

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071125.D
 Acq On : 02 Dec 2021 18:34
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 03 00:41:27 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	7.979	168	249051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	418492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	392085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	195060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159024	54.42	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	108.84%	
35) Dibromofluoromethane	7.908	113	141094	52.95	ug/l	-0.01
Spiked Amount 50.000	Range 54	- 147	Recovery	=	105.90%	
50) Toluene-d8	10.332	98	506496	49.94	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.626	95	186766	53.13	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	106.26%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	95700	45.06	ug/l	98
3) Chloromethane	2.209	50	160373	57.08	ug/l	99
4) Vinyl Chloride	2.350	62	188410	60.10	ug/l	97
5) Bromomethane	2.767	94	122880	54.38	ug/l	97
6) Chloroethane	2.920	64	129922	60.26	ug/l	94
7) Trichlorofluoromethane	3.273	101	228440	53.79	ug/l	92
8) Diethyl Ether	3.709	74	66126	57.44	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	134656	53.75	ug/l	95
10) Methyl Iodide	4.303	142	130485	45.28	ug/l	95
11) Tert butyl alcohol	5.208	59	52833	289.33	ug/l	95
12) 1,1-Dichloroethene	4.073	96	117251	50.71	ug/l	90
13) Acrolein	3.920	56	41300	206.81	ug/l	99
14) Allyl chloride	4.714	41	237218	54.02	ug/l #	81
15) Acrylonitrile	5.414	53	177272	316.63	ug/l	96
16) Acetone	4.150	43	214115	272.73	ug/l	89
17) Carbon Disulfide	4.409	76	336145	49.66	ug/l	98
18) Methyl Acetate	4.714	43	132581	61.49	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	343845	60.68	ug/l	97
20) Methylene Chloride	4.961	84	153477	52.23	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	143408	55.10	ug/l	93
22) Diisopropyl ether	6.361	45	521590	59.28	ug/l	92
23) Vinyl Acetate	6.303	43	1268166	264.73	ug/l	98
24) 1,1-Dichloroethane	6.261	63	285187	56.35	ug/l	99
25) 2-Butanone	7.208	43	252828	278.46	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	227665	49.47	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	164986	56.03	ug/l	93
28) Bromochloromethane	7.544	49	122103	55.55	ug/l	89
29) Tetrahydrofuran	7.561	42	147434	317.72	ug/l	94
30) Chloroform	7.708	83	293146	57.72	ug/l	97
31) Cyclohexane	7.979	56	239462	48.17	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	251560	55.17	ug/l	94
36) 1,1-Dichloropropene	8.108	75	210596	53.84	ug/l	97
37) Ethyl Acetate	7.291	43	103842	61.46	ug/l #	92
38) Carbon Tetrachloride	8.097	117	213864	55.47	ug/l	96
39) Methylcyclohexane	9.355	83	242363	51.52	ug/l	100

