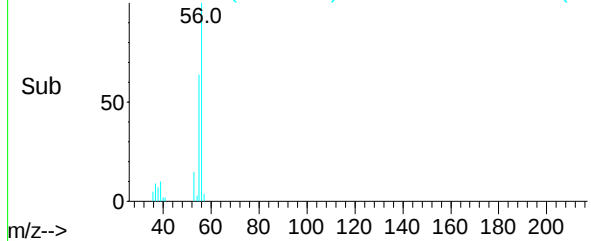
56 100

55 73.6 58.6 87.8

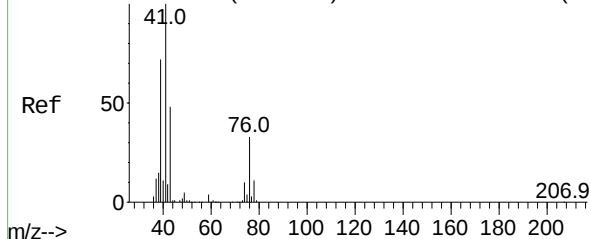
Abundance Scan 341 (3.926 min): VD071047.D\data.ms



Abundance Scan 341 (3.926 min): VD071047.D\data.ms (-290) (-)



Abundance Scan 475 (4.715 min): VD070947.D\data.ms (-453) #14



Allyl chloride

Concen: 49.26 ug/l

RT: 4.714 min Scan# 475

Delta R.T. -0.001 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Tgt Ion: 41 Resp: 234577

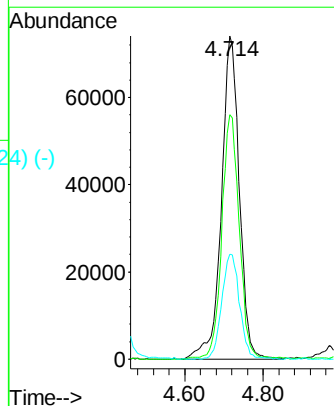
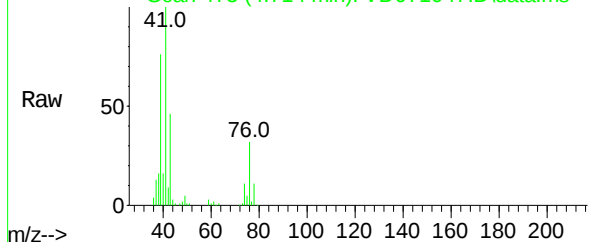
Ion Ratio Lower Upper

41 100

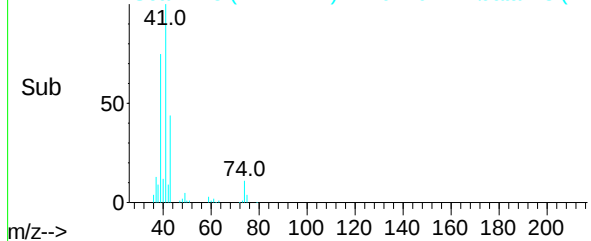
39 71.7 45.6 68.4#

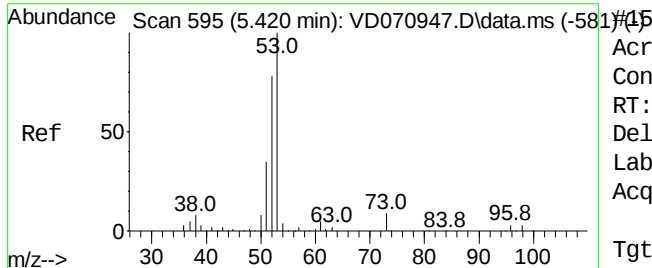
76 32.3 30.2 45.4

Abundance Scan 475 (4.714 min): VD071047.D\data.ms



Abundance Scan 475 (4.714 min): VD071047.D\data.ms (-424) (-)





Acrylonitrile

Concen: 251.70 ug/l

RT: 5.420 min Scan# 15

Delta R.T. 0.000 min

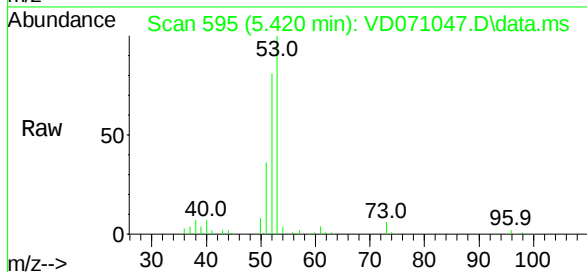
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :



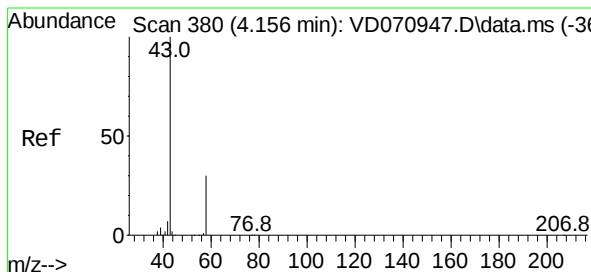
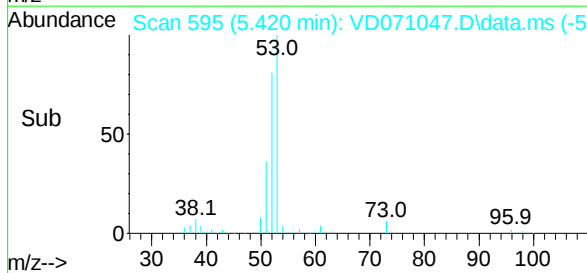
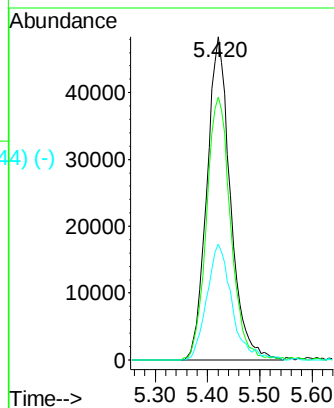
Tgt Ion: 53 Resp: 150995

Ion Ratio Lower Upper

53 100

52 83.4 63.8 95.8

51 38.2 28.5 42.7



Acetone

Concen: 220.29 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD071047.D

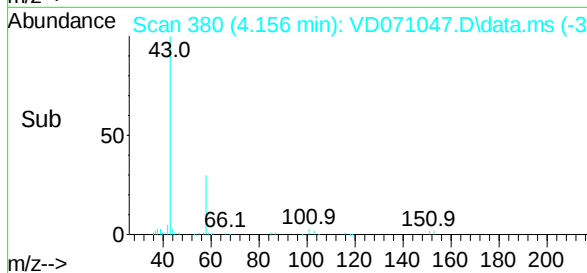
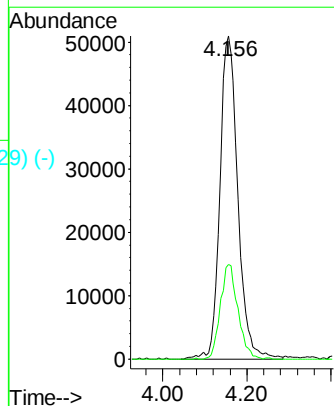
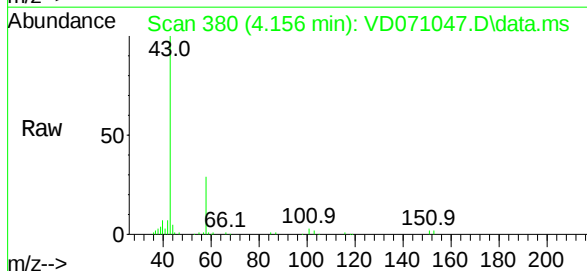
Acq: 16 Nov 2021 17:57

Tgt Ion: 43 Resp: 150716

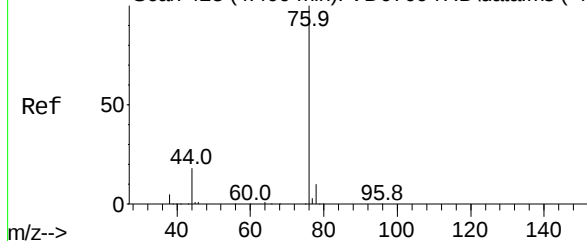
Ion Ratio Lower Upper

43 100

58 29.4 27.8 41.8



Abundance Scan 423 (4.409 min): VD070947.D\data.ms (-409) #17



Carbon Disulfide

Concen: 45.16 ug/l

RT: 4.415 min Scan# 417

Delta R.T. 0.006 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

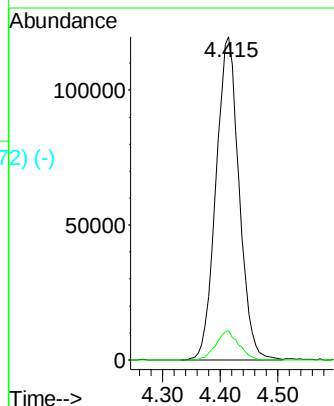
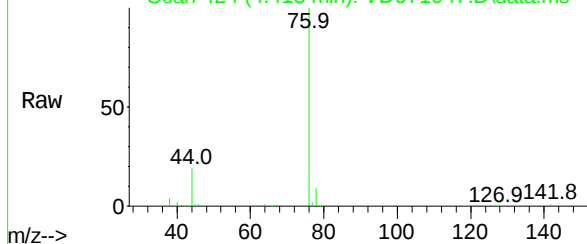
Tgt Ion: 76 Resp: 333361

Ion Ratio Lower Upper

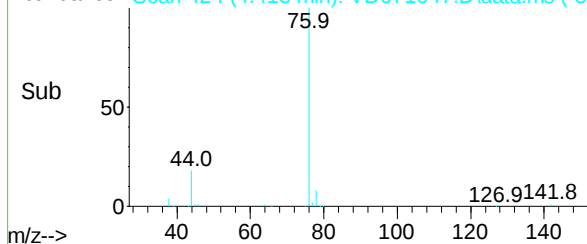
76 100

78 9.0 7.8 11.8

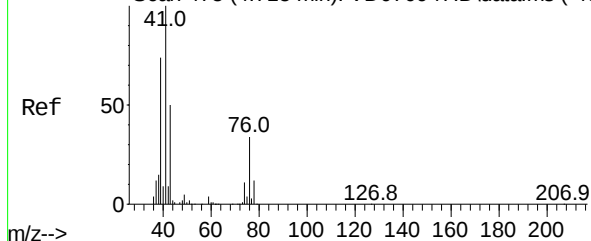
Abundance Scan 424 (4.415 min): VD071047.D\data.ms



Abundance Scan 424 (4.415 min): VD071047.D\data.ms (-372) (-)



Abundance Scan 475 (4.715 min): VD070947.D\data.ms (-462) #18



Methyl Acetate

Concen: 49.65 ug/l

RT: 4.720 min Scan# 476

Delta R.T. 0.005 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

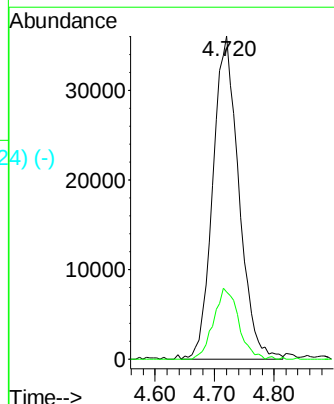
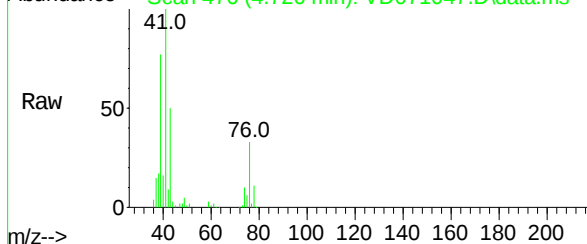
Tgt Ion: 43 Resp: 109180

Ion Ratio Lower Upper

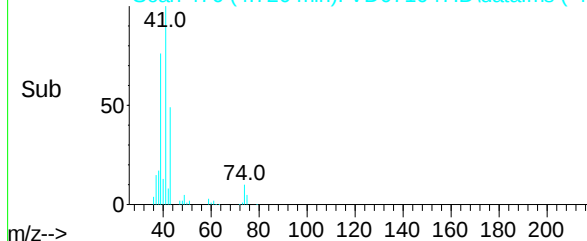
43 100

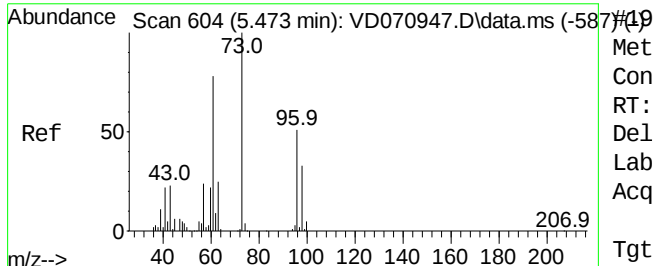
74 21.0 19.3 28.9

Abundance Scan 476 (4.720 min): VD071047.D\data.ms



Abundance Scan 476 (4.720 min): VD071047.D\data.ms (-424) (-)

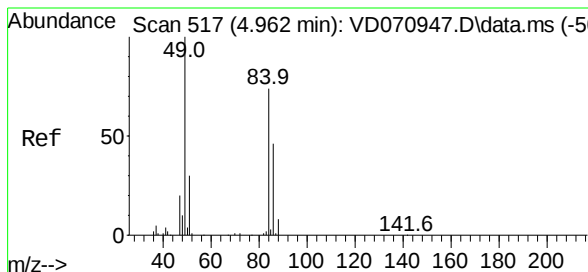
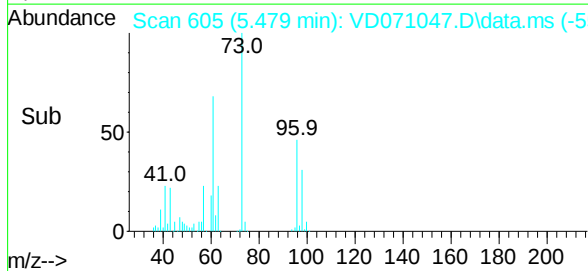
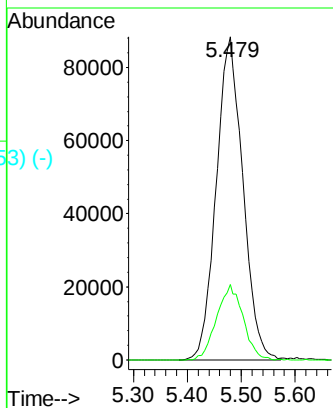
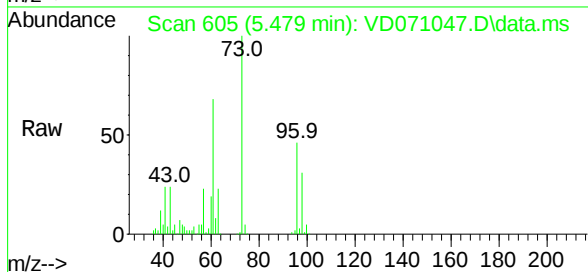




Methyl tert-butyl Ether
 Concen: 51.74 ug/l
 RT: 5.479 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

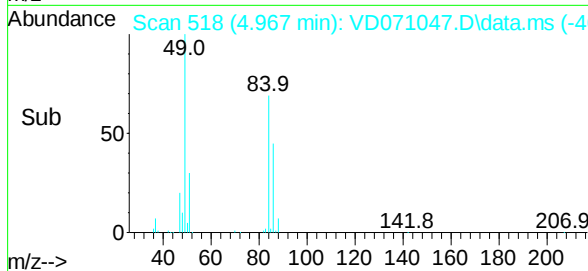
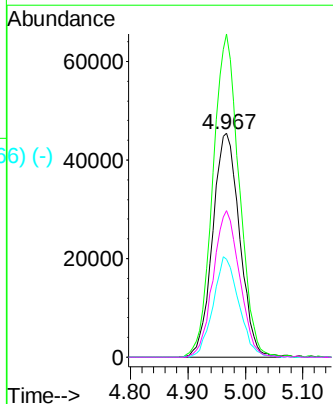
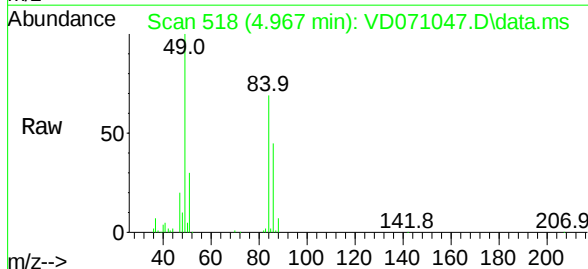
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 73 Resp: 305317
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.9 28.3



Methylene Chloride
 Concen: 50.85 ug/l
 RT: 4.967 min Scan# 518
 Delta R.T. 0.005 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

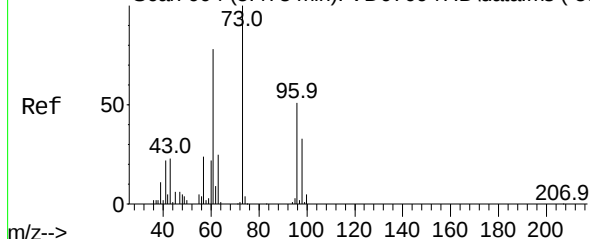
Tgt Ion: 84 Resp: 148173
 Ion Ratio Lower Upper
 84 100
 49 144.5 95.8 143.6#
 51 43.7 30.9 46.3
 86 65.5 50.3 75.5



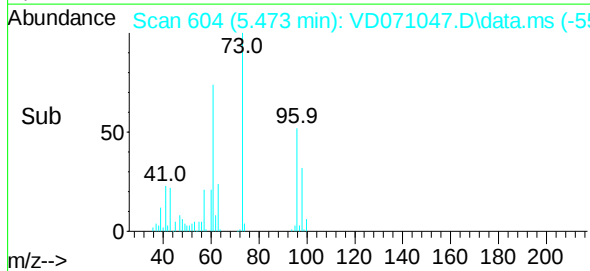
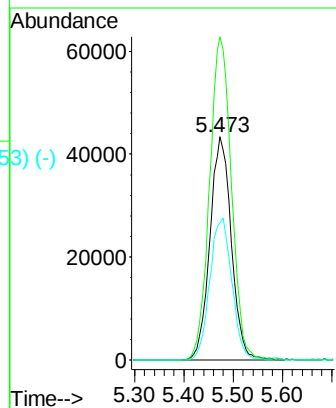
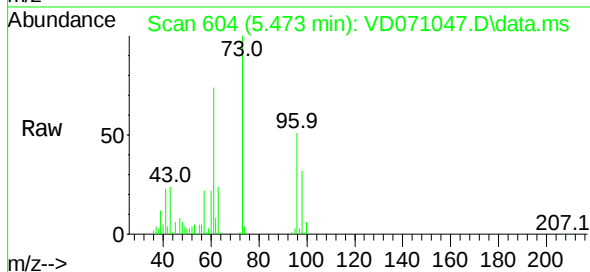
Abundance Scan 604 (5.473 min): VD070947.D\data.ms (-588) #21

trans-1,2-Dichloroethene
Concen: 50.04 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :



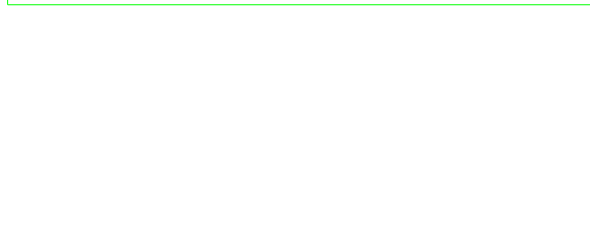
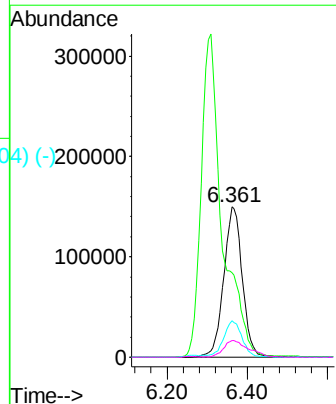
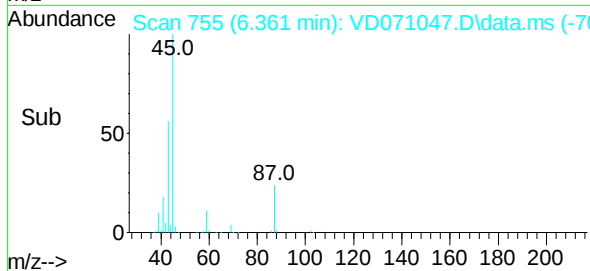
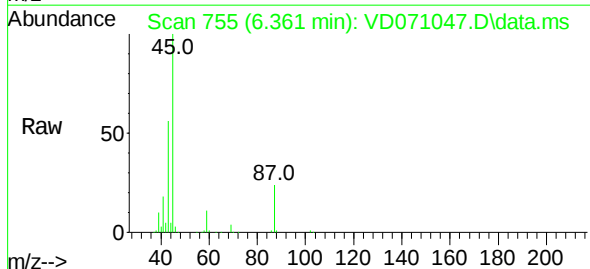
Tgt Ion:	96	Resp:	131119
Ion	Ratio	Lower	Upper
96	100		
61	144.8	102.1	153.1
98	61.4	50.1	75.1



Abundance Scan 755 (6.362 min): VD070947.D\data.ms (-732) #22

Diisopropyl ether
Concen: 50.84 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion:	45	Resp:	481226
Ion	Ratio	Lower	Upper
45	100		
43	56.0	39.6	59.4
87	24.3	21.2	31.8
59	10.9	9.0	13.6



Abundance Scan 745 (6.303 min): VD070947.D\data.ms (-728) #23

Vinyl Acetate

Concen: 232.07 ug/l

RT: 6.309 min Scan#

Delta R.T. 0.006 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43 Resp: 1164233

Ion Ratio Lower Upper

43 100

86 9.5 8.2 12.4

Abundance Scan 746 (6.309 min): VD071047.D\data.ms

Ref 50

m/z-->

43.0

86.0

206.9

Raw 50

m/z-->

43.0

86.0

m/z-->

Abundance Scan 746 (6.309 min): VD071047.D\data.ms (-694) (-)

Sub 50

m/z-->

43.0

86.0

m/z-->

Abundance

300000

200000

100000

0

6.20 6.40

Time-->

Abundance Scan 738 (6.262 min): VD070947.D\data.ms (-723) #24

1,1-Dichloroethane

Concen: 52.42 ug/l

RT: 6.267 min Scan# 739

Delta R.T. 0.005 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Tgt Ion: 63 Resp: 265048

