

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071114.D
 Acq On : 02 Dec 2021 13:12
 Operator : VA/SY
 Sample : VD1202SBS01
 Misc : 5.00G/5.00mL/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 03 00:35:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	255661	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	430032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	396843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	188800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	150823	50.28	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	100.56%	
35) Dibromofluoromethane	7.914	113	146059	53.34	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	106.68%	
50) Toluene-d8	10.332	98	512844	49.21	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.620	95	184380	51.04	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	102.08%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	46642	21.39	ug/l	96
3) Chloromethane	2.209	50	66469	23.04	ug/l	99
4) Vinyl Chloride	2.350	62	74163	23.05	ug/l	99
5) Bromomethane	2.762	94	51245	22.09	ug/l	98
6) Chloroethane	2.921	64	53164	24.02	ug/l	95
7) Trichlorofluoromethane	3.274	101	89545	20.54	ug/l	100
8) Diethyl Ether	3.715	74	23723	20.07	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	53803	20.92	ug/l	95
10) Methyl Iodide	4.297	142	42390	17.45	ug/l	95
11) Tert butyl alcohol	5.191	59	39591	190.04	ug/l #	75
12) 1,1-Dichloroethene	4.068	96	45404	19.13	ug/l	89
13) Acrolein	3.921	56	21664	105.68	ug/l	100
14) Allyl chloride	4.709	41	87119	19.32	ug/l #	78
15) Acrylonitrile	5.415	53	55985	97.41	ug/l	96
16) Acetone	4.156	43	54063	90.30	ug/l #	79
17) Carbon Disulfide	4.415	76	141578	20.37	ug/l	99
18) Methyl Acetate	4.721	43	42186	19.06	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	114886	19.75	ug/l	100
20) Methylene Chloride	4.962	84	65458	19.04	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	54383	20.36	ug/l	90
22) Diisopropyl ether	6.362	45	179084	19.83	ug/l	92
23) Vinyl Acetate	6.303	43	396501	99.56	ug/l	99
24) 1,1-Dichloroethane	6.262	63	108029	20.79	ug/l	98
25) 2-Butanone	7.209	43	72370	98.10	ug/l	98
26) 2,2-Dichloropropane	7.209	77	86109	18.23	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	61168	20.24	ug/l	93
28) Bromochloromethane	7.544	49	48904	21.67	ug/l	91
29) Tetrahydrofuran	7.562	42	47548	99.82	ug/l	92
30) Chloroform	7.709	83	107475	20.61	ug/l	96
31) Cyclohexane	7.979	56	98470	19.30	ug/l #	93
32) 1,1,1-Trichloroethane	7.903	97	91133	19.47	ug/l #	92
36) 1,1-Dichloropropene	8.109	75	80218	19.96	ug/l	97
37) Ethyl Acetate	7.297	43	31607	18.21	ug/l	97
38) Carbon Tetrachloride	8.097	117	80410	20.30	ug/l	95
39) Methylcyclohexane	9.356	83	94090	19.46	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.350	78	218674	20.03	ug/l	96
41) Methacrylonitrile	7.514	41	15825	19.77	ug/l	91
42) 1,2-Dichloroethane	8.420	62	69274	20.79	ug/l	95
43) Isopropyl Acetate	8.444	43	66333	20.77	ug/l	91
44) Trichloroethene	9.108	130	58089	19.96	ug/l	99
45) 1,2-Dichloropropane	9.379	63	57977	20.19	ug/l	99
46) Dibromomethane	9.467	93	28985	19.46	ug/l	98
47) Bromodichloromethane	9.656	83	80544	20.45	ug/l	99
48) Methyl methacrylate	9.456	41	32563	19.16	ug/l #	82
49) 1,4-Dioxane	9.456	88	6028	419.23	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	164847	104.53	ug/l	91
52) Toluene	10.397	92	141666	20.45	ug/l	94
53) t-1,3-Dichloropropene	10.614	75	68601	18.94	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	83260	19.35	ug/l #	79
55) 1,1,2-Trichloroethane	10.791	97	39220	20.07	ug/l	93
56) Ethyl methacrylate	10.655	69	45877	20.33	ug/l #	72
57) 1,3-Dichloropropane	10.938	76	68564	19.97	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	142118	106.88	ug/l	98
59) 2-Hexanone	10.979	43	111943	99.96	ug/l	90
60) Dibromochloromethane	11.132	129	49289	20.30	ug/l	100
61) 1,2-Dibromoethane	11.238	107	37525	20.00	ug/l	98
64) Tetrachloroethene	10.873	164	49784	19.76	ug/l	98
65) Chlorobenzene	11.661	112	144148	19.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	52831	19.65	ug/l	98
67) Ethyl Benzene	11.738	91	268321	19.36	ug/l	99
68) m/p-Xylenes	11.844	106	203765	38.94	ug/l	97
69) o-Xylene	12.173	106	94862	19.29	ug/l	99
70) Styrene	12.185	104	159352	19.22	ug/l	98
71) Bromoform	12.350	173	26691	19.16	ug/l #	99
73) Isopropylbenzene	12.473	105	255043	18.66	ug/l	100
74) N-amyl acetate	12.279	43	59208	19.72	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	44836	19.92	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	55465	30.83	ug/l #	1
77) Bromobenzene	12.749	156	56522	19.09	ug/l	95
78) n-propylbenzene	12.814	91	315050	18.51	ug/l	98
79) 2-Chlorotoluene	12.897	91	178277	18.66	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	210444	18.67	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	11805	19.35	ug/l #	79
82) 4-Chlorotoluene	12.997	91	188177	18.97	ug/l	99
83) tert-Butylbenzene	13.214	119	179284	18.52	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	207840	18.88	ug/l	100
85) sec-Butylbenzene	13.391	105	275896	18.66	ug/l	99
86) p-Isopropyltoluene	13.502	119	229496	18.98	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	111663	18.94	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	113454	19.43	ug/l	98
89) n-Butylbenzene	13.832	91	224031	18.98	ug/l	96
90) Hexachloroethane	14.096	117	43189	18.84	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	97838	19.52	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.485	75	6832	18.64	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	58609	18.74	ug/l	98
94) Hexachlorobutadiene	15.255	225	34171	19.32	ug/l	97
95) Naphthalene	15.379	128	101298	18.38	ug/l	100

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Quant Title : Sw846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

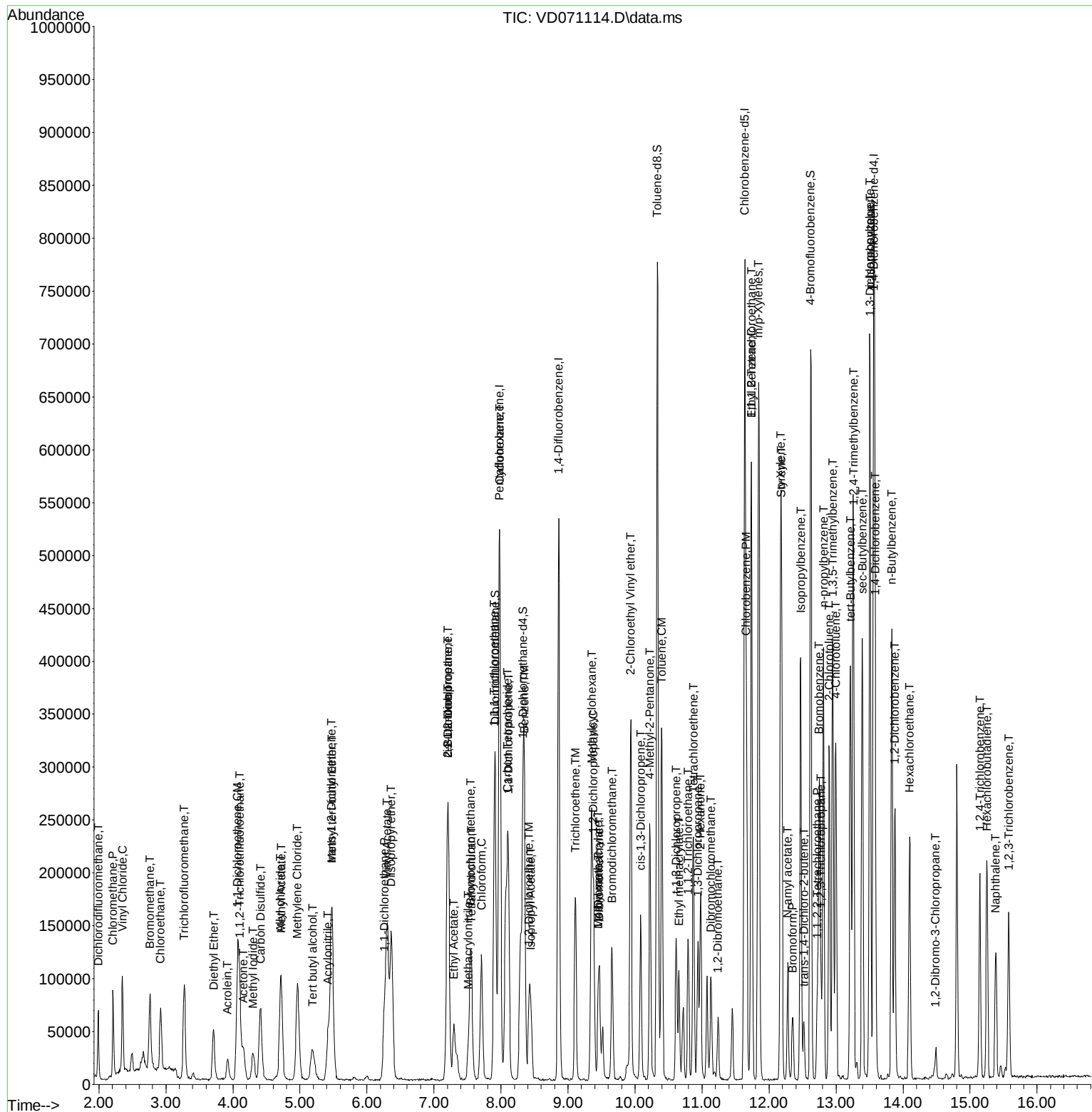
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.579	180	51089	19.24	ug/l	99

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

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 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Instrument :
 MSVOA_D
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Quant Time: Dec 03 00:35:57 2021
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Abundance Scan 1031 (7.985 min): VD071075.D\data.ms (-1019) (-)

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.973 min Scan#

Delta R.T. -0.012 min

Lab File: VD071114.D

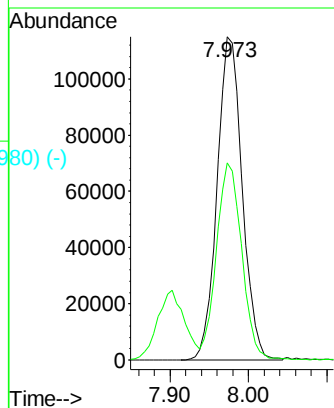
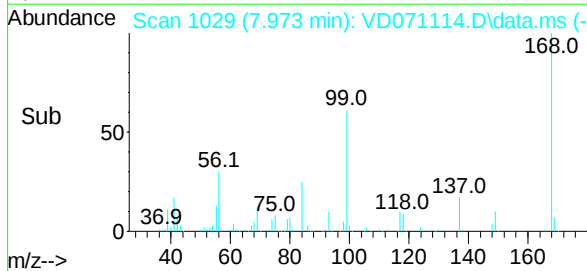
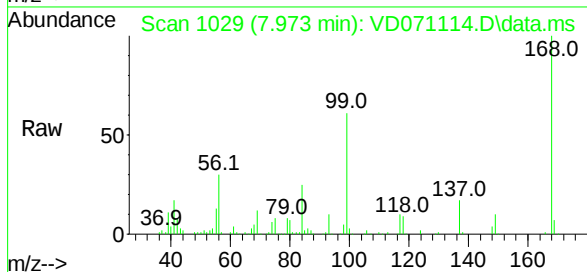
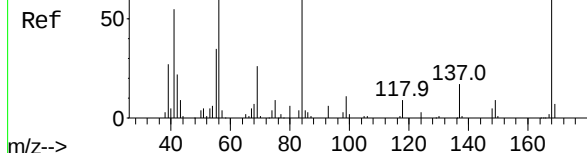
Acq: 02 Dec 2021 13:12

Tgt Ion:168 Resp: 255661

Ion Ratio Lower Upper

168 100

99 60.7 46.6 69.8



Abundance Scan 12 (1.991 min): VD071075.D\data.ms (-5) (-) #2

Dichlorodifluoromethane

Concen: 21.39 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD071114.D

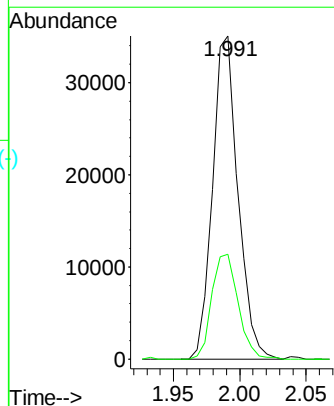
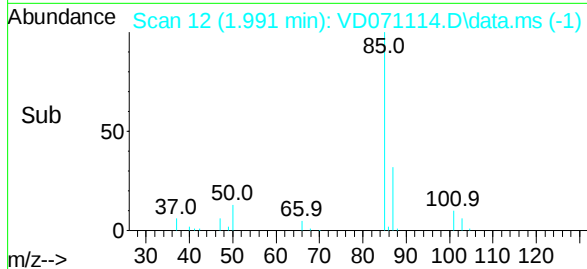
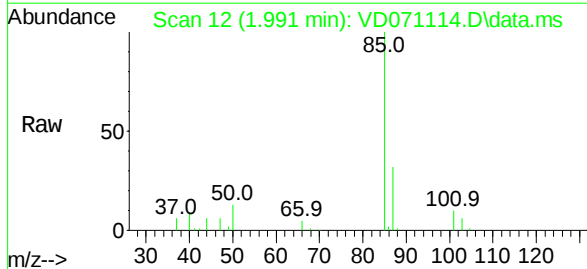
Acq: 02 Dec 2021 13:12

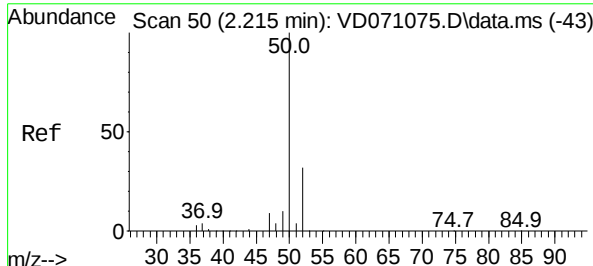
Tgt Ion: 85 Resp: 46642

Ion Ratio Lower Upper

85 100

87 32.4 15.2 45.6

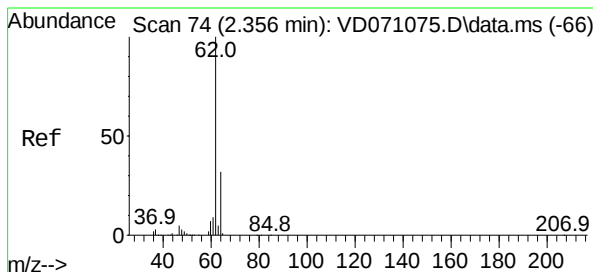
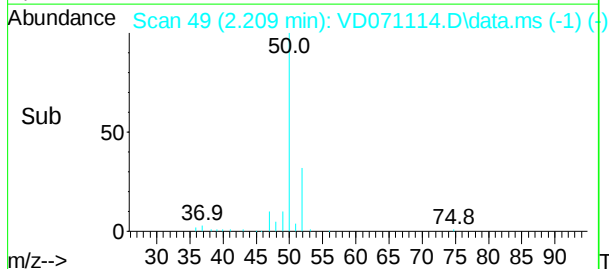
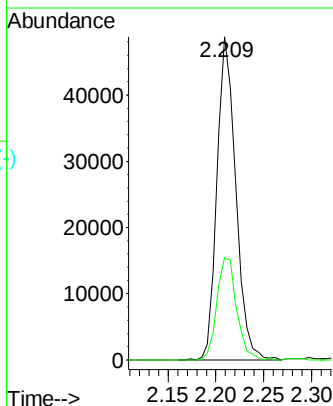
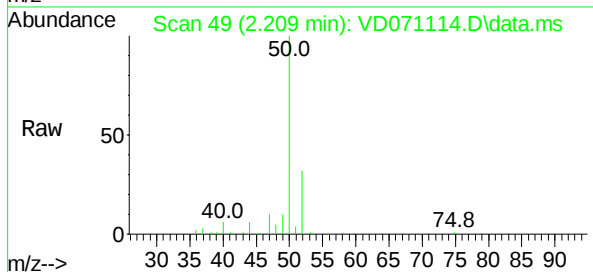




Chloromethane
 Concen: 23.04 ug/l
 RT: 2.209 min Scan# 4
 Delta R.T. -0.006 min
 Lab File: VD071114.D
 Acq: 02 Dec 2021 13:12

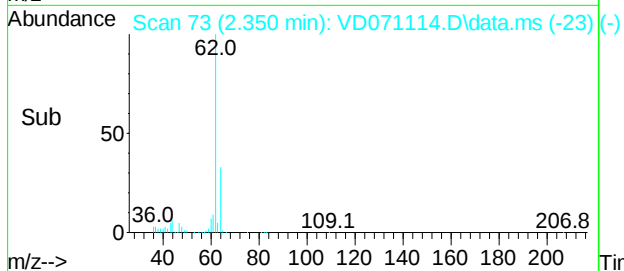
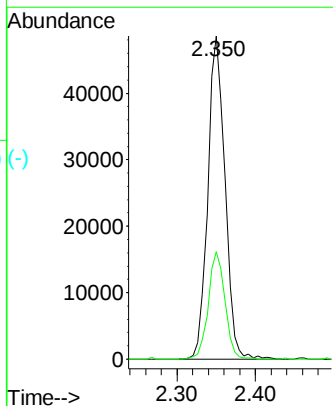
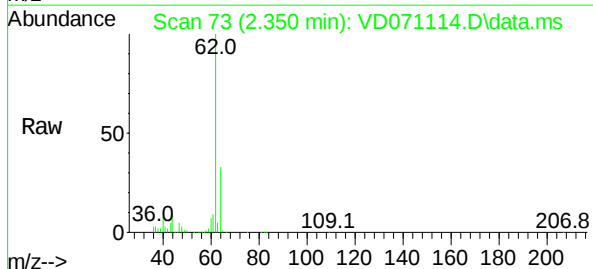
Instrument : MSVOA_D
 ClientSampleId :

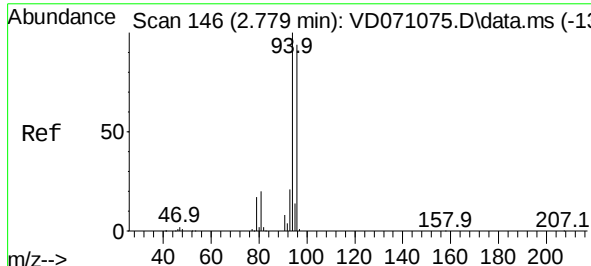
Tgt Ion: 50 Resp: 66469
 Ion Ratio Lower Upper
 50 100
 52 31.6 25.8 38.8



Vinyl Chloride
 Concen: 23.05 ug/l
 RT: 2.350 min Scan# 73
 Delta R.T. -0.006 min
 Lab File: VD071114.D
 Acq: 02 Dec 2021 13:12

Tgt Ion: 62 Resp: 74163
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.0 39.0





Bromomethane

Concen: 22.09 ug/l

RT: 2.762 min Scan# 1

Delta R.T. -0.017 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

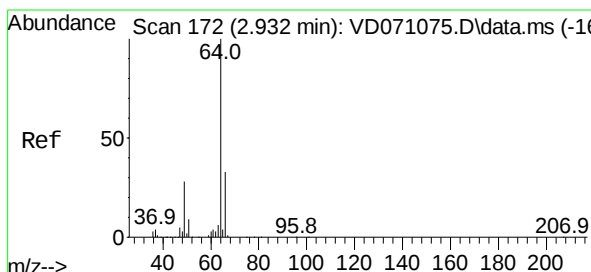
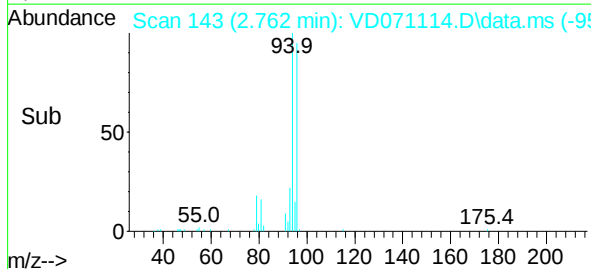
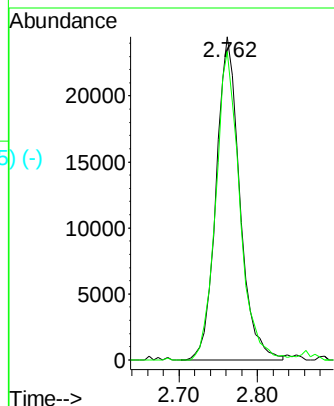
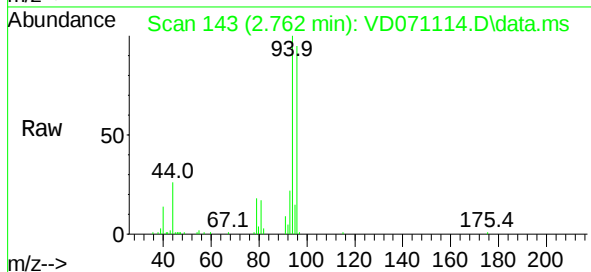
ClientSampleId :

Tgt Ion: 94 Resp: 51245

Ion Ratio Lower Upper

94 100

96 95.4 74.8 112.2



Chloroethane

Concen: 24.02 ug/l

RT: 2.921 min Scan# 170

Delta R.T. -0.011 min

Lab File: VD071114.D

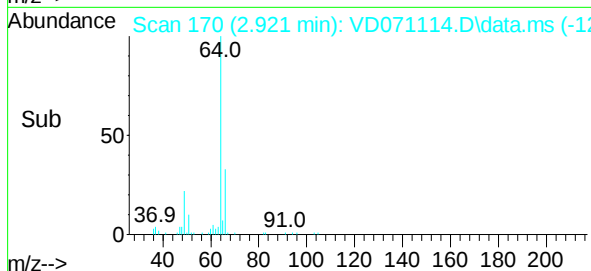
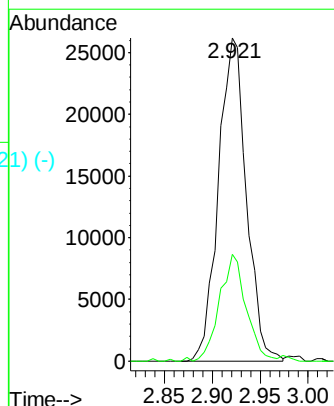
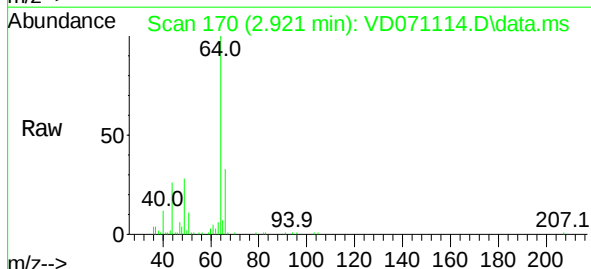
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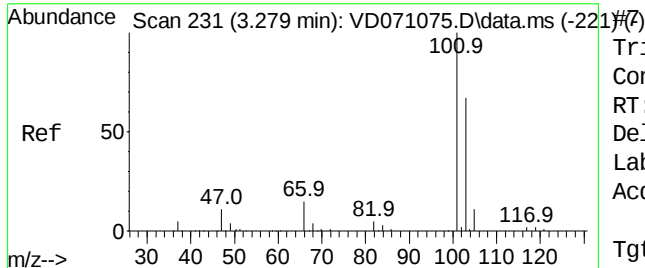
Tgt Ion: 64 Resp: 53164

Ion Ratio Lower Upper

64 100

66 33.1 29.0 43.4

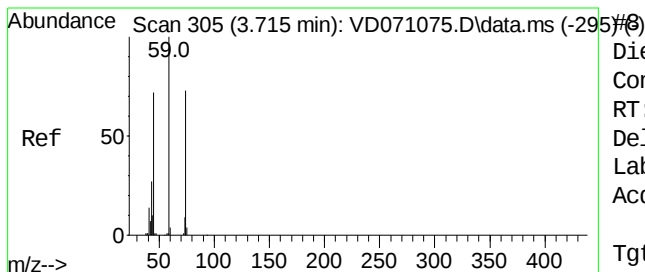
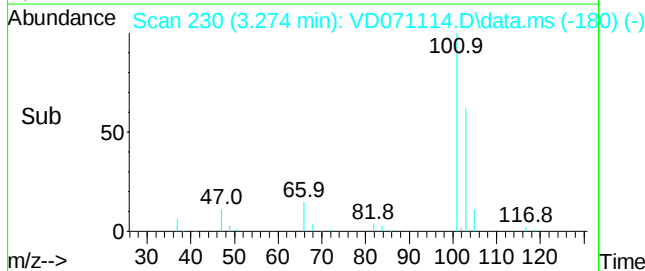
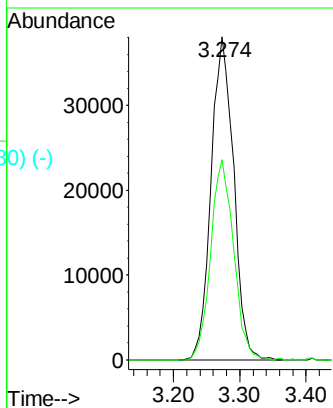
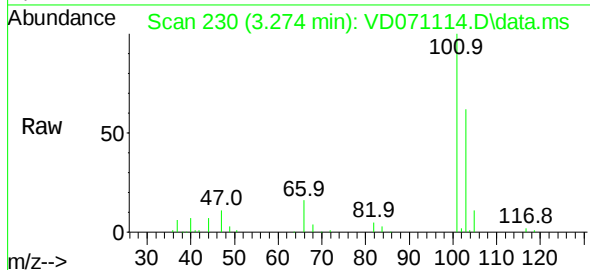




Trichlorofluoromethane
 Concen: 20.54 ug/l
 RT: 3.274 min Scan# 1
 Delta R.T. -0.005 min
 Lab File: VD071114.D
 Acq: 02 Dec 2021 13:12

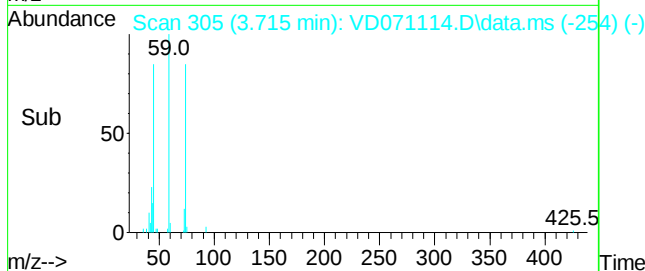
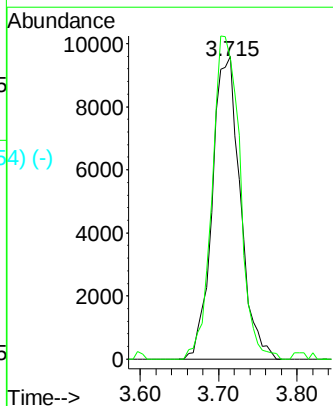
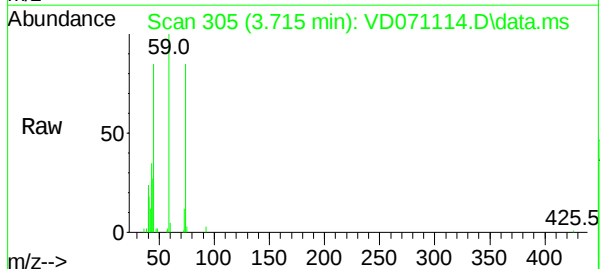
Instrument :
 MSVOA_D
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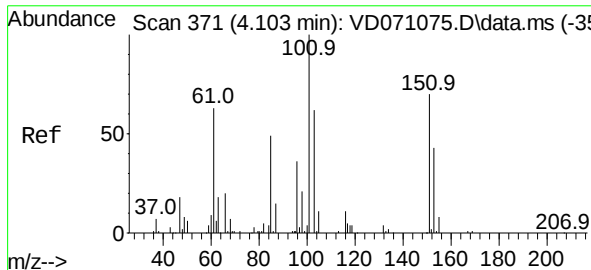
Tgt Ion:101 Resp: 89545
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.7 74.5



