

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071038.D
 Acq On : 16 Nov 2021 11:58
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 17 03:21:37 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	243379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	408979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	360802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	163367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	120174	46.38	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	92.76%	
35) Dibromofluoromethane	7.914	113	111299	48.23	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	96.46%	
50) Toluene-d8	10.338	98	424817	47.00	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	94.00%	
62) 4-Bromofluorobenzene	12.626	95	146532	45.03	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	90.06%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	106151	51.05	ug/l	95
3) Chloromethane	2.209	50	139050	56.20	ug/l	98
4) Vinyl Chloride	2.350	62	160211	67.33	ug/l	100
5) Bromomethane	2.774	94	102413	63.14	ug/l	99
6) Chloroethane	2.926	64	105729	69.18	ug/l	93
7) Trichlorofluoromethane	3.279	101	215880	56.37	ug/l	97
8) Diethyl Ether	3.709	74	57432	45.31	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.103	101	126311	53.51	ug/l	95
10) Methyl Iodide	4.303	142	129896	46.50	ug/l	97
11) Tert butyl alcohol	5.209	59	54108	285.71	ug/l #	90
12) 1,1-Dichloroethene	4.074	96	113863	49.27	ug/l	83
13) Acrolein	3.926	56	12406	213.56	ug/l	94
14) Allyl chloride	4.715	41	228969	47.57	ug/l #	81
15) Acrylonitrile	5.420	53	141034	232.54	ug/l	98
16) Acetone	4.156	43	181909	259.16	ug/l	89
17) Carbon Disulfide	4.415	76	341970	45.83	ug/l	98
18) Methyl Acetate	4.715	43	100968	45.42	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	279594	46.86	ug/l	99
20) Methylene Chloride	4.968	84	135899	46.09	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	128368	48.46	ug/l	85
22) Diisopropyl ether	6.362	45	459702	48.04	ug/l	92
23) Vinyl Acetate	6.303	43	1099249	218.12	ug/l	97
24) 1,1-Dichloroethane	6.268	63	256315	50.15	ug/l	100
25) 2-Butanone	7.209	43	197794	221.27	ug/l	90
26) 2,2-Dichloropropane	7.209	77	229899	53.29	ug/l	94
27) cis-1,2-Dichloroethene	7.209	96	151876	50.16	ug/l	93
28) Bromochloromethane	7.544	49	102821	47.43	ug/l	86
29) Tetrahydrofuran	7.562	42	116233	220.77	ug/l	91
30) Chloroform	7.709	83	253777	52.22	ug/l	100
31) Cyclohexane	7.985	56	244516	45.88	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	225254	53.97	ug/l #	93
36) 1,1-Dichloropropene	8.114	75	199855	54.73	ug/l	97
37) Ethyl Acetate	7.291	43	82465	49.50	ug/l #	93
38) Carbon Tetrachloride	8.097	117	195492	58.13	ug/l	97
39) Methylcyclohexane	9.356	83	241317	51.17	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.350	78	537237	52.24	ug/l	96
41) Methacrylonitrile	7.520	41	41419	35.45	ug/l	92
42) 1,2-Dichloroethane	8.420	62	161651	55.50	ug/l	94
43) Isopropyl Acetate	8.450	43	171284	48.58	ug/l #	89
44) Trichloroethene	9.109	130	138502	52.25	ug/l	95
45) 1,2-Dichloropropane	9.385	63	141358	50.83	ug/l	97
46) Dibromomethane	9.473	93	69675	52.63	ug/l	94
47) Bromodichloromethane	9.656	83	191519	54.70	ug/l	97
48) Methyl methacrylate	9.450	41	83014	48.00	ug/l #	81
49) 1,4-Dioxane	9.456	88	13997	912.60	ug/l #	87
51) 4-Methyl-2-Pentanone	10.220	43	419526	245.43	ug/l	91
52) Toluene	10.397	92	339452	52.37	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	175894	49.82	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	211323	50.75	ug/l #	83
55) 1,1,2-Trichloroethane	10.791	97	91119	50.08	ug/l	95
56) Ethyl methacrylate	10.656	69	120328	46.74	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	168672	51.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	286292	213.93	ug/l	100
59) 2-Hexanone	10.979	43	316223	237.43	ug/l	88
60) Dibromochloromethane	11.132	129	112235	51.42	ug/l	97
61) 1,2-Dibromoethane	11.238	107	89508	50.58	ug/l	99
64) Tetrachloroethene	10.873	164	113316	53.86	ug/l	97
65) Chlorobenzene	11.667	112	347680	54.01	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	123041	53.85	ug/l	99
67) Ethyl Benzene	11.738	91	659223	54.07	ug/l	97
68) m/p-Xylenes	11.850	106	499064	109.53	ug/l	96
69) o-Xylene	12.173	106	234206	54.04	ug/l	98
70) Styrene	12.185	104	391488	53.35	ug/l	96
71) Bromoform	12.355	173	61396	51.53	ug/l #	96
73) Isopropylbenzene	12.473	105	639207	54.31	ug/l	99
74) N-amyl acetate	12.279	43	158614	47.17	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	101999	50.35	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	136718	97.97	ug/l	38
77) Bromobenzene	12.755	156	132015	52.50	ug/l	98
78) n-propylbenzene	12.814	91	792335	54.33	ug/l	100
79) 2-Chlorotoluene	12.902	91	434640	52.27	ug/l	100
80) 1,3,5-Trimethylbenzene	12.950	105	522604	53.93	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	29343	41.14	ug/l #	74
82) 4-Chlorotoluene	12.997	91	451901	52.66	ug/l	99
83) tert-Butylbenzene	13.214	119	442810	53.05	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	504186	53.13	ug/l	99
85) sec-Butylbenzene	13.391	105	688997	54.90	ug/l	99
86) p-Isopropyltoluene	13.508	119	571073	56.67	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	265817	54.06	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	255370	51.88	ug/l	96
89) n-Butylbenzene	13.832	91	560184	55.32	ug/l	99
90) Hexachloroethane	14.102	117	106947	53.63	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	229835	53.95	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	15546	46.79	ug/l	96
93) 1,2,4-Trichlorobenzene	15.144	180	143865	52.78	ug/l	97
94) Hexachlorobutadiene	15.249	225	81803	59.51	ug/l	100
95) Naphthalene	15.385	128	251033	48.23	ug/l	100

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Quant Title : Sw846 8260
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Response via : Initial Calibration

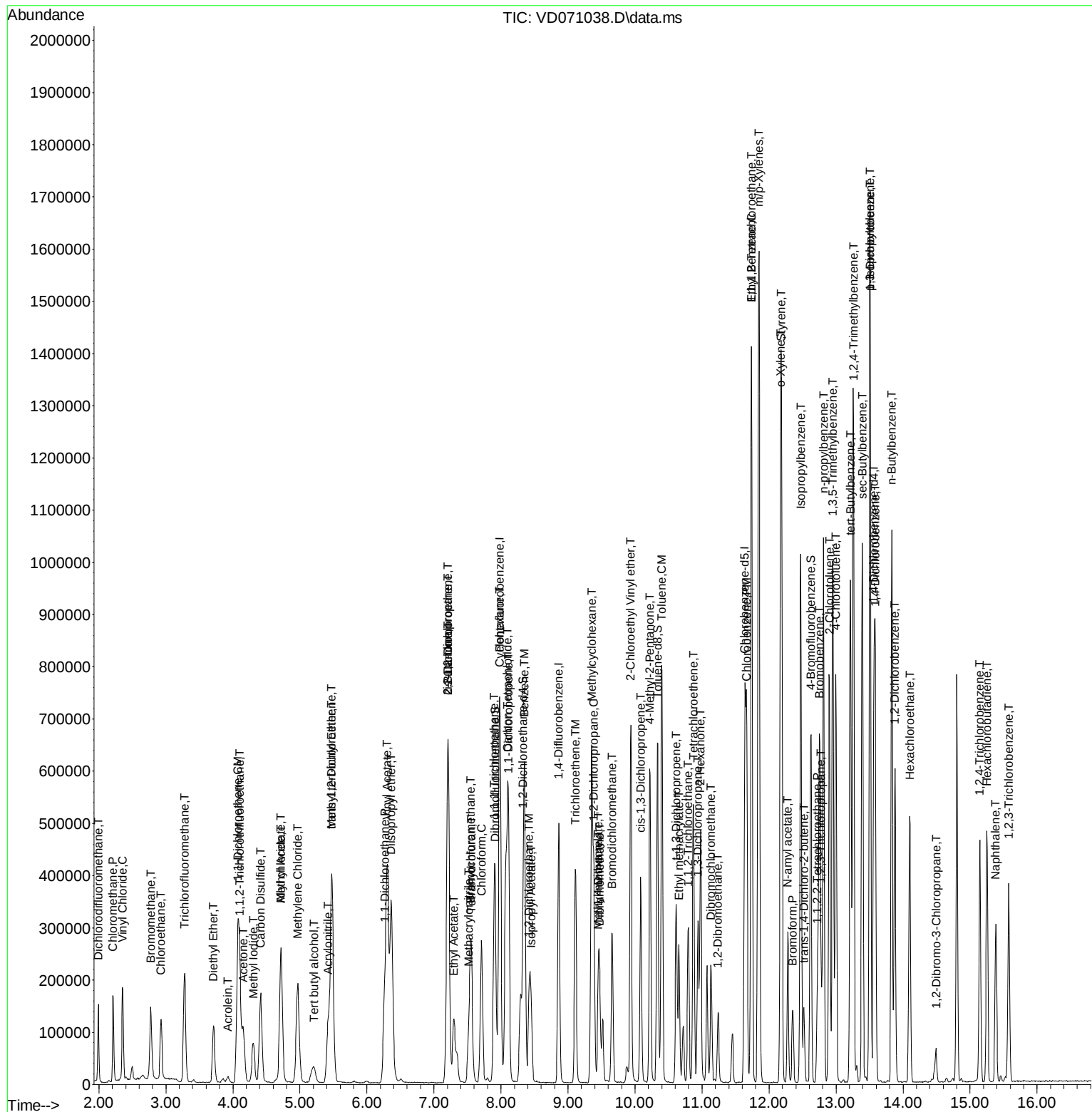
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.579	180	120563	52.61	ug/l	97

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

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 Acq On : 16 Nov 2021 11:58
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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: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:168 Resp: 243379

Ion Ratio Lower Upper

168 100

99 62.5 46.6 69.8

Abundance Scan 1030 (7.979 min): VD071038.D\data.ms

Ref 50

56.0 84.0 168.0

37.0 117.0 137.0

m/z-->

Abundance Scan 1030 (7.979 min): VD071038.D\data.ms (-979) (-)

Raw 50

56.0 84.1 168.0

37.0 117.0 137.0

m/z-->

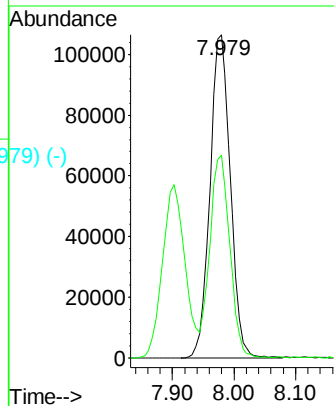
Abundance Scan 1030 (7.979 min): VD071038.D\data.ms (-979) (-)

Sub 50

56.0 84.0 168.0

37.0 117.0 137.0

m/z-->



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

Dichlorodifluoromethane

Concen: 51.05 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Tgt Ion: 85 Resp: 106151

Ion Ratio Lower Upper

85 100

87 33.0 15.2 45.6

Abundance Scan 12 (1.991 min): VD071038.D\data.ms

Ref 50

84.9

37.0 50.0 66.0 100.9

m/z-->

Abundance Scan 12 (1.991 min): VD071038.D\data.ms (-1) (-)

Raw 50

84.9

37.0 50.0 66.0 100.9

m/z-->

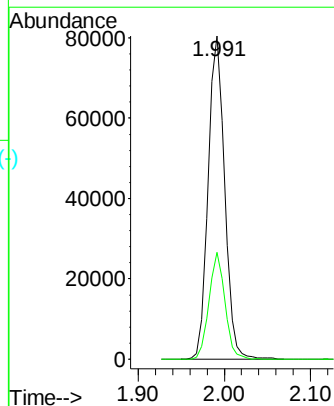
Abundance Scan 12 (1.991 min): VD071038.D\data.ms (-1) (-)

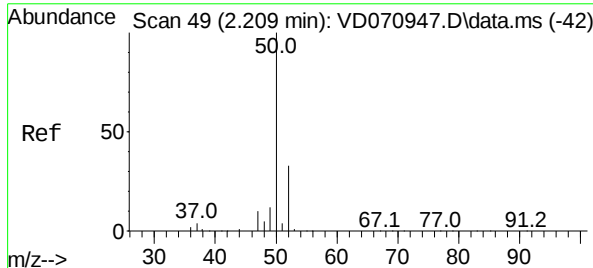
Sub 50

84.9

37.0 50.0 66.0 100.9

m/z-->





Chloromethane

Concen: 56.20 ug/l

RT: 2.209 min Scan# 4

Delta R.T. -0.000 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

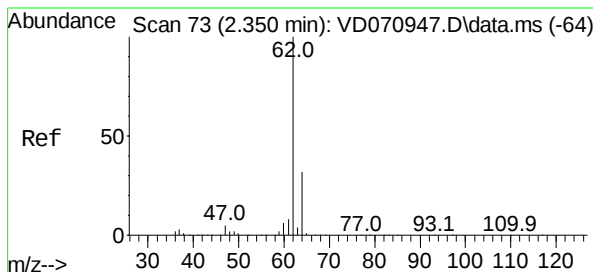
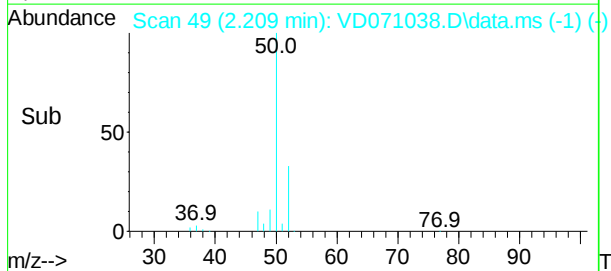
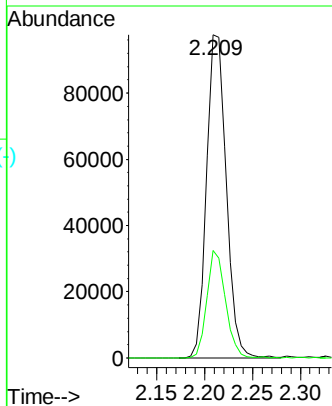
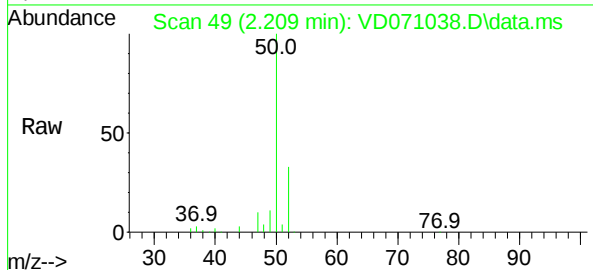
ClientSampleId :

Tgt Ion: 50 Resp: 139050

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.8



Vinyl Chloride

Concen: 67.33 ug/l

RT: 2.350 min Scan# 73

Delta R.T. 0.000 min

Lab File: VD071038.D

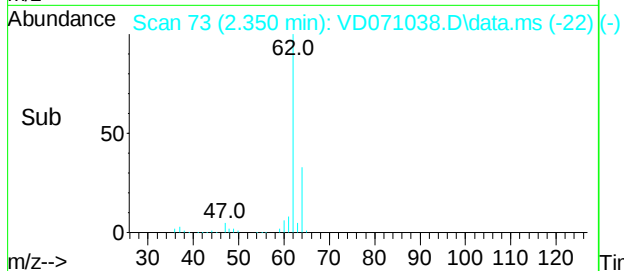
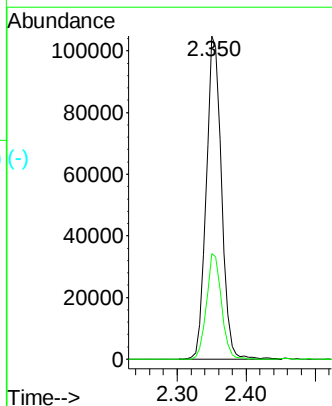
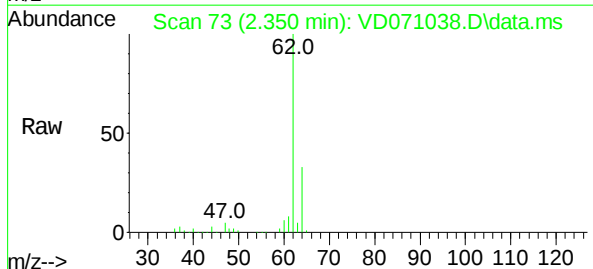
Acq: 16 Nov 2021 11:58

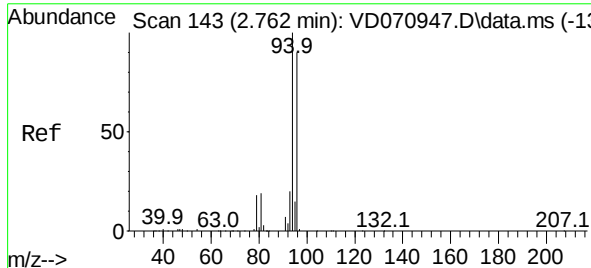
Tgt Ion: 62 Resp: 160211

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0





Bromomethane

Concen: 63.14 ug/l

RT: 2.774 min Scan# 143

Delta R.T. 0.012 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

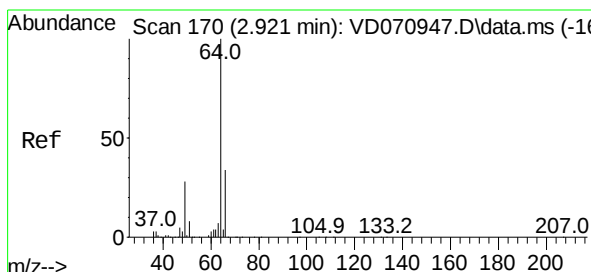
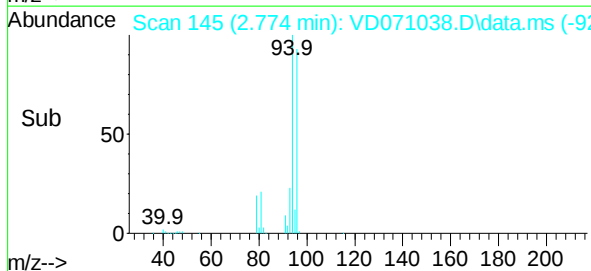
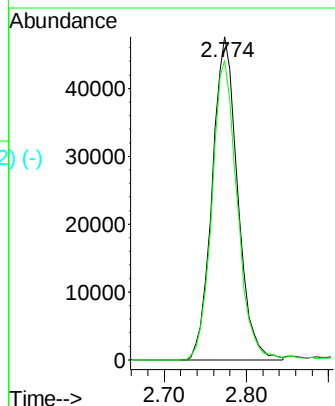
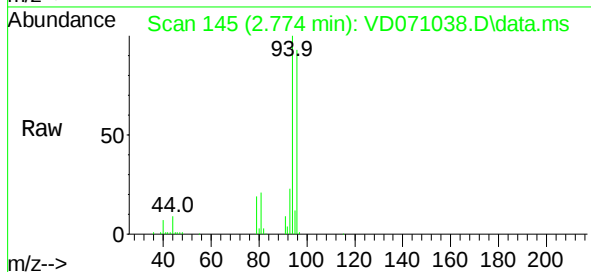
ClientSampleId :

Tgt Ion: 94 Resp: 102413

Ion Ratio Lower Upper

94 100

96 92.7 74.8 112.2



Chloroethane

Concen: 69.18 ug/l

RT: 2.926 min Scan# 171

Delta R.T. 0.006 min

Lab File: VD071038.D

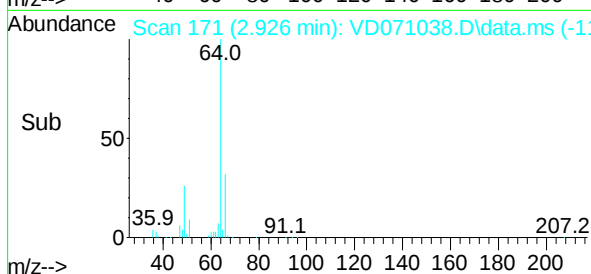
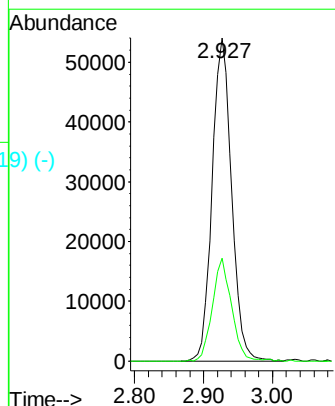
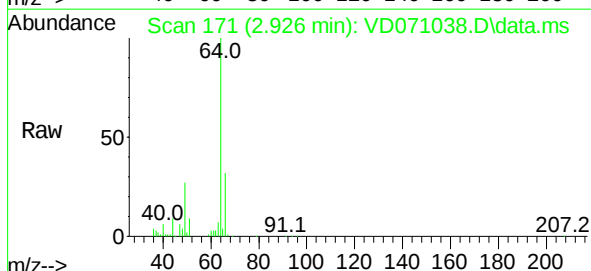
Acq: 16 Nov 2021 11:58

Tgt Ion: 64 Resp: 105729

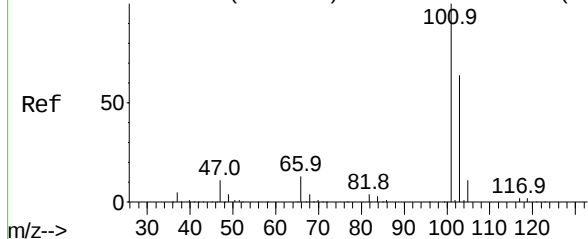
Ion Ratio Lower Upper

64 100

66 32.0 29.0 43.4



Abundance Scan 230 (3.273 min): VD070947.D\data.ms (-219)#7



Trichlorofluoromethane

Concen: 56.37 ug/l

RT: 3.279 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD071038.D

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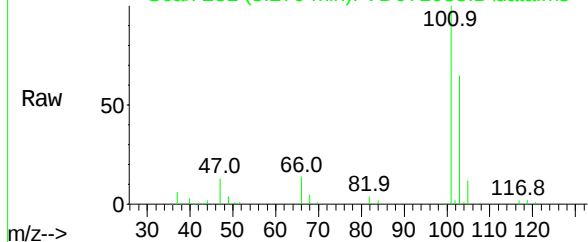
Tgt Ion:101 Resp: 215880

Ion Ratio Lower Upper

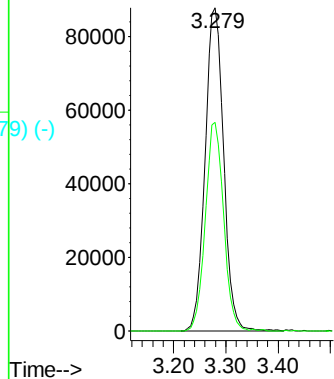
101 100

103 64.6 49.7 74.5

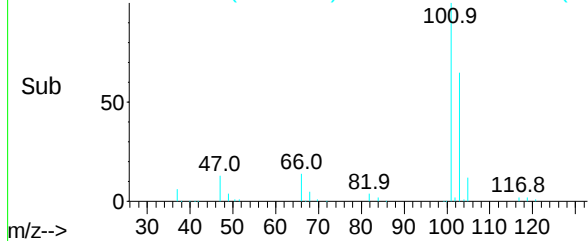
Abundance Scan 231 (3.279 min): VD071038.D\data.ms



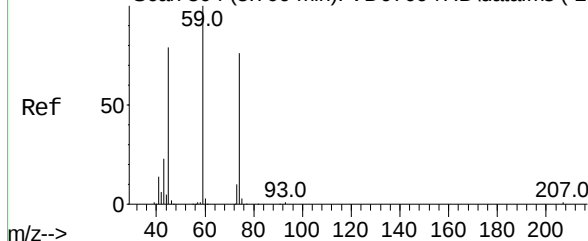
Abundance



Abundance Scan 231 (3.279 min): VD071038.D\data.ms (-179) (-)



Abundance Scan 304 (3.709 min): VD070947.D\data.ms (-293)#8



Diethyl Ether

Concen: 45.31 ug/l

RT: 3.709 min Scan# 304

Delta R.T. -0.000 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

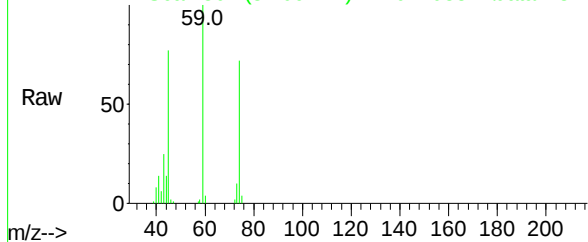
Tgt Ion: 74 Resp: 57432

Ion Ratio Lower Upper

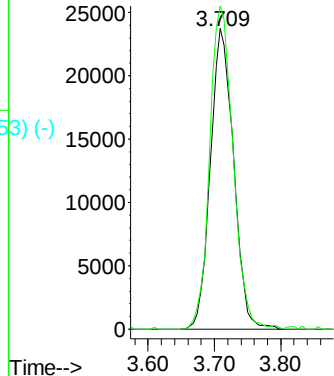
74 100

45 108.9 49.6 149.0

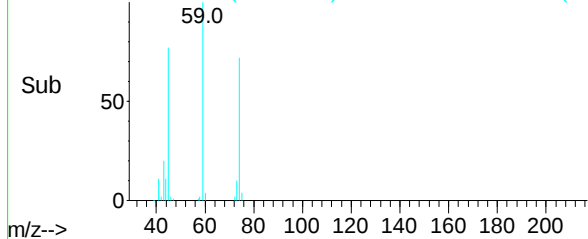
Abundance Scan 304 (3.709 min): VD071038.D\data.ms

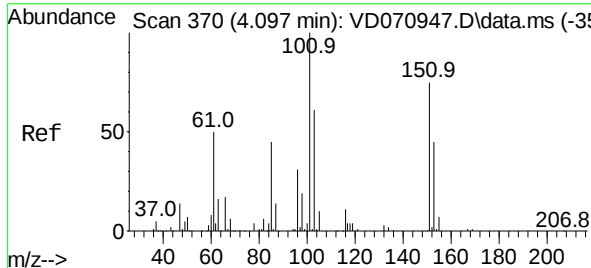


Abundance



Abundance Scan 304 (3.709 min): VD071038.D\data.ms (-253) (-)