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.6

100 4.4 2.1 6.3

Abundance Scan 739 (6.267 min): VD071047.D\data.ms

Ref 50

m/z-->

63.0

97.9

206.8

Raw 50

m/z-->

39.9

97.9

m/z-->

Abundance Scan 739 (6.267 min): VD071047.D\data.ms (-687) (-)

Sub 50

m/z-->

63.0

97.9

m/z-->

Abundance

80000

60000

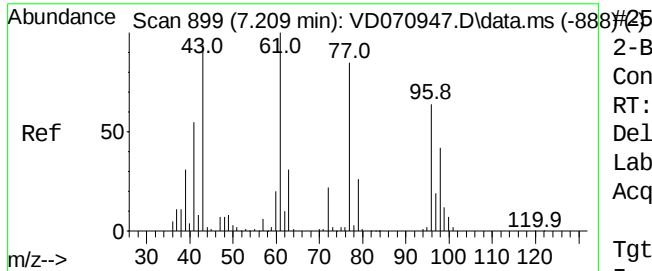
40000

20000

0

6.10 6.20 6.30 6.40

Time-->



2-Butanone

Concen: 224.34 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.001 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

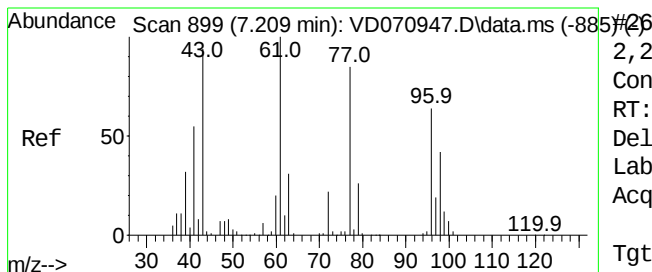
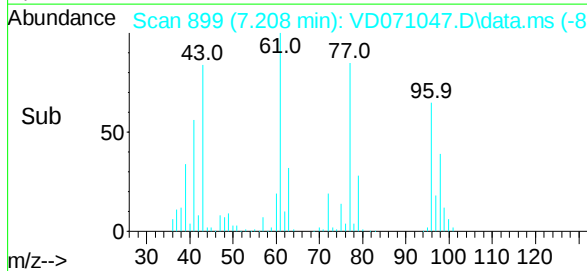
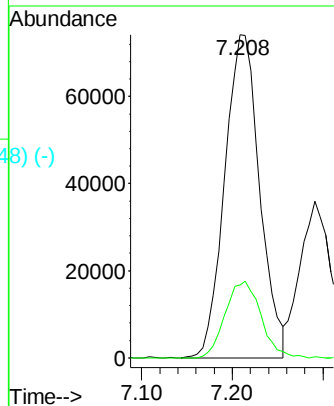
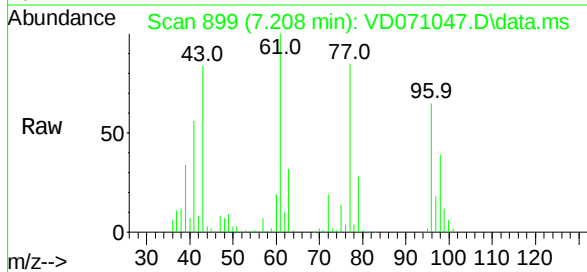
ClientSampleId :

Tgt Ion: 43 Resp: 198642

Ion Ratio Lower Upper

43 100

72 22.6 23.8 35.6#



2,2-Dichloropropane

Concen: 50.23 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.001 min

Lab File: VD071047.D

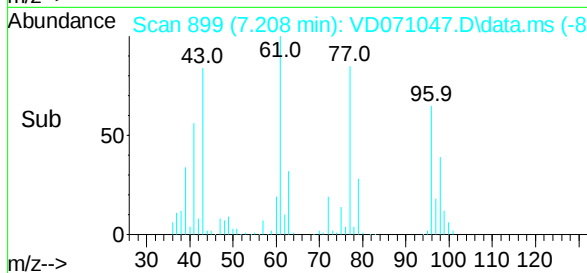
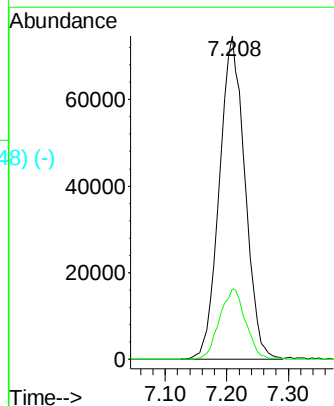
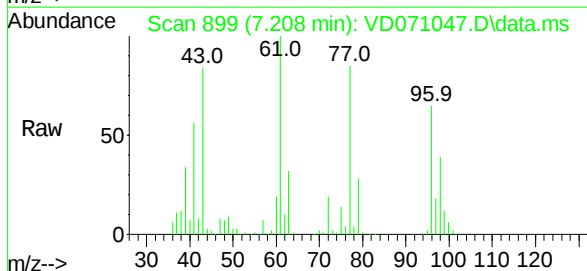
Acq: 16 Nov 2021 17:57

Tgt Ion: 77 Resp: 214349

Ion Ratio Lower Upper

77 100

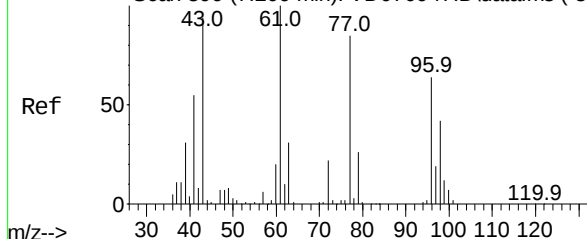
97 22.2 11.9 35.5



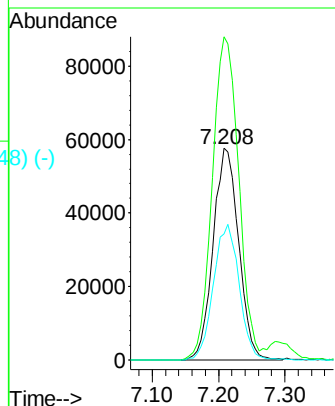
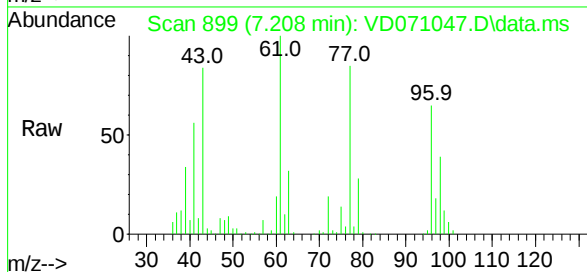
Abundance Scan 899 (7.209 min): VD070947.D\data.ms (-886) #27

cis-1,2-Dichloroethene
Concen: 51.11 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

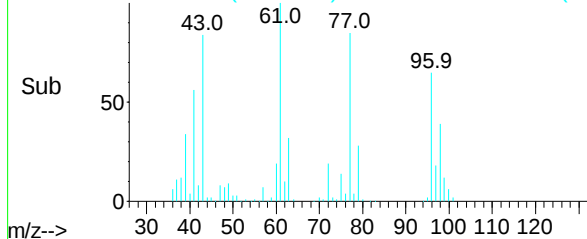
Instrument : MSVOA_D
ClientSampleId :



Tgt Ion:	96	Resp:	153079
Ion	Ratio	Lower	Upper
96	100		
61	159.2	0.0	288.6
98	64.3	0.0	129.2



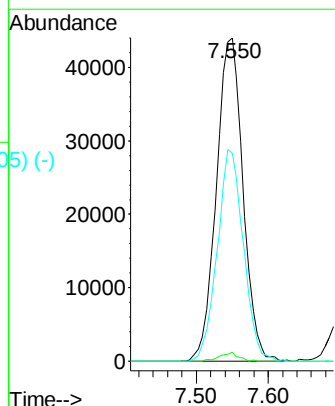
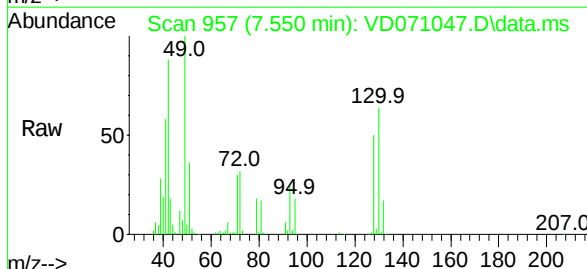
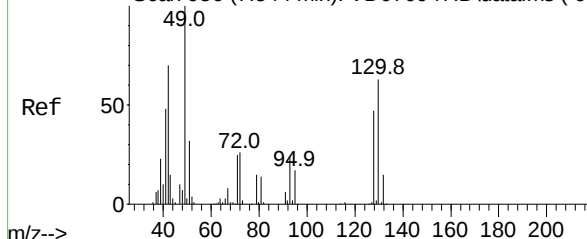
Abundance Scan 899 (7.208 min): VD071047.D\data.ms (-848) (-)



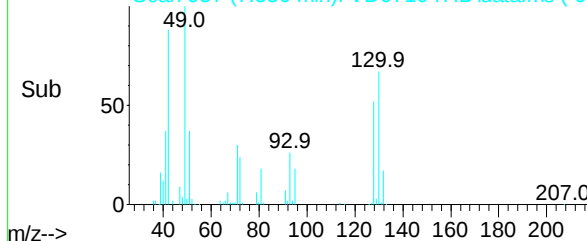
Abundance Scan 956 (7.544 min): VD070947.D\data.ms (-944) #28

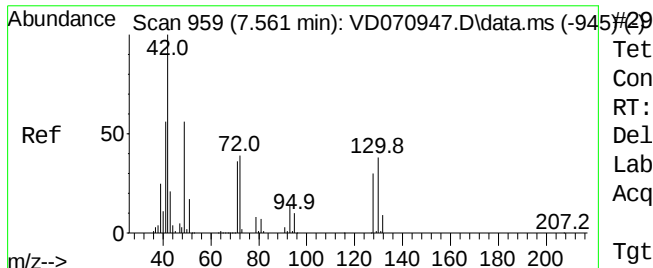
Bromochloromethane
Concen: 52.73 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion:	49	Resp:	113069
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	64.3	60.2	90.2



Abundance Scan 957 (7.550 min): VD071047.D\data.ms (-905) (-)





Tetrahydrofuran

Concen: 241.37 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

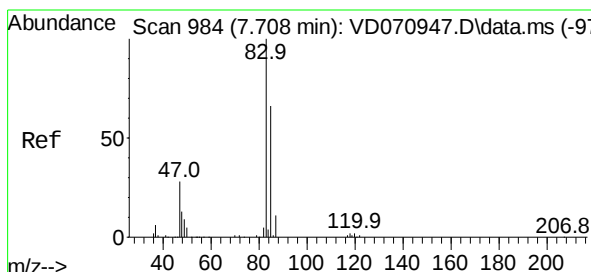
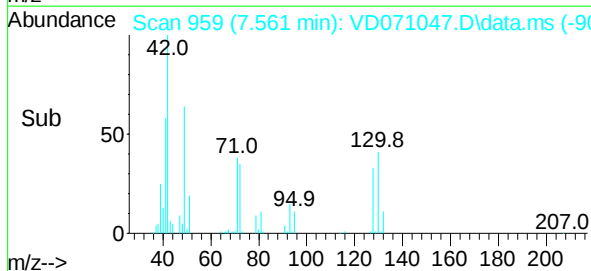
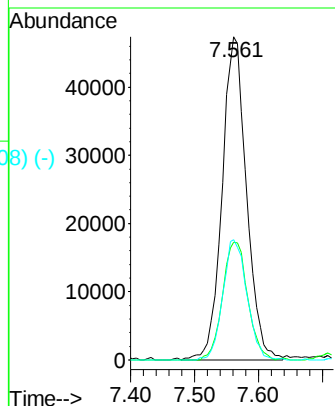
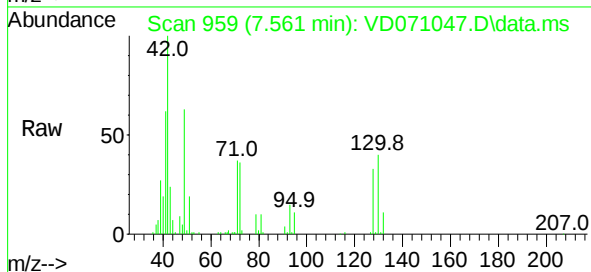
Tgt Ion: 42 Resp: 125701

Ion Ratio Lower Upper

42 100

72 37.6 33.7 50.5

71 36.8 32.7 49.1



Chloroform

Concen: 54.27 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD071047.D

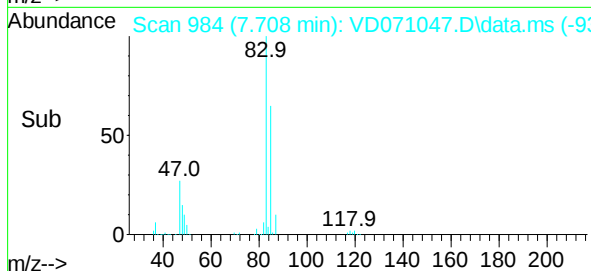
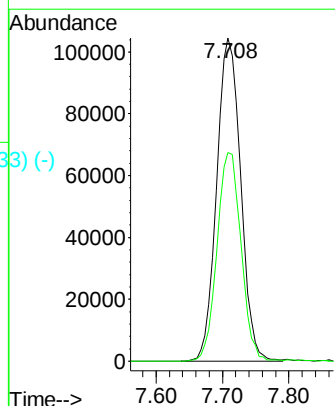
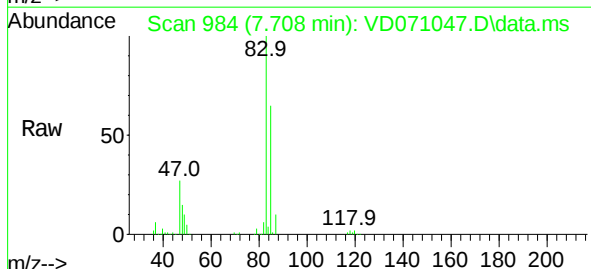
Acq: 16 Nov 2021 17:57

Tgt Ion: 83 Resp: 260863

Ion Ratio Lower Upper

83 100

85 64.5 51.0 76.6



Abundance Scan 1031 (7.985 min): VD070947.D\data.ms (-10631-)

Cyclohexane

Concen: 44.58 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

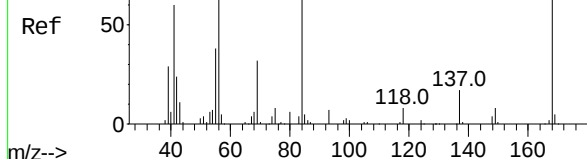
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :



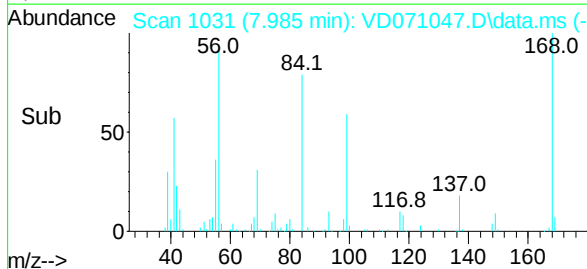
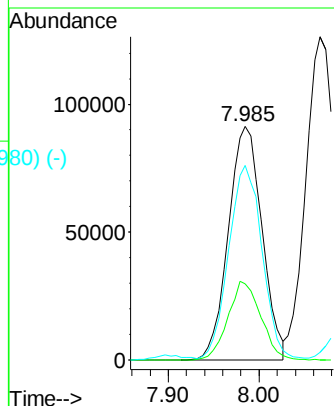
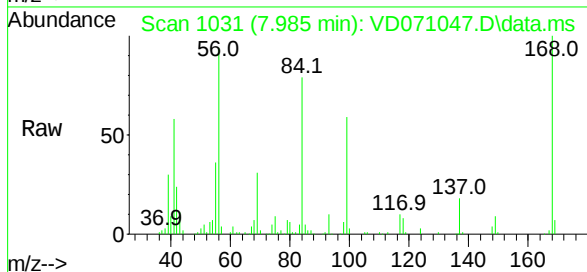
Tgt Ion: 56 Resp: 234979

Ion Ratio Lower Upper

56 100

69 32.6 25.9 38.9

84 82.2 64.3 96.5



Abundance Scan 1017 (7.903 min): VD070947.D\data.ms (-10632-)

1,1,1-Trichloroethane

Concen: 54.12 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

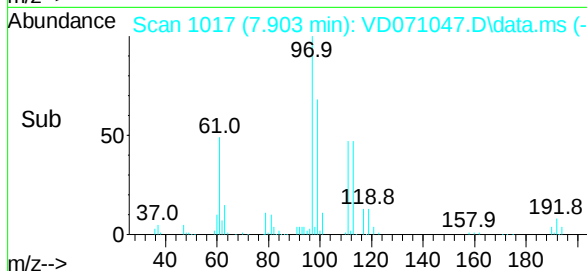
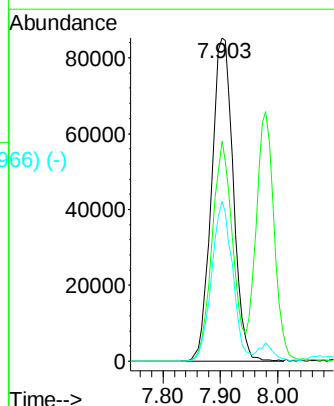
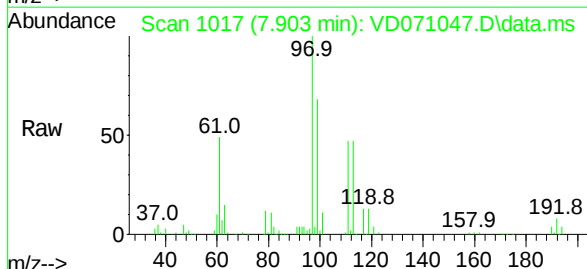
Tgt Ion: 97 Resp: 223446

Ion Ratio Lower Upper

97 100

99 64.2 50.3 75.5

61 47.7 33.0 49.4



Abundance Scan 1090 (8.332 min): VD070947.D\data.ms (-10793-)

1,2-Dichloroethane-d4

Concen: 50.28 ug/l

RT: 8.332 min Scan#

Delta R.T. -0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

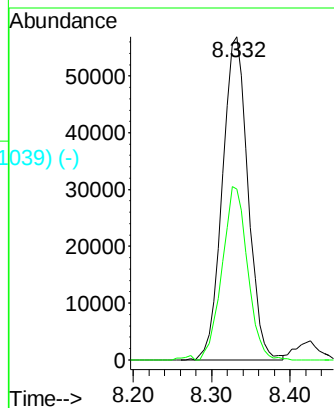
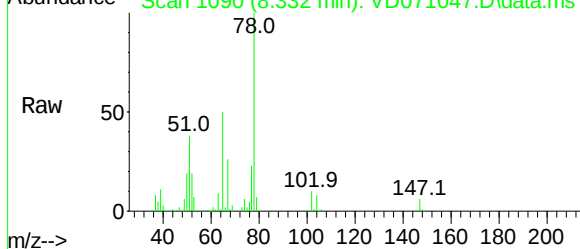
Tgt Ion: 65 Resp: 128881

Ion Ratio Lower Upper

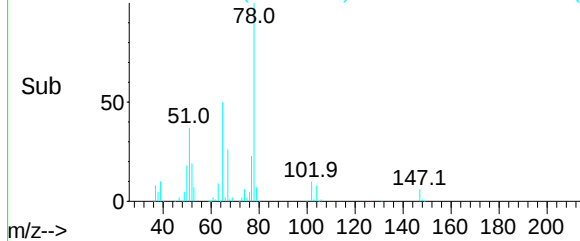
65 100

67 53.3 0.0 112.2

Abundance Scan 1090 (8.332 min): VD071047.D\data.ms



Abundance Scan 1090 (8.332 min): VD071047.D\data.ms (-1039-)



Abundance Scan 1180 (8.861 min): VD070947.D\data.ms (-11704-)

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Tgt Ion: 114 Resp: 416252

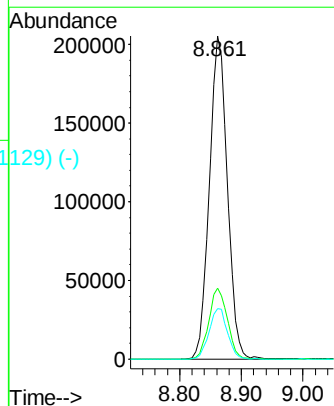
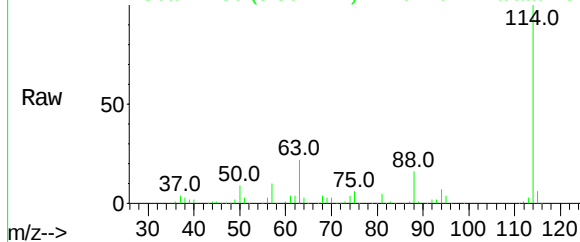
Ion Ratio Lower Upper

114 100

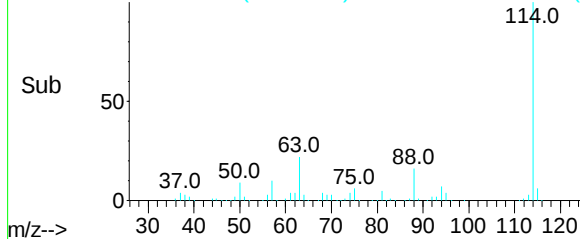
63 22.0 0.0 41.8

88 15.7 0.0 32.8

Abundance Scan 1180 (8.861 min): VD071047.D\data.ms



Abundance Scan 1180 (8.861 min): VD071047.D\data.ms (-1129-)



Abundance Scan 1019 (7.914 min): VD070947.D\data.ms (-10085-)

Dibromofluoromethane

Concen: 52.77 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

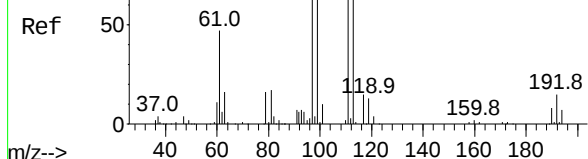
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :