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 Quant Title : Sw846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.349	78	595505	56.05	ug/l	97
41) Methacrylonitrile	7.520	41	60005	67.67	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	198641	61.25	ug/l	94
43) Isopropyl Acetate	8.449	43	209693	55.74	ug/l #	89
44) Trichloroethene	9.108	130	154570	54.57	ug/l	92
45) 1,2-Dichloropropane	9.379	63	163223	58.42	ug/l	92
46) Dibromomethane	9.473	93	88493	61.05	ug/l	95
47) Bromodichloromethane	9.655	83	231224	60.32	ug/l	95
48) Methyl methacrylate	9.449	41	103260	62.44	ug/l #	84
49) 1,4-Dioxane	9.455	88	19381	1385.06	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	546115	282.15	ug/l	91
52) Toluene	10.396	92	382529	56.75	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	207773	58.95	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	237698	56.77	ug/l #	83
55) 1,1,2-Trichloroethane	10.796	97	117509	61.79	ug/l	96
56) Ethyl methacrylate	10.655	69	151112	54.58	ug/l #	77
57) 1,3-Dichloropropane	10.938	76	209858	62.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	349415	270.02	ug/l	100
59) 2-Hexanone	10.979	43	397202	273.00	ug/l	90
60) Dibromochloromethane	11.132	129	147126	62.25	ug/l	99
61) 1,2-Dibromoethane	11.238	107	112804	61.77	ug/l	100
64) Tetrachloroethene	10.867	164	133896	53.79	ug/l	97
65) Chlorobenzene	11.661	112	405078	55.68	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	152929	57.57	ug/l	99
67) Ethyl Benzene	11.738	91	738749	53.94	ug/l	99
68) m/p-Xylenes	11.843	106	567271	109.72	ug/l	95
69) o-Xylene	12.173	106	268979	55.35	ug/l	95
70) Styrene	12.185	104	471609	57.58	ug/l	96
71) Bromoform	12.349	173	85003	61.77	ug/l	99
73) Isopropylbenzene	12.473	105	727051	51.48	ug/l	99
74) N-amyl acetate	12.279	43	193680	50.08	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	137558	59.14	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	178667	96.14	ug/l #	1
77) Bromobenzene	12.749	156	161325	52.73	ug/l	98
78) n-propylbenzene	12.814	91	894143	50.84	ug/l	99
79) 2-Chlorotoluene	12.896	91	507145	51.37	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	607940	52.20	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	38762	48.92	ug/l #	76
82) 4-Chlorotoluene	12.996	91	527658	51.49	ug/l	99
83) tert-Butylbenzene	13.214	119	517552	51.74	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	606727	53.36	ug/l	98
85) sec-Butylbenzene	13.390	105	786151	51.46	ug/l	98
86) p-Isopropyltoluene	13.508	119	647674	51.83	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	328473	53.94	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	329725	54.65	ug/l	99
89) n-Butylbenzene	13.832	91	628345	51.51	ug/l	99
90) Hexachloroethane	14.096	117	124774	52.68	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	290755	56.14	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.484	75	22755	60.07	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	179256	55.49	ug/l	98
94) Hexachlorobutadiene	15.249	225	94036	51.45	ug/l	98
95) Naphthalene	15.384	128	340601	59.81	ug/l	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.579	180	159352	58.08	ug/l	99

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

Abundance Scan 1031 (7.985 min): VD071075.D\data.ms (-1019) (-)

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan#

Delta R.T. -0.006 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:168 Resp: 249051

Ion Ratio Lower Upper

168 100

99 56.2 46.6 69.8

Abundance Scan 1030 (7.979 min): VD071125.D\data.ms

Ref 50

56.0 84.1 168.0

Raw 50

37.0 56.0 84.1 117.0 137.0 168.0

m/z-->

Abundance Scan 1030 (7.979 min): VD071125.D\data.ms (-980) (-)

Sub 50

56.0 84.0 168.0

38.0 56.0 84.0 117.0 137.0 168.0

m/z-->

Abundance

100000

80000

60000

40000

20000

0

7.90 8.00 8.10

Time-->

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

Dichlorodifluoromethane

Concen: 45.06 ug/l

RT: 1.991 min Scan# 12

Delta R.T. -0.000 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Tgt Ion: 85 Resp: 95700

Ion Ratio Lower Upper

85 100

87 31.3 15.2 45.6

Abundance Scan 12 (1.991 min): VD071125.D\data.ms

Ref 50

84.9

Raw 50

36.9 50.0 65.9 84.9 100.9

m/z-->

Abundance Scan 12 (1.991 min): VD071125.D\data.ms (-1) (-)

