

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071112.D
 Acq On : 02 Dec 2021 11:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 03 00:35:00 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	273943	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	449889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	412428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	197012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159343	49.57	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	99.14%	
35) Dibromofluoromethane	7.914	113	148337	51.78	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	103.56%	
50) Toluene-d8	10.332	98	536772	49.24	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.626	95	191801	50.75	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	101.50%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	114893	49.18	ug/l	99
3) Chloromethane	2.209	50	172464	55.80	ug/l	100
4) Vinyl Chloride	2.350	62	196328	56.94	ug/l	97
5) Bromomethane	2.773	94	129041	51.92	ug/l	97
6) Chloroethane	2.926	64	142685	60.17	ug/l	91
7) Trichlorofluoromethane	3.279	101	255689	54.74	ug/l	98
8) Diethyl Ether	3.709	74	67370	53.20	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	153695	55.77	ug/l	95
10) Methyl Iodide	4.297	142	139001	43.99	ug/l	95
11) Tert butyl alcohol	5.208	59	57673	286.71	ug/l #	84
12) 1,1-Dichloroethene	4.073	96	133742	52.59	ug/l	88
13) Acrolein	3.920	56	50213	228.59	ug/l	93
14) Allyl chloride	4.714	41	262384	54.32	ug/l #	82
15) Acrylonitrile	5.420	53	172885	280.73	ug/l	96
16) Acetone	4.156	43	211448	248.01	ug/l	92
17) Carbon Disulfide	4.414	76	383261	51.47	ug/l	100
18) Methyl Acetate	4.714	43	122678	51.73	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	345334	55.41	ug/l	95
20) Methylene Chloride	4.967	84	163656	50.50	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	153291	53.55	ug/l	92
22) Diisopropyl ether	6.361	45	551075	56.94	ug/l	94
23) Vinyl Acetate	6.303	43	1312484	250.69	ug/l	98
24) 1,1-Dichloroethane	6.261	63	309943	55.68	ug/l	97
25) 2-Butanone	7.203	43	244926	248.63	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	262463	51.85	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	178899	55.24	ug/l	91
28) Bromochloromethane	7.544	49	117489	48.59	ug/l	89
29) Tetrahydrofuran	7.555	42	142882	279.93	ug/l	94
30) Chloroform	7.708	83	319443	57.18	ug/l	99
31) Cyclohexane	7.985	56	278370	50.91	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	280531	55.93	ug/l	94
36) 1,1-Dichloropropene	8.108	75	237961	56.59	ug/l	97
37) Ethyl Acetate	7.285	43	105274	57.96	ug/l #	92
38) Carbon Tetrachloride	8.091	117	243039	58.64	ug/l	98
39) Methylcyclohexane	9.349	83	279044	55.17	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071112.D
 Acq On : 02 Dec 2021 11:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 03 00:35:00 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)
40) Benzene	8.350	78	650193	56.93	ug/l	99
41) Methacrylonitrile	7.514	41	55277	60.41	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	203690	58.43	ug/l	95
43) Isopropyl Acetate	8.450	43	209514	52.17	ug/l	90
44) Trichloroethene	9.108	130	169656	55.71	ug/l	91
45) 1,2-Dichloropropane	9.379	63	176286	58.69	ug/l	98
46) Dibromomethane	9.473	93	89293	57.30	ug/l	95
47) Bromodichloromethane	9.655	83	242747	58.90	ug/l #	96
48) Methyl methacrylate	9.449	41	101820	57.27	ug/l #	78
49) 1,4-Dioxane	9.455	88	19348	1286.20	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	526488	256.19	ug/l	91
52) Toluene	10.396	92	418860	57.80	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	215909	56.98	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	253697	56.37	ug/l #	81
55) 1,1,2-Trichloroethane	10.796	97	118291	57.86	ug/l	98
56) Ethyl methacrylate	10.655	69	147885	50.22	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	212548	59.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	337091	242.32	ug/l	100
59) 2-Hexanone	10.979	43	380958	247.29	ug/l	90
60) Dibromochloromethane	11.132	129	150537	59.25	ug/l	100
61) 1,2-Dibromoethane	11.238	107	111664	56.87	ug/l	99
64) Tetrachloroethene	10.873	164	143680	54.88	ug/l	95
65) Chlorobenzene	11.661	112	438539	57.31	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	161468	57.79	ug/l	97
67) Ethyl Benzene	11.738	91	816136	56.65	ug/l	99
68) m/p-Xylenes	11.849	106	620120	114.02	ug/l	96
69) o-Xylene	12.173	106	292516	57.23	ug/l	98
70) Styrene	12.185	104	501912	58.26	ug/l	98
71) Bromoform	12.349	173	81474	56.29	ug/l	97
73) Isopropylbenzene	12.473	105	789108	55.32	ug/l	99
74) N-amyl acetate	12.279	43	192910	49.46	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	131687	56.06	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	173775	92.58	ug/l	38
77) Bromobenzene	12.755	156	172772	55.92	ug/l	99
78) n-propylbenzene	12.814	91	985638	55.48	ug/l	100
79) 2-Chlorotoluene	12.902	91	551258	55.29	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	655696	55.74	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	37701	47.33	ug/l #	80
82) 4-Chlorotoluene	12.996	91	566825	54.76	ug/l	100
83) tert-Butylbenzene	13.214	119	559688	55.40	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	656071	57.13	ug/l	98
85) sec-Butylbenzene	13.390	105	873643	56.62	ug/l	99
86) p-Isopropyltoluene	13.508	119	716365	56.76	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	355716	57.83	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	340990	55.96	ug/l	98
89) n-Butylbenzene	13.832	91	707986	57.47	ug/l	98
90) Hexachloroethane	14.102	117	134350	56.16	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	301836	57.70	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	22256	58.18	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	190122	58.27	ug/l	98
94) Hexachlorobutadiene	15.255	225	105352	57.07	ug/l	99
95) Naphthalene	15.384	128	331908	57.71	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
Data File : VD071112.D
Acq On : 02 Dec 2021 11:37
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

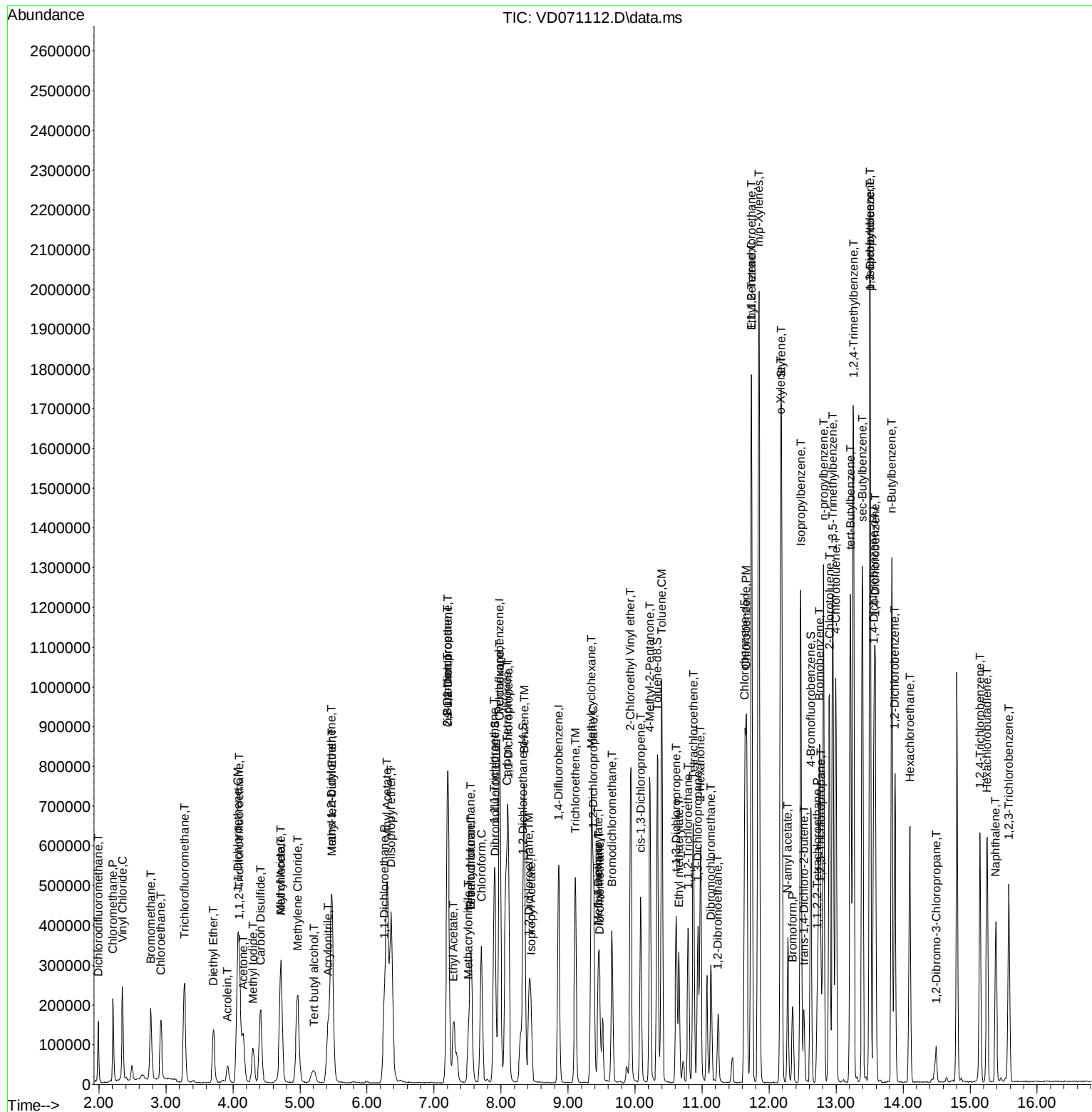
Quant Time: Dec 03 00:35:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : Sw846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.579	180	162335	58.58	ug/l	98

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

Instrument :
MSVOA_D
ClientSampleId :

Instrument :
MSVOA_D
ClientSampleId :



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: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:168 Resp: 273943

Ion Ratio Lower Upper

168 100

99 62.4 46.6 69.8

Abundance Scan 1029 (7.973 min): VD071112.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 1029 (7.973 min): VD071112.D\data.ms (-980) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance

7.973

100000

50000

0

Time-->

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

Dichlorodifluoromethane

Concen: 49.18 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Tgt Ion: 85 Resp: 114893

Ion Ratio Lower Upper

85 100

87 31.1 15.2 45.6

Abundance Scan 12 (1.991 min): VD071112.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 12 (1.991 min): VD071112.D\data.ms (-1) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance

1.991

80000

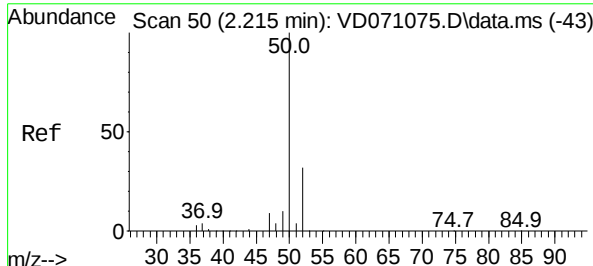
60000

40000

20000

0

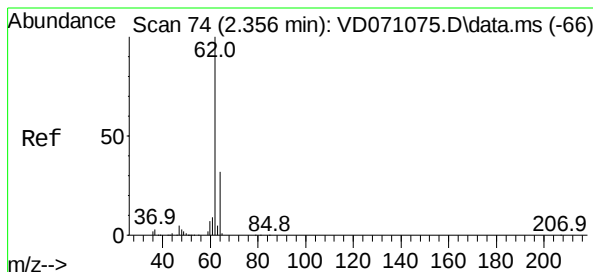
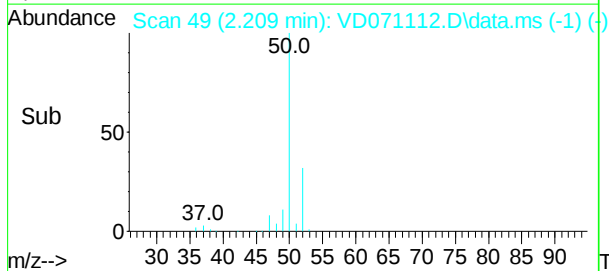
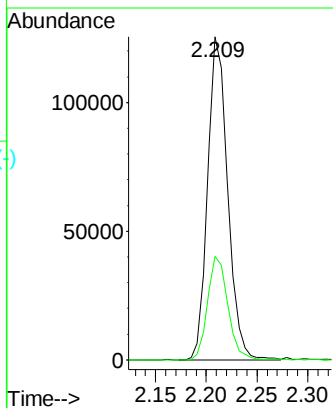
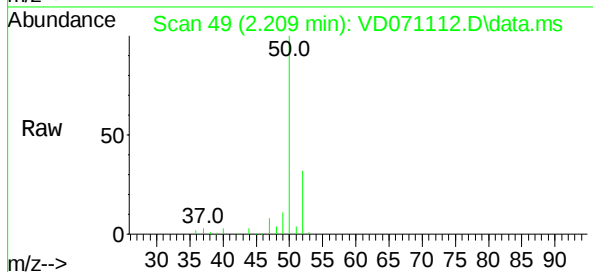
Time-->



(#3)
Chloromethane
Concen: 55.80 ug/l
RT: 2.209 min Scan# 4
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

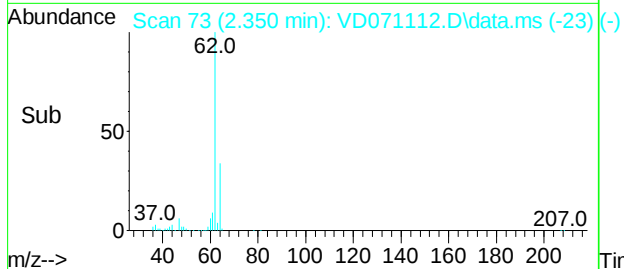
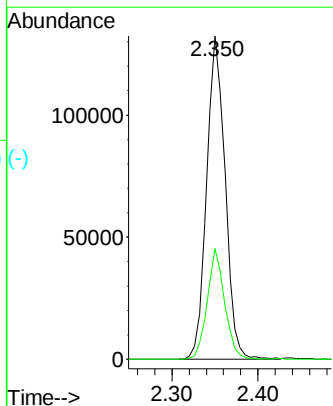
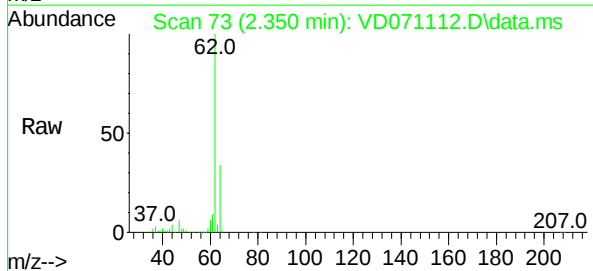
Instrument :
MSVOA_D
ClientSampleId :

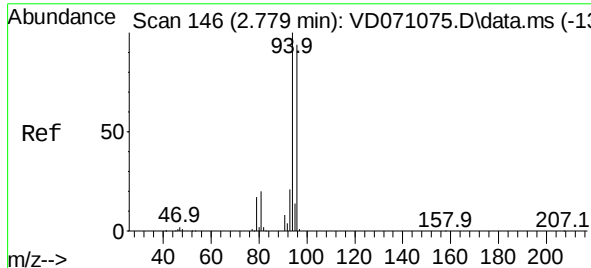
Tgt Ion: 50 Resp: 172464
Ion Ratio Lower Upper
50 100
52 32.1 25.8 38.8



(#4)
Vinyl Chloride
Concen: 56.94 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion: 62 Resp: 196328
Ion Ratio Lower Upper
62 100
64 34.2 26.0 39.0





Bromomethane

Concen: 51.92 ug/l

RT: 2.773 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

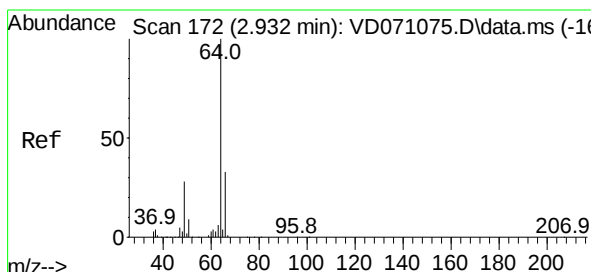
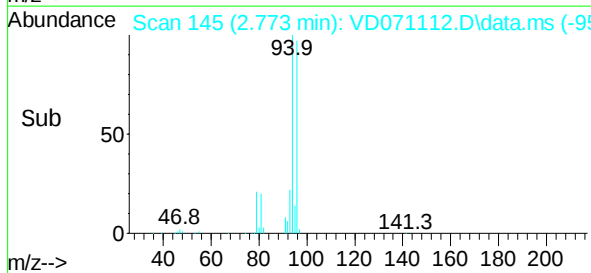
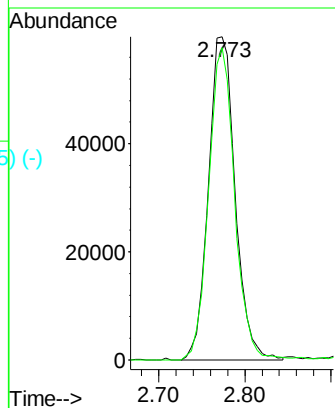
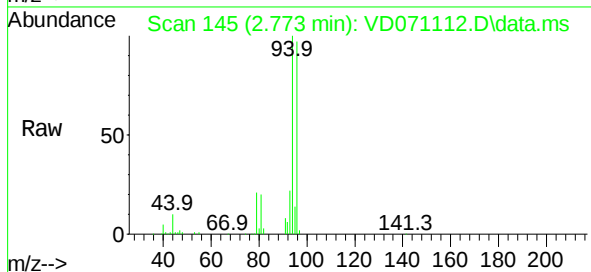
ClientSampleId :

Tgt Ion: 94 Resp: 129041

Ion Ratio Lower Upper

94 100

96 96.6 74.8 112.2



Chloroethane

Concen: 60.17 ug/l

RT: 2.926 min Scan# 171

Delta R.T. -0.006 min

Lab File: VD071112.D

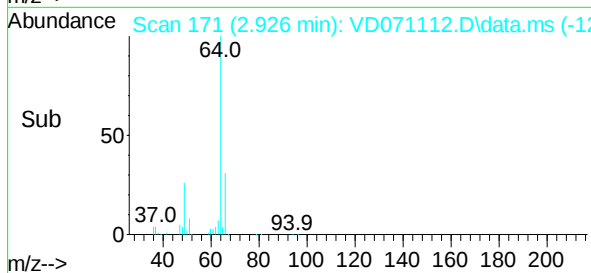
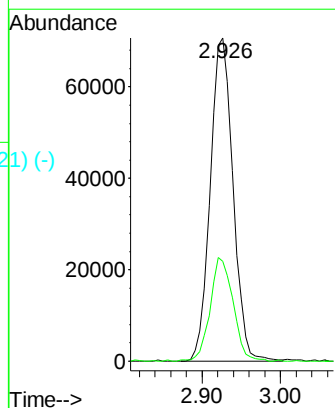
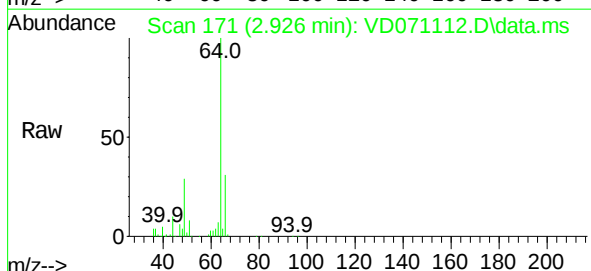
Acq: 02 Dec 2021 11:37

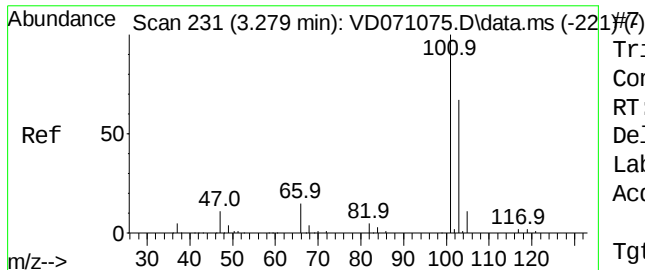
Tgt Ion: 64 Resp: 142685

Ion Ratio Lower Upper

64 100

66 30.9 29.0 43.4

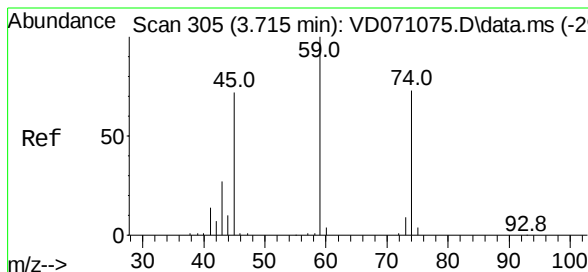
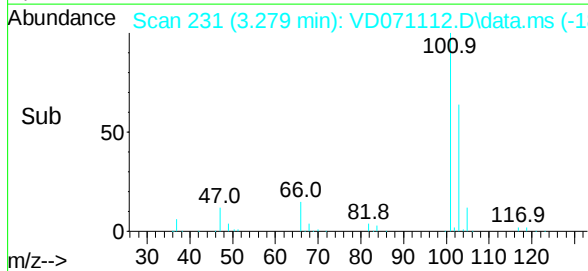
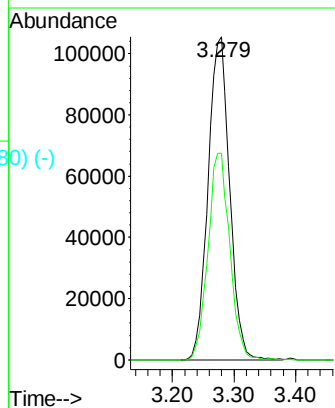
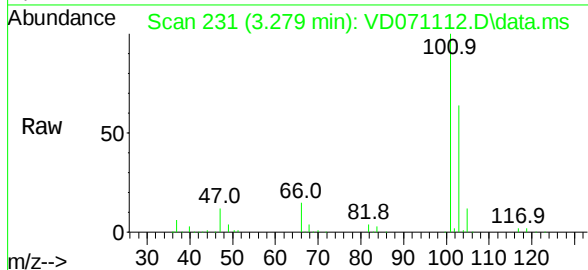




Trichlorofluoromethane
 Concen: 54.74 ug/l
 RT: 3.279 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VD071112.D
 Acq: 02 Dec 2021 11:37

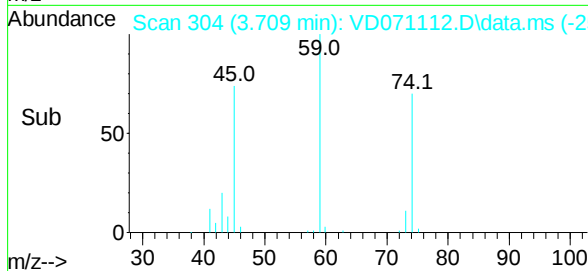
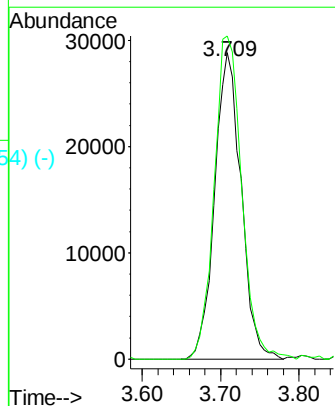
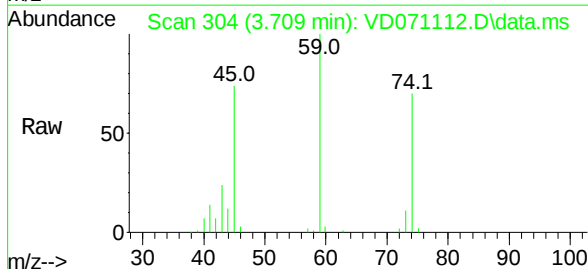
Instrument :
 MSVOA_D
 ClientSampleId :

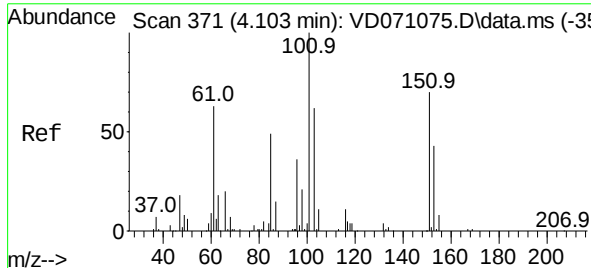
Tgt Ion:101 Resp: 255689
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.7 74.5



Diethyl Ether
 Concen: 53.20 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD071112.D
 Acq: 02 Dec 2021 11:37

Tgt Ion: 74 Resp: 67370
 Ion Ratio Lower Upper
 74 100
 45 110.0 49.6 149.0





1,1,2-Trichlorotrifluoroethane

Concen: 55.77 ug/l

RT: 4.097 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :

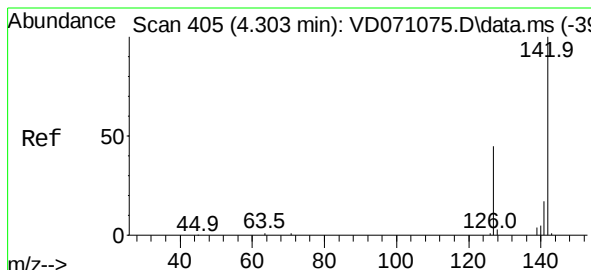
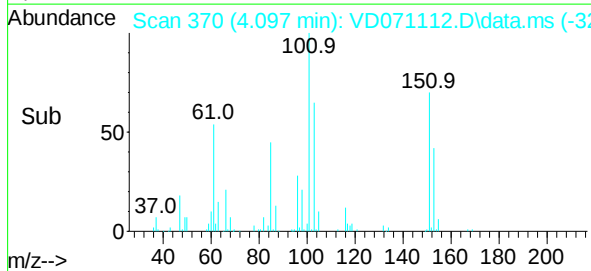
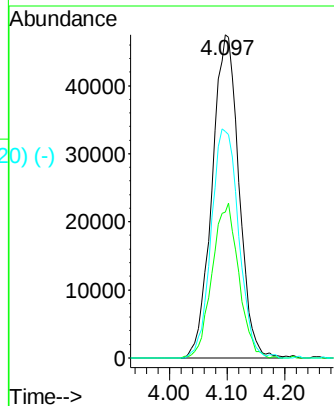
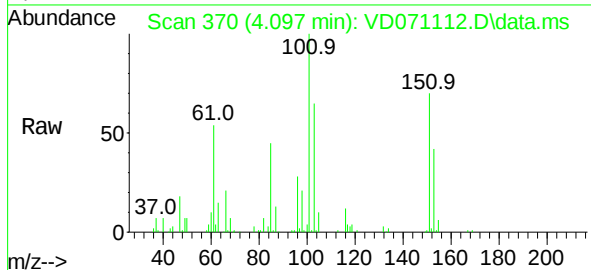
Tgt Ion:101 Resp: 153695