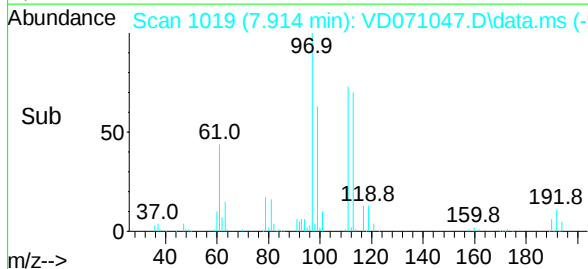
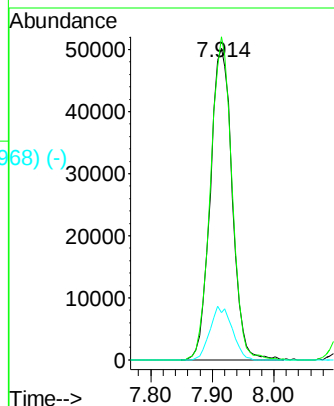
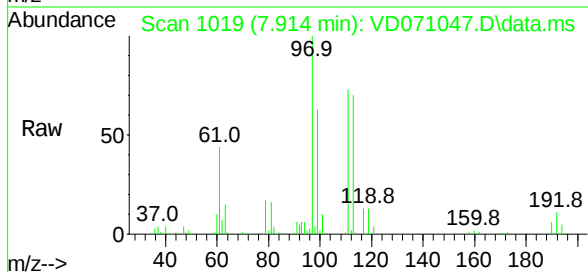
Tgt Ion:113 Resp: 123957

Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

192 17.3 15.2 22.8



Abundance Scan 1052 (8.108 min): VD070947.D\data.ms (-10496-)

1,1-Dichloropropene

Concen: 53.02 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

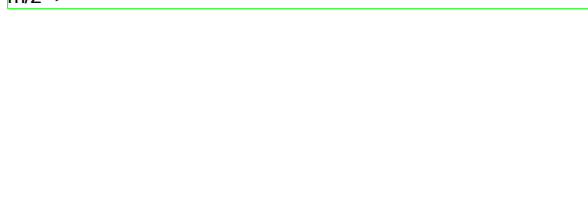
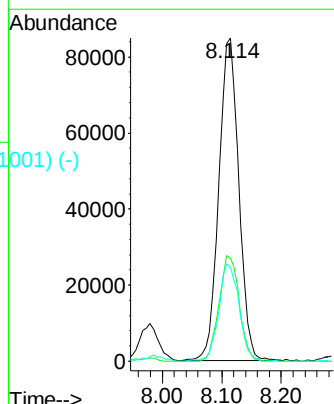
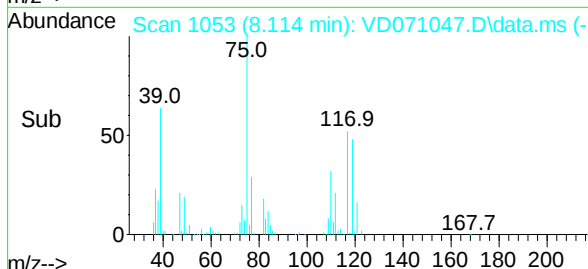
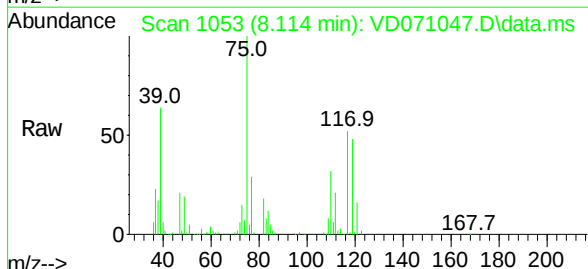
Tgt Ion: 75 Resp: 197038

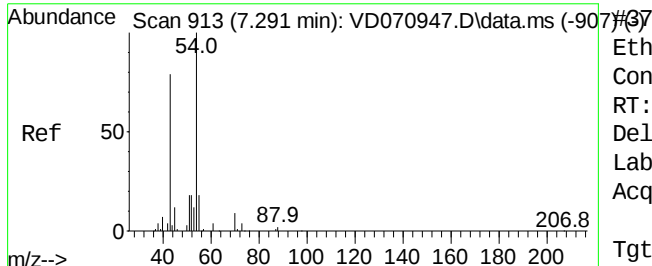
Ion Ratio Lower Upper

75 100

110 33.0 17.8 53.4

77 30.6 24.8 37.2





Ethyl Acetate

Concen: 53.69 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

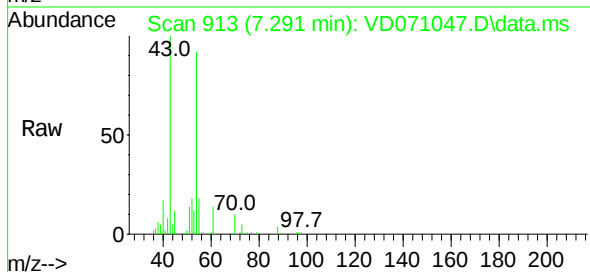
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :



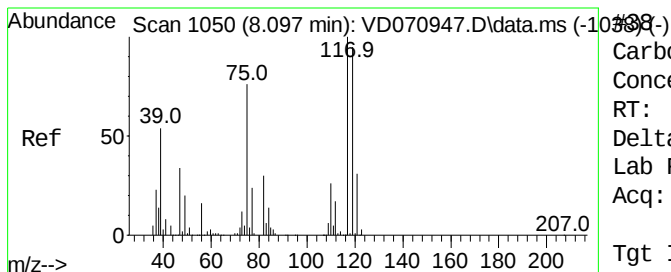
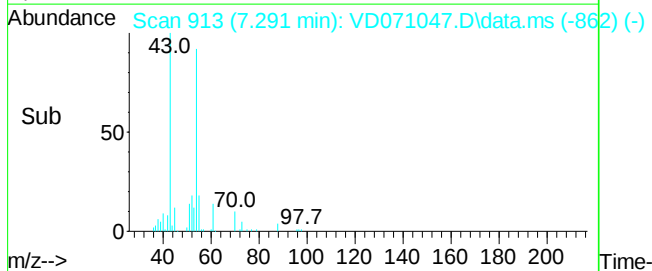
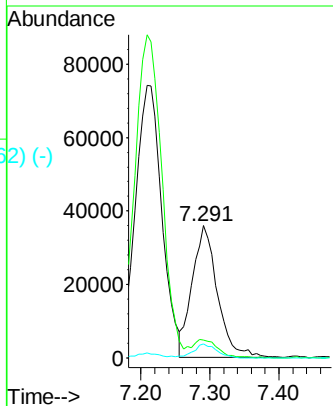
Tgt Ion: 43 Resp: 91045

Ion Ratio Lower Upper

43 100

61 12.6 13.0 19.6#

70 9.5 8.7 13.1



Carbon Tetrachloride

Concen: 53.88 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

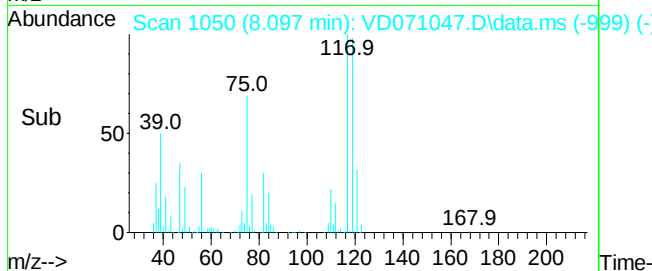
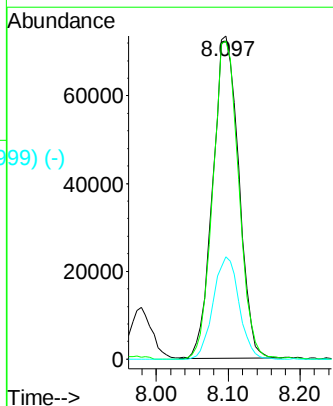
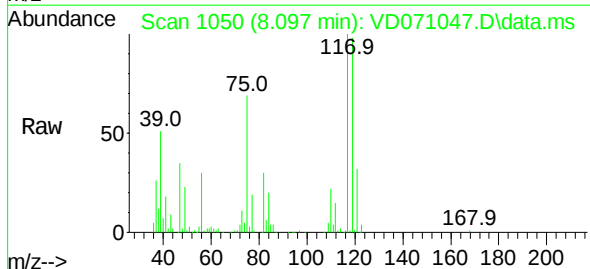
Tgt Ion:117 Resp: 184415

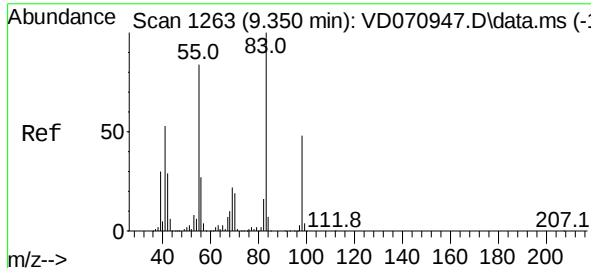
Ion Ratio Lower Upper

117 100

119 98.9 75.8 113.6

121 31.8 23.6 35.4

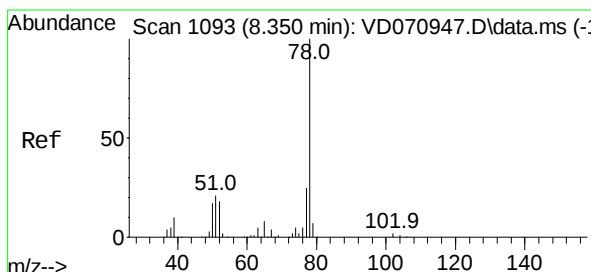
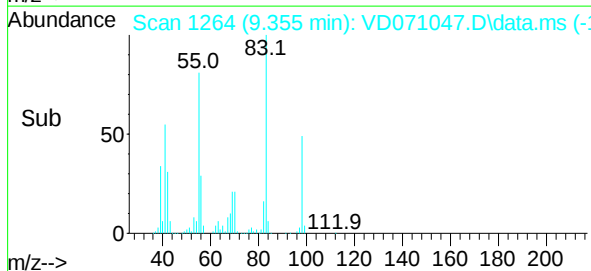
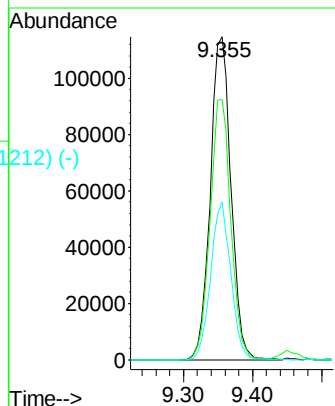
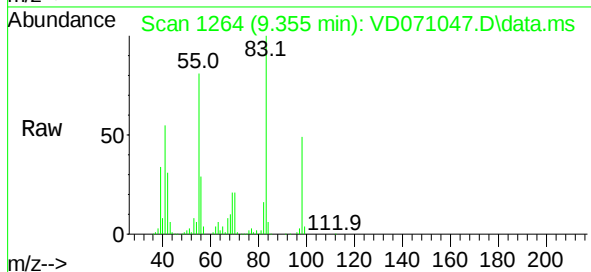




Methylcyclohexane
Concen: 49.80 ug/l
RT: 9.355 min Scan# 1263
Delta R.T. 0.005 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

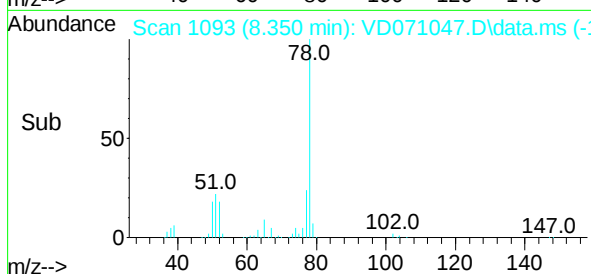
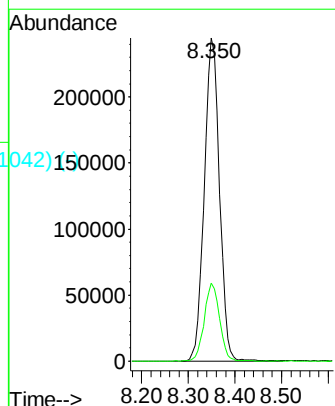
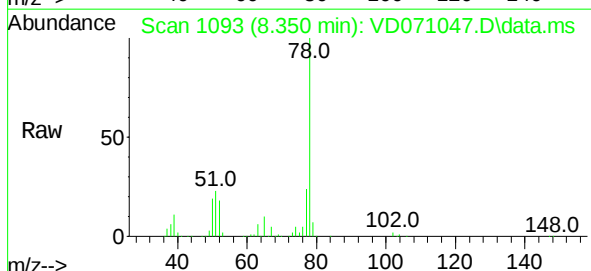
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	83	Resp:	239025
Ion	Ratio	Lower	Upper
83	100		
55	80.7	65.8	98.8
98	48.9	38.7	58.1



Benzene
Concen: 52.93 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion:	78	Resp:	554035
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7



Abundance Scan 951 (7.514 min): VD070947.D\data.ms (-944#41)

Methacrylonitrile

Concen: 48.22 ug/l

RT: 7.514 min Scan# 951

Delta R.T. 0.000 min MSVOA_D

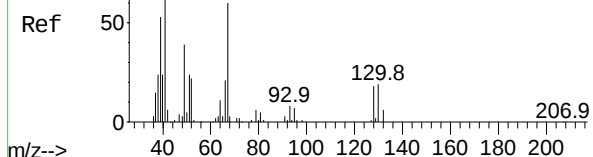
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

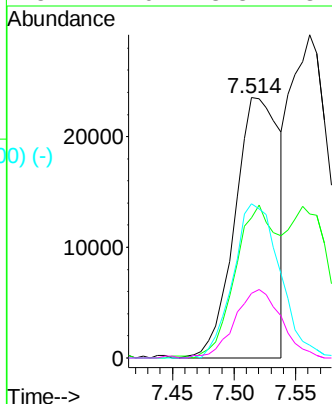
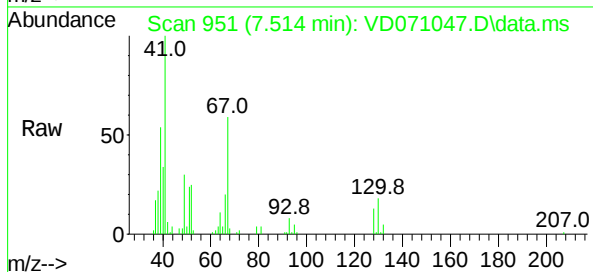
ClientSampleId :



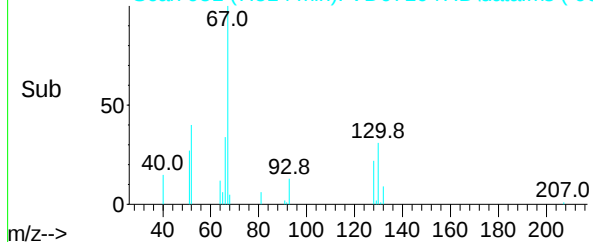
Tgt Ion: 41 Resp: 58537

Ion Ratio Lower Upper

41	100		
39	56.2	60.2	90.4#
67	63.2	74.8	112.2#
52	27.6	28.8	43.2#



Abundance Scan 951 (7.514 min): VD071047.D\data.ms (-900) (-)



Abundance Scan 1105 (8.420 min): VD070947.D\data.ms (-1094#42)

1,2-Dichloroethane

Concen: 57.31 ug/l

RT: 8.426 min Scan# 1106

Delta R.T. 0.006 min

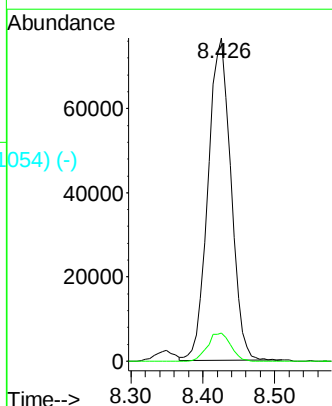
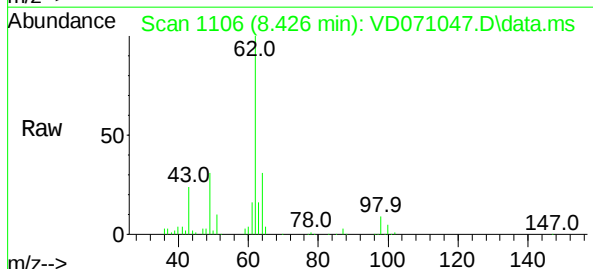
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

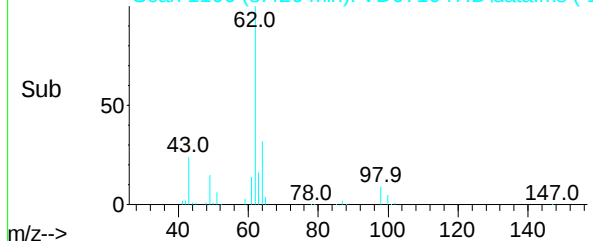
Tgt Ion: 62 Resp: 169911

Ion Ratio Lower Upper

62	100		
98	8.7	0.0	21.8



Abundance Scan 1106 (8.426 min): VD071047.D\data.ms (-1054) (-)



Abundance Scan 1110 (8.450 min): VD070947.D\data.ms (-1109) (-)

Isopropyl Acetate

Concen: 50.81 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.000 min

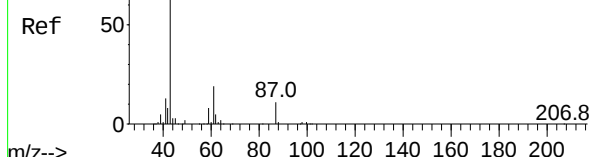
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :



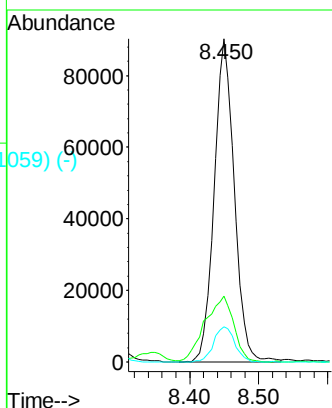
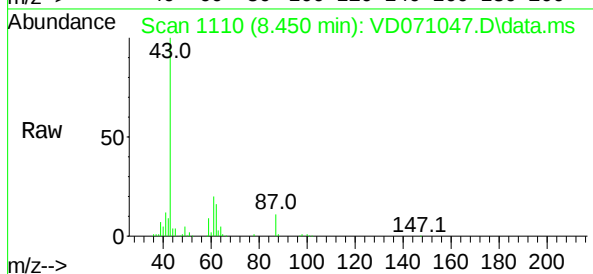
Tgt Ion: 43 Resp: 182333

Ion Ratio Lower Upper

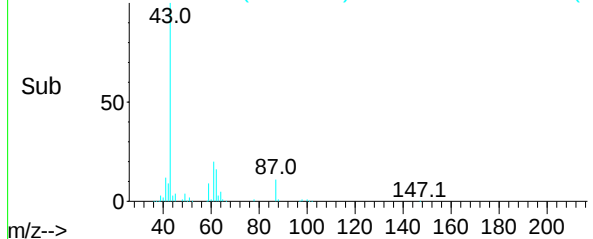
43 100

61 29.1 28.2 42.4

87 11.4 10.7 16.1



Abundance Scan 1110 (8.450 min): VD071047.D\data.ms (-1059) (-)



Abundance Scan 1222 (9.108 min): VD070947.D\data.ms (-1219) (-)

Trichloroethene

Concen: 52.42 ug/l

RT: 9.114 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD071047.D

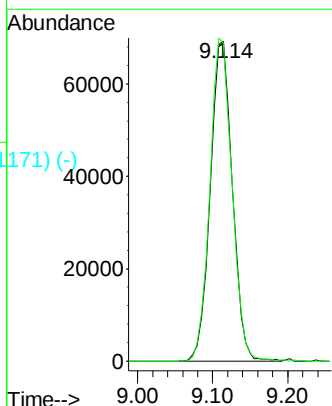
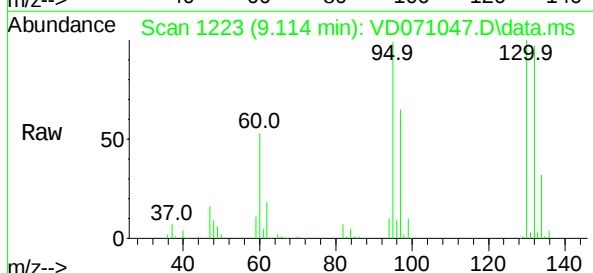
Acq: 16 Nov 2021 17:57

Tgt Ion:130 Resp: 141411

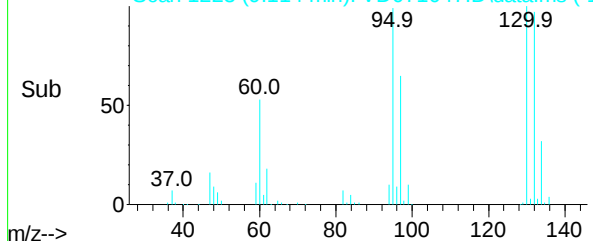
Ion Ratio Lower Upper

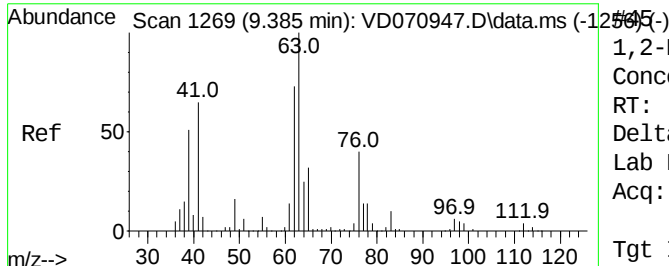
130 100

95 99.3 0.0 193.2



Abundance Scan 1223 (9.114 min): VD071047.D\data.ms (-1171) (-)