1,1,2-Trichlorotrifluoroethane

Concen: 53.51 ug/l

RT: 4.103 min Scan# 405

Delta R.T. 0.006 min MSVOA_D

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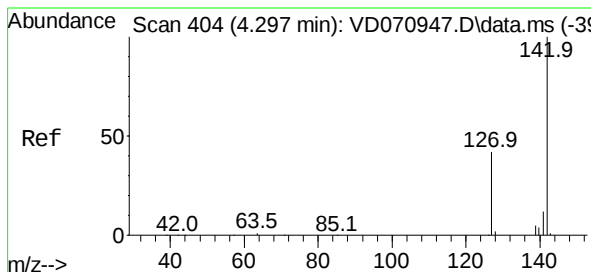
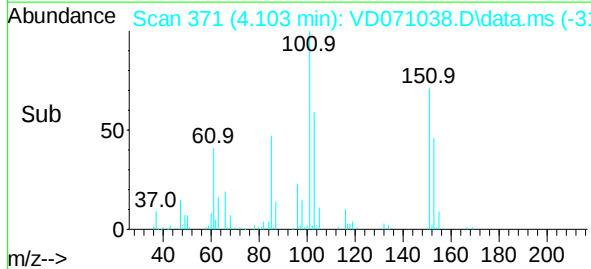
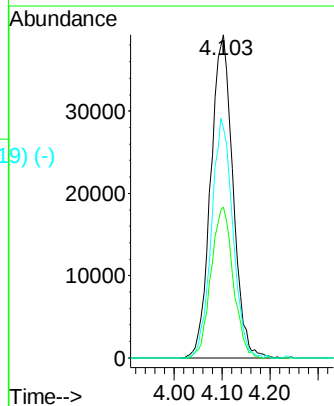
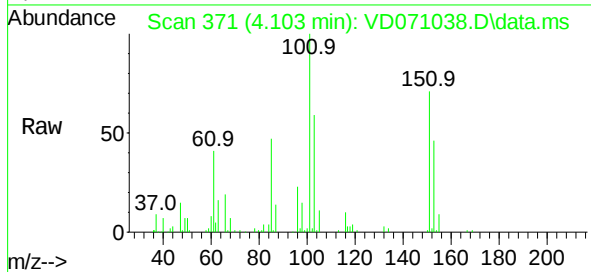
Tgt Ion:101 Resp: 126311

Ion Ratio Lower Upper

101 100

85 46.6 34.8 52.2

151 71.3 60.4 90.6



Methyl Iodide

Concen: 46.50 ug/l

RT: 4.303 min Scan# 405

Delta R.T. 0.006 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

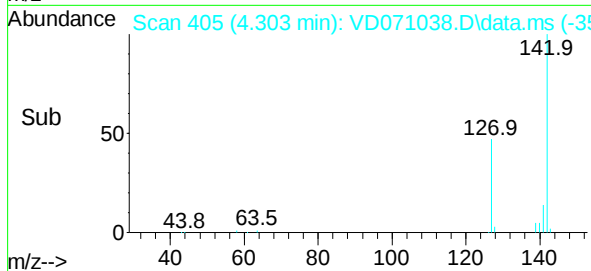
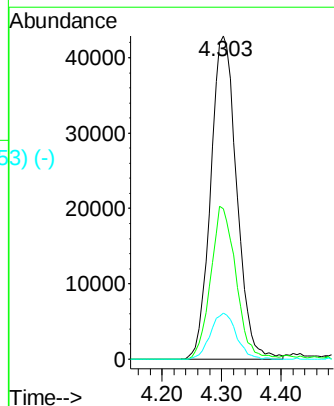
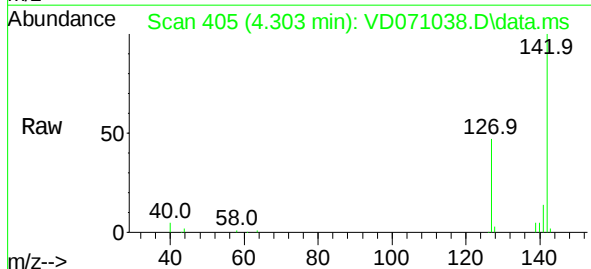
Tgt Ion:142 Resp: 129896

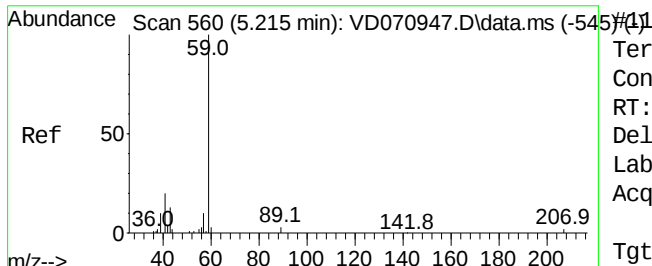
Ion Ratio Lower Upper

142 100

127 46.0 35.0 52.4

141 14.1 12.0 18.0

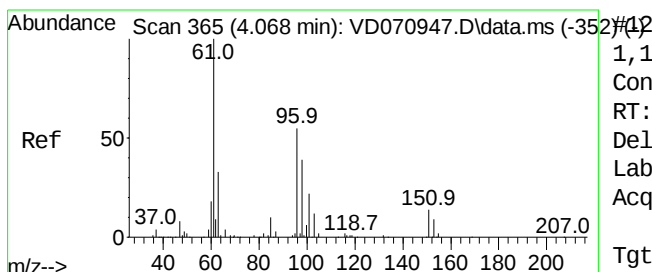
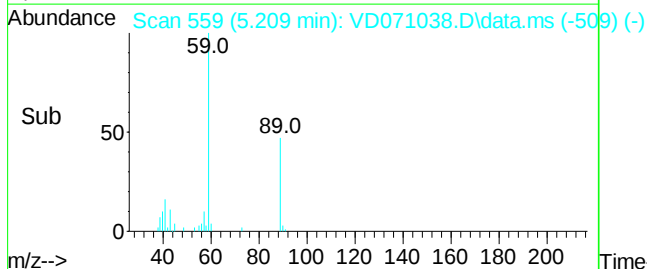
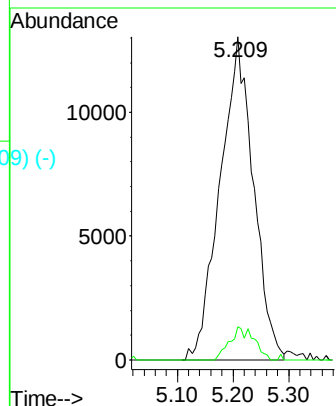
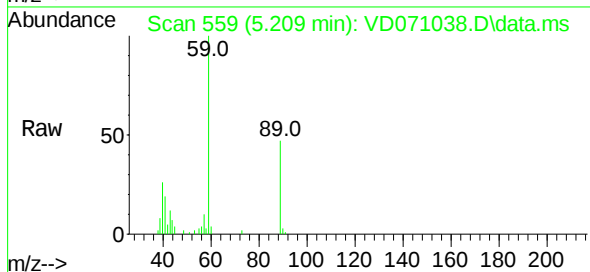




Tert butyl alcohol
 Concen: 285.71 ug/l
 RT: 5.209 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VD071038.D
 Acq: 16 Nov 2021 11:58

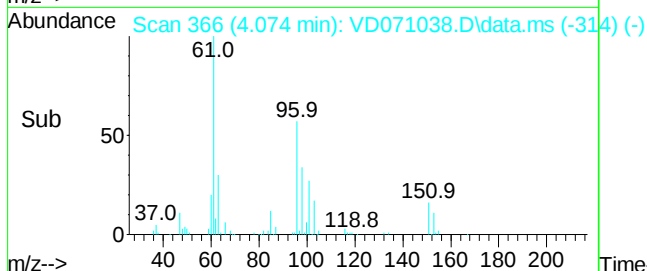
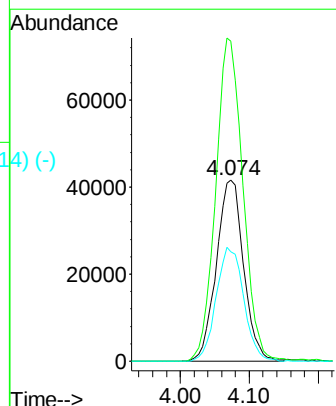
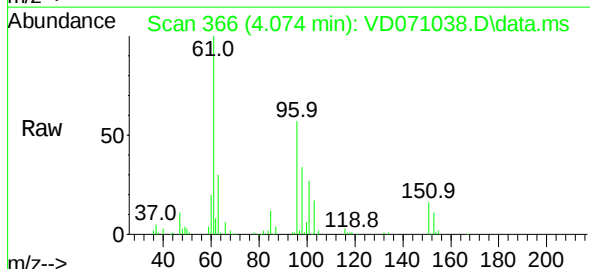
Instrument :
 MSVOA_D
 ClientSampleId :

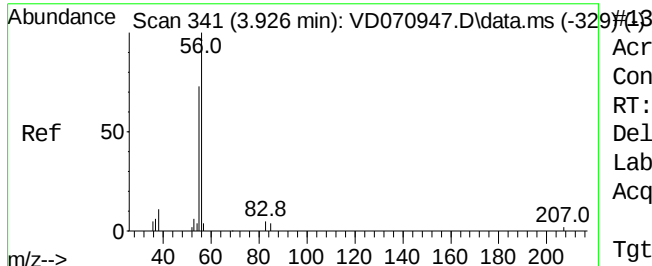
Tgt Ion: 59 Resp: 54108
 Ion Ratio Lower Upper
 59 100
 57 7.4 9.0 13.4#



1,1-Dichloroethene
 Concen: 49.27 ug/l
 RT: 4.074 min Scan# 366
 Delta R.T. 0.006 min
 Lab File: VD071038.D
 Acq: 16 Nov 2021 11:58

Tgt Ion: 96 Resp: 113863
 Ion Ratio Lower Upper
 96 100
 61 176.6 120.3 180.5
 98 60.2 54.4 81.6





Acrolein

Concen: 213.56 ug/l

RT: 3.926 min Scan# 413

Delta R.T. 0.000 min MSVOA_D

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

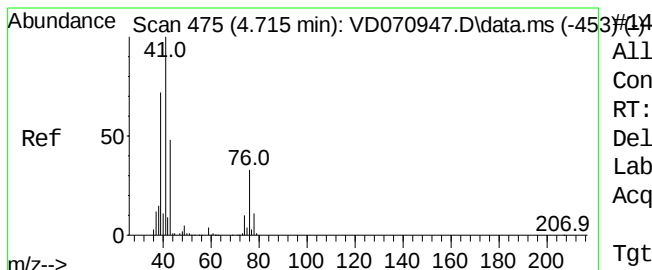
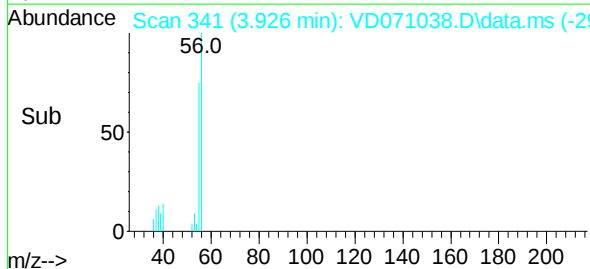
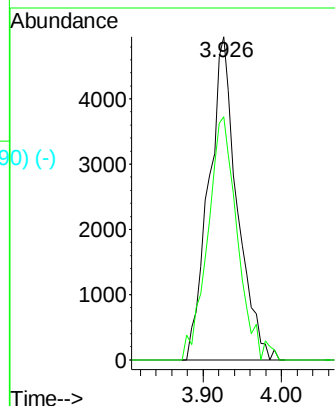
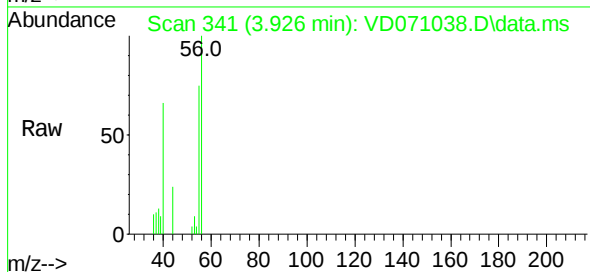
ClientSampleId :

Tgt Ion: 56 Resp: 12406

Ion Ratio Lower Upper

56 100

55 78.7 58.6 87.8



Allyl chloride

Concen: 47.57 ug/l

RT: 4.715 min Scan# 475

Delta R.T. -0.000 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

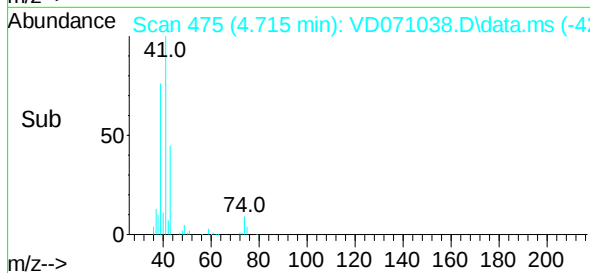
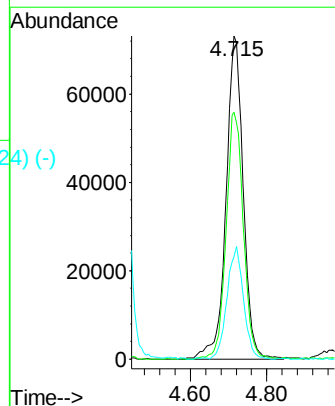
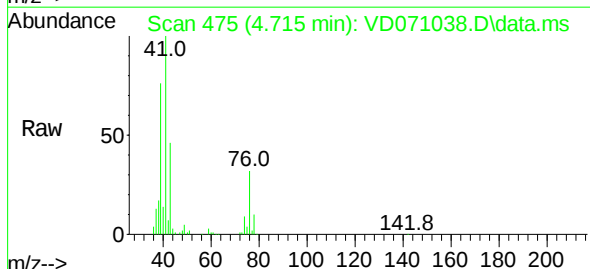
Tgt Ion: 41 Resp: 228969

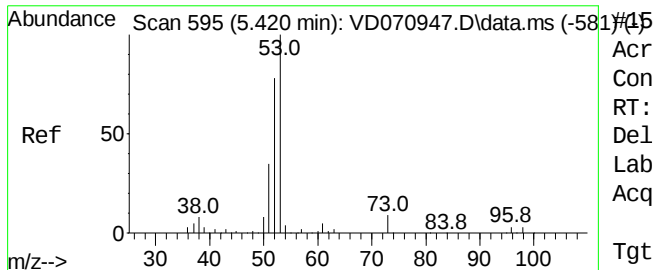
Ion Ratio Lower Upper

41 100

39 76.7 45.6 68.4#

76 33.3 30.2 45.4





Acrylonitrile

Concen: 232.54 ug/l

RT: 5.420 min Scan# 15

Delta R.T. 0.000 min MSVOA_D

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :

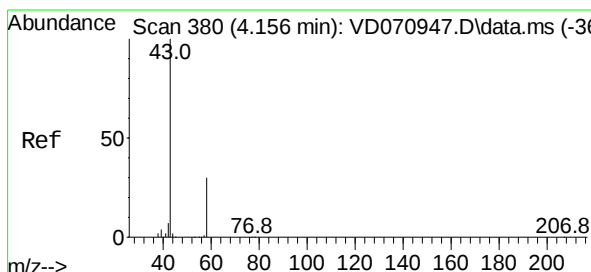
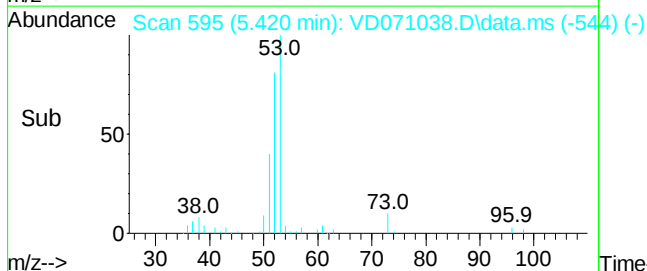
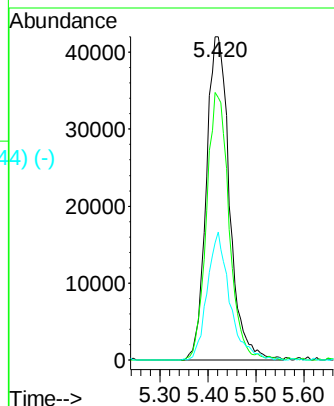
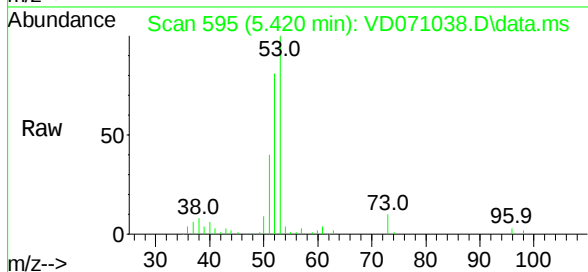
Tgt Ion: 53 Resp: 141034

Ion Ratio Lower Upper

53 100

52 80.3 63.8 95.8

51 38.4 28.5 42.7



Acetone

Concen: 259.16 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD071038.D

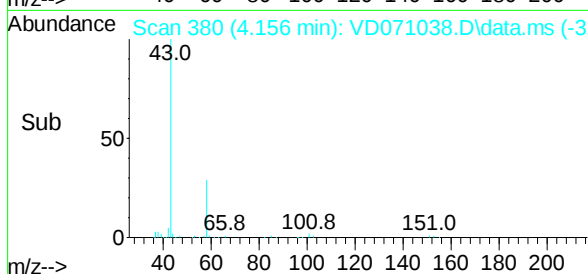
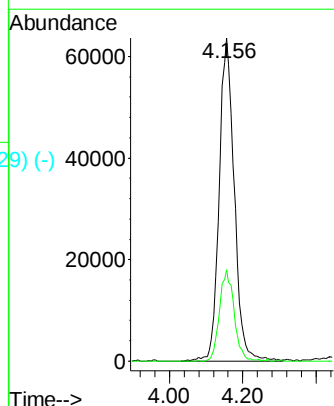
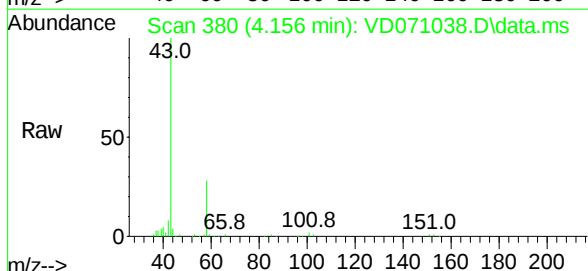
Acq: 16 Nov 2021 11:58

Tgt Ion: 43 Resp: 181909

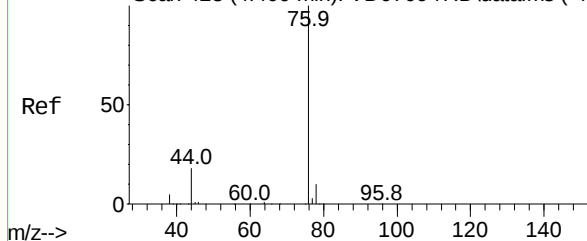
Ion Ratio Lower Upper

43 100

58 28.4 27.8 41.8



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



Carbon Disulfide

Concen: 45.83 ug/l

RT: 4.415 min Scan# 417

Delta R.T. 0.006 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :

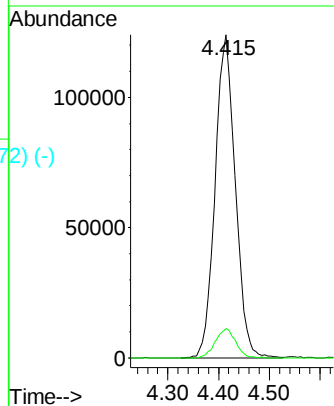
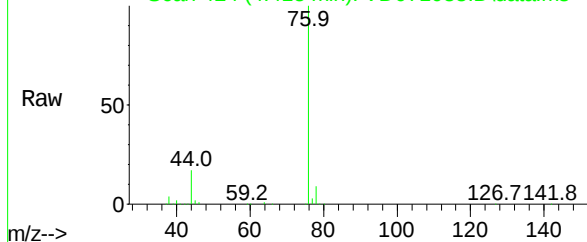
Tgt Ion: 76 Resp: 341970

Ion Ratio Lower Upper

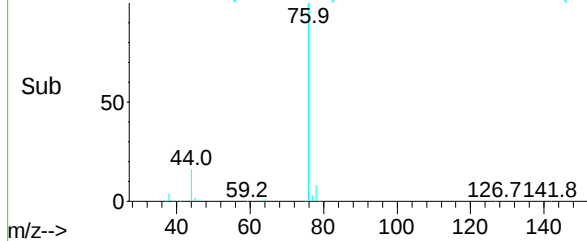
76 100

78 9.0 7.8 11.8

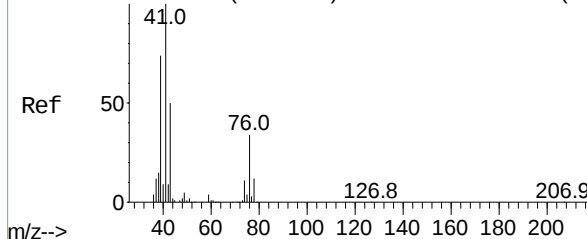
Abundance Scan 424 (4.415 min): VD071038.D\data.ms



Abundance Scan 424 (4.415 min): VD071038.D\data.ms (-372) (-)



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



Methyl Acetate

Concen: 45.42 ug/l

RT: 4.715 min Scan# 475

Delta R.T. -0.000 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

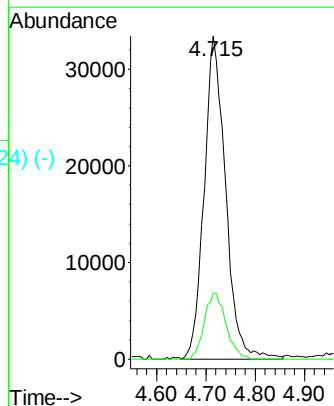
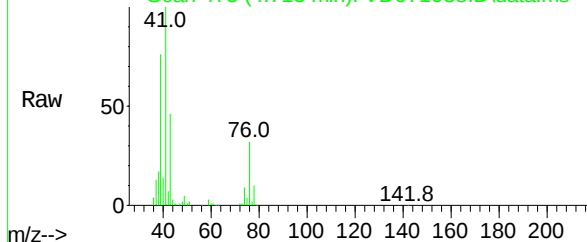
Tgt Ion: 43 Resp: 100968

Ion Ratio Lower Upper

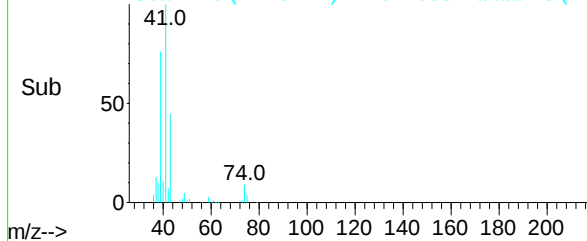
43 100

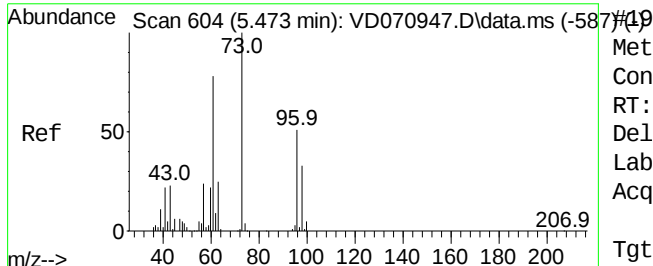
74 20.7 19.3 28.9

Abundance Scan 475 (4.715 min): VD071038.D\data.ms



Abundance Scan 475 (4.715 min): VD071038.D\data.ms (-424) (-)

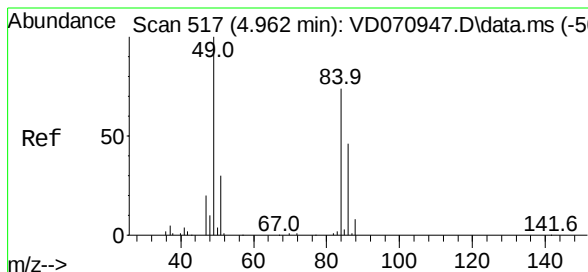
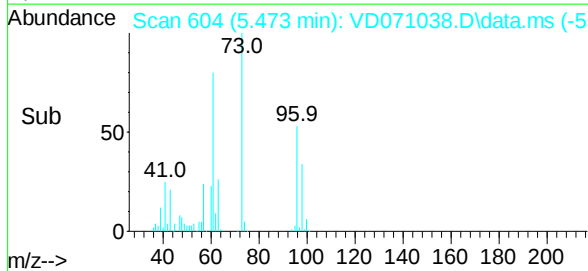
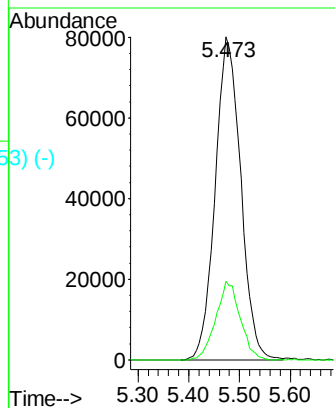
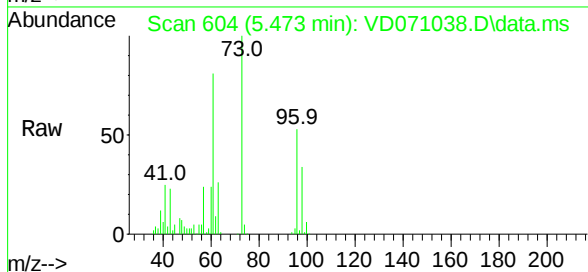




Methyl tert-butyl Ether
 Concen: 46.86 ug/l
 RT: 5.473 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VD071038.D
 Acq: 16 Nov 2021 11:58

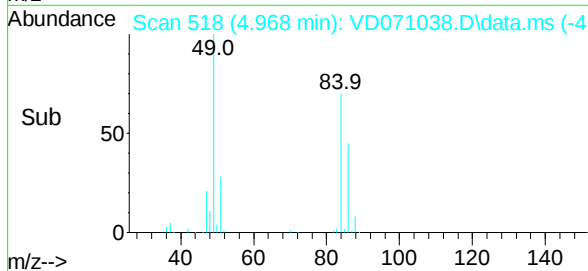
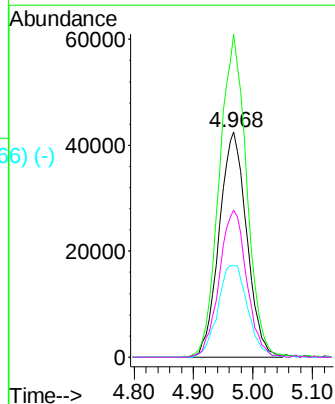
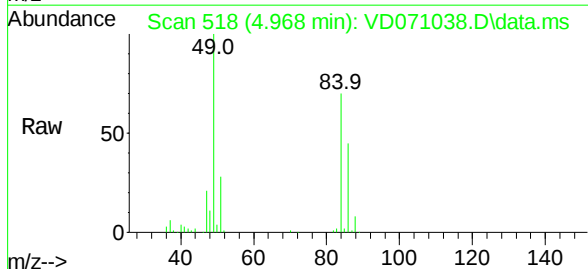
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 73 Resp: 279594
 Ion Ratio Lower Upper
 73 100
 57 24.3 18.9 28.3



Methylene Chloride
 Concen: 46.09 ug/l
 RT: 4.968 min Scan# 518
 Delta R.T. 0.006 min
 Lab File: VD071038.D
 Acq: 16 Nov 2021 11:58

Tgt Ion: 84 Resp: 135899
 Ion Ratio Lower Upper
 84 100
 49 143.5 95.8 143.6
 51 40.6 30.9 46.3
 86 65.2 50.3 75.5