Diethyl Ether
 Concen: 20.07 ug/l
 RT: 3.715 min Scan# 305
 Delta R.T. -0.000 min
 Lab File: VD071114.D
 Acq: 02 Dec 2021 13:12

Tgt Ion: 74 Resp: 23723
 Ion Ratio Lower Upper
 74 100
 45 106.3 49.6 149.0





1,1,2-Trichlorotrifluoroethane

Concen: 20.92 ug/l

RT: 4.103 min Scan# 404

Delta R.T. -0.000 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :

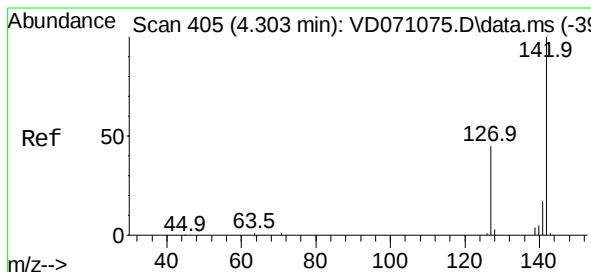
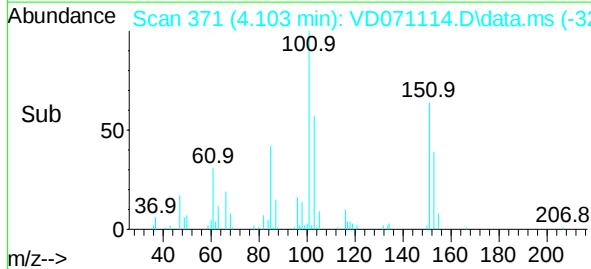
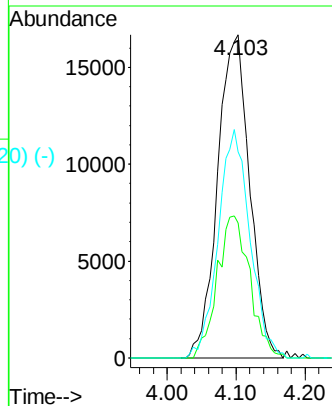
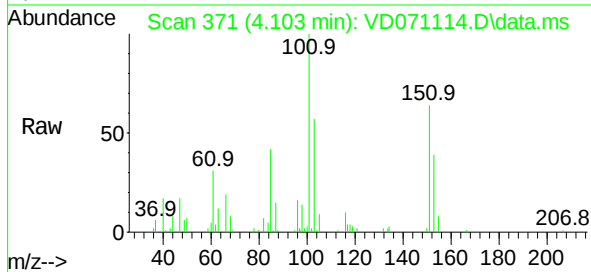
Tgt Ion:101 Resp: 53803

Ion Ratio Lower Upper

101 100

85 44.8 34.8 52.2

151 69.9 60.4 90.6



Methyl Iodide

Concen: 17.45 ug/l

RT: 4.297 min Scan# 404

Delta R.T. -0.006 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

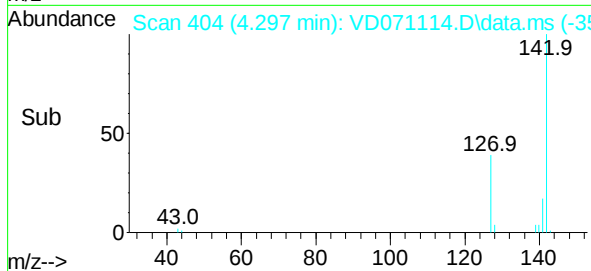
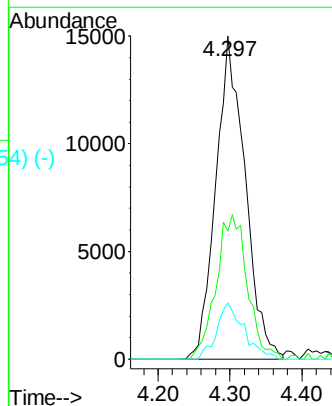
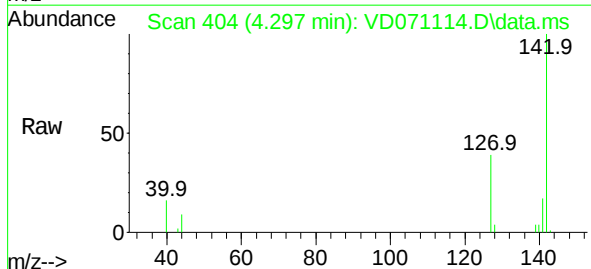
Tgt Ion:142 Resp: 42390

Ion Ratio Lower Upper

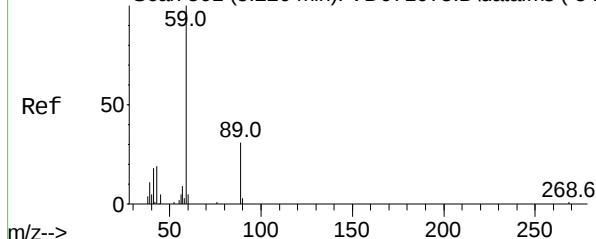
142 100

127 47.5 35.0 52.4

141 16.2 12.0 18.0



Abundance Scan 561 (5.220 min): VD071075.D\data.ms (-542) #11

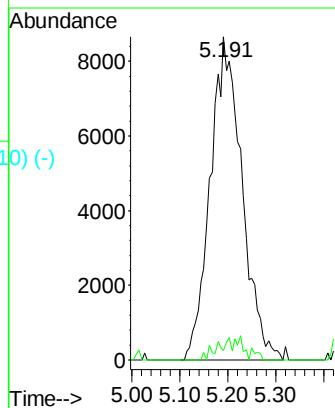
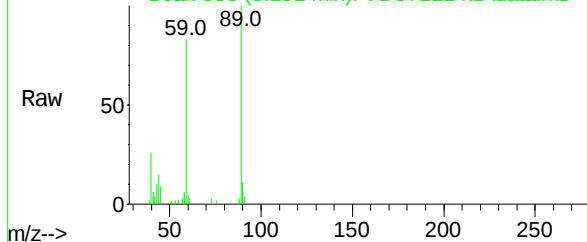


Tert butyl alcohol
Concen: 190.04 ug/l
RT: 5.191 min Scan# 41
Delta R.T. -0.029 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

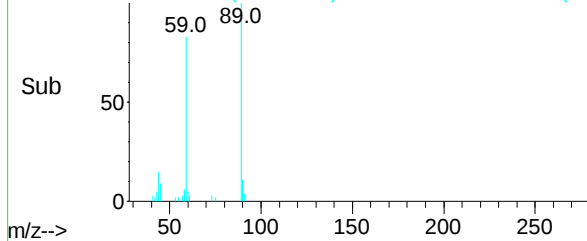
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 39591
Ion Ratio Lower Upper
59 100
57 1.8 9.0 13.4#

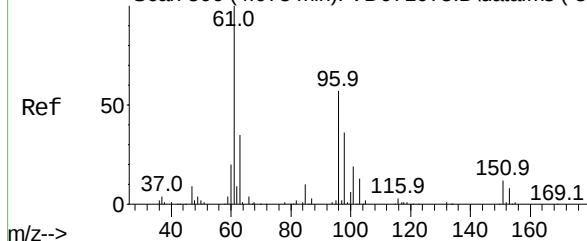
Abundance Scan 556 (5.191 min): VD071114.D\data.ms



Abundance Scan 556 (5.191 min): VD071114.D\data.ms (-510) (-)



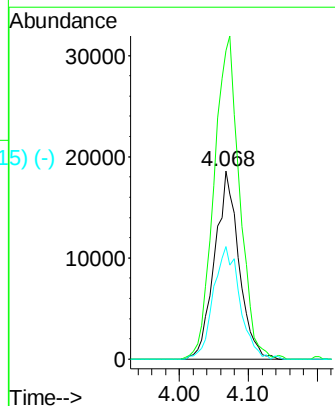
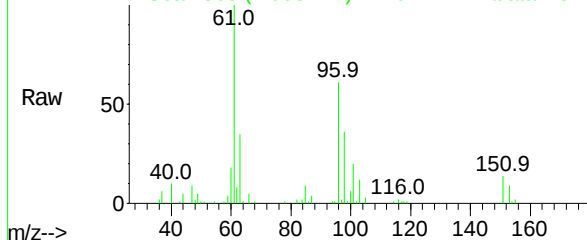
Abundance Scan 366 (4.073 min): VD071075.D\data.ms (-354) #12



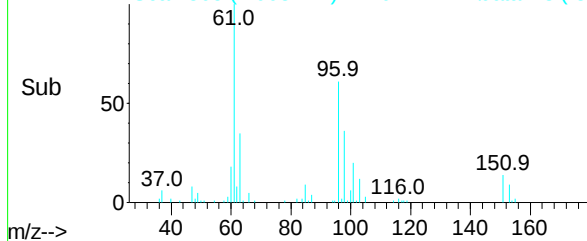
1,1-Dichloroethene
Concen: 19.13 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

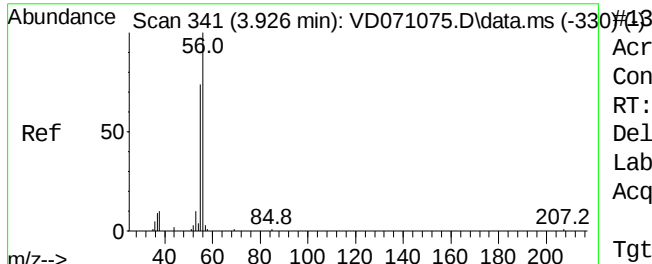
Tgt Ion: 96 Resp: 45404
Ion Ratio Lower Upper
96 100
61 164.1 120.3 180.5
98 59.8 54.4 81.6

Abundance Scan 365 (4.068 min): VD071114.D\data.ms



Abundance Scan 365 (4.068 min): VD071114.D\data.ms (-315) (-)





Acrolein

Concen: 105.68 ug/l

RT: 3.921 min Scan# 413

Delta R.T. -0.005 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

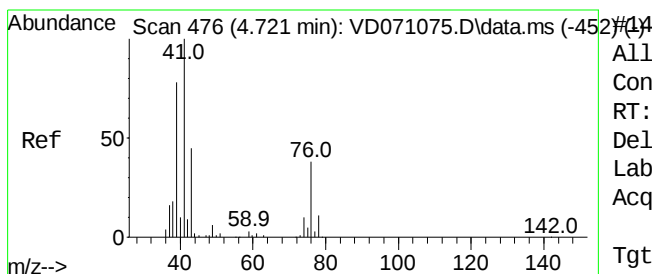
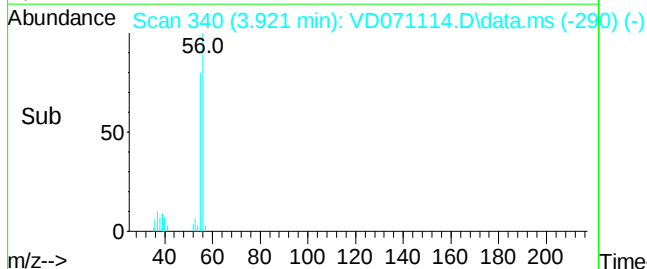
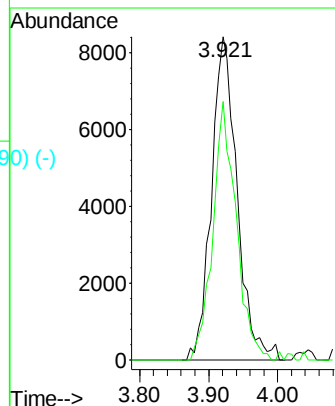
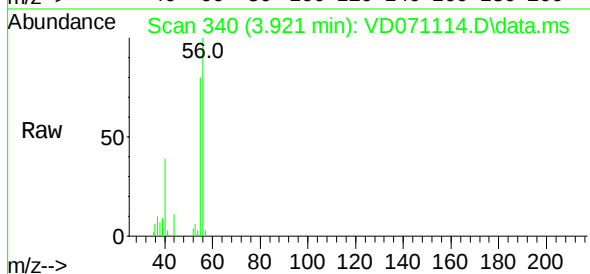
ClientSampleId :

Tgt Ion: 56 Resp: 21664

Ion Ratio Lower Upper

56 100

55 73.0 58.6 87.8



Allyl chloride

Concen: 19.32 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.012 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

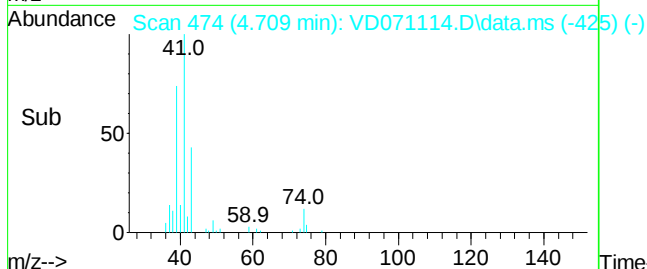
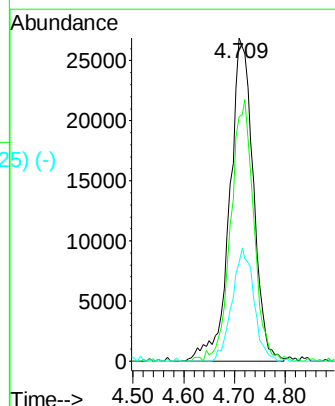
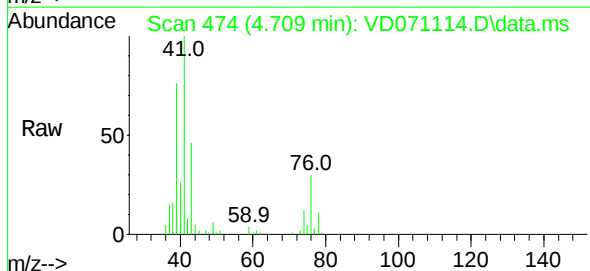
Tgt Ion: 41 Resp: 87119

Ion Ratio Lower Upper

41 100

39 78.9 45.6 68.4#

76 32.2 30.2 45.4



Abundance Scan 595 (5.420 min): VD071075.D\data.ms (-582) #15

Acrylonitrile

Concen: 97.41 ug/l

RT: 5.415 min Scan# 595

Delta R.T. -0.005 min

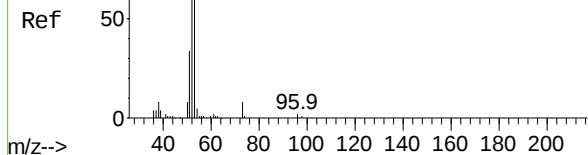
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :



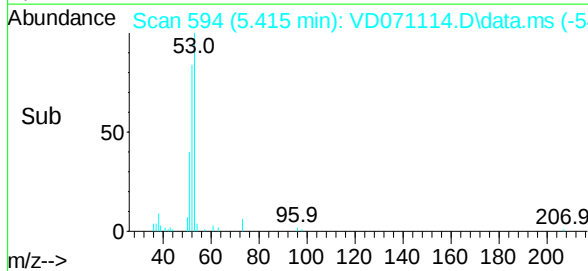
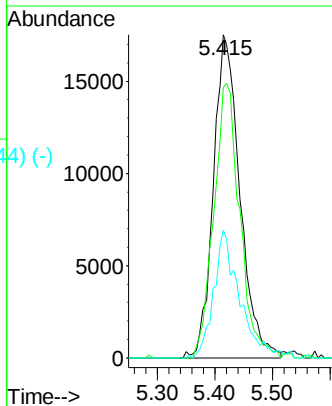
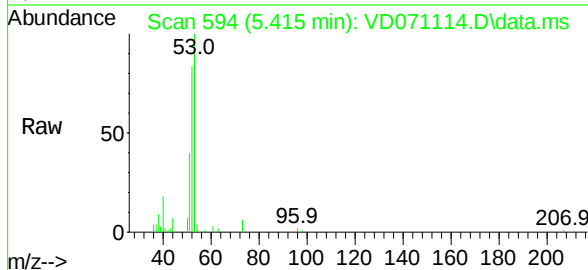
Tgt Ion: 53 Resp: 55985

Ion Ratio Lower Upper

53 100

52 83.2 63.8 95.8

51 38.9 28.5 42.7



Abundance Scan 380 (4.156 min): VD071075.D\data.ms (-366) #16

Acetone

Concen: 90.30 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD071114.D

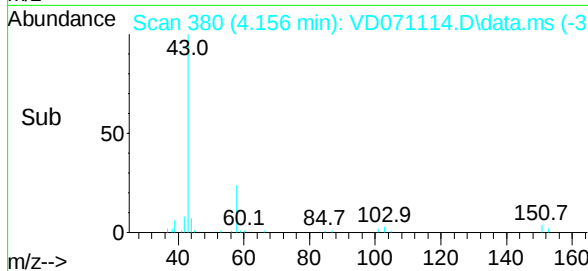
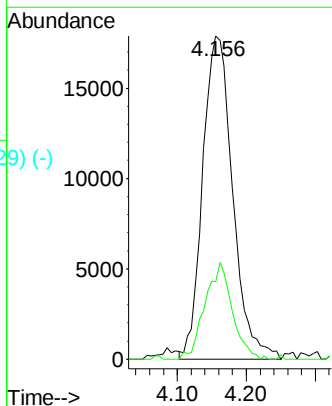
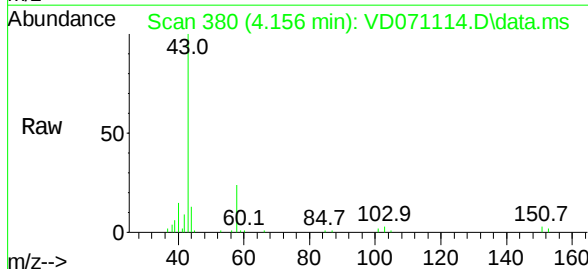
Acq: 02 Dec 2021 13:12

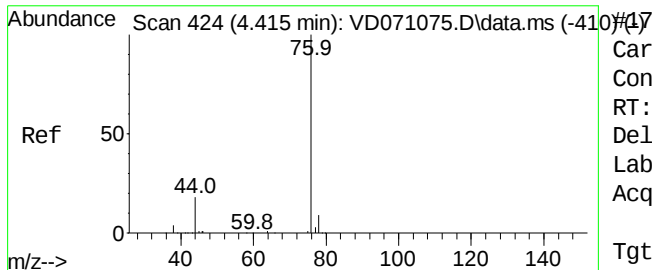
Tgt Ion: 43 Resp: 54063

Ion Ratio Lower Upper

43 100

58 22.6 27.8 41.8#





Carbon Disulfide

Concen: 20.37 ug/l

RT: 4.415 min Scan# 417

Delta R.T. -0.000 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

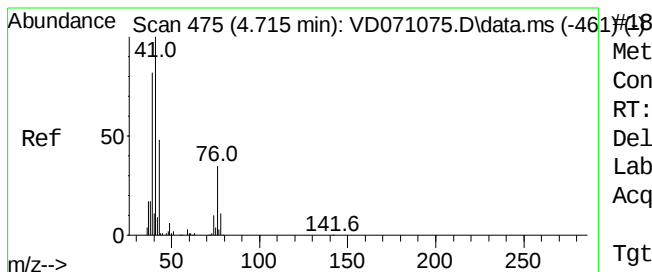
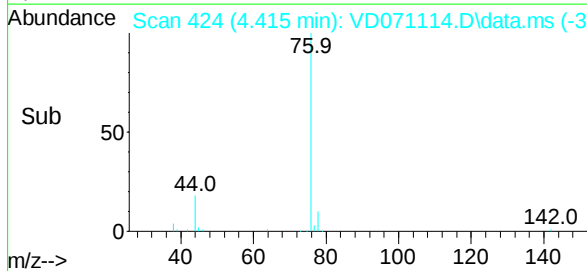
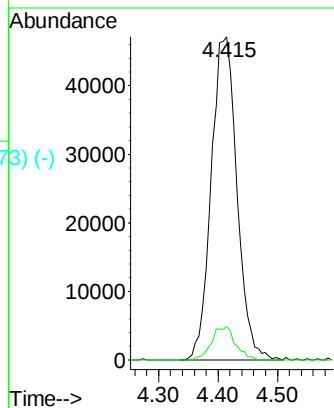
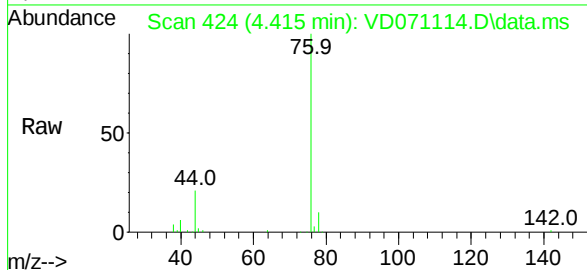
ClientSampleId :

Tgt Ion: 76 Resp: 141578

Ion Ratio Lower Upper

76 100

78 10.3 7.8 11.8



Methyl Acetate

Concen: 19.06 ug/l

RT: 4.721 min Scan# 476

Delta R.T. 0.006 min

Lab File: VD071114.D

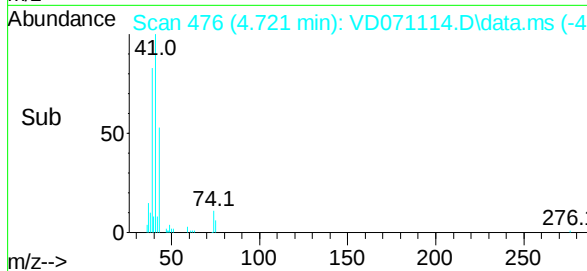
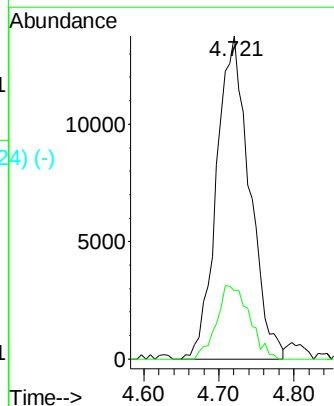
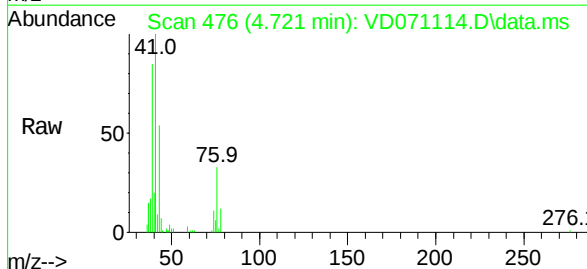
Acq: 02 Dec 2021 13:12

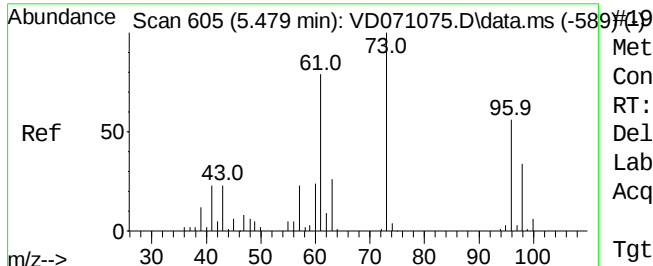
Tgt Ion: 43 Resp: 42186

Ion Ratio Lower Upper

43 100

74 22.5 19.3 28.9

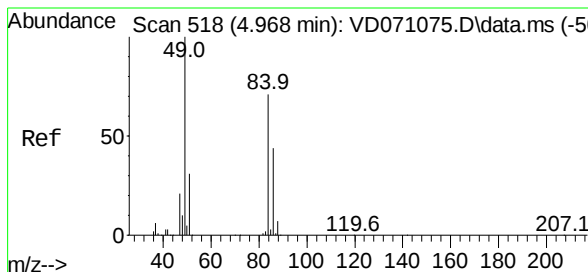
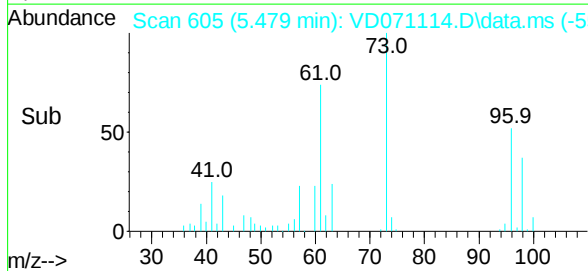
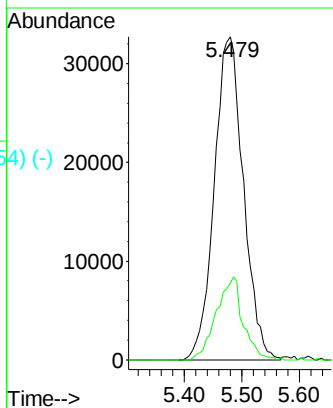
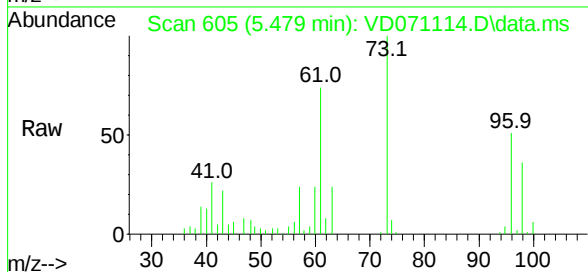




Methyl tert-butyl Ether
 Concen: 19.75 ug/l
 RT: 5.479 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VD071114.D
 Acq: 02 Dec 2021 13:12

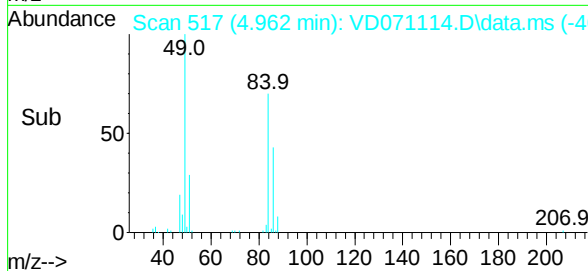
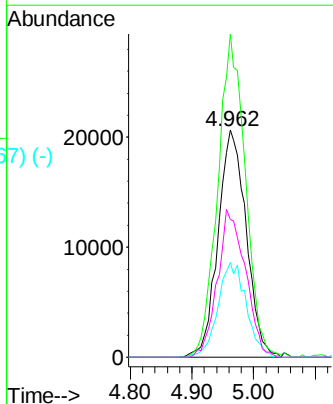
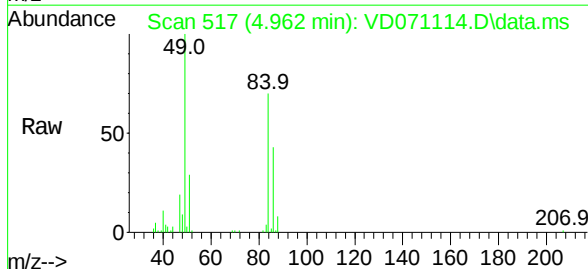
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 73 Resp: 114886
 Ion Ratio Lower Upper
 73 100
 57 23.8 18.9 28.3