Sub 50

84.9

36.9 50.0 65.9 84.9 100.9

m/z-->

Abundance

60000

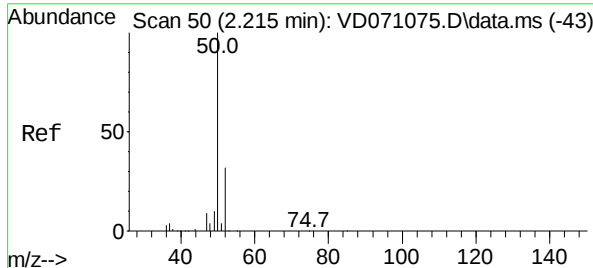
40000

20000

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1.90 1.95 2.00 2.05

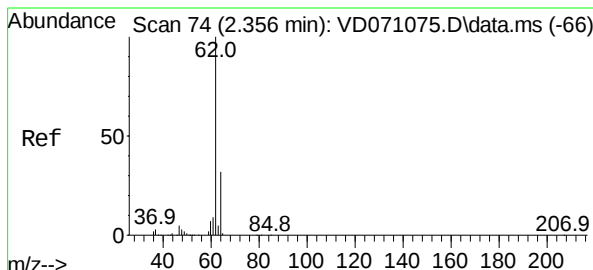
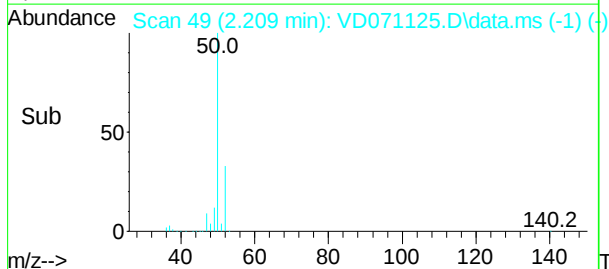
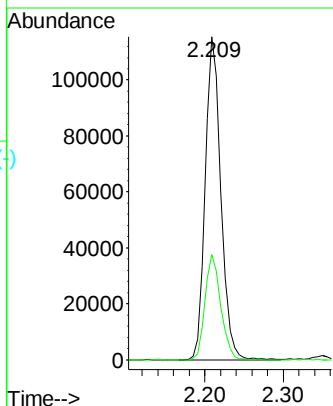
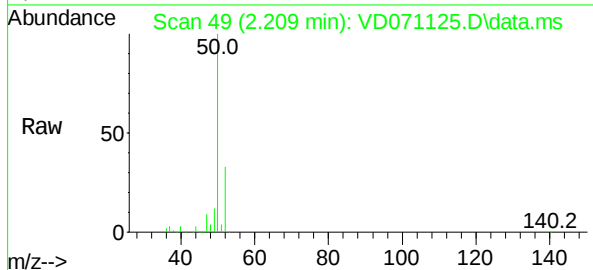
Time-->



(#3
Chloromethane
Concen: 57.08 ug/l
RT: 2.209 min Scan# 4
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

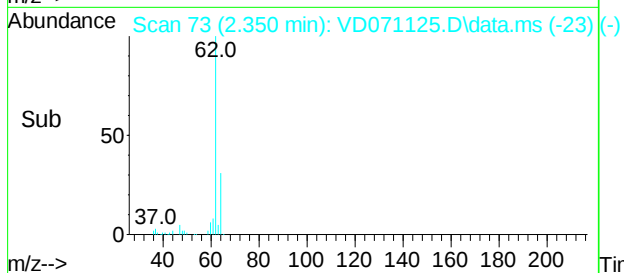
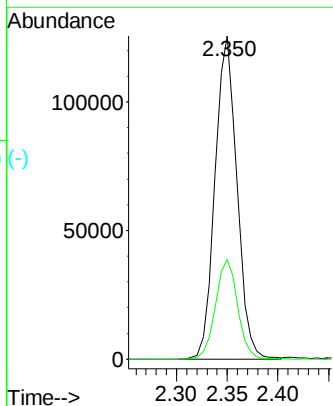
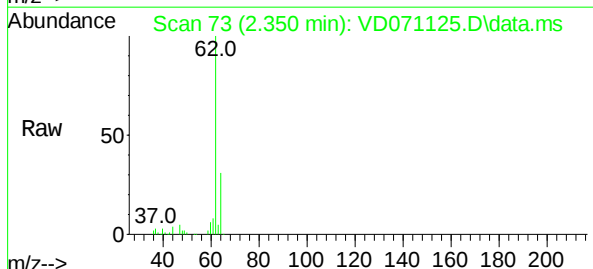
Instrument :
MSVOA_D
ClientSampleId :

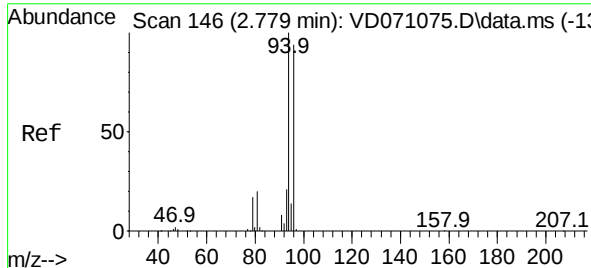
Tgt Ion: 50 Resp: 160373
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.8



(#4
Vinyl Chloride
Concen: 60.10 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion: 62 Resp: 188410
Ion Ratio Lower Upper
62 100
64 30.8 26.0 39.0