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

trans-1,2-Dichloroethene

Concen: 48.46 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

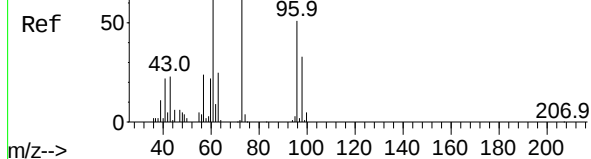
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :



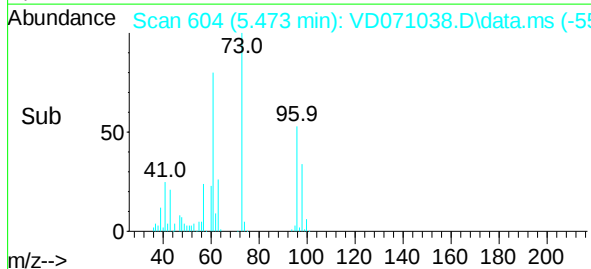
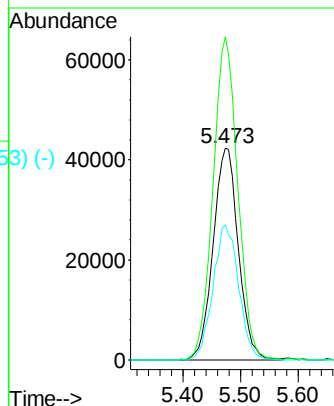
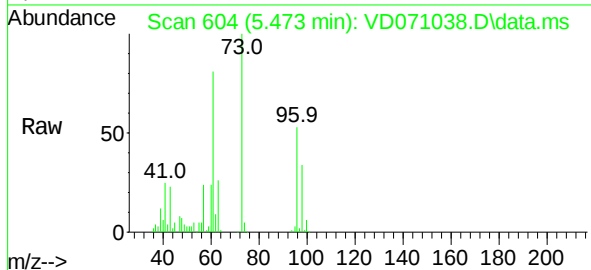
Tgt Ion: 96 Resp: 128368

Ion Ratio Lower Upper

96 100

61 152.4 102.1 153.1

98 63.7 50.1 75.1



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

Diisopropyl ether

Concen: 48.04 ug/l

RT: 6.362 min Scan# 755

Delta R.T. -0.000 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Tgt Ion: 45 Resp: 459702

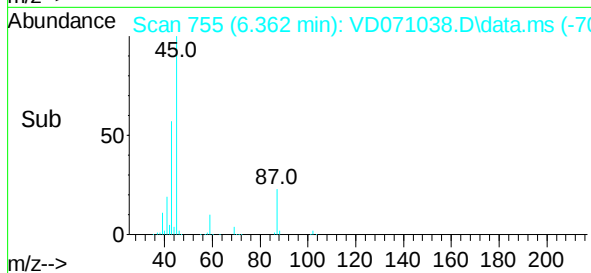
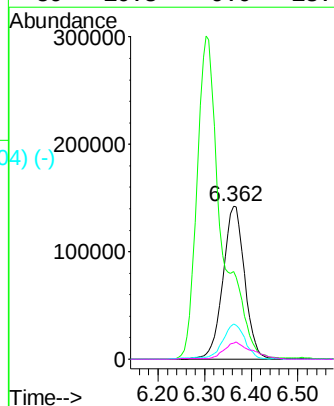
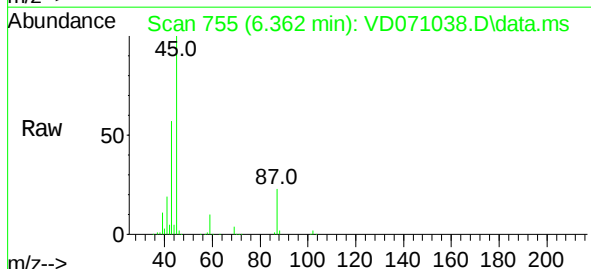
Ion Ratio Lower Upper

45 100

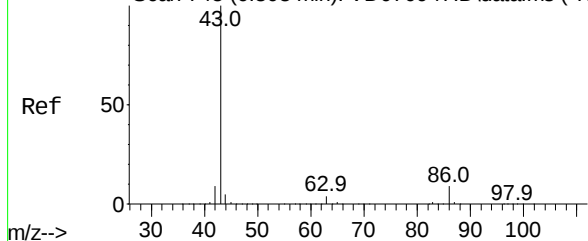
43 56.4 39.6 59.4

87 23.0 21.2 31.8

59 10.3 9.0 13.6



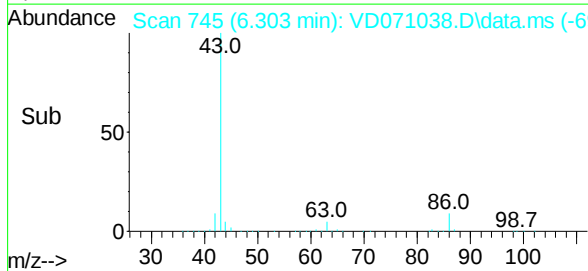
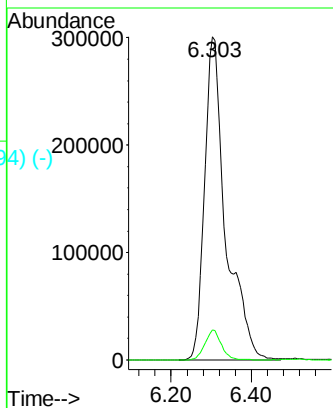
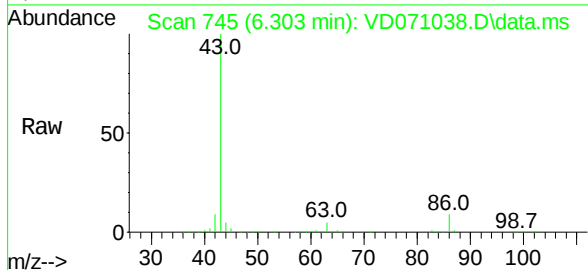
Abundance Scan 745 (6.303 min): VD070947.D\data.ms (-728) #23



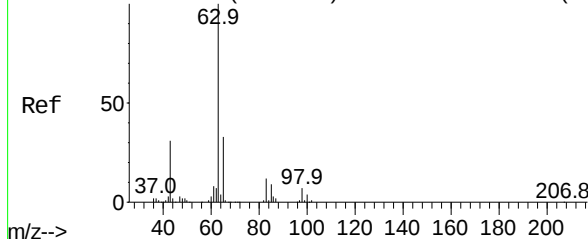
Vinyl Acetate
Concen: 218.12 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1099249
Ion Ratio Lower Upper
43 100
86 9.3 8.2 12.4

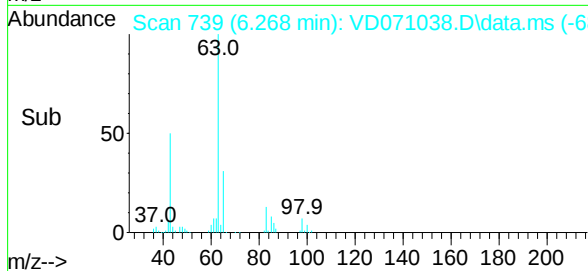
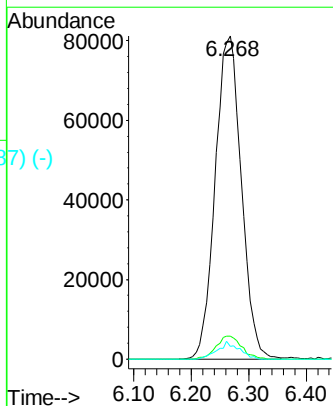
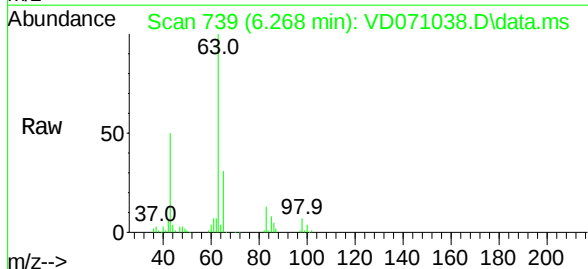


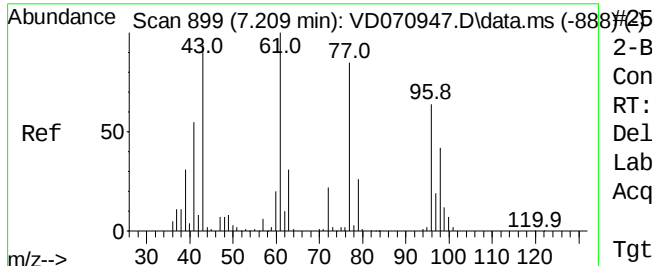
Abundance Scan 738 (6.262 min): VD070947.D\data.ms (-723) #24



1,1-Dichloroethane
Concen: 50.15 ug/l
RT: 6.268 min Scan# 739
Delta R.T. 0.006 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion: 63 Resp: 256315
Ion Ratio Lower Upper
63 100
98 7.1 3.5 10.6
100 4.0 2.1 6.3





2-Butanone

Concen: 221.27 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

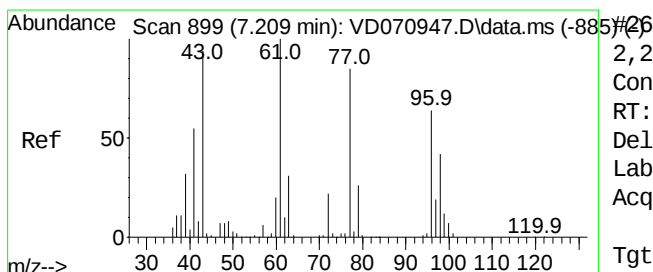
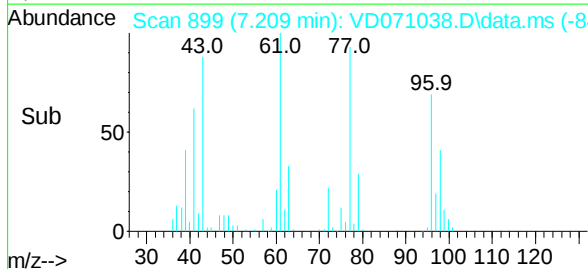
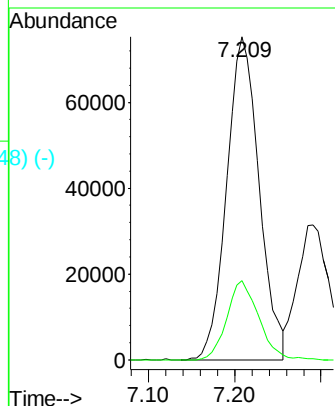
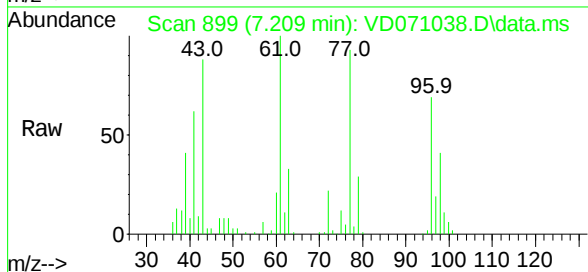
ClientSampleId :

Tgt Ion: 43 Resp: 197794

Ion Ratio Lower Upper

43 100

72 24.5 23.8 35.6



2,2-Dichloropropane

Concen: 53.29 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD071038.D

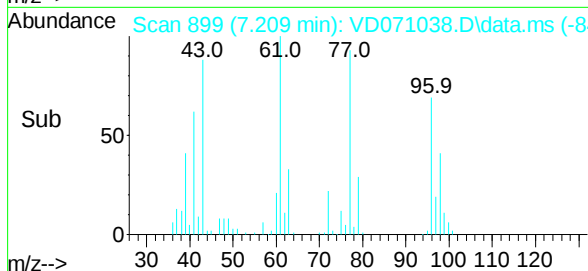
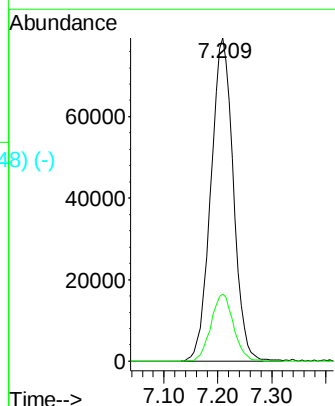
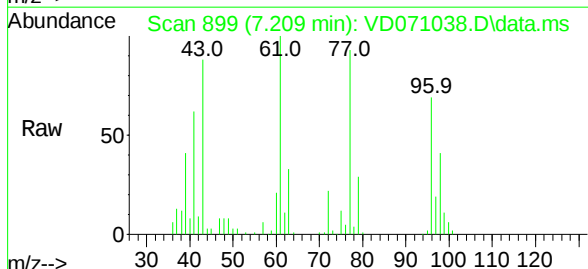
Acq: 16 Nov 2021 11:58

Tgt Ion: 77 Resp: 229899

Ion Ratio Lower Upper

77 100

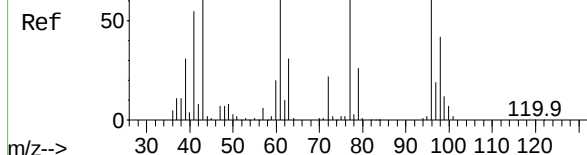
97 20.8 11.9 35.5



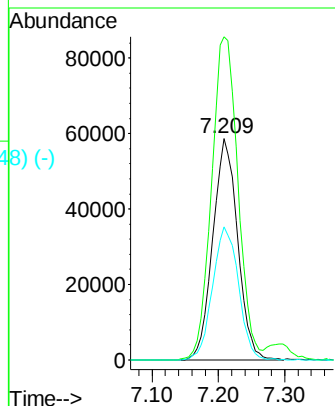
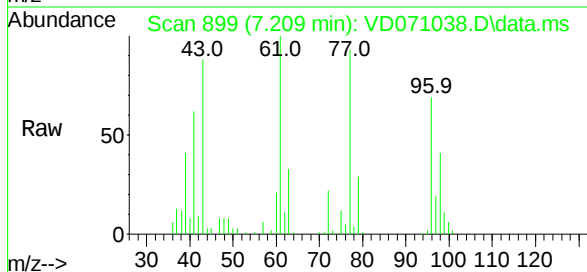
Abundance Scan 899 (7.209 min): VD070947.D\data.ms (-886) #27

cis-1,2-Dichloroethene
Concen: 50.16 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

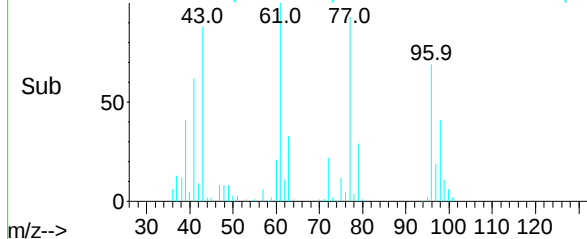
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	96	Resp:	151876
Ion	Ratio	Lower	Upper
96	100		
61	155.3	0.0	288.6
98	62.8	0.0	129.2



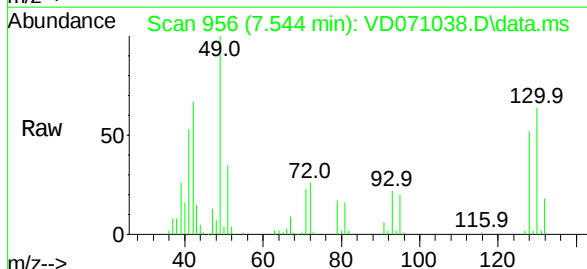
Abundance Scan 899 (7.209 min): VD071038.D\data.ms (-848) (-)



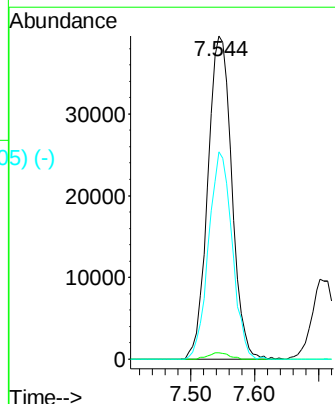
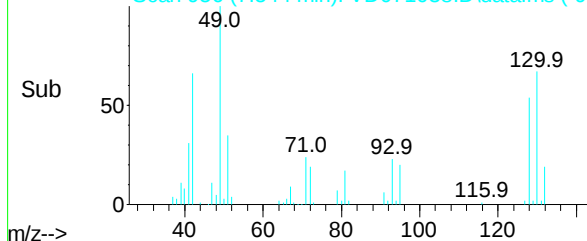
Abundance Scan 956 (7.544 min): VD070947.D\data.ms (-944) #28

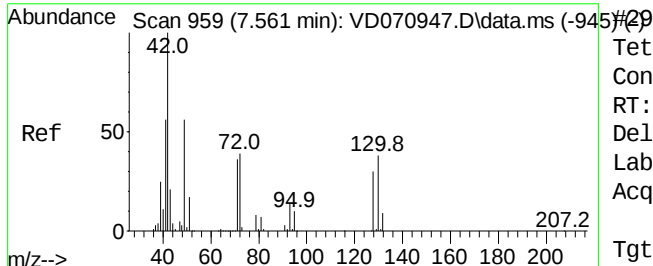
Bromochloromethane
Concen: 47.43 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion:	49	Resp:	102821
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	63.1	60.2	90.2



Abundance Scan 956 (7.544 min): VD071038.D\data.ms (-905) (-)





Tetrahydrofuran

Concen: 220.77 ug/l

RT: 7.562 min Scan# 959

Delta R.T. 0.001 min MSVOA_D

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :

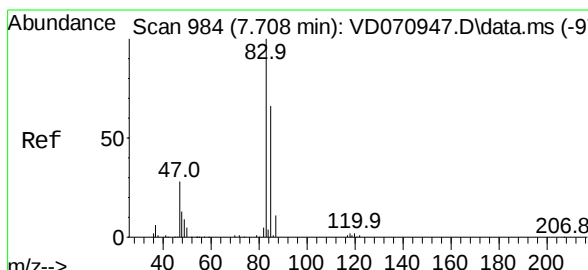
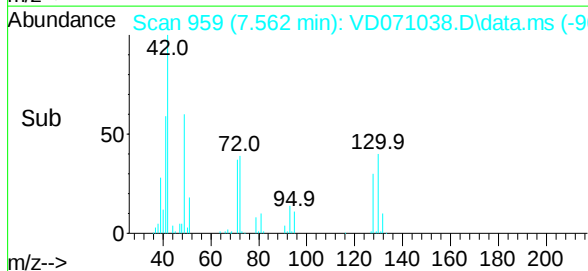
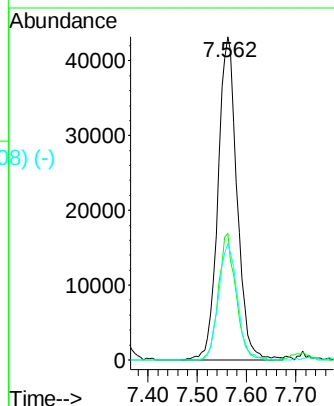
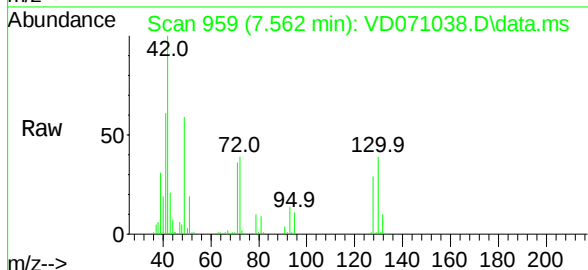
Tgt Ion: 42 Resp: 116233

Ion Ratio Lower Upper

42 100

72 35.9 33.7 50.5

71 35.5 32.7 49.1



Chloroform

Concen: 52.22 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.001 min

Lab File: VD071038.D

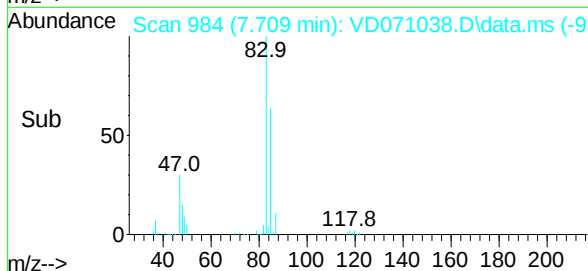
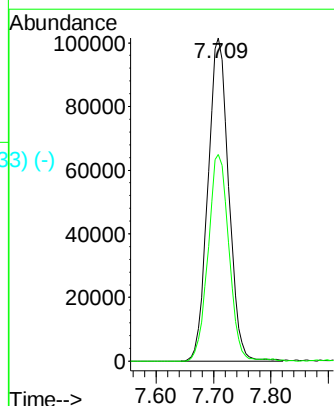
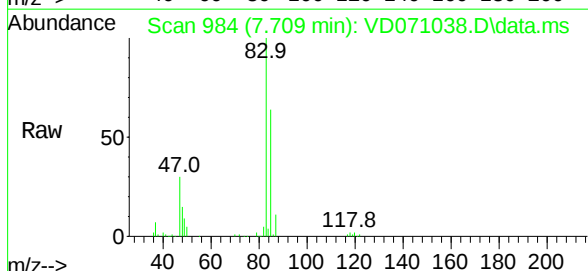
Acq: 16 Nov 2021 11:58

Tgt Ion: 83 Resp: 253777

Ion Ratio Lower Upper

83 100

85 63.9 51.0 76.6



Abundance Scan 1031 (7.985 min): VD070947.D\data.ms (-10181-)

Cyclohexane

Concen: 45.88 ug/l

RT: 7.985 min Scan#

Delta R.T. 0.000 min

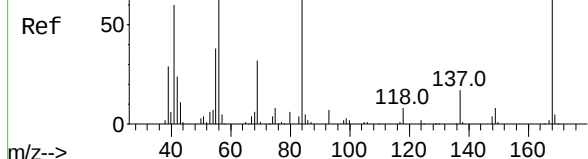
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :



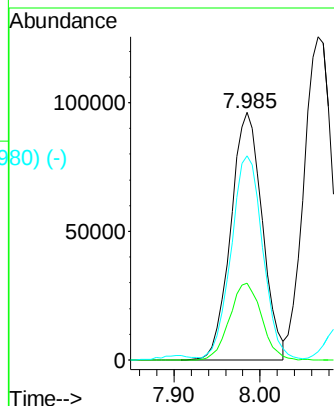
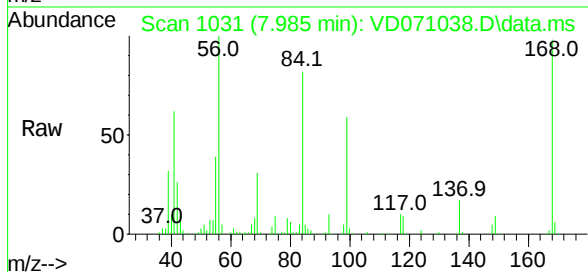
Tgt Ion: 56 Resp: 244516

Ion Ratio Lower Upper

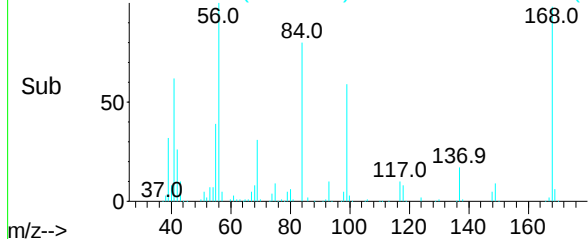
56 100

69 31.1 25.9 38.9

84 80.7 64.3 96.5



Abundance Scan 1031 (7.985 min): VD071038.D\data.ms (-980) (-)



Abundance Scan 1017 (7.903 min): VD070947.D\data.ms (-10032-)

1,1,1-Trichloroethane

Concen: 53.97 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

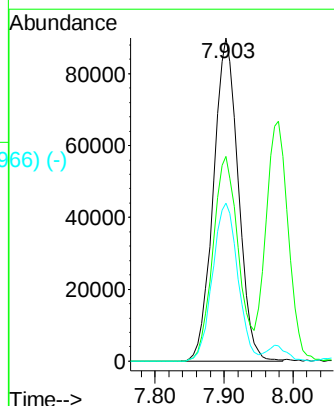
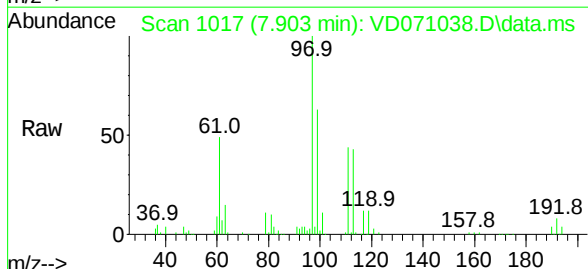
Tgt Ion: 97 Resp: 225254

Ion Ratio Lower Upper

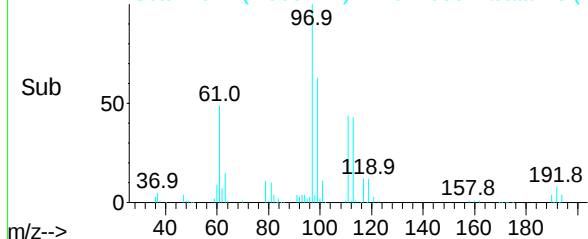
97 100

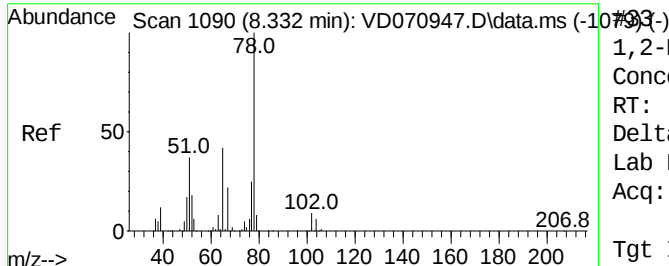
99 65.1 50.3 75.5

61 49.6 33.0 49.4#



Abundance Scan 1017 (7.903 min): VD071038.D\data.ms (-966) (-)

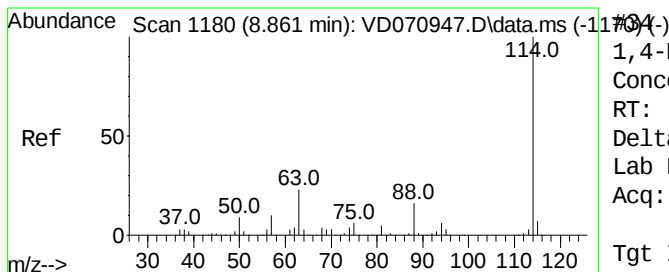
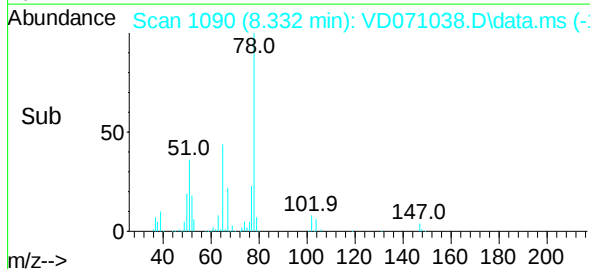
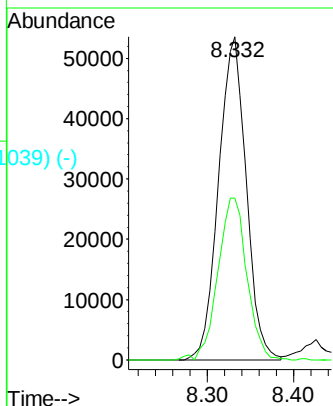
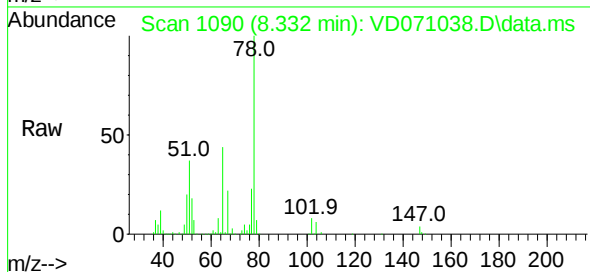