Ion Ratio Lower Upper

101 100

85 47.2 34.8 52.2

151 72.1 60.4 90.6



Methyl Iodide

Concen: 43.99 ug/l

RT: 4.297 min Scan# 404

Delta R.T. -0.006 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

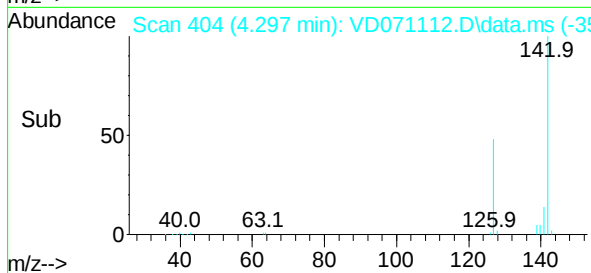
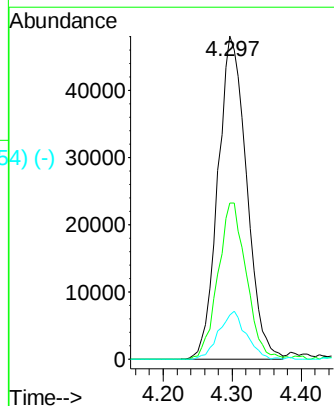
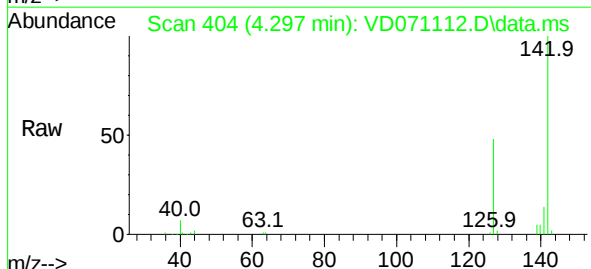
Tgt Ion:142 Resp: 139001

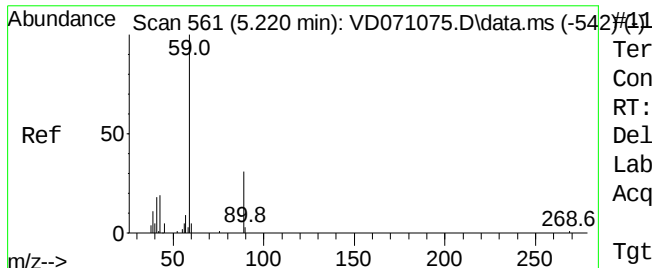
Ion Ratio Lower Upper

142 100

127 47.7 35.0 52.4

141 14.0 12.0 18.0

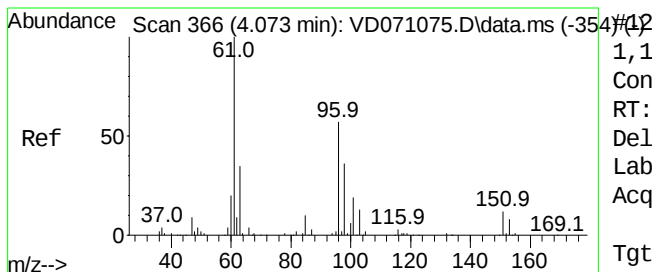
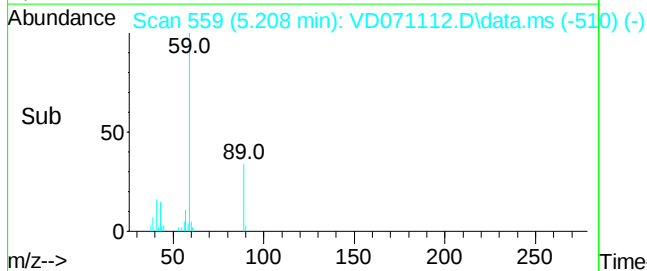
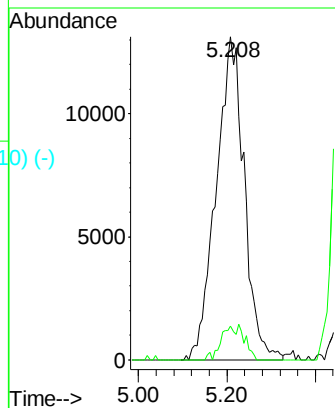
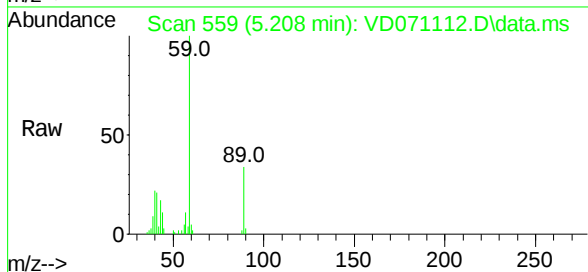




Tert butyl alcohol
Concen: 286.71 ug/l
RT: 5.208 min Scan# 366
Delta R.T. -0.011 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

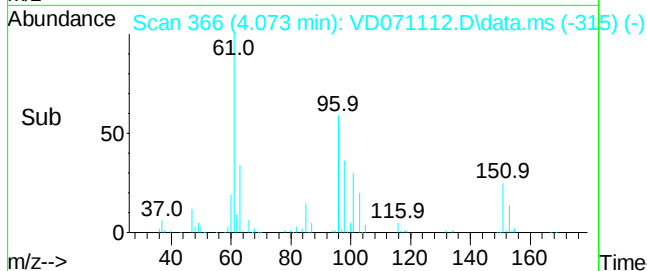
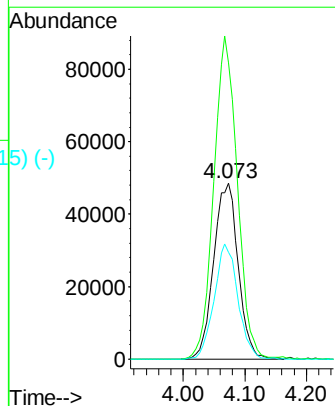
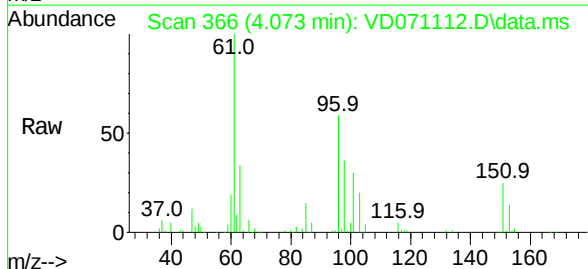
Instrument :
MSVOA_D
ClientSampleId :

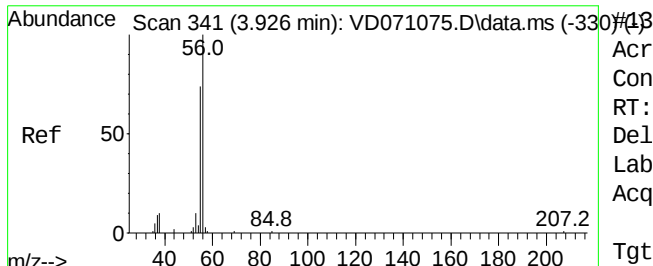
Tgt Ion: 59 Resp: 57673
Ion Ratio Lower Upper
59 100
57 5.2 9.0 13.4#



1,1-Dichloroethene
Concen: 52.59 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion: 96 Resp: 133742
Ion Ratio Lower Upper
96 100
61 168.1 120.3 180.5
98 60.8 54.4 81.6





Acrolein

Concen: 228.59 ug/l

RT: 3.920 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

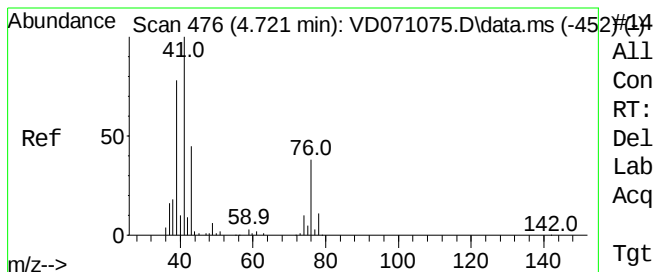
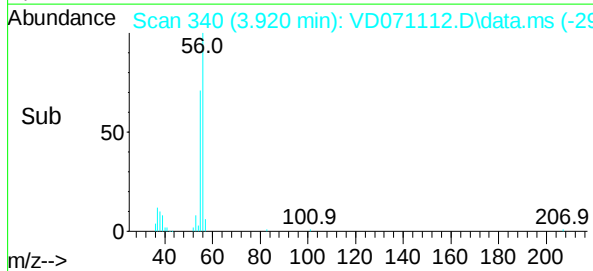
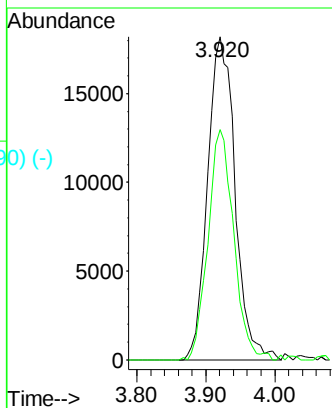
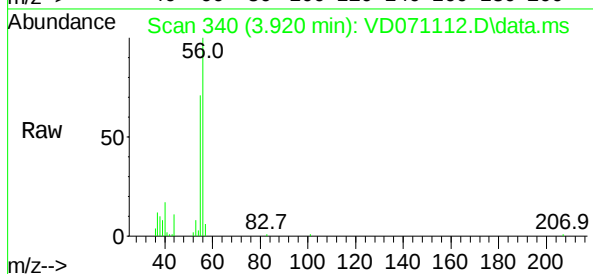
ClientSampleId :

Tgt Ion: 56 Resp: 50213

Ion Ratio Lower Upper

56 100

55 66.9 58.6 87.8



Allyl chloride

Concen: 54.32 ug/l

RT: 4.714 min Scan# 475

Delta R.T. -0.007 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

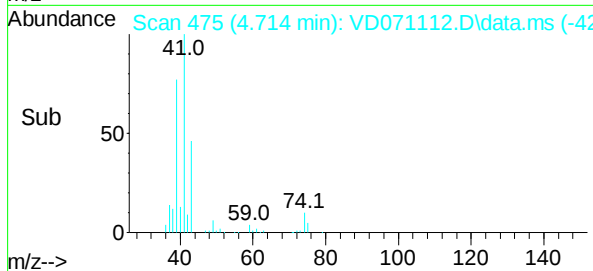
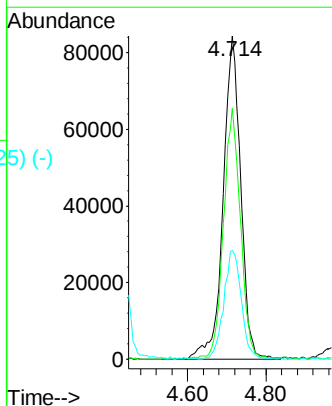
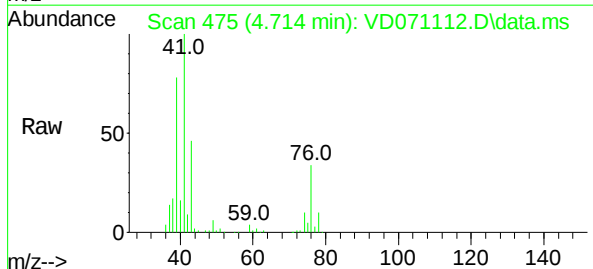
Tgt Ion: 41 Resp: 262384

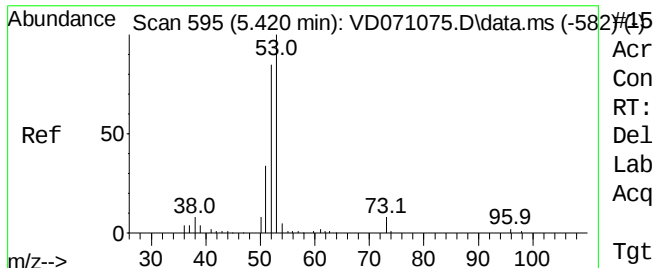
Ion Ratio Lower Upper

41 100

39 75.3 45.6 68.4#

76 33.7 30.2 45.4





Acrylonitrile

Concen: 280.73 ug/l

RT: 5.420 min Scan# 15

Delta R.T. 0.000 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :

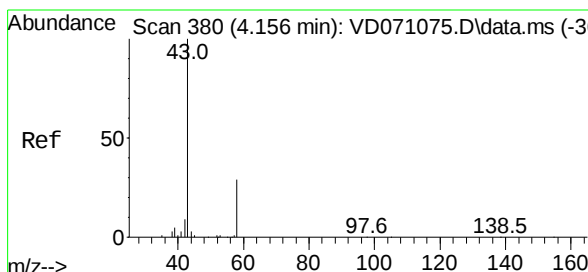
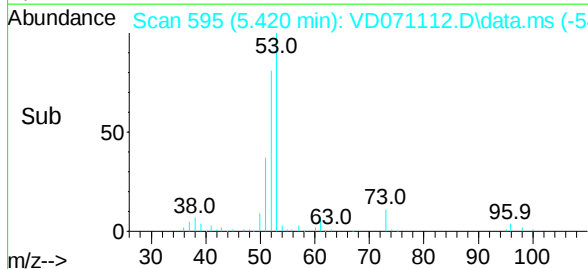
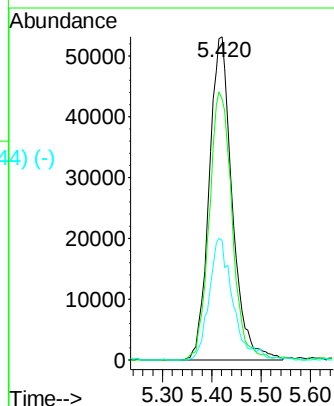
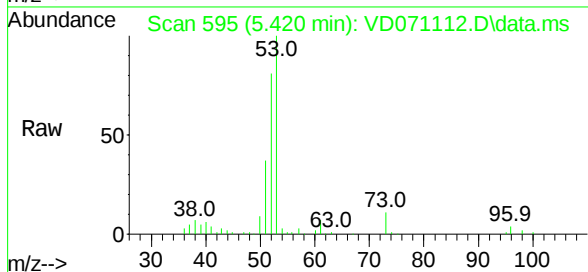
Tgt Ion: 53 Resp: 172885

Ion Ratio Lower Upper

53 100

52 82.4 63.8 95.8

51 38.6 28.5 42.7



Acetone

Concen: 248.01 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD071112.D

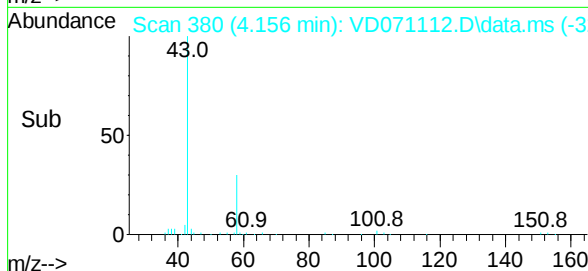
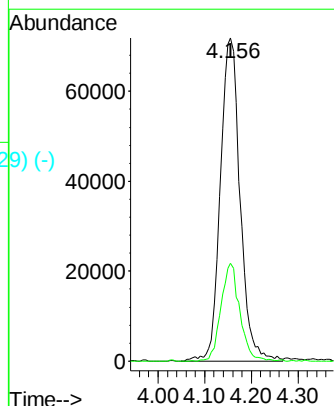
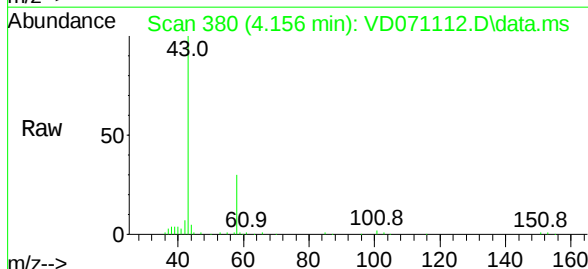
Acq: 02 Dec 2021 11:37

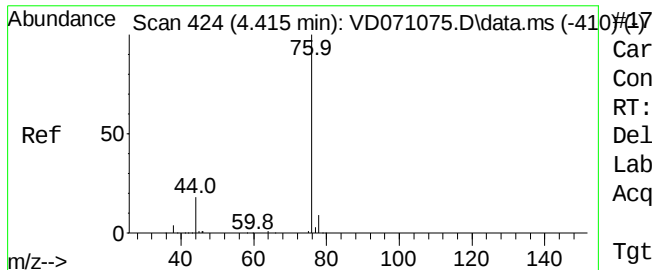
Tgt Ion: 43 Resp: 211448

Ion Ratio Lower Upper

43 100

58 30.2 27.8 41.8





Carbon Disulfide

Concen: 51.47 ug/l

RT: 4.414 min Scan# 417

Delta R.T. -0.001 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

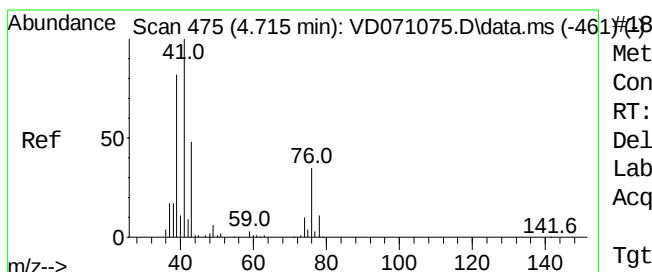
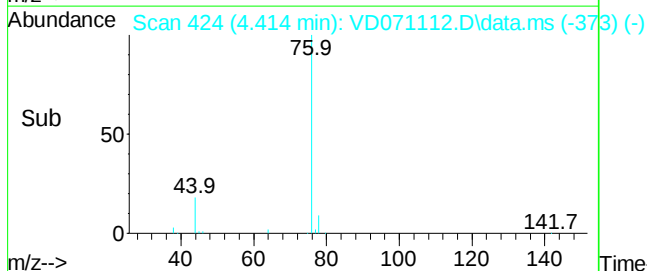
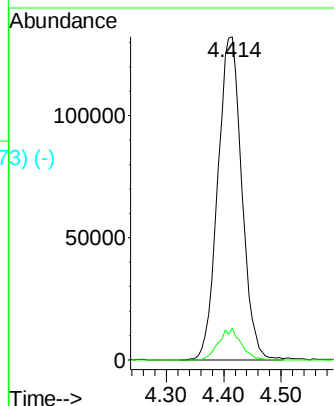
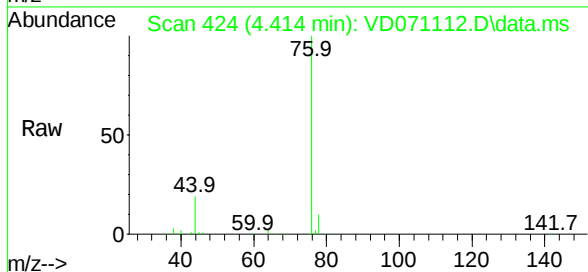
ClientSampleId :

Tgt Ion: 76 Resp: 383261

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.8



Methyl Acetate

Concen: 51.73 ug/l

RT: 4.714 min Scan# 475

Delta R.T. -0.001 min

Lab File: VD071112.D

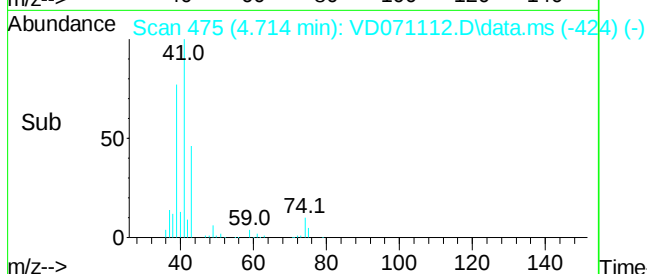
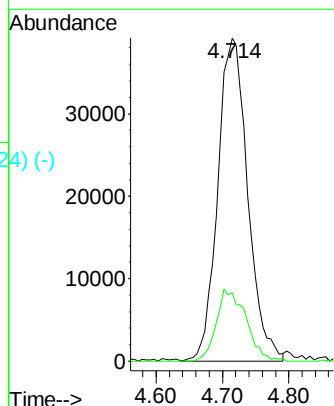
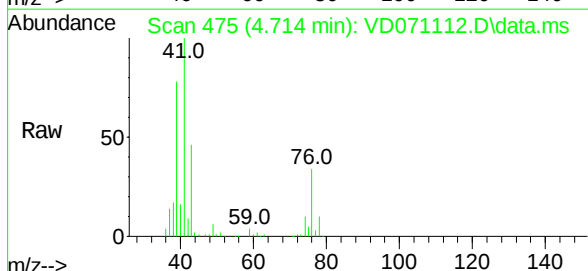
Acq: 02 Dec 2021 11:37

Tgt Ion: 43 Resp: 122678

Ion Ratio Lower Upper

43 100

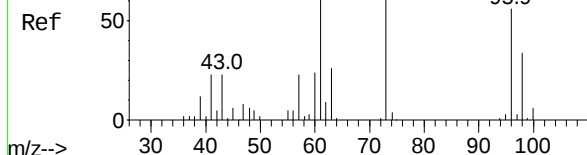
74 21.9 19.3 28.9



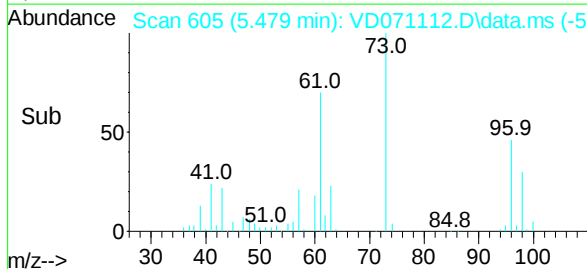
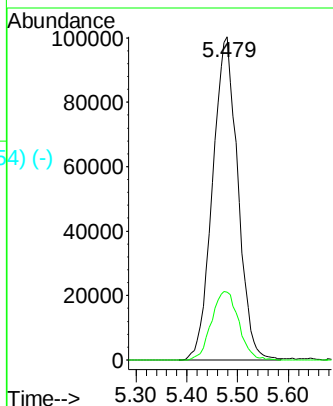
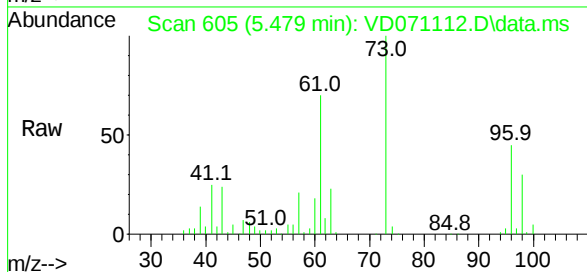
Abundance Scan 605 (5.479 min): VD071075.D\data.ms (-589) #19

Methyl tert-butyl Ether
Concen: 55.41 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :



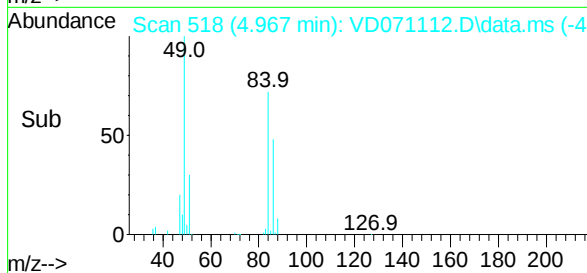
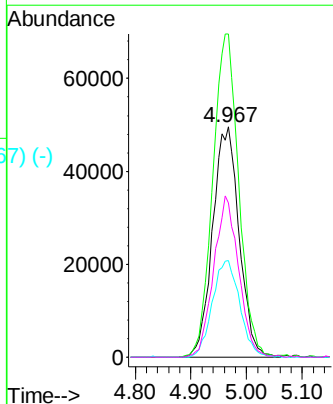
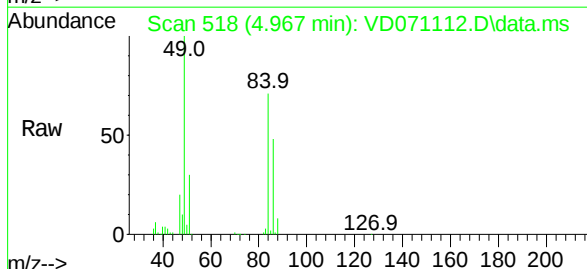
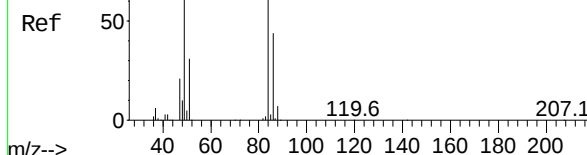
Tgt Ion: 73 Resp: 345334
Ion Ratio Lower Upper
73 100
57 20.9 18.9 28.3



Abundance Scan 518 (4.968 min): VD071075.D\data.ms (-503) #20

Methylene Chloride
Concen: 50.50 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

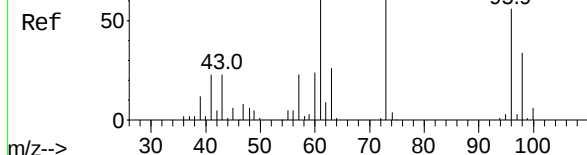
Tgt Ion: 84 Resp: 163656
Ion Ratio Lower Upper
84 100
49 140.4 95.8 143.6
51 42.0 30.9 46.3
86 67.0 50.3 75.5