Bromomethane

Concen: 54.38 ug/l

RT: 2.767 min Scan# 146

Delta R.T. -0.012 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

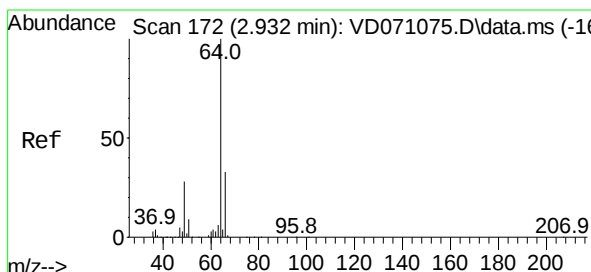
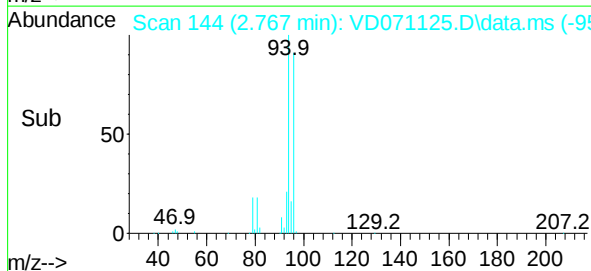
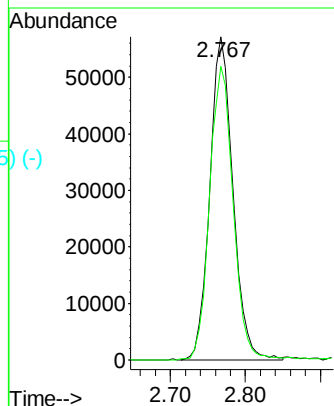
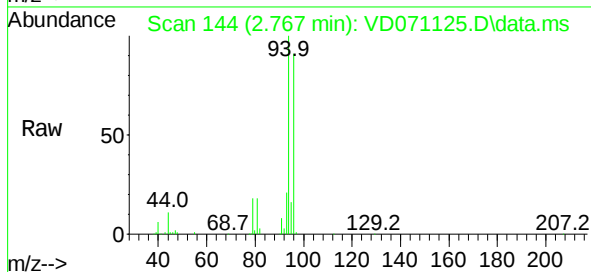
ClientSampleId :

Tgt Ion: 94 Resp: 122880

Ion Ratio Lower Upper

94 100

96 90.4 74.8 112.2



Chloroethane

Concen: 60.26 ug/l

RT: 2.920 min Scan# 170

Delta R.T. -0.012 min

Lab File: VD071125.D

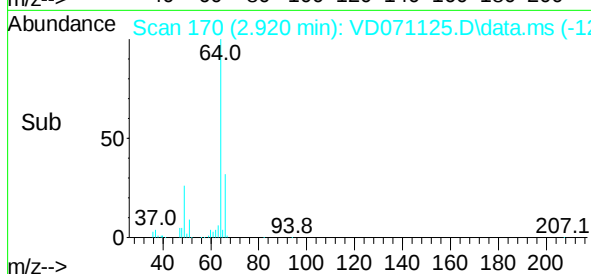
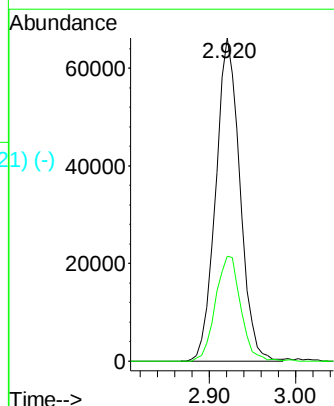
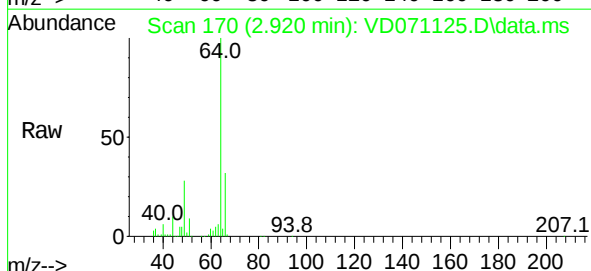
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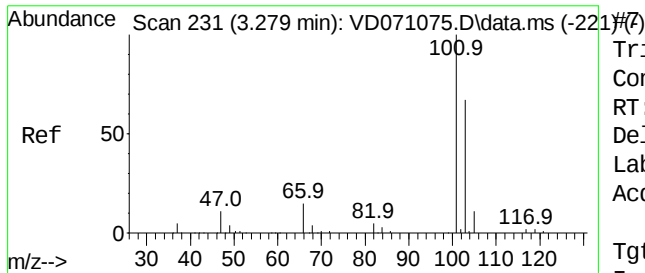
Tgt Ion: 64 Resp: 129922