1,2-Dichloroethane-d4
 Concen: 46.38 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD071038.D
 Acq: 16 Nov 2021 11:58

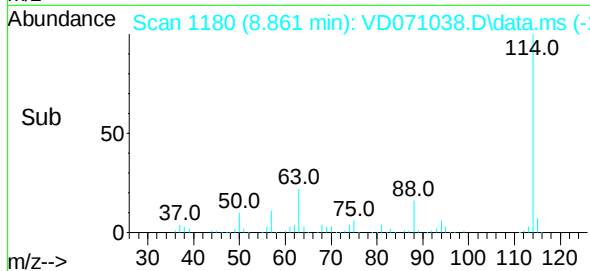
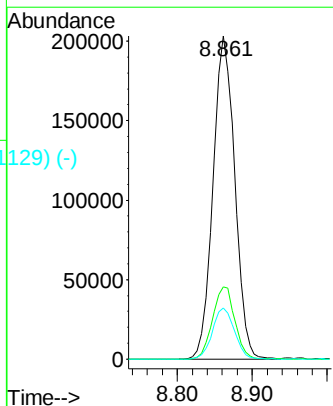
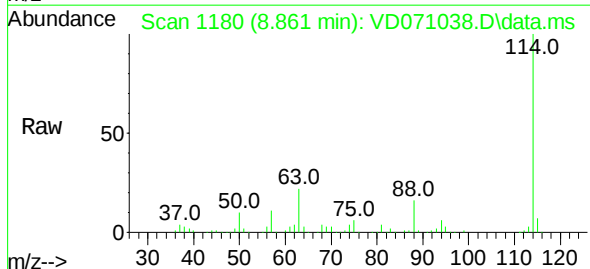
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 65 Resp: 120174
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 112.2



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VD071038.D
 Acq: 16 Nov 2021 11:58

Tgt Ion: 114 Resp: 408979
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 41.8
 88 15.8 0.0 32.8



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

Dibromofluoromethane

Concen: 48.23 ug/l

RT: 7.914 min Scan#

Delta R.T. 0.000 min

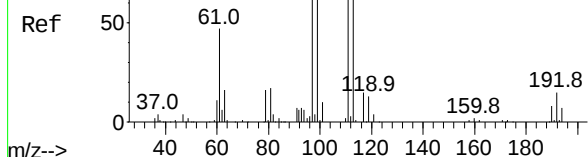
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :



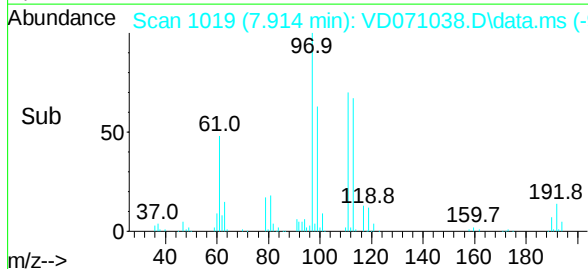
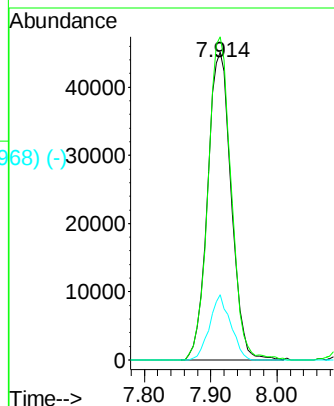
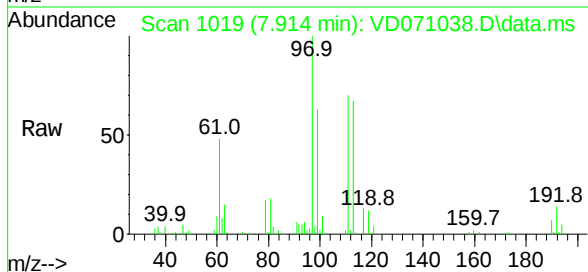
Tgt Ion:113 Resp: 111299

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

192 18.9 15.2 22.8



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

1,1-Dichloropropene

Concen: 54.73 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

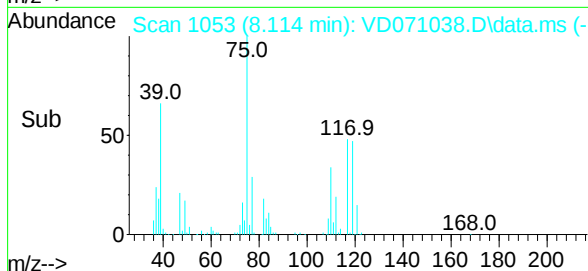
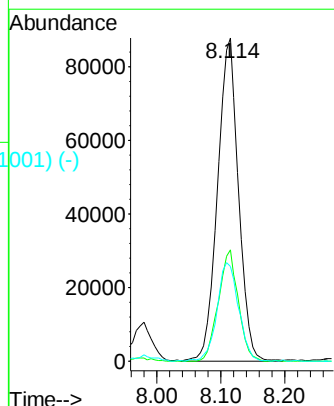
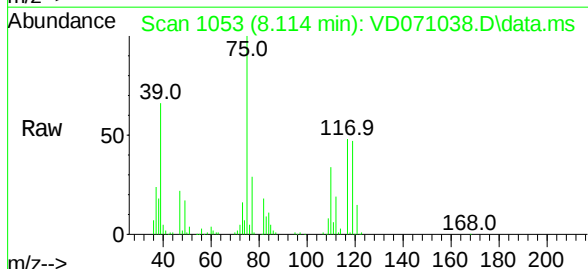
Tgt Ion: 75 Resp: 199855

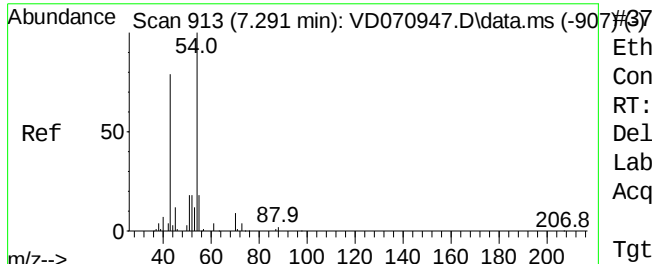
Ion Ratio Lower Upper

75 100

110 32.7 17.8 53.4

77 31.5 24.8 37.2





Ethyl Acetate

Concen: 49.50 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

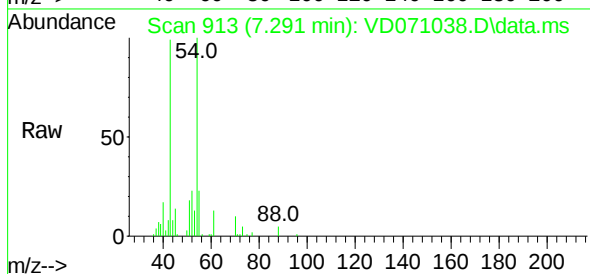
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :



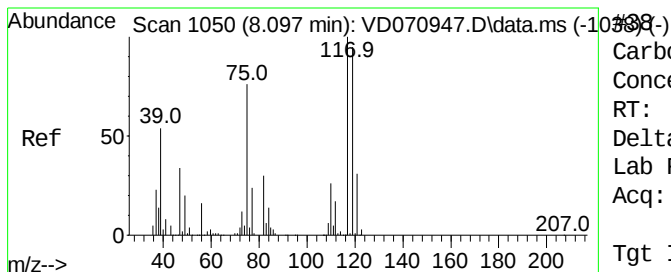
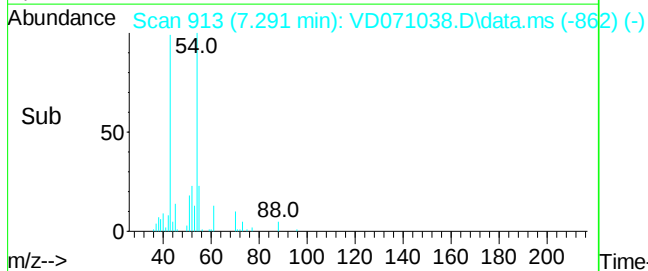
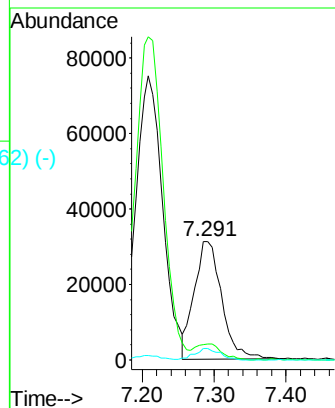
Tgt Ion: 43 Resp: 82465

Ion Ratio Lower Upper

43 100

61 12.8 13.0 19.6#

70 8.8 8.7 13.1



Carbon Tetrachloride

Concen: 58.13 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

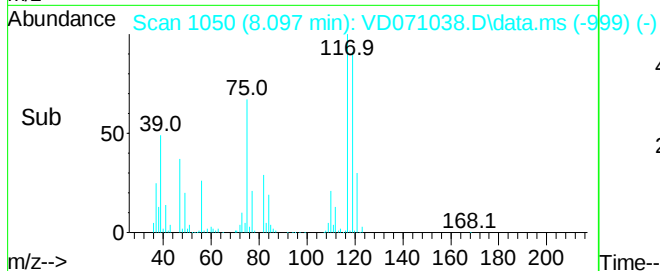
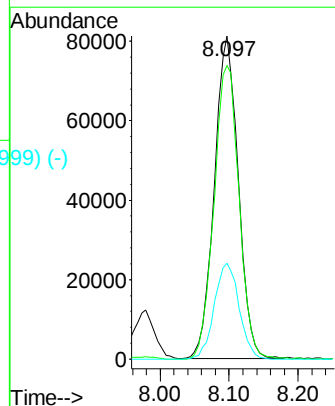
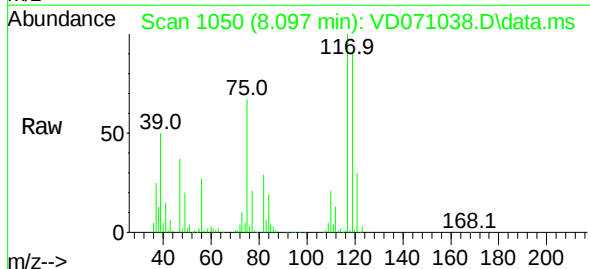
Tgt Ion:117 Resp: 195492

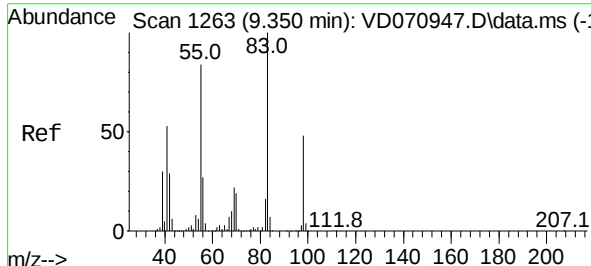
Ion Ratio Lower Upper

117 100

119 91.2 75.8 113.6

121 29.7 23.6 35.4





Methylcyclohexane

Concen: 51.17 ug/l

RT: 9.356 min Scan#

Delta R.T. 0.006 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :

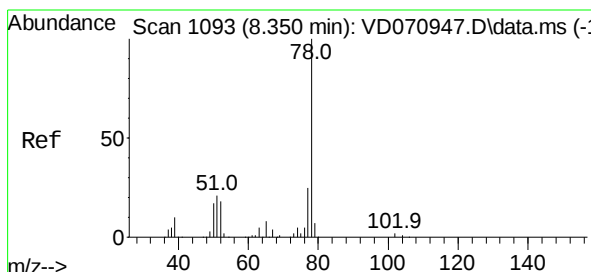
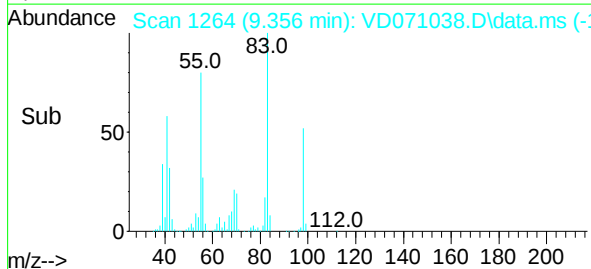
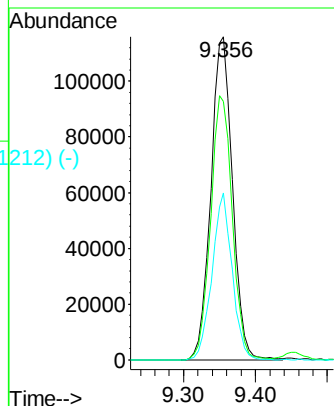
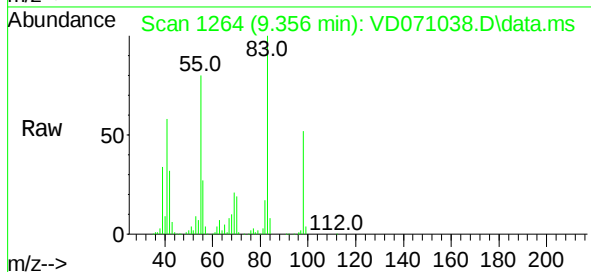
Tgt Ion: 83 Resp: 241317

Ion Ratio Lower Upper

83 100

55 79.9 65.8 98.8

98 51.7 38.7 58.1



Benzene

Concen: 52.24 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071038.D

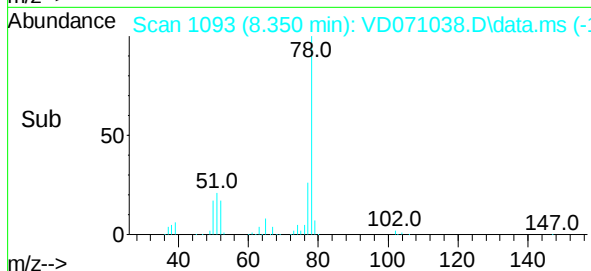
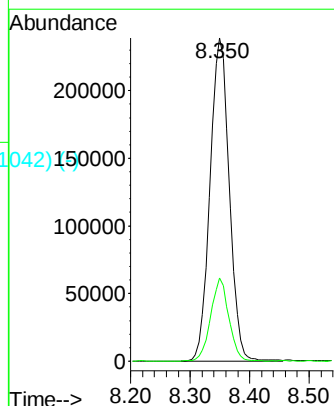
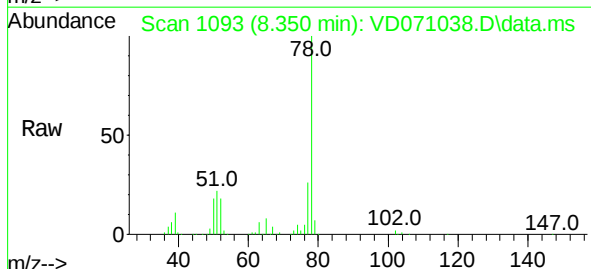
Acq: 16 Nov 2021 11:58

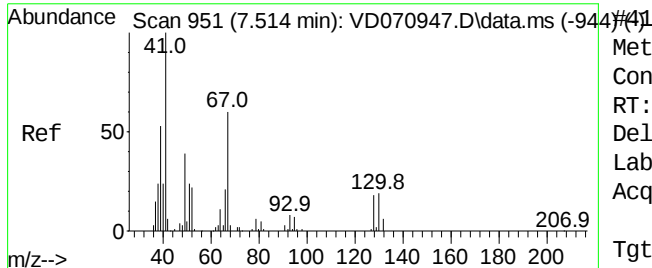
Tgt Ion: 78 Resp: 537237

Ion Ratio Lower Upper

78 100

77 25.7 19.1 28.7





Methacrylonitrile

Concen: 35.45 ug/l

RT: 7.520 min Scan# 951

Delta R.T. 0.006 min MSVOA_D

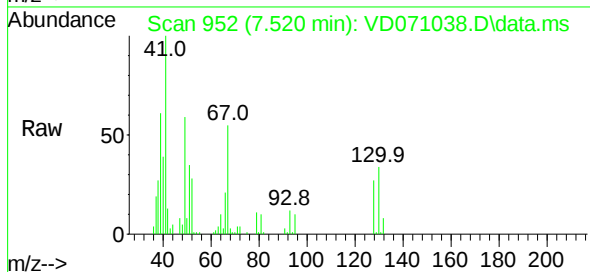
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 41 Resp: 41419

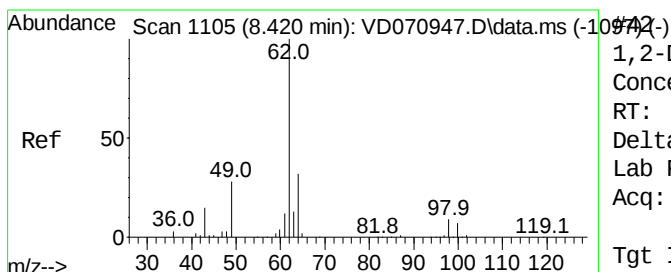
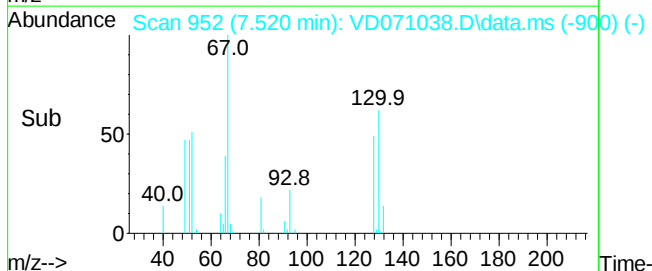
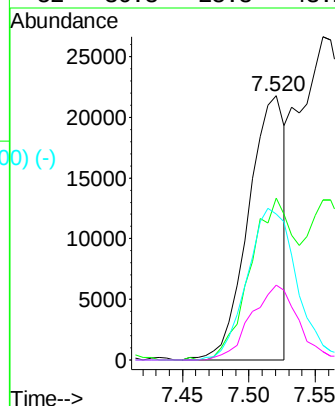
Ion Ratio Lower Upper

41 100

39 75.5 60.2 90.4

67 78.4 74.8 112.2

52 36.8 28.8 43.2



1,2-Dichloroethane

Concen: 55.50 ug/l

RT: 8.420 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VD071038.D

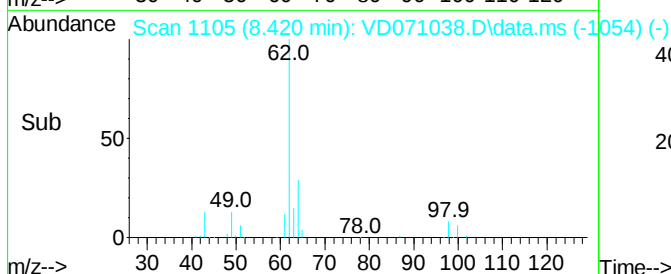
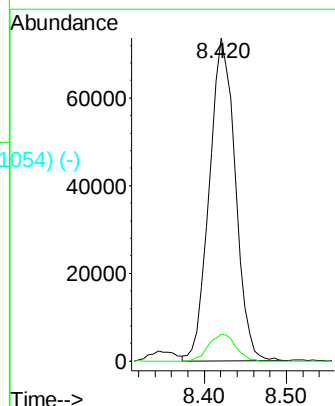
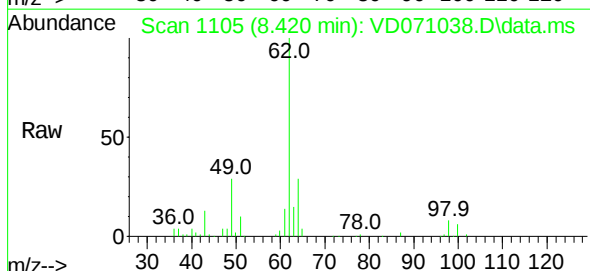
Acq: 16 Nov 2021 11:58

Tgt Ion: 62 Resp: 161651

Ion Ratio Lower Upper

62 100

98 8.7 0.0 21.8



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

Isopropyl Acetate

Concen: 48.58 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.000 min

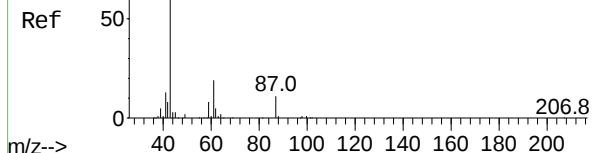
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :



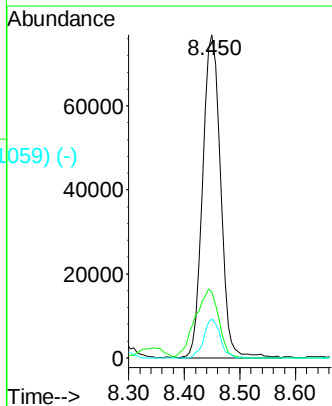
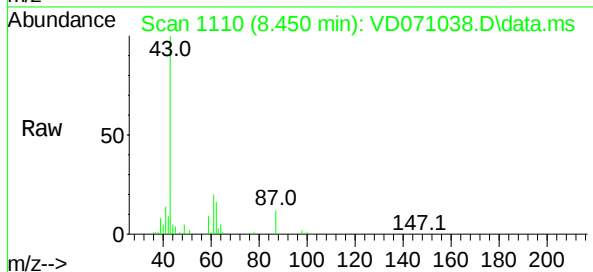
Tgt Ion: 43 Resp: 171284

Ion Ratio Lower Upper

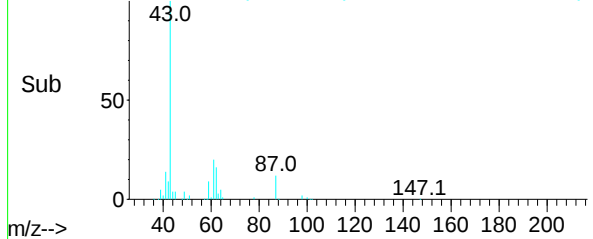
43 100

61 28.0 28.2 42.4#

87 10.9 10.7 16.1



Abundance Scan 1110 (8.450 min): VD071038.D\data.ms (-1059-)



Abundance Scan 1222 (9.108 min): VD070947.D\data.ms (-1214-)

Trichloroethene

Concen: 52.25 ug/l

RT: 9.109 min Scan# 1222

Delta R.T. 0.001 min

Lab File: VD071038.D

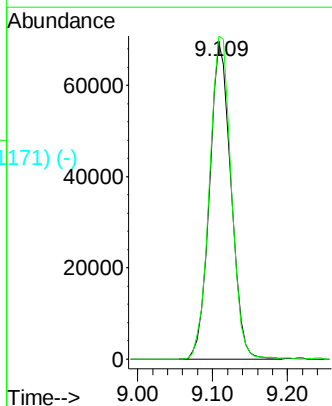
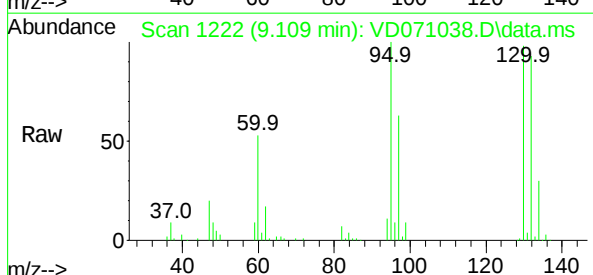
Acq: 16 Nov 2021 11:58

Tgt Ion:130 Resp: 138502

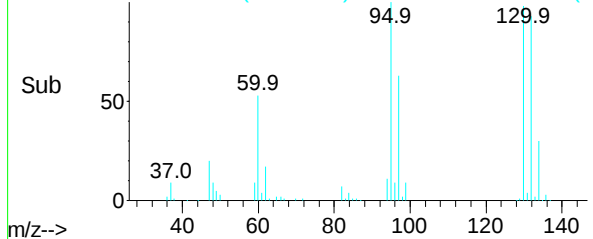
Ion Ratio Lower Upper

130 100

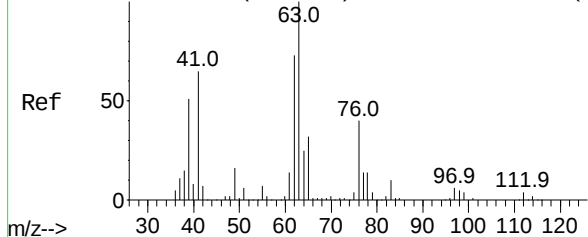
95 101.9 0.0 193.2



Abundance Scan 1222 (9.109 min): VD071038.D\data.ms (-1171-)



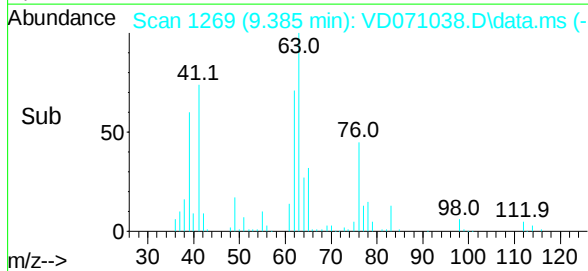
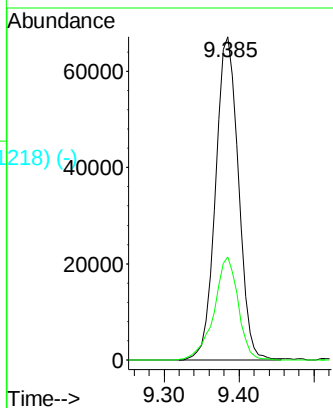
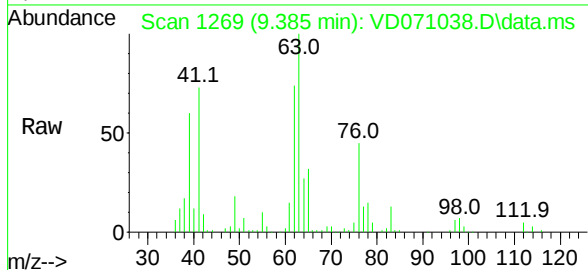
Abundance Scan 1269 (9.385 min): VD070947.D\data.ms (-1256) (-)



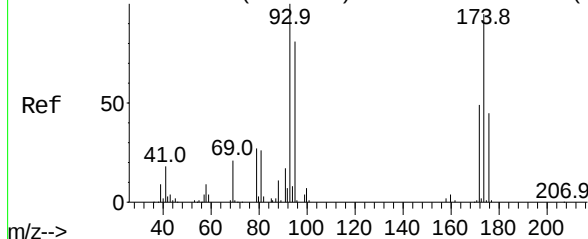
1,2-Dichloropropane
Concen: 50.83 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 141358
Ion Ratio Lower Upper
63 100
65 31.8 24.2 36.2