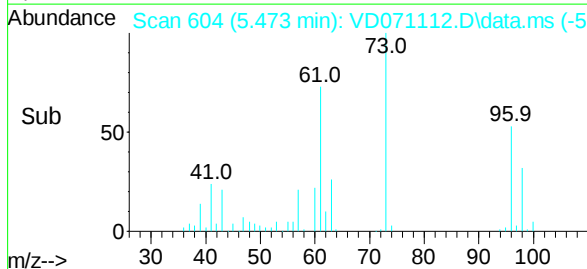
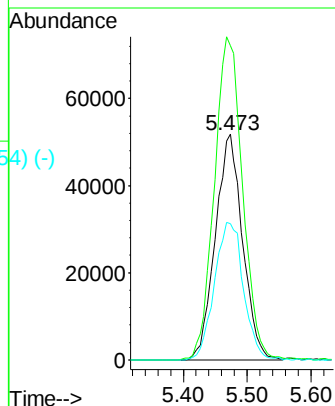
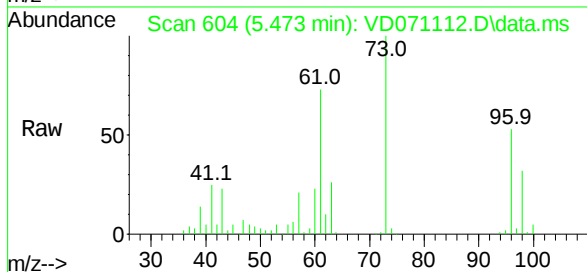
Abundance Scan 605 (5.479 min): VD071075.D\data.ms (-590) #21

trans-1,2-Dichloroethene
Concen: 53.55 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :



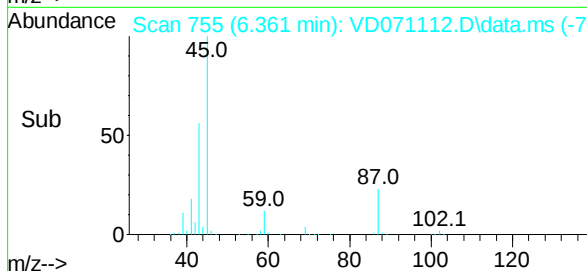
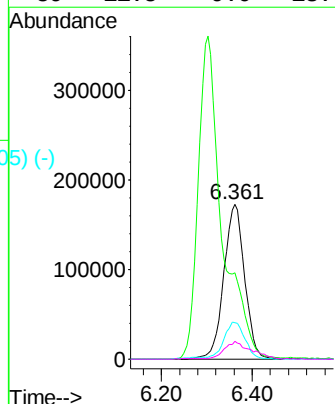
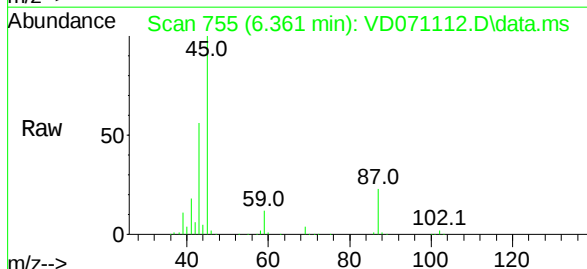
Tgt Ion:	96	Resp:	153291
Ion	Ratio	Lower	Upper
96	100		
61	139.1	102.1	153.1
98	60.4	50.1	75.1

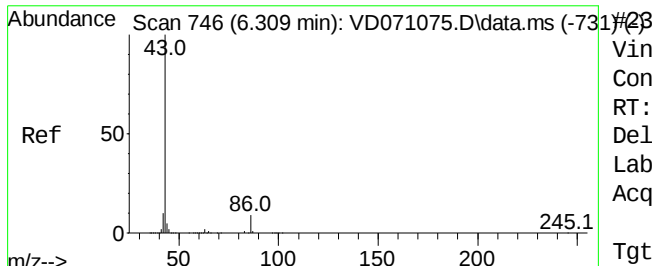


Abundance Scan 756 (6.367 min): VD071075.D\data.ms (-737) #22

Diisopropyl ether
Concen: 56.94 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion:	45	Resp:	551075
Ion	Ratio	Lower	Upper
45	100		
43	54.8	39.6	59.4
87	23.3	21.2	31.8
59	11.5	9.0	13.6





Vinyl Acetate

Concen: 250.69 ug/l

RT: 6.303 min Scan#

Delta R.T. -0.006 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

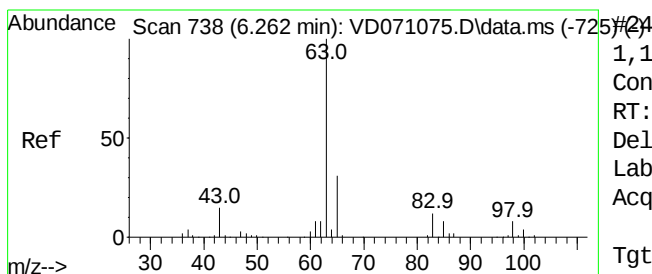
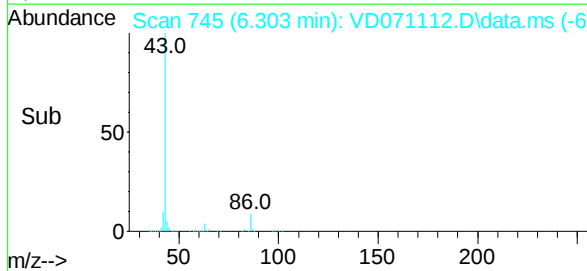
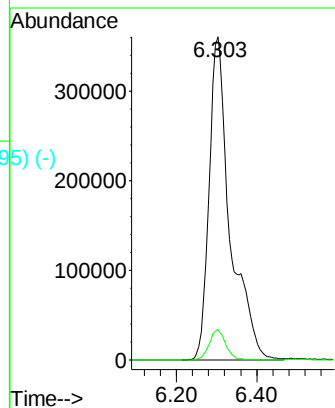
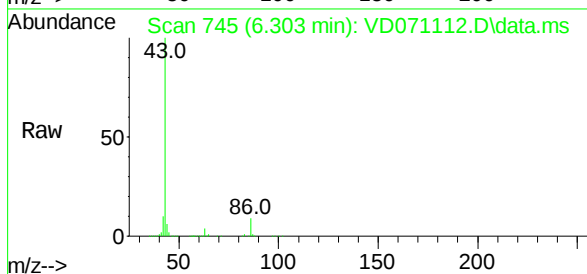
ClientSampleId :

Tgt Ion: 43 Resp: 1312484

Ion Ratio Lower Upper

43 100

86 9.5 8.2 12.4



1,1-Dichloroethane

Concen: 55.68 ug/l

RT: 6.261 min Scan# 738

Delta R.T. -0.001 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

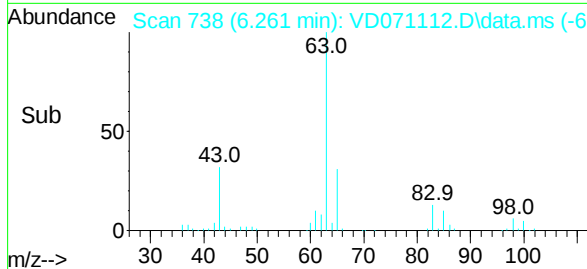
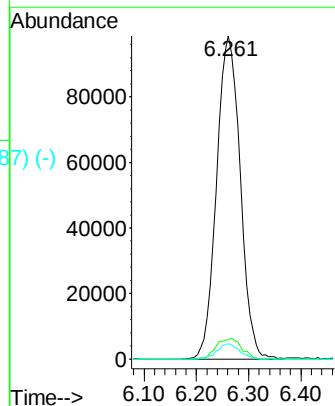
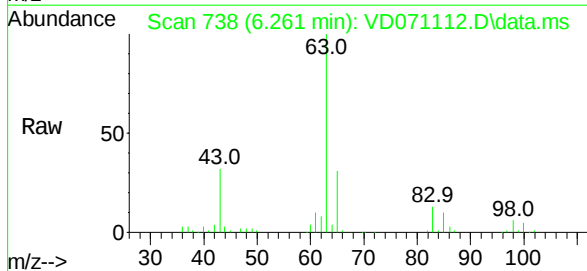
Tgt Ion: 63 Resp: 309943

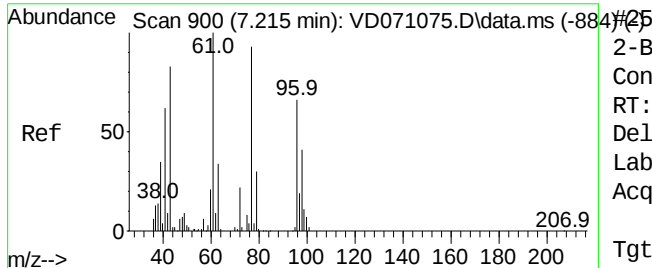
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.6

100 4.7 2.1 6.3





2-Butanone

Concen: 248.63 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.012 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

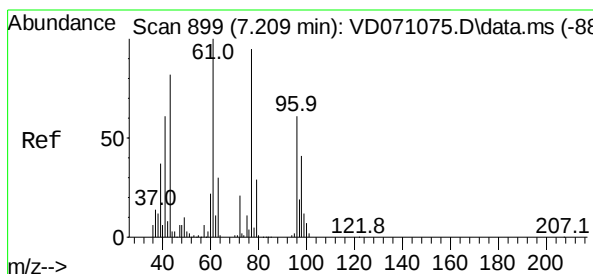
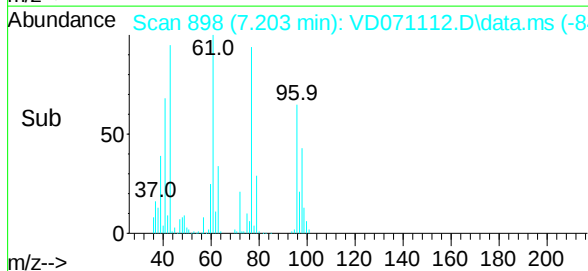
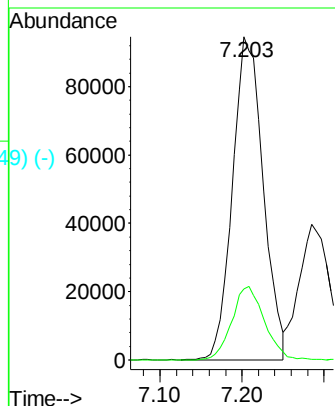
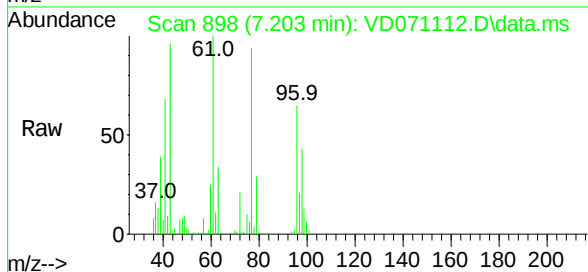
ClientSampleId :

Tgt Ion: 43 Resp: 244926

Ion Ratio Lower Upper

43 100

72 22.0 23.8 35.6#



2,2-Dichloropropane

Concen: 51.85 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD071112.D

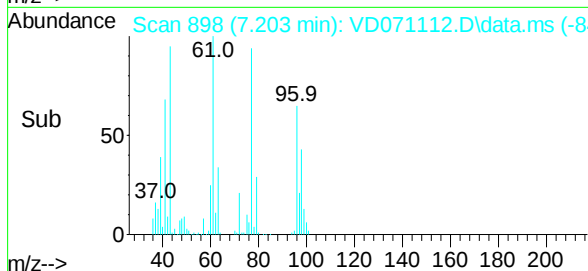
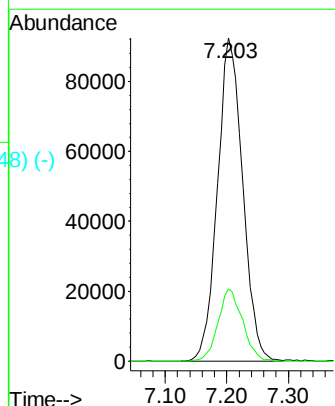
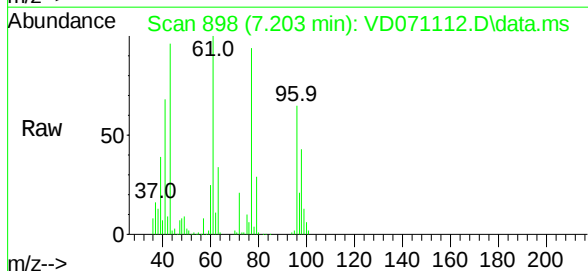
Acq: 02 Dec 2021 11:37

Tgt Ion: 77 Resp: 262463

Ion Ratio Lower Upper

77 100

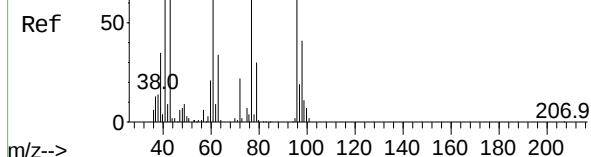
97 21.7 11.9 35.5



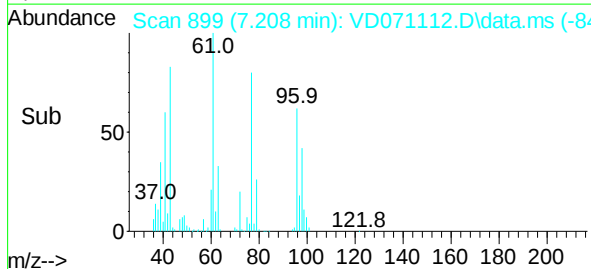
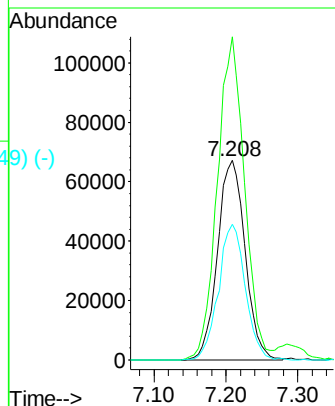
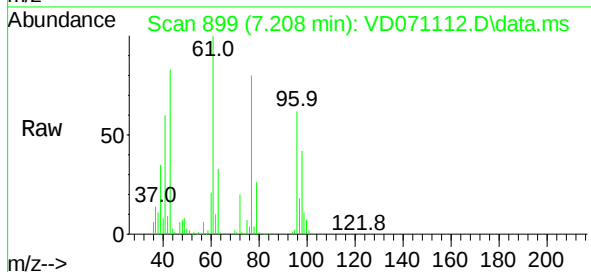
Abundance Scan 900 (7.215 min): VD071075.D\data.ms (-888) #27

cis-1,2-Dichloroethene
Concen: 55.24 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.007 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :



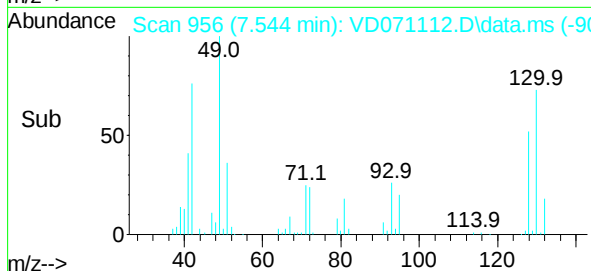
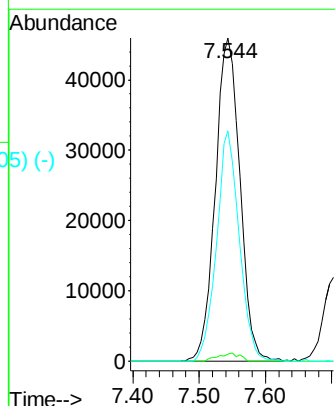
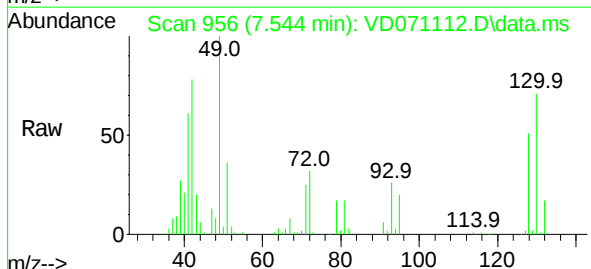
Tgt Ion:	96	Resp:	178899
Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	288.6
98	66.3	0.0	129.2



Abundance Scan 956 (7.544 min): VD071075.D\data.ms (-944) #28

Bromochloromethane
Concen: 48.59 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion:	49	Resp:	117489
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	65.5	60.2	90.2



Abundance Scan 959 (7.562 min): VD071075.D\data.ms (-943) #29

Tetrahydrofuran

Concen: 279.93 ug/l

RT: 7.555 min Scan# 959

Delta R.T. -0.007 min

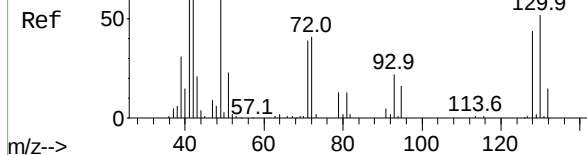
Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :



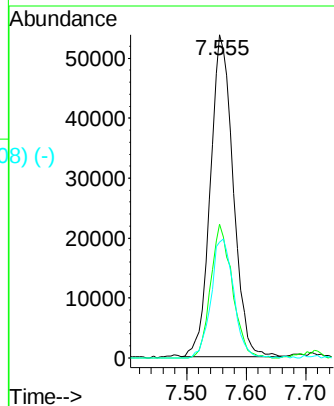
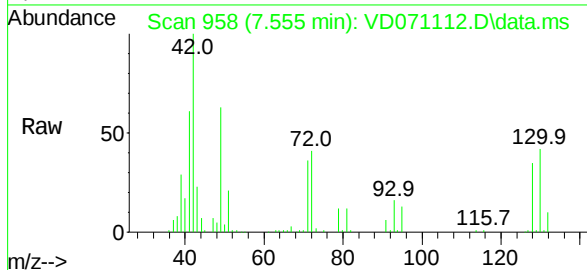
Tgt Ion: 42 Resp: 142882

Ion Ratio Lower Upper

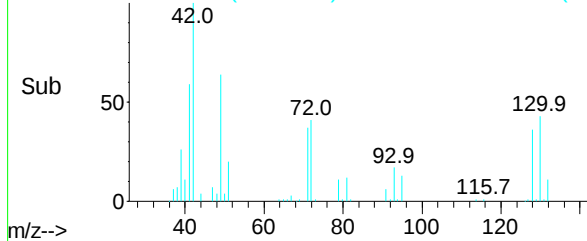
42 100

72 39.4 33.7 50.5

71 36.6 32.7 49.1



Abundance Scan 958 (7.555 min): VD071112.D\data.ms (-908) (-)



Abundance Scan 984 (7.709 min): VD071075.D\data.ms (-973) #30

Chloroform

Concen: 57.18 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.001 min

Lab File: VD071112.D

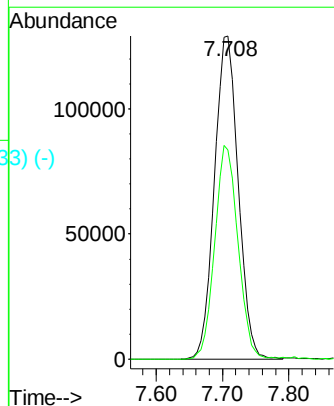
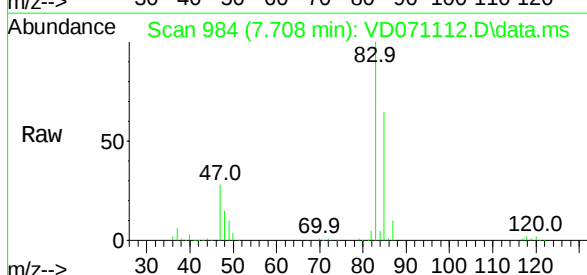
Acq: 02 Dec 2021 11:37

Tgt Ion: 83 Resp: 319443

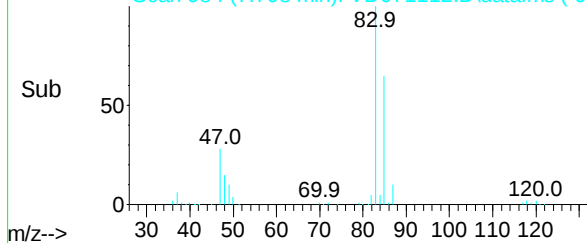
Ion Ratio Lower Upper

83 100

85 64.7 51.0 76.6



Abundance Scan 984 (7.708 min): VD071112.D\data.ms (-933) (-)



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

Cyclohexane

Concen: 50.91 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

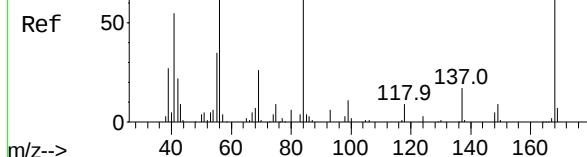
Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :



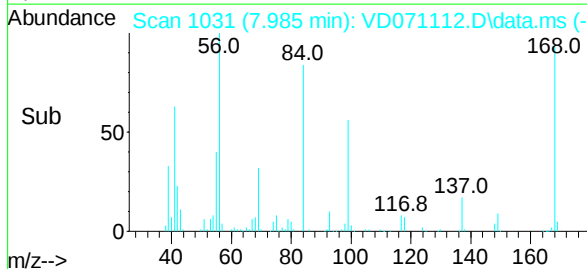
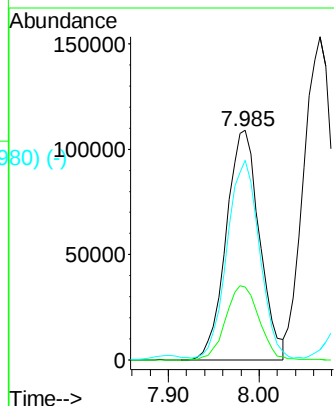
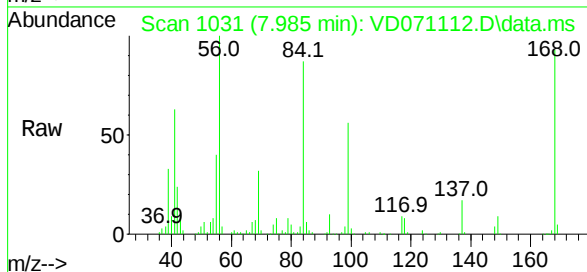
Tgt Ion: 56 Resp: 278370

Ion Ratio Lower Upper

56 100

69 31.9 25.9 38.9

84 85.9 64.3 96.5



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

1,1,1-Trichloroethane

Concen: 55.93 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.001 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

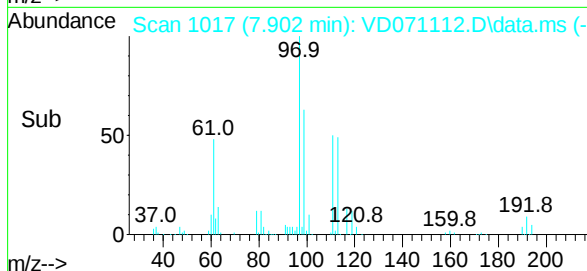
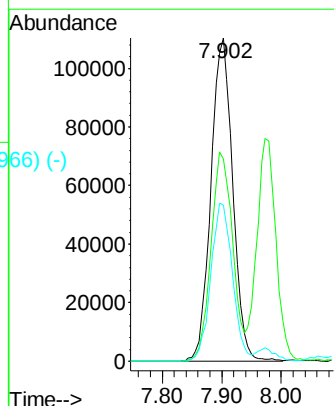
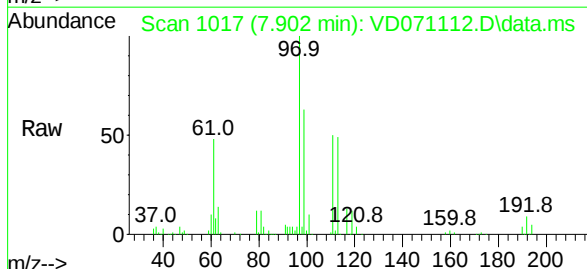
Tgt Ion: 97 Resp: 280531

Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 48.4 33.0 49.4



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

1,2-Dichloroethane-d4

Concen: 49.57 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

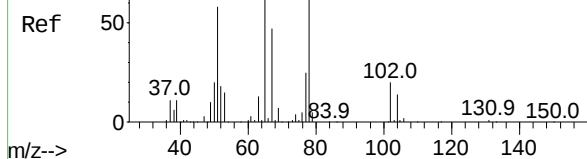
Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :

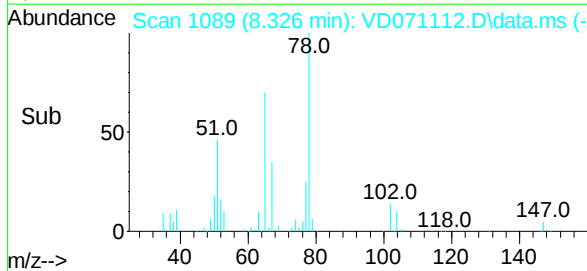
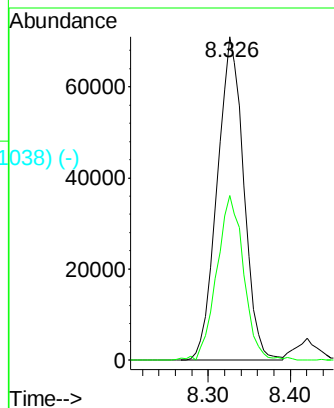
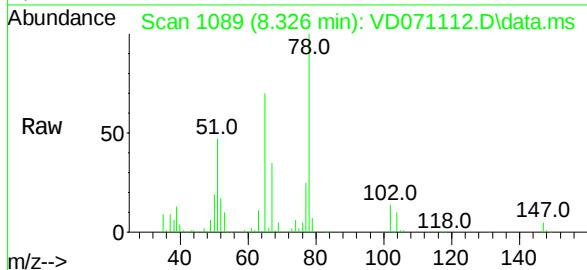


Tgt Ion: 65 Resp: 159343

Ion Ratio Lower Upper

65 100

67 51.6 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: VD071112.D

Acq: 02 Dec 2021 11:37

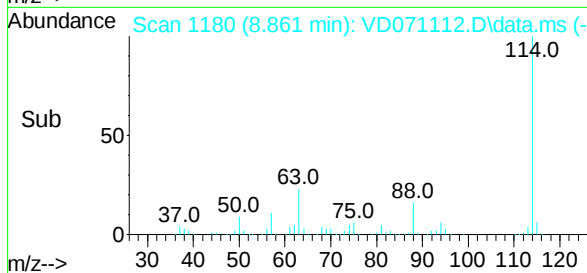
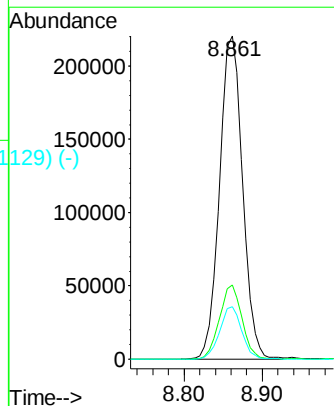
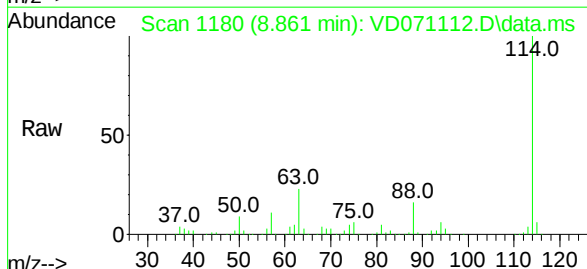
Tgt Ion: 114 Resp: 449889