Ion Ratio Lower Upper

64 100

66 32.5 29.0 43.4

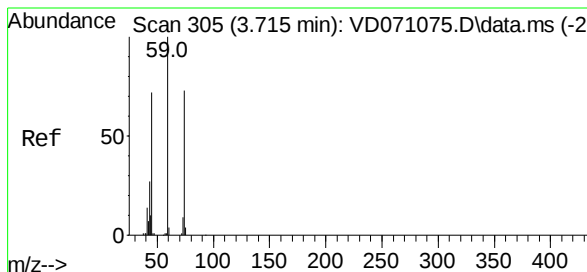
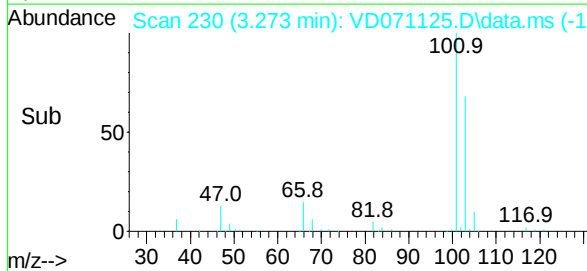
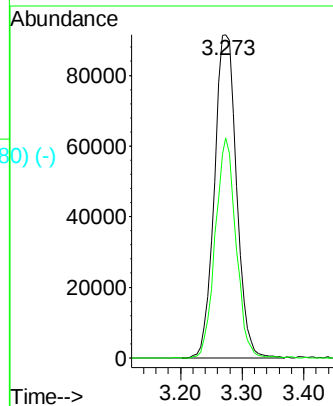
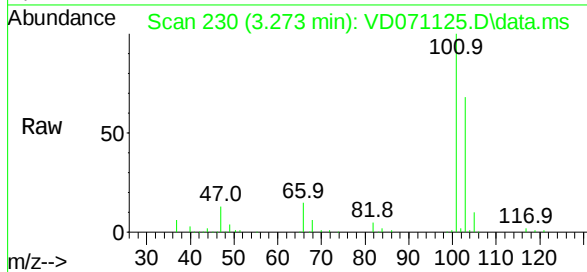




Trichlorofluoromethane
 Concen: 53.79 ug/l
 RT: 3.273 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VD071125.D
 Acq: 02 Dec 2021 18:34

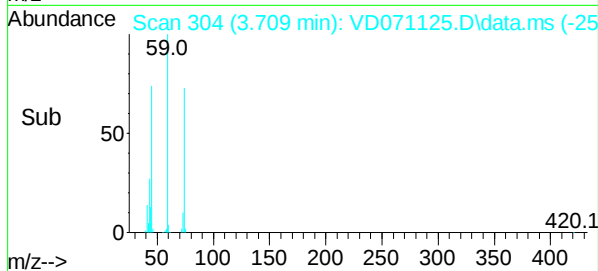
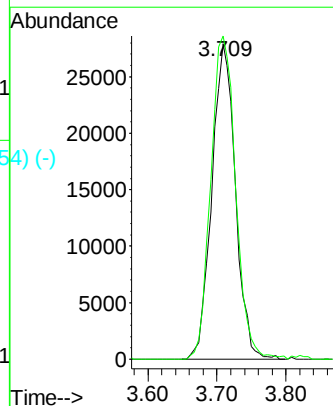
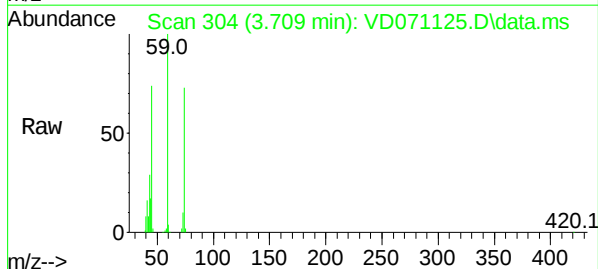
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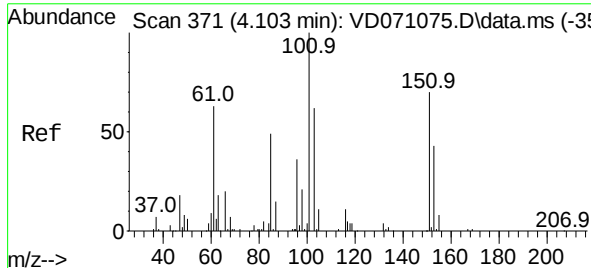
Tgt Ion:101 Resp: 228440
 Ion Ratio Lower Upper
 101 100
 103 68.2 49.7 74.5