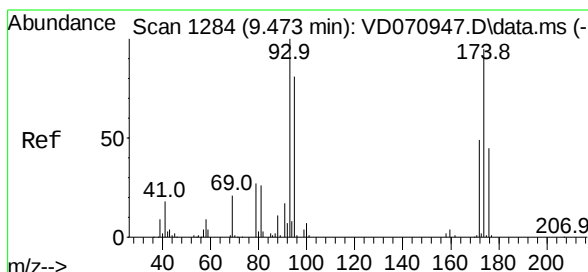
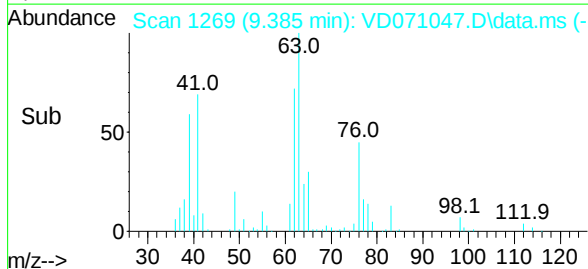
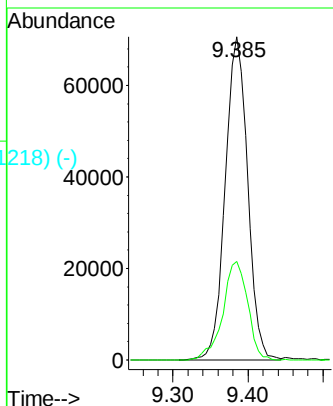
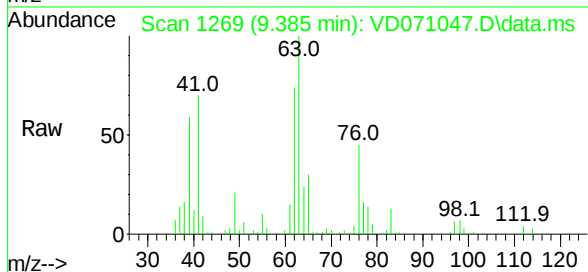




1,2-Dichloropropane
 Concen: 51.43 ug/l
 RT: 9.385 min Scan# 1269
 Delta R.T. -0.000 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

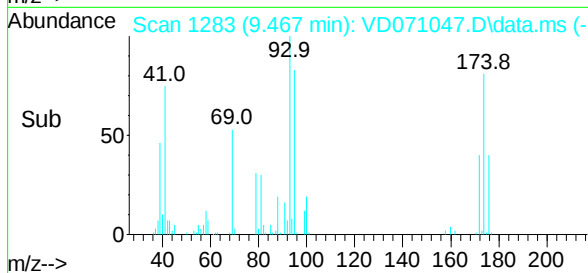
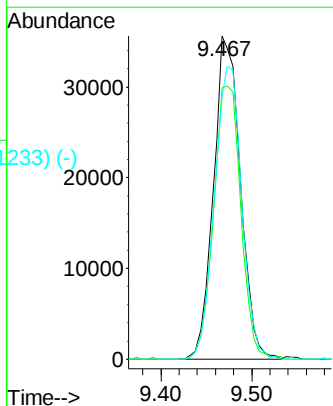
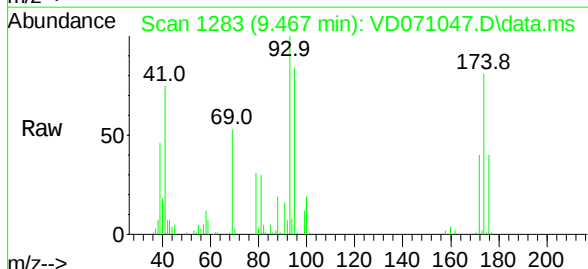
Instrument :
 MSVOA_D
 ClientSampleId :

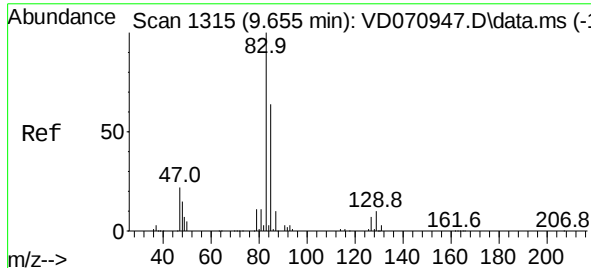
Tgt Ion: 63 Resp: 145575
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.2



Dibromomethane
 Concen: 54.34 ug/l
 RT: 9.467 min Scan# 1283
 Delta R.T. -0.006 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

Tgt Ion: 93 Resp: 73217
 Ion Ratio Lower Upper
 93 100
 95 85.9 66.1 99.1
 174 91.9 78.6 117.8

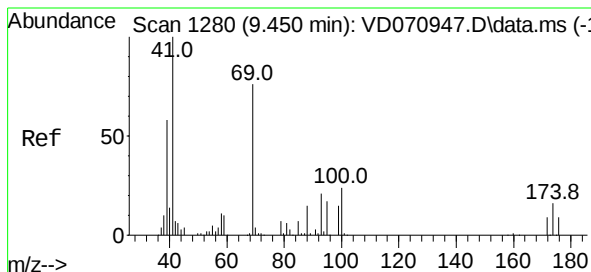
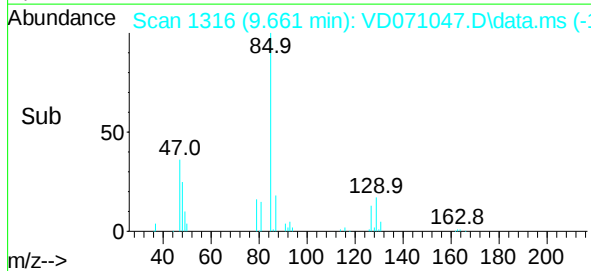
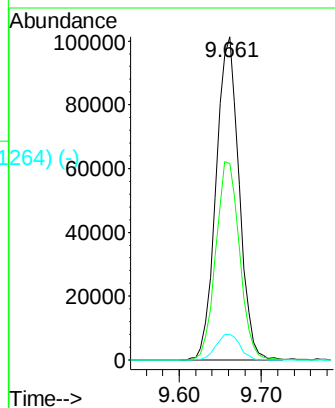
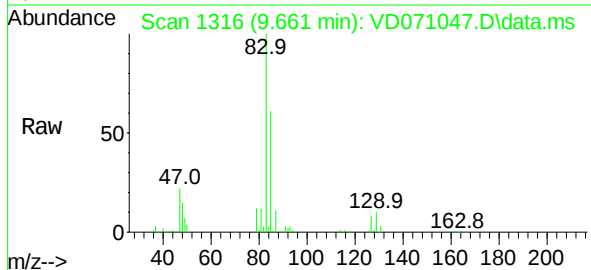




Bromodichloromethane
Concen: 55.51 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

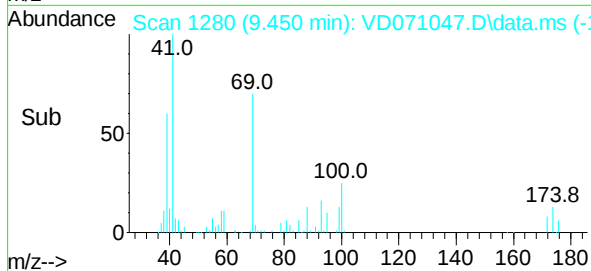
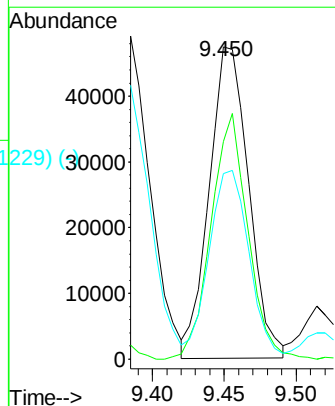
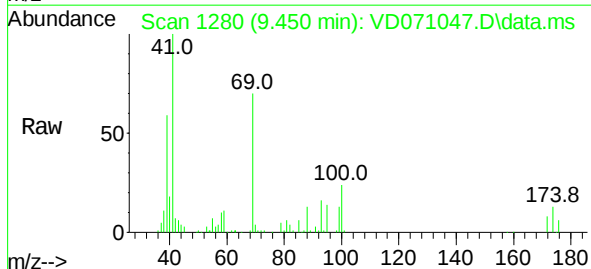
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 197803
Ion Ratio Lower Upper
83 100
85 60.8 50.0 75.0
127 7.8 7.3 10.9



Methyl methacrylate
Concen: 51.33 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion: 41 Resp: 90353
Ion Ratio Lower Upper
41 100
69 73.5 69.8 104.6
39 57.7 35.6 53.4#



Abundance Scan 1281 (9.455 min): VD070947.D\data.ms (-1279) (-)

1,4-Dioxane

Concen: 1045.21 ug/l

RT: 9.461 min Scan# 1281

Delta R.T. 0.006 min

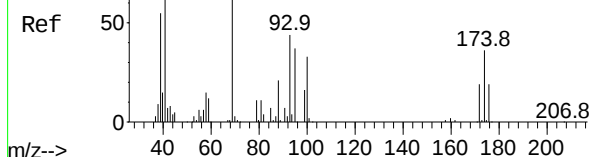
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :



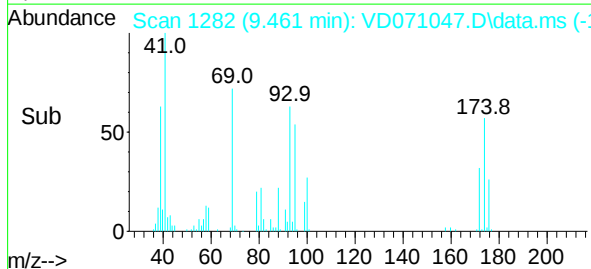
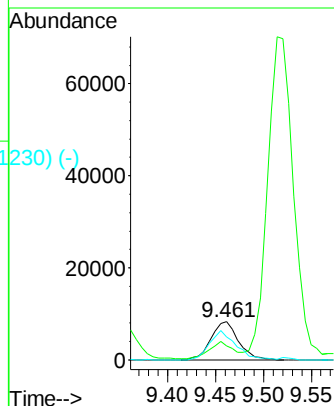
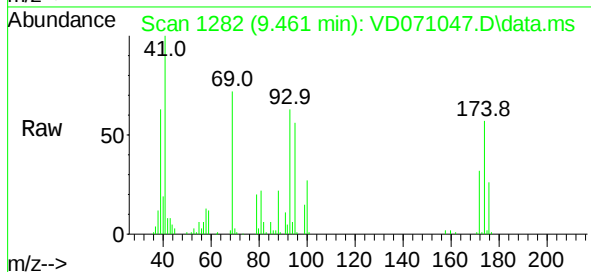
Tgt Ion: 88 Resp: 16316

Ion Ratio Lower Upper

88 100

43 40.0 28.9 43.3

58 74.7 56.3 84.5



Abundance Scan 1431 (10.338 min): VD070947.D\data.ms (-1450) (-)

Toluene-d8

Concen: 49.38 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071047.D

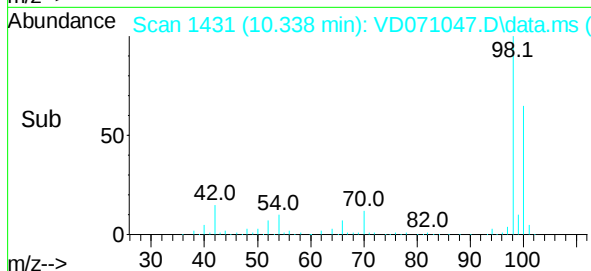
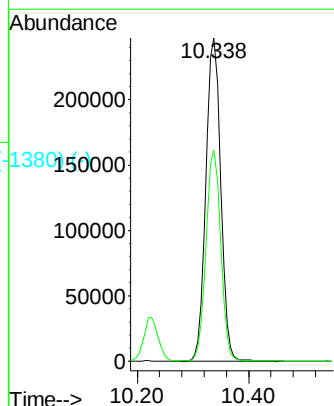
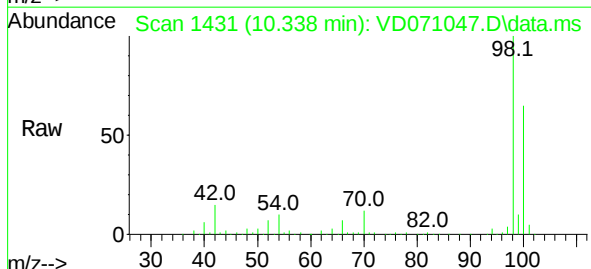
Acq: 16 Nov 2021 17:57

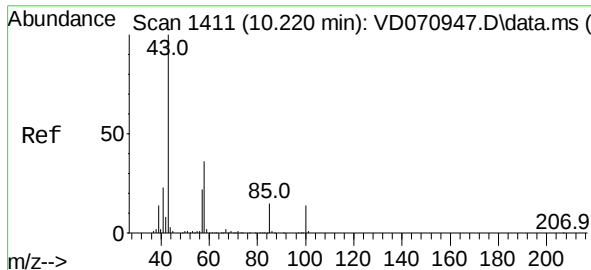
Tgt Ion: 98 Resp: 454242

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.6

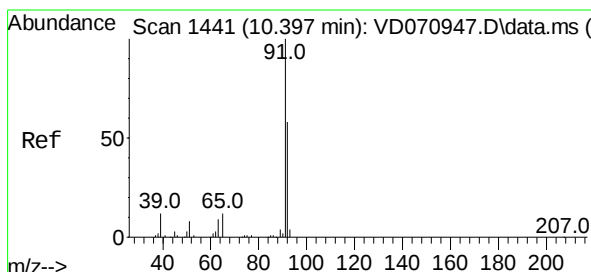
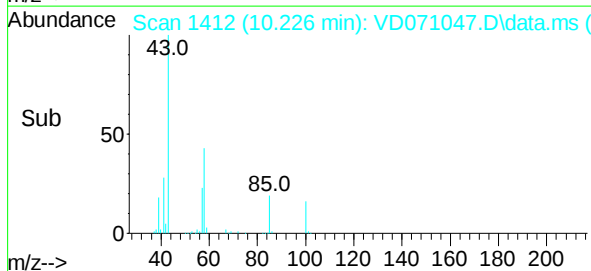
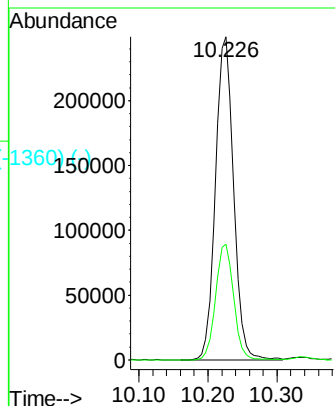
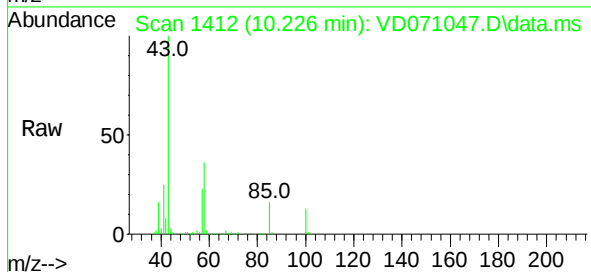




4-Methyl-2-Pentanone
Concen: 261.42 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

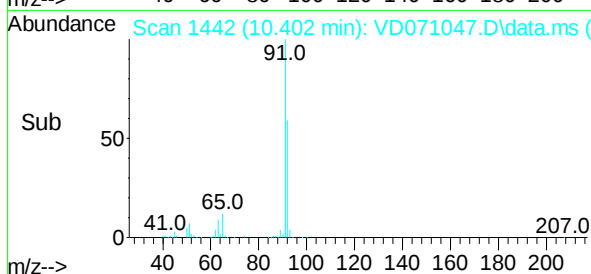
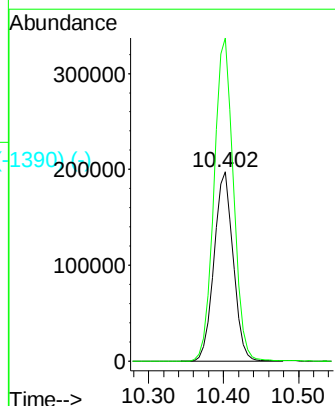
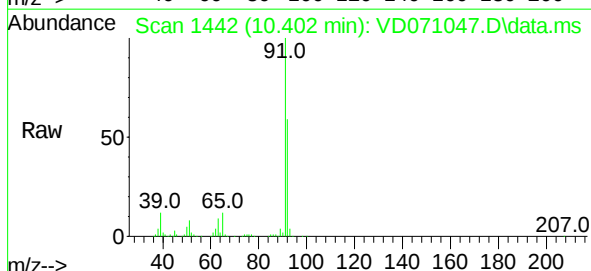
Instrument :
MSVOA_D
ClientSampleId :

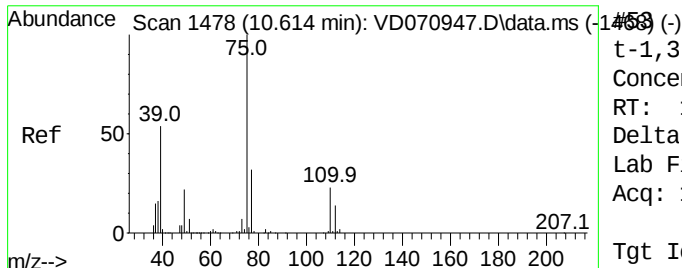
Tgt Ion: 43 Resp: 454809
Ion Ratio Lower Upper
43 100
58 35.6 33.1 49.7



Toluene
Concen: 52.93 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.005 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion: 92 Resp: 349210
Ion Ratio Lower Upper
92 100
91 173.5 140.7 211.1

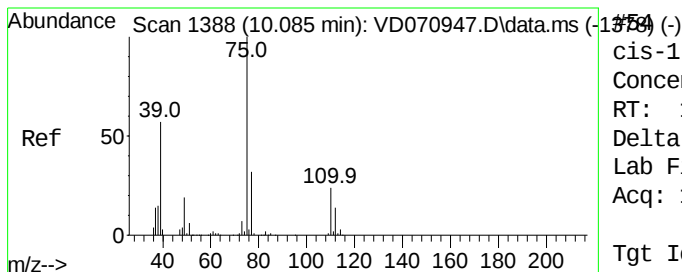
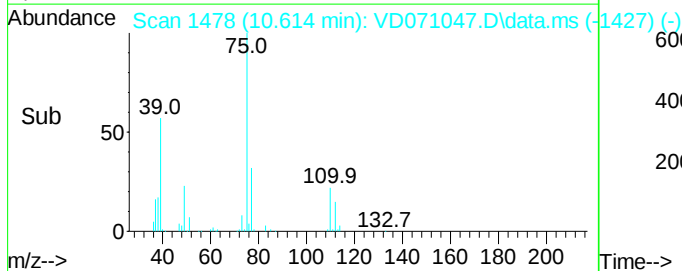
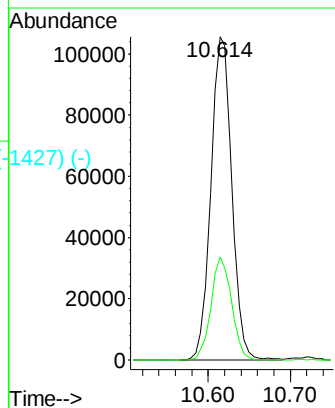
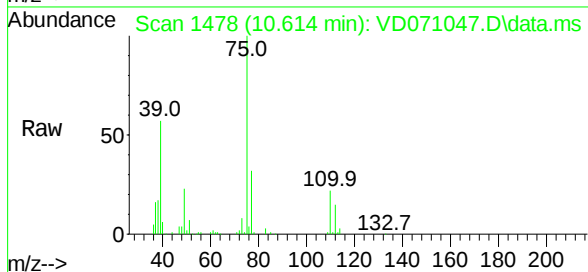




t-1,3-Dichloropropene
Concen: 51.94 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

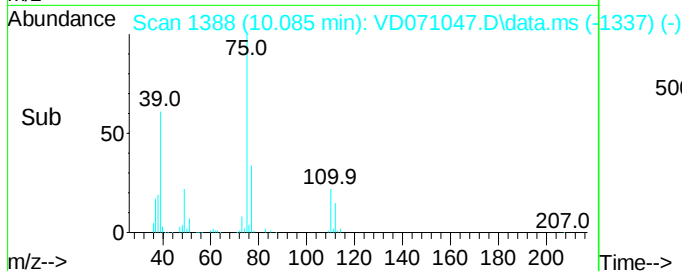
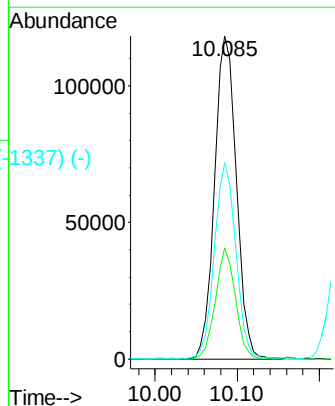
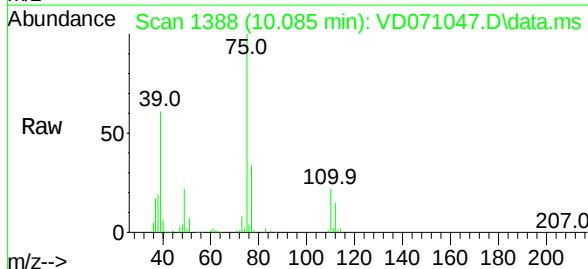
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 186662
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7



cis-1,3-Dichloropropene
Concen: 51.68 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion: 75 Resp: 218991
Ion Ratio Lower Upper
75 100
77 34.5 25.0 37.6
39 60.6 31.6 47.4#



Abundance Scan 1508 (10.791 min): VD070947.D\data.ms (-1555) (-)

1,1,2-Trichloroethane

Concen: 52.79 ug/l

RT: 10.797 min Scan#

Delta R.T. 0.006 min

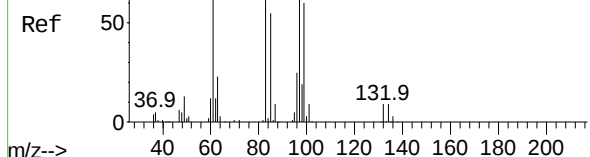
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 97745