Ion Ratio Lower Upper

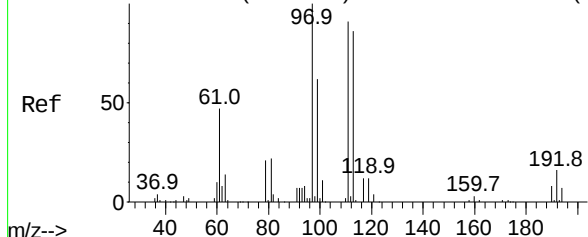
114 100

63 22.9 0.0 41.8

88 16.2 0.0 32.8



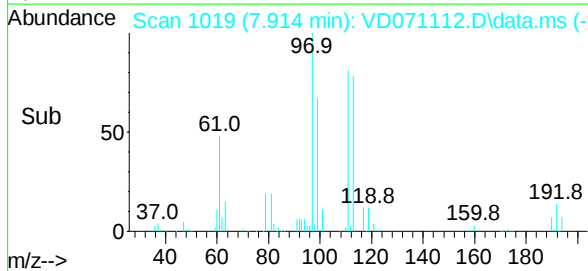
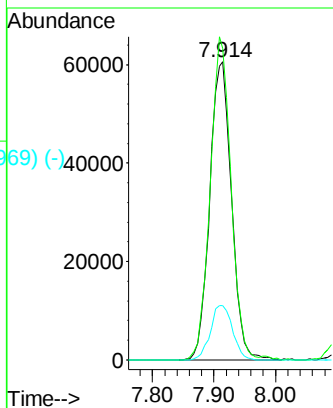
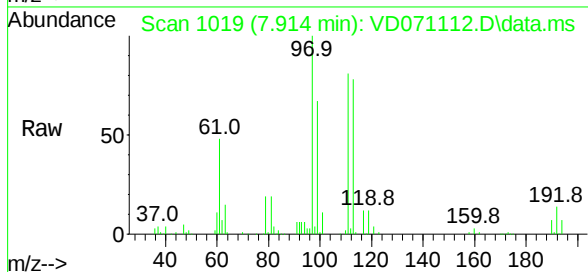
Abundance Scan 1020 (7.920 min): VD071075.D\data.ms (-1005)



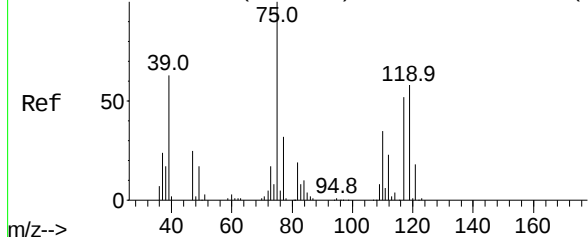
Dibromofluoromethane
Concen: 51.78 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 148337
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 18.5 15.2 22.8

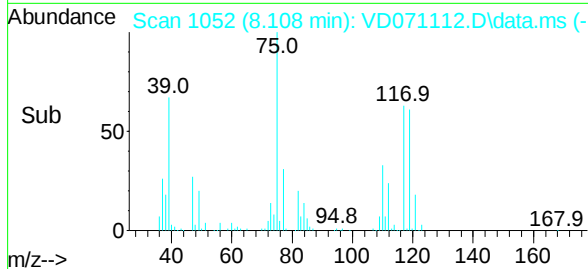
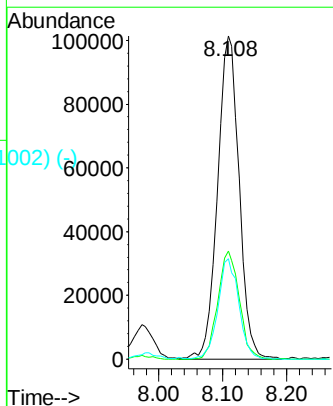
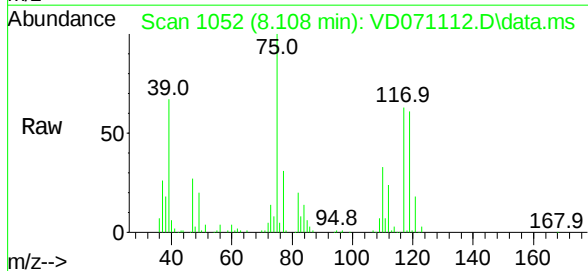


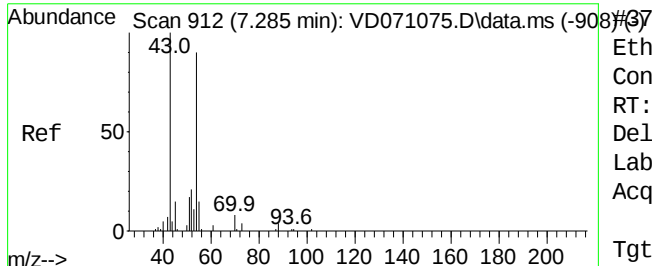
Abundance Scan 1053 (8.114 min): VD071075.D\data.ms (-1005)



1,1-Dichloropropene
Concen: 56.59 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion: 75 Resp: 237961
Ion Ratio Lower Upper
75 100
110 33.2 17.8 53.4
77 30.2 24.8 37.2





Ethyl Acetate

Concen: 57.96 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :

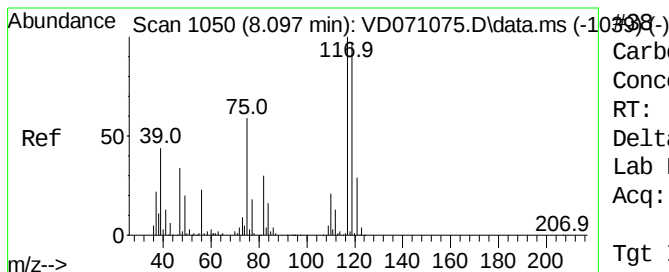
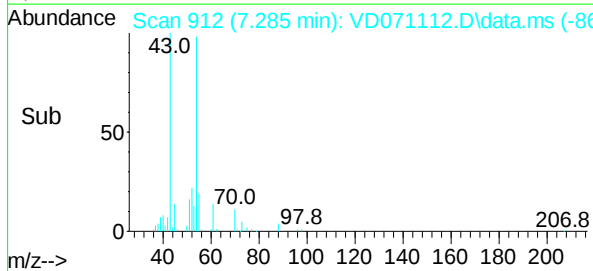
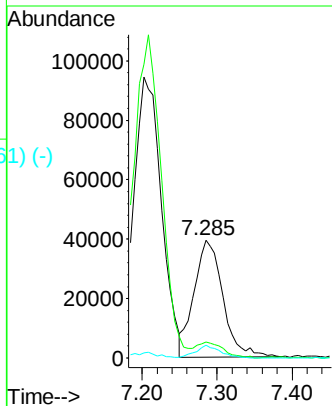
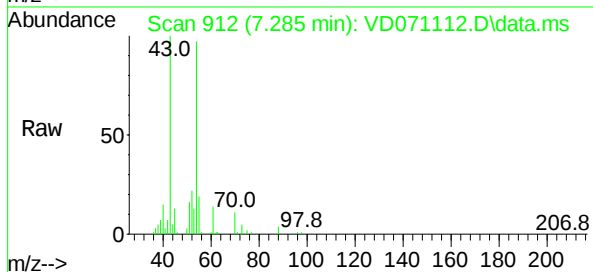
Tgt Ion: 43 Resp: 105274

Ion Ratio Lower Upper

43 100

61 12.1 13.0 19.6#

70 9.2 8.7 13.1



Carbon Tetrachloride

Concen: 58.64 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

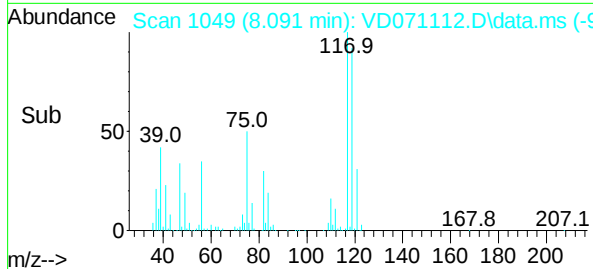
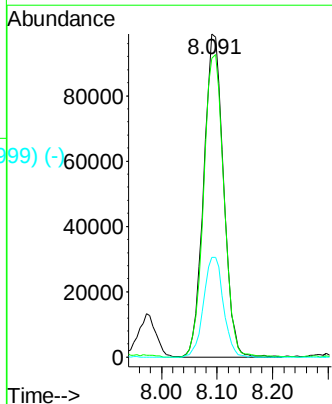
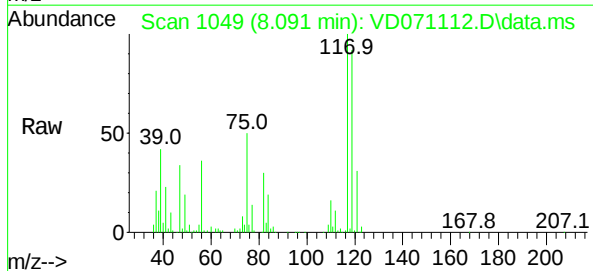
Tgt Ion: 117 Resp: 243039

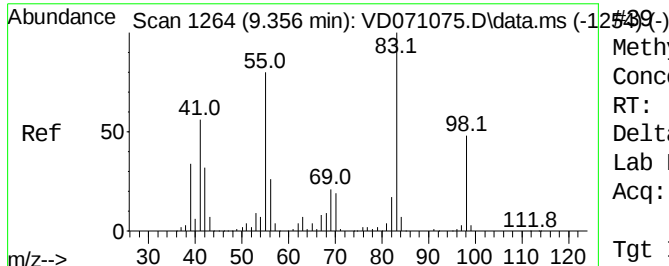
Ion Ratio Lower Upper

117 100

119 92.4 75.8 113.6

121 31.0 23.6 35.4

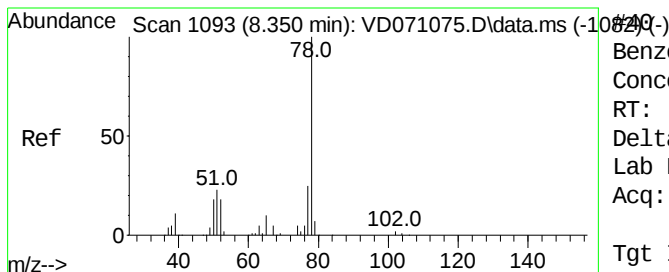
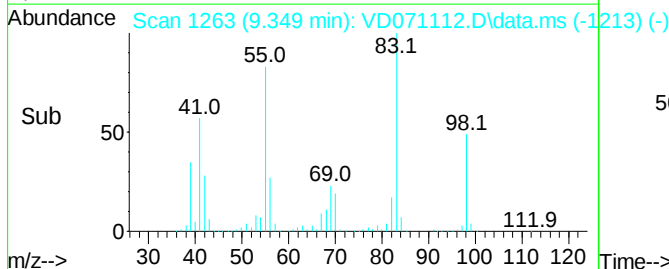
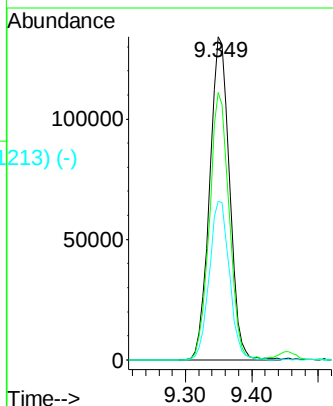
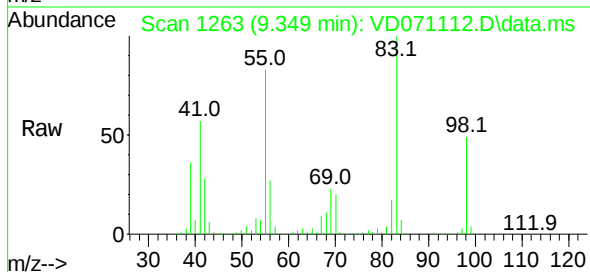




Methylcyclohexane
Concen: 55.17 ug/l
RT: 9.349 min Scan# 1264
Delta R.T. -0.007 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

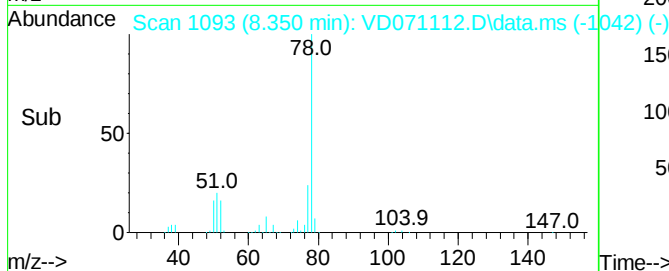
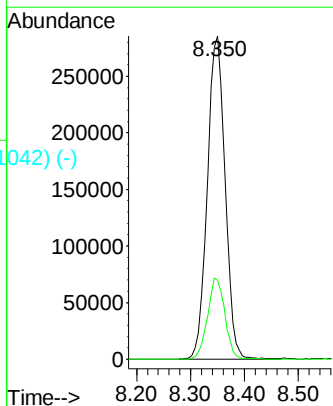
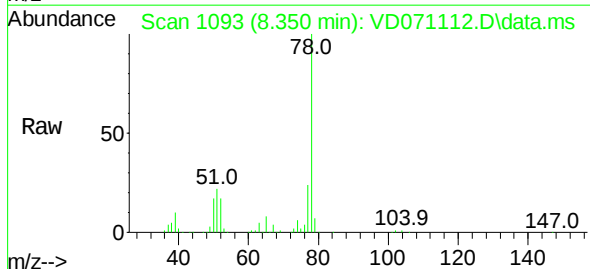
Instrument :
MSVOA_D
ClientSampleId :

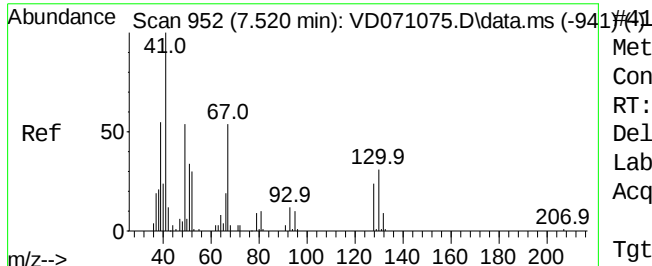
Tgt Ion:	83	Resp:	279044
Ion	Ratio	Lower	Upper
83	100		
55	82.7	65.8	98.8
98	49.0	38.7	58.1



Benzene
Concen: 56.93 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion:	78	Resp:	650193
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





Methacrylonitrile

Concen: 60.41 ug/l

RT: 7.514 min Scan# 951

Delta R.T. -0.006 min

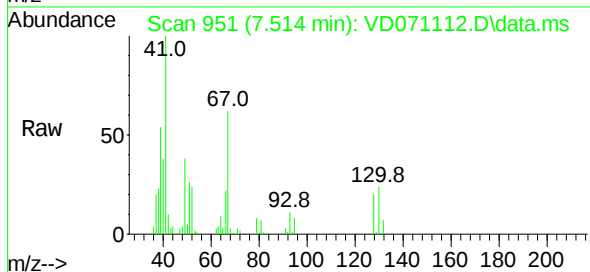
Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 41 Resp: 55277

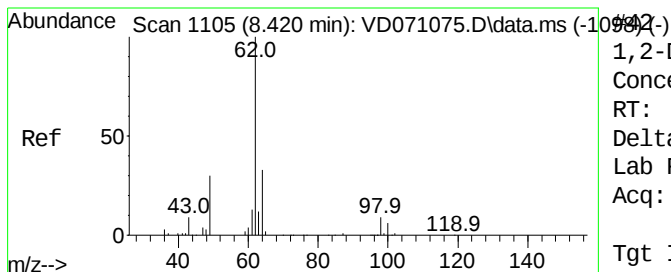
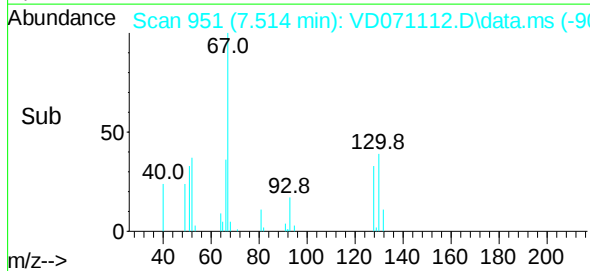
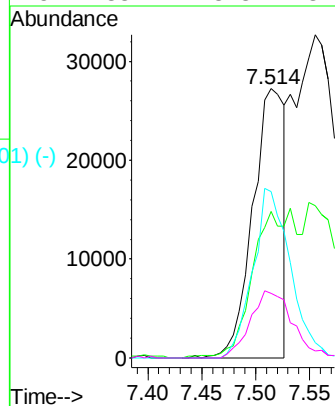
Ion Ratio Lower Upper

41 100

39 55.4 60.2 90.4#

67 74.3 74.8 112.2#

52 33.1 28.8 43.2



1,2-Dichloroethane

Concen: 58.43 ug/l

RT: 8.420 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VD071112.D

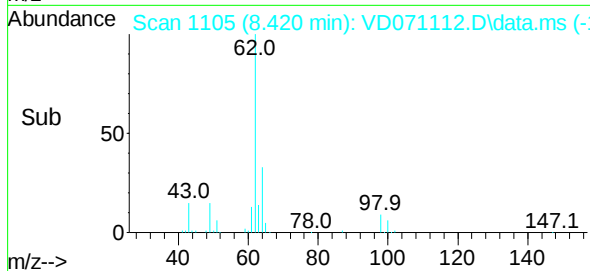
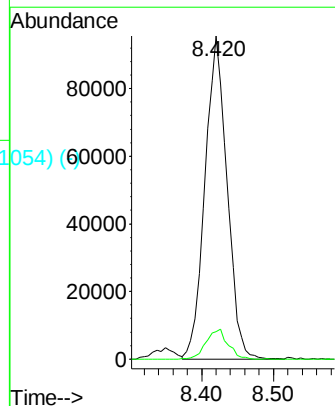
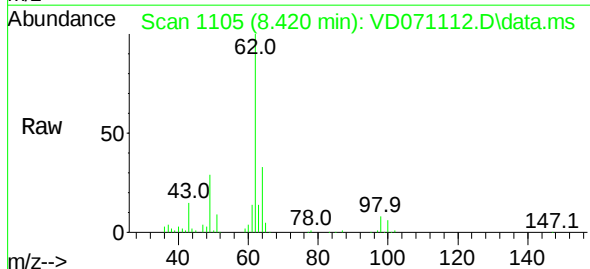
Acq: 02 Dec 2021 11:37

Tgt Ion: 62 Resp: 203690

Ion Ratio Lower Upper

62 100

98 9.1 0.0 21.8



Abundance Scan 1110 (8.450 min): VD071075.D\data.ms (-10994)

Isopropyl Acetate

Concen: 52.17 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.000 min

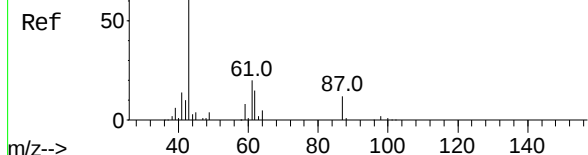
Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :



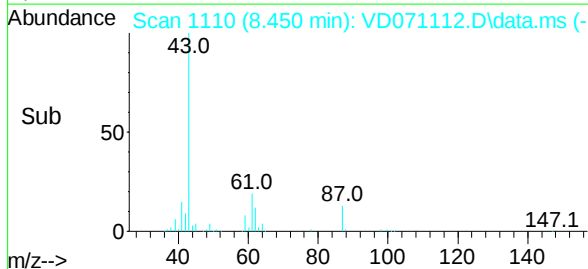
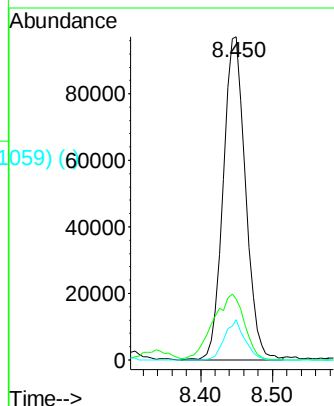
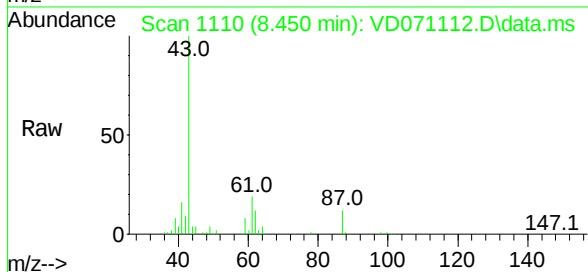
Tgt Ion: 43 Resp: 209514

Ion Ratio Lower Upper

43 100

61 28.5 28.2 42.4

87 11.1 10.7 16.1



Abundance Scan 1222 (9.108 min): VD071075.D\data.ms (-12134)

Trichloroethene

Concen: 55.71 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.001 min

Lab File: VD071112.D

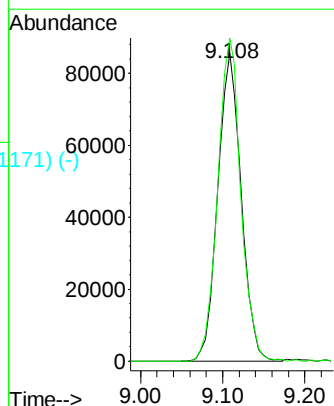
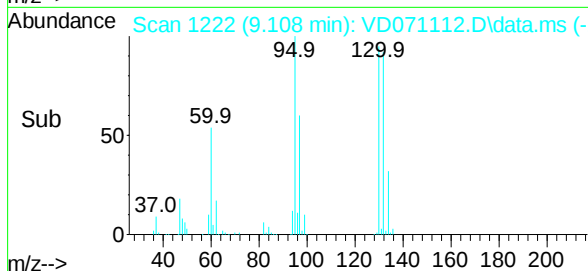
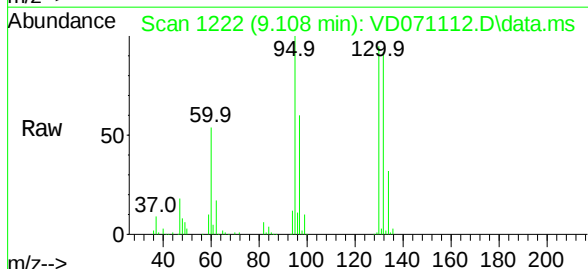
Acq: 02 Dec 2021 11:37

Tgt Ion:130 Resp: 169656

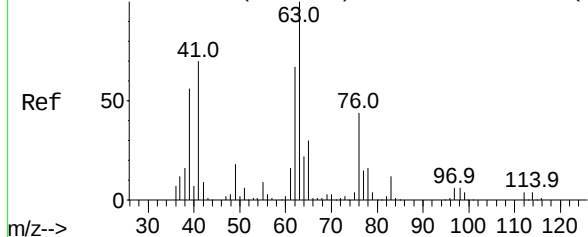
Ion Ratio Lower Upper

130 100

95 105.0 0.0 193.2



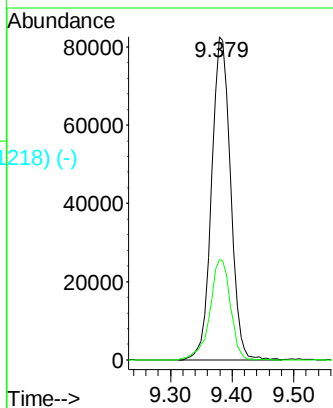
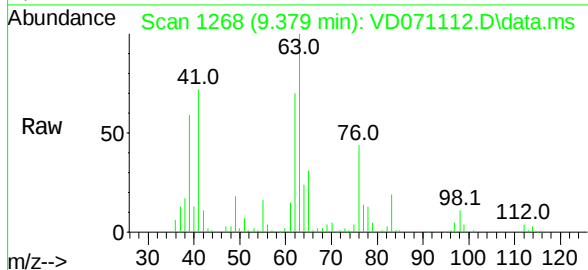
Abundance Scan 1269 (9.385 min): VD071075.D\data.ms (-1256) (-)



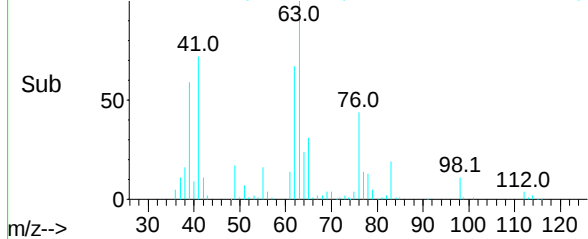
1,2-Dichloropropane
Concen: 58.69 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :

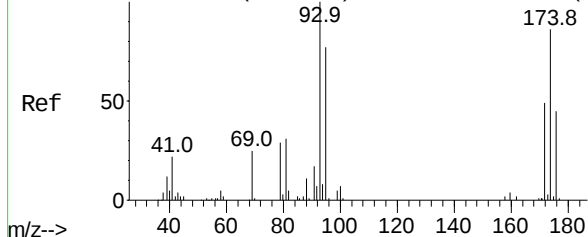
Tgt Ion: 63 Resp: 176286
Ion Ratio Lower Upper
63 100
65 31.0 24.2 36.2



Abundance Scan 1268 (9.379 min): VD071112.D\data.ms (-1218) (-)

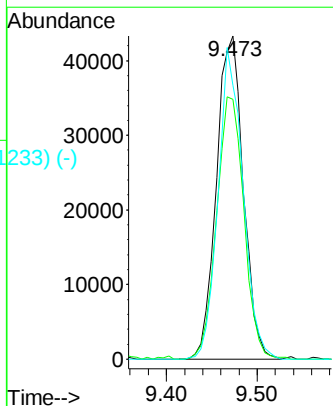
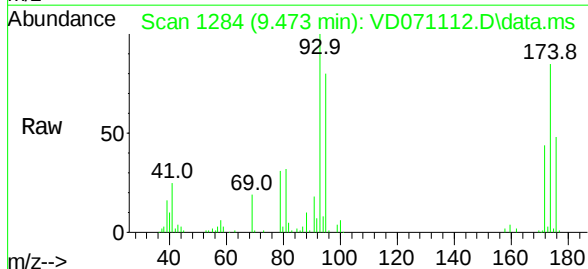