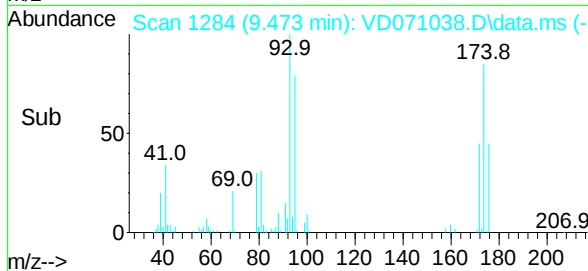
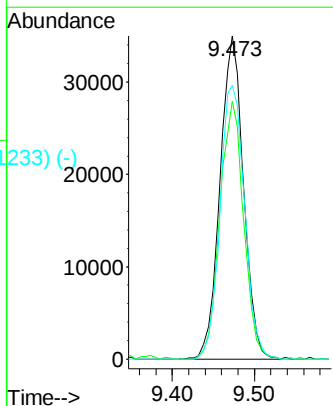
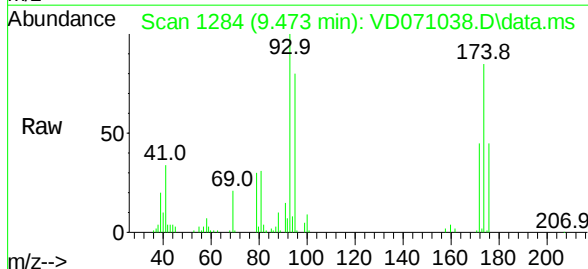


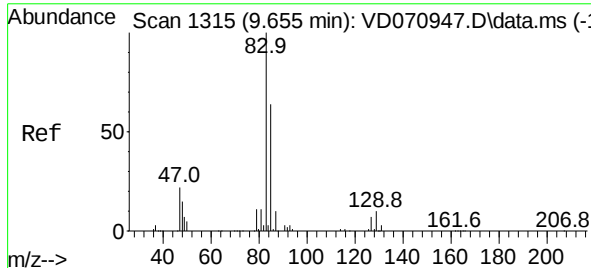
Abundance Scan 1284 (9.473 min): VD070947.D\data.ms (-1274) (-)



Dibromomethane
Concen: 52.63 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion: 93 Resp: 69675
Ion Ratio Lower Upper
93 100
95 81.0 66.1 99.1
174 88.8 78.6 117.8

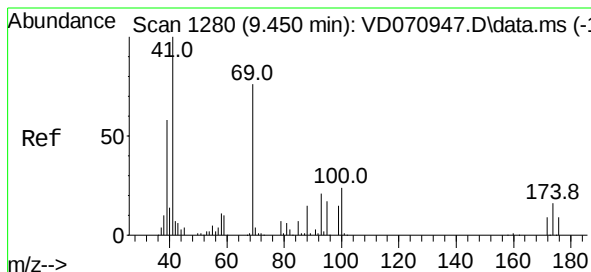
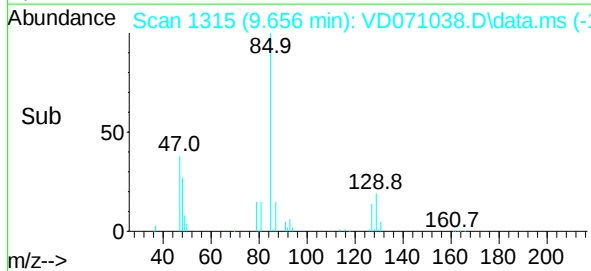
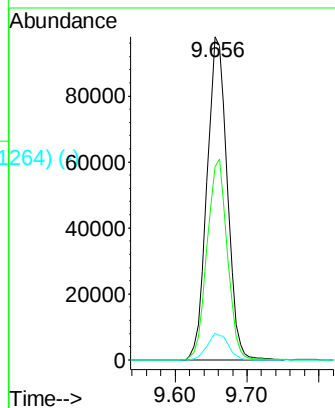
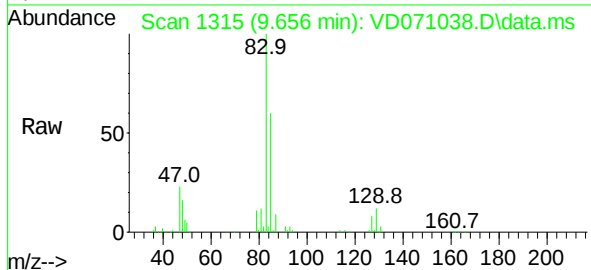




Bromodichloromethane
Concen: 54.70 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.001 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

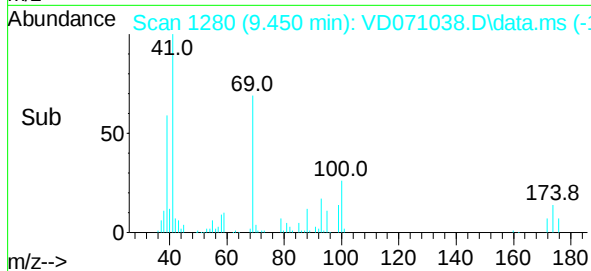
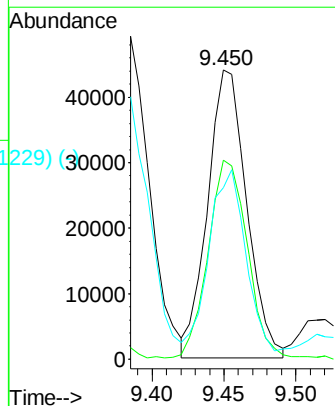
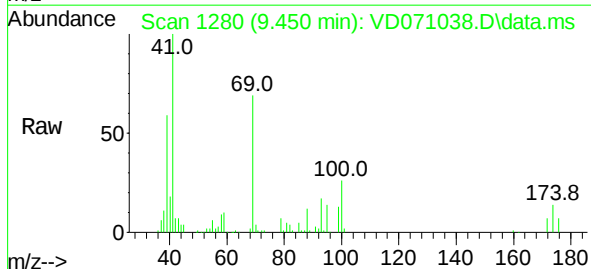
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 191519
Ion Ratio Lower Upper
83 100
85 59.8 50.0 75.0
127 8.4 7.3 10.9

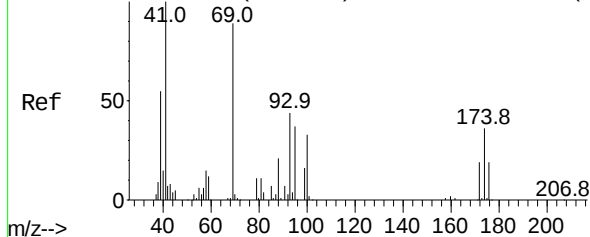


Methyl methacrylate
Concen: 48.00 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion: 41 Resp: 83014
Ion Ratio Lower Upper
41 100
69 70.3 69.8 104.6
39 57.1 35.6 53.4#



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



1,4-Dioxane

Concen: 912.60 ug/l

RT: 9.456 min Scan#

Delta R.T. 0.001 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :

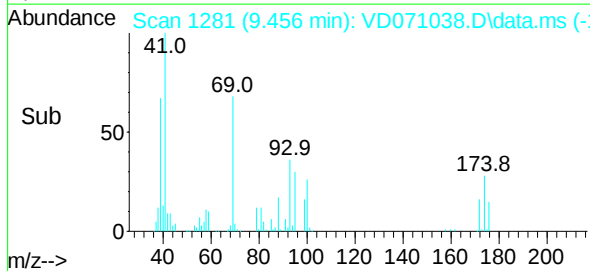
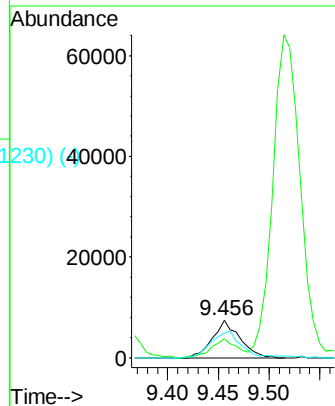
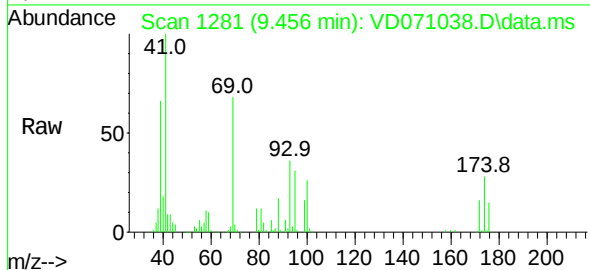
Tgt Ion: 88 Resp: 13997

Ion Ratio Lower Upper

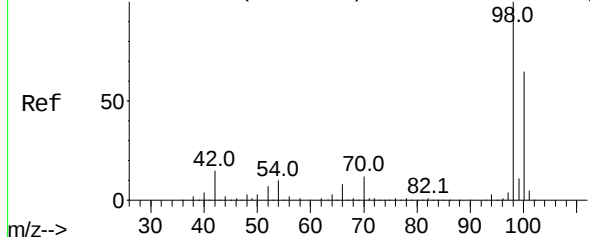
88 100

43 48.8 28.9 43.3#

58 78.0 56.3 84.5



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



Toluene-d8

Concen: 47.00 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071038.D

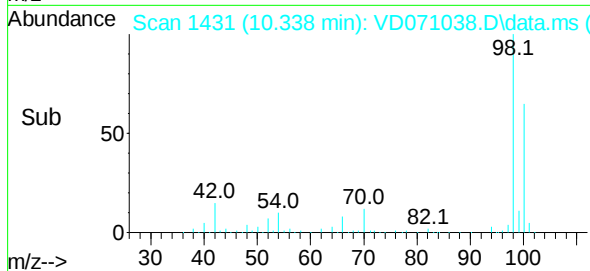
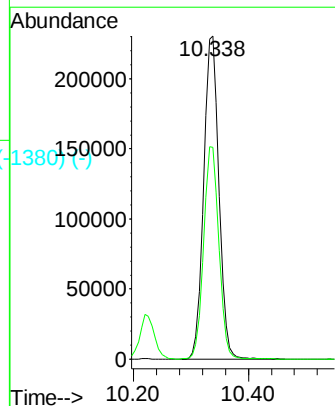
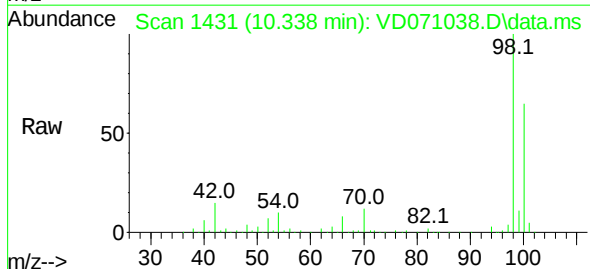
Acq: 16 Nov 2021 11:58

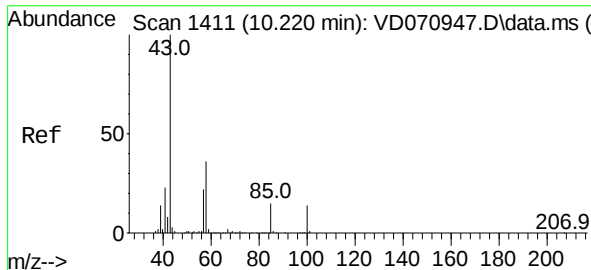
Tgt Ion: 98 Resp: 424817

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.6

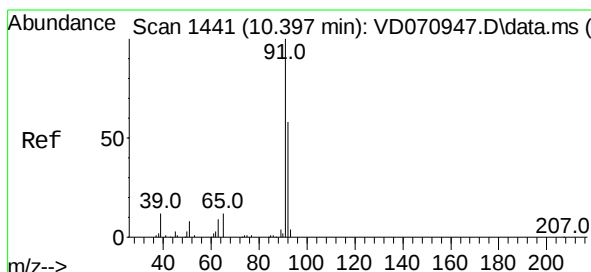
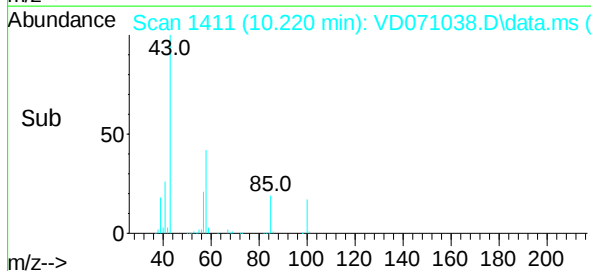
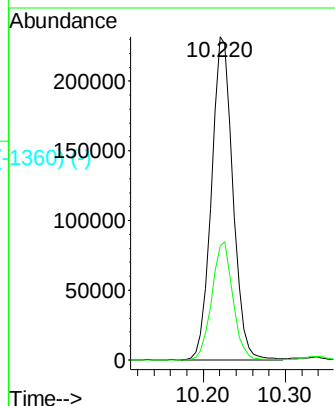
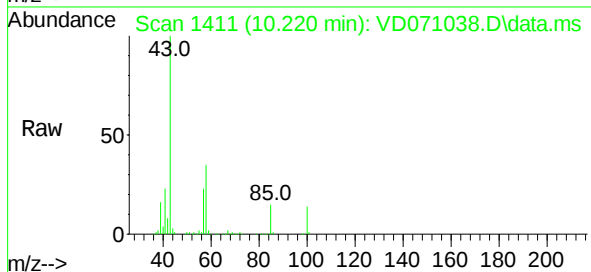




4-Methyl-2-Pentanone
Concen: 245.43 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

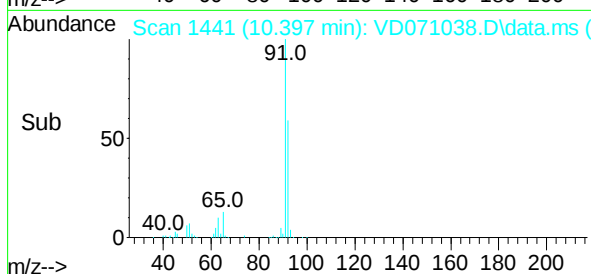
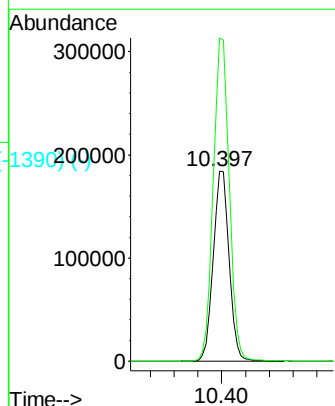
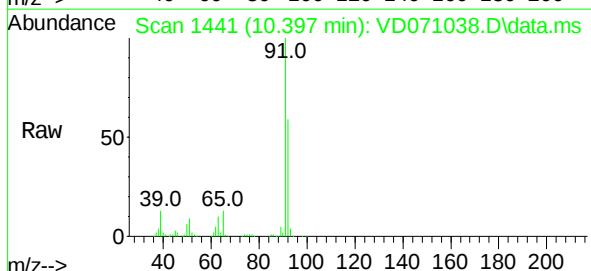
Instrument :
MSVOA_D
ClientSampleId :

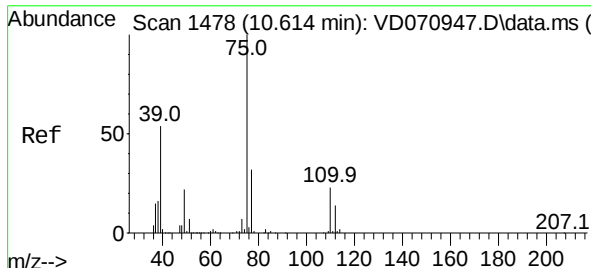
Tgt Ion: 43 Resp: 419526
Ion Ratio Lower Upper
43 100
58 35.9 33.1 49.7



Toluene
Concen: 52.37 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion: 92 Resp: 339452
Ion Ratio Lower Upper
92 100
91 172.4 140.7 211.1

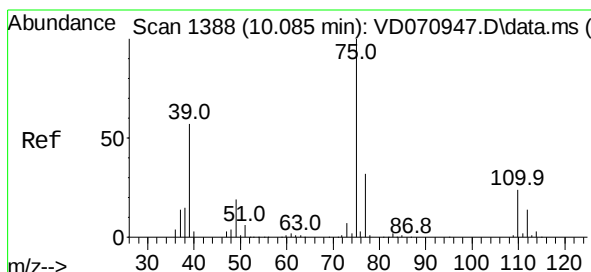
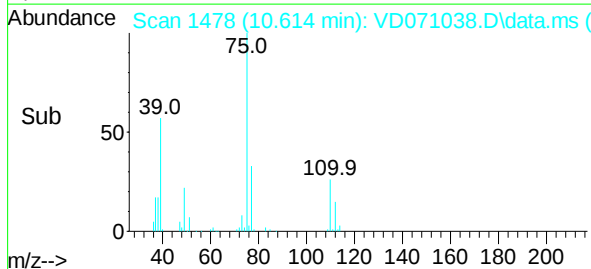
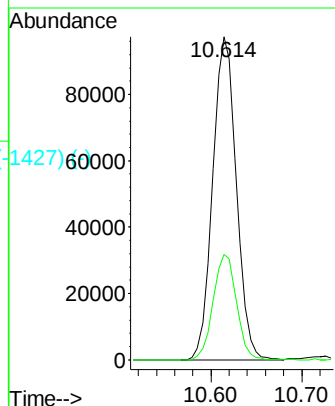
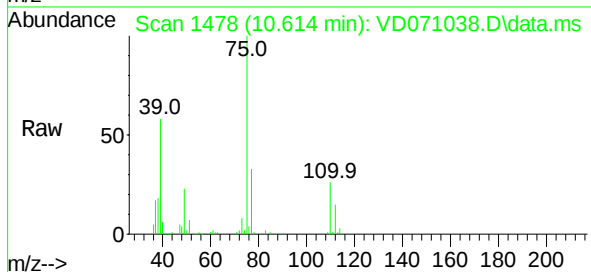




t-1,3-Dichloropropene
Concen: 49.82 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

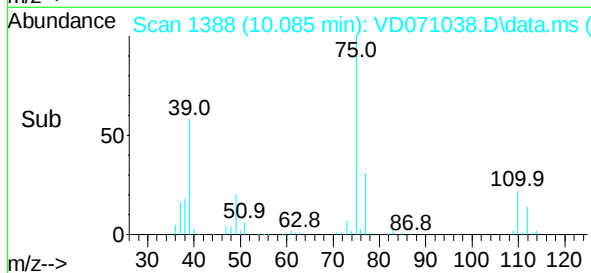
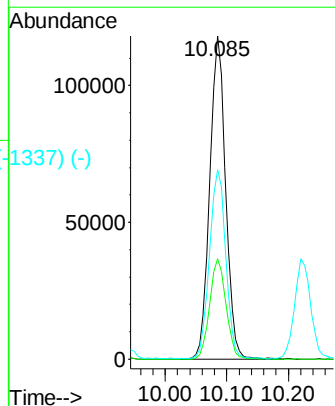
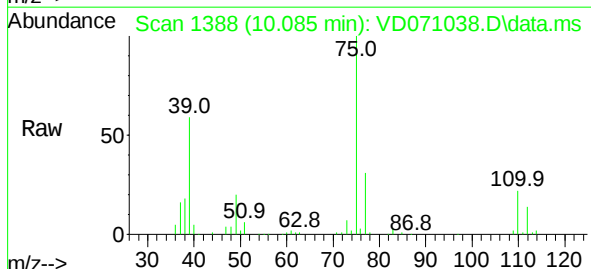
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 175894
Ion Ratio Lower Upper
75 100
77 32.7 24.5 36.7



cis-1,3-Dichloropropene
Concen: 50.75 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

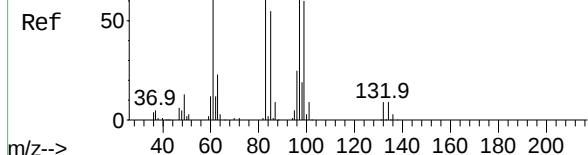
Tgt Ion: 75 Resp: 211323
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6
39 58.4 31.6 47.4#



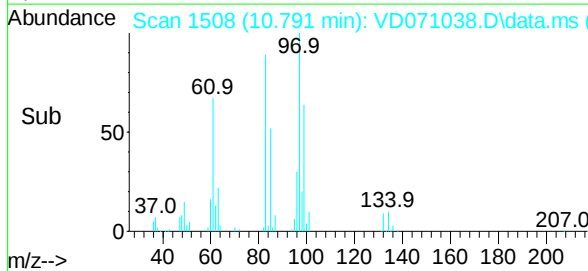
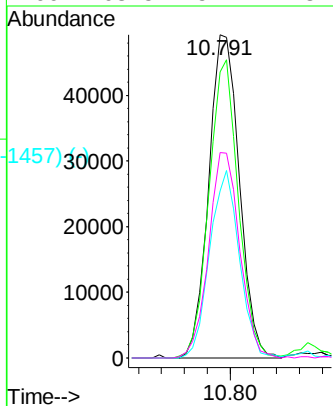
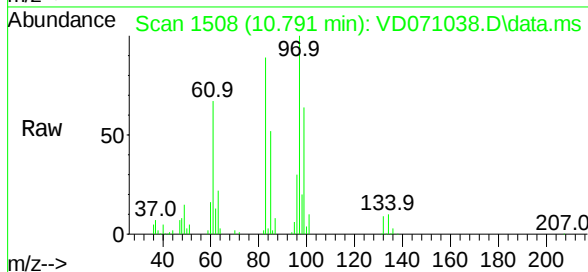
Abundance Scan 1508 (10.791 min): VD070947.D\data.ms (-1555) (-)

1,1,2-Trichloroethane
Concen: 50.08 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :



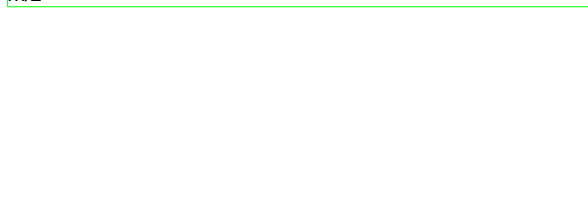
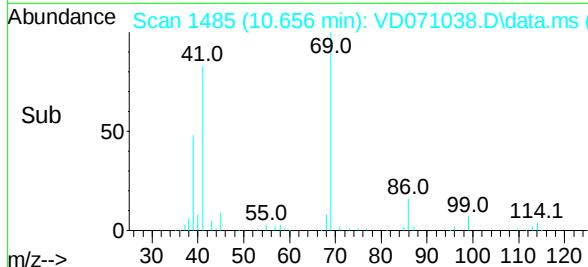
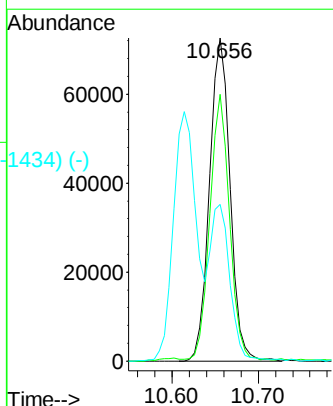
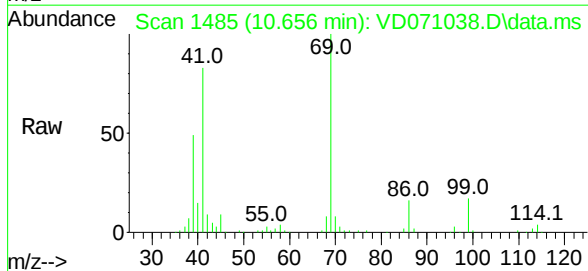
Tgt Ion:	97	Resp:	91119
Ion	Ratio	Lower	Upper
97	100		
83	88.0	65.2	97.8
85	51.7	43.4	65.0
99	63.5	52.1	78.1



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

Ethyl methacrylate
Concen: 46.74 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.001 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion:	69	Resp:	120328
Ion	Ratio	Lower	Upper
69	100		
41	78.1	50.2	75.2#
39	46.2	19.8	29.8#



Abundance Scan 1533 (10.938 min): VD070947.D\data.ms (-1555)

1,3-Dichloropropane

Concen: 51.05 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

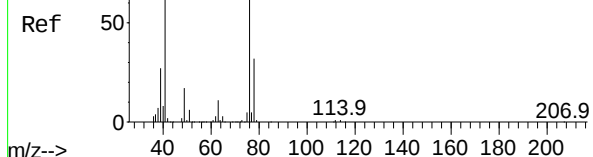
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :

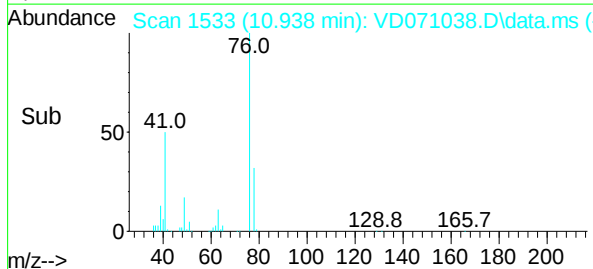
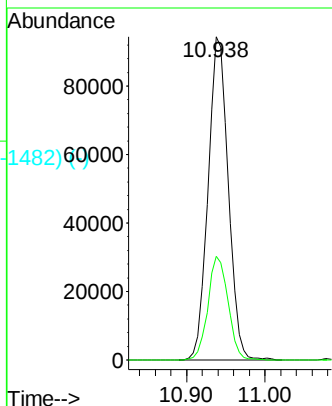
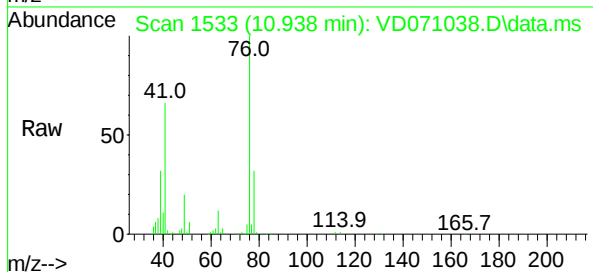


Tgt Ion: 76 Resp: 168672

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Scan 1363 (9.938 min): VD070947.D\data.ms (-1358)

2-Chloroethyl Vinyl ether

Concen: 213.93 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071038.D

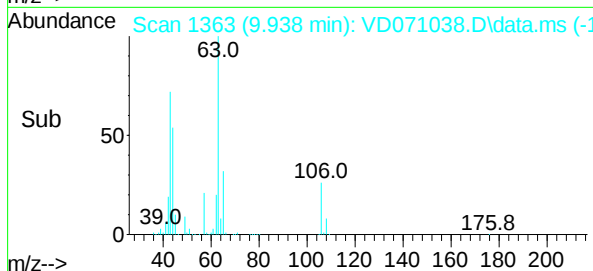
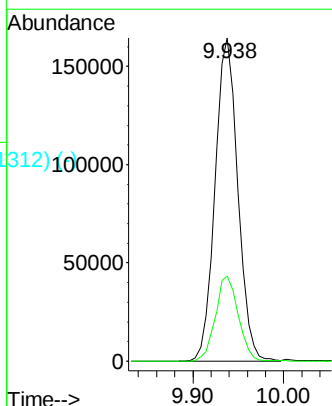
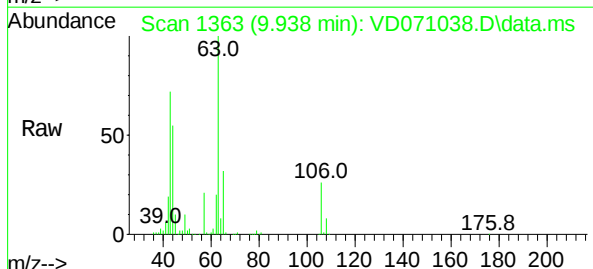
Acq: 16 Nov 2021 11:58