Methylene Chloride
 Concen: 19.04 ug/l
 RT: 4.962 min Scan# 517
 Delta R.T. -0.006 min
 Lab File: VD071114.D
 Acq: 02 Dec 2021 13:12

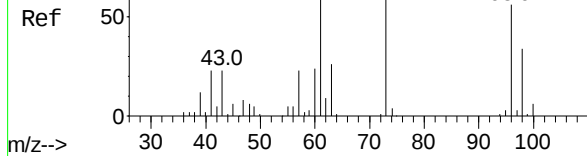
Tgt Ion: 84 Resp: 65458
 Ion Ratio Lower Upper
 84 100
 49 142.3 95.8 143.6
 51 41.6 30.9 46.3
 86 60.6 50.3 75.5



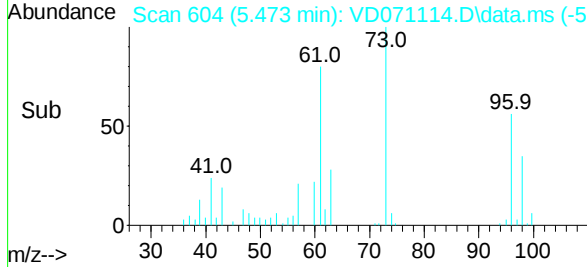
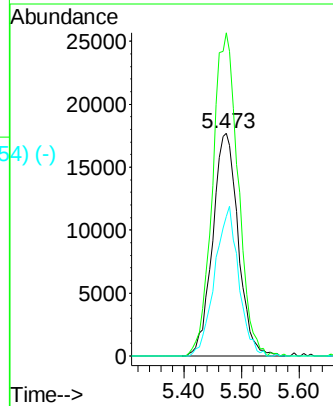
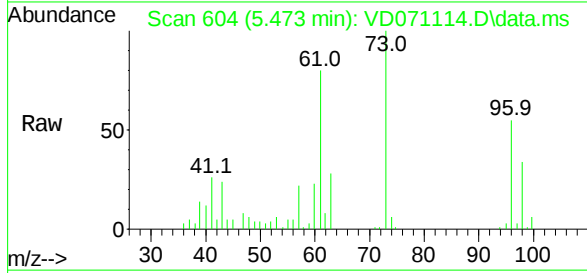
Abundance Scan 605 (5.479 min): VD071075.D\data.ms (-590) #21

trans-1,2-Dichloroethene
Concen: 20.36 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Instrument :
MSVOA_D
ClientSampleId :



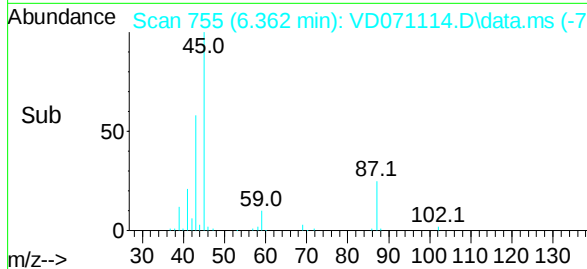
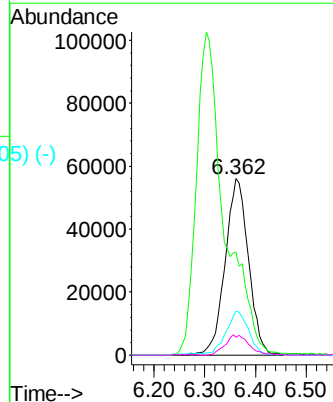
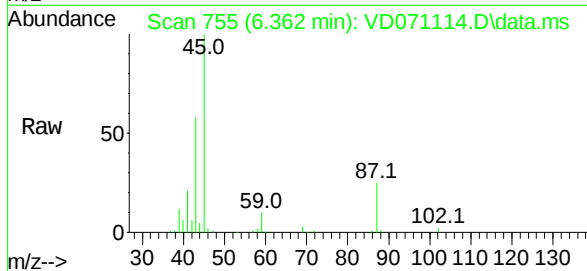
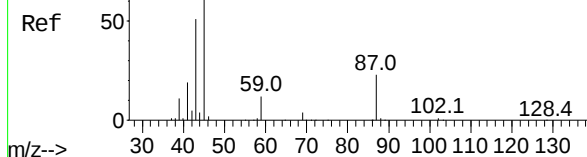
Tgt Ion: 96 Resp: 54383
Ion Ratio Lower Upper
96 100
61 145.1 102.1 153.1
98 62.5 50.1 75.1

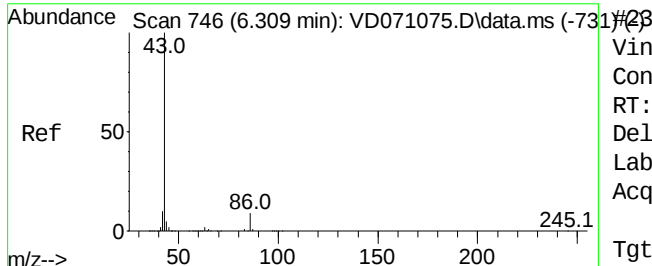


Abundance Scan 756 (6.367 min): VD071075.D\data.ms (-737) #22

Diisopropyl ether
Concen: 19.83 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion: 45 Resp: 179084
Ion Ratio Lower Upper
45 100
43 57.2 39.6 59.4
87 24.9 21.2 31.8
59 9.8 9.0 13.6





Vinyl Acetate

Concen: 99.56 ug/l

RT: 6.303 min Scan#

Delta R.T. -0.006 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

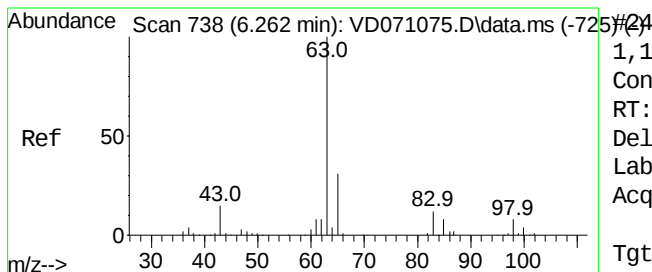
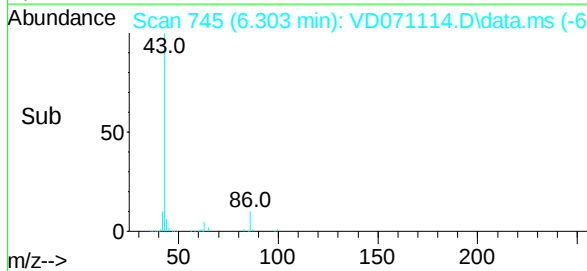
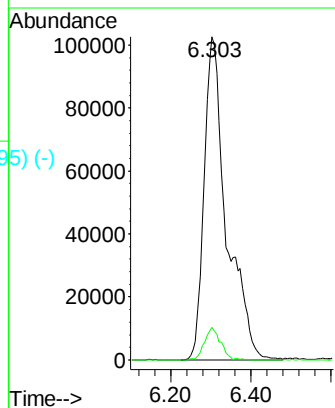
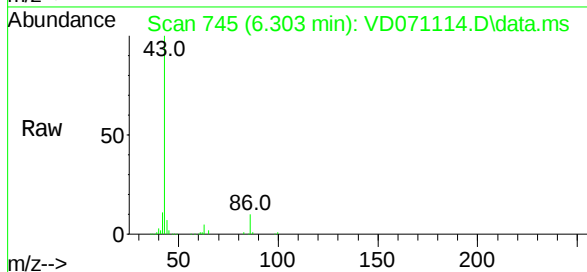
ClientSampleId :

Tgt Ion: 43 Resp: 396501

Ion Ratio Lower Upper

43 100

86 10.0 8.2 12.4



1,1-Dichloroethane

Concen: 20.79 ug/l

RT: 6.262 min Scan# 738

Delta R.T. -0.000 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

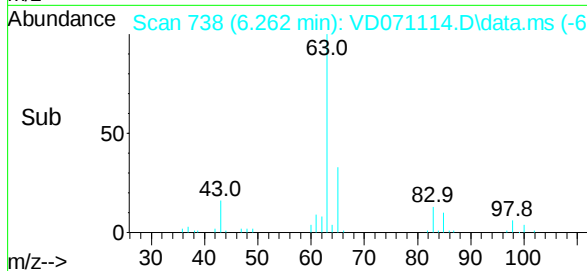
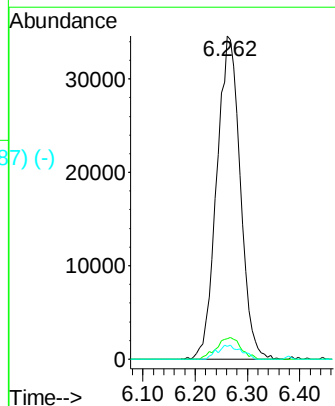
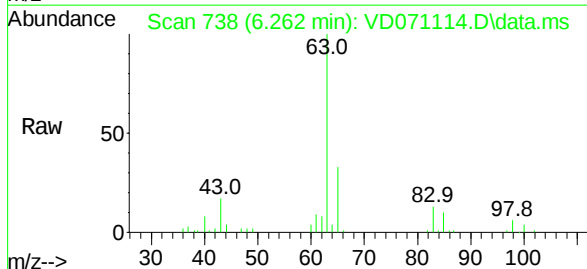
Tgt Ion: 63 Resp: 108029

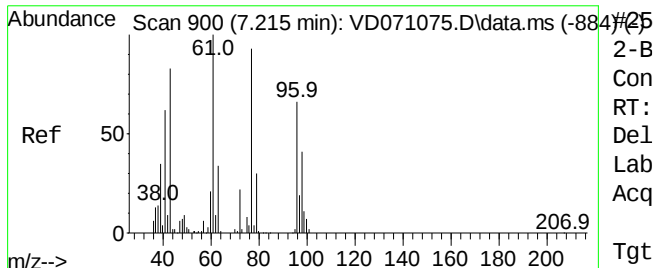
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.6

100 4.0 2.1 6.3





2-Butanone

Concen: 98.10 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

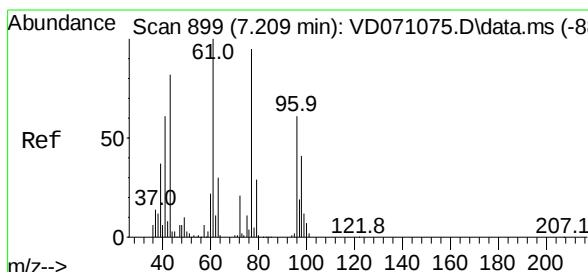
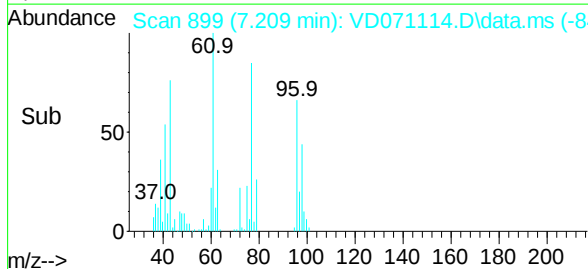
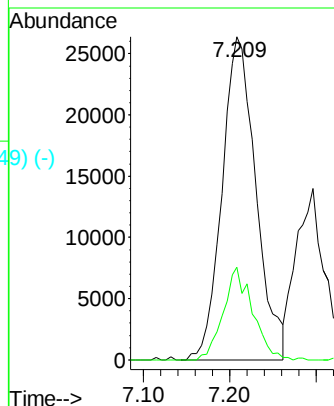
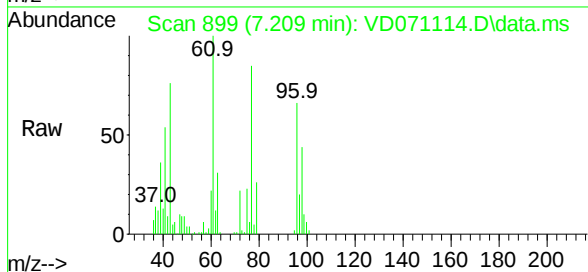
ClientSampleId :

Tgt Ion: 43 Resp: 72370

Ion Ratio Lower Upper

43 100

72 28.6 23.8 35.6



2,2-Dichloropropane

Concen: 18.23 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD071114.D

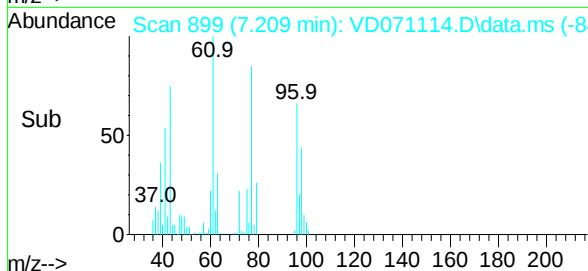
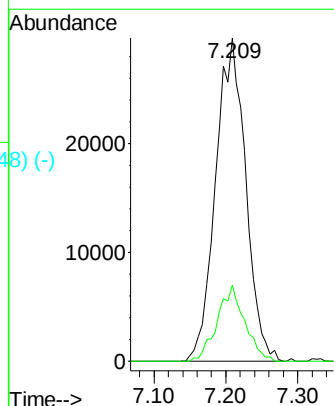
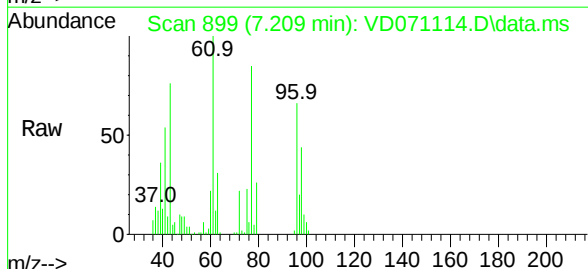
Acq: 02 Dec 2021 13:12

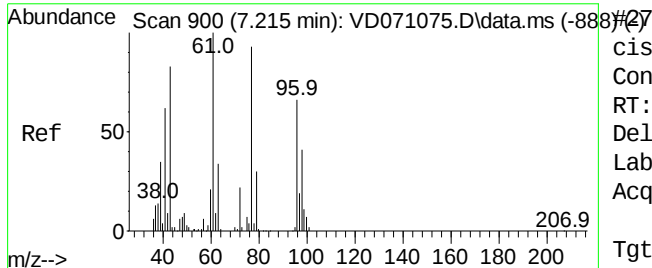
Tgt Ion: 77 Resp: 86109

Ion Ratio Lower Upper

77 100

97 21.3 11.9 35.5

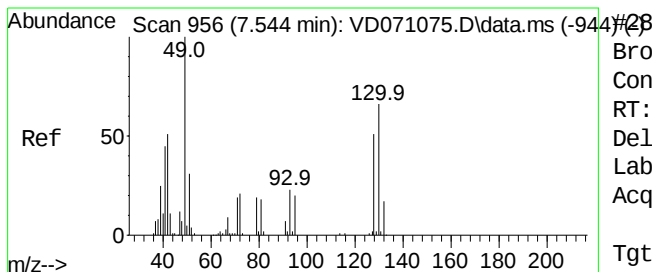
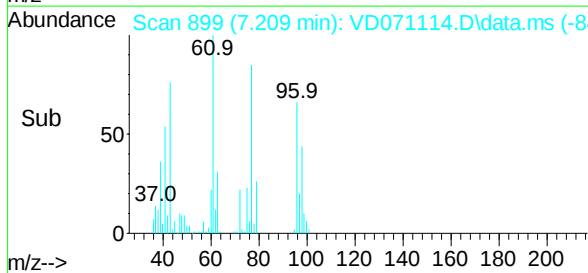
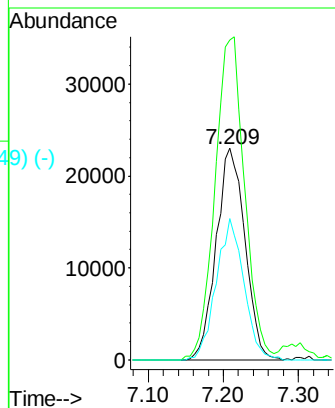
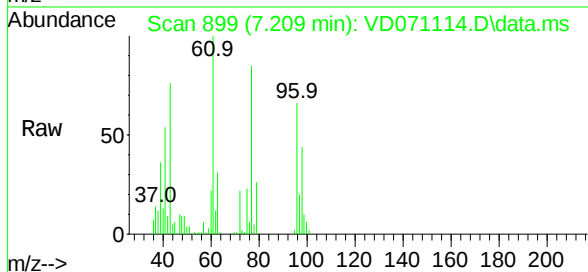




cis-1,2-Dichloroethene
Concen: 20.24 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

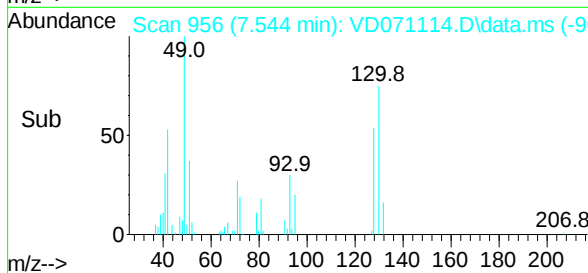
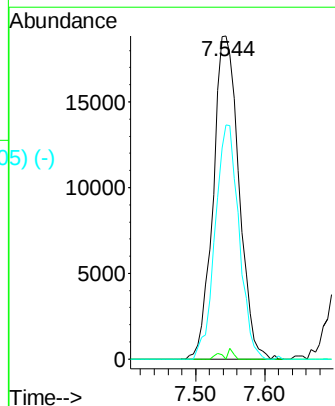
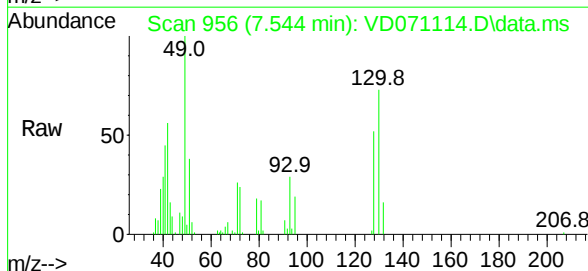
Instrument :
MSVOA_D
ClientSampleId :

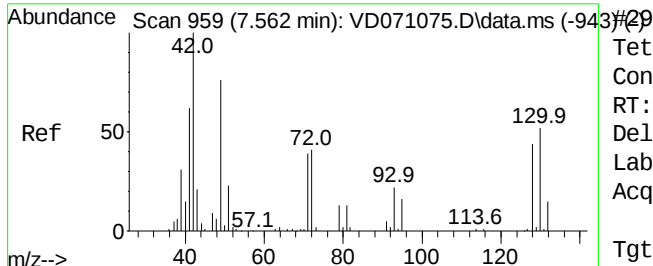
Tgt Ion: 96 Resp: 61168
Ion Ratio Lower Upper
96 100
61 157.0 0.0 288.6
98 64.2 0.0 129.2



Bromochloromethane
Concen: 21.67 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion: 49 Resp: 48904
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.0
130 67.2 60.2 90.2





Tetrahydrofuran

Concen: 99.82 ug/l

RT: 7.562 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :

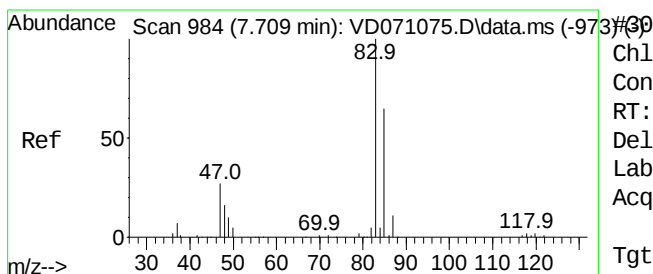
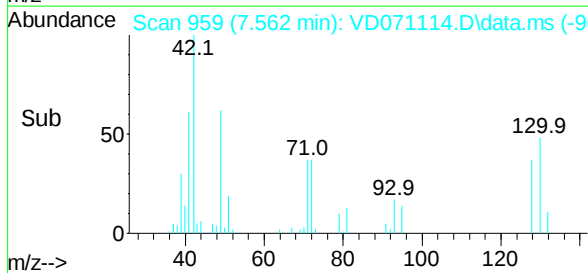
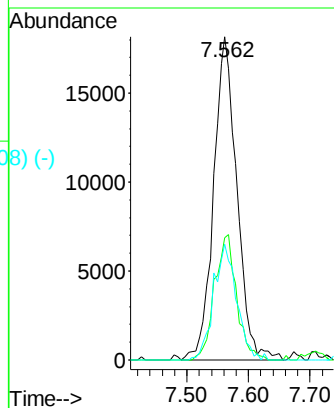
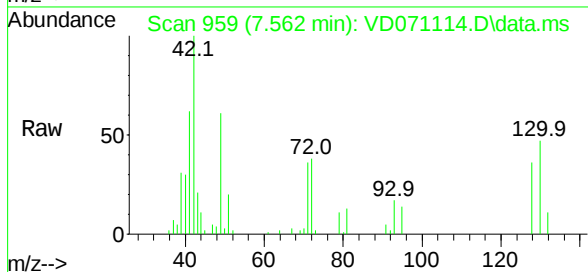
Tgt Ion: 42 Resp: 47548

Ion Ratio Lower Upper

42 100

72 36.8 33.7 50.5

71 35.7 32.7 49.1



Chloroform

Concen: 20.61 ug/l

RT: 7.709 min Scan# 984

Delta R.T. -0.000 min

Lab File: VD071114.D

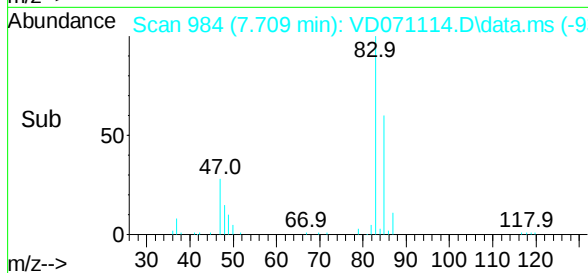
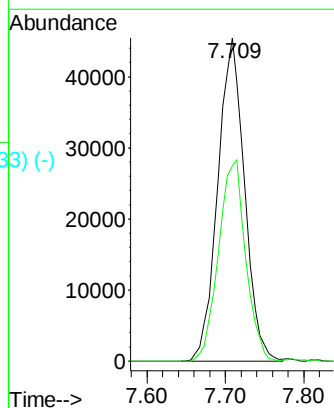
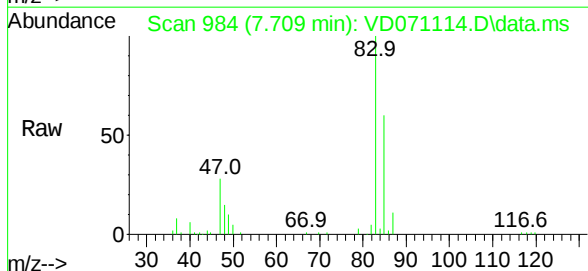
Acq: 02 Dec 2021 13:12

Tgt Ion: 83 Resp: 107475

Ion Ratio Lower Upper

83 100

85 60.5 51.0 76.6



Abundance Scan 1031 (7.985 min): VD071075.D\data.ms (-1091-)

Cyclohexane

Concen: 19.30 ug/l

RT: 7.979 min Scan#

Delta R.T. -0.006 min

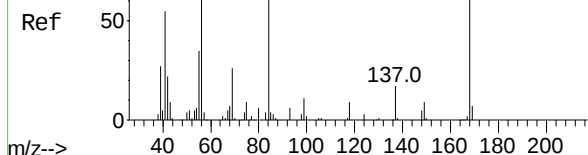
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :



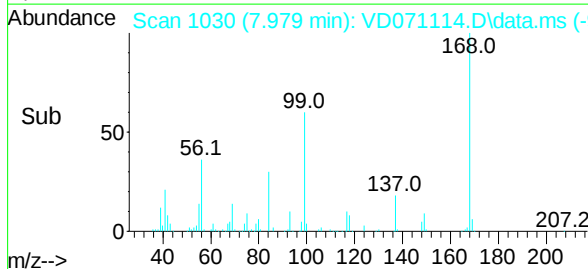
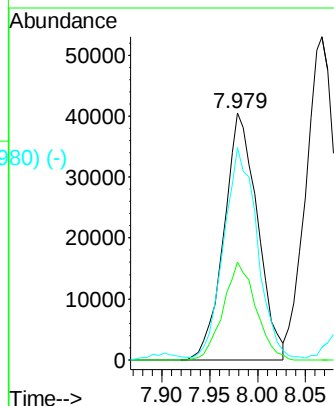
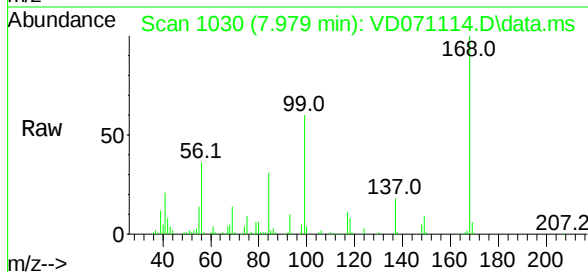
Tgt Ion: 56 Resp: 98470

Ion Ratio Lower Upper

56 100

69 39.5 25.9 38.9#

84 84.9 64.3 96.5



Abundance Scan 1017 (7.903 min): VD071075.D\data.ms (-1092-)

1,1,1-Trichloroethane

Concen: 19.47 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

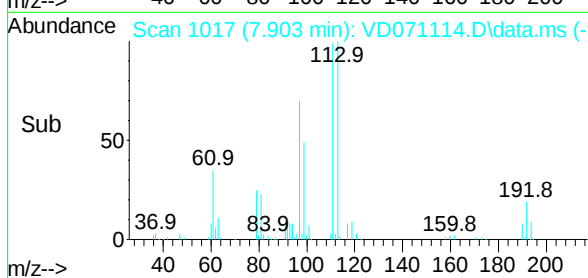
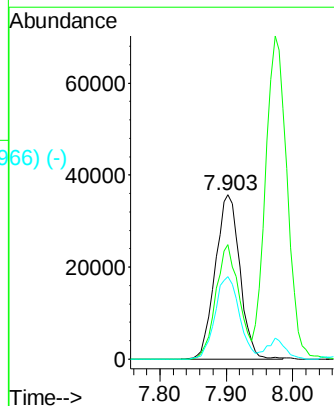
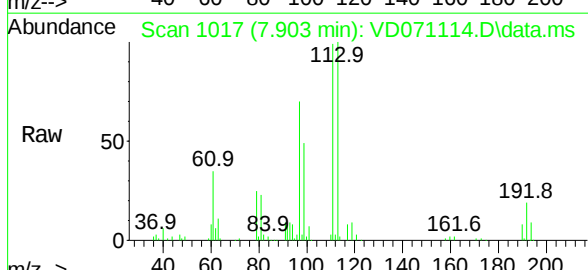
Tgt Ion: 97 Resp: 91133

Ion Ratio Lower Upper

97 100

99 65.9 50.3 75.5

61 49.7 33.0 49.4#



Abundance Scan 1089 (8.326 min): VD071075.D\data.ms (-1078) (-)

1,2-Dichloroethane-d4

Concen: 50.28 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

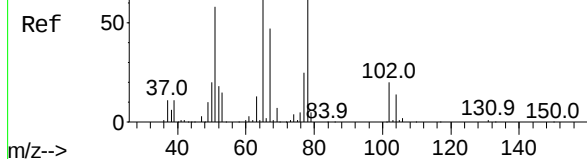
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :