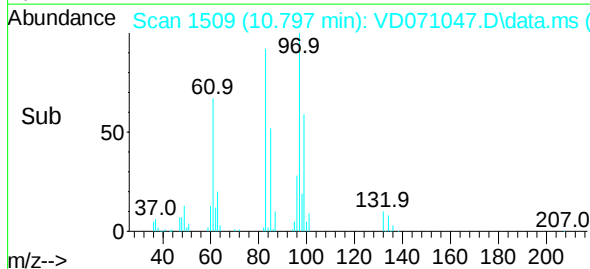
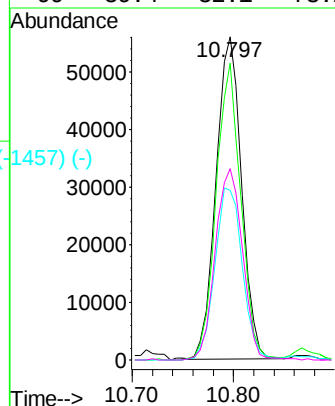
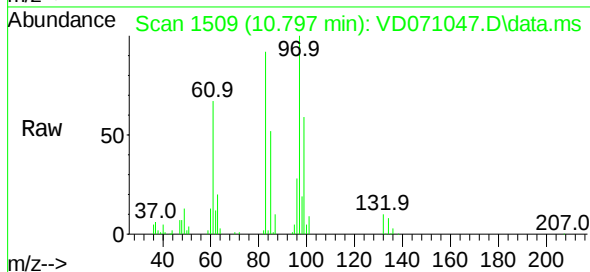
Ion Ratio Lower Upper

97 100

83 92.3 65.2 97.8

85 52.7 43.4 65.0

99 59.4 52.1 78.1



Abundance Scan 1485 (10.655 min): VD070947.D\data.ms (-1456) (-)

Ethyl methacrylate

Concen: 51.02 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

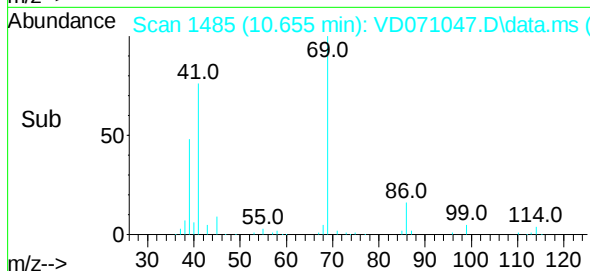
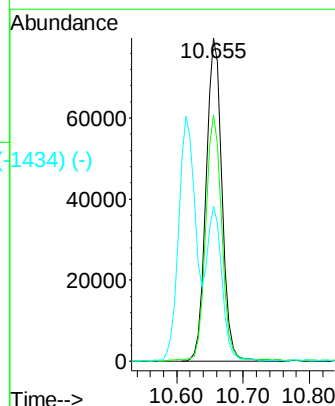
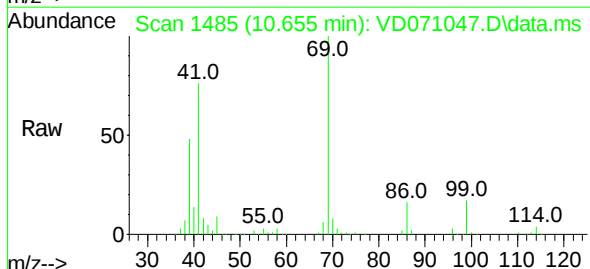
Tgt Ion: 69 Resp: 133684

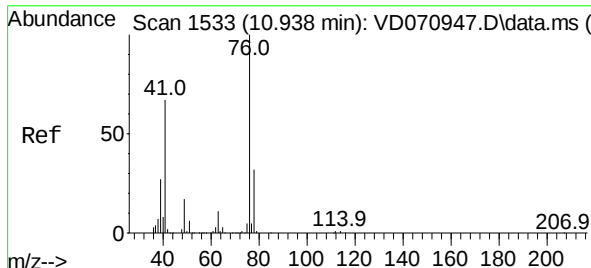
Ion Ratio Lower Upper

69 100

41 77.4 50.2 75.2#

39 45.2 19.8 29.8#

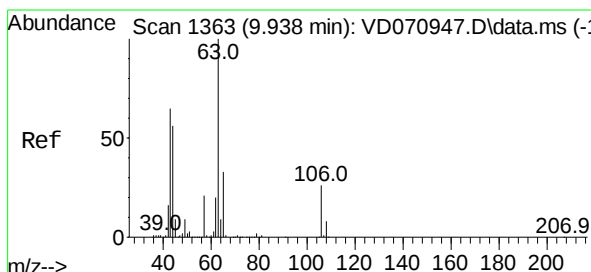
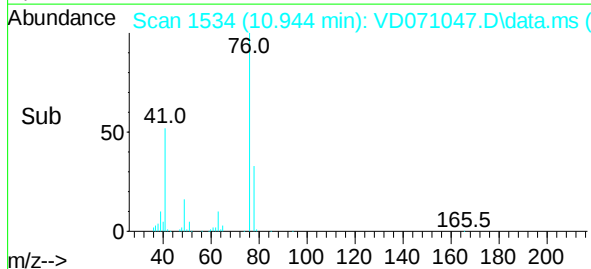
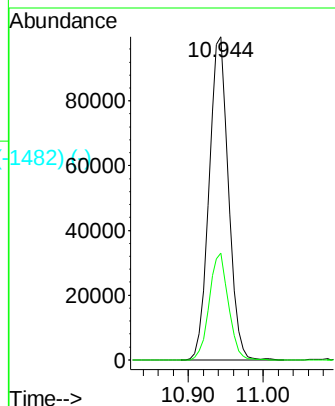
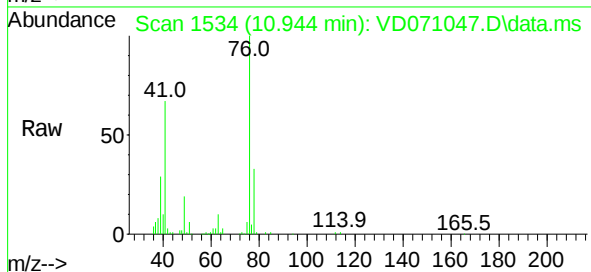




1,3-Dichloropropane
Concen: 53.47 ug/l
RT: 10.944 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

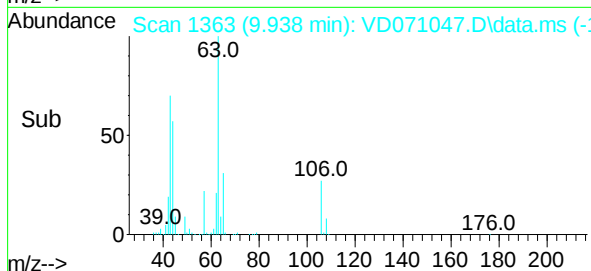
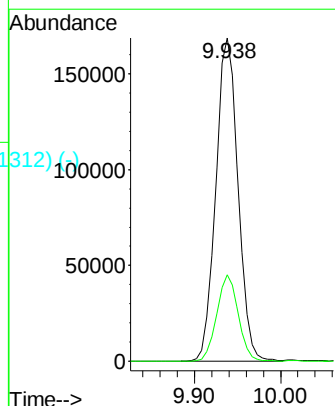
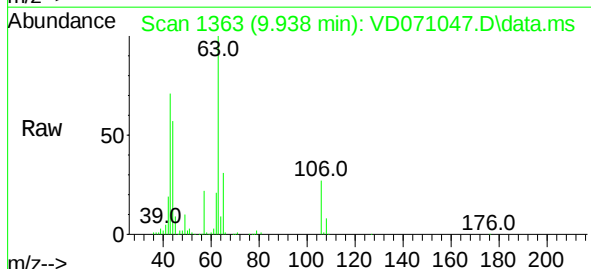
Instrument :
MSVOA_D
ClientSampleId :

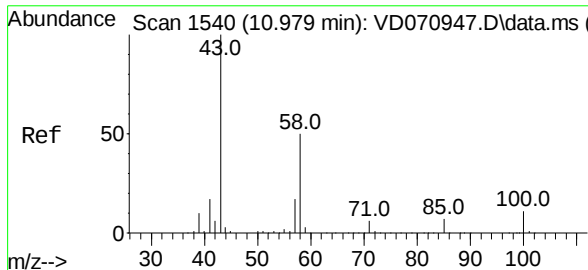
Tgt Ion: 76 Resp: 179791
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6



2-Chloroethyl Vinyl ether
Concen: 223.02 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion: 63 Resp: 303768
Ion Ratio Lower Upper
63 100
106 25.8 21.0 31.4

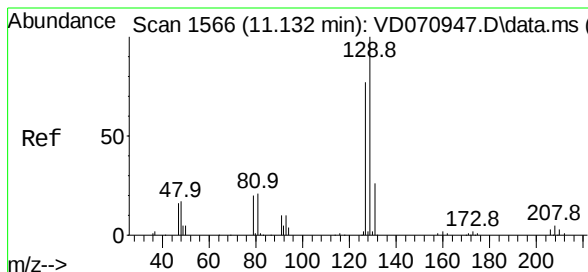
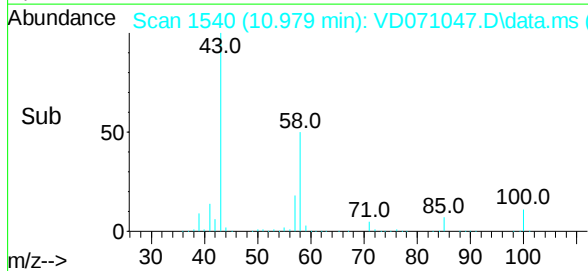
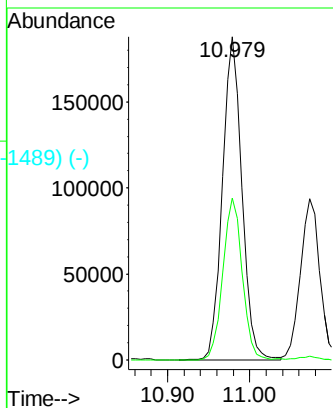
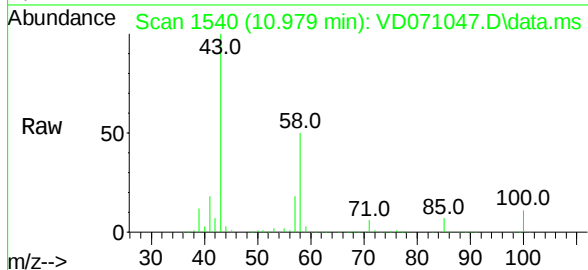




2-Hexanone
Concen: 229.91 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

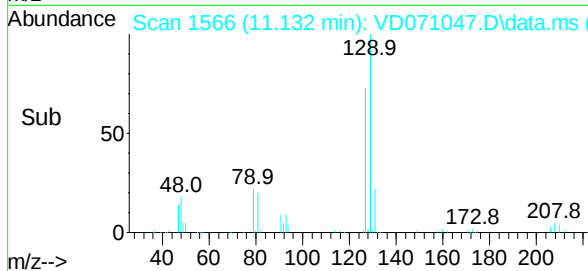
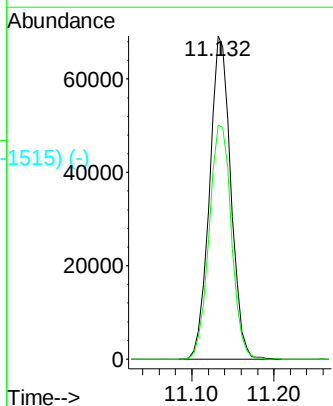
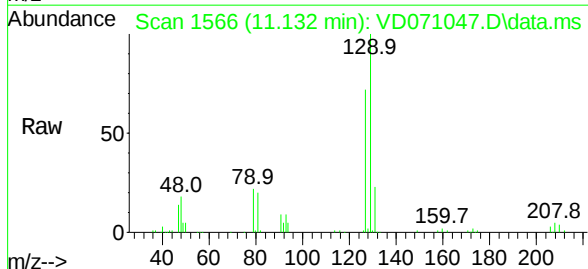
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 310922
Ion Ratio Lower Upper
43 100
58 49.9 28.7 86.1



Dibromochloromethane
Concen: 56.06 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion:129 Resp: 124522
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.6



Abundance Scan 1584 (11.238 min): VD070947.D\data.ms (-15763) (-)

1,2-Dibromoethane

Concen: 52.78 ug/l

RT: 11.238 min Scan# 1584

Delta R.T. -0.000 min

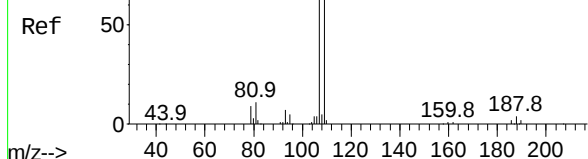
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

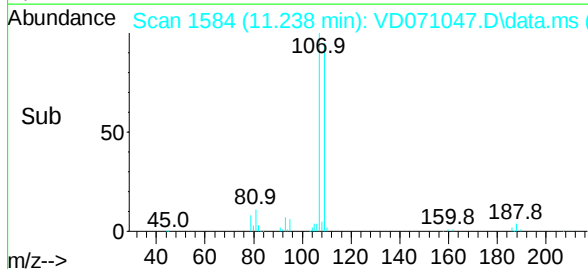
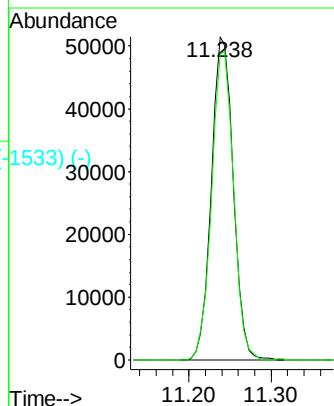
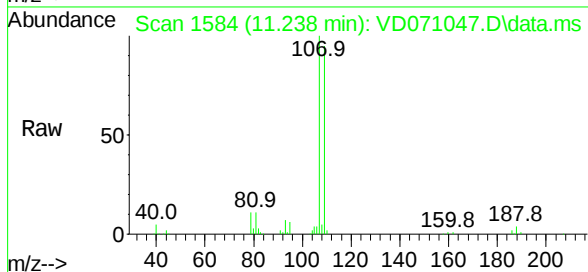


Tgt Ion:107 Resp: 95070

Ion Ratio Lower Upper

107 100

109 96.0 74.6 112.0



Abundance Scan 1819 (12.620 min): VD070947.D\data.ms (-1763) (-)

4-Bromofluorobenzene

Concen: 48.20 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.006 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

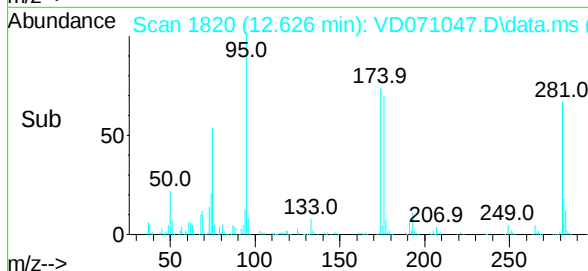
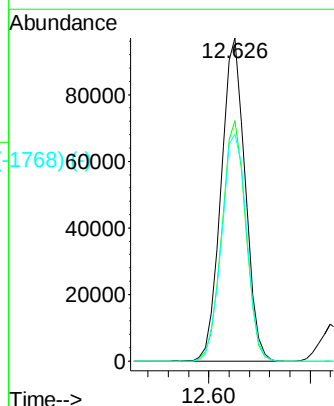
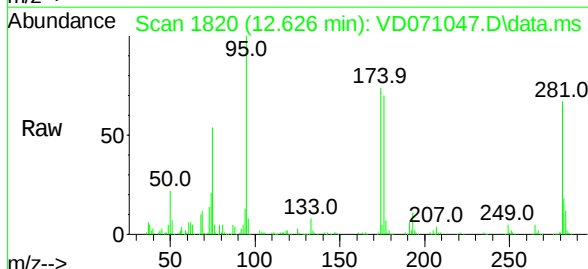
Tgt Ion: 95 Resp: 159633

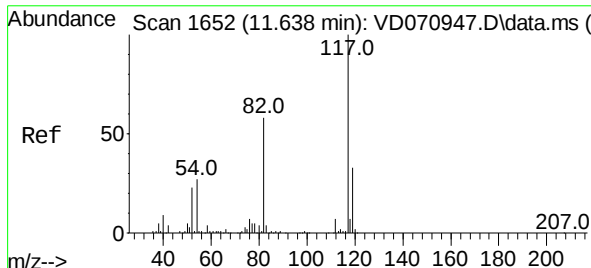
Ion Ratio Lower Upper

95 100

174 74.0 0.0 159.4

176 73.1 0.0 154.0

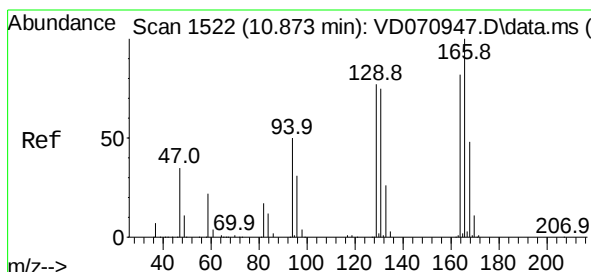
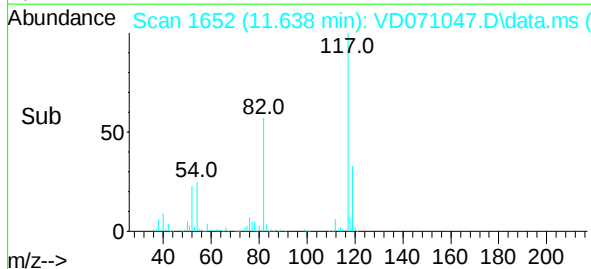
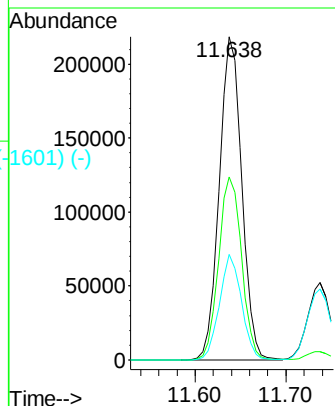
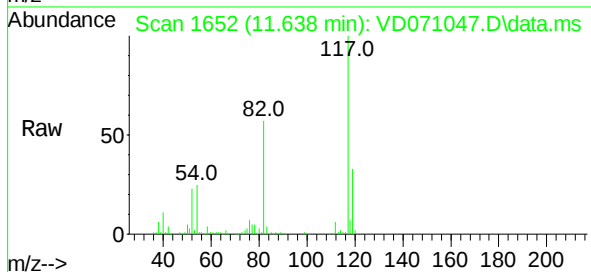




Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

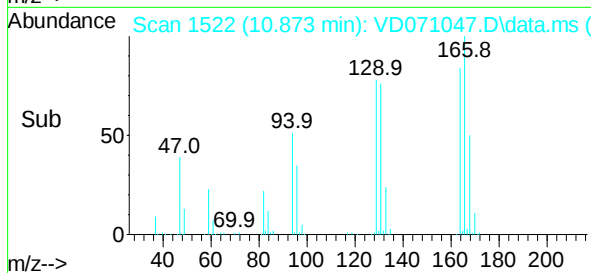
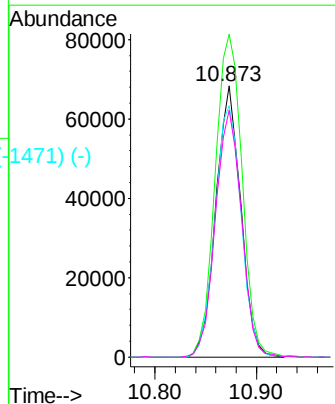
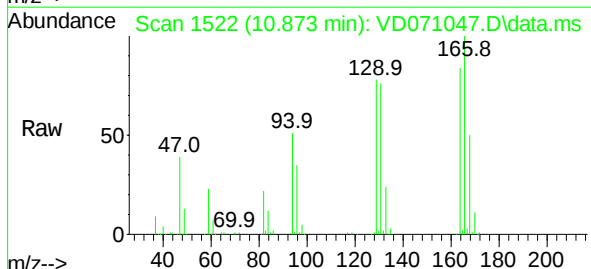
Instrument :
MSVOA_D
ClientSampleId :

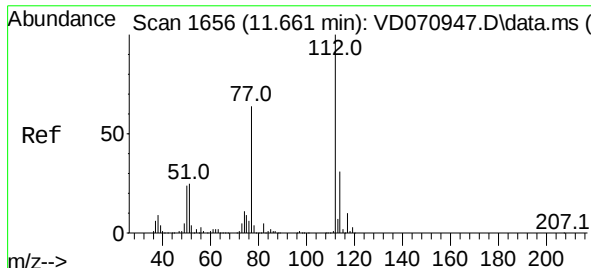
Tgt Ion:	117	Resp:	376003
Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.7	67.1
119	32.6	26.2	39.4



Tetrachloroethene
Concen: 53.25 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion:	164	Resp:	116759
Ion	Ratio	Lower	Upper
164	100		
166	119.0	102.6	153.8
129	92.6	75.4	113.0
131	90.9	70.6	106.0

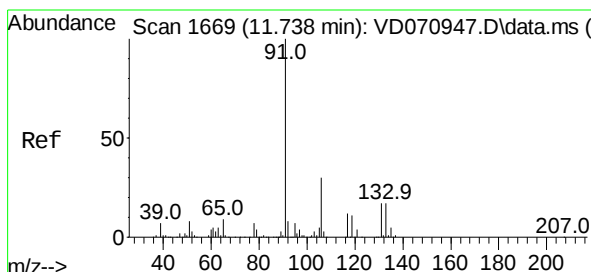
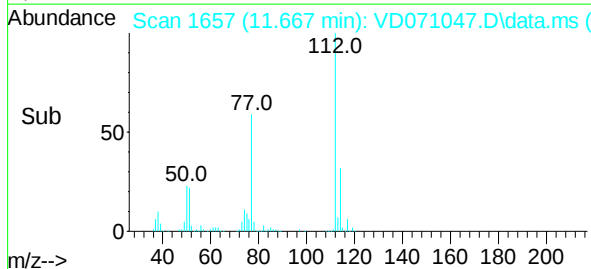
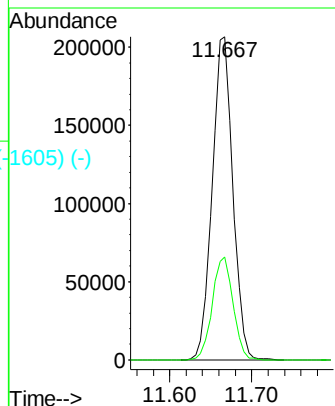
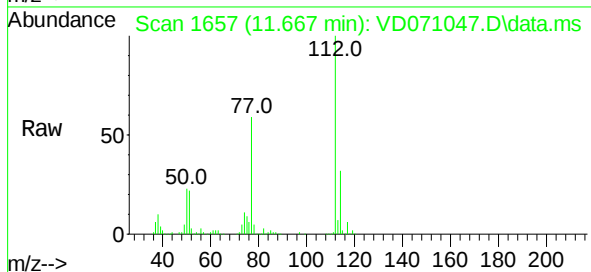