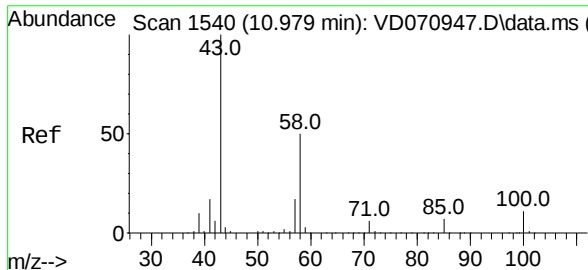
Tgt Ion: 63 Resp: 286292

Ion Ratio Lower Upper

63 100

106 26.3 21.0 31.4

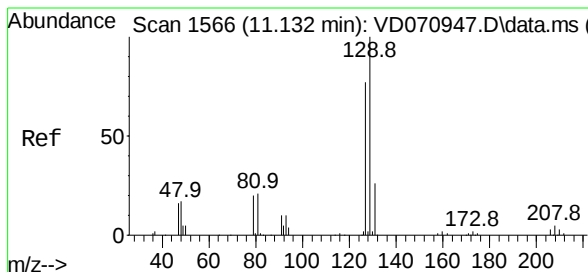
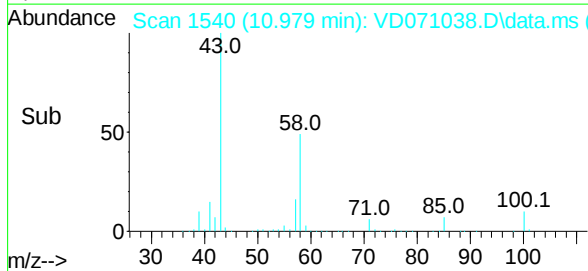
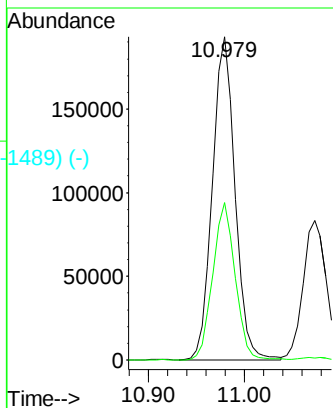
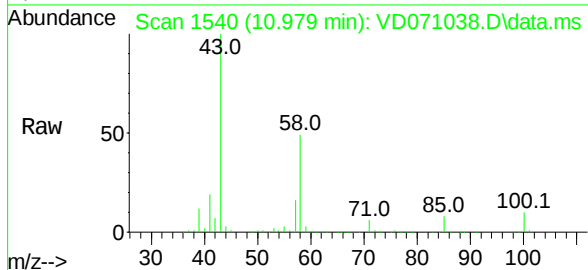




2-Hexanone
Concen: 237.43 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

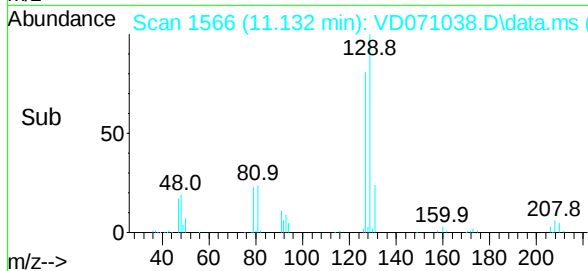
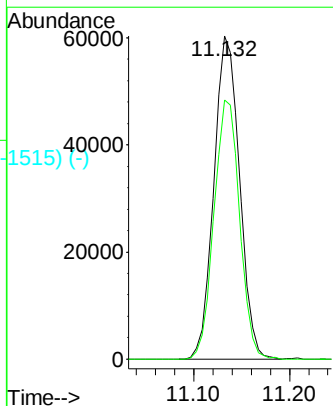
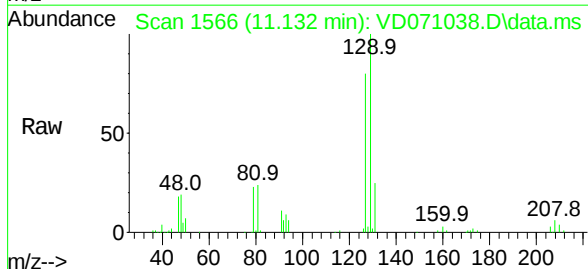
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 316223
Ion Ratio Lower Upper
43 100
58 48.2 28.7 86.1



Dibromochloromethane
Concen: 51.42 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion:129 Resp: 112235
Ion Ratio Lower Upper
129 100
127 80.0 38.9 116.6



Abundance Scan 1584 (11.238 min): VD070947.D\data.ms (-1563) (-)

1,2-Dibromoethane

Concen: 50.58 ug/l

RT: 11.238 min Scan# 1584

Delta R.T. -0.000 min

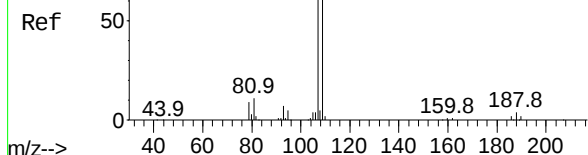
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :

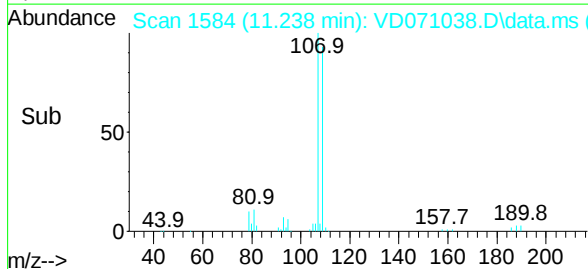
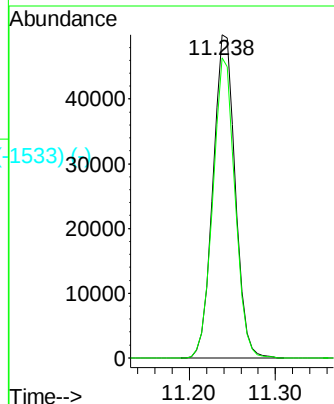
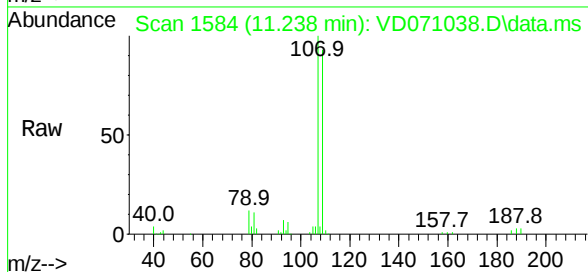


Tgt Ion:107 Resp: 89508

Ion Ratio Lower Upper

107 100

109 92.4 74.6 112.0



Abundance Scan 1819 (12.620 min): VD070947.D\data.ms (-1762) (-)

4-Bromofluorobenzene

Concen: 45.03 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.006 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

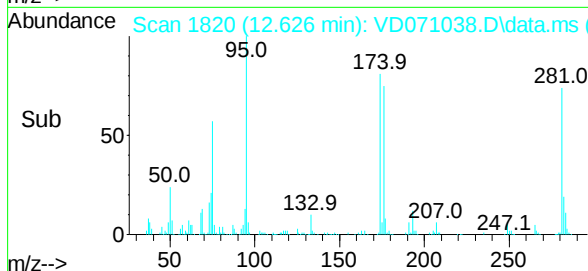
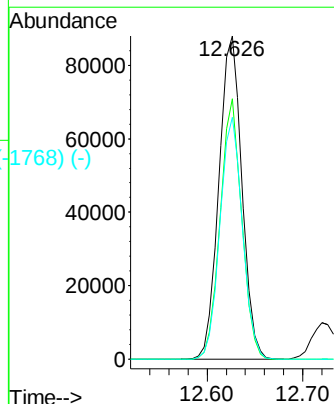
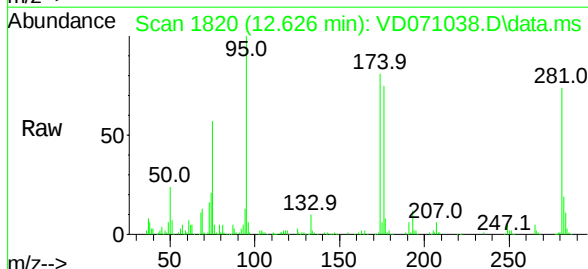
Tgt Ion: 95 Resp: 146532

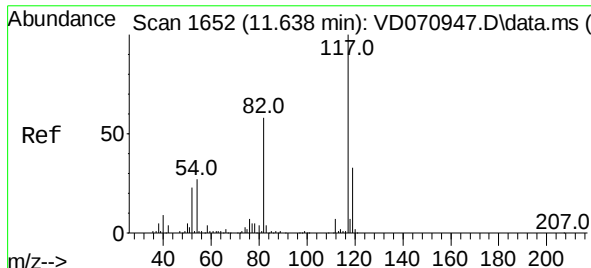
Ion Ratio Lower Upper

95 100

174 75.5 0.0 159.4

176 73.1 0.0 154.0

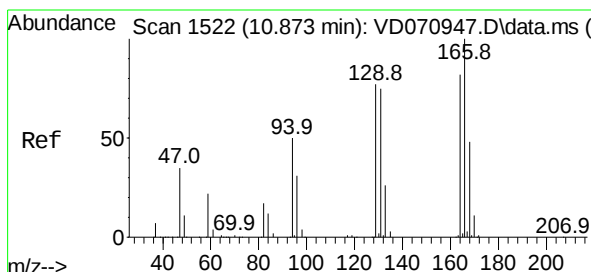
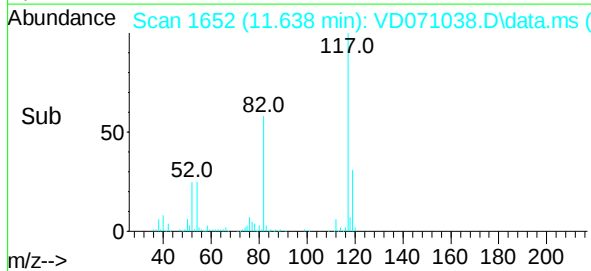
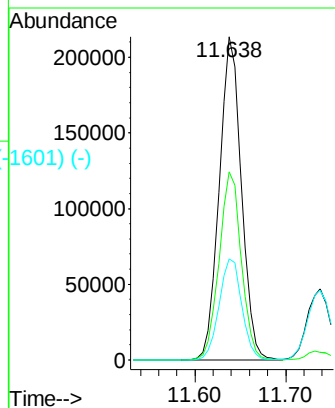
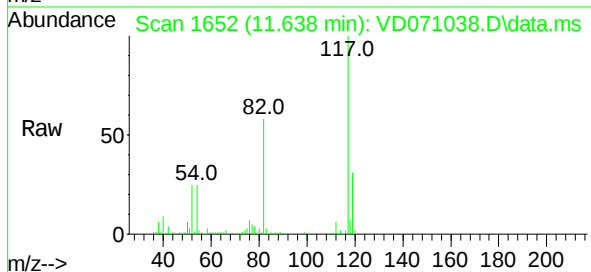




Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

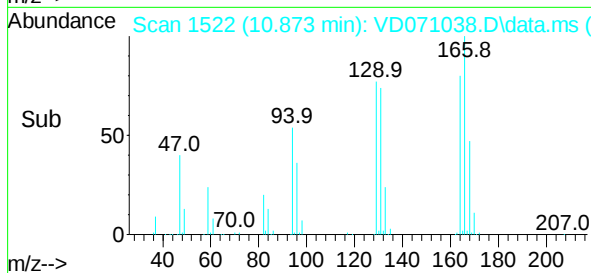
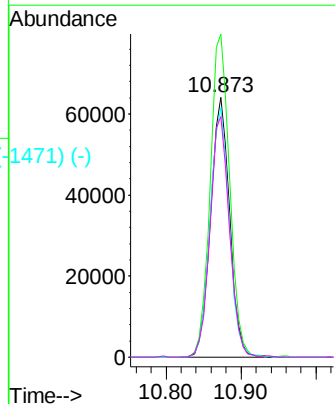
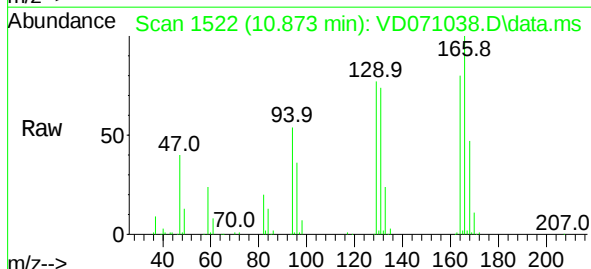
Instrument :
MSVOA_D
ClientSampleId :

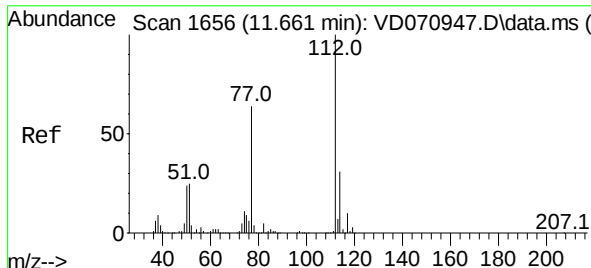
Tgt Ion:	117	Resp:	360802
Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.7	67.1
119	31.3	26.2	39.4



Tetrachloroethene
Concen: 53.86 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion:	164	Resp:	113316
Ion	Ratio	Lower	Upper
164	100		
166	124.3	102.6	153.8
129	95.9	75.4	113.0
131	92.5	70.6	106.0

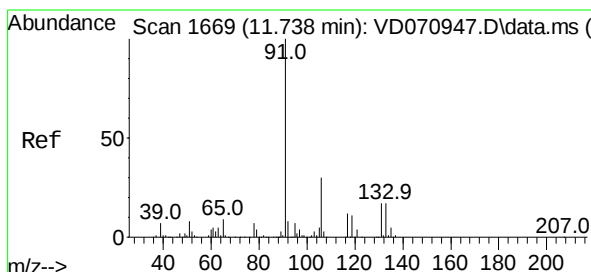
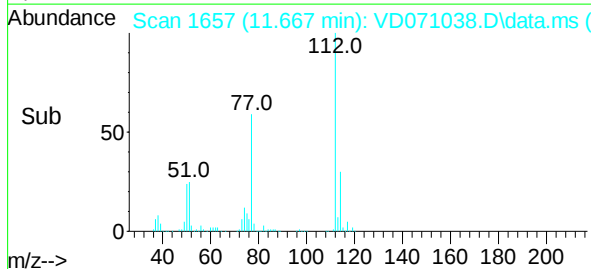
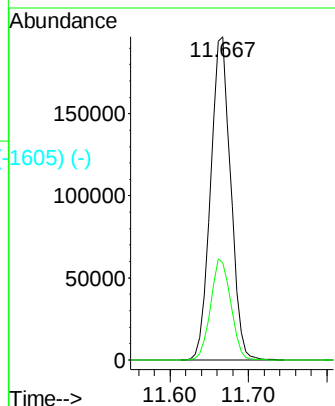
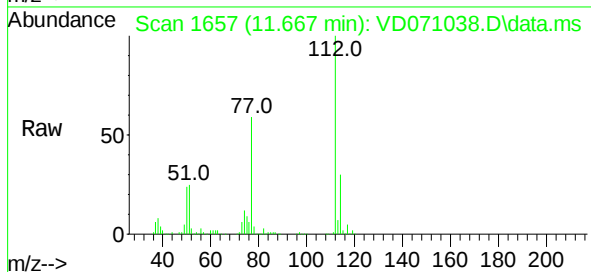




Chlorobenzene
 Concen: 54.01 ug/l
 RT: 11.667 min Scan# 1656
 Delta R.T. 0.006 min
 Lab File: VD071038.D
 Acq: 16 Nov 2021 11:58

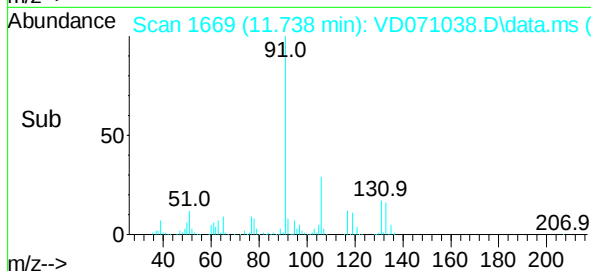
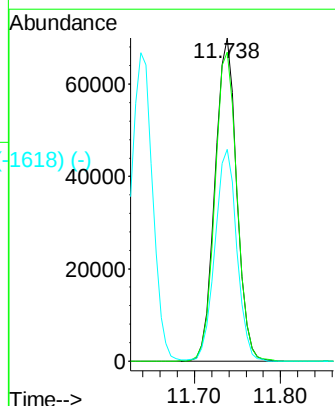
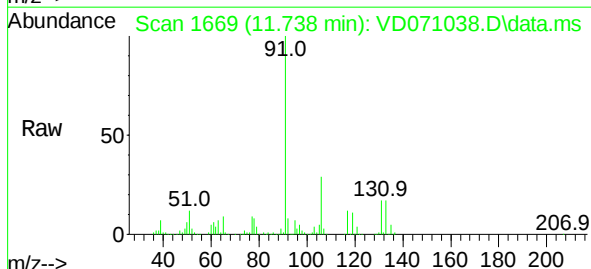
Instrument :
 MSVOA_D
 ClientSampleId :

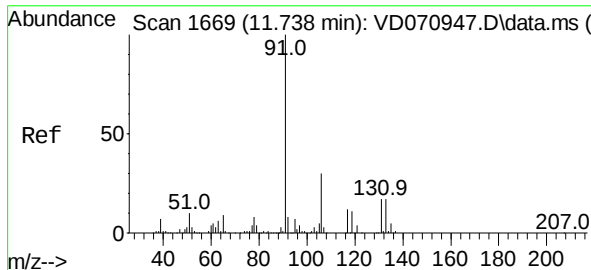
Tgt Ion:112 Resp: 347680
 Ion Ratio Lower Upper
 112 100
 114 30.1 26.0 39.0



1,1,1,2-Tetrachloroethane
 Concen: 53.85 ug/l
 RT: 11.738 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: VD071038.D
 Acq: 16 Nov 2021 11:58

Tgt Ion:131 Resp: 123041
 Ion Ratio Lower Upper
 131 100
 133 97.3 48.0 144.0
 119 66.3 33.5 100.4

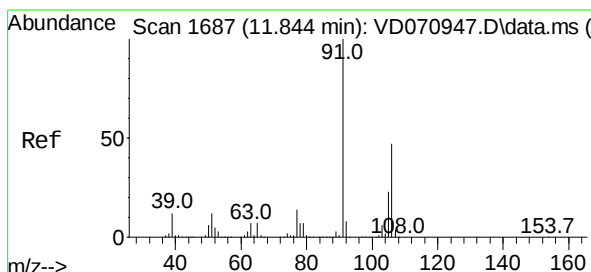
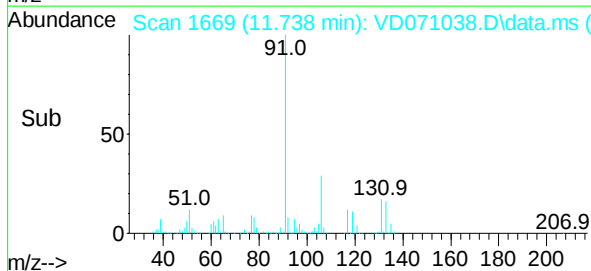
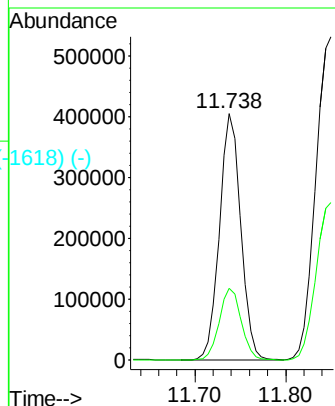
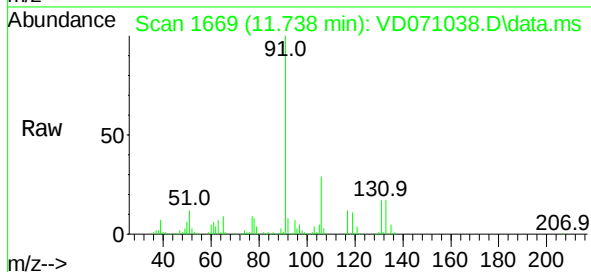




Ethyl Benzene
Concen: 54.07 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

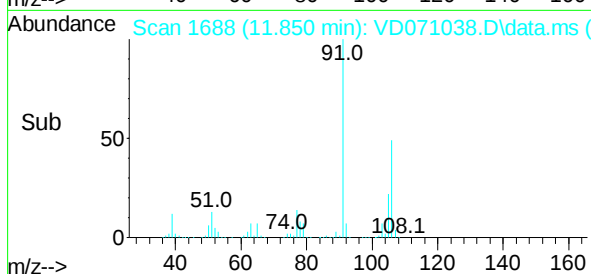
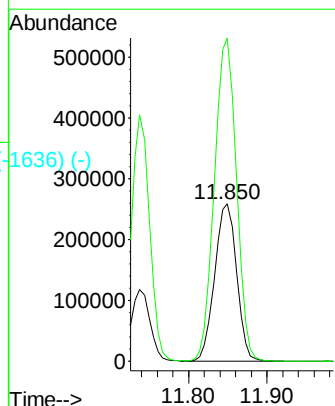
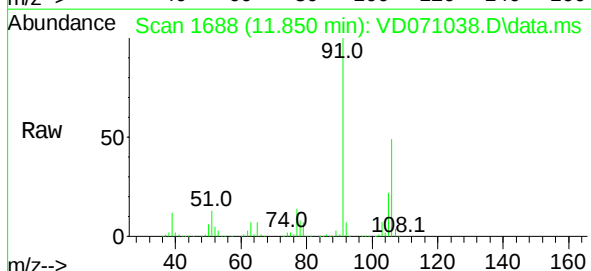
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 659223
Ion Ratio Lower Upper
91 100
106 29.0 24.6 36.8

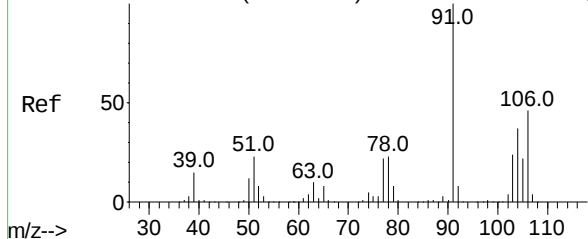


m/p-Xylenes
Concen: 109.53 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion:106 Resp: 499064
Ion Ratio Lower Upper
106 100
91 206.6 160.1 240.1



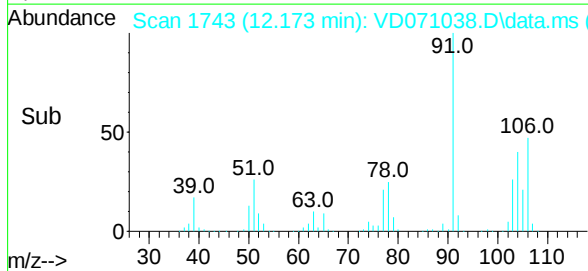
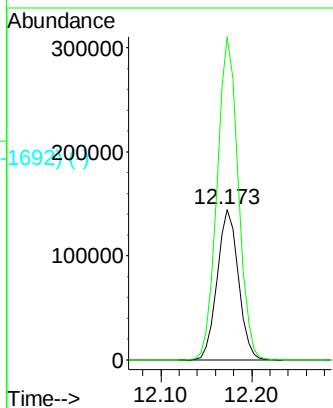
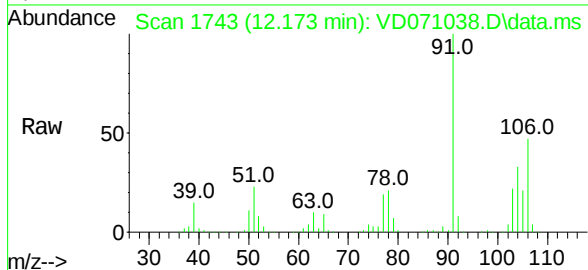
Abundance Scan 1743 (12.173 min): VD070947.D\data.ms (-1759)



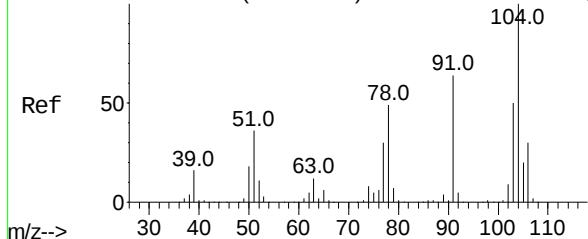
o-Xylene
Concen: 54.04 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 234206
Ion Ratio Lower Upper
106 100
91 215.4 106.3 319.0

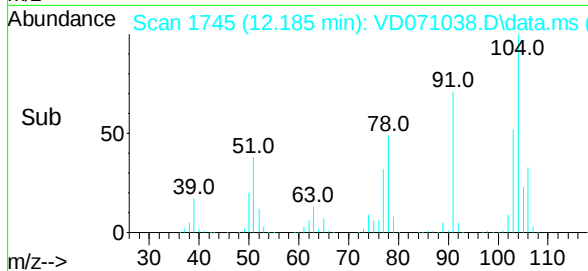
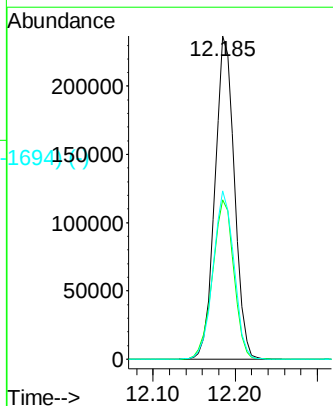
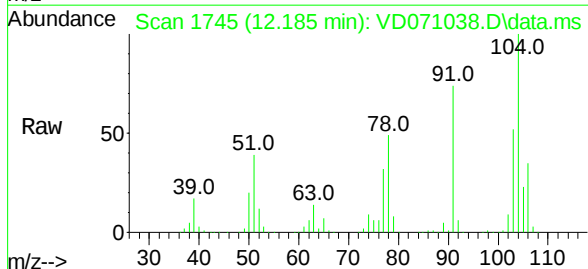


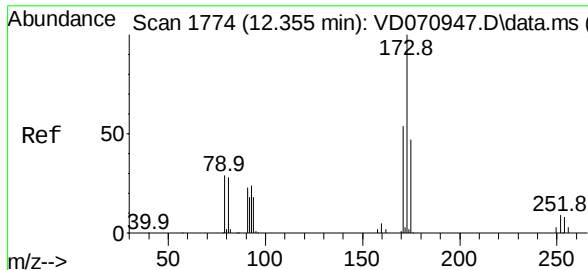
Abundance Scan 1745 (12.185 min): VD070947.D\data.ms (-1759)



Styrene
Concen: 53.35 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion:104 Resp: 391488
Ion Ratio Lower Upper
104 100
78 53.7 39.4 59.0
103 55.7 43.4 65.0