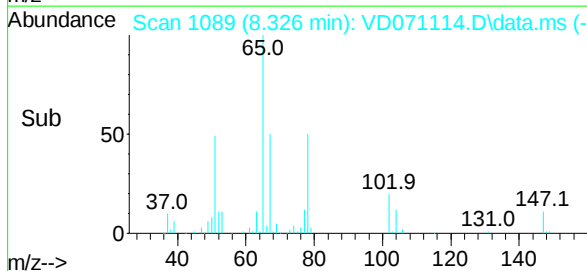
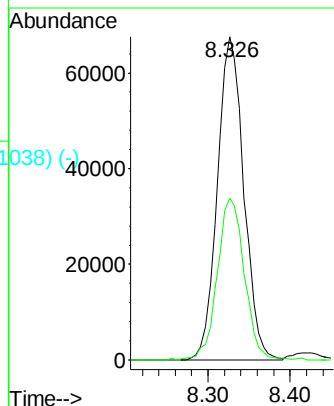
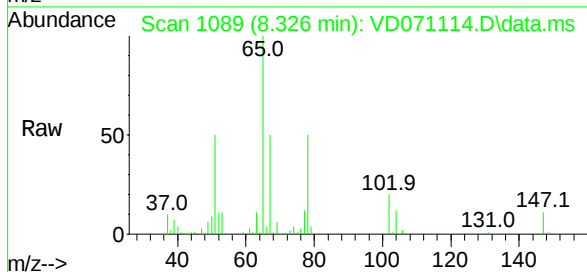


Tgt Ion: 65 Resp: 150823

Ion Ratio Lower Upper

65 100

67 51.4 0.0 112.2



Abundance Scan 1180 (8.861 min): VD071075.D\data.ms (-1170) (-)

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

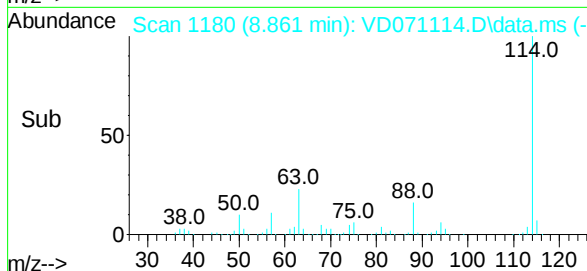
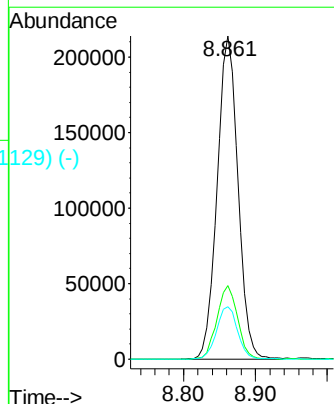
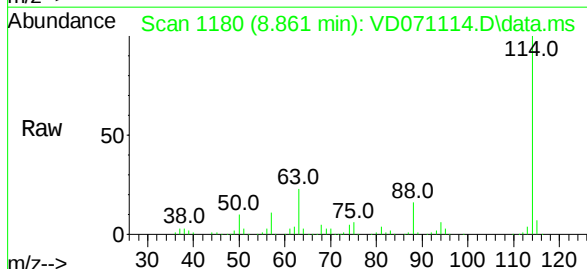
Tgt Ion: 114 Resp: 430032

Ion Ratio Lower Upper

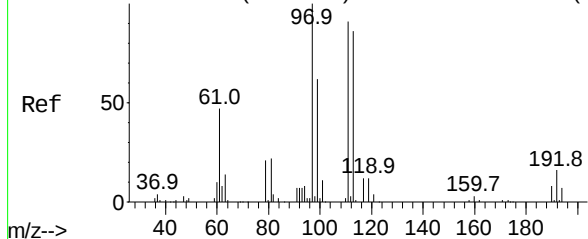
114 100

63 22.7 0.0 41.8

88 16.2 0.0 32.8



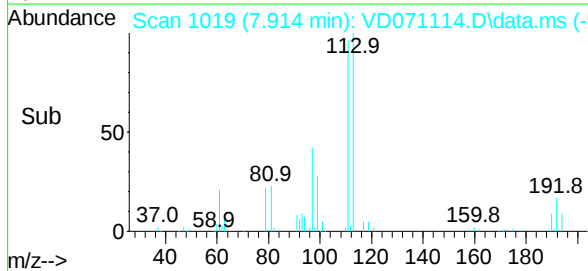
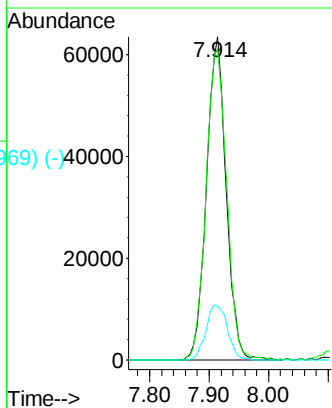
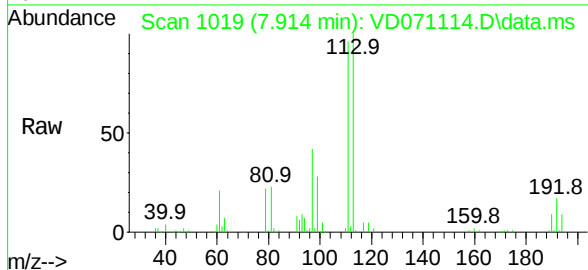
Abundance Scan 1020 (7.920 min): VD071075.D\data.ms (-1005) (-)



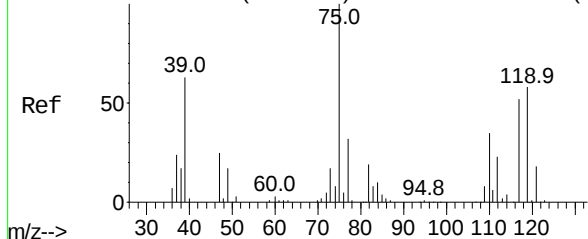
Dibromofluoromethane
Concen: 53.34 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 146059
Ion Ratio Lower Upper
113 100
111 101.1 82.0 123.0
192 18.6 15.2 22.8

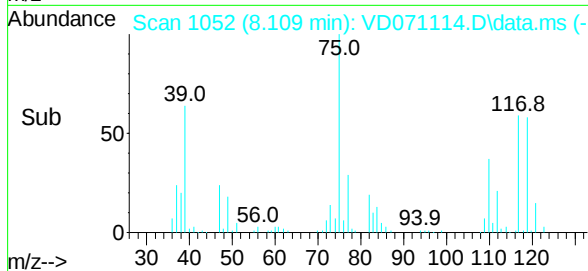
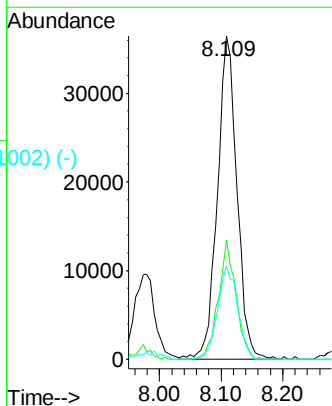
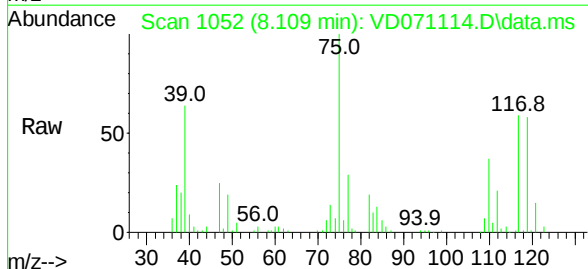


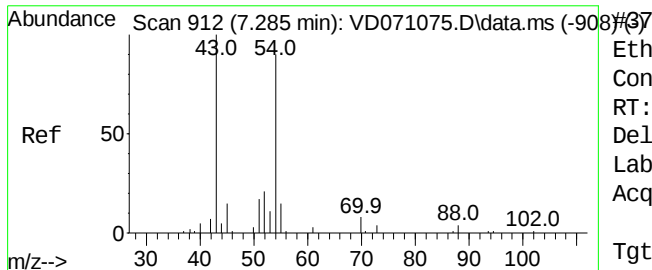
Abundance Scan 1053 (8.114 min): VD071075.D\data.ms (-1039) (-)



1,1-Dichloropropene
Concen: 19.96 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. -0.005 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion: 75 Resp: 80218
Ion Ratio Lower Upper
75 100
110 33.1 17.8 53.4
77 29.6 24.8 37.2





Ethyl Acetate

Concen: 18.21 ug/l

RT: 7.297 min Scan# 1037

Delta R.T. 0.012 min MSVOA_D

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :

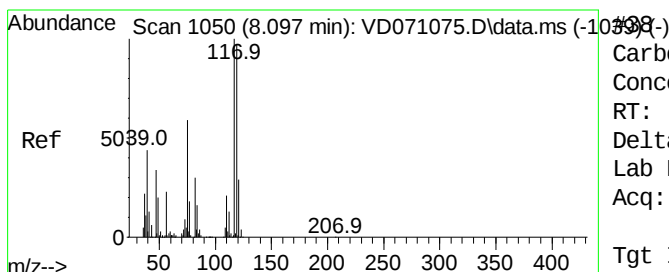
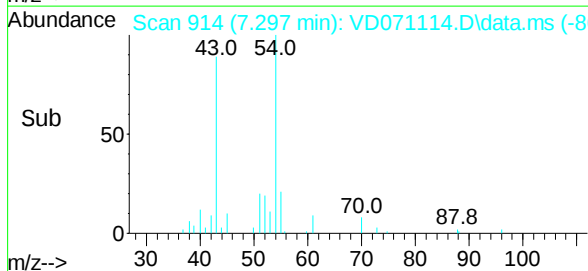
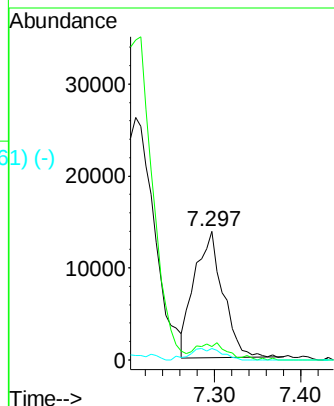
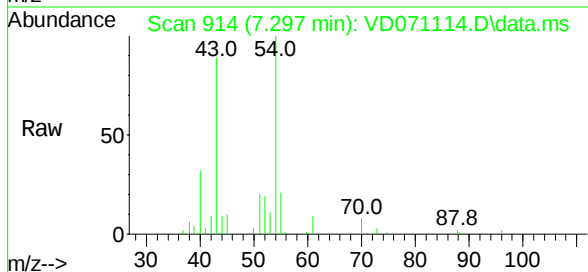
Tgt Ion: 43 Resp: 31607

Ion Ratio Lower Upper

43 100

61 14.5 13.0 19.6

70 10.2 8.7 13.1



Carbon Tetrachloride

Concen: 20.30 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

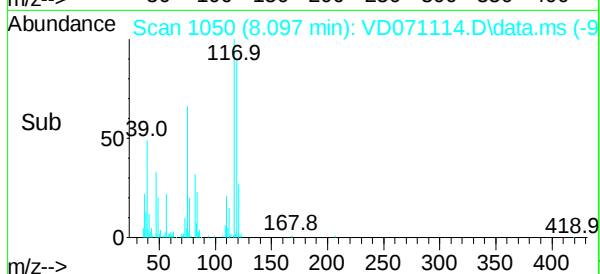
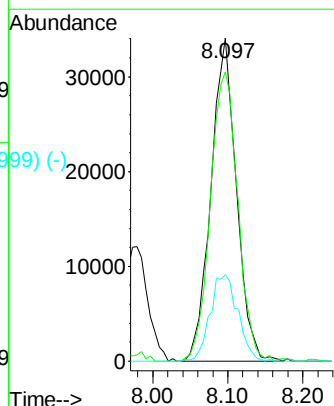
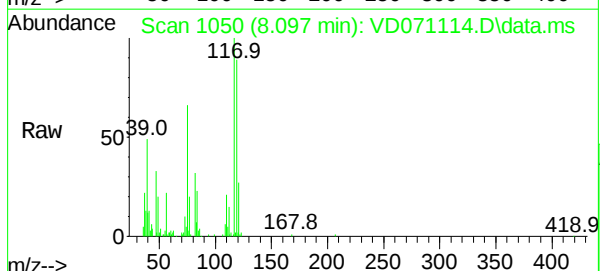
Tgt Ion:117 Resp: 80410

Ion Ratio Lower Upper

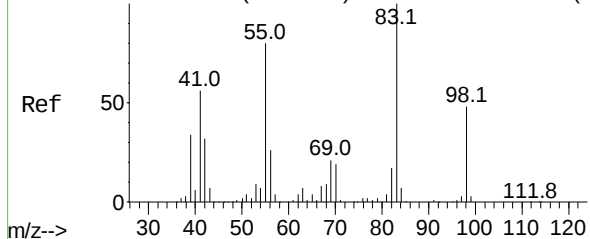
117 100

119 89.5 75.8 113.6

121 26.6 23.6 35.4



Abundance Scan 1264 (9.356 min): VD071075.D\data.ms (-12549-)



Methylcyclohexane

Concen: 19.46 ug/l

RT: 9.356 min Scan#

Delta R.T. -0.000 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :

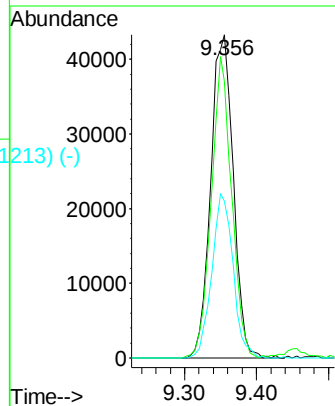
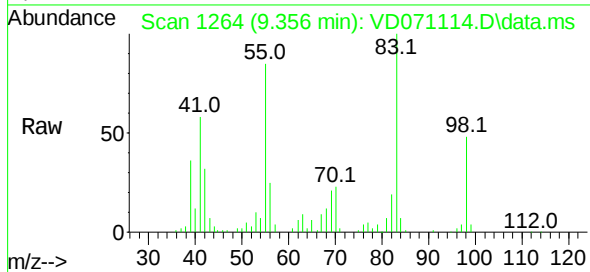
Tgt Ion: 83 Resp: 94090

Ion Ratio Lower Upper

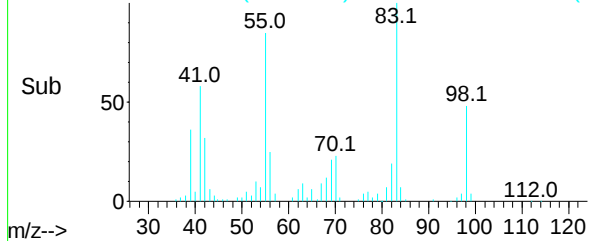
83 100

55 85.5 65.8 98.8

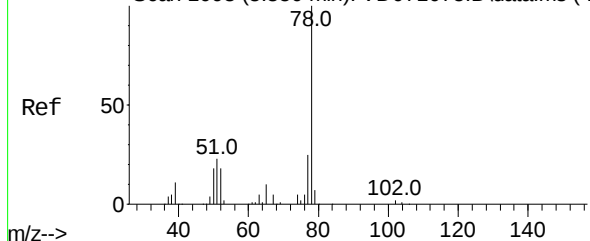
98 48.5 38.7 58.1



Abundance Scan 1264 (9.356 min): VD071114.D\data.ms (-1213-)



Abundance Scan 1093 (8.350 min): VD071075.D\data.ms (-10624-)



Benzene

Concen: 20.03 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071114.D

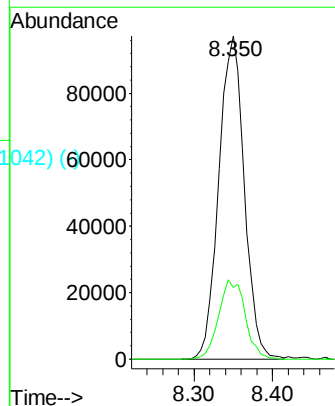
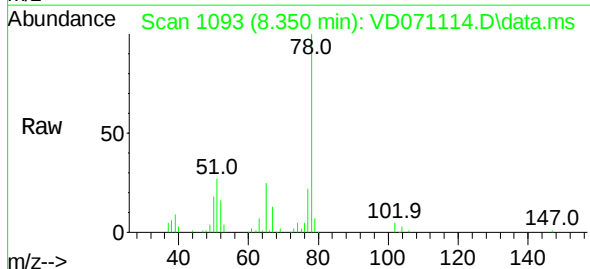
Acq: 02 Dec 2021 13:12

Tgt Ion: 78 Resp: 218674

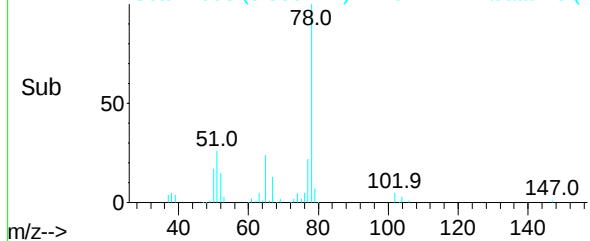
Ion Ratio Lower Upper

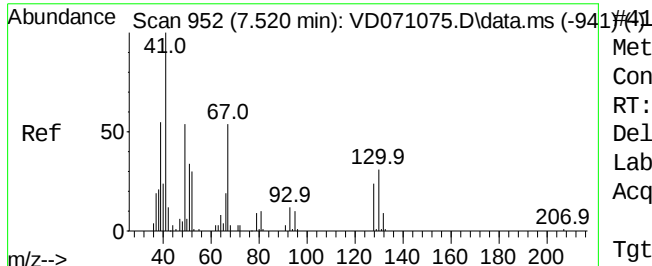
78 100

77 22.2 19.1 28.7



Abundance Scan 1093 (8.350 min): VD071114.D\data.ms (-1042-)





Methacrylonitrile

Concen: 19.77 ug/l

RT: 7.514 min Scan# 1105

Delta R.T. -0.006 min

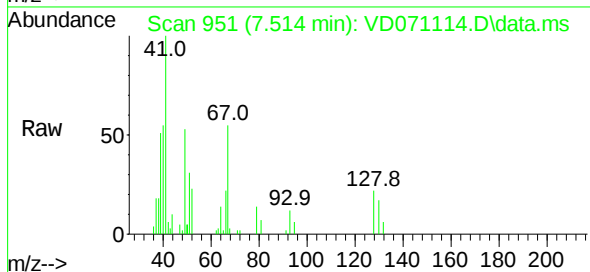
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 41 Resp: 15825

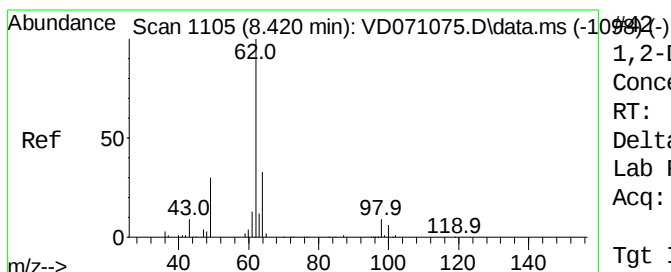
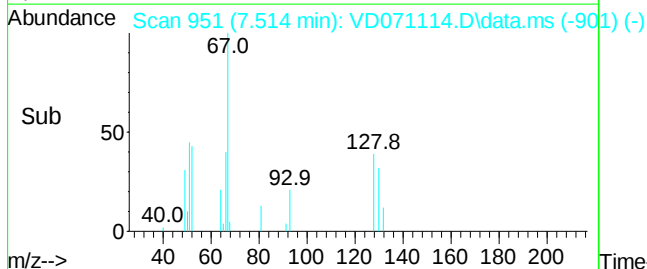
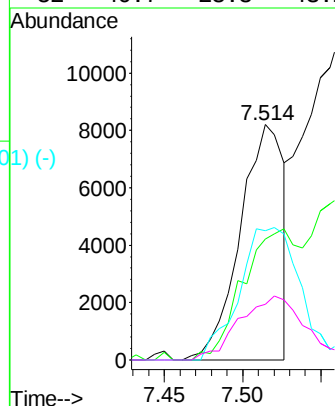
Ion Ratio Lower Upper

41 100

39 73.2 60.2 90.4

67 78.9 74.8 112.2

52 40.7 28.8 43.2



1,2-Dichloroethane

Concen: 20.79 ug/l

RT: 8.420 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VD071114.D

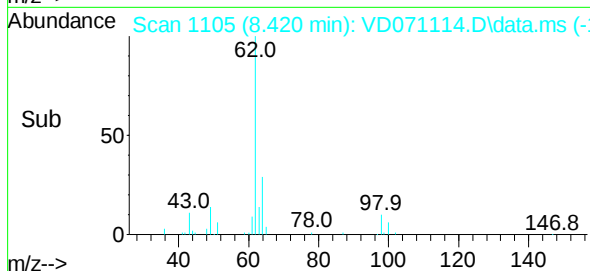
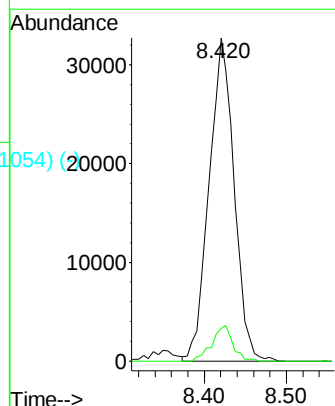
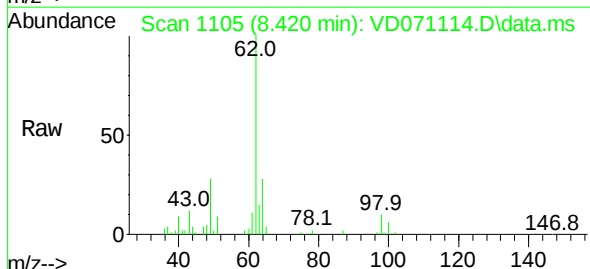
Acq: 02 Dec 2021 13:12

Tgt Ion: 62 Resp: 69274

Ion Ratio Lower Upper

62 100

98 9.2 0.0 21.8



Abundance Scan 1110 (8.450 min): VD071075.D\data.ms (-1099) (-)

Isopropyl Acetate

Concen: 20.77 ug/l

RT: 8.444 min Scan# 1110

Delta R.T. -0.006 min

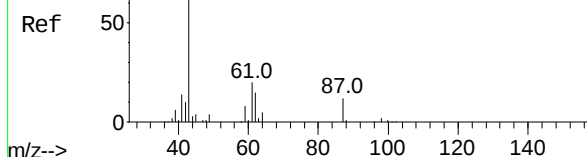
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :



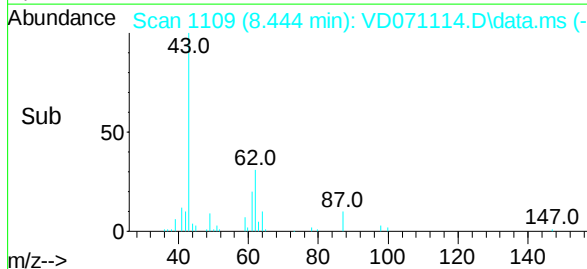
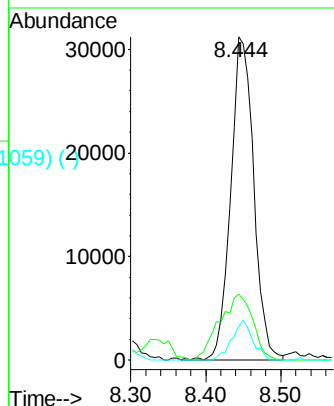
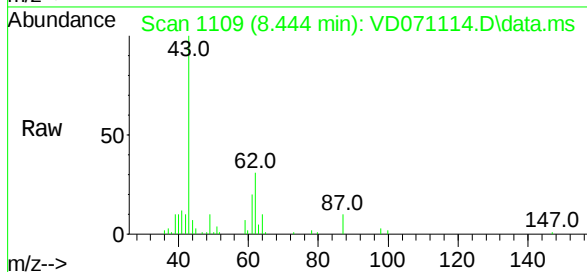
Tgt Ion: 43 Resp: 66333

Ion Ratio Lower Upper

43 100

61 29.4 28.2 42.4

87 11.0 10.7 16.1



Abundance Scan 1222 (9.109 min): VD071075.D\data.ms (-1219) (-)

Trichloroethene

Concen: 19.96 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.001 min

Lab File: VD071114.D

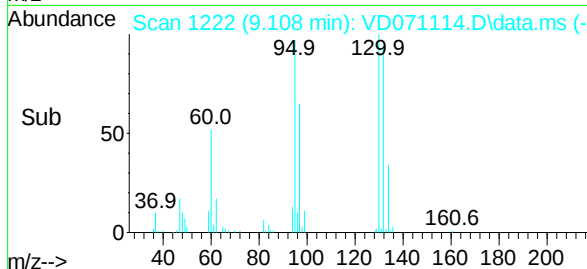
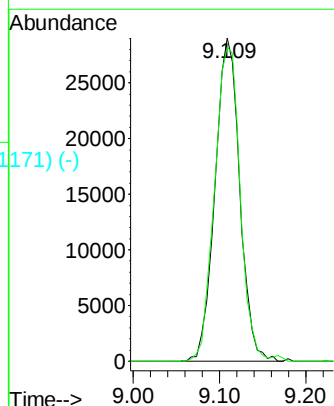
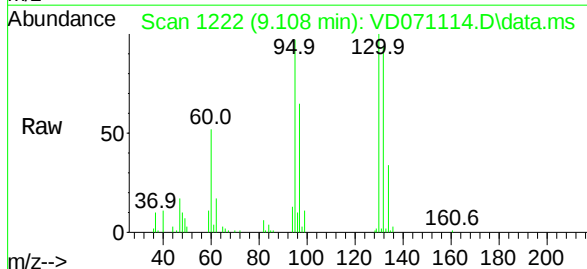
Acq: 02 Dec 2021 13:12

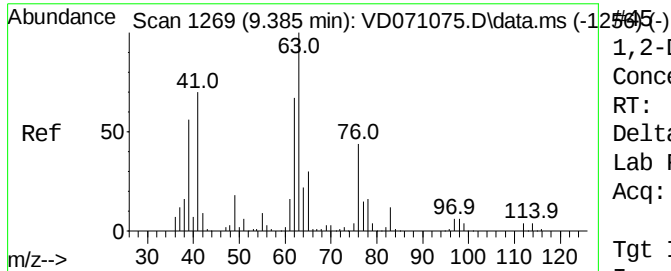
Tgt Ion:130 Resp: 58089

Ion Ratio Lower Upper

130 100

95 97.1 0.0 193.2

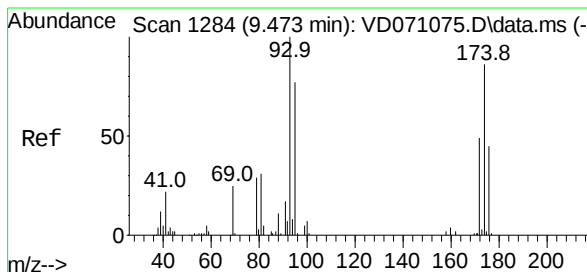
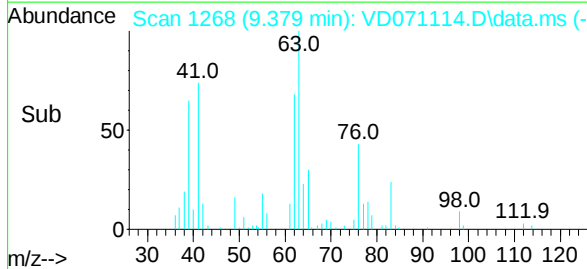
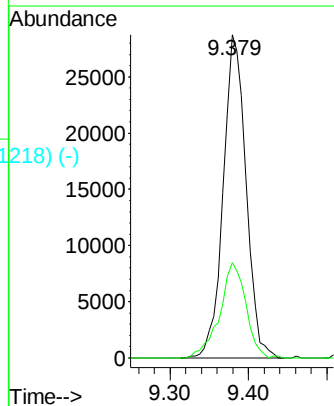
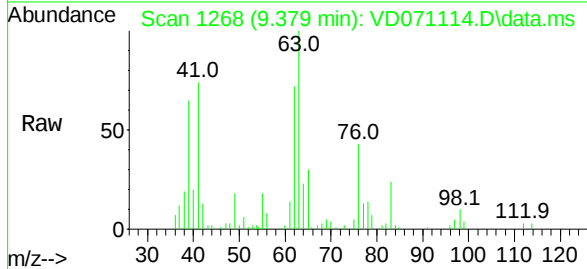