Chlorobenzene
 Concen: 53.72 ug/l
 RT: 11.667 min Scan# 1656
 Delta R.T. 0.006 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

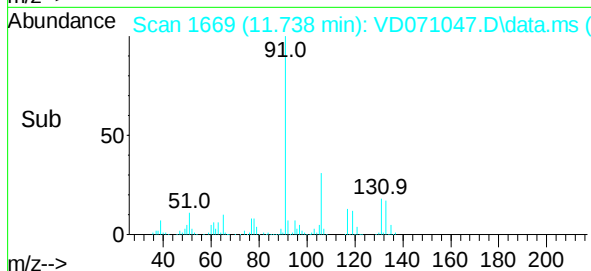
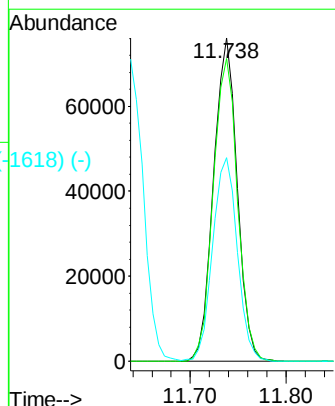
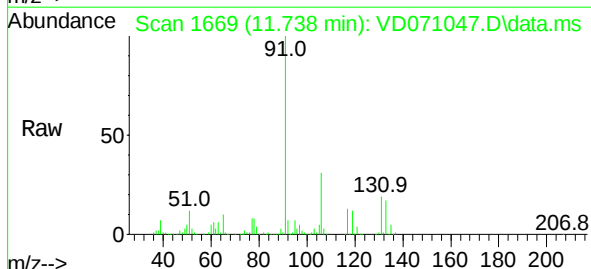
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:112 Resp: 360402
 Ion Ratio Lower Upper
 112 100
 114 31.8 26.0 39.0

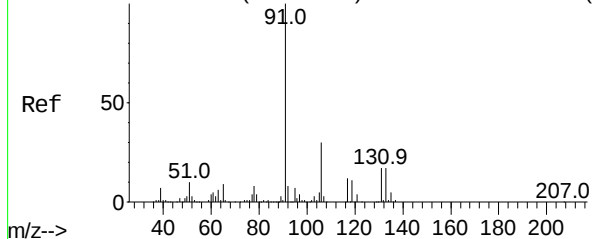


1,1,1,2-Tetrachloroethane
 Concen: 54.70 ug/l
 RT: 11.738 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

Tgt Ion:131 Resp: 130238
 Ion Ratio Lower Upper
 131 100
 133 96.2 48.0 144.0
 119 65.7 33.5 100.4



Abundance Scan 1669 (11.738 min): VD070947.D\data.ms (-1667) (-)



Ethyl Benzene

Concen: 53.18 ug/l

RT: 11.738 min Scan#

Delta R.T. -0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

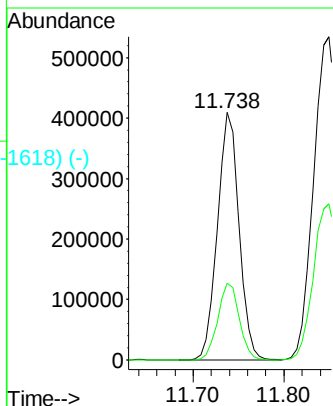
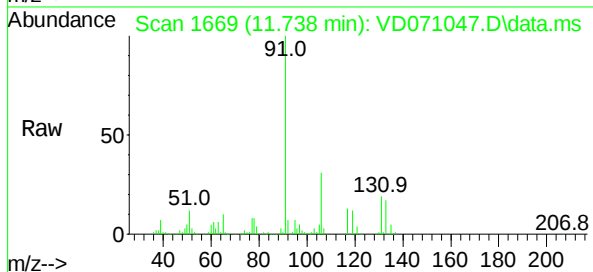
ClientSampleId :

Tgt Ion: 91 Resp: 675643

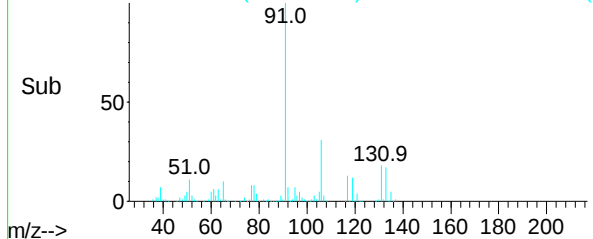
Ion Ratio Lower Upper

91 100

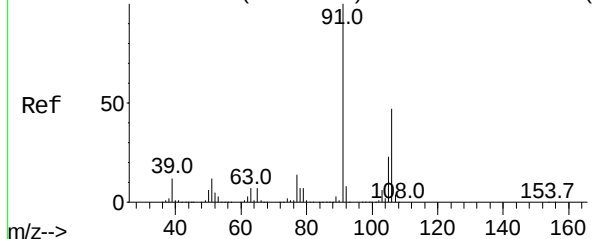
106 31.0 24.6 36.8



Abundance Scan 1669 (11.738 min): VD071047.D\data.ms (-1618) (-)



Abundance Scan 1687 (11.844 min): VD070947.D\data.ms (-1688) (-)



m/p-Xylenes

Concen: 107.79 ug/l

RT: 11.849 min Scan# 1688

Delta R.T. 0.005 min

Lab File: VD071047.D

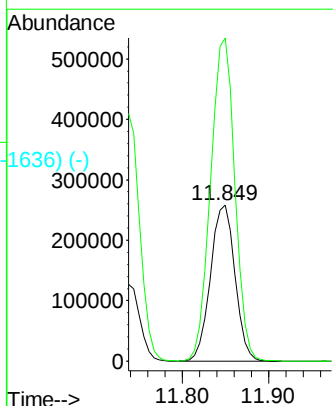
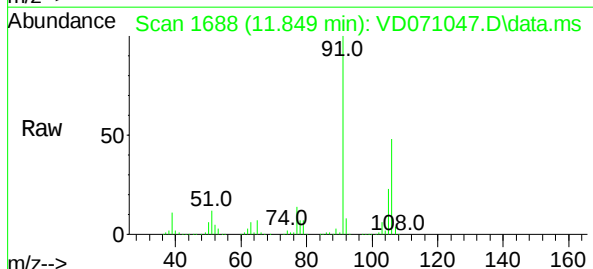
Acq: 16 Nov 2021 17:57

Tgt Ion:106 Resp: 511812

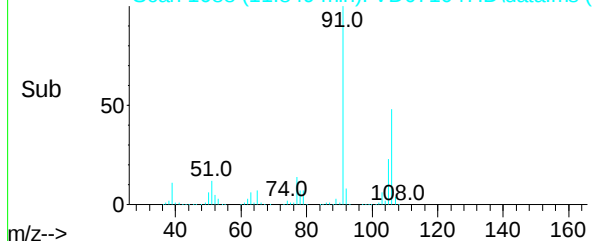
Ion Ratio Lower Upper

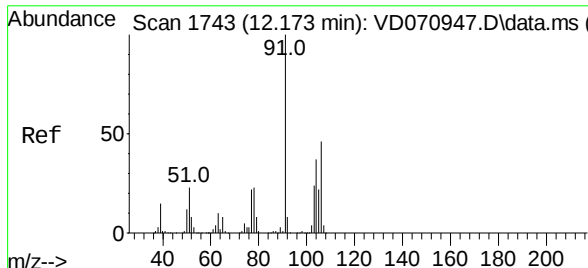
106 100

91 204.9 160.1 240.1



Abundance Scan 1688 (11.849 min): VD071047.D\data.ms (-1636) (-)

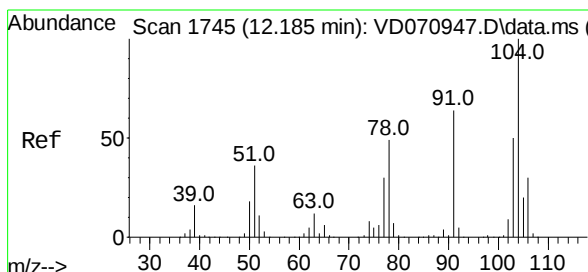
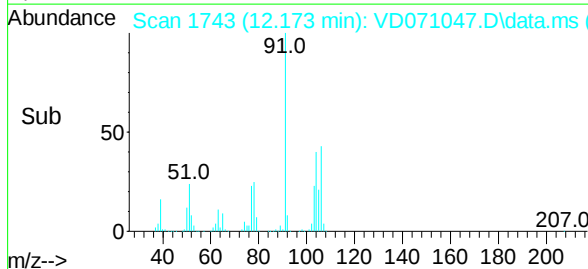
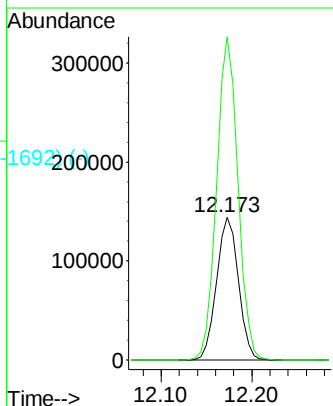
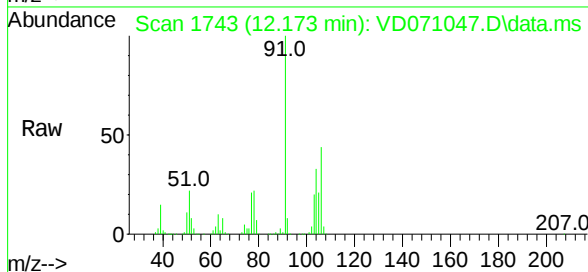




Scan 1743 (12.173 min): VD070947.D\data.ms (-1759)
 o-Xylene
 Concen: 53.33 ug/l
 RT: 12.173 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

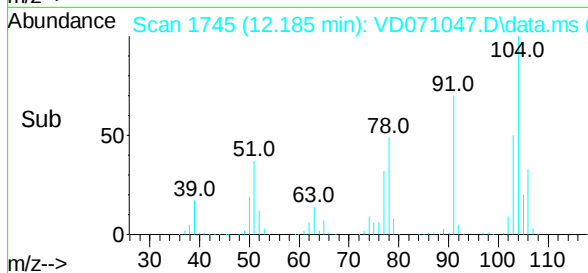
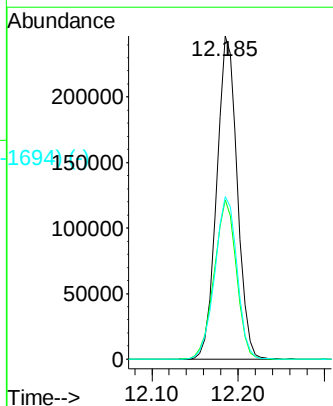
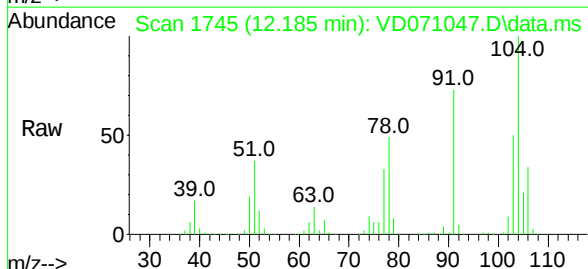
Instrument : MSVOA_D
 ClientSampleId :

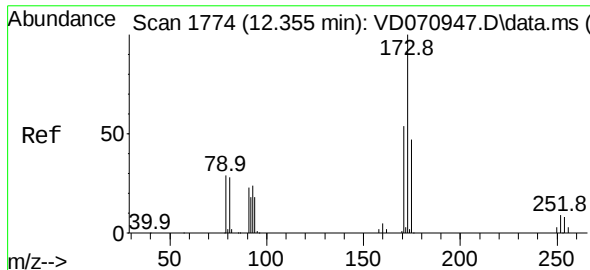
Tgt Ion:106 Resp: 240887
 Ion Ratio Lower Upper
 106 100
 91 221.0 106.3 319.0



Scan 1745 (12.185 min): VD070947.D\data.ms (-1759)
 Styrene
 Concen: 53.82 ug/l
 RT: 12.185 min Scan# 1745
 Delta R.T. -0.000 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

Tgt Ion:104 Resp: 411570
 Ion Ratio Lower Upper
 104 100
 78 53.1 39.4 59.0
 103 54.4 43.4 65.0





Bromoform

Concen: 53.38 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

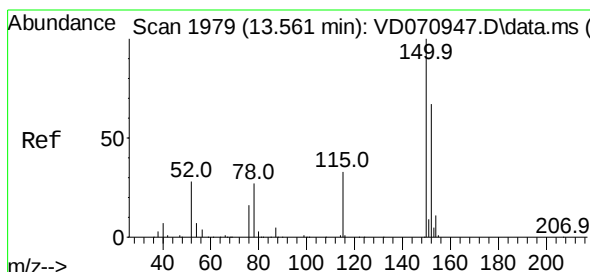
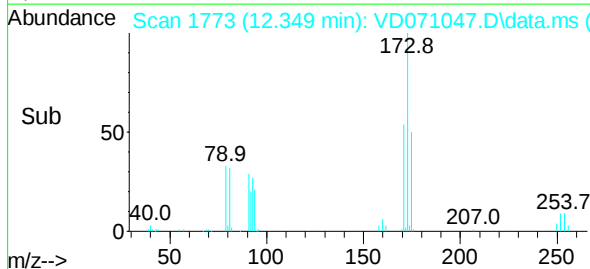
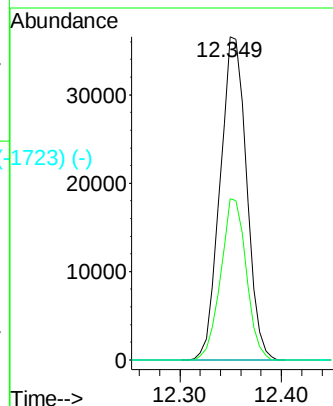
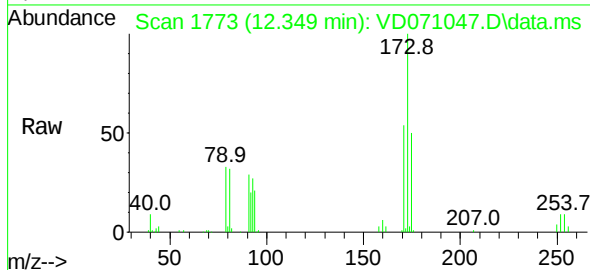
Tgt Ion:173 Resp: 66289

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

254 0.0 0.1 0.1#



1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

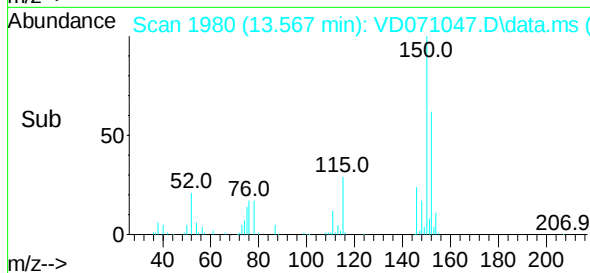
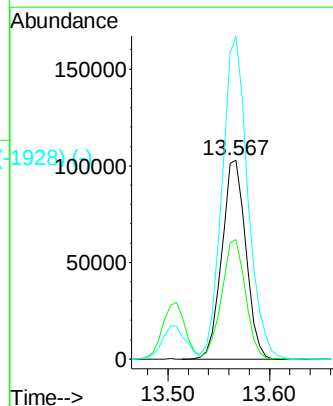
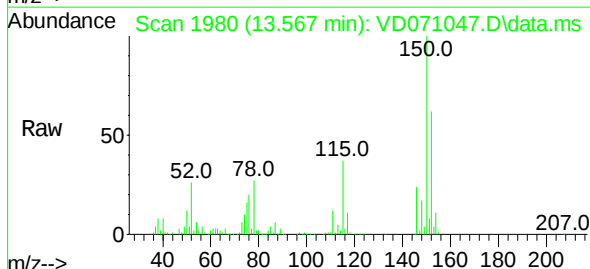
Tgt Ion:152 Resp: 168484

Ion Ratio Lower Upper

152 100

115 59.9 29.8 89.3

150 174.1 0.0 349.2



Abundance Scan 1794 (12.473 min): VD070947.D\data.ms (-1794) (-)

Isopropylbenzene

Concen: 53.19 ug/l

RT: 12.473 min Scan# 1794

Delta R.T. -0.000 min

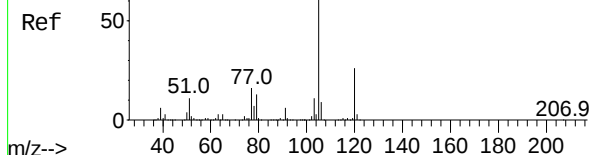
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

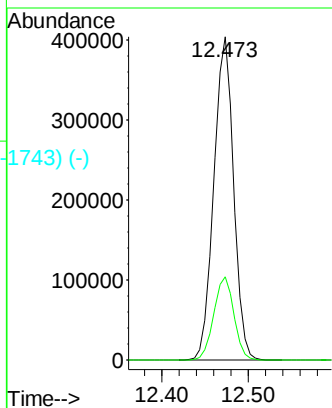
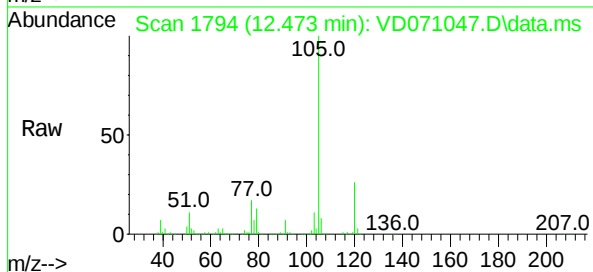


Tgt Ion:105 Resp: 645652

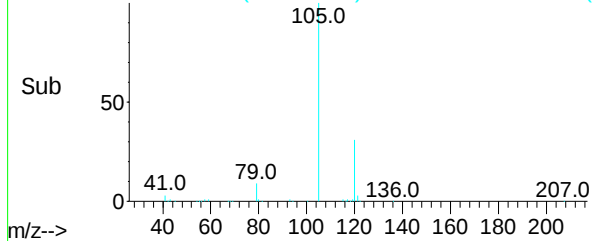
Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5



Abundance Scan 1794 (12.473 min): VD071047.D\data.ms (-1743) (-)



Abundance Scan 1761 (12.279 min): VD070947.D\data.ms (-1761) (-)

N-ethyl acetate

Concen: 49.57 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Tgt Ion: 43 Resp: 171897

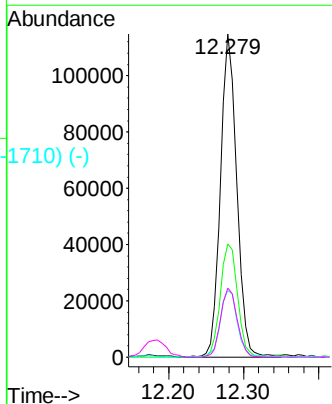
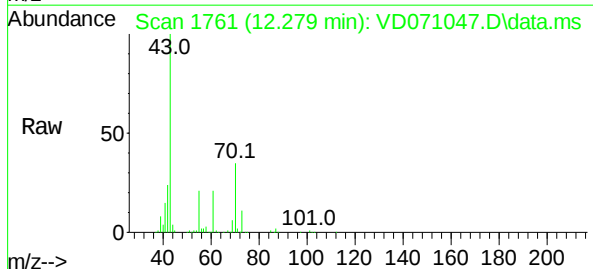
Ion Ratio Lower Upper

43 100

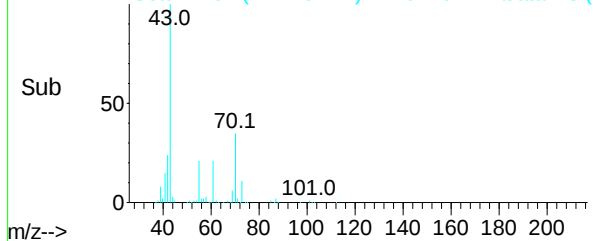
70 36.9 36.6 55.0

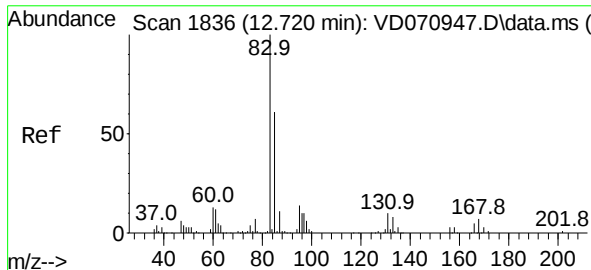
55 22.0 22.5 33.7#

61 21.7 20.5 30.7



Abundance Scan 1761 (12.279 min): VD071047.D\data.ms (-1710) (-)

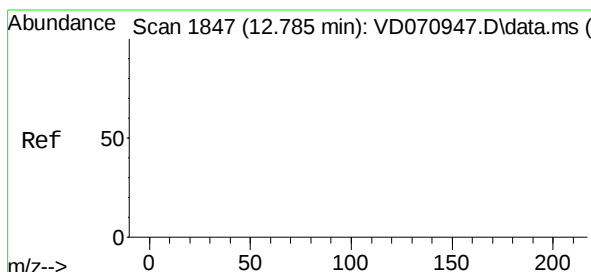
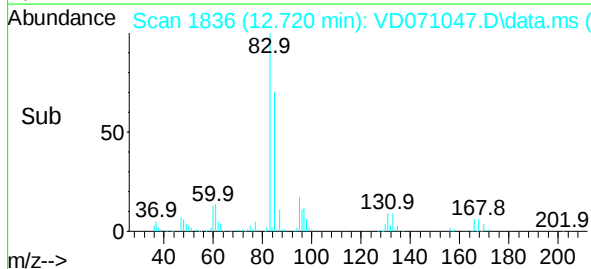
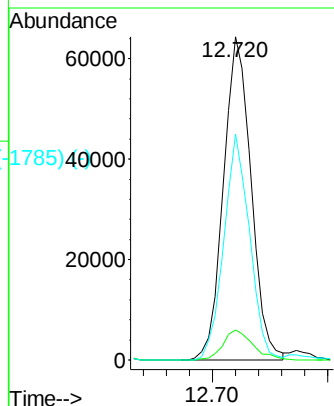
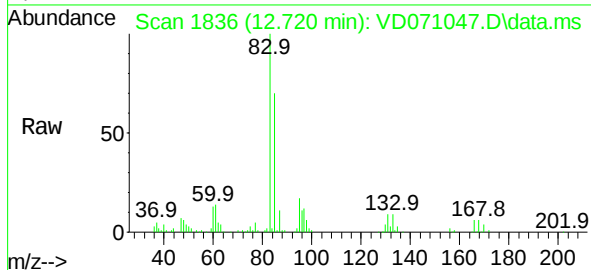