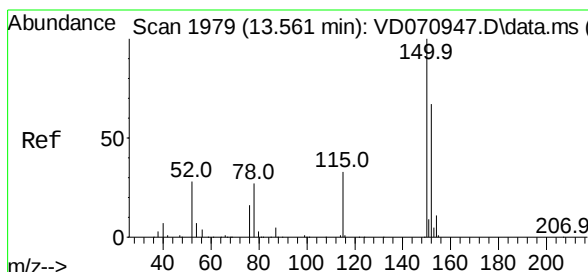
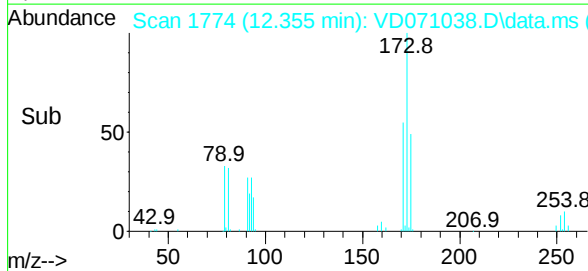
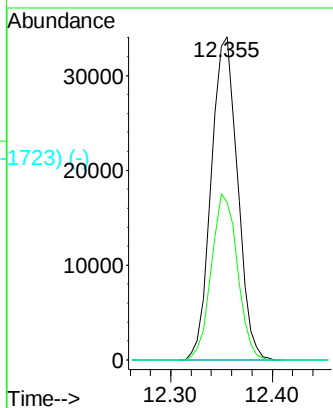
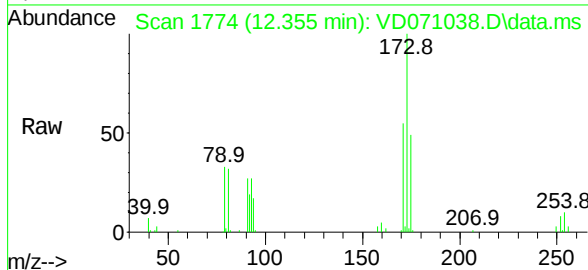




Bromoform
Concen: 51.53 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

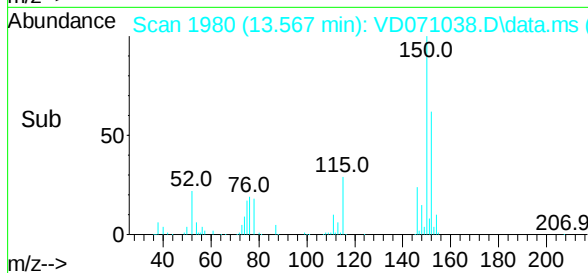
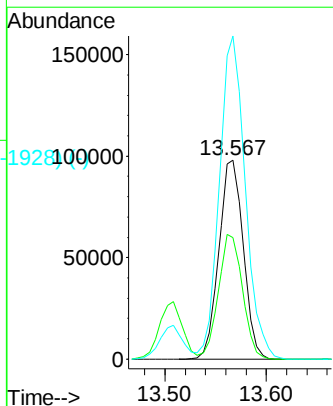
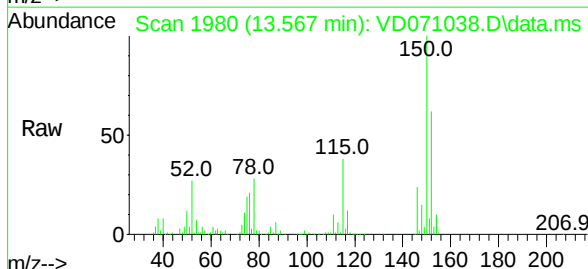
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 61396
Ion Ratio Lower Upper
173 100
175 50.9 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: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion:152 Resp: 163367
Ion Ratio Lower Upper
152 100
115 62.1 29.8 89.3
150 172.2 0.0 349.2



Abundance Scan 1794 (12.473 min): VD070947.D\data.ms (-1774) (-)

Isopropylbenzene

Concen: 54.31 ug/l

RT: 12.473 min Scan# 1794

Delta R.T. 0.000 min

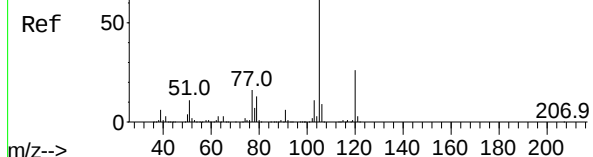
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :

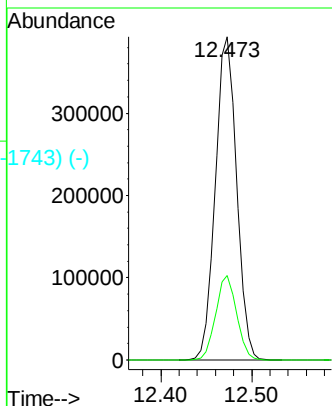
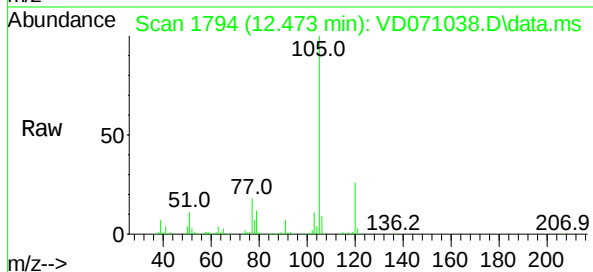


Tgt Ion:105 Resp: 639207

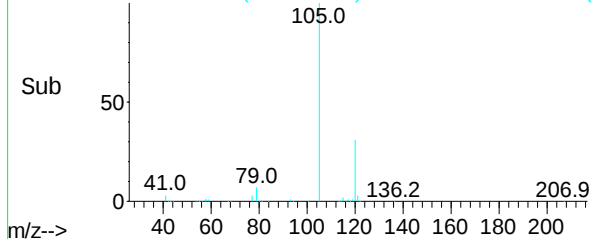
Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.5



Abundance Scan 1794 (12.473 min): VD071038.D\data.ms (-1743) (-)



Abundance Scan 1761 (12.279 min): VD070947.D\data.ms (-1754) (-)

N-amyI acetate

Concen: 47.17 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Tgt Ion: 43 Resp: 158614

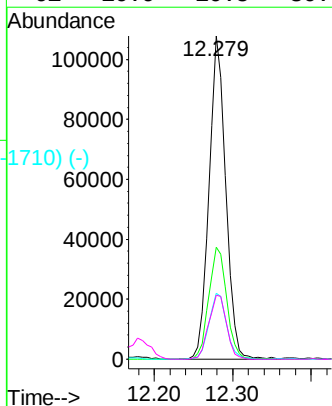
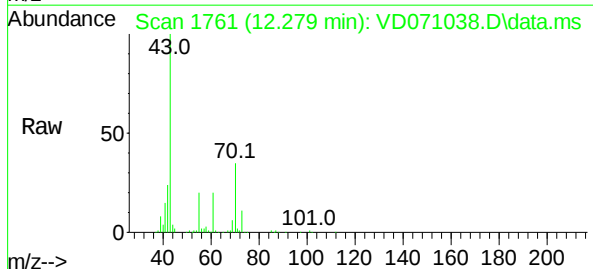
Ion Ratio Lower Upper

43 100

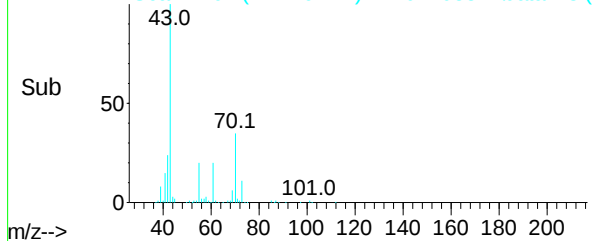
70 37.3 36.6 55.0

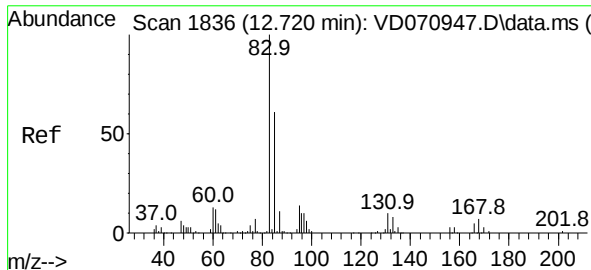
55 21.4 22.5 33.7#

61 20.9 20.5 30.7



Abundance Scan 1761 (12.279 min): VD071038.D\data.ms (-1710) (-)

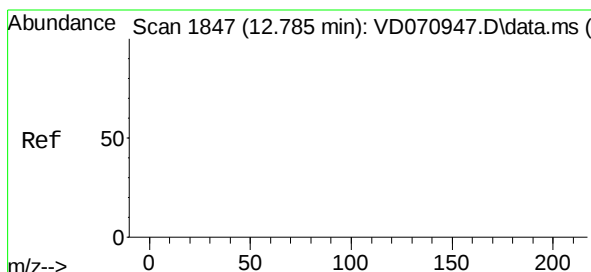
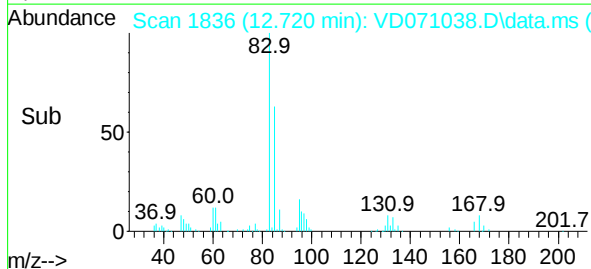
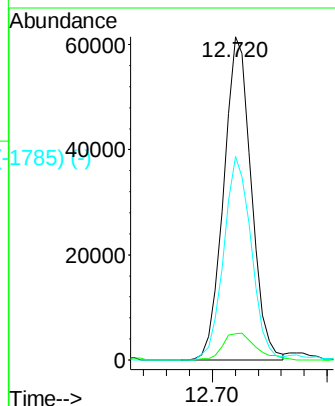
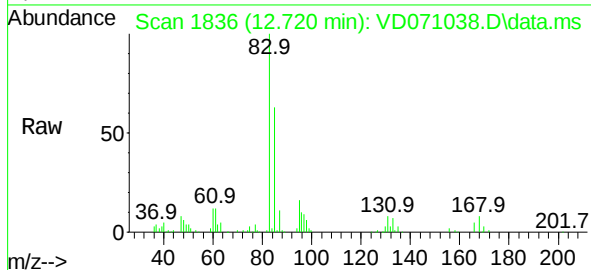




1,1,2,2-Tetrachloroethane
 Concen: 50.35 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD071038.D
 Acq: 16 Nov 2021 11:58

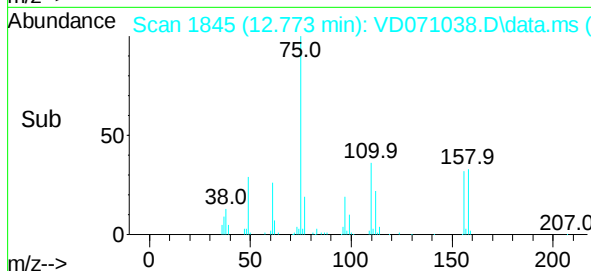
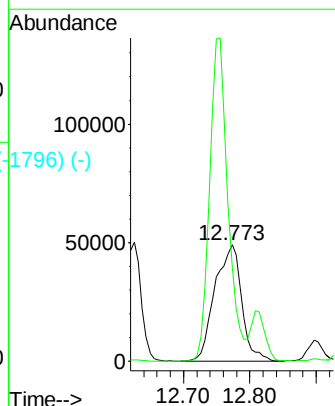
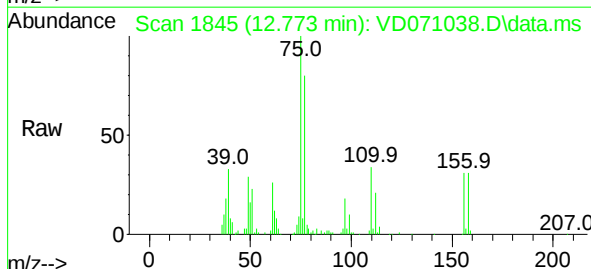
Instrument :
 MSVOA_D
 ClientSampleId :

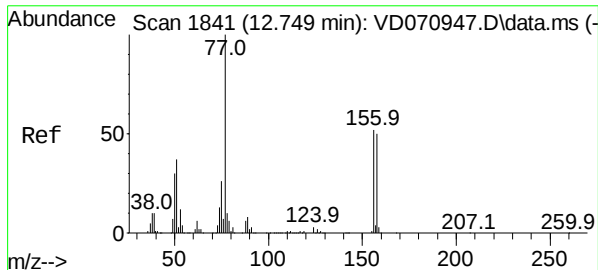
Tgt Ion:	83	Resp:	101999
Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.7
85	62.8	32.0	96.2



1,2,3-Trichloropropane
 Concen: 97.97 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.012 min
 Lab File: VD071038.D
 Acq: 16 Nov 2021 11:58

Tgt Ion:	75	Resp:	136718
Ion	Ratio	Lower	Upper
75	100		
77	191.1	158.4	475.3

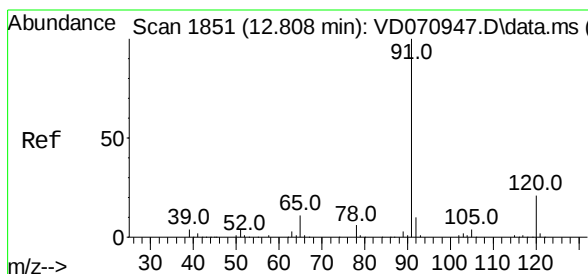
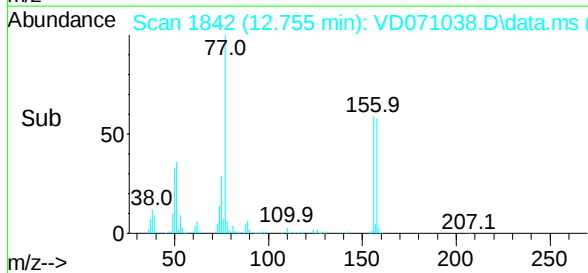
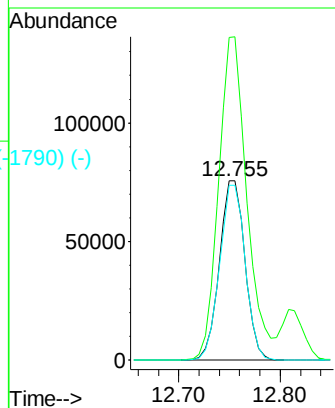
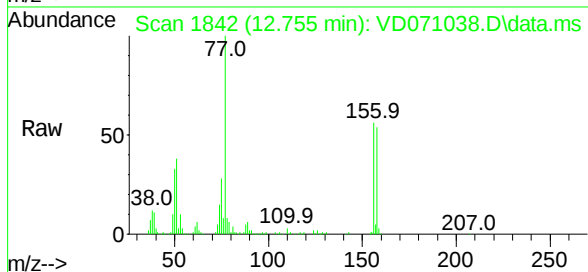




Bromobenzene
Concen: 52.50 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

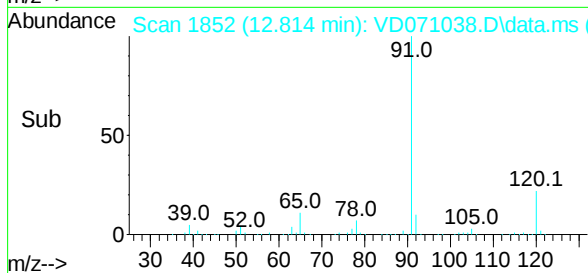
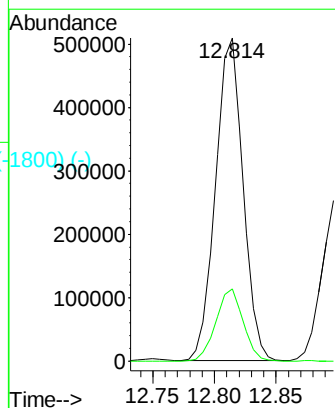
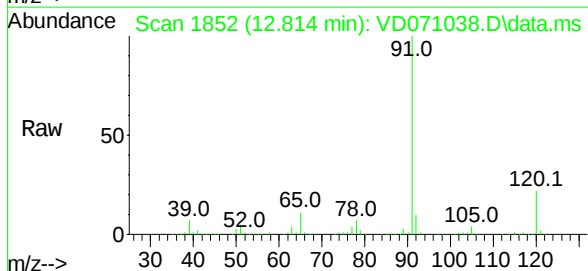
Instrument :
MSVOA_D
ClientSampleId :

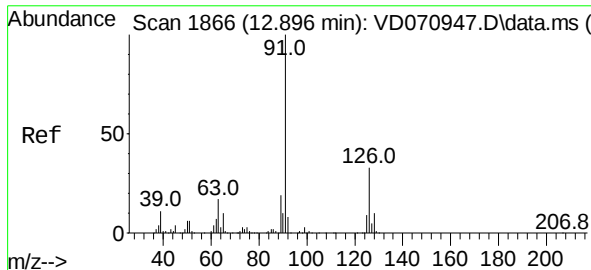
Tgt Ion:156 Resp: 132015
Ion Ratio Lower Upper
156 100
77 197.9 96.6 289.8
158 97.5 49.1 147.4



n-propylbenzene
Concen: 54.33 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion: 91 Resp: 792335
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9

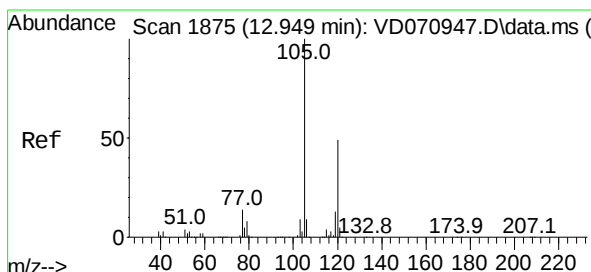
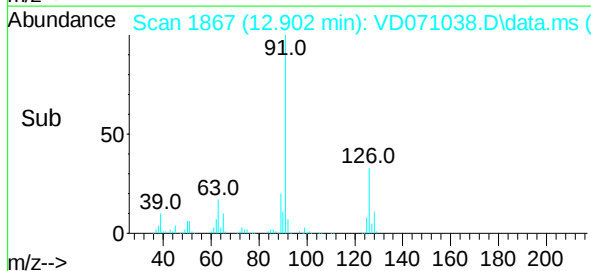
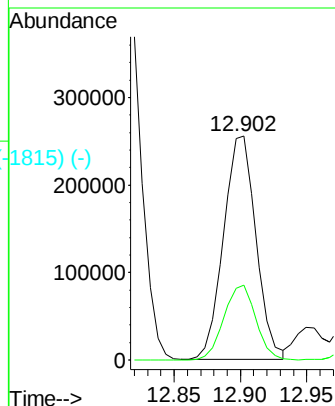
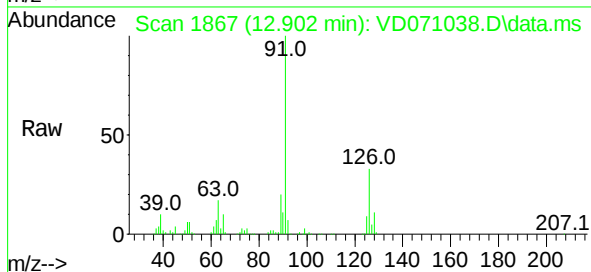




2-Chlorotoluene
Concen: 52.27 ug/l
RT: 12.902 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

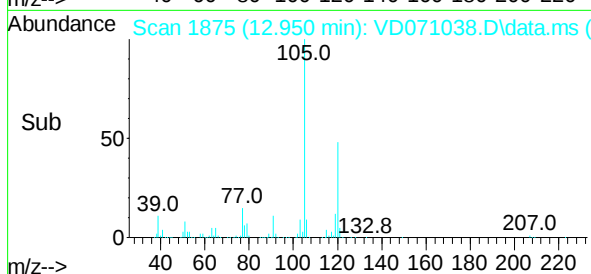
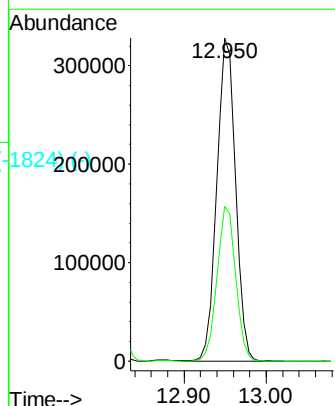
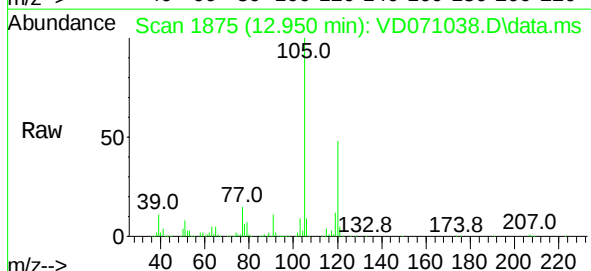
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 434640
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7



1,3,5-Trimethylbenzene
Concen: 53.93 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.001 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion:105 Resp: 522604
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.8



Abundance Scan 1801 (12.514 min): VD070947.D\data.ms (-1784) (-)

trans-1,4-Dichloro-2-butene

Concen: 41.14 ug/l

RT: 12.520 min Scan# 1801

Delta R.T. 0.006 min

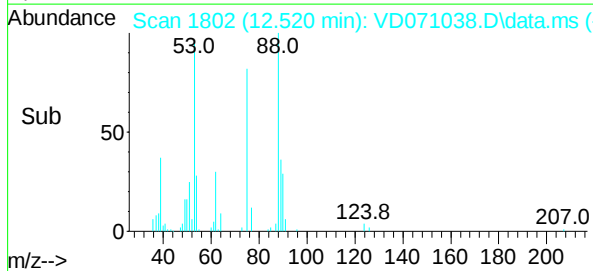
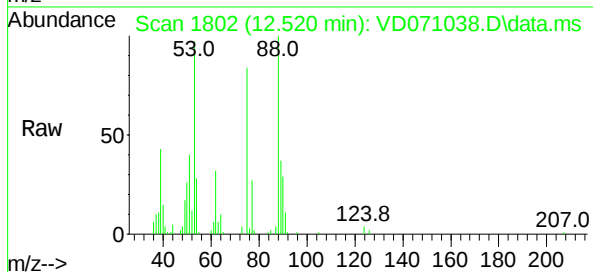
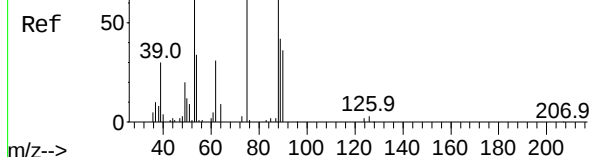
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

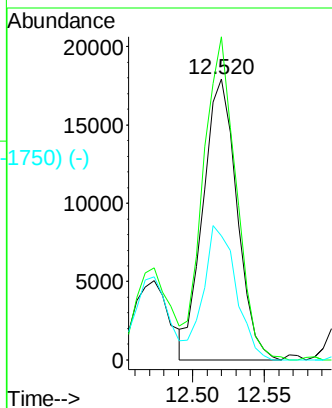
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	29343
Ion	Ratio	Lower	Upper
75	100		
53	111.6	62.6	94.0#
89	46.5	34.5	51.7



Abundance Scan 1883 (12.996 min): VD070947.D\data.ms (-1783) (-)

4-Chlorotoluene

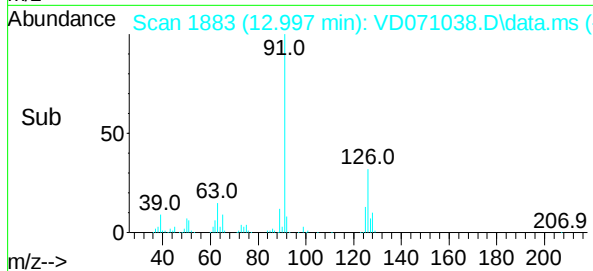
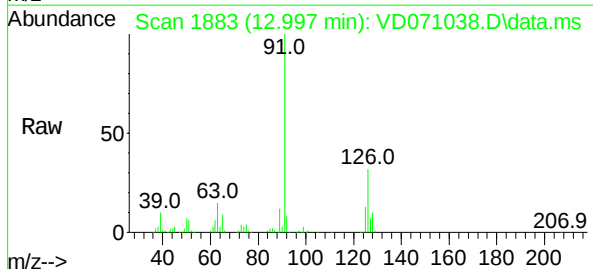
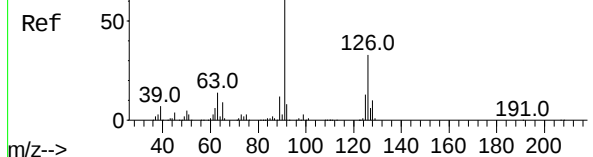
Concen: 52.66 ug/l

RT: 12.997 min Scan# 1883

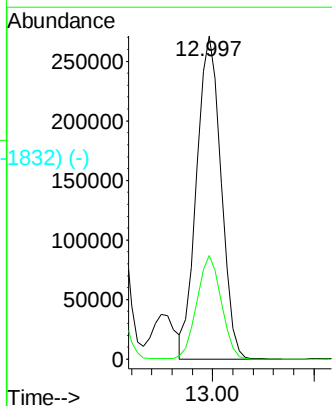
Delta R.T. 0.001 min

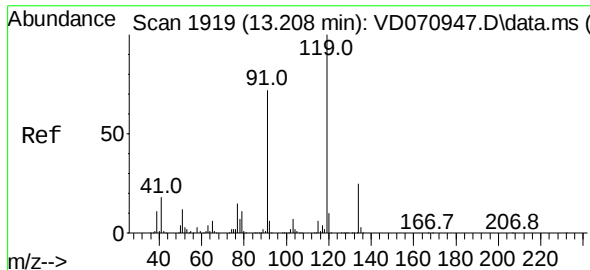
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58



Tgt Ion:	91	Resp:	451901
Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.4	49.1

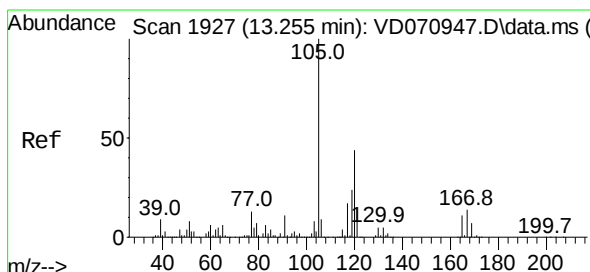
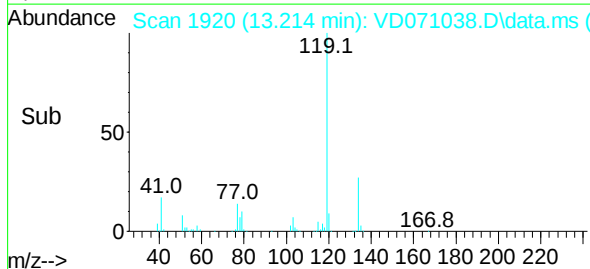
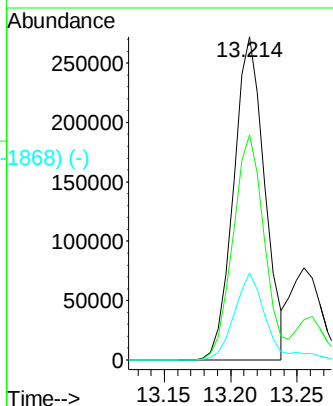
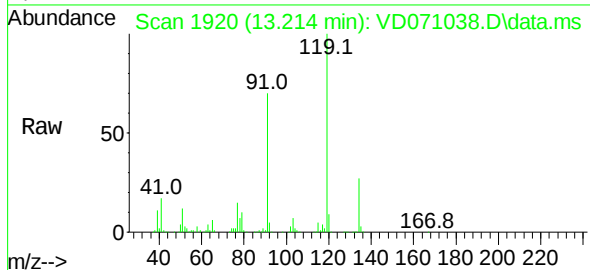




tert-Butylbenzene
Concen: 53.05 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