1,2-Dichloropropane
 Concen: 20.19 ug/l
 RT: 9.379 min Scan# 1268
 Delta R.T. -0.006 min
 Lab File: VD071114.D
 Acq: 02 Dec 2021 13:12

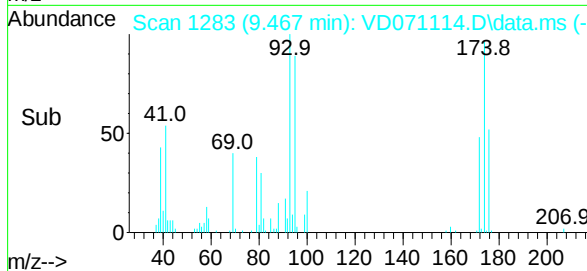
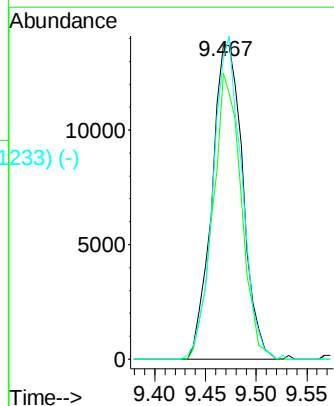
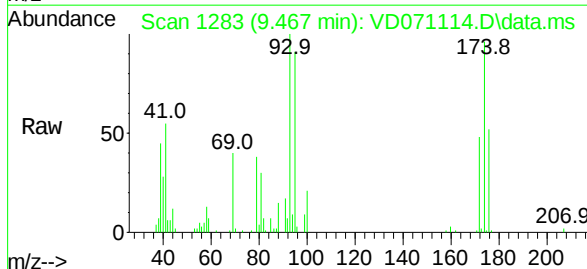
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 63 Resp: 57977
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.2 36.2

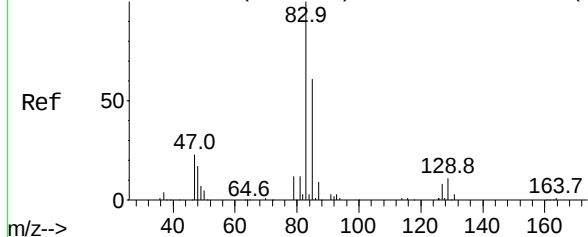


Dibromomethane
 Concen: 19.46 ug/l
 RT: 9.467 min Scan# 1283
 Delta R.T. -0.006 min
 Lab File: VD071114.D
 Acq: 02 Dec 2021 13:12

Tgt Ion: 93 Resp: 28985
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.1 99.1
 174 95.2 78.6 117.8



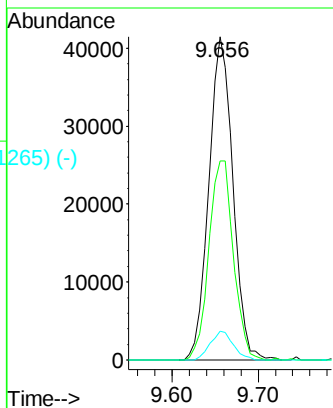
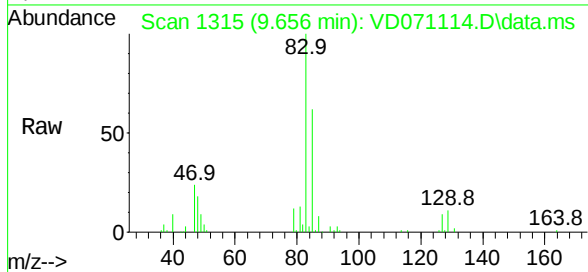
Abundance Scan 1316 (9.661 min): VD071075.D\data.ms (-13067-)



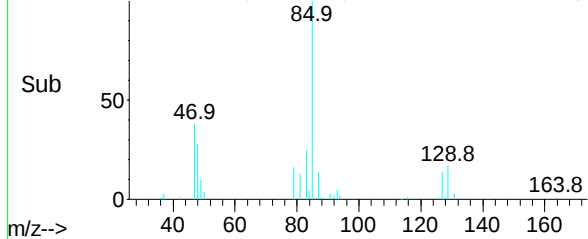
Bromodichloromethane
Concen: 20.45 ug/l
RT: 9.656 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Instrument :
MSVOA_D
ClientSampleId :

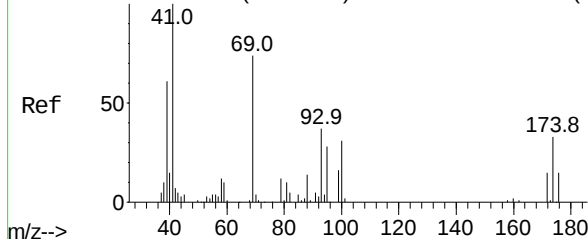
Tgt Ion:	83	Resp:	80544
Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.0	75.0
127	8.8	7.3	10.9



Abundance Scan 1315 (9.656 min): VD071114.D\data.ms (-1265-)

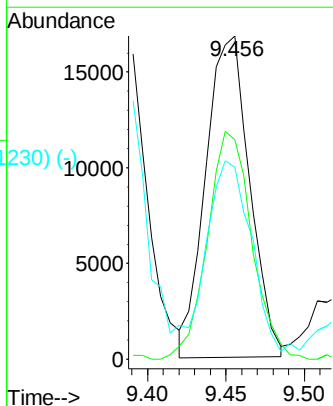
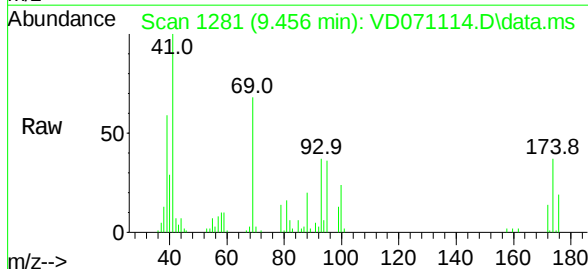


Abundance Scan 1281 (9.456 min): VD071075.D\data.ms (-12798-)

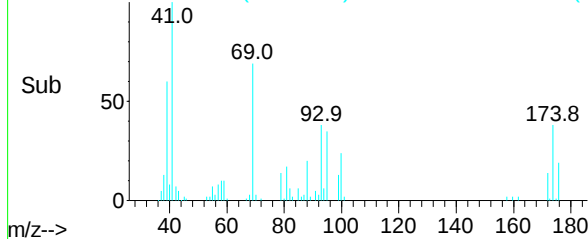


Methyl methacrylate
Concen: 19.16 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion:	41	Resp:	32563
Ion	Ratio	Lower	Upper
41	100		
69	71.5	69.8	104.6
39	57.4	35.6	53.4#



Abundance Scan 1281 (9.456 min): VD071114.D\data.ms (-1230-)



Abundance Scan 1282 (9.461 min): VD071075.D\data.ms (-1279) (-)

1,4-Dioxane

Concen: 419.23 ug/l

RT: 9.456 min Scan# 1282

Delta R.T. -0.005 min

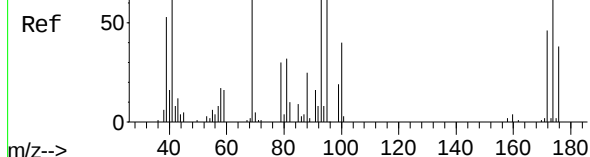
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :



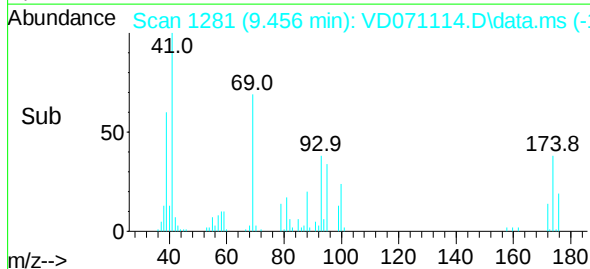
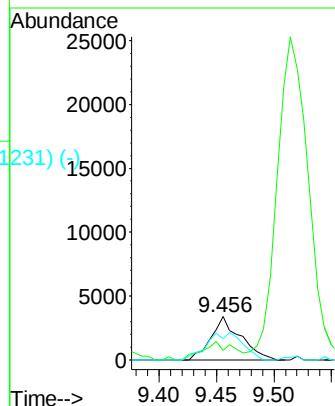
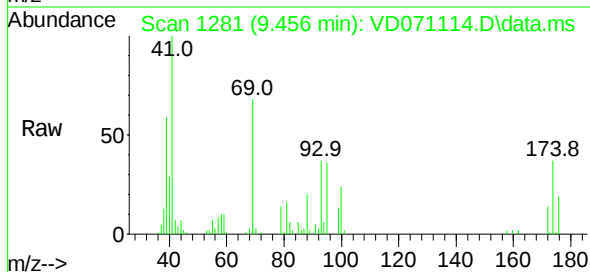
Tgt Ion: 88 Resp: 6028

Ion Ratio Lower Upper

88 100

43 44.0 28.9 43.3#

58 76.9 56.3 84.5



Abundance Scan 1431 (10.338 min): VD071075.D\data.ms (-1450) (-)

Toluene-d8

Concen: 49.21 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071114.D

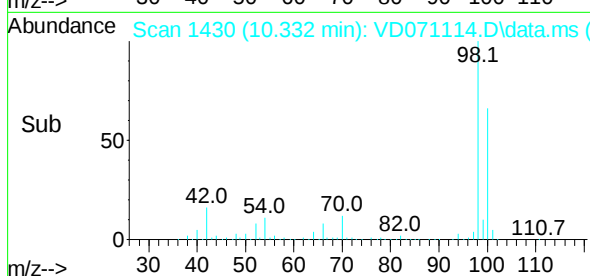
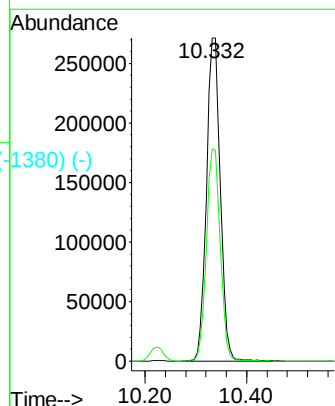
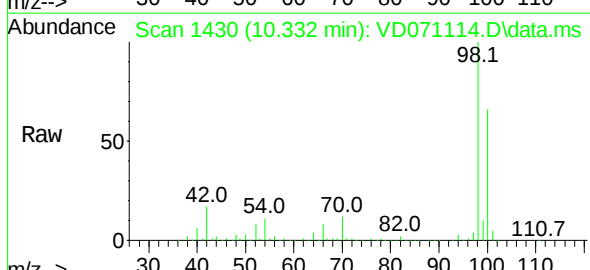
Acq: 02 Dec 2021 13:12

Tgt Ion: 98 Resp: 512844

Ion Ratio Lower Upper

98 100

100 66.1 51.8 77.6



Abundance Scan 1412 (10.226 min): VD071075.D\data.ms (-1450) (-)

4-Methyl-2-Pentanone

Concen: 104.53 ug/l

RT: 10.220 min Scan# 1411

Delta R.T. -0.006 min

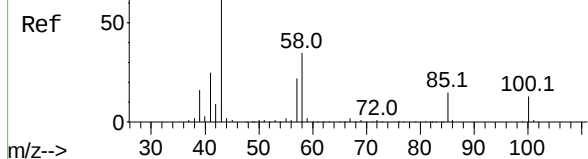
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :

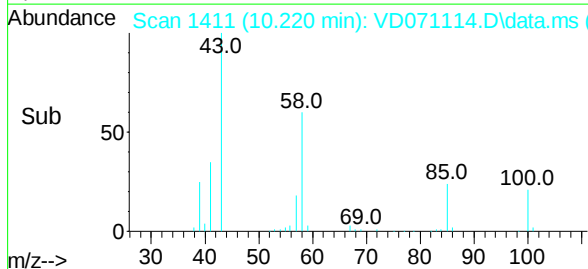
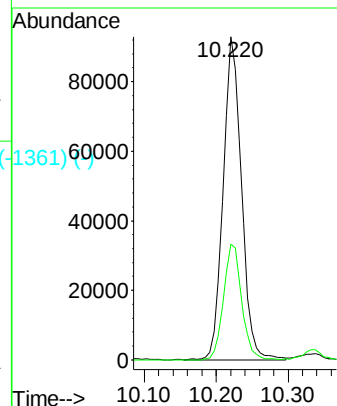
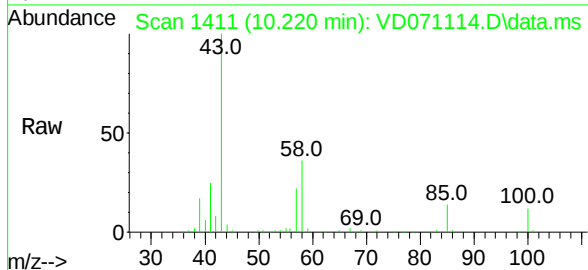


Tgt Ion: 43 Resp: 164847

Ion Ratio Lower Upper

43 100

58 35.5 33.1 49.7



Abundance Scan 1442 (10.403 min): VD071075.D\data.ms (-1450) (-)

Toluene

Concen: 20.45 ug/l

RT: 10.397 min Scan# 1441

Delta R.T. -0.006 min

Lab File: VD071114.D

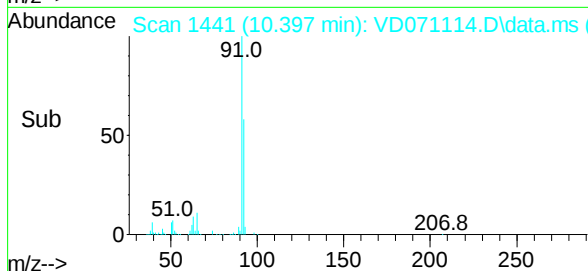
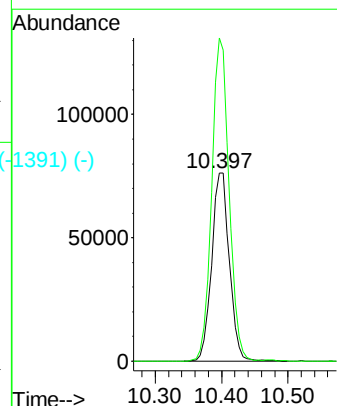
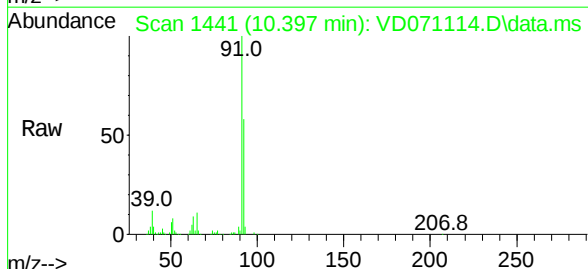
Acq: 02 Dec 2021 13:12

Tgt Ion: 92 Resp: 141666

Ion Ratio Lower Upper

92 100

91 168.0 140.7 211.1



Abundance Scan 1478 (10.614 min): VD071075.D\data.ms (-1459) (-)

t-1,3-Dichloropropene

Concen: 18.94 ug/l

RT: 10.614 min Scan# 1478

Delta R.T. 0.000 min

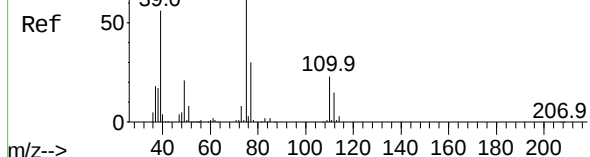
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :

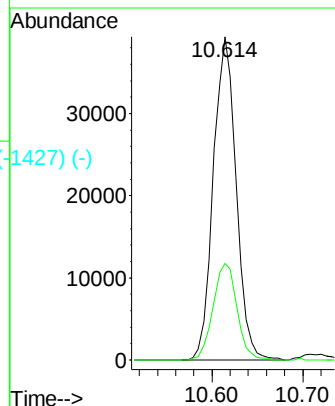
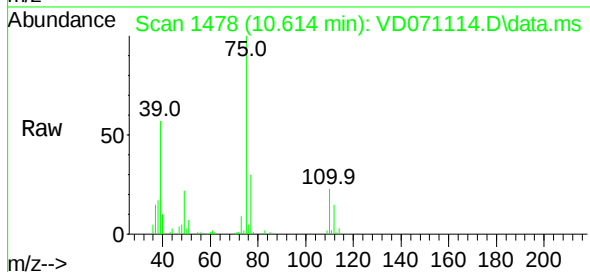


Tgt Ion: 75 Resp: 68601

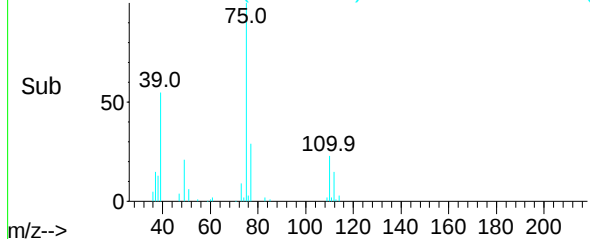
Ion Ratio Lower Upper

75 100

77 29.8 24.5 36.7



Abundance Scan 1478 (10.614 min): VD071114.D\data.ms (-1427) (-)



Abundance Scan 1388 (10.085 min): VD071075.D\data.ms (-1359) (-)

cis-1,3-Dichloropropene

Concen: 19.35 ug/l

RT: 10.085 min Scan# 1388

Delta R.T. -0.000 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

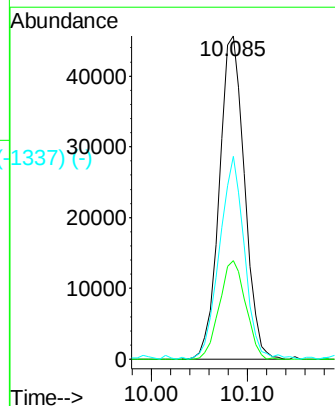
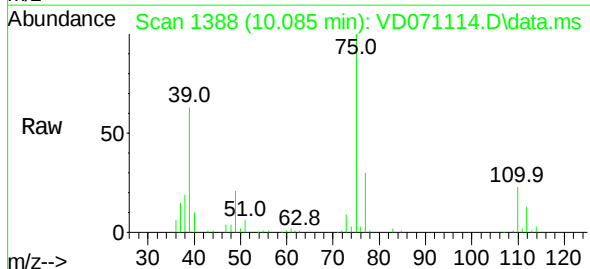
Tgt Ion: 75 Resp: 83260

Ion Ratio Lower Upper

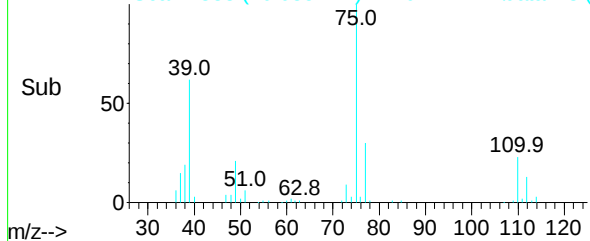
75 100

77 30.4 25.0 37.6

39 62.1 31.6 47.4#



Abundance Scan 1388 (10.085 min): VD071114.D\data.ms (-1337) (-)



Abundance Scan 1509 (10.797 min): VD071075.D\data.ms (-1555) (-)

1,1,2-Trichloroethane

Concen: 20.07 ug/l

RT: 10.791 min Scan# 1509

Delta R.T. -0.006 min

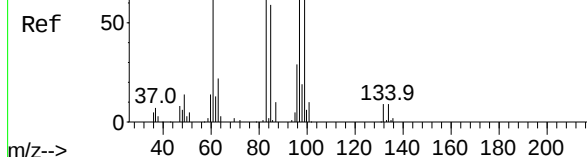
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 39220

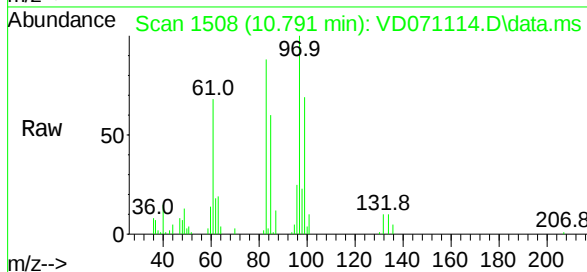
Ion Ratio Lower Upper

97 100

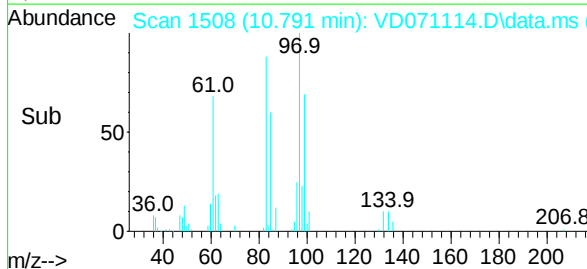
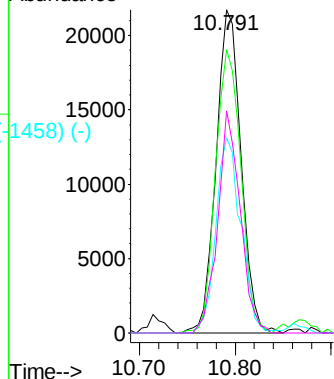
83 87.8 65.2 97.8

85 60.4 43.4 65.0

99 68.7 52.1 78.1



Abundance



Abundance Scan 1485 (10.656 min): VD071075.D\data.ms (-1458) (-)

Ethyl methacrylate

Concen: 20.33 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. -0.001 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

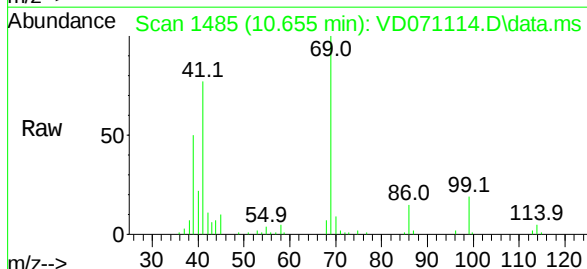
Tgt Ion: 69 Resp: 45877

Ion Ratio Lower Upper

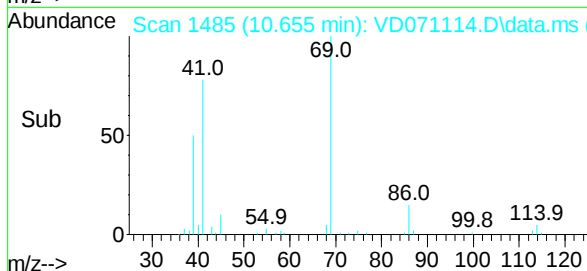
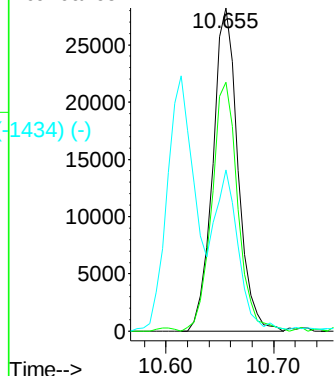
69 100

41 79.8 50.2 75.2#

39 46.1 19.8 29.8#



Abundance



Abundance Scan 1534 (10.944 min): VD071075.D\data.ms (-1555) (-)

1,3-Dichloropropane

Concen: 19.97 ug/l

RT: 10.938 min Scan# 1534

Delta R.T. -0.006 min

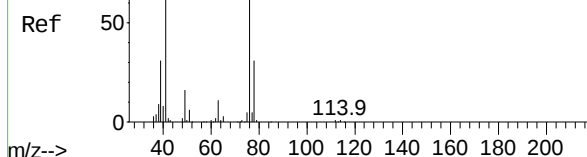
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :

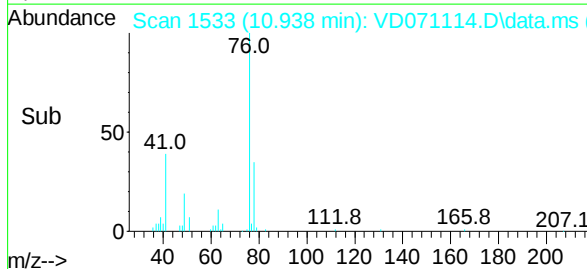
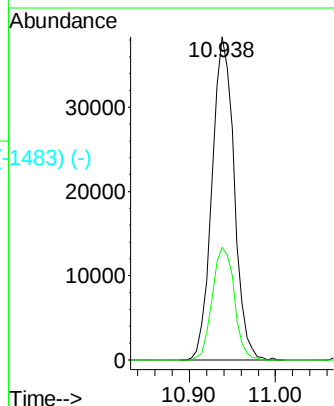
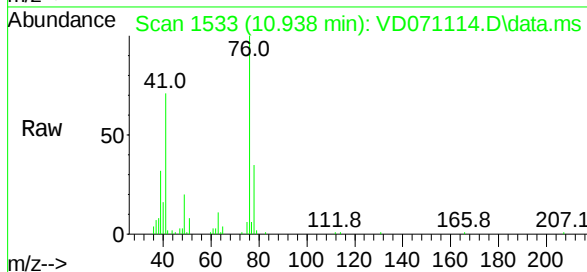


Tgt Ion: 76 Resp: 68564

Ion Ratio Lower Upper

76 100

78 34.5 25.8 38.6



Abundance Scan 1363 (9.938 min): VD071075.D\data.ms (-1359) (-)

2-Chloroethyl Vinyl ether

Concen: 106.88 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071114.D

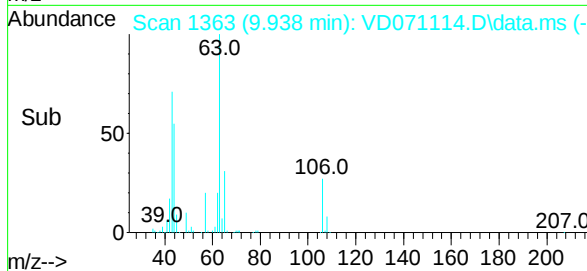
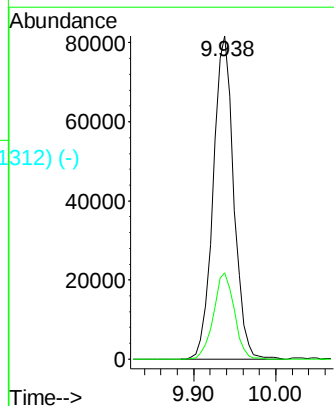
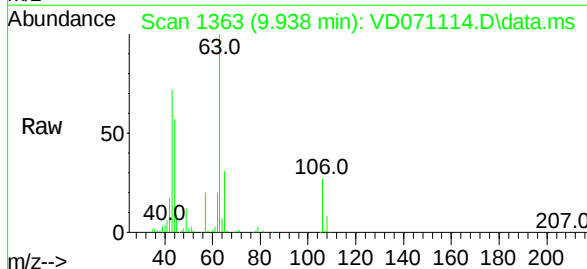
Acq: 02 Dec 2021 13:12