Diethyl Ether
 Concen: 57.44 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD071125.D
 Acq: 02 Dec 2021 18:34

Tgt Ion: 74 Resp: 66126
 Ion Ratio Lower Upper
 74 100
 45 108.3 49.6 149.0





1,1,2-Trichlorotrifluoroethane

Concen: 53.75 ug/l

RT: 4.091 min Scan# 409

Delta R.T. -0.012 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

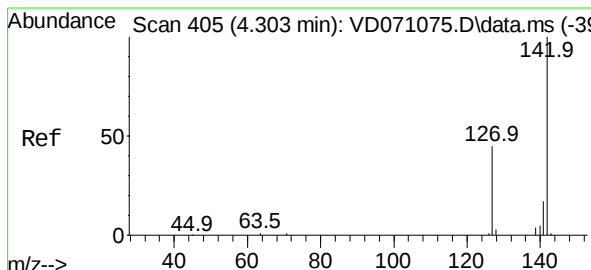
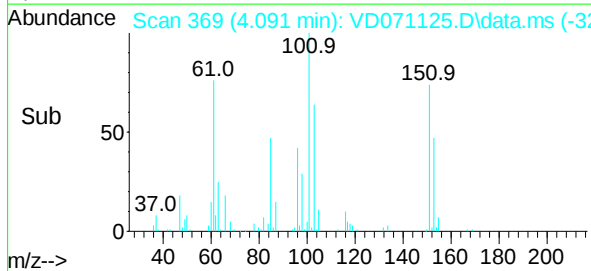
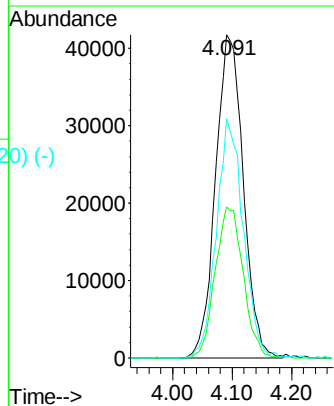
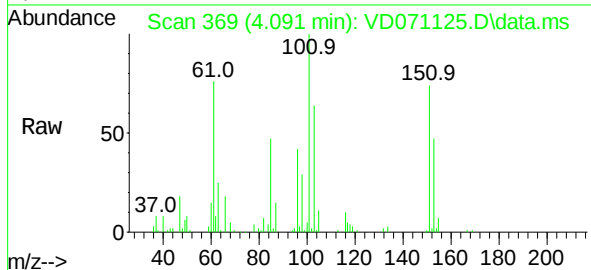
Tgt Ion:101 Resp: 134656

Ion Ratio Lower Upper

101 100

85 47.2 34.8 52.2

151 71.7 60.4 90.6



Methyl Iodide

Concen: 45.28 ug/l

RT: 4.303 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

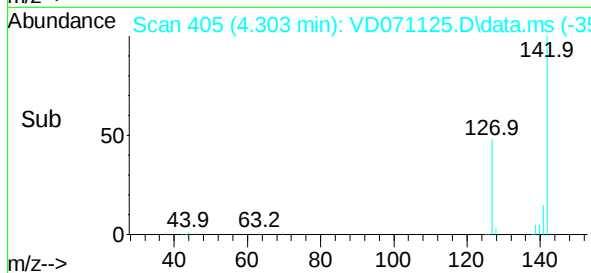
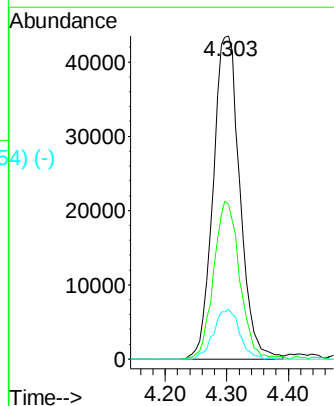
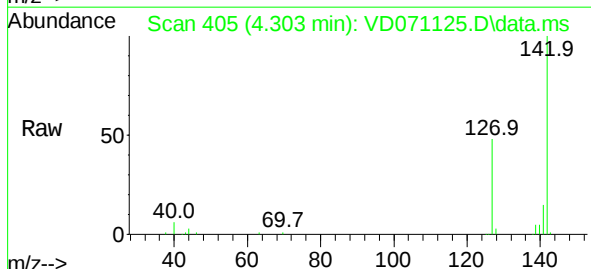
Tgt Ion:142 Resp: 130485