Abundance Scan 1284 (9.473 min): VD071075.D\data.ms (-1279) (-)

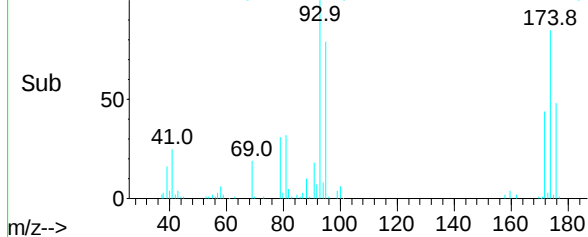


Dibromomethane
Concen: 57.30 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

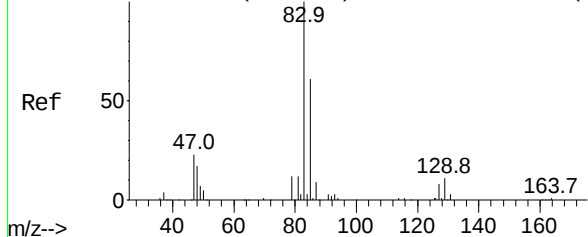
Tgt Ion: 93 Resp: 89293
Ion Ratio Lower Upper
93 100
95 82.3 66.1 99.1
174 88.9 78.6 117.8



Abundance Scan 1284 (9.473 min): VD071112.D\data.ms (-1233) (-)



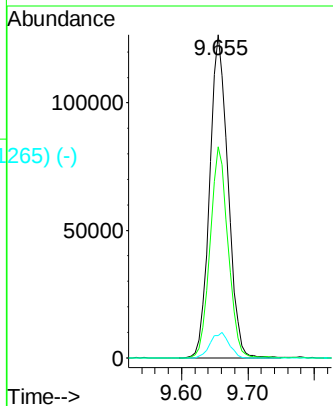
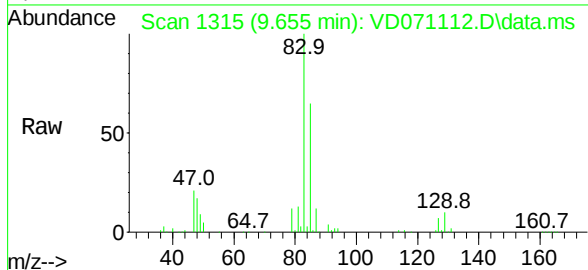
Abundance Scan 1316 (9.661 min): VD071075.D\data.ms (-13067-)



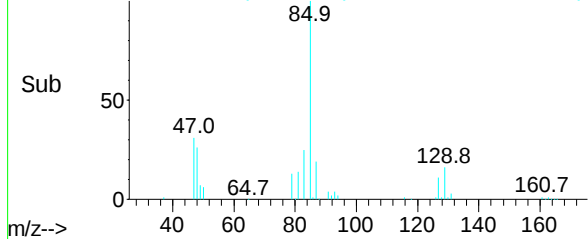
Bromodichloromethane
Concen: 58.90 ug/l
RT: 9.655 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :

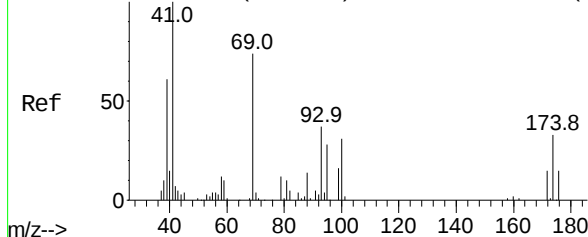
Tgt Ion: 83 Resp: 242747
Ion Ratio Lower Upper
83 100
85 65.3 50.0 75.0
127 7.0 7.3 10.9#



Abundance Scan 1315 (9.655 min): VD071112.D\data.ms (-1265-)

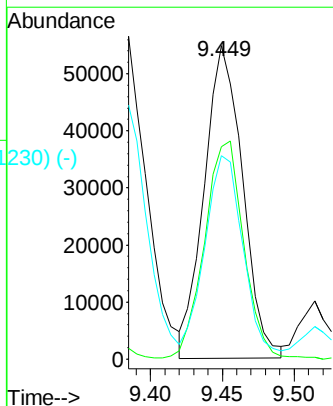
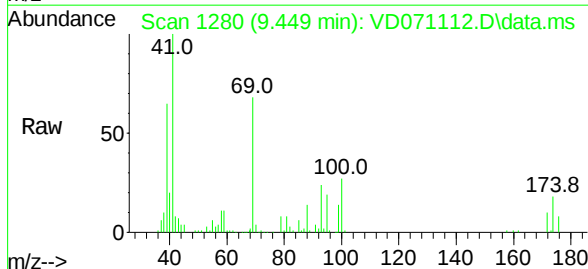


Abundance Scan 1281 (9.456 min): VD071075.D\data.ms (-12798-)

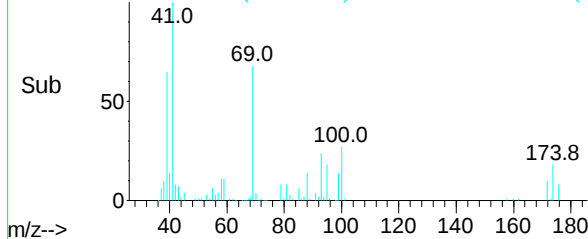


Methyl methacrylate
Concen: 57.27 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.007 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion: 41 Resp: 101820
Ion Ratio Lower Upper
41 100
69 71.5 69.8 104.6
39 65.0 35.6 53.4#



Abundance Scan 1280 (9.449 min): VD071112.D\data.ms (-1230-)



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

1,4-Dioxane

Concen: 1286.20 ug/l

RT: 9.455 min Scan# 1282

Delta R.T. -0.006 min

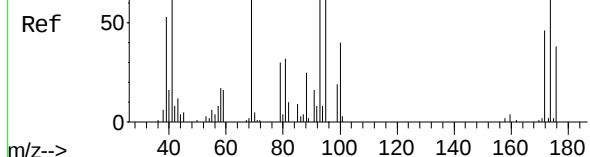
Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :



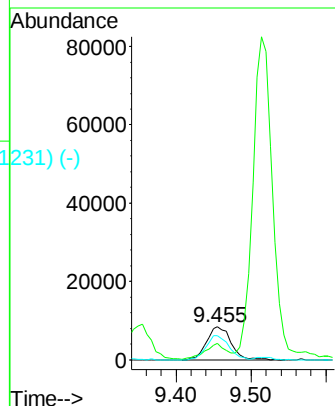
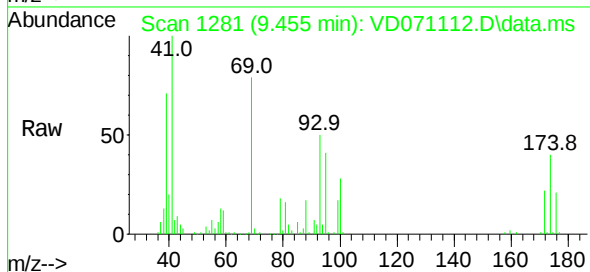
Tgt Ion: 88 Resp: 19348

Ion Ratio Lower Upper

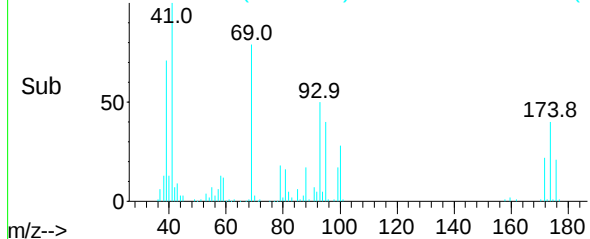
88 100

43 41.8 28.9 43.3

58 69.1 56.3 84.5



Abundance Scan 1281 (9.455 min): VD071112.D\data.ms (-1231) (-)



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

Toluene-d8

Concen: 49.24 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071112.D

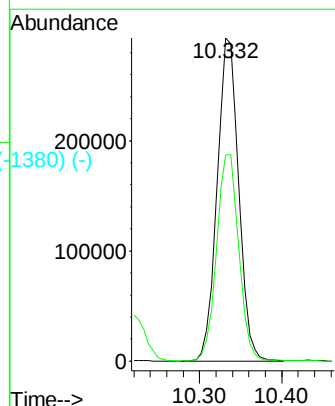
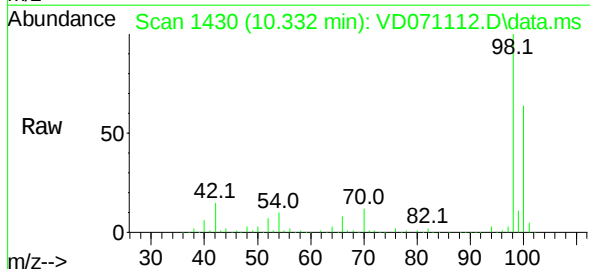
Acq: 02 Dec 2021 11:37

Tgt Ion: 98 Resp: 536772

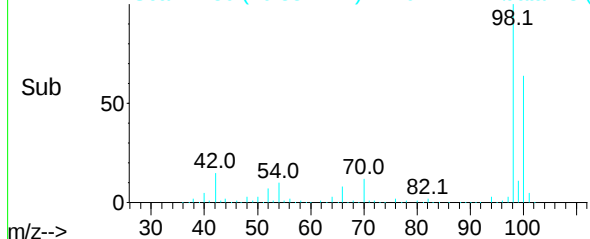
Ion Ratio Lower Upper

98 100

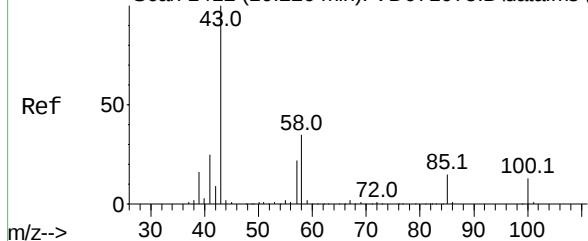
100 65.5 51.8 77.6



Abundance Scan 1430 (10.332 min): VD071112.D\data.ms (-1380) (-)



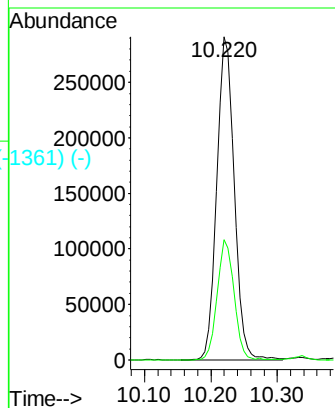
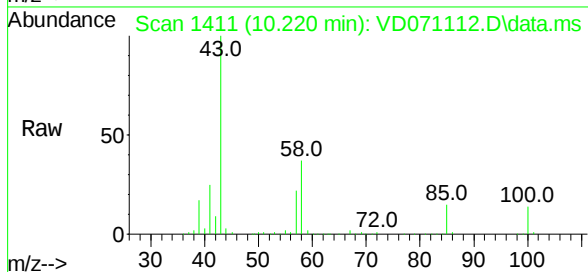
Abundance Scan 1412 (10.226 min): VD071075.D\data.ms (-1452) (-)



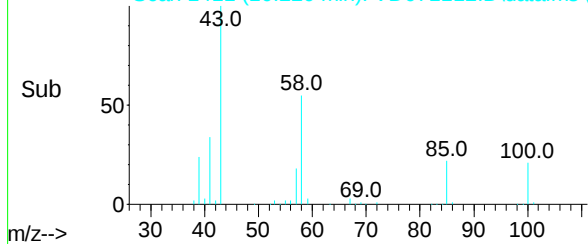
4-Methyl-2-Pentanone
Concen: 256.19 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :

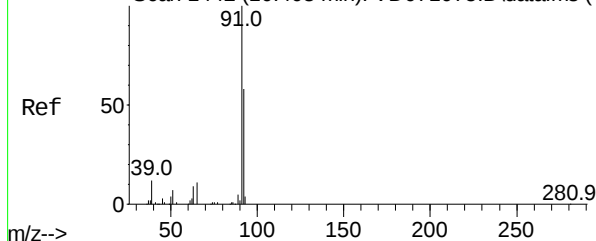
Tgt Ion: 43 Resp: 526488
Ion Ratio Lower Upper
43 100
58 36.0 33.1 49.7



Abundance Scan 1411 (10.220 min): VD071112.D\data.ms (-1361) (-)

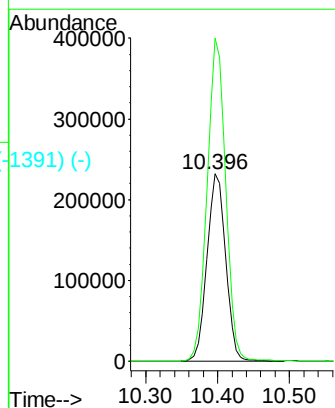
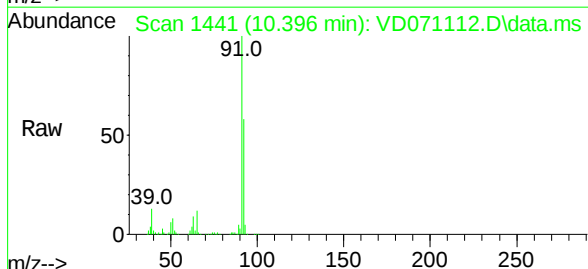


Abundance Scan 1442 (10.403 min): VD071075.D\data.ms (-1459) (-)

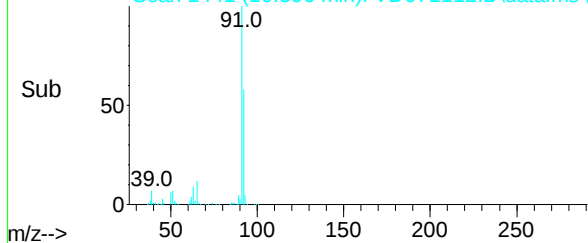


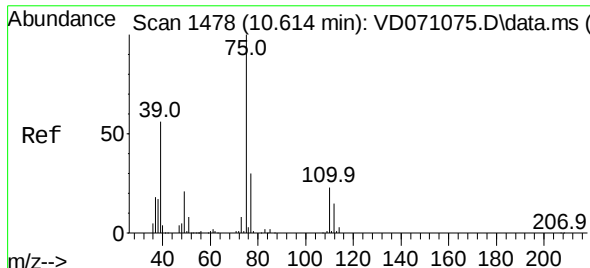
Toluene
Concen: 57.80 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.007 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion: 92 Resp: 418860
Ion Ratio Lower Upper
92 100
91 171.4 140.7 211.1



Abundance Scan 1441 (10.396 min): VD071112.D\data.ms (-1391) (-)

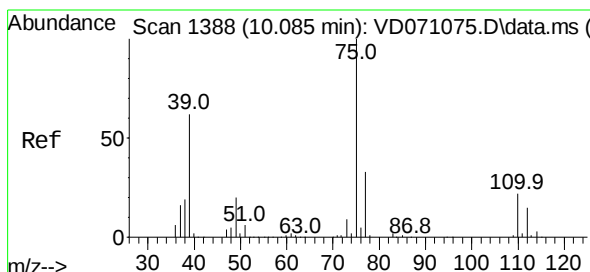
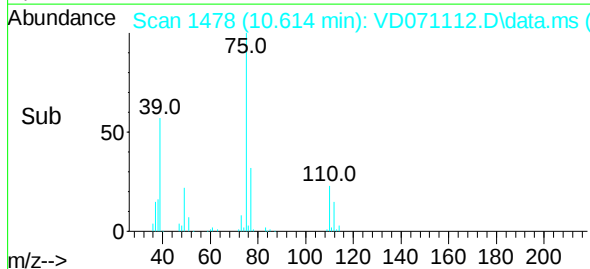
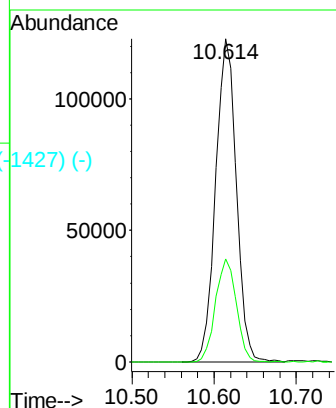
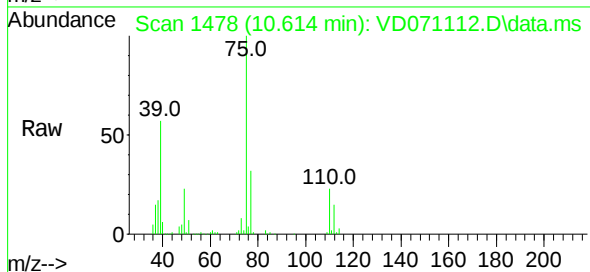




Scan 1478 (10.614 min): VD071075.D\data.ms (-1459) (-)
 t-1,3-Dichloropropene
 Concen: 56.98 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071112.D
 Acq: 02 Dec 2021 11:37

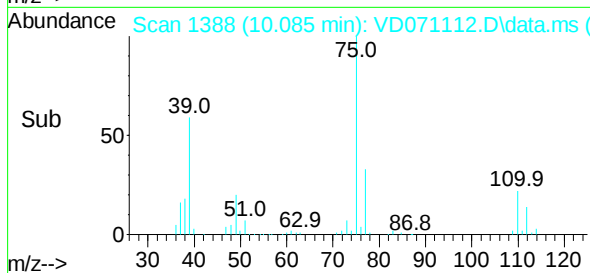
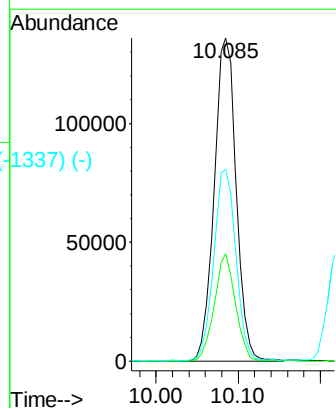
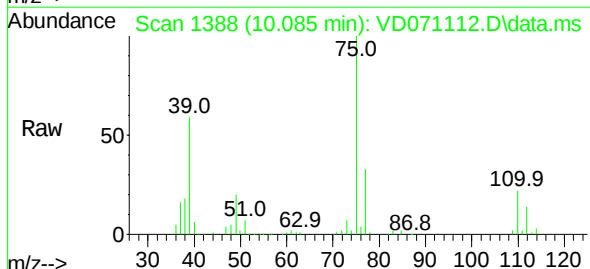
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 215909
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.5 36.7



Scan 1388 (10.085 min): VD071075.D\data.ms (-1359) (-)
 cis-1,3-Dichloropropene
 Concen: 56.37 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071112.D
 Acq: 02 Dec 2021 11:37

Tgt Ion: 75 Resp: 253697
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.0 37.6
 39 59.2 31.6 47.4#



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

1,1,2-Trichloroethane

Concen: 57.86 ug/l

RT: 10.796 min Scan# 1509

Delta R.T. -0.001 min

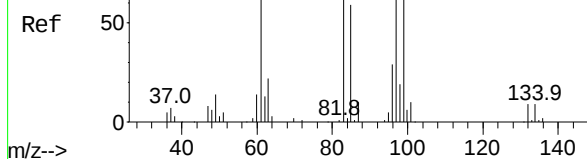
Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 118291

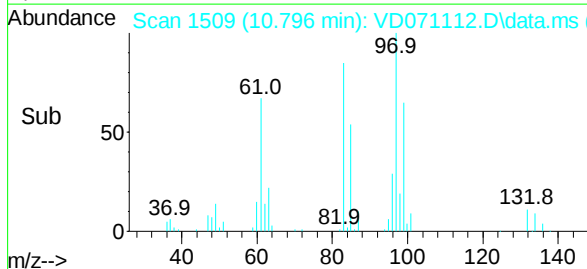
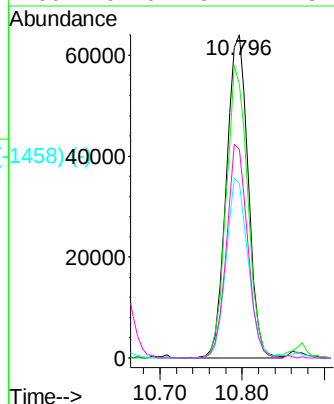
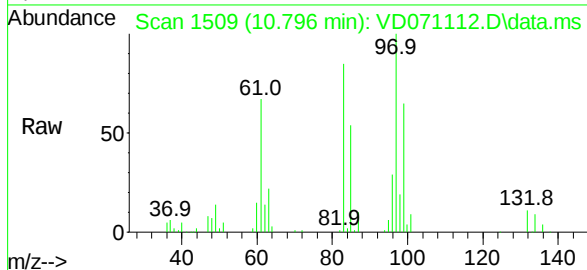
Ion Ratio Lower Upper

97 100

83 84.5 65.2 97.8

85 54.0 43.4 65.0

99 64.6 52.1 78.1



Abundance Scan 1485 (10.656 min): VD071075.D\data.ms (-1456)

Ethyl methacrylate

Concen: 50.22 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. -0.001 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

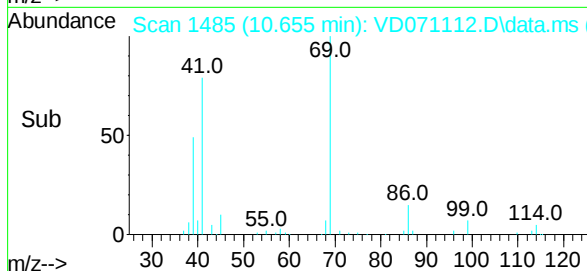
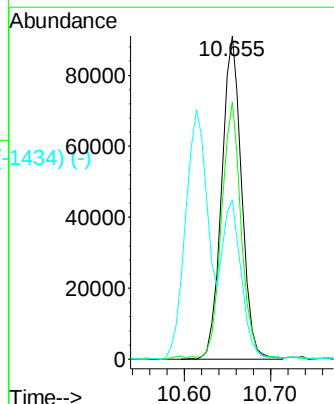
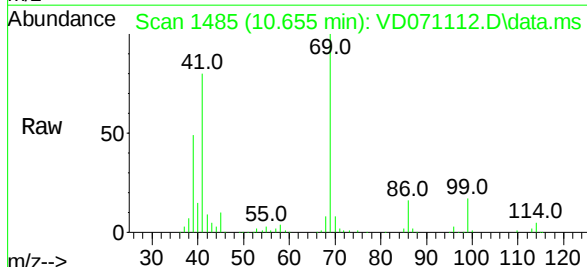
Tgt Ion: 69 Resp: 147885

Ion Ratio Lower Upper

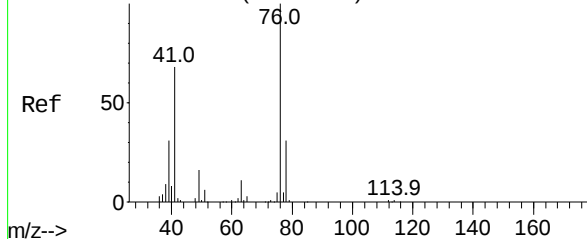
69 100

41 76.8 50.2 75.2#

39 45.7 19.8 29.8#



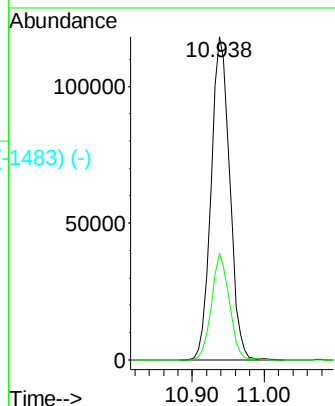
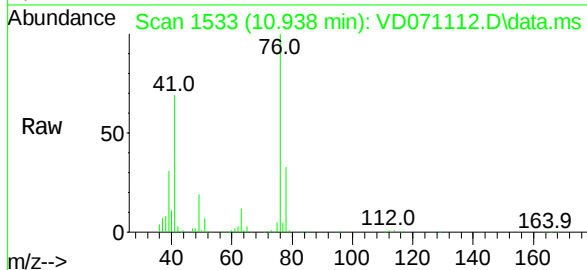
Abundance Scan 1534 (10.944 min): VD071075.D\data.ms (-1555) (-)



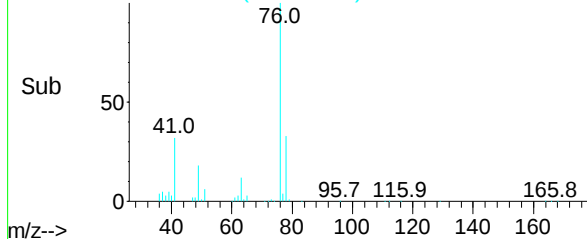
1,3-Dichloropropane
Concen: 59.18 ug/l
RT: 10.938 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :

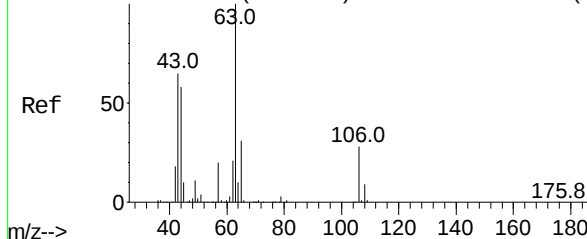
Tgt Ion: 76 Resp: 212548
Ion Ratio Lower Upper
76 100
78 31.5 25.8 38.6



Abundance Scan 1533 (10.938 min): VD071112.D\data.ms (-1483) (-)

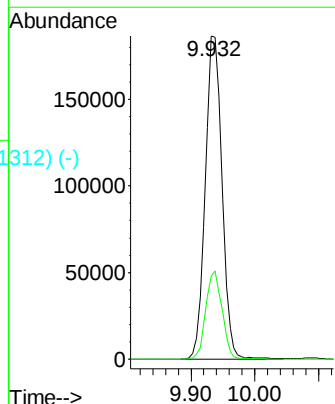
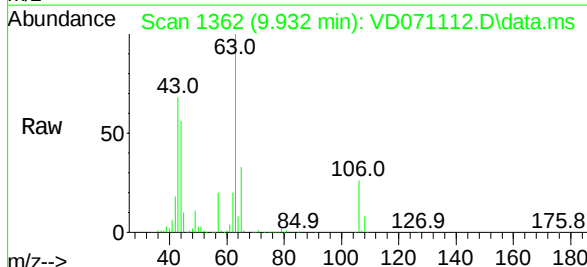