1,1,2,2-Tetrachloroethane
 Concen: 51.31 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

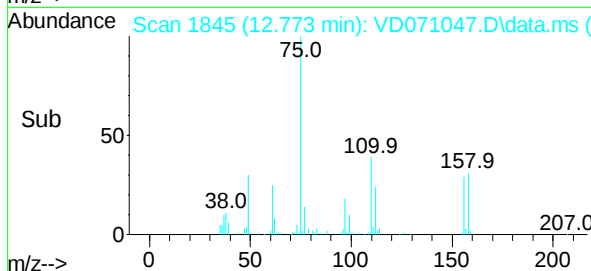
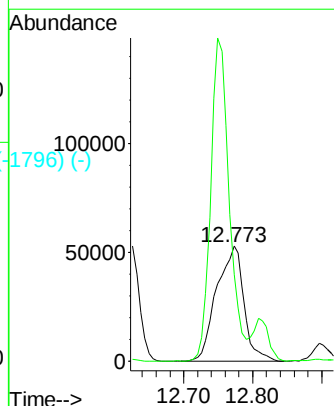
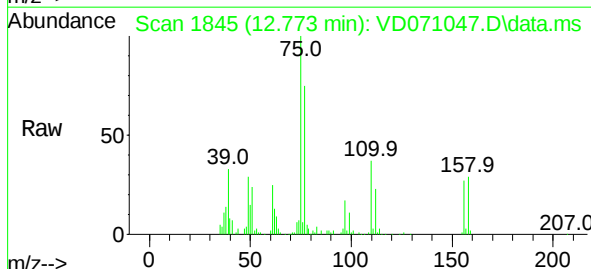
Instrument :
 MSVOA_D
 ClientSampleId :

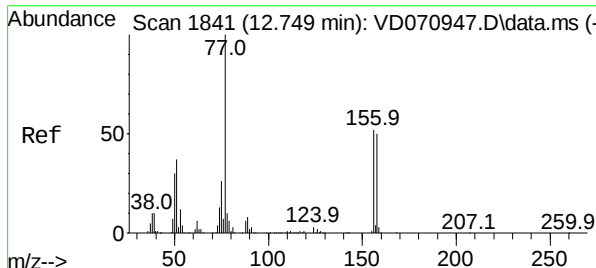
Tgt Ion: 83 Resp: 107194
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.9 14.7
 85 65.1 32.0 96.2



1,2,3-Trichloropropane
 Concen: 100.70 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.012 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

Tgt Ion: 75 Resp: 144929
 Ion Ratio Lower Upper
 75 100
 77 0.0 158.4 475.3#

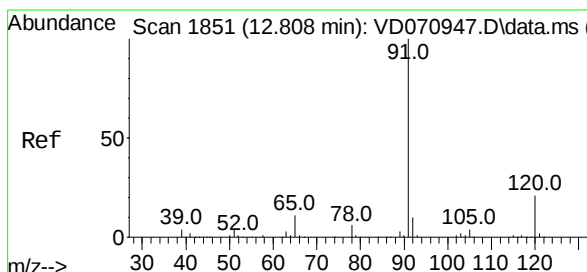
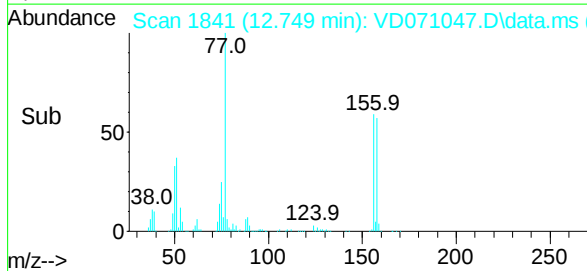
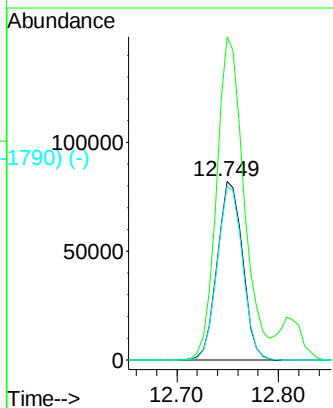
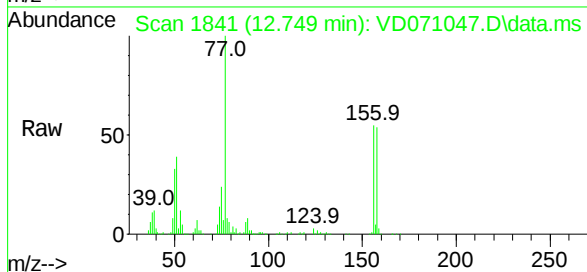




Scan 1841 (12.749 min): VD070947.D\data.ms (-1833) (-)
 Bromobenzene
 Concen: 54.78 ug/l
 RT: 12.749 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

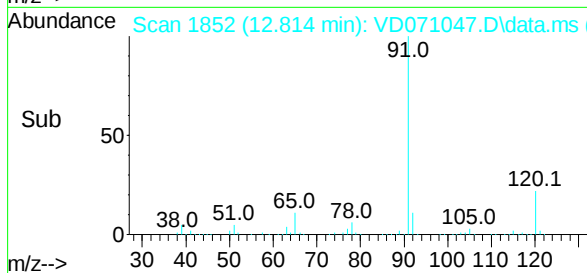
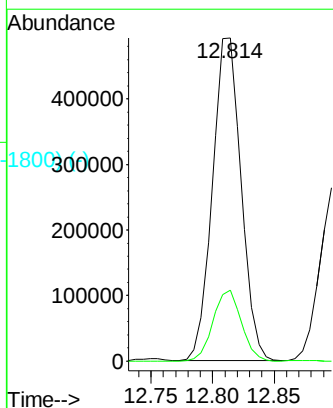
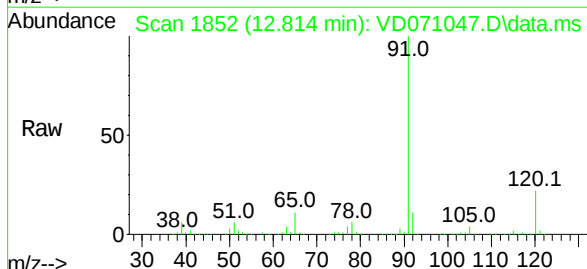
Instrument : MSVOA_D
 ClientSampleId :

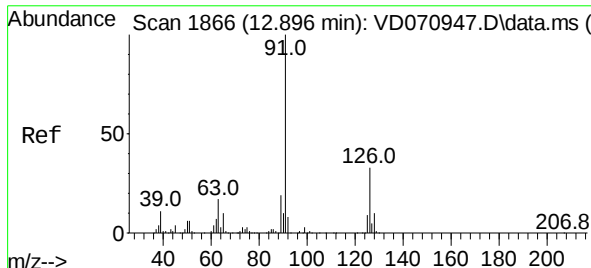
Tgt Ion:	156	Resp:	142072
Ion	Ratio	Lower	Upper
156	100		
77	195.2	96.6	289.8
158	97.0	49.1	147.4



Scan 1851 (12.808 min): VD070947.D\data.ms (-1875) (-)
 n-propylbenzene
 Concen: 53.12 ug/l
 RT: 12.814 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

Tgt Ion:	91	Resp:	798988
Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.9	32.9

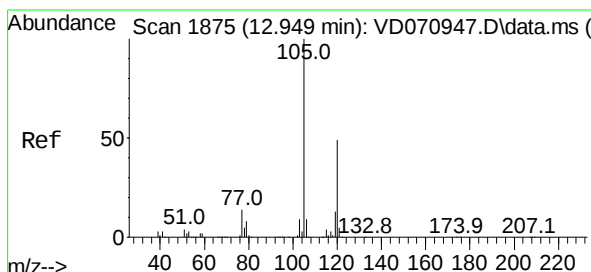
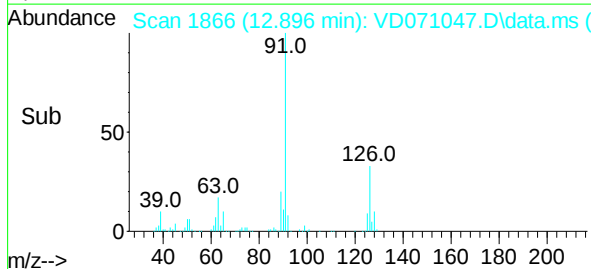
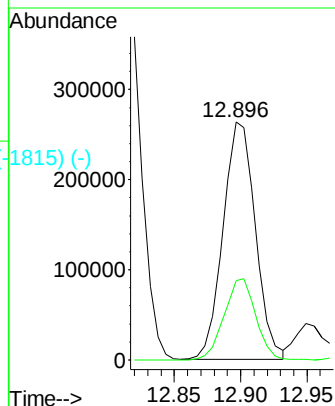
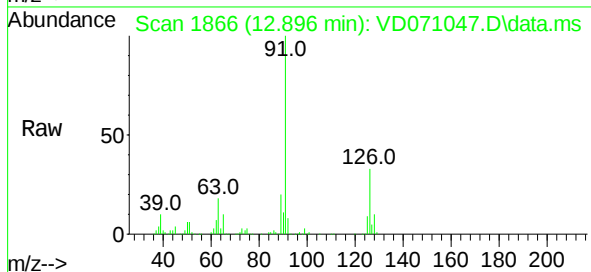




2-Chlorotoluene
Concen: 52.02 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

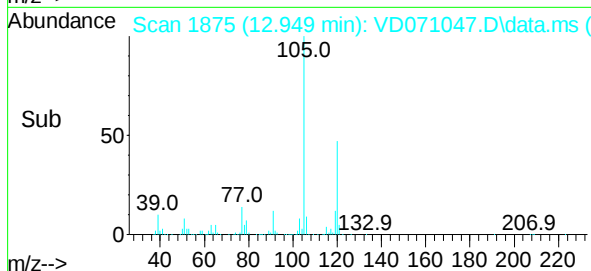
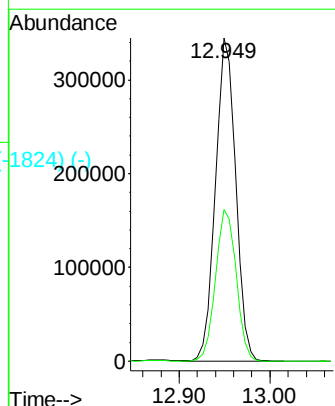
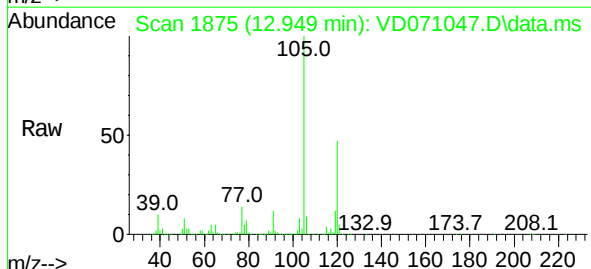
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 446081
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.7



1,3,5-Trimethylbenzene
Concen: 53.47 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion: 105 Resp: 534375
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.8



Abundance Scan 1801 (12.514 min): VD070947.D\data.ms (-1750) (-)

trans-1,4-Dichloro-2-butene

Concen: 43.09 ug/l

RT: 12.520 min Scan# 1801

Delta R.T. 0.006 min

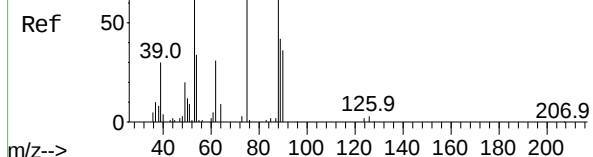
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :



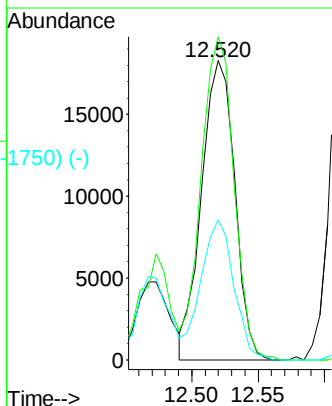
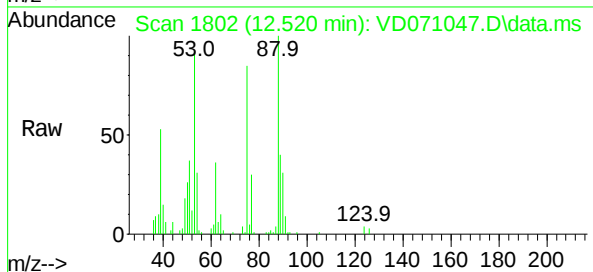
Tgt Ion: 75 Resp: 31826

Ion Ratio Lower Upper

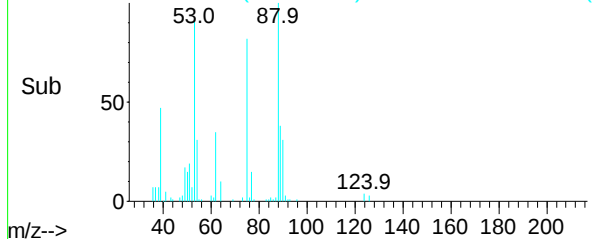
75 100

53 106.5 62.6 94.0#

89 46.7 34.5 51.7



Abundance Scan 1802 (12.520 min): VD071047.D\data.ms (-1750) (-)



Abundance Scan 1883 (12.996 min): VD070947.D\data.ms (-1832) (-)

4-Chlorotoluene

Concen: 51.85 ug/l

RT: 12.996 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VD071047.D

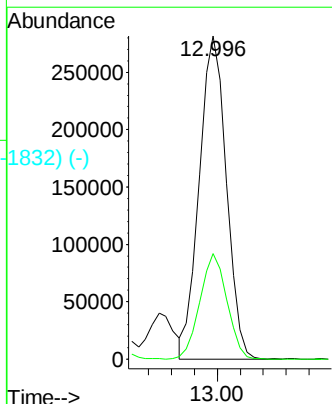
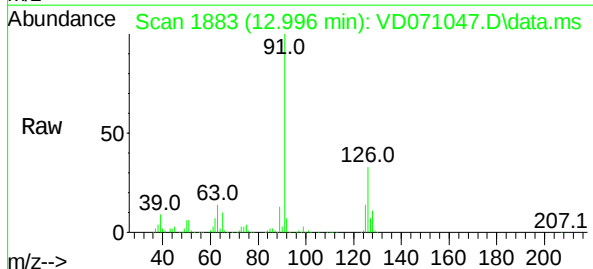
Acq: 16 Nov 2021 17:57

Tgt Ion: 91 Resp: 458898

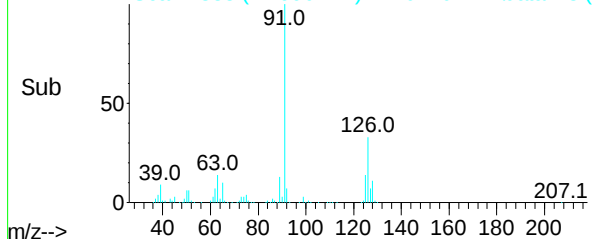
Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1



Abundance Scan 1883 (12.996 min): VD071047.D\data.ms (-1832) (-)



Abundance Scan 1919 (13.208 min): VD070947.D\data.ms (-1868) (-)

tert-Butylbenzene

Concen: 52.79 ug/l

RT: 13.214 min Scan# 1919

Delta R.T. 0.006 min

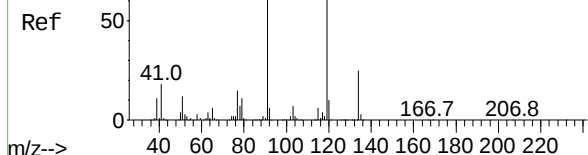
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :



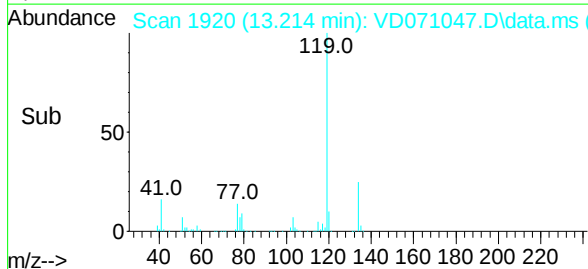
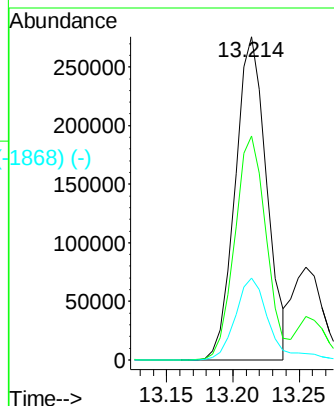
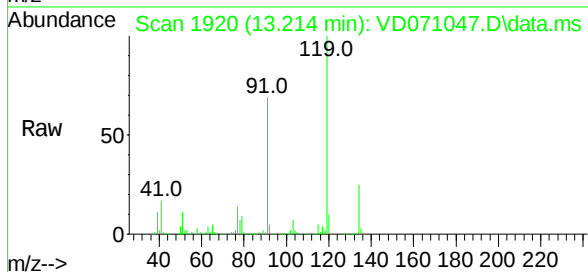
Tgt Ion:119 Resp: 454462

Ion Ratio Lower Upper

119 100

91 70.0 32.5 97.5

134 27.1 13.2 39.6



Abundance Scan 1927 (13.255 min): VD070947.D\data.ms (-1868) (-)

1,2,4-Trimethylbenzene

Concen: 52.97 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. 0.006 min

Lab File: VD071047.D

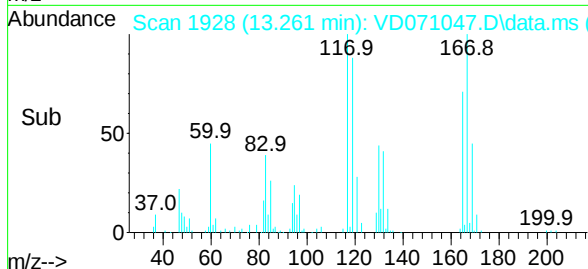
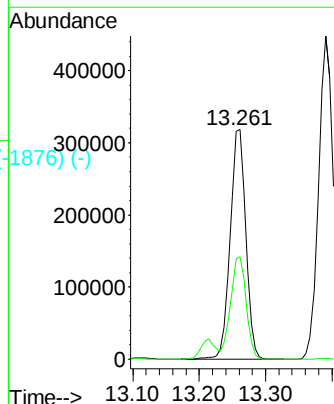
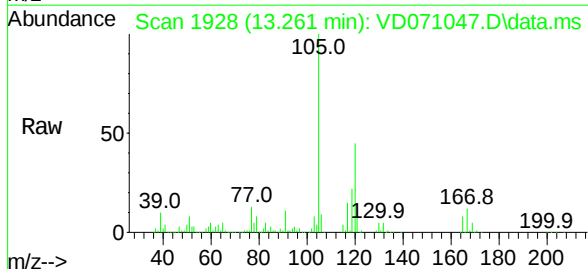
Acq: 16 Nov 2021 17:57

Tgt Ion:105 Resp: 518394

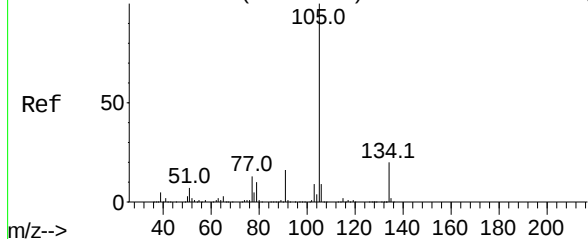
Ion Ratio Lower Upper

105 100

120 44.5 22.9 68.7



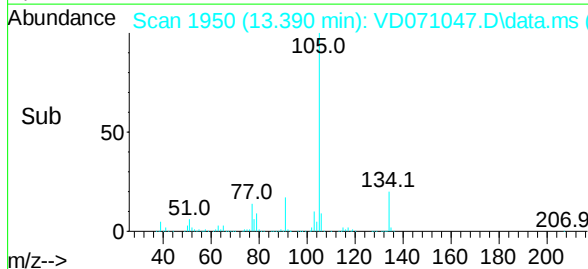
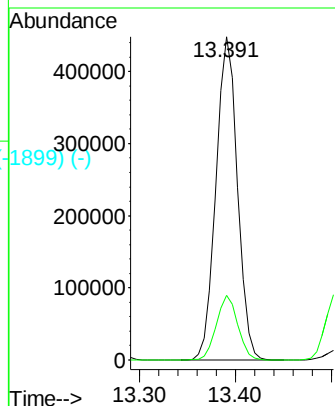
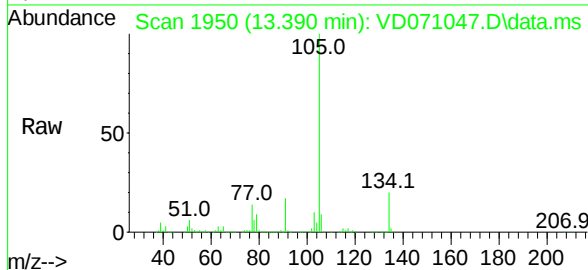
Abundance Scan 1950 (13.391 min): VD070947.D\data.ms (-1885) (-)



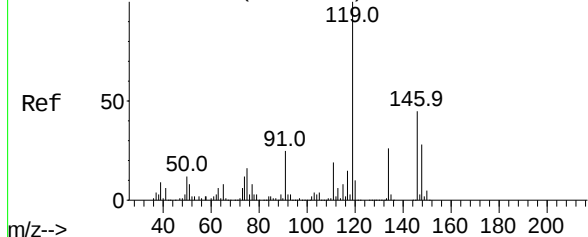
sec-Butylbenzene
Concen: 53.74 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 695513
Ion Ratio Lower Upper
105 100
134 19.8 9.7 28.9