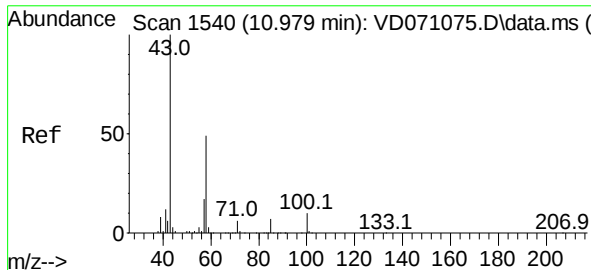
Tgt Ion: 63 Resp: 142118

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.4

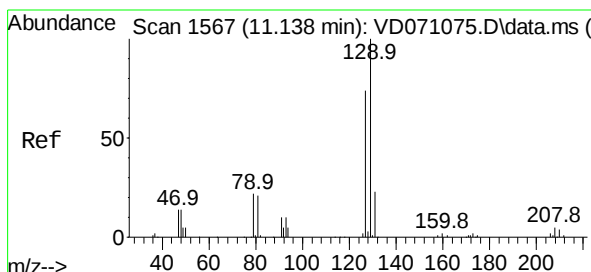
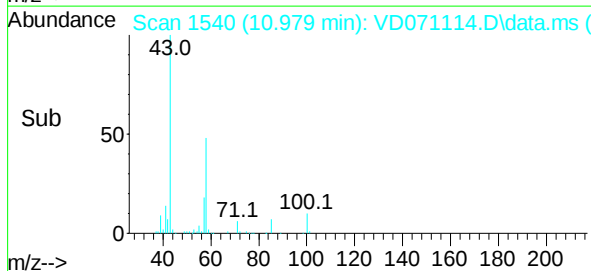
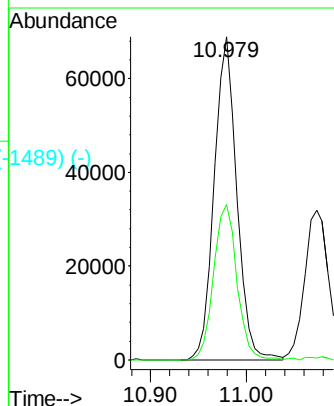
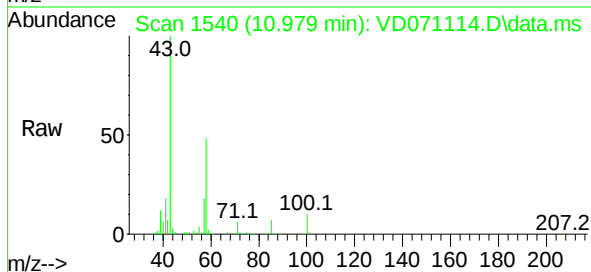




2-Hexanone
Concen: 99.96 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

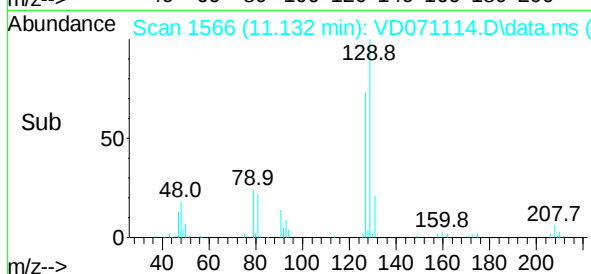
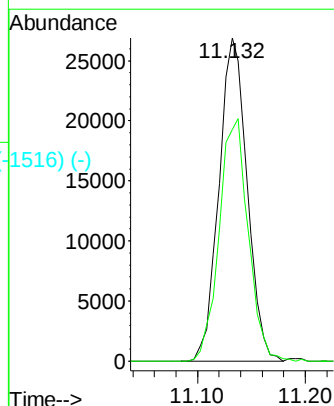
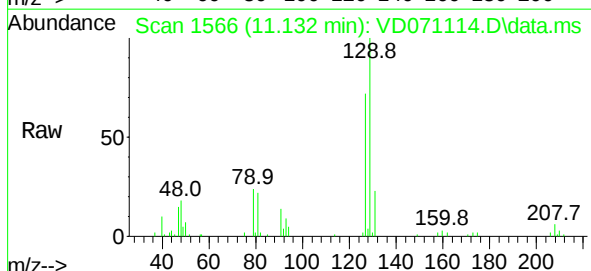
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 111943
Ion Ratio Lower Upper
43 100
58 49.8 28.7 86.1



Dibromochloromethane
Concen: 20.30 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion:129 Resp: 49289
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6



Abundance Scan 1585 (11.244 min): VD071075.D\data.ms (-1563) (-)

1,2-Dibromoethane

Concen: 20.00 ug/l

RT: 11.238 min Scan# 1585

Delta R.T. -0.006 min

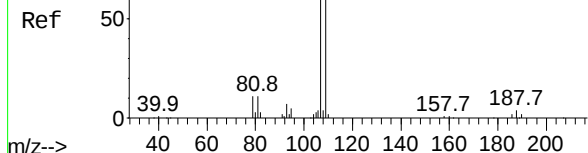
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :

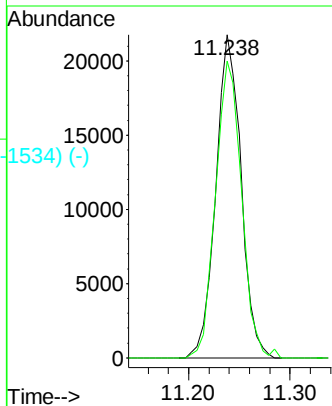
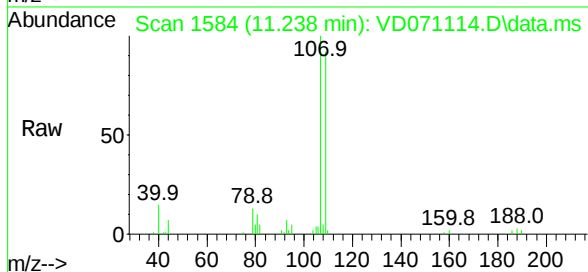


Tgt Ion:107 Resp: 37525

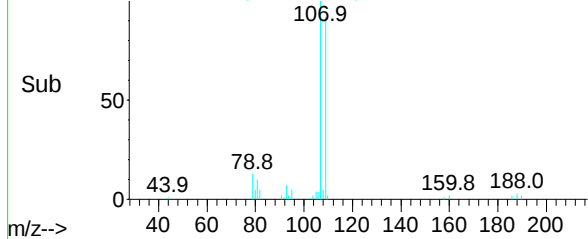
Ion Ratio Lower Upper

107 100

109 95.0 74.6 112.0



Abundance Scan 1584 (11.238 min): VD071114.D\data.ms (-1534) (-)



Abundance Scan 1820 (12.626 min): VD071075.D\data.ms (-1762) (-)

4-Bromofluorobenzene

Concen: 51.04 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.006 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

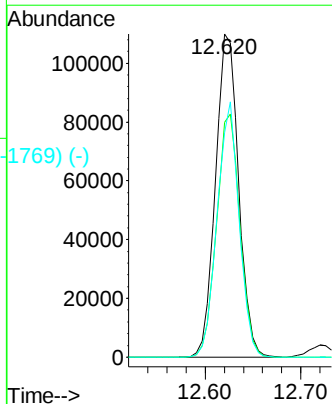
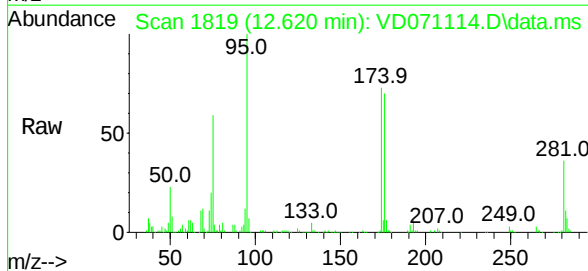
Tgt Ion: 95 Resp: 184380

Ion Ratio Lower Upper

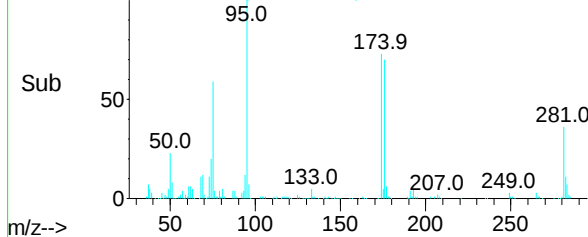
95 100

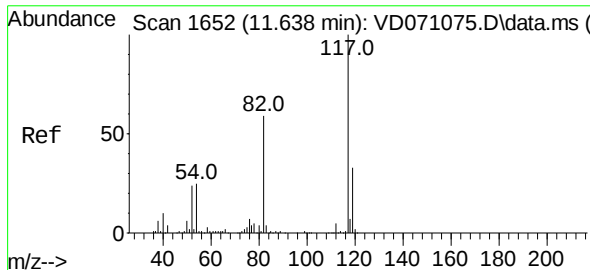
174 76.1 0.0 159.4

176 75.1 0.0 154.0



Abundance Scan 1819 (12.620 min): VD071114.D\data.ms (-1769) (-)

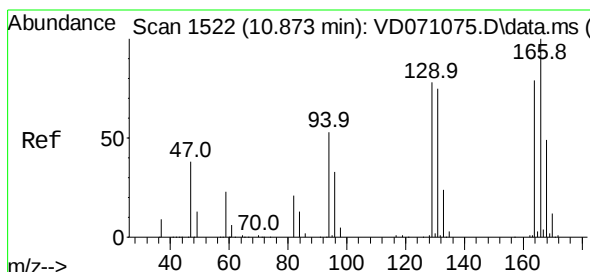
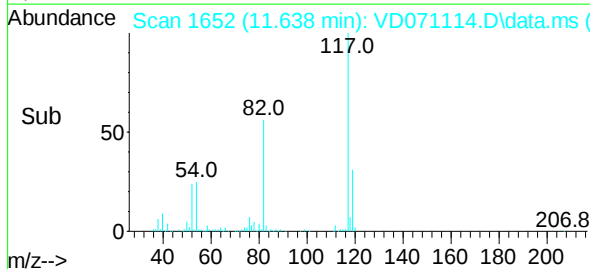
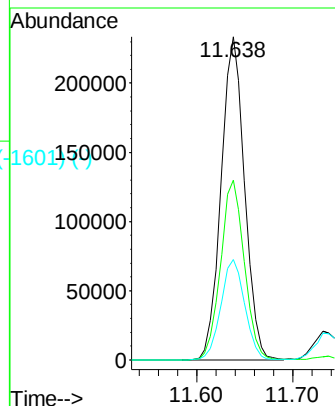
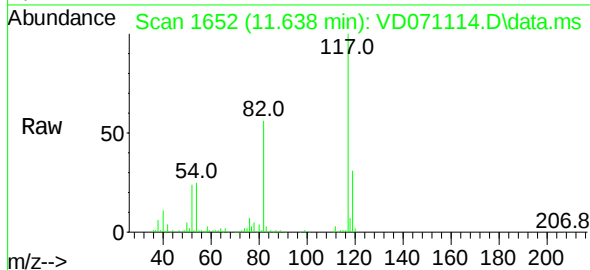




Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

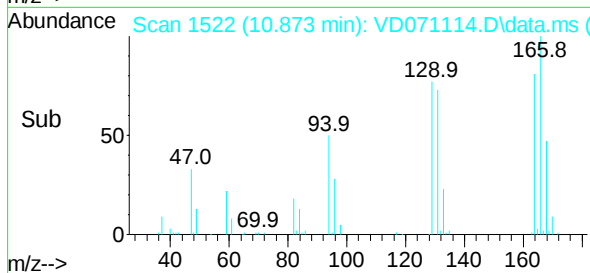
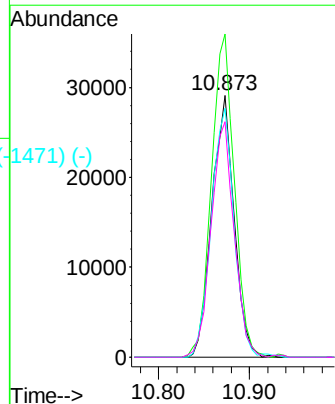
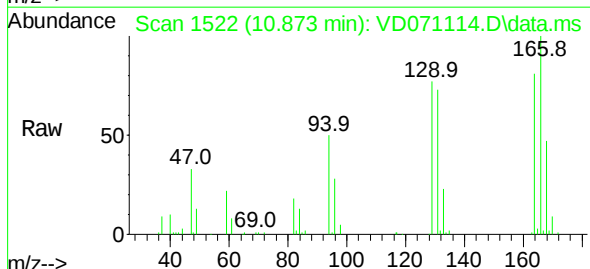
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	117	Resp:	396843
Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.7	67.1
119	31.0	26.2	39.4



Tetrachloroethene
Concen: 19.76 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion:	164	Resp:	49784
Ion	Ratio	Lower	Upper
164	100		
166	123.4	102.6	153.8
129	94.9	75.4	113.0
131	89.8	70.6	106.0



Abundance Scan 1657 (11.667 min): VD071075.D\data.ms (-1665) (-)

Chlorobenzene

Concen: 19.58 ug/l

RT: 11.661 min Scan# 1657

Delta R.T. -0.006 min

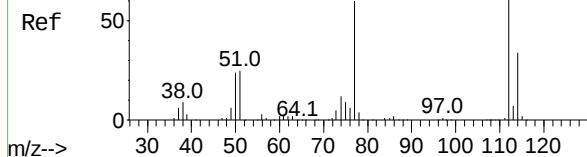
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :

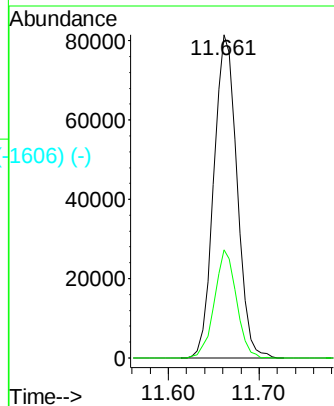
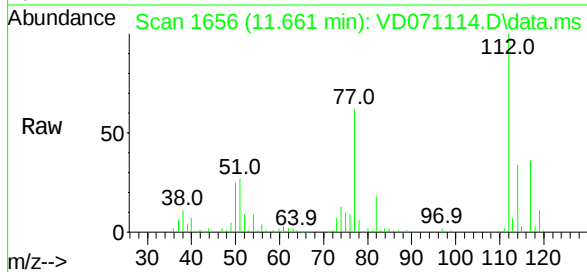


Tgt Ion:112 Resp: 144148

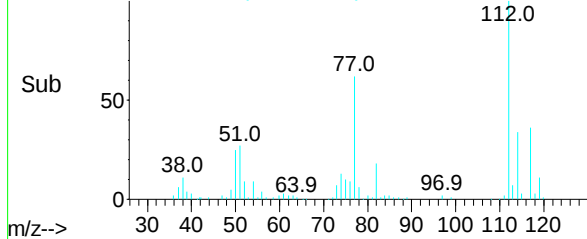
Ion Ratio Lower Upper

112 100

114 33.5 26.0 39.0



Abundance Scan 1656 (11.661 min): VD071114.D\data.ms (-1606) (-)



Abundance Scan 1669 (11.738 min): VD071075.D\data.ms (-1669) (-)

1,1,1,2-Tetrachloroethane

Concen: 19.65 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

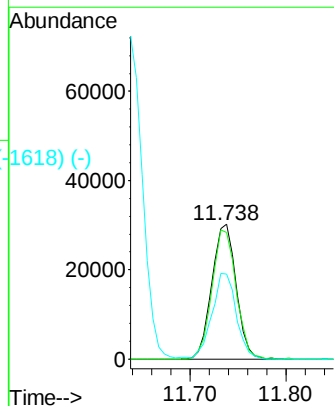
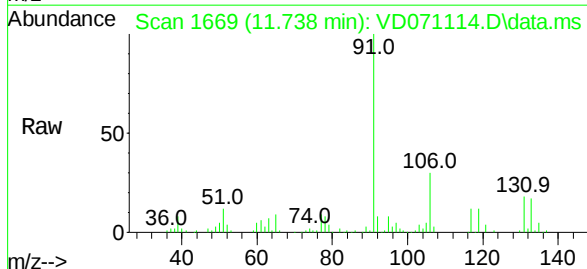
Tgt Ion:131 Resp: 52831

Ion Ratio Lower Upper

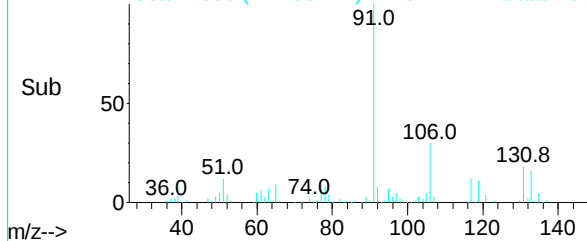
131 100

133 95.4 48.0 144.0

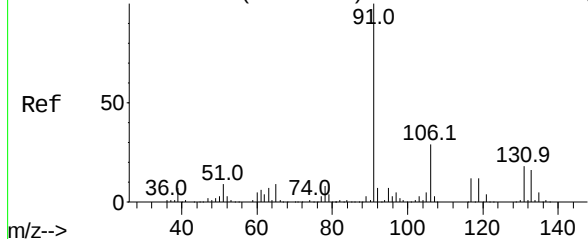
119 63.8 33.5 100.4



Abundance Scan 1669 (11.738 min): VD071114.D\data.ms (-1618) (-)



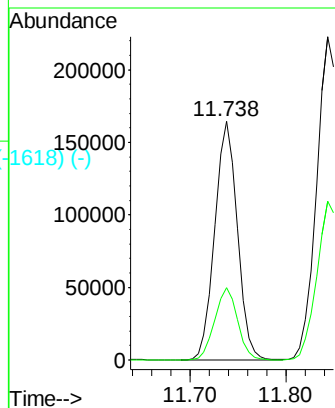
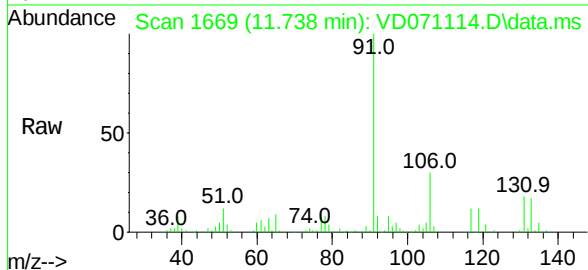
Abundance Scan 1669 (11.738 min): VD071075.D\data.ms (-1667) (-)



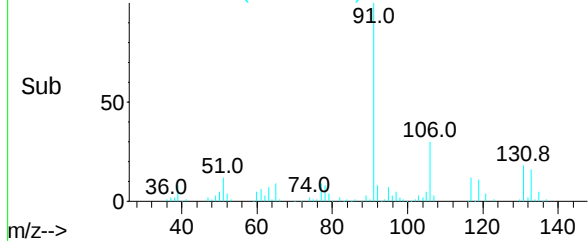
Ethyl Benzene
Concen: 19.36 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Instrument :
MSVOA_D
ClientSampleId :

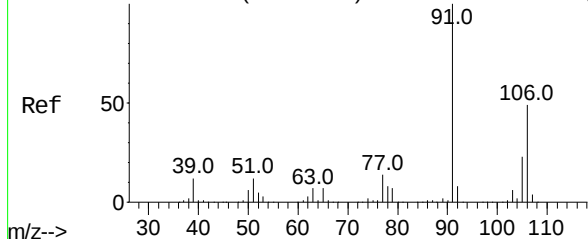
Tgt Ion: 91 Resp: 268321
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8



Abundance Scan 1669 (11.738 min): VD071114.D\data.ms (-1618) (-)

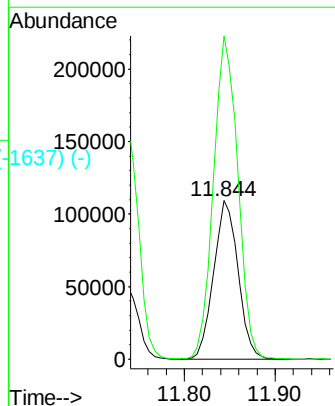
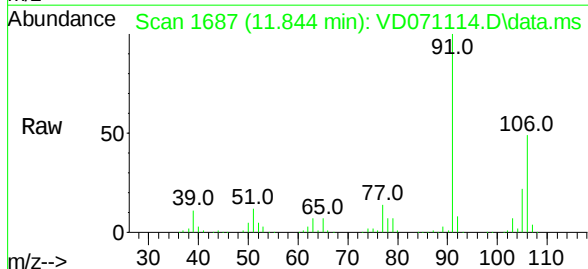


Abundance Scan 1688 (11.850 min): VD071075.D\data.ms (-1688) (-)

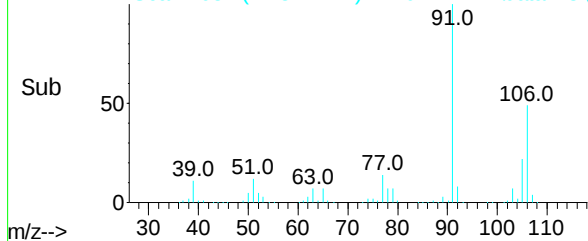


m/p-Xylenes
Concen: 38.94 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

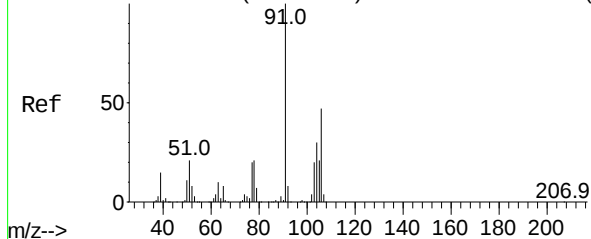
Tgt Ion:106 Resp: 203765
Ion Ratio Lower Upper
106 100
91 204.4 160.1 240.1



Abundance Scan 1687 (11.844 min): VD071114.D\data.ms (-1637) (-)



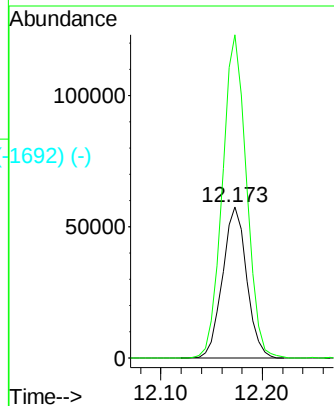
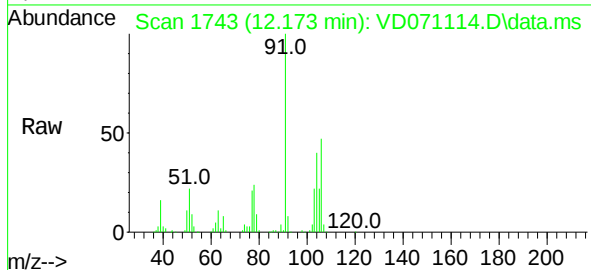
Abundance Scan 1743 (12.173 min): VD071075.D\data.ms (-1759) (-)



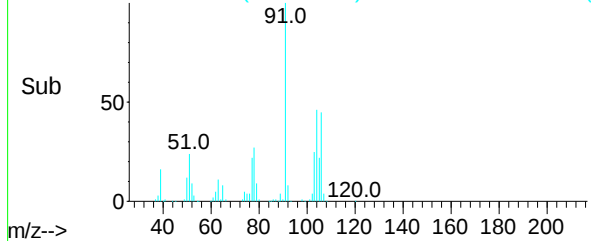
o-Xylene
Concen: 19.29 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Instrument :
MSVOA_D
ClientSampleId :

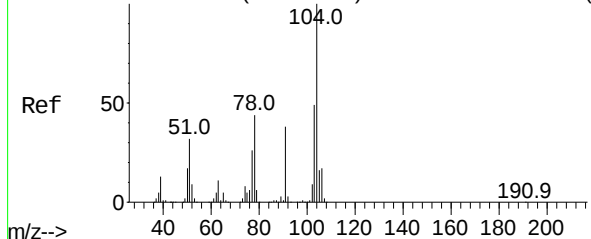
Tgt Ion:106 Resp: 94862
Ion Ratio Lower Upper
106 100
91 214.0 106.3 319.0



Abundance Scan 1743 (12.173 min): VD071114.D\data.ms (-1692) (-)

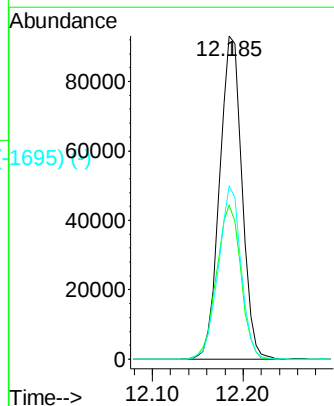
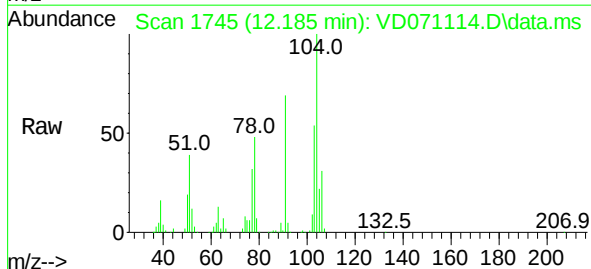


Abundance Scan 1746 (12.191 min): VD071075.D\data.ms (-1759) (-)

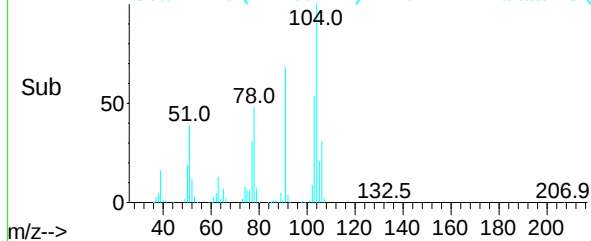


Styrene
Concen: 19.22 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

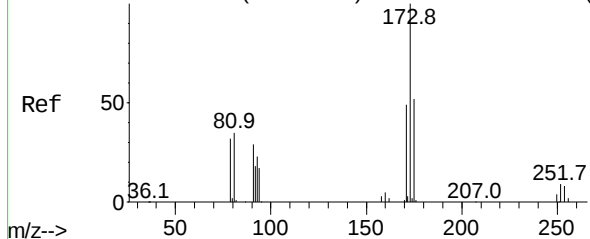
Tgt Ion:104 Resp: 159352
Ion Ratio Lower Upper
104 100
78 51.7 39.4 59.0
103 54.3 43.4 65.0



Abundance Scan 1745 (12.185 min): VD071114.D\data.ms (-1695) (-)



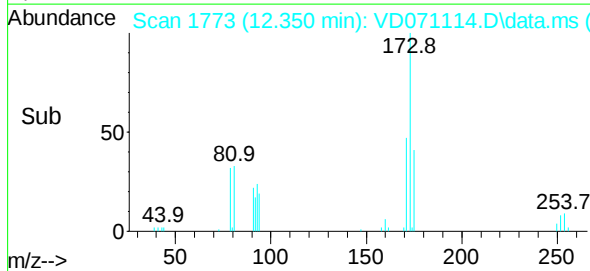
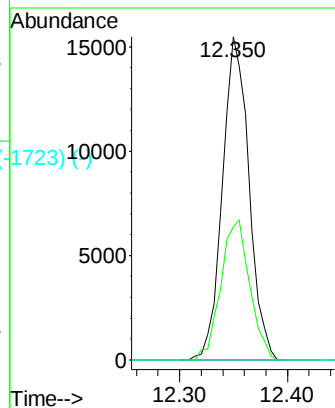
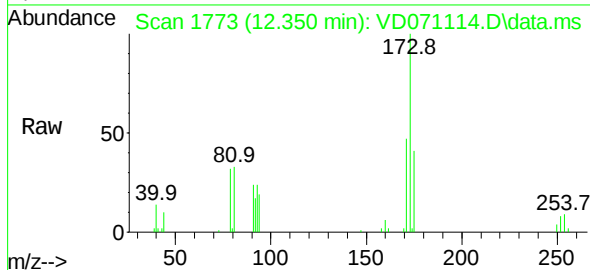
Abundance Scan 1774 (12.355 min): VD071075.D\data.ms (-175) (-)