Abundance Scan 1363 (9.938 min): VD071075.D\data.ms (-1359) (-)

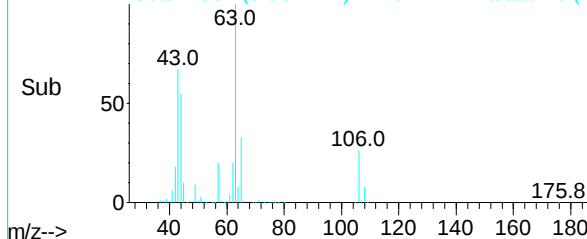


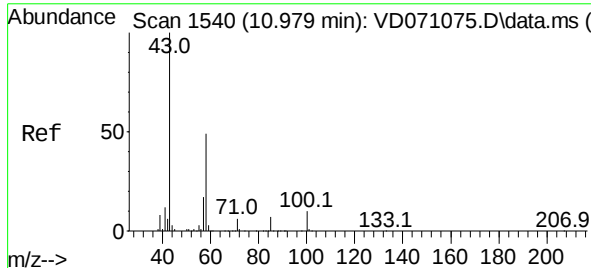
2-Chloroethyl Vinyl ether
Concen: 242.32 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion: 63 Resp: 337091
Ion Ratio Lower Upper
63 100
106 26.4 21.0 31.4



Abundance Scan 1362 (9.932 min): VD071112.D\data.ms (-1312) (-)

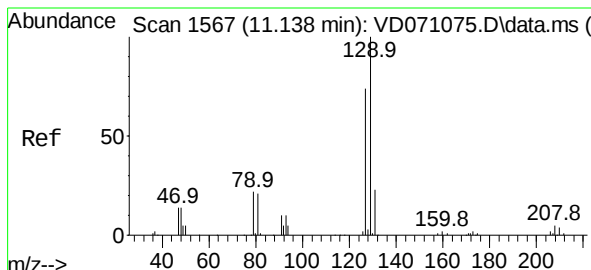
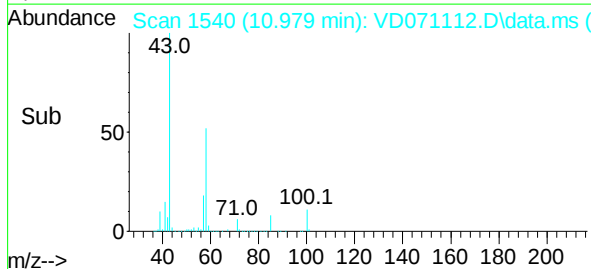
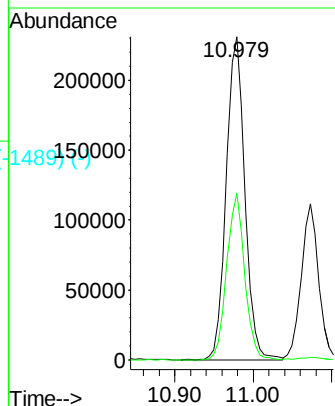
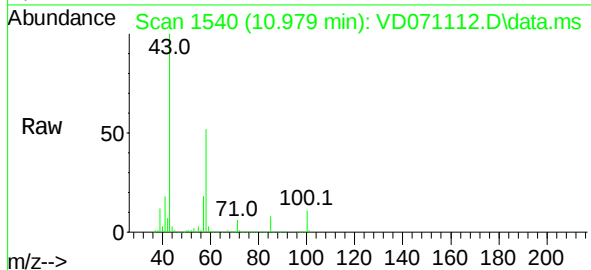




2-Hexanone
Concen: 247.29 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

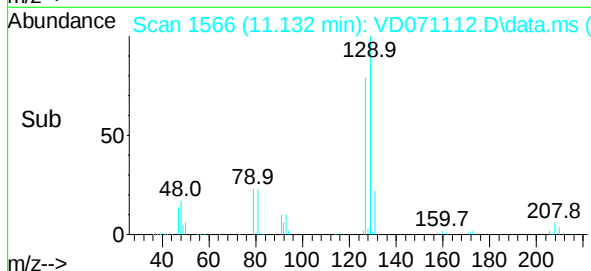
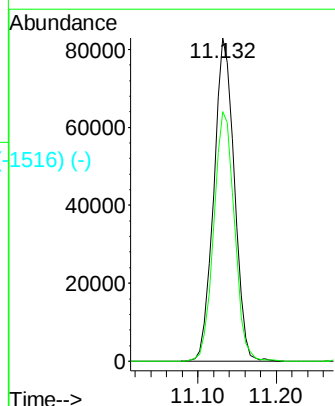
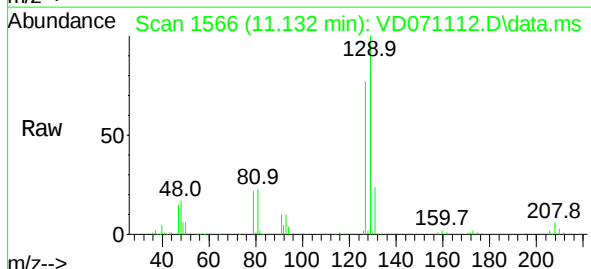
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 380958
Ion Ratio Lower Upper
43 100
58 50.0 28.7 86.1



Dibromochloromethane
Concen: 59.25 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion:129 Resp: 150537
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6



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

1,2-Dibromoethane

Concen: 56.87 ug/l

RT: 11.238 min Scan# 1585

Delta R.T. -0.006 min

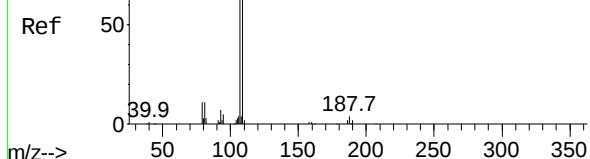
Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :

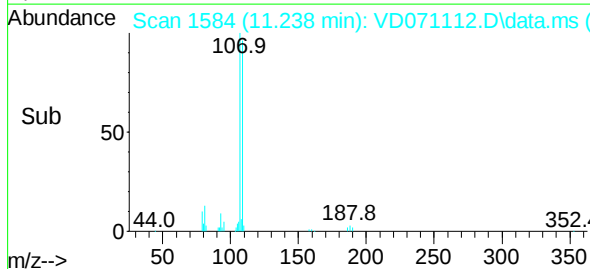
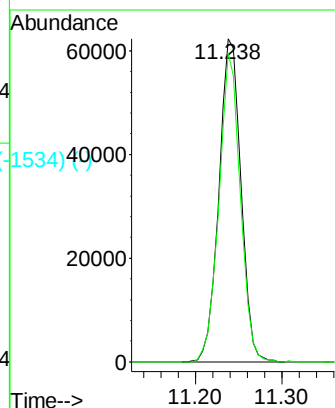
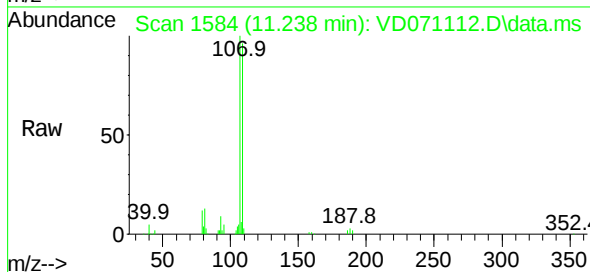


Tgt Ion:107 Resp: 111664

Ion Ratio Lower Upper

107 100

109 92.6 74.6 112.0



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

4-Bromofluorobenzene

Concen: 50.75 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.000 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

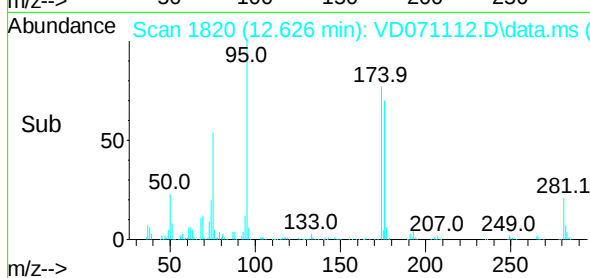
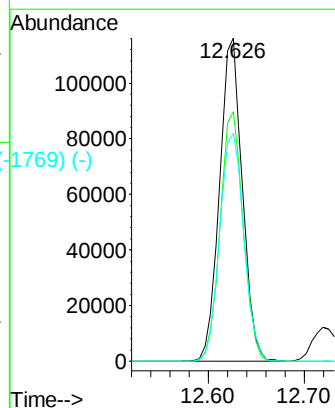
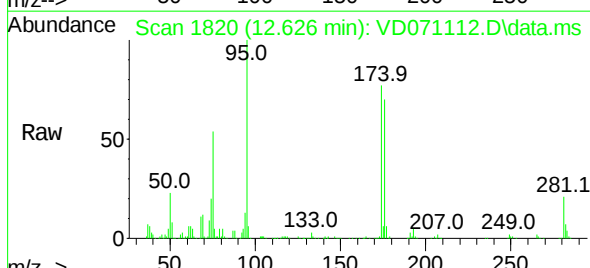
Tgt Ion: 95 Resp: 191801

Ion Ratio Lower Upper

95 100

174 78.1 0.0 159.4

176 74.6 0.0 154.0



Abundance Scan 1652 (11.638 min): VD071075.D\data.ms (-1668)

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.638 min Scan# 1652

Delta R.T. -0.000 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :

Ref

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071112.D\data.ms (-160115)

Raw

Sub

Tgt Ion:117 Resp: 412428

Ion Ratio Lower Upper

117 100

82 58.2 44.7 67.1

119 32.9 26.2 39.4

Abundance

11.638

200000

150000

100000

50000

0

Time-->

11.60

11.70

Abundance Scan 1522 (10.873 min): VD071075.D\data.ms (-1564)

Tetrachloroethene

Concen: 54.88 ug/l

RT: 10.873 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Ref

Abundance Scan 1522 (10.873 min): VD071112.D\data.ms

Raw

Sub

Abundance Scan 1522 (10.873 min): VD071112.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1522 (10.873 min): VD071112.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1522 (10.873 min): VD071112.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1522 (10.873 min): VD071112.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1522 (10.873 min): VD071112.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1522 (10.873 min): VD071112.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1522 (10.873 min): VD071112.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1522 (10.873 min): VD071112.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1522 (10.873 min): VD071112.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1522 (10.873 min): VD071112.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1522 (10.873 min): VD071112.D\data.ms (-1471)

Raw

Sub

Tgt Ion:164 Resp: 143680

Ion Ratio Lower Upper

164 100

166 121.2 102.6 153.8

129 91.6 75.4 113.0

131 94.3 70.6 106.0

Abundance

10.873

80000

60000

40000

20000

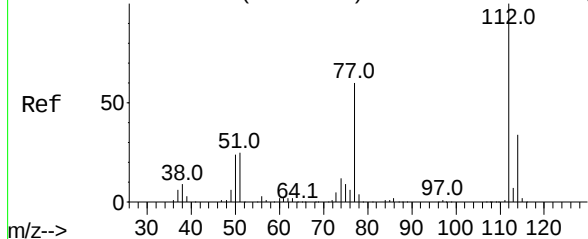
0

Time-->

10.80

10.90

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



Chlorobenzene

Concen: 57.31 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. -0.006 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

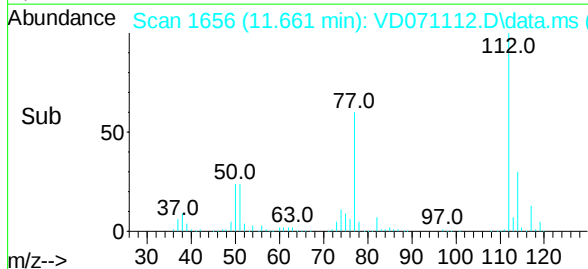
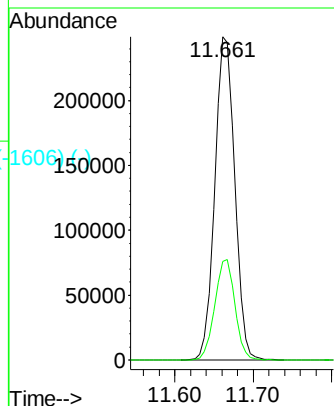
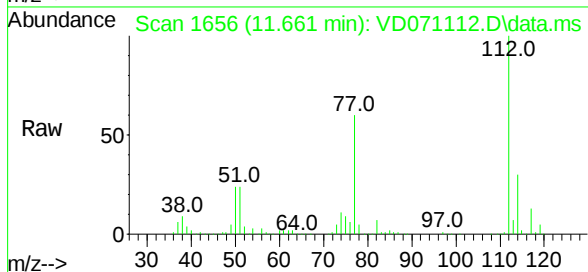
ClientSampleId :

Tgt Ion:112 Resp: 438539

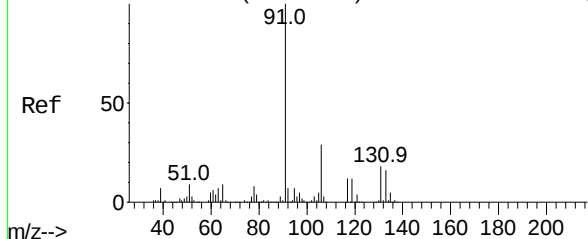
Ion Ratio Lower Upper

112 100

114 30.4 26.0 39.0



Abundance Scan 1669 (11.738 min): VD071075.D\data.ms (-1666)



1,1,1,2-Tetrachloroethane

Concen: 57.79 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

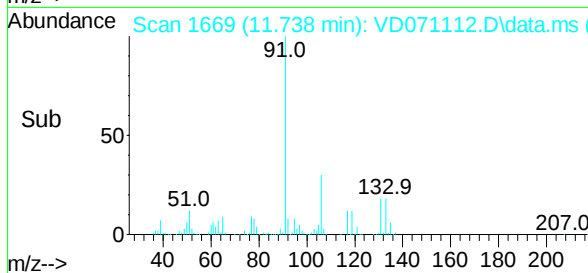
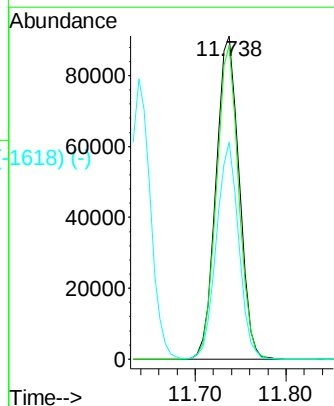
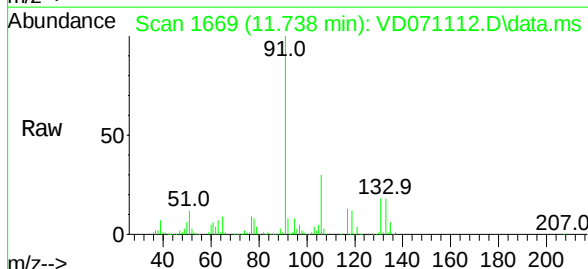
Tgt Ion:131 Resp: 161468

Ion Ratio Lower Upper

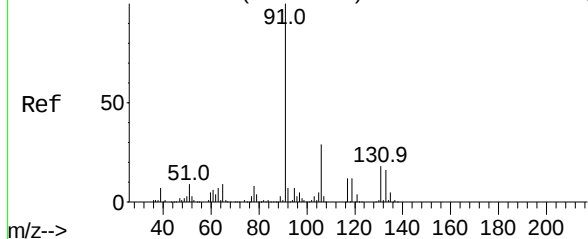
131 100

133 93.4 48.0 144.0

119 64.6 33.5 100.4



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

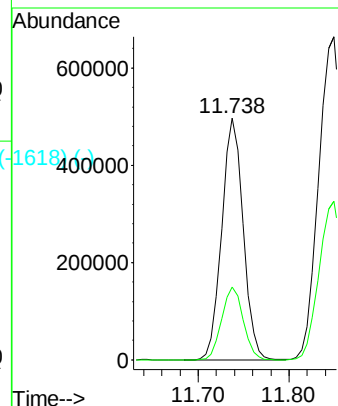
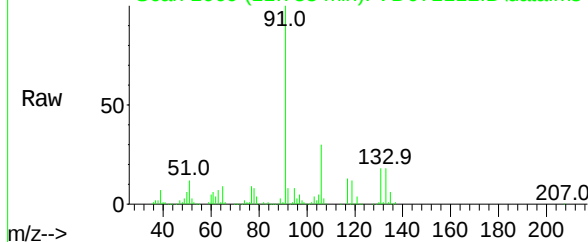


Ethyl Benzene
Concen: 56.65 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

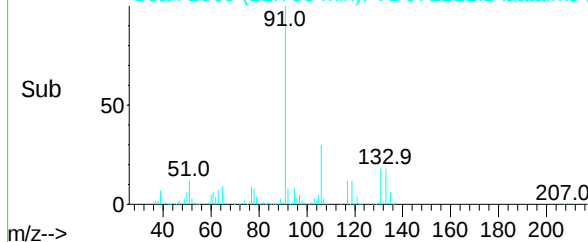
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 816136
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8

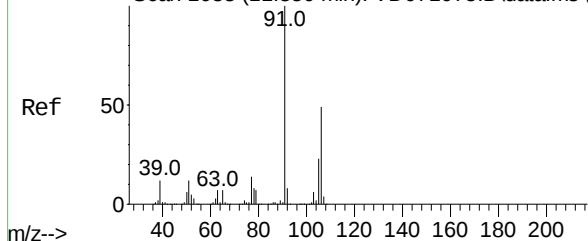
Abundance Scan 1669 (11.738 min): VD071112.D\data.ms



Abundance Scan 1669 (11.738 min): VD071112.D\data.ms (-1618)



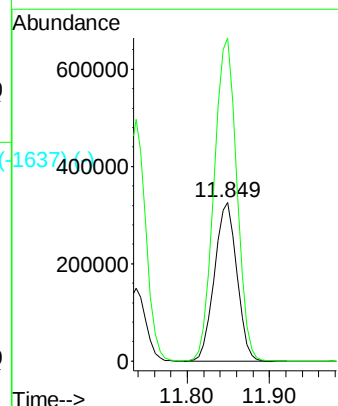
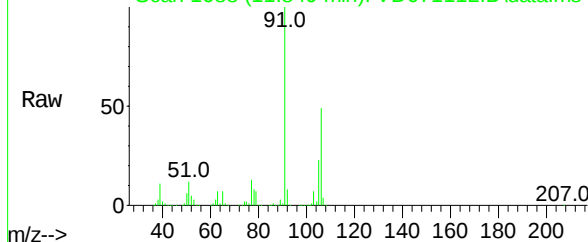
Abundance Scan 1688 (11.850 min): VD071075.D\data.ms (-1668)



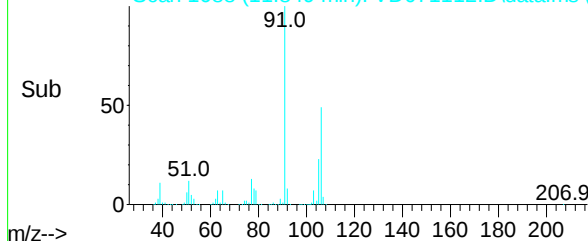
m/p-Xylenes
Concen: 114.02 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion: 106 Resp: 620120
Ion Ratio Lower Upper
106 100
91 206.3 160.1 240.1

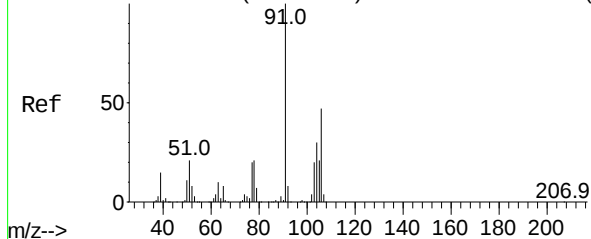
Abundance Scan 1688 (11.849 min): VD071112.D\data.ms



Abundance Scan 1688 (11.849 min): VD071112.D\data.ms (-1637)



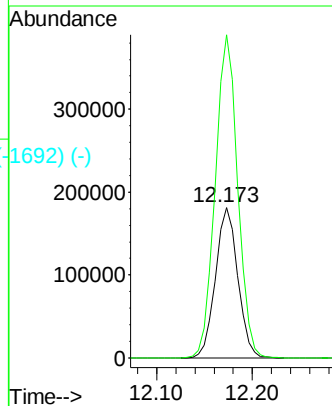
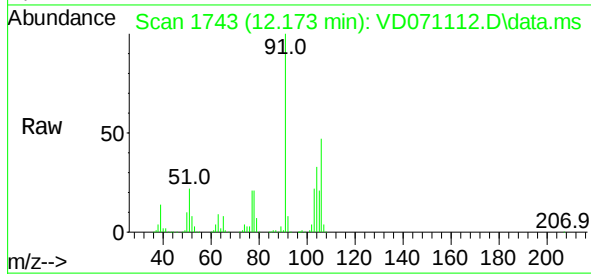
Abundance Scan 1743 (12.173 min): VD071075.D\data.ms (-1759) (-)



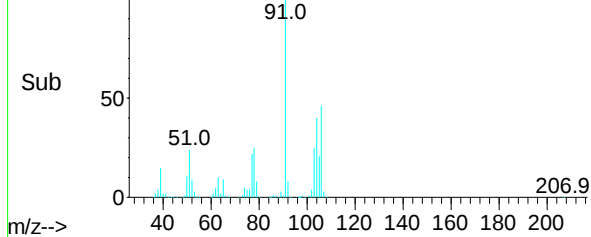
o-Xylene
Concen: 57.23 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :

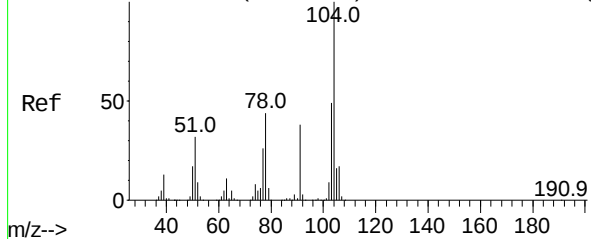
Tgt Ion	Ratio	Lower	Upper
106	100		
91	216.1	106.3	319.0



Abundance Scan 1743 (12.173 min): VD071112.D\data.ms (-1692) (-)

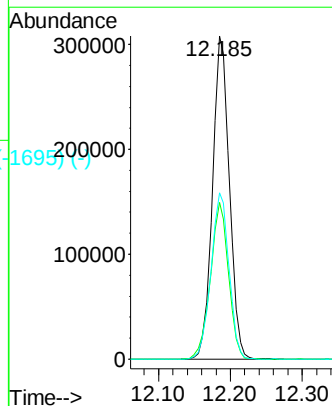
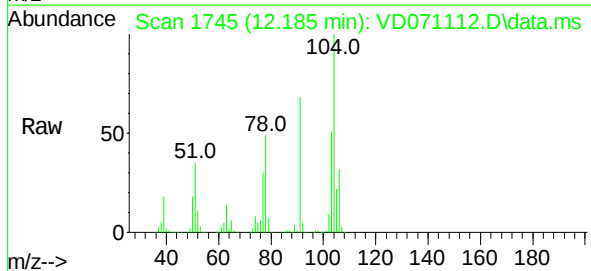


Abundance Scan 1746 (12.191 min): VD071075.D\data.ms (-1739) (-)

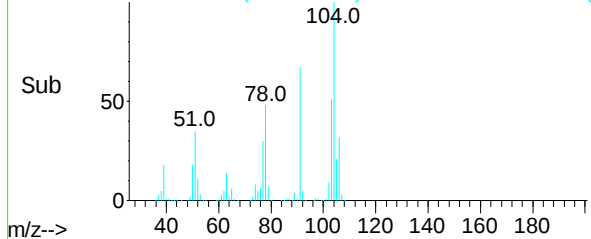


Styrene
Concen: 58.26 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

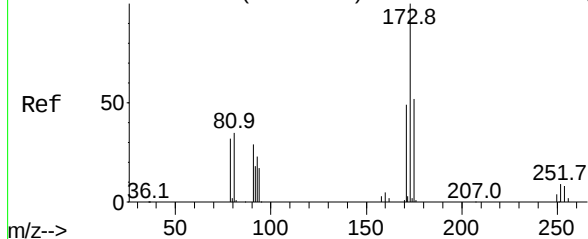
Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.9	39.4	59.0
103	55.0	43.4	65.0



Abundance Scan 1745 (12.185 min): VD071112.D\data.ms (-1695) (-)



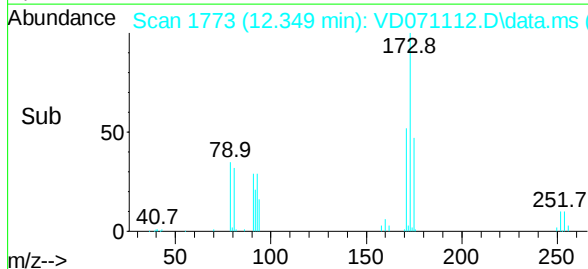
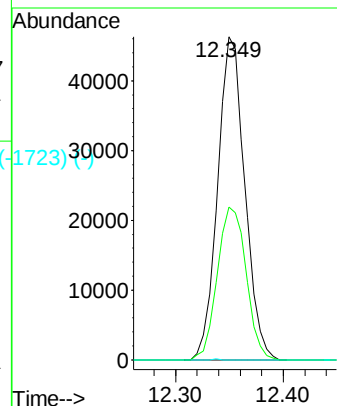
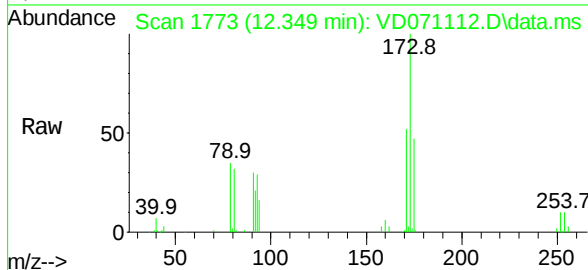
Abundance Scan 1774 (12.355 min): VD071075.D\data.ms (-175) (-)



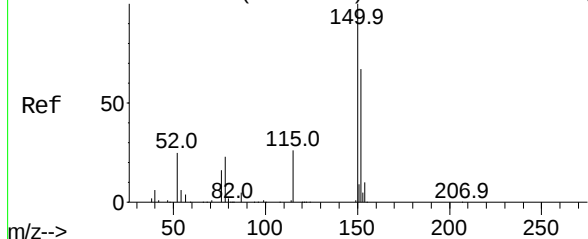
Bromoform
Concen: 56.29 ug/l
RT: 12.349 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 81474
Ion Ratio Lower Upper
173 100
175 50.3 24.1 72.2
254 0.1 0.1 0.1