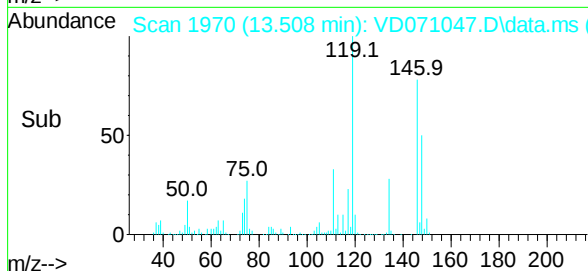
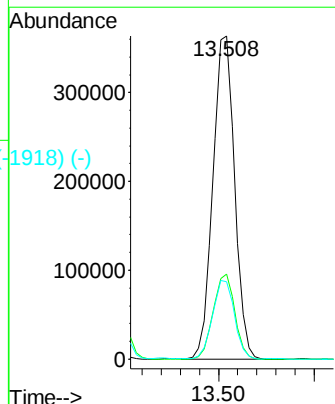
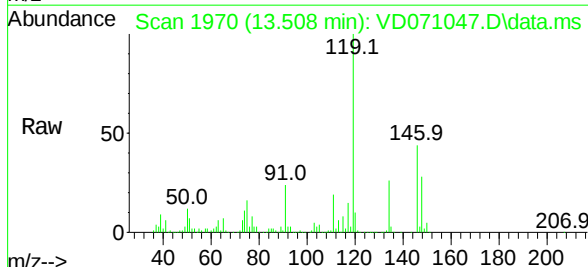


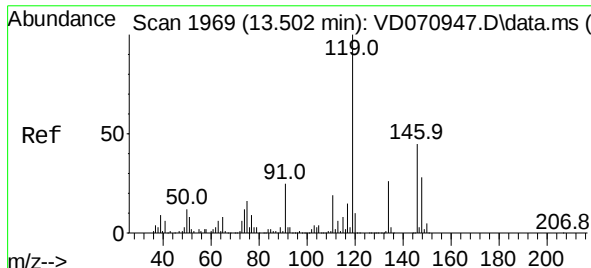
Abundance Scan 1969 (13.502 min): VD070947.D\data.ms (-1968) (-)



p-Isopropyltoluene
Concen: 54.92 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion:119 Resp: 570729
Ion Ratio Lower Upper
119 100
134 26.0 13.0 38.9
91 24.4 11.4 34.2

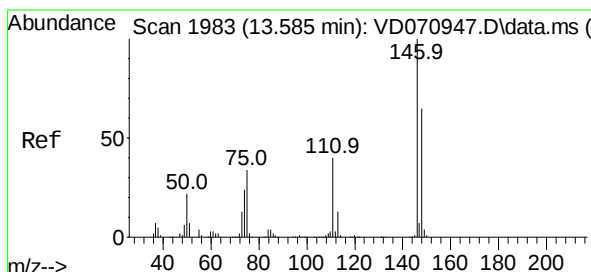
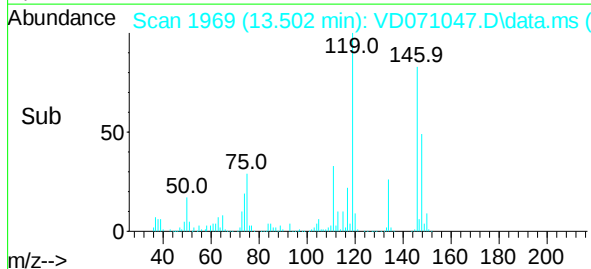
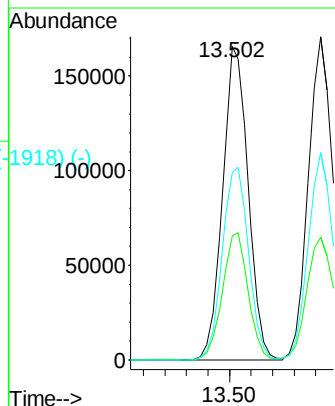
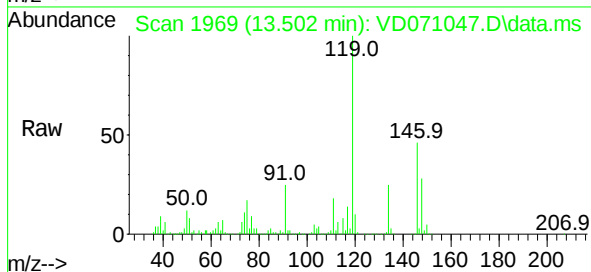




Scan 1969 (13.502 min): VD070947.D\data.ms (-1969) (-)
 1,3-Dichlorobenzene
 Concen: 54.20 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

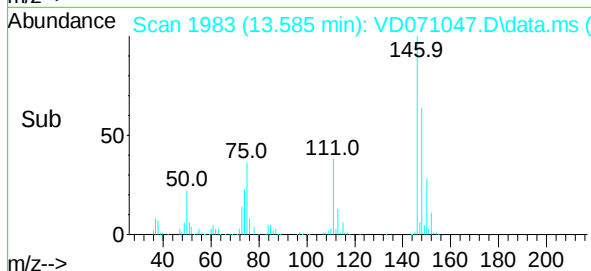
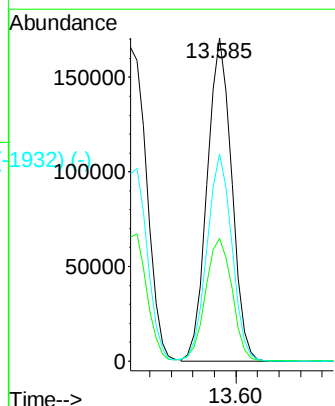
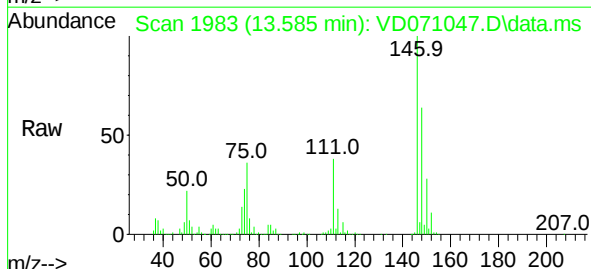
Instrument :
 MSVOA_D
 ClientSampleId :

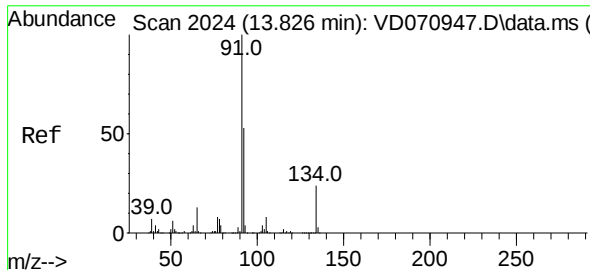
Tgt Ion:	146	Resp:	274826
Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.8	59.4
148	63.3	32.1	96.3



Scan 1983 (13.585 min): VD070947.D\data.ms (-1983) (-)
 1,4-Dichlorobenzene
 Concen: 53.34 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

Tgt Ion:	146	Resp:	270793
Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.6	58.8
148	65.0	31.5	94.5

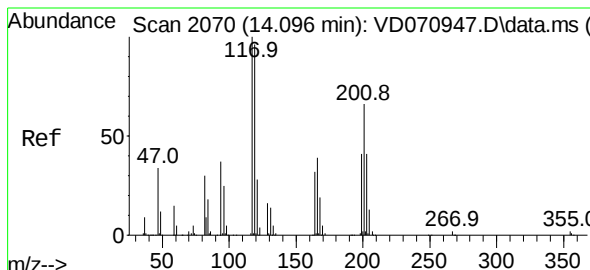
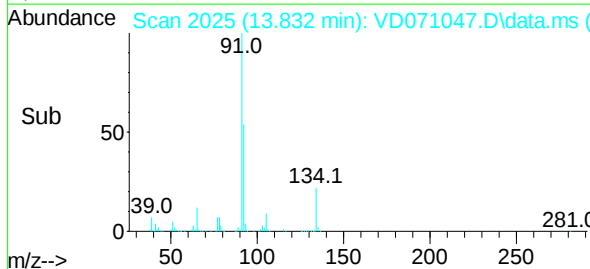
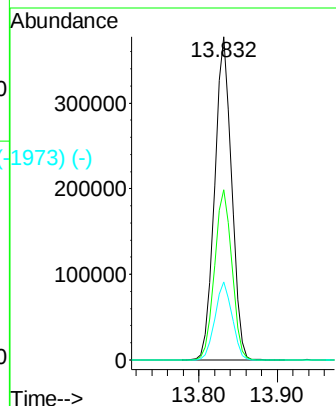
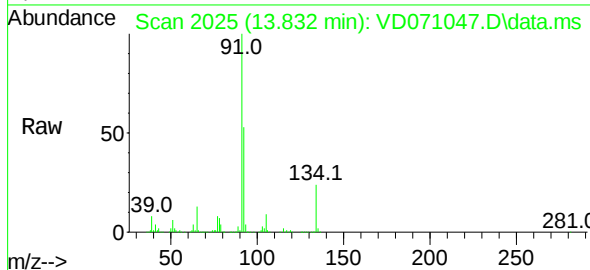




n-Butylbenzene
Concen: 53.94 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

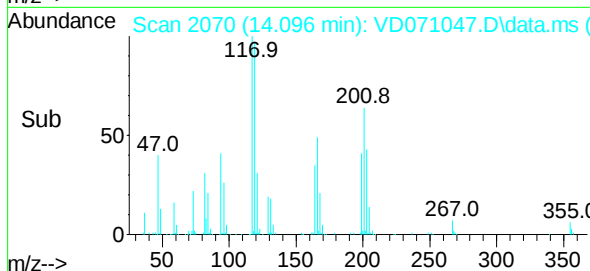
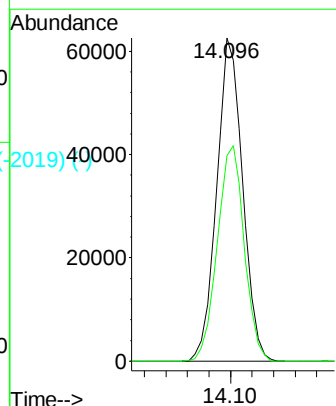
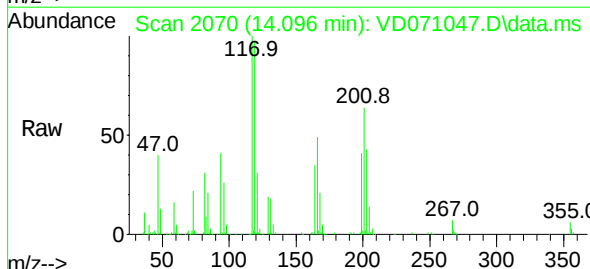
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	91	Resp:	563387
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.3	81.9
134	24.4	12.3	36.9

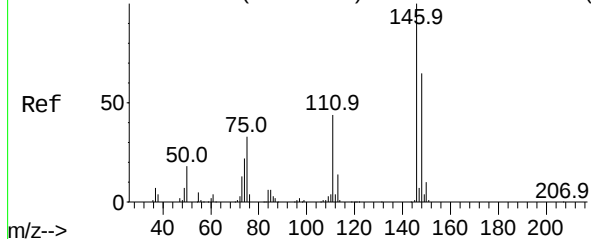


Hexachloroethane
Concen: 51.06 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion:	117	Resp:	105002
Ion	Ratio	Lower	Upper
117	100		
201	69.2	36.0	108.1



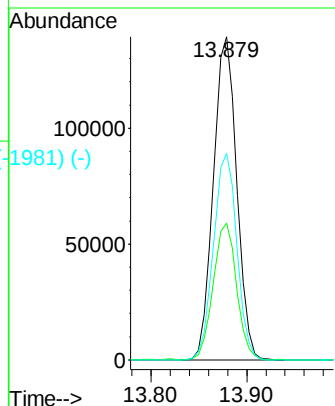
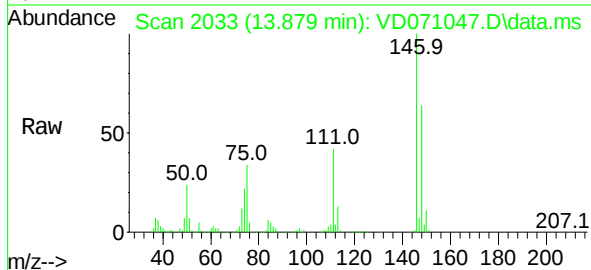
Abundance Scan 2032 (13.873 min): VD070947.D\data.ms (-2023) (-)



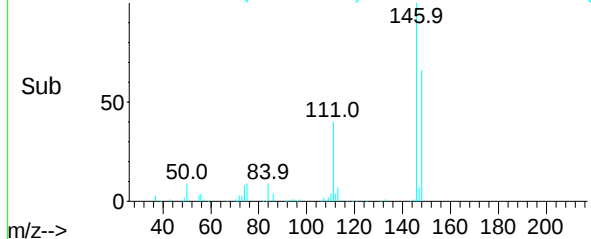
1,2-Dichlorobenzene
Concen: 53.62 ug/l
RT: 13.879 min Scan# 2129
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :

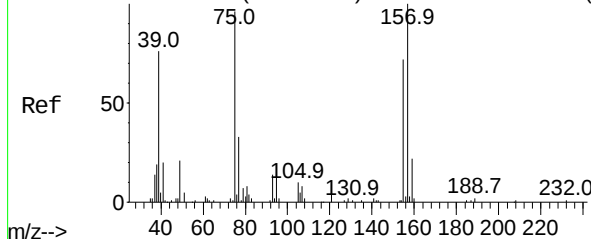
Tgt Ion:	146	Resp:	235599
Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.8	62.2
148	64.1	31.7	95.1



Abundance Scan 2033 (13.879 min): VD071047.D\data.ms (-1981) (-)

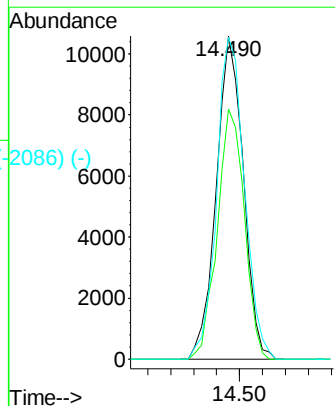
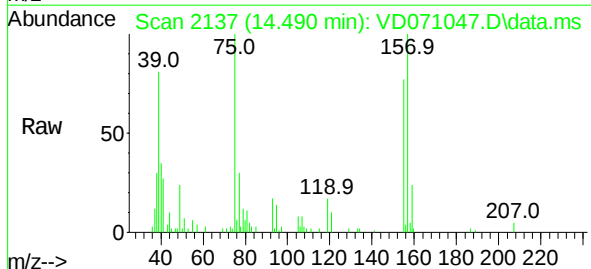


Abundance Scan 2137 (14.491 min): VD070947.D\data.ms (-2129) (-)

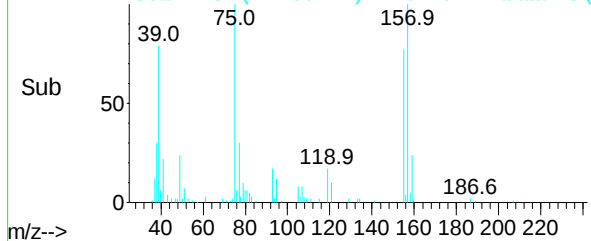


1,2-Dibromo-3-Chloropropane
Concen: 50.49 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion:	75	Resp:	17301
Ion	Ratio	Lower	Upper
75	100		
155	77.4	40.0	120.0
157	102.1	49.8	149.3



Abundance Scan 2137 (14.490 min): VD071047.D\data.ms (-2086) (-)



Abundance Scan 2248 (15.143 min): VD070947.D\data.ms (-2199) (-)

1,2,4-Trichlorobenzene

Concen: 53.43 ug/l

RT: 15.149 min Scan# 2248

Delta R.T. 0.006 min

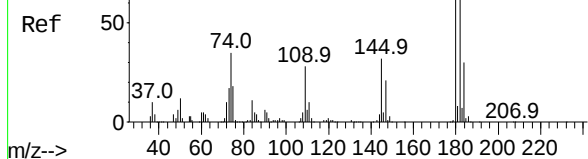
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :



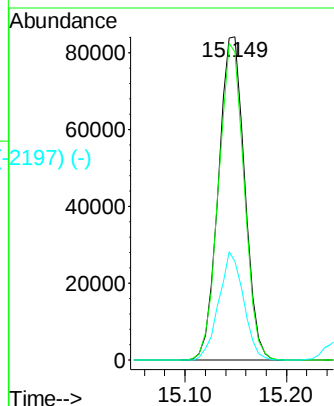
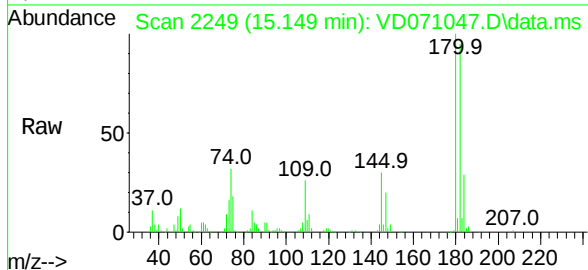
Tgt Ion:180 Resp: 150187

Ion Ratio Lower Upper

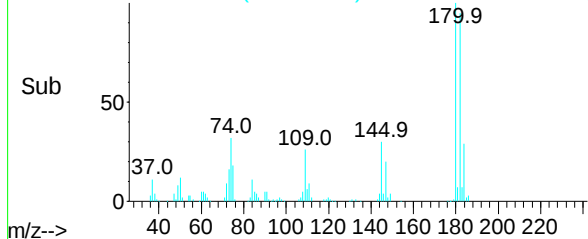
180 100

182 95.8 48.2 144.6

145 31.6 15.4 46.2



Abundance Scan 2249 (15.149 min): VD071047.D\data.ms (-2197) (-)



Abundance Scan 2266 (15.249 min): VD070947.D\data.ms (-2197) (-)

Hexachlorobutadiene

Concen: 58.67 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

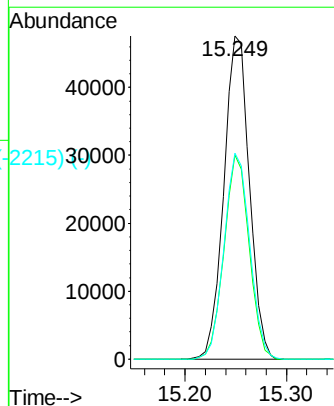
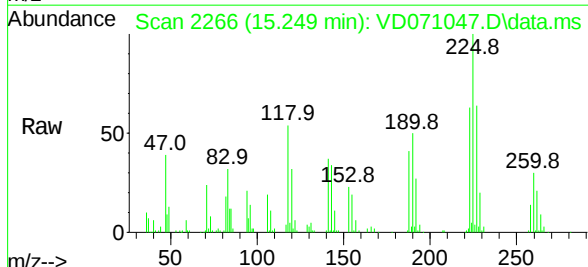
Tgt Ion:225 Resp: 83179

Ion Ratio Lower Upper

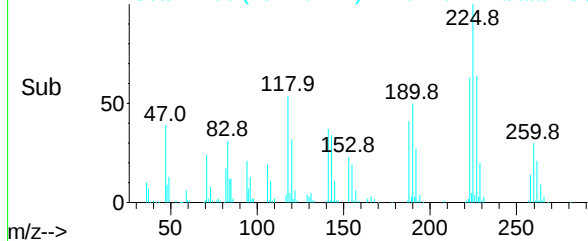
225 100

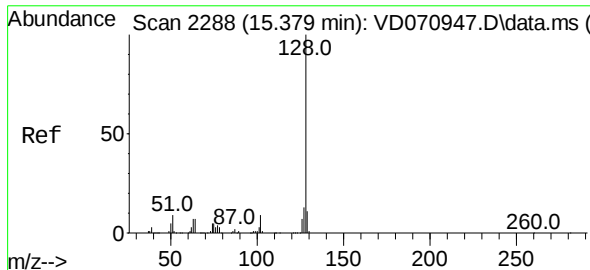
223 62.1 31.8 95.3

227 64.3 31.6 94.8



Abundance Scan 2266 (15.249 min): VD071047.D\data.ms (-2215) (-)

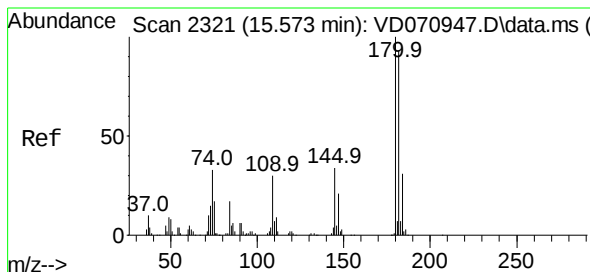
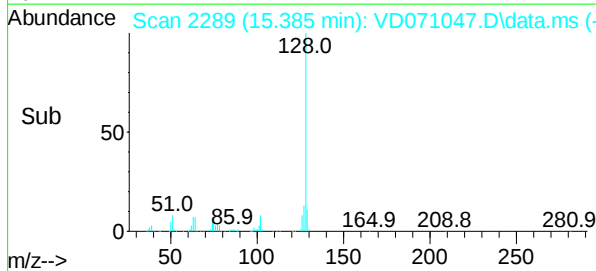
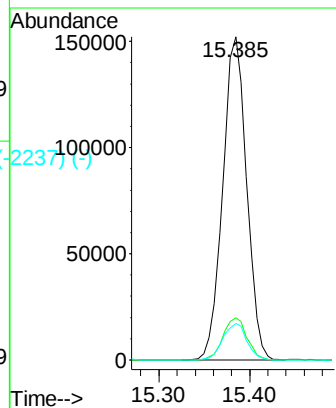
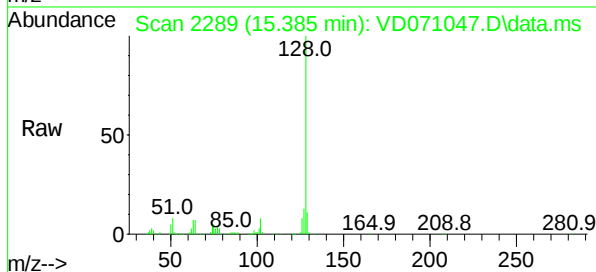




Scan 2288 (15.379 min): VD070947.D\data.ms (-2288) (-)
 Naphthalene
 Concen: 51.75 ug/l
 RT: 15.385 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	277775
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	11.3	8.7	13.1



Scan 2321 (15.573 min): VD070947.D\data.ms (-2321) (-)
 1,2,3-Trichlorobenzene
 Concen: 54.10 ug/l
 RT: 15.579 min Scan# 2322
 Delta R.T. 0.006 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

Tgt Ion:	180	Resp:	127878
Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.7	140.1
145	33.6	15.9	47.6