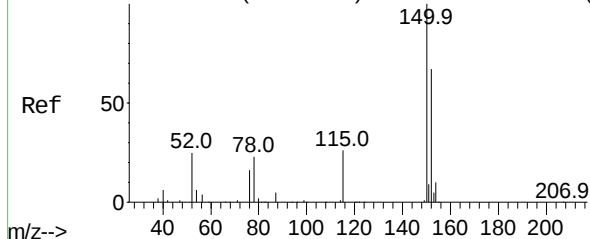
Bromoform
Concen: 19.16 ug/l
RT: 12.350 min Scan# 1774
Delta R.T. -0.005 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 26691
Ion Ratio Lower Upper
173 100
175 47.1 24.1 72.2
254 0.0 0.1 0.1#

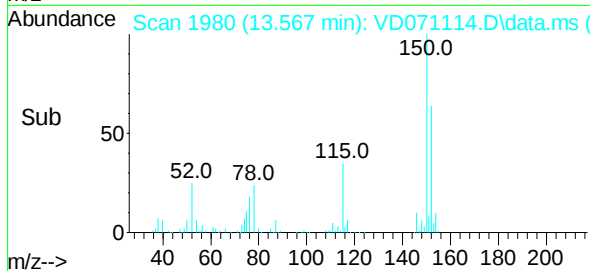
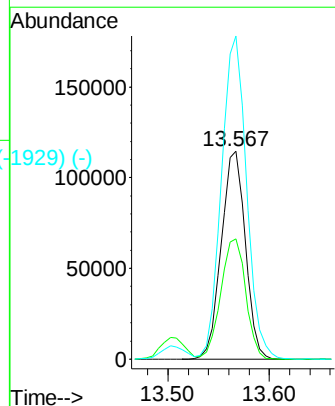
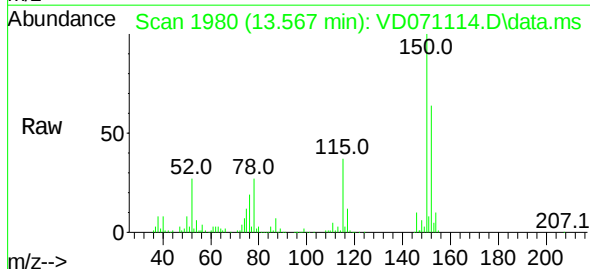


Abundance Scan 1980 (13.567 min): VD071075.D\data.ms (-1972) (-)

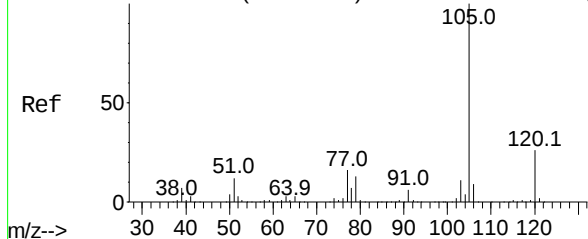


1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion:152 Resp: 188800
Ion Ratio Lower Upper
152 100
115 59.6 29.8 89.3
150 162.1 0.0 349.2



Abundance Scan 1794 (12.473 min): VD071075.D\data.ms (-1753)



Isopropylbenzene

Concen: 18.66 ug/l

RT: 12.473 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

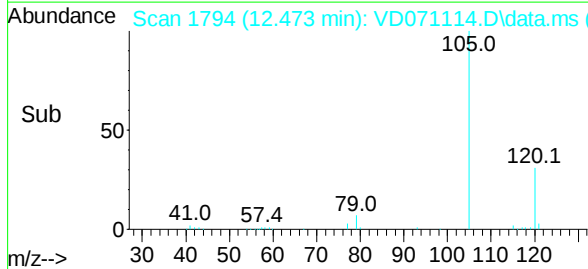
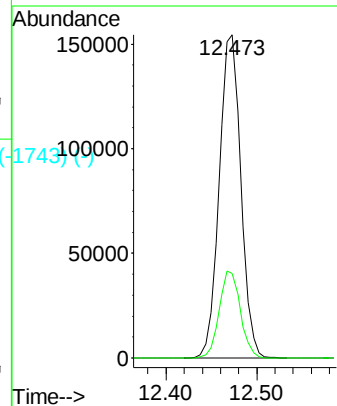
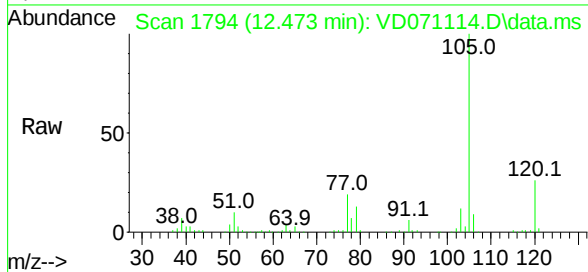
ClientSampleId :

Tgt Ion:105 Resp: 255043

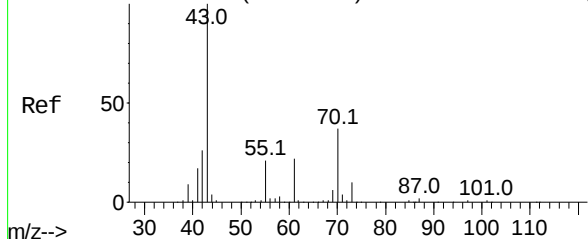
Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



Abundance Scan 1761 (12.279 min): VD071075.D\data.ms (-1752)



N-ethyl acetate

Concen: 19.72 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Tgt Ion: 43 Resp: 59208

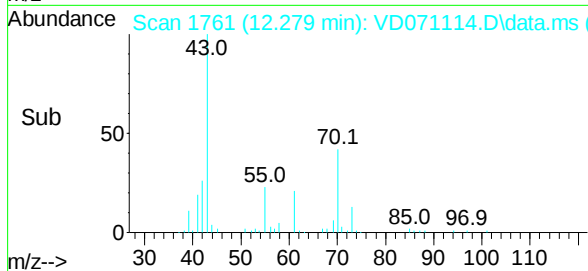
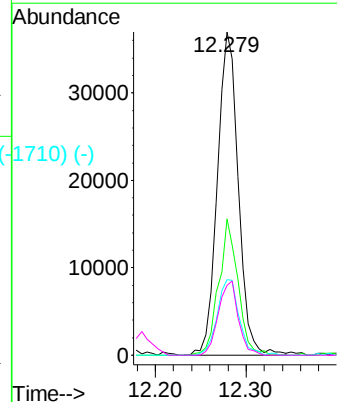
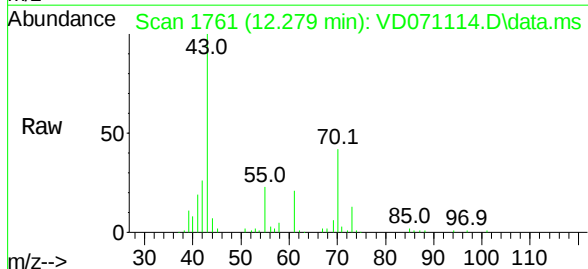
Ion Ratio Lower Upper

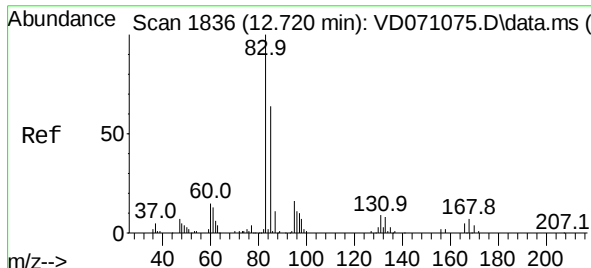
43 100

70 38.6 36.6 55.0

55 24.5 22.5 33.7

61 21.7 20.5 30.7

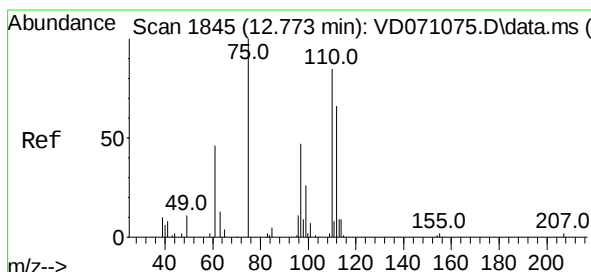
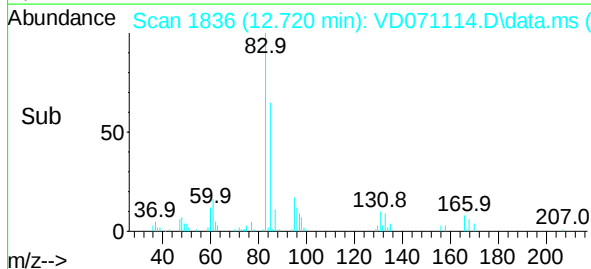
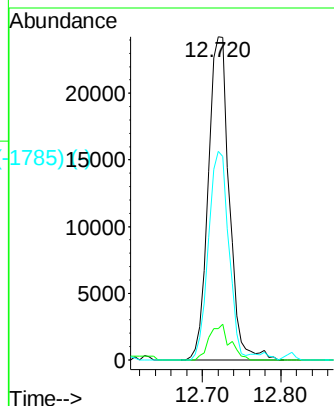
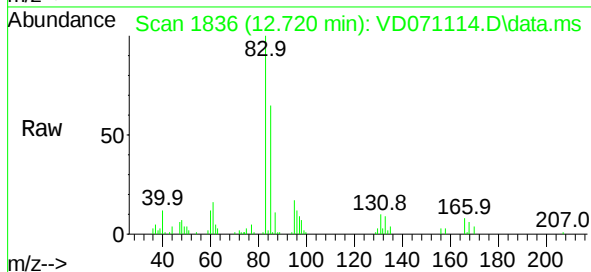




1,1,2,2-Tetrachloroethane
 Concen: 19.92 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD071114.D
 Acq: 02 Dec 2021 13:12

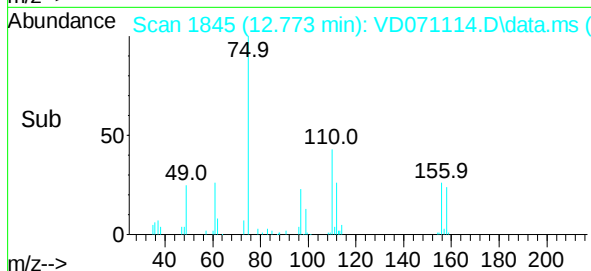
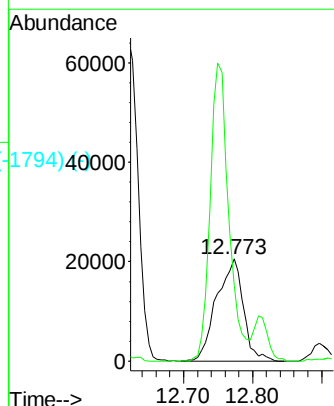
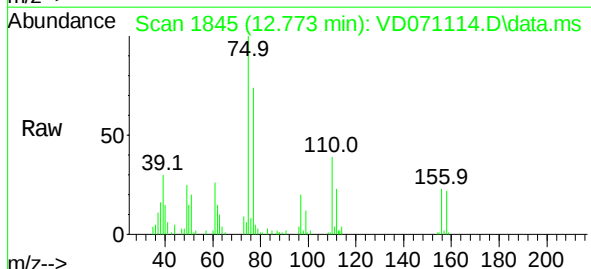
Instrument :
 MSVOA_D
 ClientSampleId :

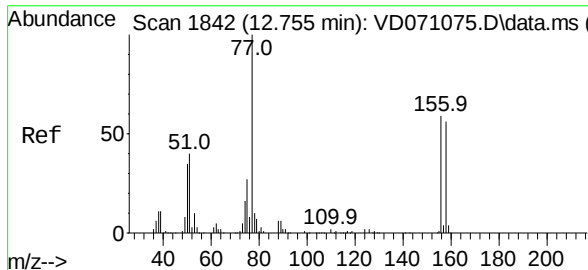
Tgt Ion:	83	Resp:	44836
Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.9	14.7
85	62.2	32.0	96.2



1,2,3-Trichloropropane
 Concen: 30.83 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD071114.D
 Acq: 02 Dec 2021 13:12

Tgt Ion:	75	Resp:	55465
Ion	Ratio	Lower	Upper
75	100		
77	0.0	158.4	475.3#

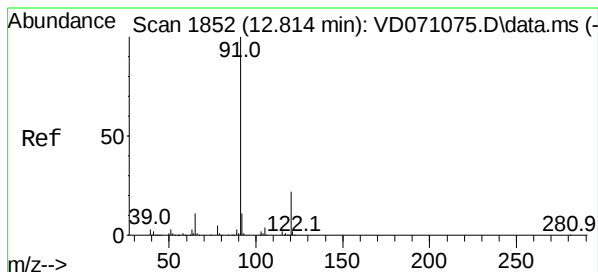
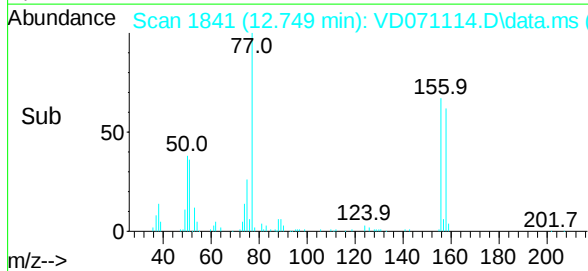
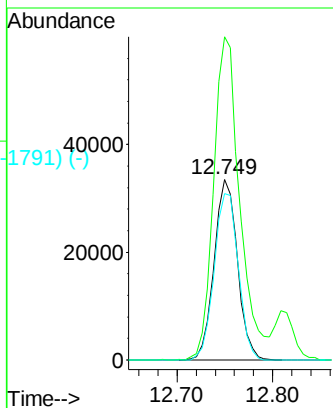
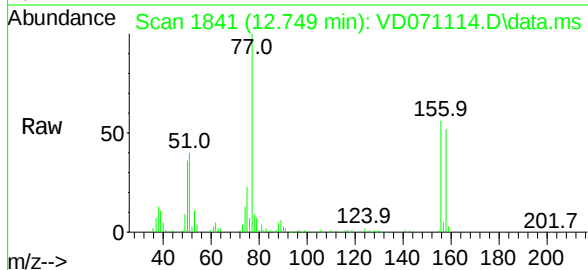




Scan 1842 (12.755 min): VD071075.D\data.ms (-1833) (-)
 Bromobenzene
 Concen: 19.09 ug/l
 RT: 12.749 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: VD071114.D
 Acq: 02 Dec 2021 13:12

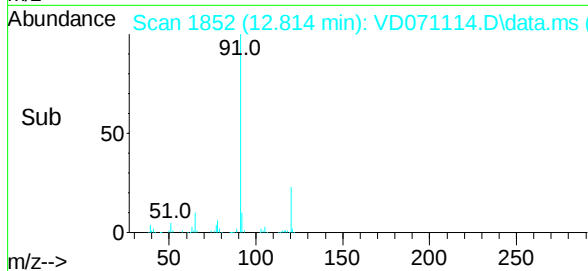
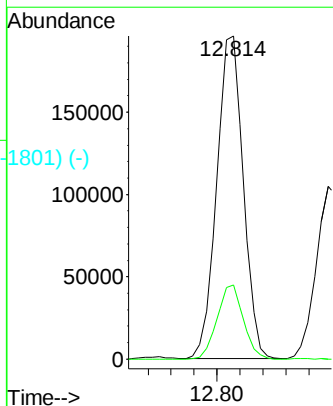
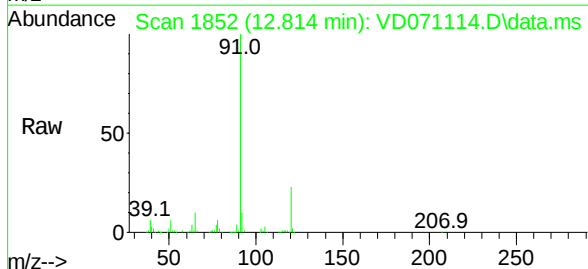
Instrument :
 MSVOA_D
 ClientSampleId :

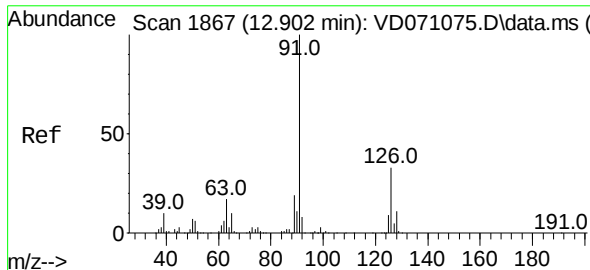
Tgt Ion:	156	Resp:	56522
Ion	Ratio	Lower	Upper
156	100		
77	201.4	96.6	289.8
158	95.4	49.1	147.4



Scan 1852 (12.814 min): VD071075.D\data.ms (-1875) (-)
 n-propylbenzene
 Concen: 18.51 ug/l
 RT: 12.814 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VD071114.D
 Acq: 02 Dec 2021 13:12

Tgt Ion:	91	Resp:	315050
Ion	Ratio	Lower	Upper
91	100		
120	22.7	10.9	32.9

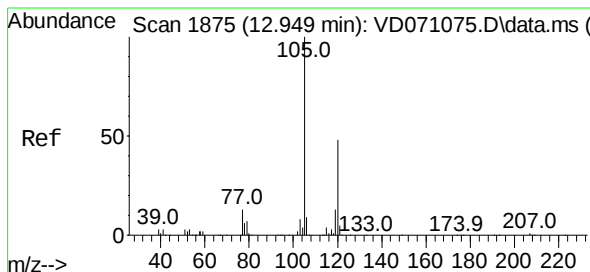
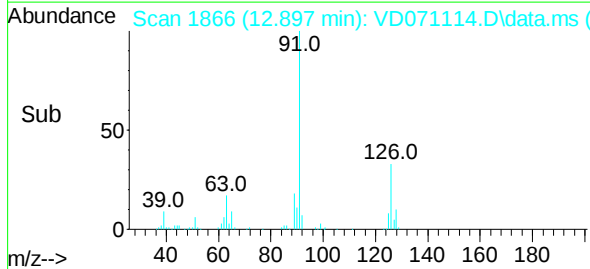
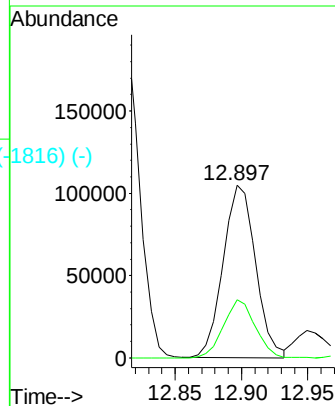
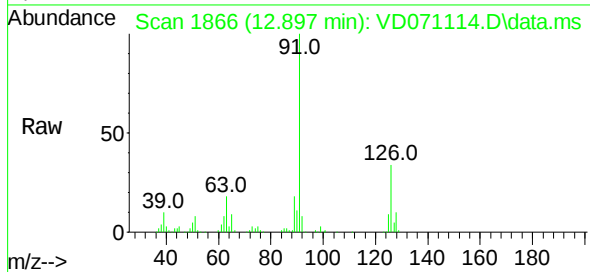




2-Chlorotoluene
Concen: 18.66 ug/l
RT: 12.897 min Scan# 1867
Delta R.T. -0.005 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

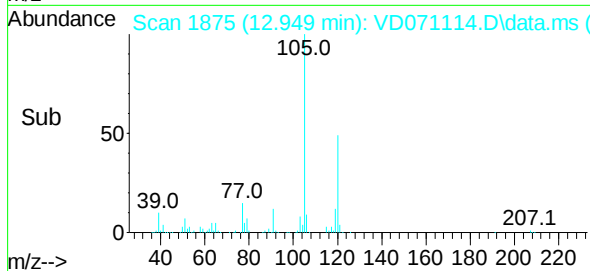
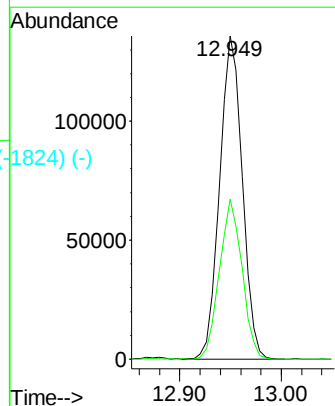
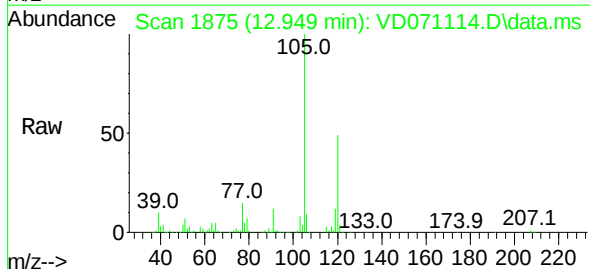
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 178277
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.7



1,3,5-Trimethylbenzene
Concen: 18.67 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion:105 Resp: 210444
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8



Abundance Scan 1802 (12.520 min): VD071075.D\data.ms (-1798) (-)

trans-1,4-Dichloro-2-butene

Concen: 19.35 ug/l

RT: 12.526 min Scan# 1802

Delta R.T. 0.006 min

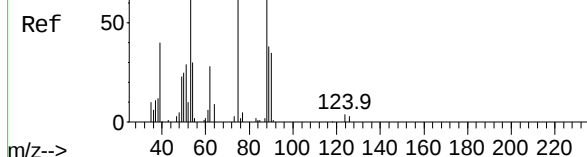
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :



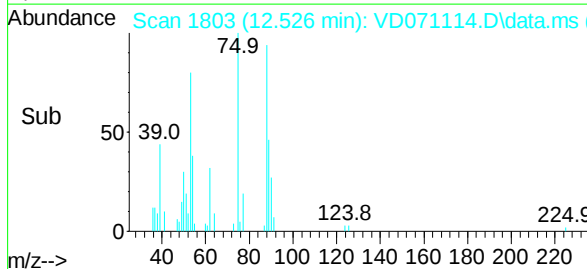
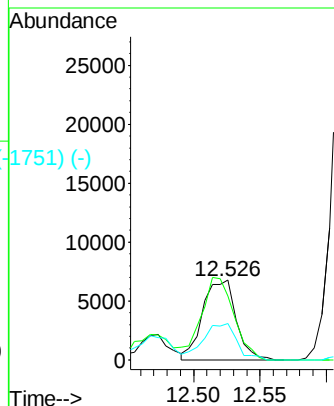
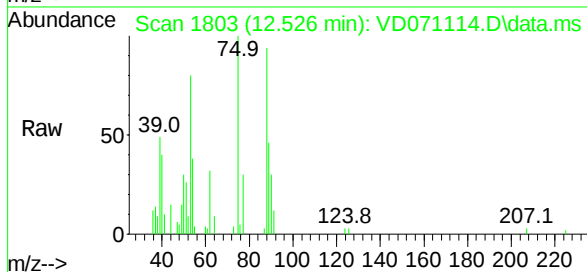
Tgt Ion: 75 Resp: 11805

Ion Ratio Lower Upper

75 100

53 104.2 62.6 94.0#

89 46.0 34.5 51.7



Abundance Scan 1883 (12.997 min): VD071075.D\data.ms (-1883) (-)

4-Chlorotoluene

Concen: 18.97 ug/l

RT: 12.997 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VD071114.D

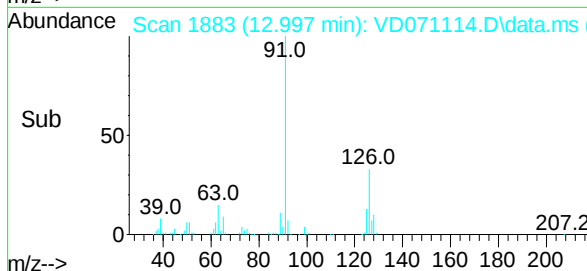
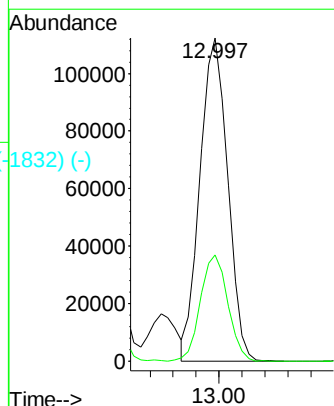
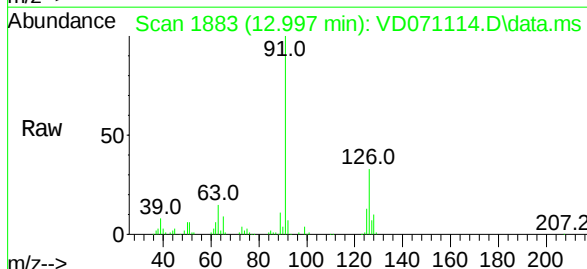
Acq: 02 Dec 2021 13:12

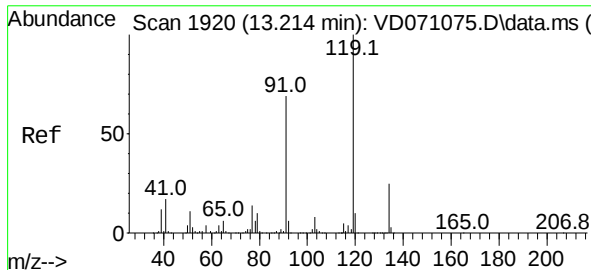
Tgt Ion: 91 Resp: 188177

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.1

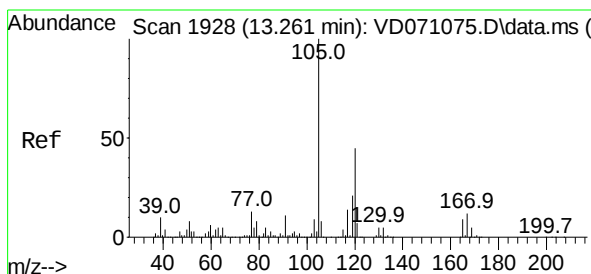
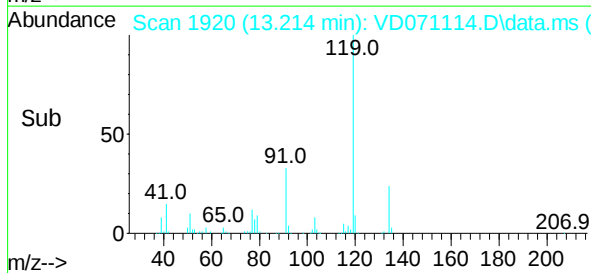
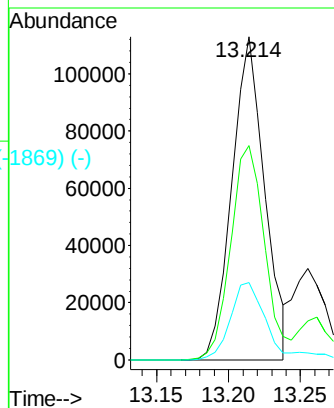
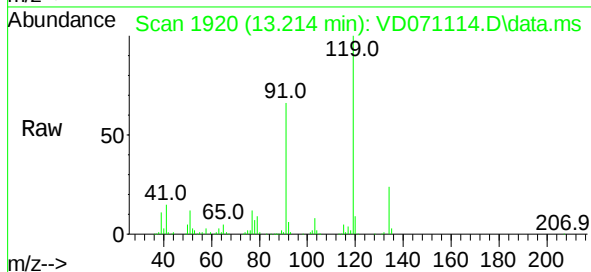




tert-Butylbenzene
Concen: 18.52 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