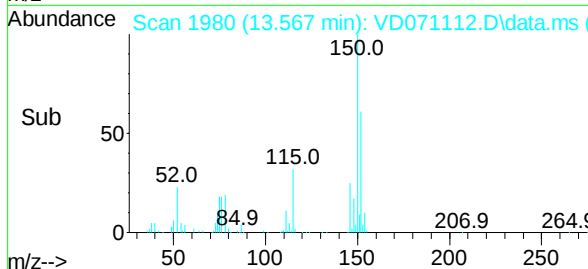
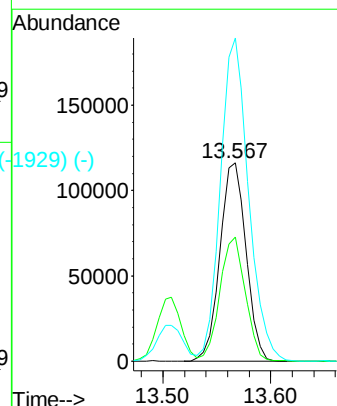
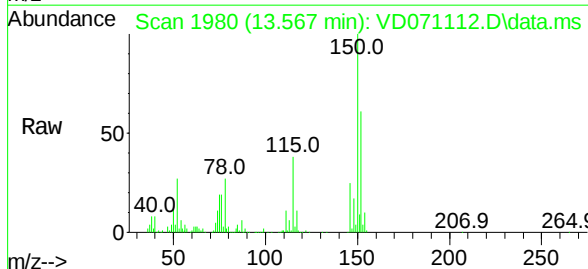


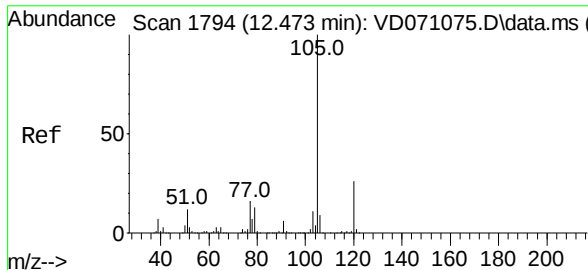
Abundance Scan 1980 (13.567 min): VD071075.D\data.ms (-1972) (-)



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion:152 Resp: 197012
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 174.9 0.0 349.2

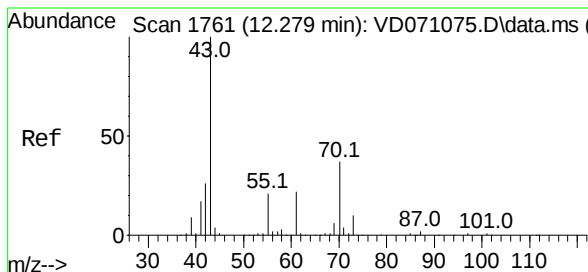
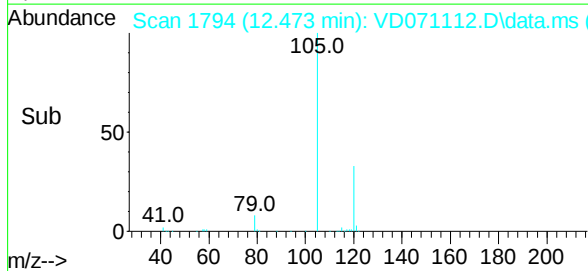
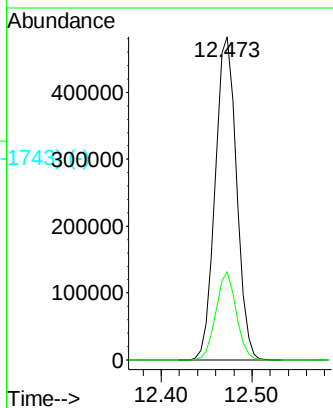
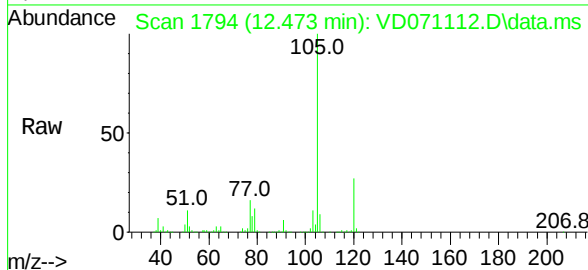




Isopropylbenzene
Concen: 55.32 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

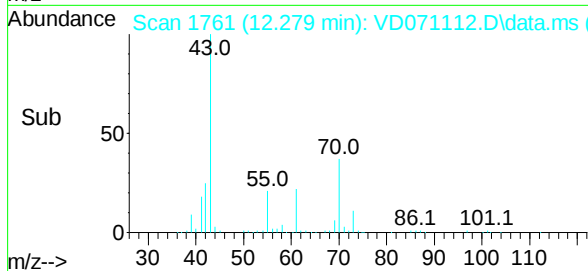
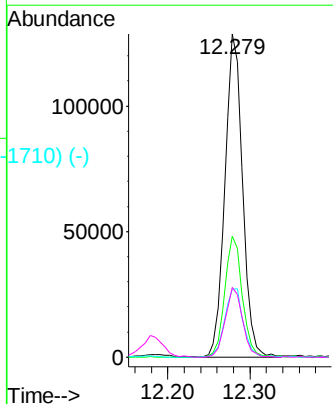
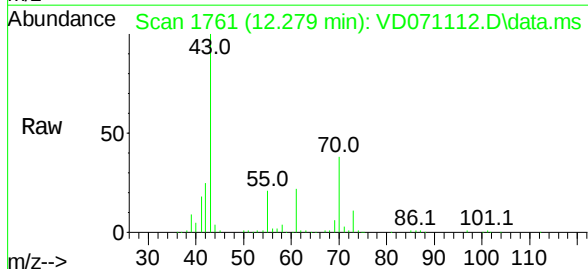
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 789108
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5



N-ethyl acetate
Concen: 49.46 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

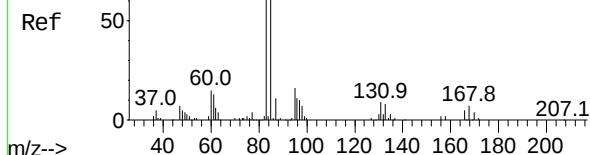
Tgt Ion: 43 Resp: 192910
Ion Ratio Lower Upper
43 100
70 37.1 36.6 55.0
55 22.4 22.5 33.7#
61 21.3 20.5 30.7



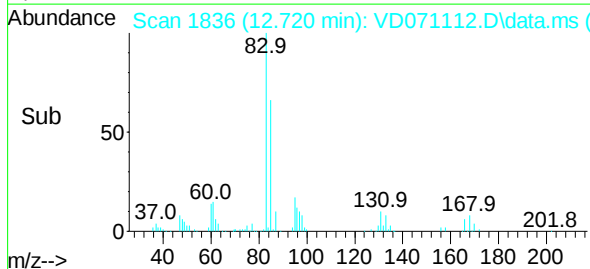
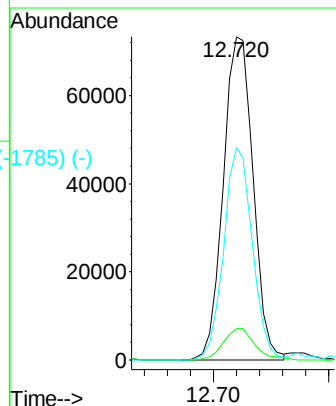
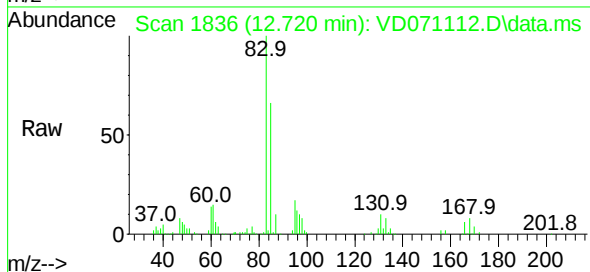
Abundance Scan 1836 (12.720 min): VD071075.D\data.ms (-1875) (-)

1,1,2,2-Tetrachloroethane
Concen: 56.06 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :



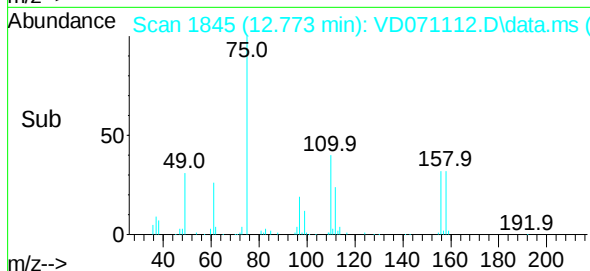
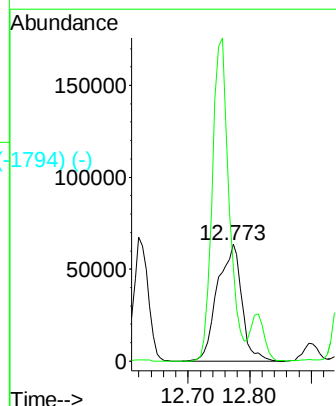
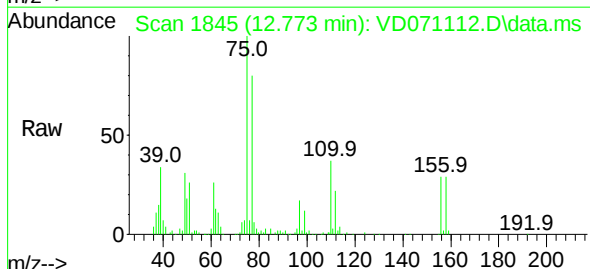
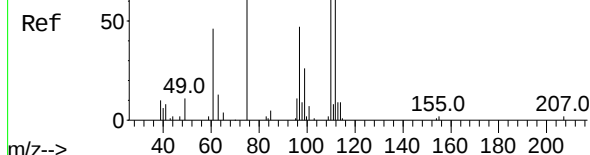
Tgt Ion:	83	Resp:	131687
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.9	14.7
85	63.1	32.0	96.2

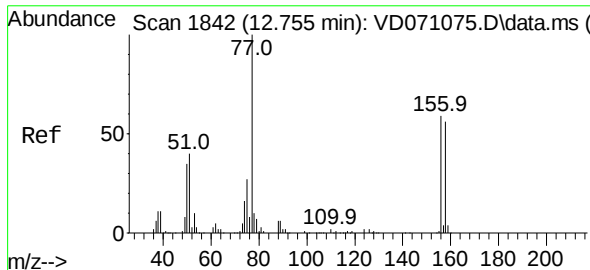


Abundance Scan 1845 (12.773 min): VD071075.D\data.ms (-1875) (-)

1,2,3-Trichloropropane
Concen: 92.58 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion:	75	Resp:	173775
Ion	Ratio	Lower	Upper
75	100		
77	191.7	158.4	475.3

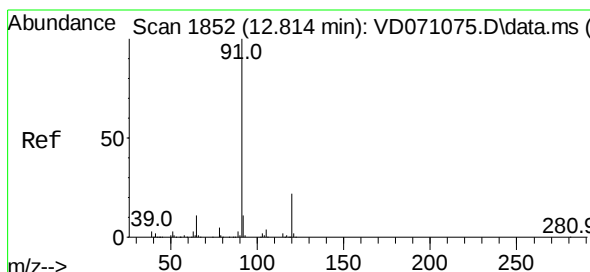
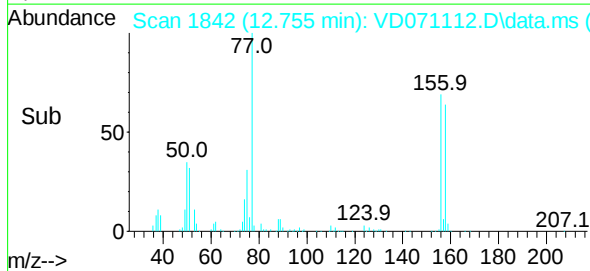
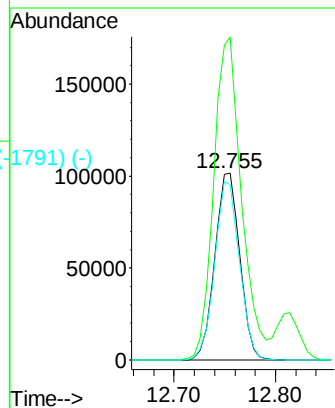
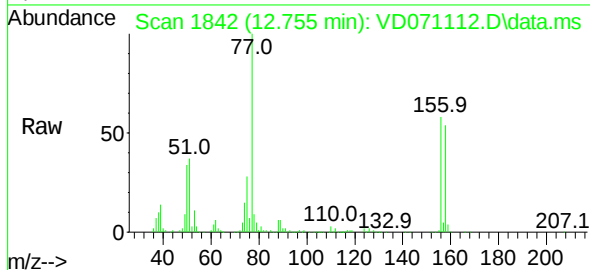




Bromobenzene
Concen: 55.92 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

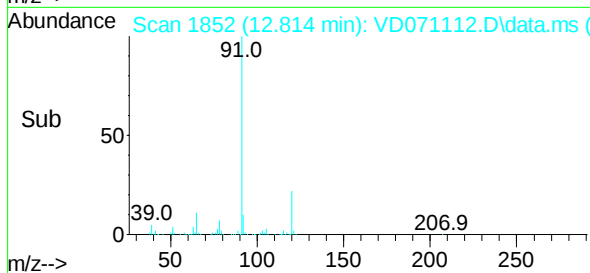
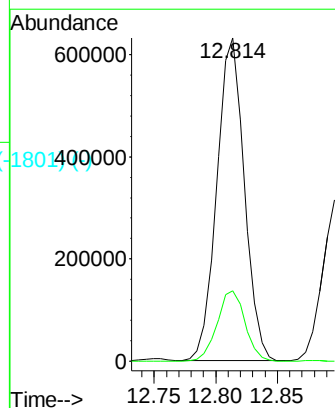
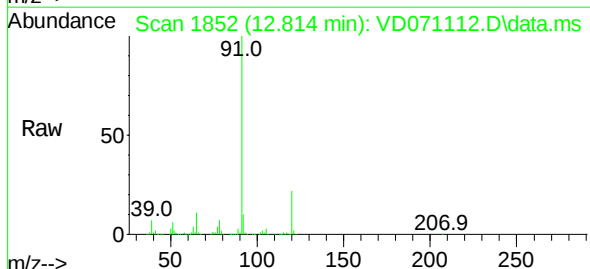
Instrument :
MSVOA_D
ClientSampleId :

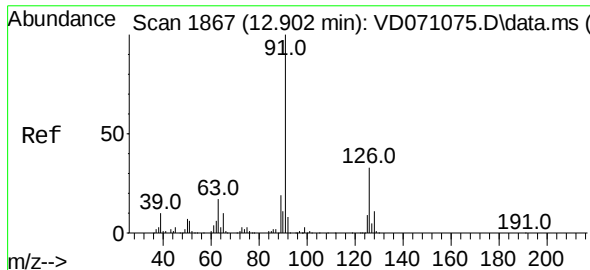
Tgt Ion:156 Resp: 172772
Ion Ratio Lower Upper
156 100
77 192.9 96.6 289.8
158 95.1 49.1 147.4



n-propylbenzene
Concen: 55.48 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion: 91 Resp: 985638
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9

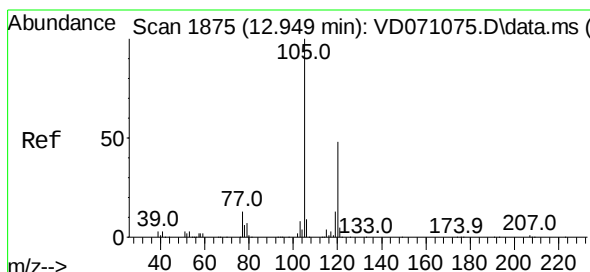
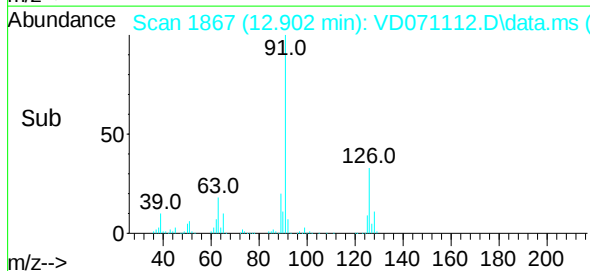
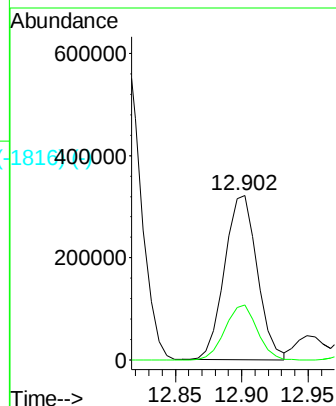
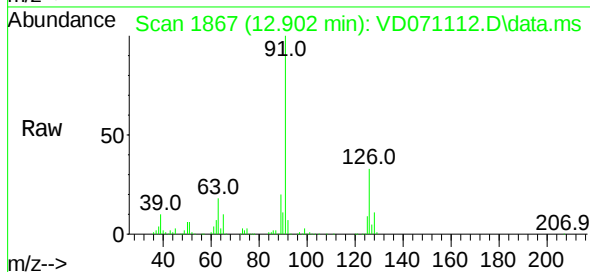




2-Chlorotoluene
Concen: 55.29 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

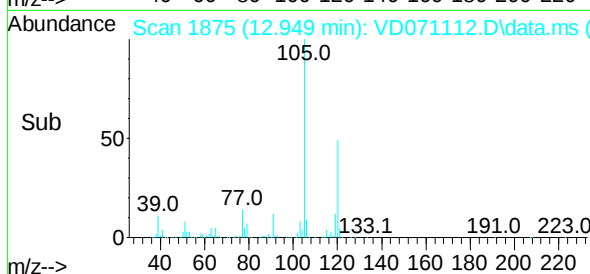
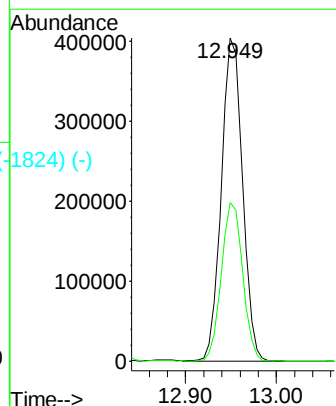
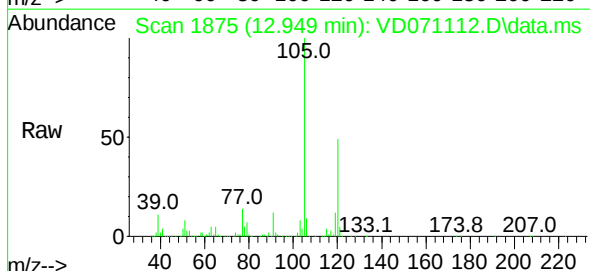
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 551258
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.7



1,3,5-Trimethylbenzene
Concen: 55.74 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

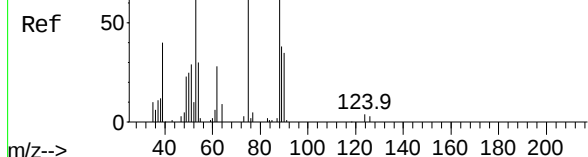
Tgt Ion:105 Resp: 655696
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.8



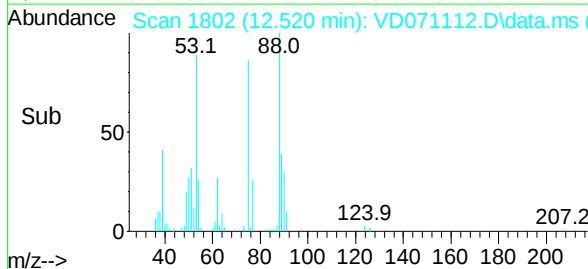
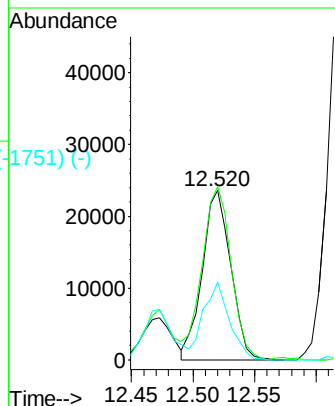
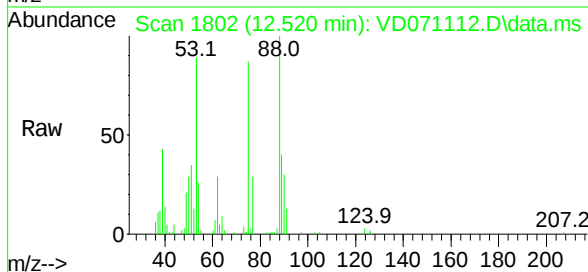
Abundance Scan 1802 (12.520 min): VD071075.D\data.ms (-1751) (-)

trans-1,4-Dichloro-2-butene
Concen: 47.33 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :



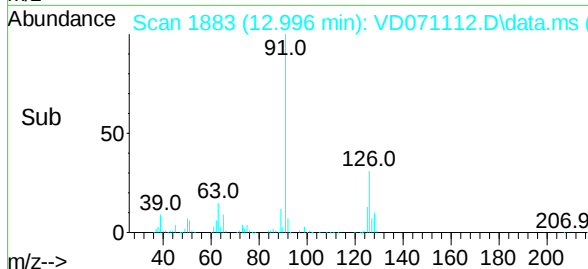
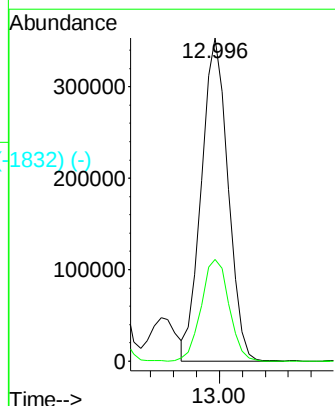
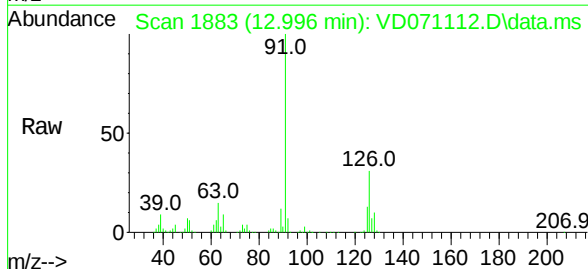
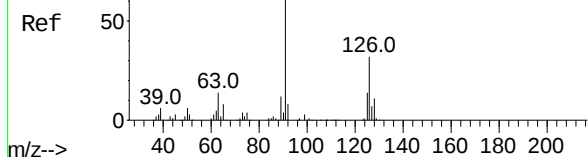
Tgt Ion:	75	Resp:	37701
Ion	Ratio	Lower	Upper
75	100		
53	104.9	62.6	94.0#
89	42.5	34.5	51.7

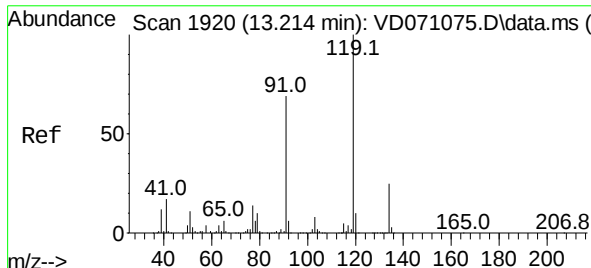


Abundance Scan 1883 (12.997 min): VD071075.D\data.ms (-1832) (-)

4-Chlorotoluene
Concen: 54.76 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion:	91	Resp:	566825
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.1

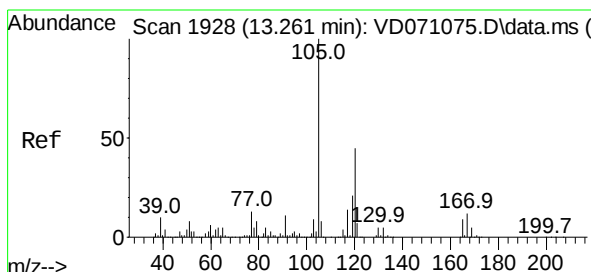
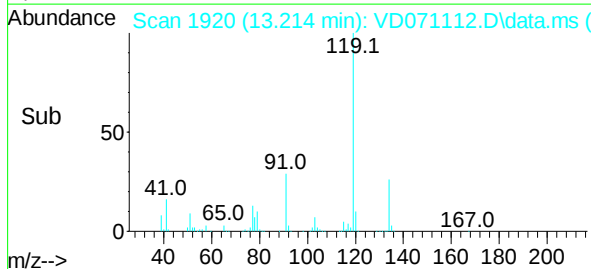
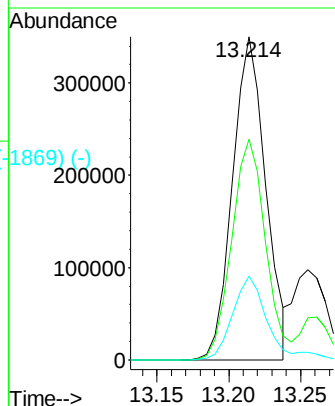
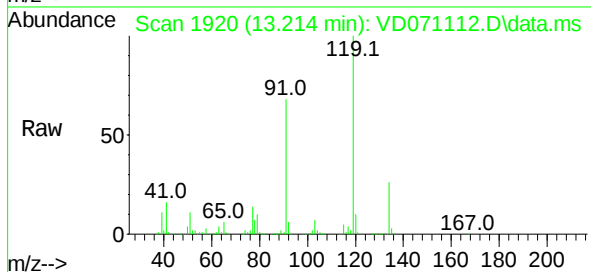




tert-Butylbenzene
Concen: 55.40 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