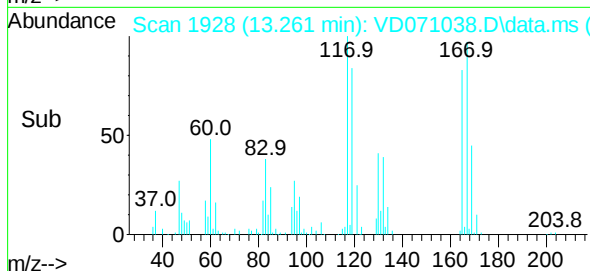
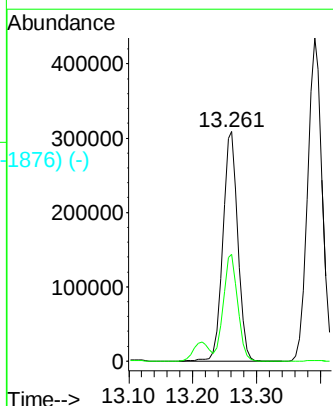
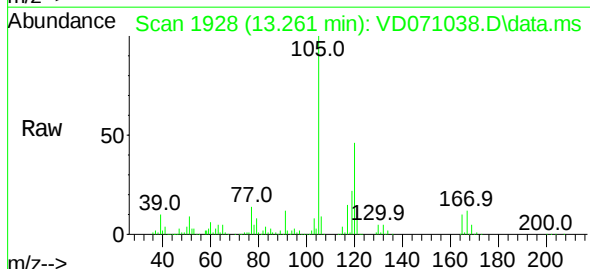
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	119	Resp:	442810
Ion	Ratio	Lower	Upper
119	100		
91	70.7	32.5	97.5
134	27.6	13.2	39.6



1,2,4-Trimethylbenzene
Concen: 53.13 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion:	105	Resp:	504186
Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.9	68.7



Abundance Scan 1950 (13.391 min): VD070947.D\data.ms (-1985) (-)

sec-Butylbenzene

Concen: 54.90 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. -0.000 min

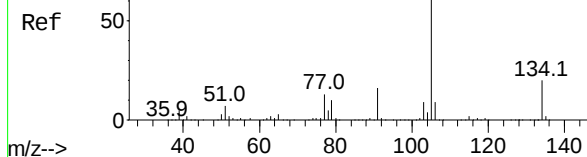
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :

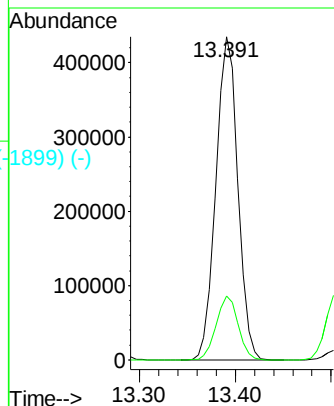
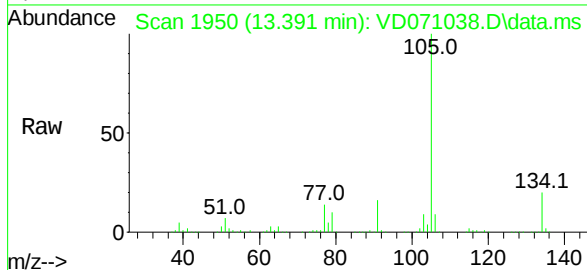


Tgt Ion:105 Resp: 688997

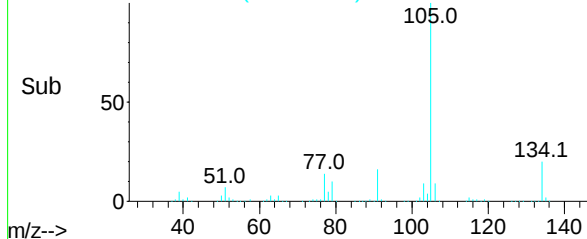
Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



Abundance Scan 1950 (13.391 min): VD071038.D\data.ms (-1899) (-)



Abundance Scan 1969 (13.502 min): VD070947.D\data.ms (-1985) (-)

p-Isopropyltoluene

Concen: 56.67 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. 0.006 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

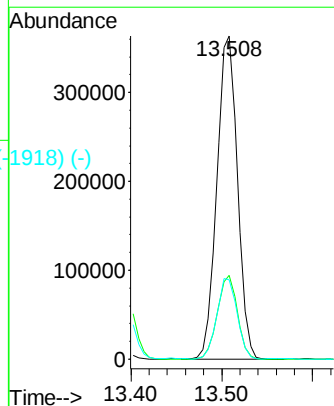
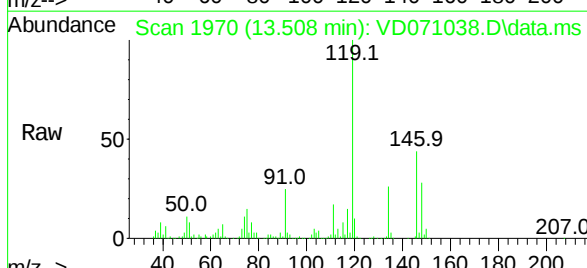
Tgt Ion:119 Resp: 571073

Ion Ratio Lower Upper

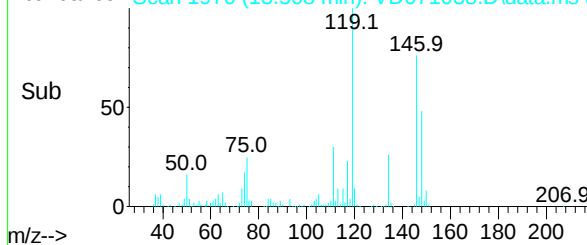
119 100

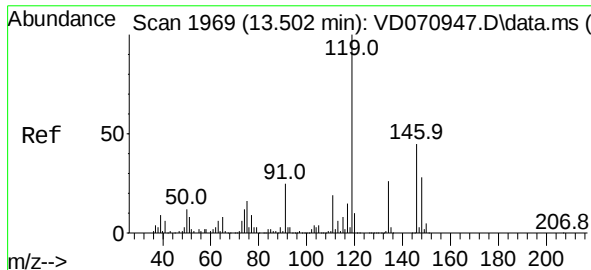
134 25.4 13.0 38.9

91 24.6 11.4 34.2



Abundance Scan 1970 (13.508 min): VD071038.D\data.ms (-1918) (-)

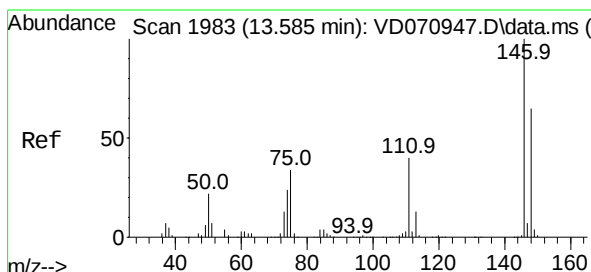
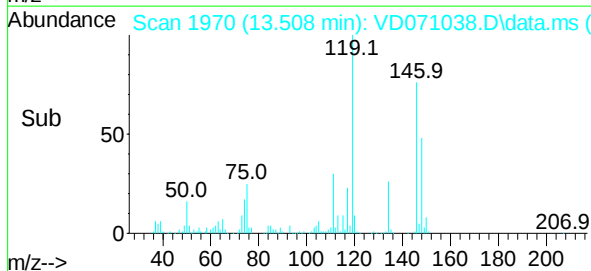
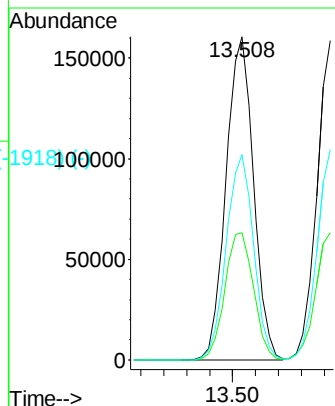
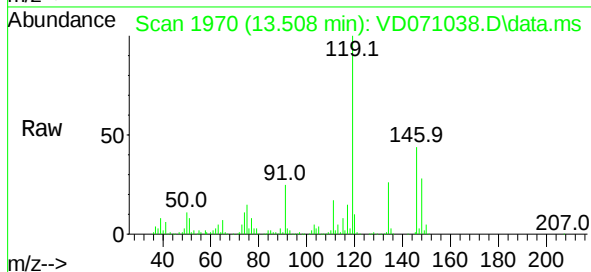




1,3-Dichlorobenzene
Concen: 54.06 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

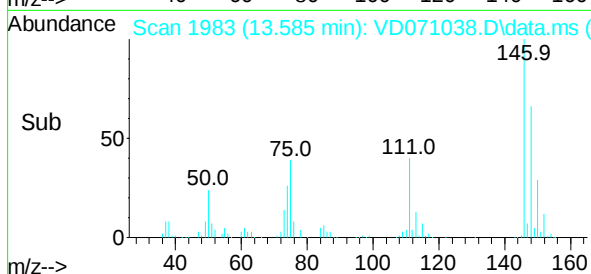
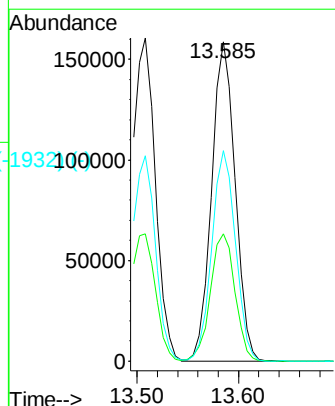
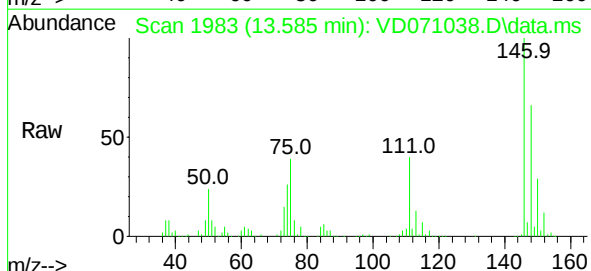
Instrument :
MSVOA_D
ClientSampleId :

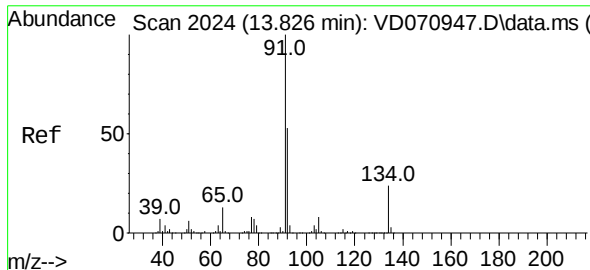
Tgt Ion:	146	Resp:	265817
Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.8	59.4
148	63.4	32.1	96.3



1,4-Dichlorobenzene
Concen: 51.88 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion:	146	Resp:	255370
Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.6	58.8
148	66.4	31.5	94.5

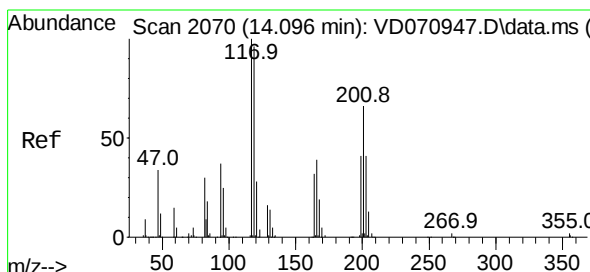
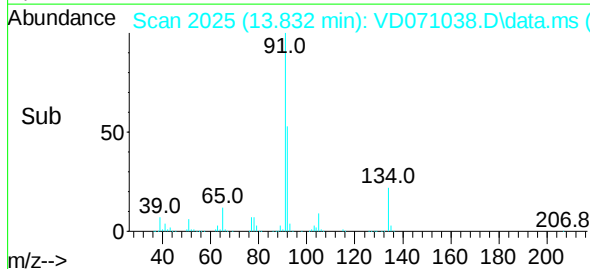
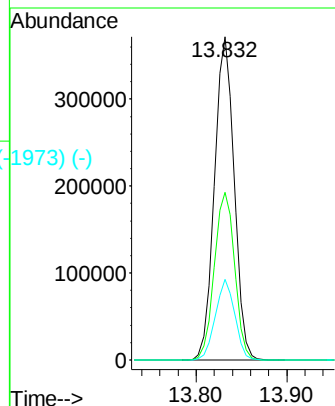
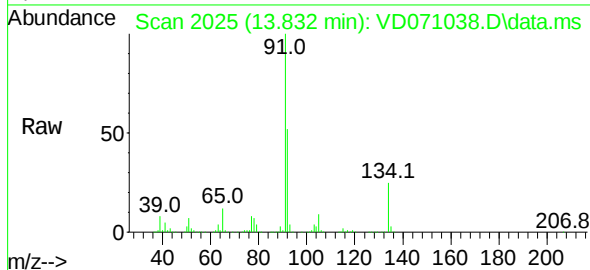




n-Butylbenzene
 Concen: 55.32 ug/l
 RT: 13.832 min Scan# 1973
 Delta R.T. 0.006 min
 Lab File: VD071038.D
 Acq: 16 Nov 2021 11:58

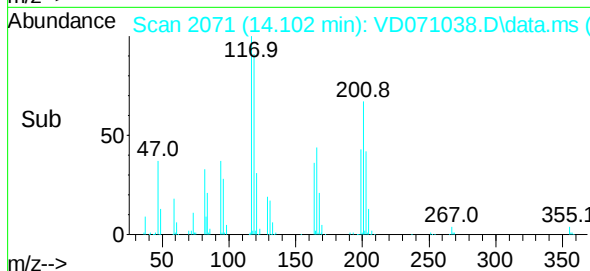
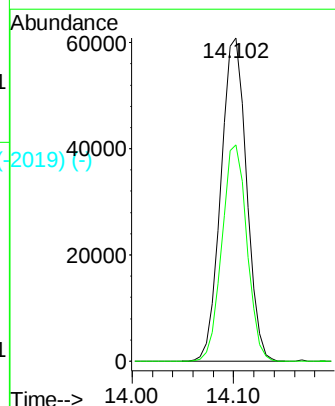
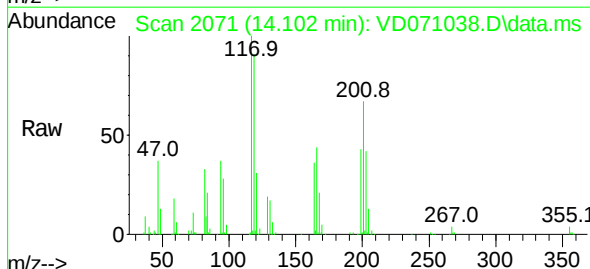
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	91	Resp:	560184
Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.3	81.9
134	24.5	12.3	36.9

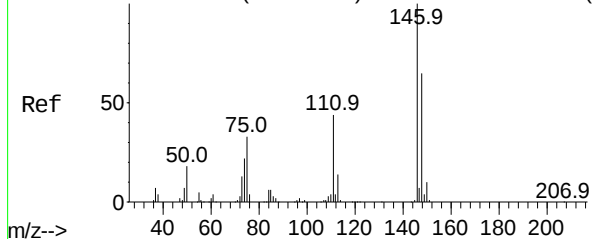


Hexachloroethane
 Concen: 53.63 ug/l
 RT: 14.102 min Scan# 2071
 Delta R.T. 0.006 min
 Lab File: VD071038.D
 Acq: 16 Nov 2021 11:58

Tgt Ion:	117	Resp:	106947
Ion	Ratio	Lower	Upper
117	100		
201	65.2	36.0	108.1



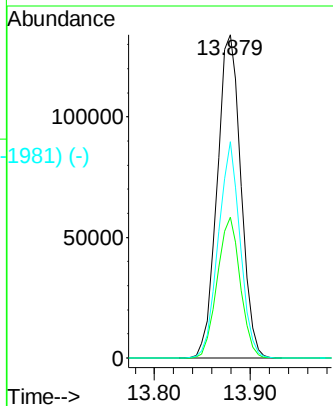
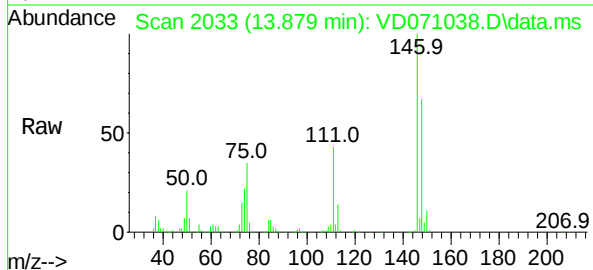
Abundance Scan 2032 (13.873 min): VD070947.D\data.ms (-2023) (-)



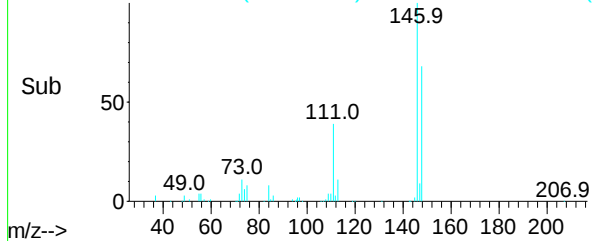
1,2-Dichlorobenzene
Concen: 53.95 ug/l
RT: 13.879 min Scan# 2129
Delta R.T. 0.006 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :

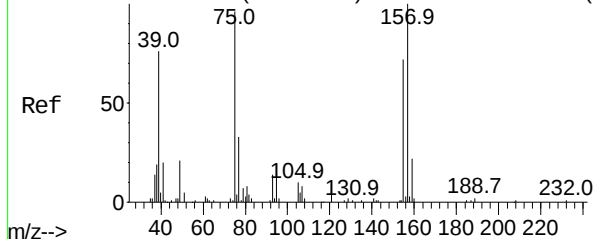
Tgt Ion:	146	Resp:	229835
Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.2
148	61.6	31.7	95.1



Abundance Scan 2033 (13.879 min): VD071038.D\data.ms (-1981) (-)

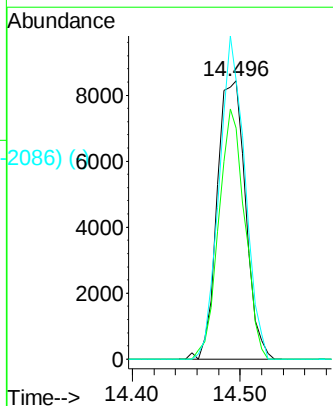
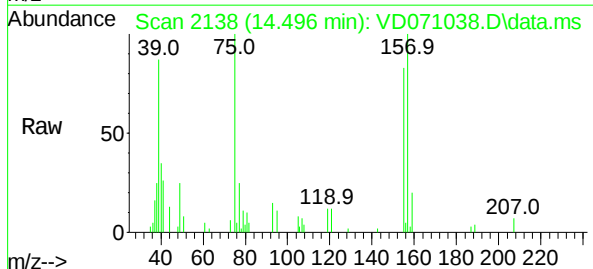


Abundance Scan 2137 (14.491 min): VD070947.D\data.ms (-2129) (-)

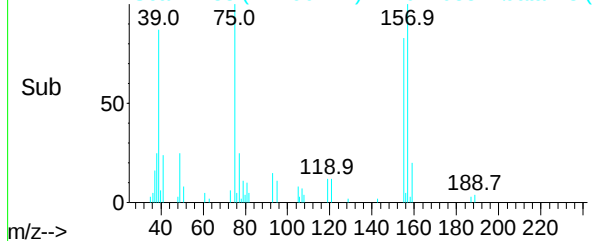


1,2-Dibromo-3-Chloropropane
Concen: 46.79 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.005 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion:	75	Resp:	15546
Ion	Ratio	Lower	Upper
75	100		
155	82.2	40.0	120.0
157	105.3	49.8	149.3



Abundance Scan 2138 (14.496 min): VD071038.D\data.ms (-2086) (-)



Abundance Scan 2248 (15.143 min): VD070947.D\data.ms (-2197) (-)

1,2,4-Trichlorobenzene

Concen: 52.78 ug/l

RT: 15.144 min Scan# 2248

Delta R.T. 0.000 min

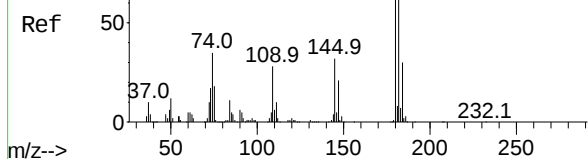
Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :



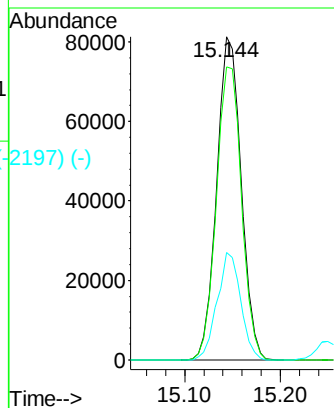
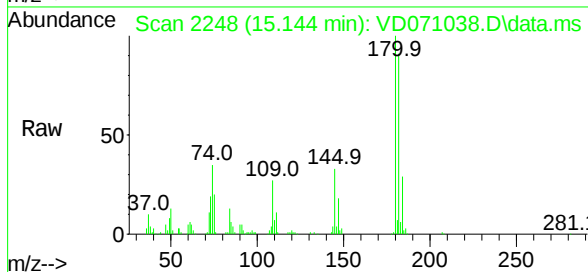
Tgt Ion:180 Resp: 143865

Ion Ratio Lower Upper

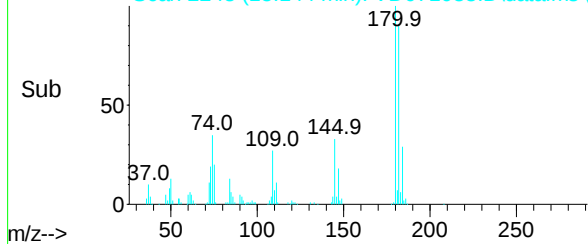
180 100

182 93.1 48.2 144.6

145 32.1 15.4 46.2



Abundance Scan 2248 (15.144 min): VD071038.D\data.ms (-2197) (-)



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

Hexachlorobutadiene

Concen: 59.51 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD071038.D

Acq: 16 Nov 2021 11:58

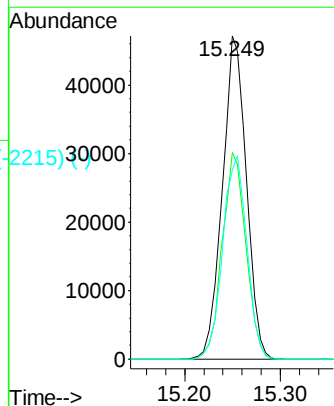
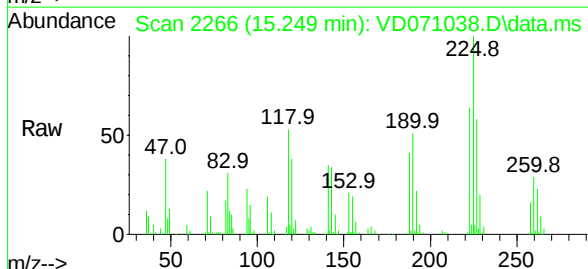
Tgt Ion:225 Resp: 81803

Ion Ratio Lower Upper

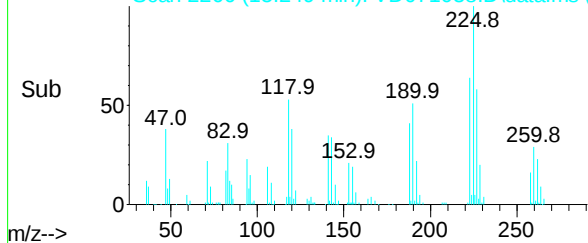
225 100

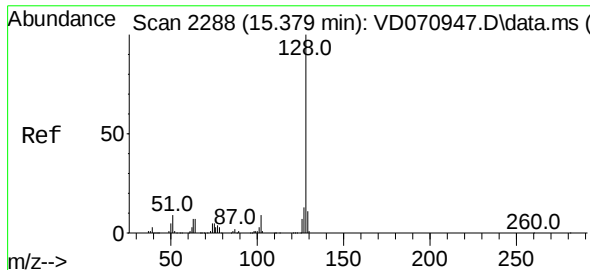
223 63.3 31.8 95.3

227 63.7 31.6 94.8



Abundance Scan 2266 (15.249 min): VD071038.D\data.ms (-2215) (-)

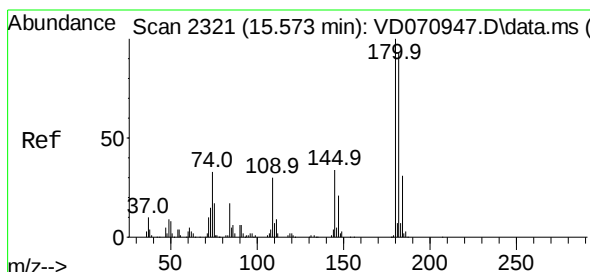
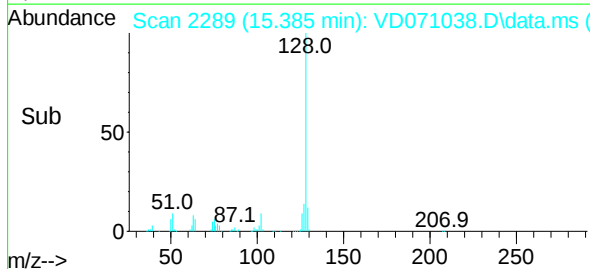
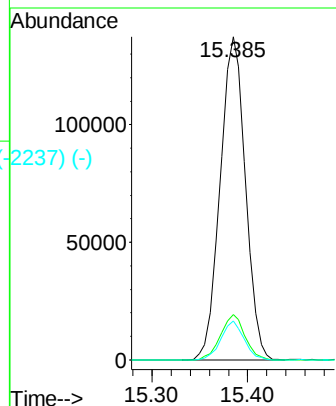
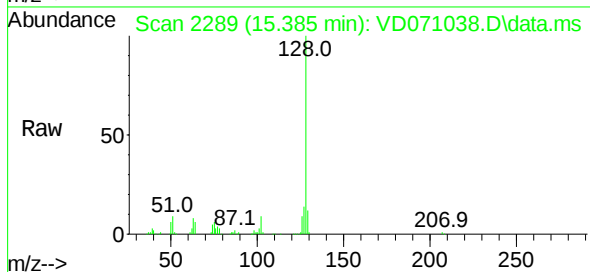




Naphthalene
Concen: 48.23 ug/l
RT: 15.385 min Scan# 2288
Delta R.T. 0.006 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 251033
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.0 8.7 13.1



1,2,3-Trichlorobenzene
Concen: 52.61 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD071038.D
Acq: 16 Nov 2021 11:58

Tgt Ion:180 Resp: 120563
Ion Ratio Lower Upper
180 100
182 95.9 46.7 140.1
145 34.0 15.9 47.6