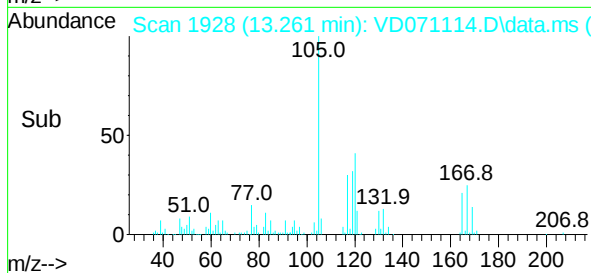
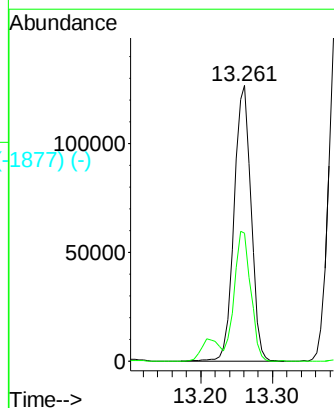
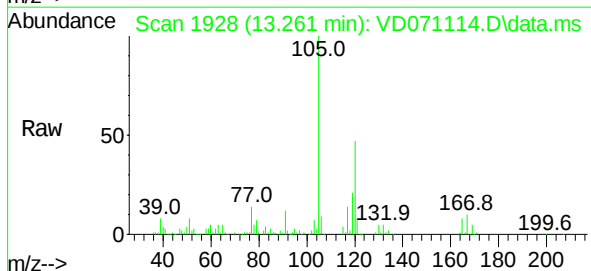
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	119	Resp:	179284
Ion	Ratio	Lower	Upper
119	100		
91	69.2	32.5	97.5
134	26.9	13.2	39.6

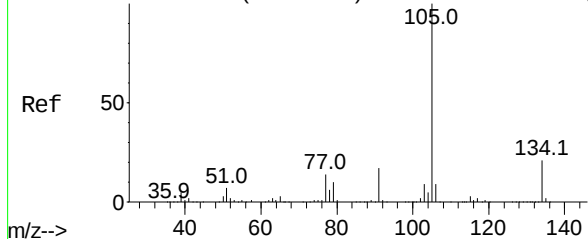


1,2,4-Trimethylbenzene
Concen: 18.88 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion:	105	Resp:	207840
Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.7



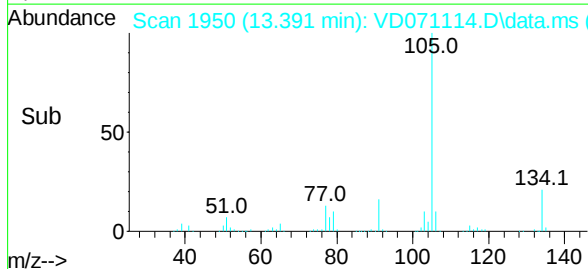
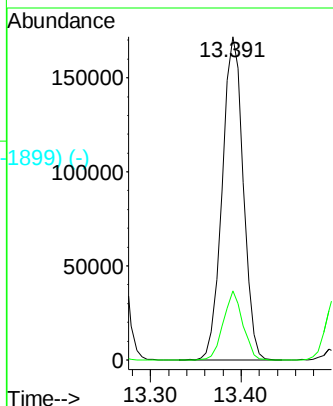
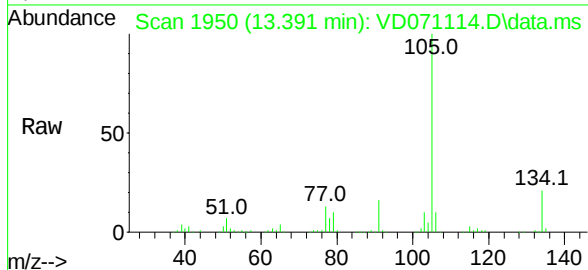
Abundance Scan 1950 (13.391 min): VD071075.D\data.ms (-1985) (-)



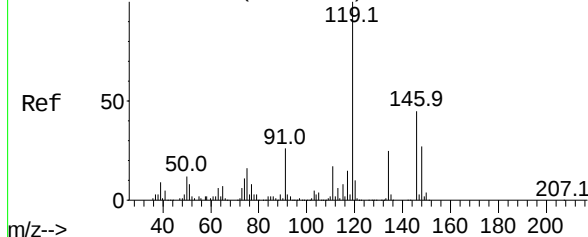
sec-Butylbenzene
Concen: 18.66 ug/l
RT: 13.391 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 275896
Ion Ratio Lower Upper
105 100
134 19.7 9.7 28.9

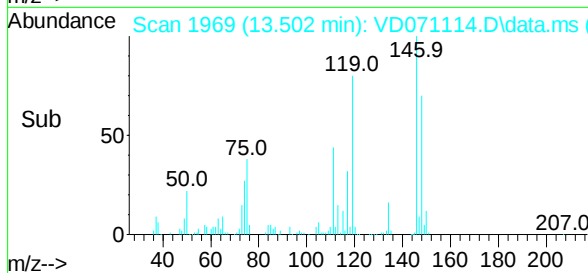
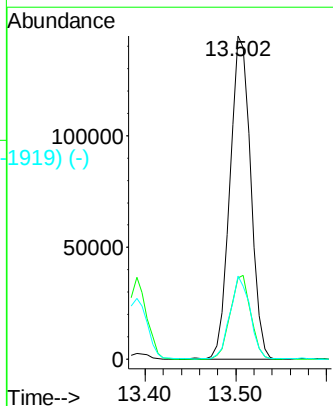
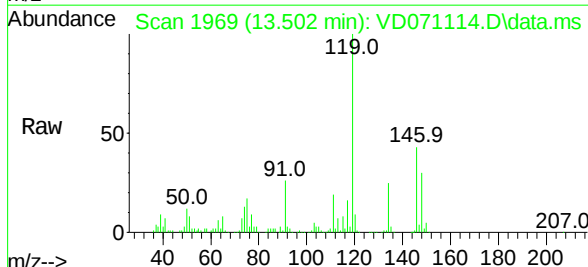


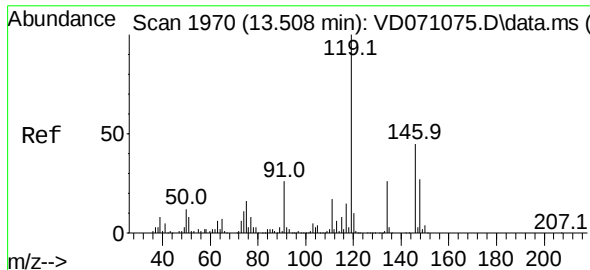
Abundance Scan 1970 (13.508 min): VD071075.D\data.ms (-1986) (-)



p-Isopropyltoluene
Concen: 18.98 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion:119 Resp: 229496
Ion Ratio Lower Upper
119 100
134 25.3 13.0 38.9
91 25.1 11.4 34.2

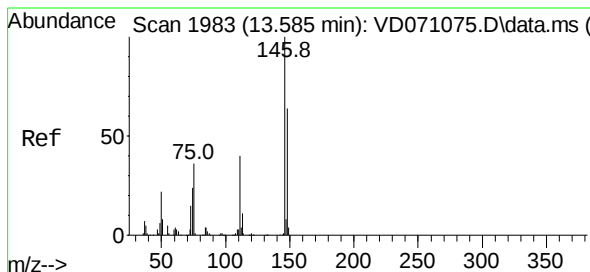
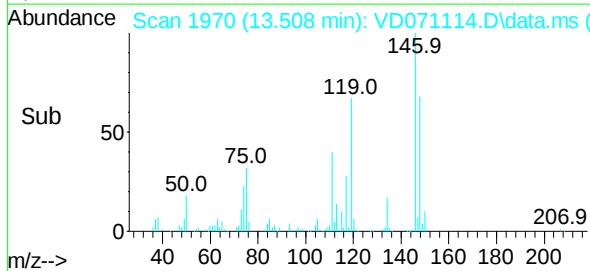
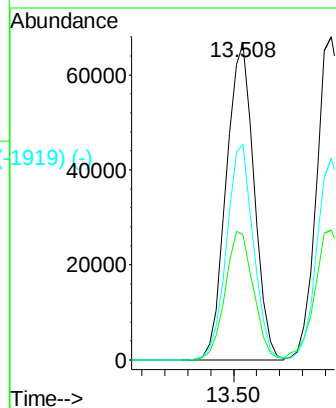
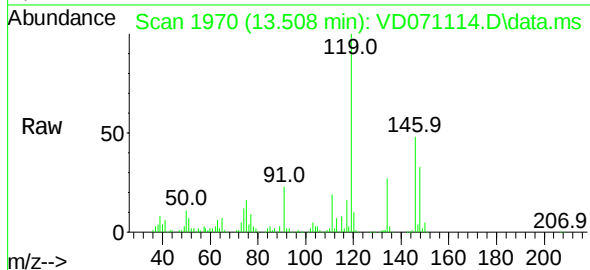




1,3-Dichlorobenzene
Concen: 18.94 ug/l
RT: 13.508 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

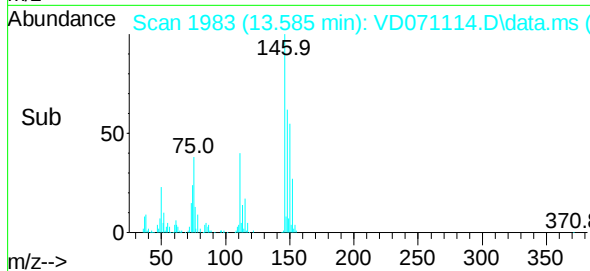
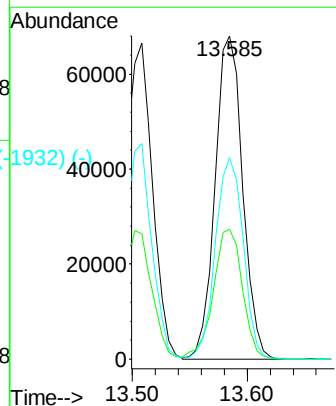
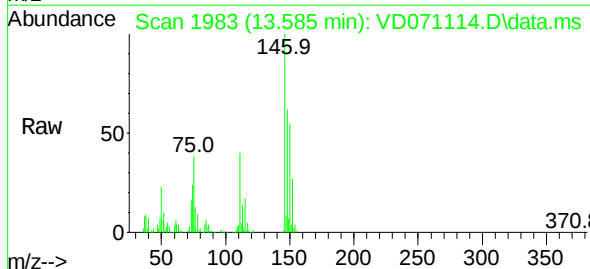
Instrument :
MSVOA_D
ClientSampleId :

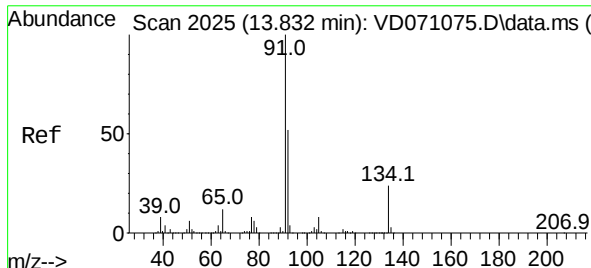
Tgt Ion:	146	Resp:	111663
Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.8	59.4
148	65.9	32.1	96.3



1,4-Dichlorobenzene
Concen: 19.43 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion:	146	Resp:	113454
Ion	Ratio	Lower	Upper
146	100		
111	42.4	19.6	58.8
148	63.0	31.5	94.5

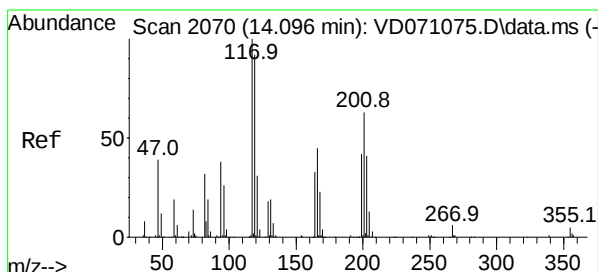
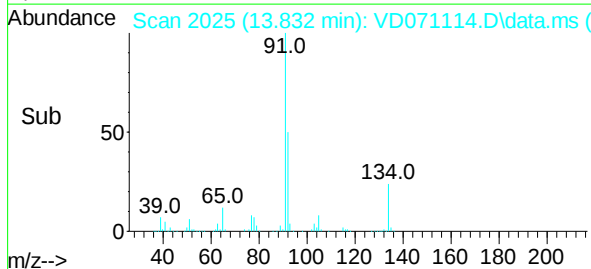
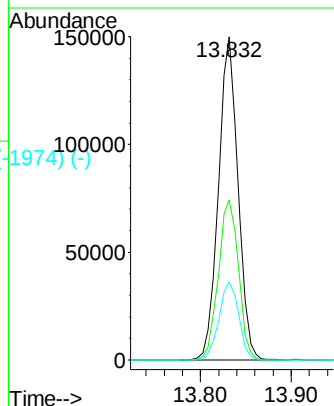
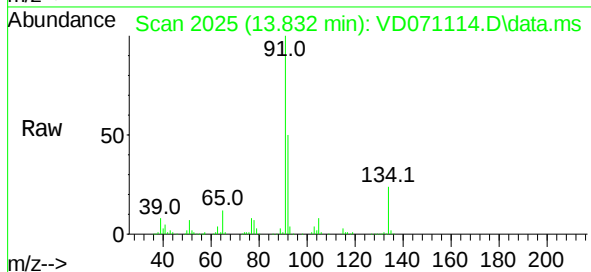




n-Butylbenzene
Concen: 18.98 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

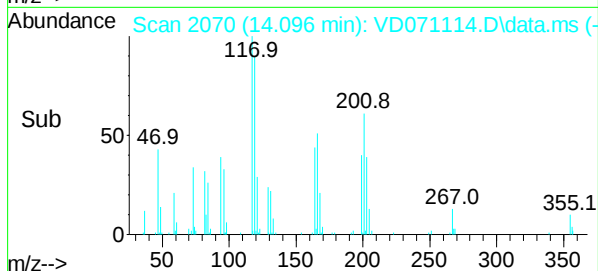
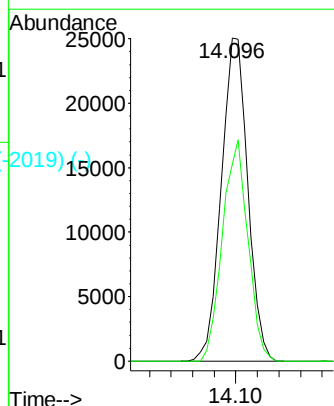
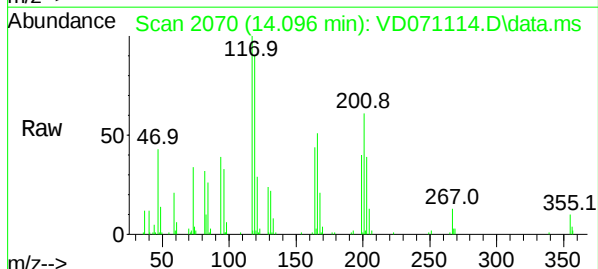
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	91	Resp:	224031
Ion	Ratio	Lower	Upper
91	100		
92	51.0	27.3	81.9
134	24.5	12.3	36.9



Hexachloroethane
Concen: 18.84 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion:	117	Resp:	43189
Ion	Ratio	Lower	Upper
117	100		
201	65.7	36.0	108.1



Abundance Scan 2033 (13.879 min): VD071075.D\data.ms (-2024) (-)

1,2-Dichlorobenzene

Concen: 19.52 ug/l

RT: 13.879 min Scan# 211

Delta R.T. -0.000 min

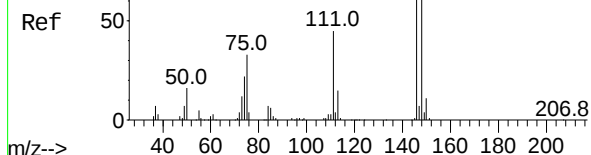
Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :



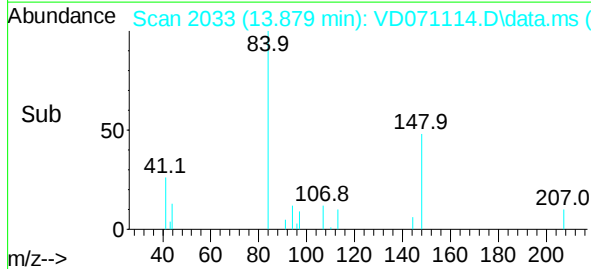
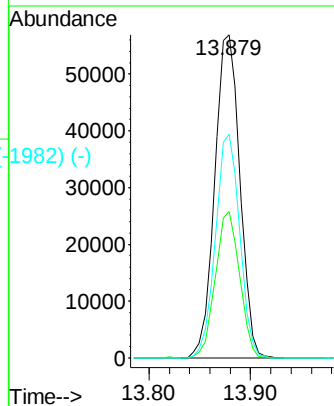
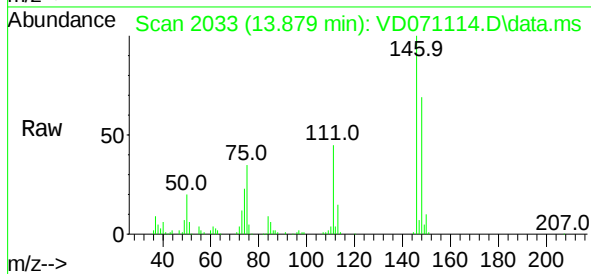
Tgt Ion:146 Resp: 97838

Ion Ratio Lower Upper

146 100

111 43.8 20.8 62.2

148 66.6 31.7 95.1



Abundance Scan 2137 (14.491 min): VD071075.D\data.ms (-2129) (-)

1,2-Dibromo-3-Chloropropane

Concen: 18.64 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. -0.006 min

Lab File: VD071114.D

Acq: 02 Dec 2021 13:12

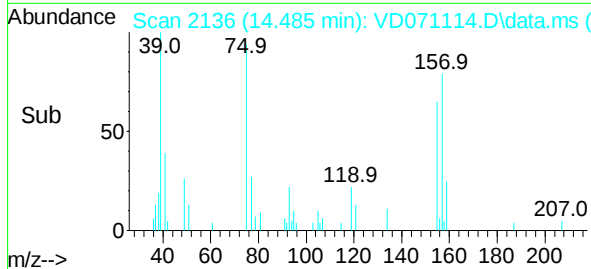
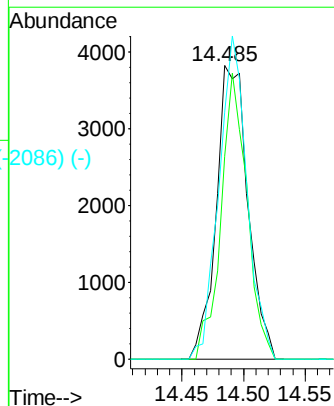
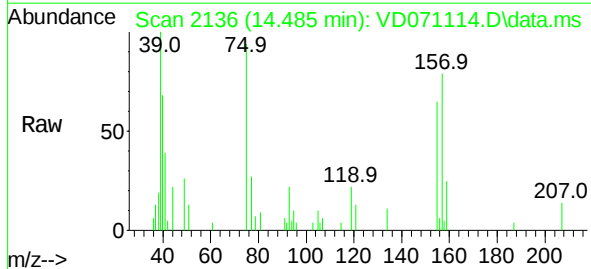
Tgt Ion: 75 Resp: 6832

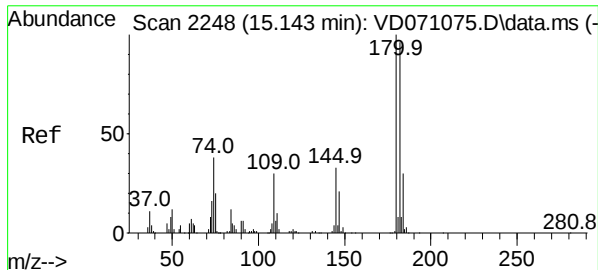
Ion Ratio Lower Upper

75 100

155 80.0 40.0 120.0

157 98.0 49.8 149.3

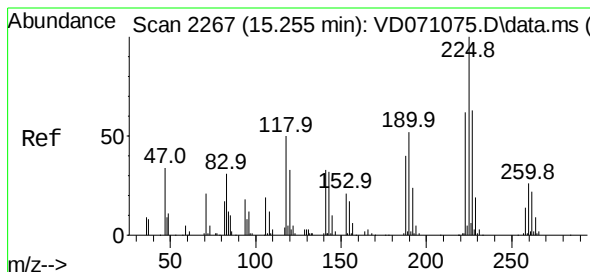
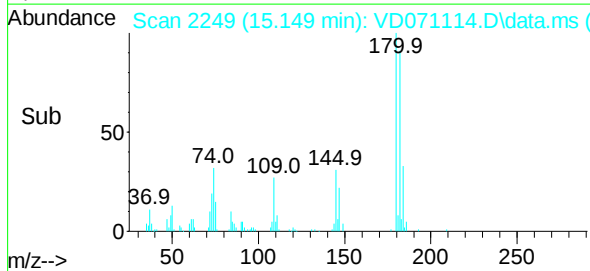
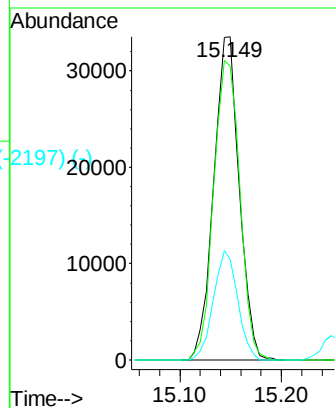
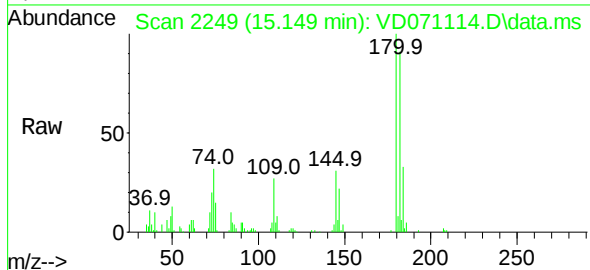




1,2,4-Trichlorobenzene
Concen: 18.74 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.006 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

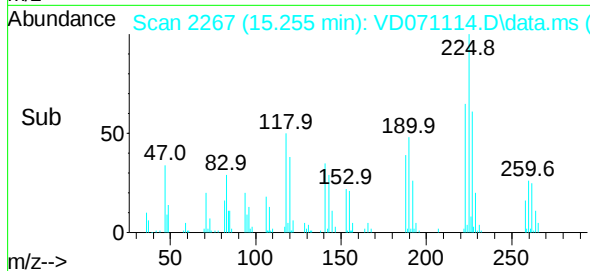
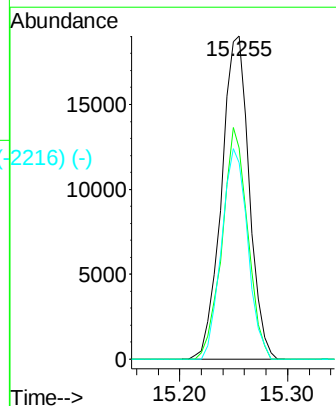
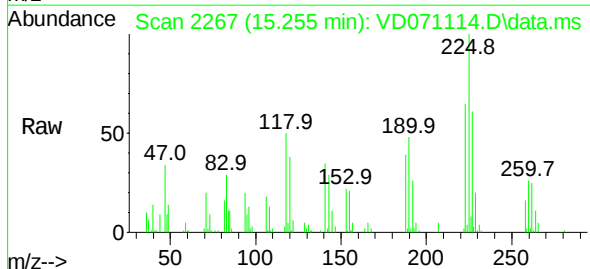
Instrument :
MSVOA_D
ClientSampleId :

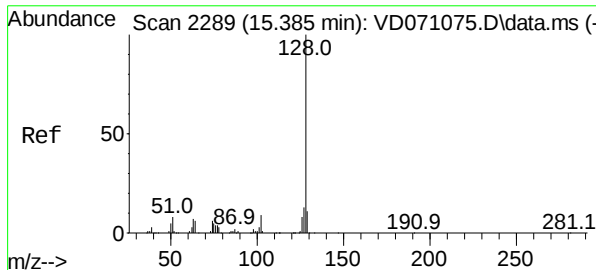
Tgt Ion:180 Resp: 58609
Ion Ratio Lower Upper
180 100
182 94.8 48.2 144.6
145 32.0 15.4 46.2



Hexachlorobutadiene
Concen: 19.32 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion:225 Resp: 34171
Ion Ratio Lower Upper
225 100
223 66.1 31.8 95.3
227 61.6 31.6 94.8

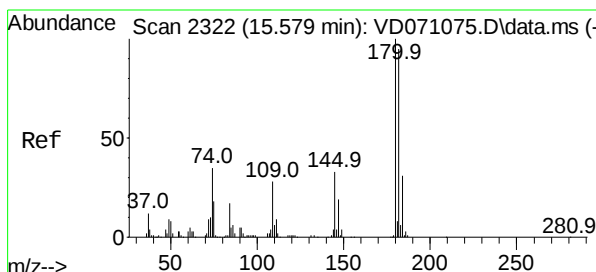
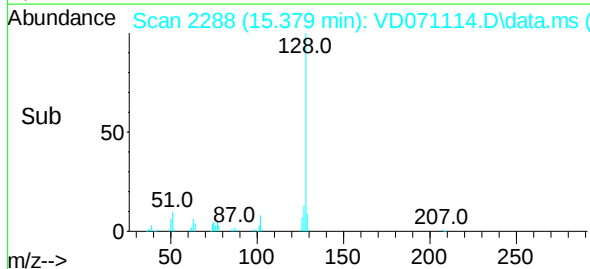
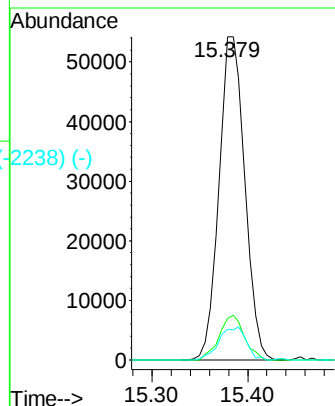
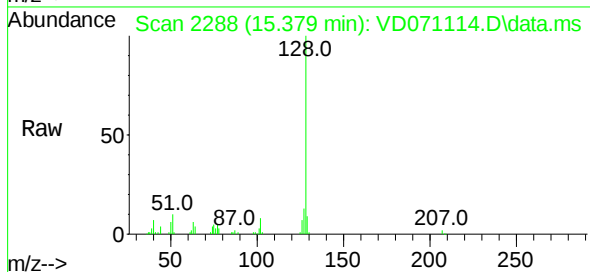




Naphthalene
Concen: 18.38 ug/l
RT: 15.379 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	101298
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.8	8.7	13.1



1,2,3-Trichlorobenzene
Concen: 19.24 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071114.D
Acq: 02 Dec 2021 13:12

Tgt Ion:	180	Resp:	51089
Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.7	140.1
145	32.6	15.9	47.6