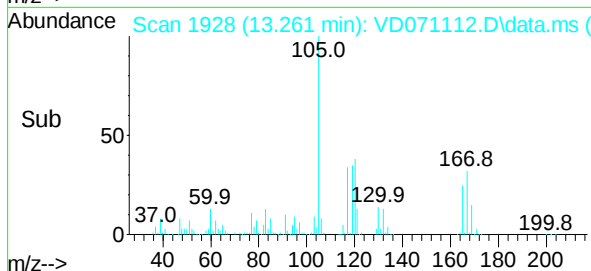
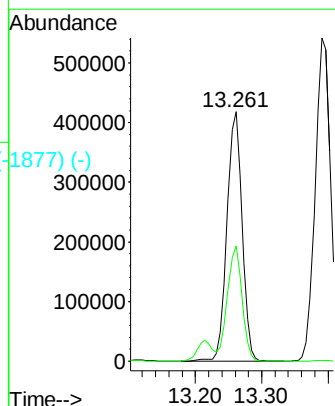
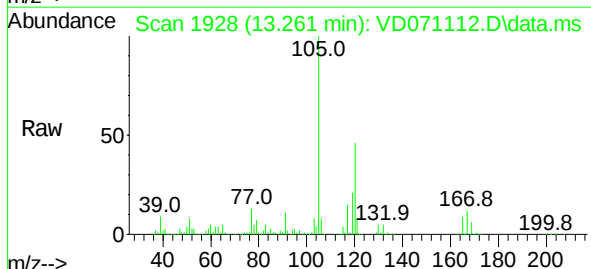
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	119	Resp:	559688
Ion	Ratio	Lower	Upper
119	100		
91	69.8	32.5	97.5
134	27.4	13.2	39.6



1,2,4-Trimethylbenzene
Concen: 57.13 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion:	105	Resp:	656071
Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.9	68.7



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

sec-Butylbenzene

Concen: 56.62 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.001 min

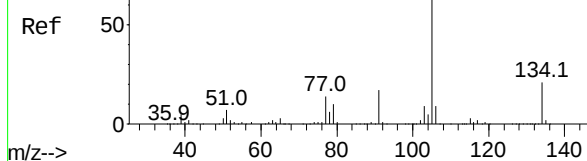
Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :

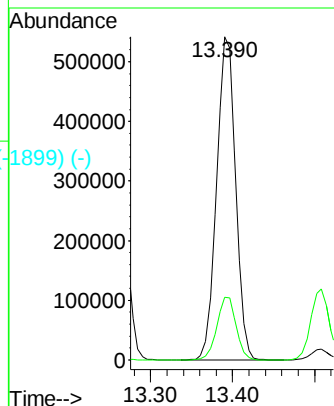
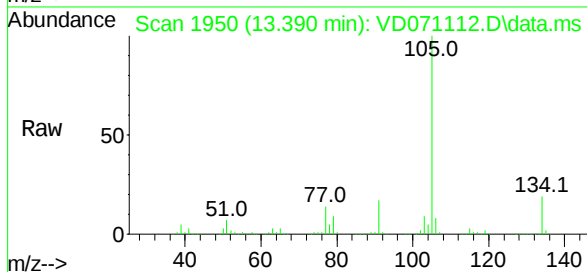


Tgt Ion:105 Resp: 873643

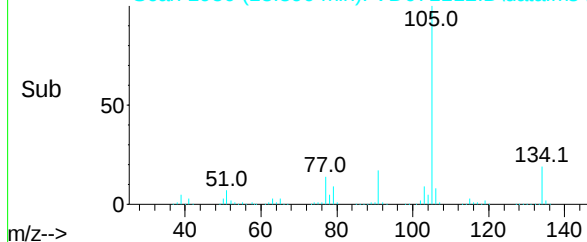
Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



Abundance Scan 1950 (13.390 min): VD071112.D\data.ms (-1899) (-)



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

p-Isopropyltoluene

Concen: 56.76 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. 0.000 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

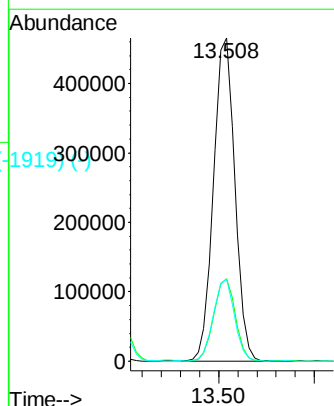
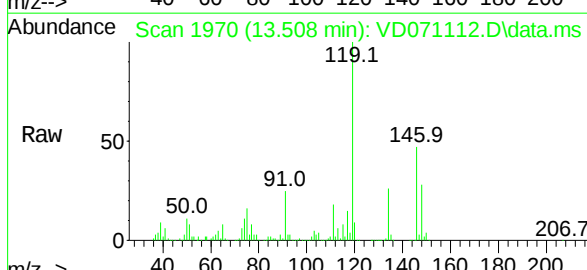
Tgt Ion:119 Resp: 716365

Ion Ratio Lower Upper

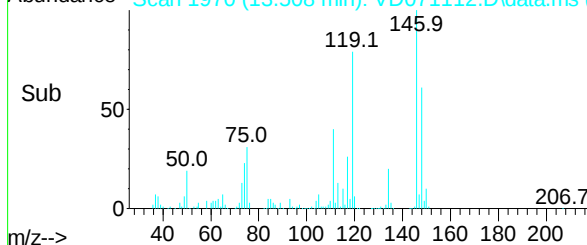
119 100

134 25.8 13.0 38.9

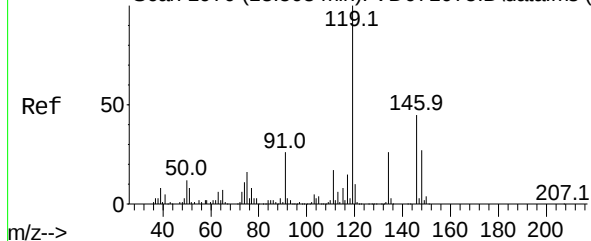
91 25.1 11.4 34.2



Abundance Scan 1970 (13.508 min): VD071112.D\data.ms (-1919) (-)



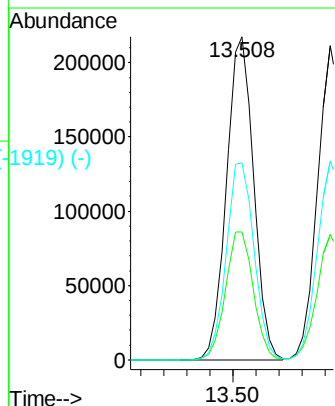
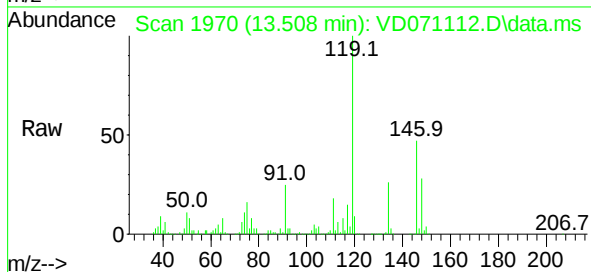
Abundance Scan 1970 (13.508 min): VD071075.D\data.ms (-1987) (-)



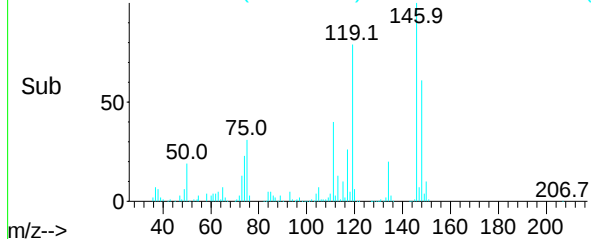
1,3-Dichlorobenzene
Concen: 57.83 ug/l
RT: 13.508 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :

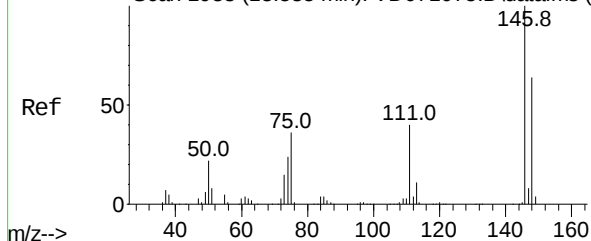
Tgt Ion:	146	Resp:	355716
Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.8	59.4
148	62.6	32.1	96.3



Abundance Scan 1970 (13.508 min): VD071112.D\data.ms (-1919) (-)

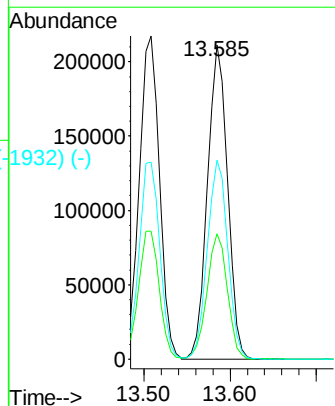
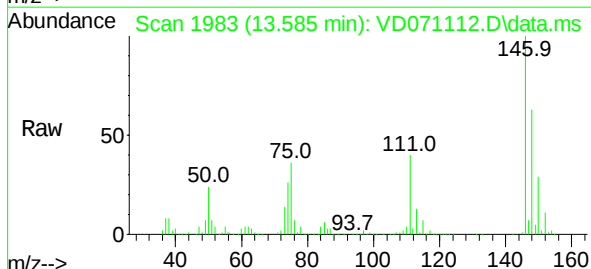


Abundance Scan 1983 (13.585 min): VD071075.D\data.ms (-1988) (-)

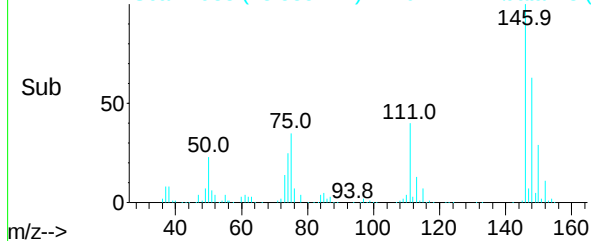


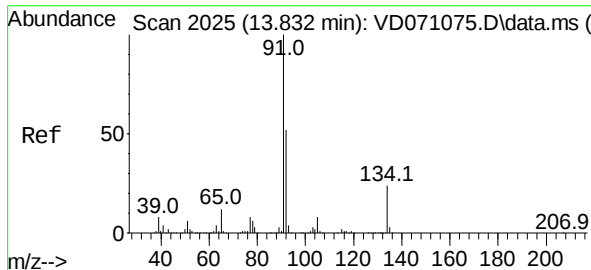
1,4-Dichlorobenzene
Concen: 55.96 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion:	146	Resp:	340990
Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	64.4	31.5	94.5



Abundance Scan 1983 (13.585 min): VD071112.D\data.ms (-1932) (-)

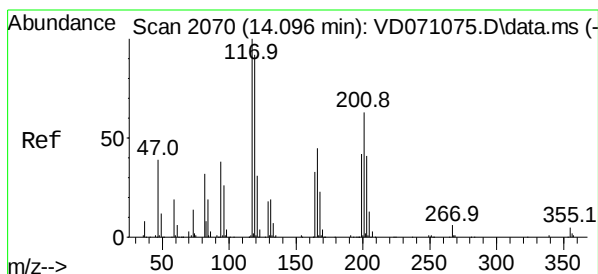
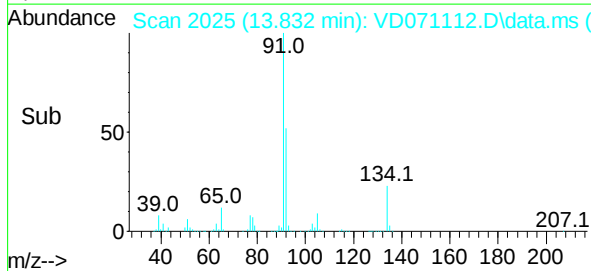
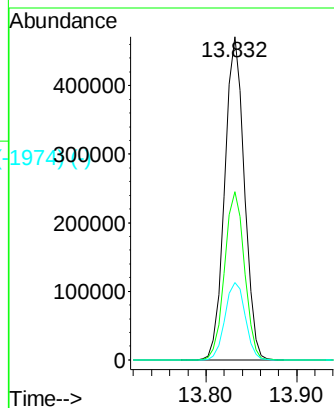
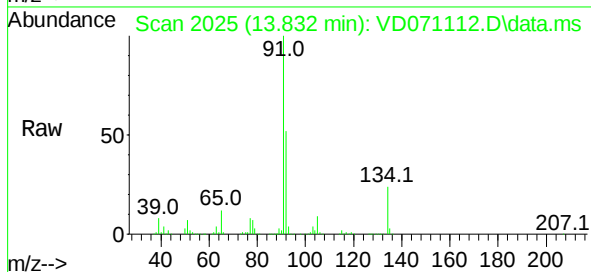




n-Butylbenzene
Concen: 57.47 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

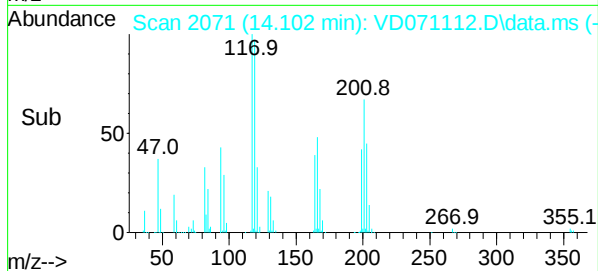
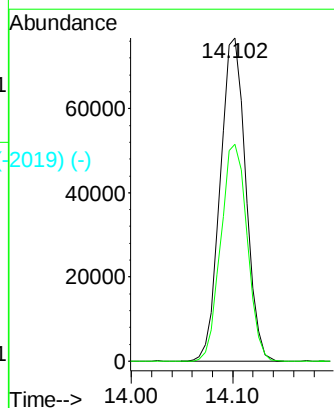
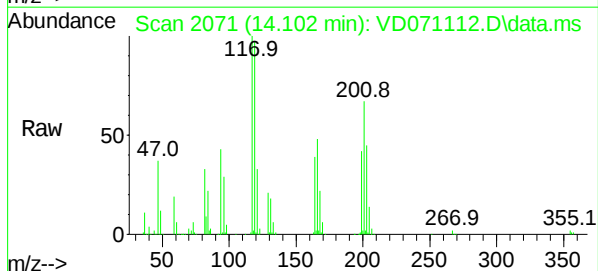
Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 707986
Ion Ratio Lower Upper
91 100
92 52.6 27.3 81.9
134 24.7 12.3 36.9

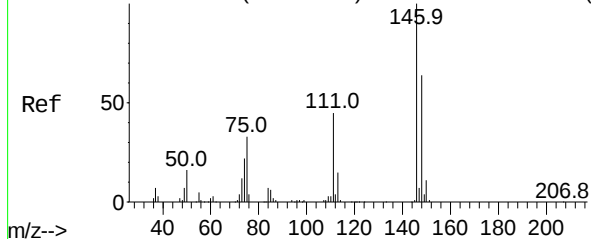


Hexachloroethane
Concen: 56.16 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion:117 Resp: 134350
Ion Ratio Lower Upper
117 100
201 69.4 36.0 108.1



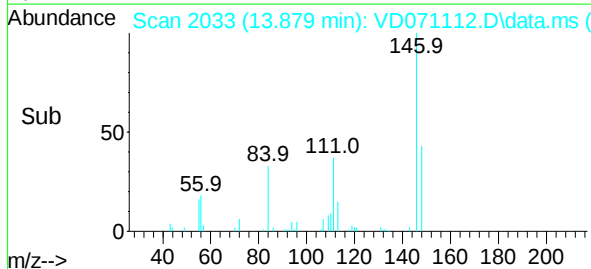
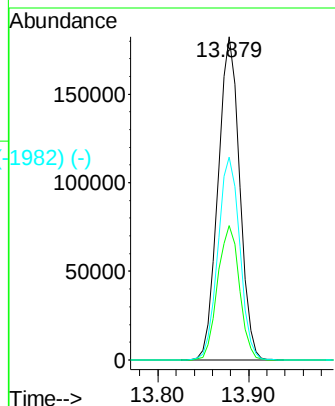
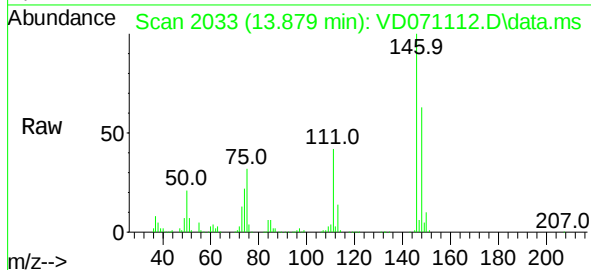
Abundance Scan 2033 (13.879 min): VD071075.D\data.ms (-2024) (-)



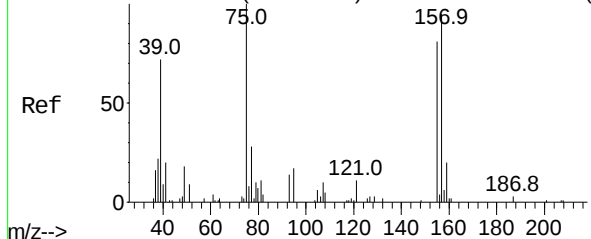
1,2-Dichlorobenzene
Concen: 57.70 ug/l
RT: 13.879 min Scan# 2129
Delta R.T. -0.000 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 301836
Ion Ratio Lower Upper
146 100
111 41.8 20.8 62.2
148 63.2 31.7 95.1

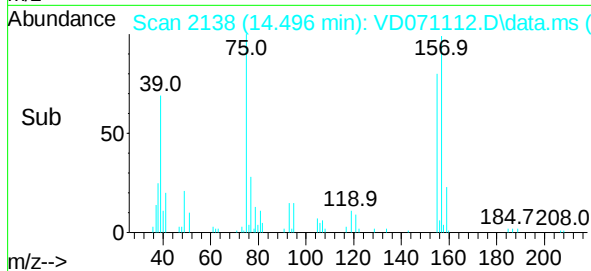
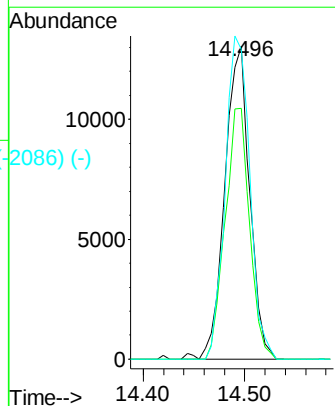
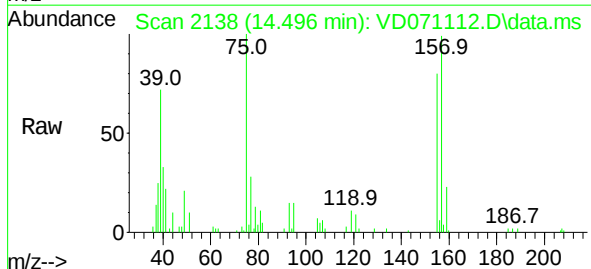


Abundance Scan 2137 (14.491 min): VD071075.D\data.ms (-2129) (-)



1,2-Dibromo-3-Chloropropane
Concen: 58.18 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.005 min
Lab File: VD071112.D
Acq: 02 Dec 2021 11:37

Tgt Ion: 75 Resp: 22256
Ion Ratio Lower Upper
75 100
155 78.5 40.0 120.0
157 102.0 49.8 149.3



Abundance Scan 2248 (15.143 min): VD071075.D\data.ms (-2799) (-)

1,2,4-Trichlorobenzene

Concen: 58.27 ug/l

RT: 15.149 min Scan# 2248

Delta R.T. 0.006 min

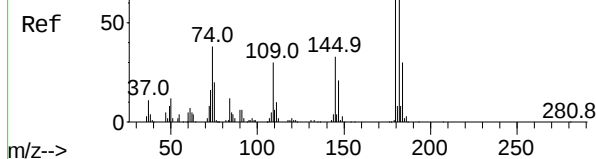
Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

Instrument :

MSVOA_D

ClientSampleId :



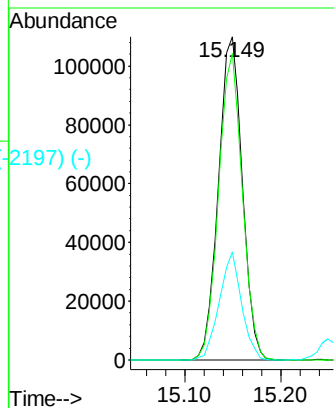
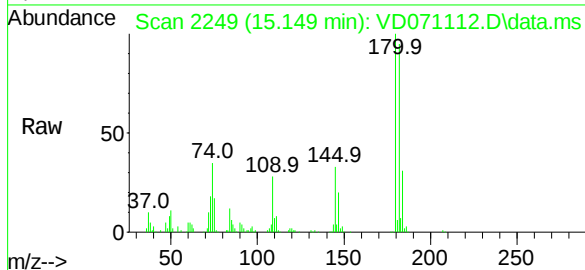
Tgt Ion:180 Resp: 190122

Ion Ratio Lower Upper

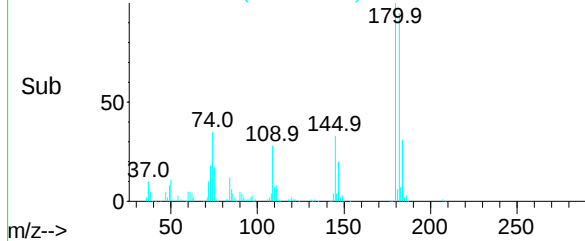
180 100

182 94.2 48.2 144.6

145 31.3 15.4 46.2



Abundance Scan 2249 (15.149 min): VD071112.D\data.ms (-2197) (-)



Abundance Scan 2267 (15.255 min): VD071075.D\data.ms (-2799) (-)

Hexachlorobutadiene

Concen: 57.07 ug/l

RT: 15.255 min Scan# 2267

Delta R.T. 0.000 min

Lab File: VD071112.D

Acq: 02 Dec 2021 11:37

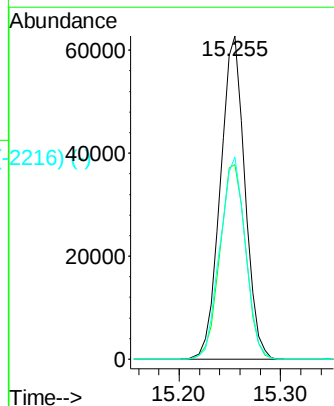
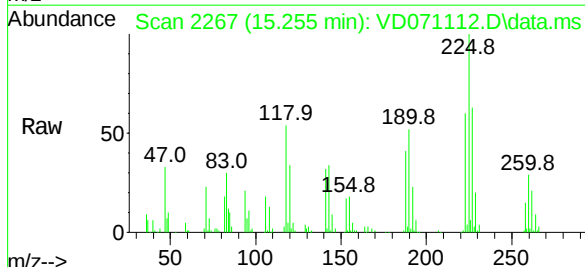
Tgt Ion:225 Resp: 105352

Ion Ratio Lower Upper

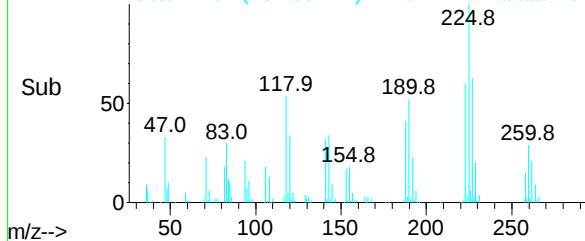
225 100

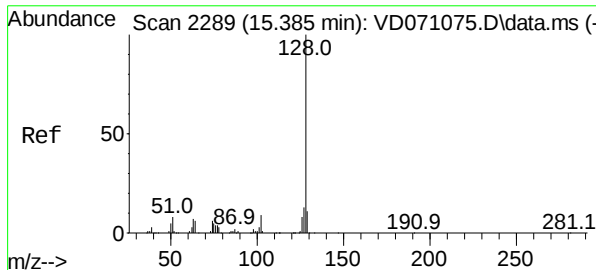
223 63.4 31.8 95.3

227 64.7 31.6 94.8



Abundance Scan 2267 (15.255 min): VD071112.D\data.ms (-2216) (-)

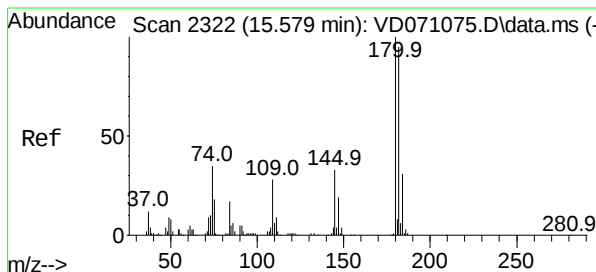
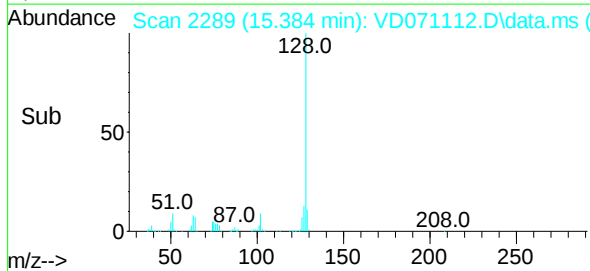
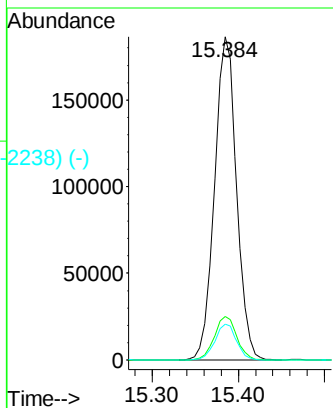
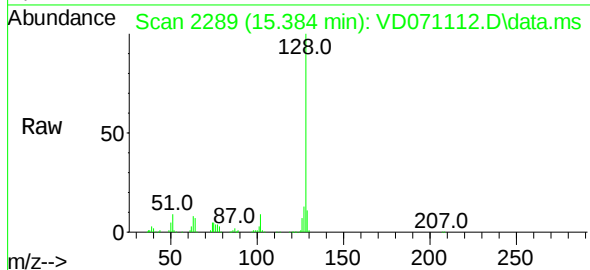




Scan 2289 (15.385 min): VD071075.D\data.ms (-2289) (-)
 Naphthalene
 Concen: 57.71 ug/l
 RT: 15.384 min Scan# 2289
 Delta R.T. -0.001 min
 Lab File: VD071112.D
 Acq: 02 Dec 2021 11:37

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	331908
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	10.8	8.7	13.1



Scan 2322 (15.579 min): VD071075.D\data.ms (-2322) (-)
 1,2,3-Trichlorobenzene
 Concen: 58.58 ug/l
 RT: 15.579 min Scan# 2322
 Delta R.T. -0.000 min
 Lab File: VD071112.D
 Acq: 02 Dec 2021 11:37

Tgt Ion:	180	Resp:	162335
Ion	Ratio	Lower	Upper
180	100		
182	92.4	46.7	140.1
145	34.2	15.9	47.6