Ion Ratio Lower Upper

142 100

127 47.8 35.0 52.4

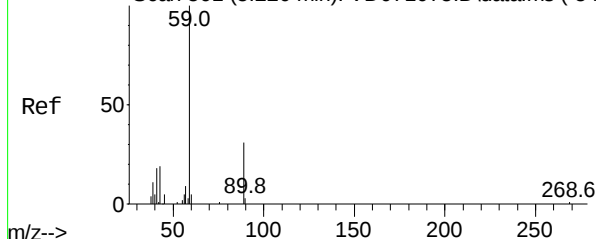
141 15.0 12.0 18.0



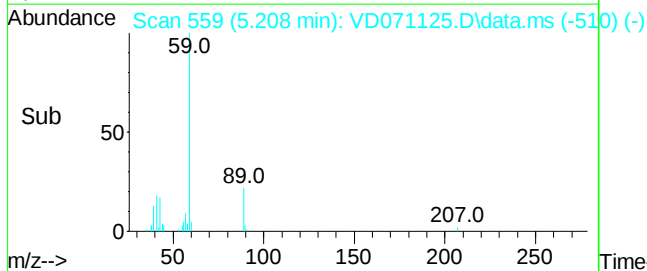
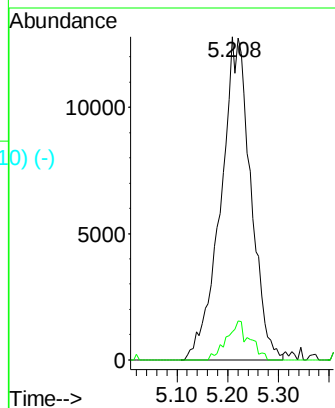
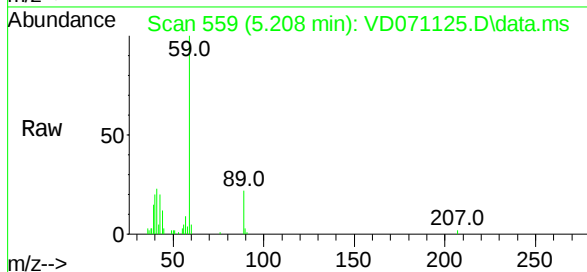
Abundance Scan 561 (5.220 min): VD071075.D\data.ms (-542) #11

Tert butyl alcohol
Concen: 289.33 ug/l
RT: 5.208 min Scan# 366
Delta R.T. -0.012 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Instrument :
MSVOA_D
ClientSampleId :



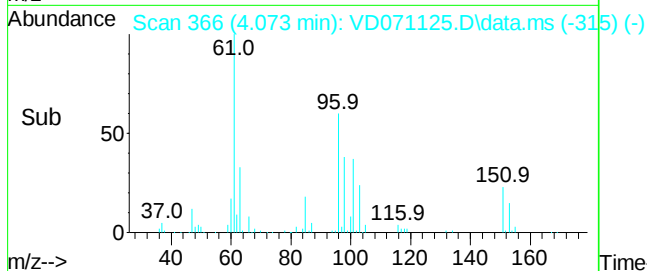
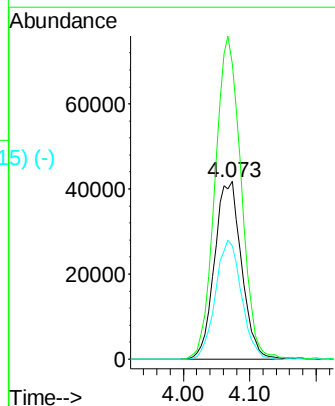
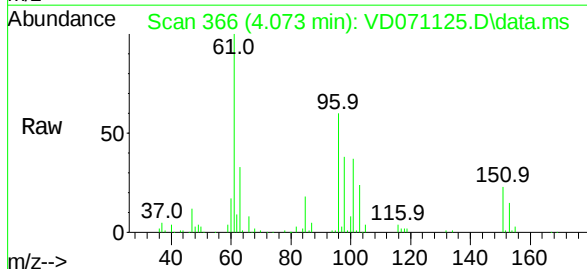
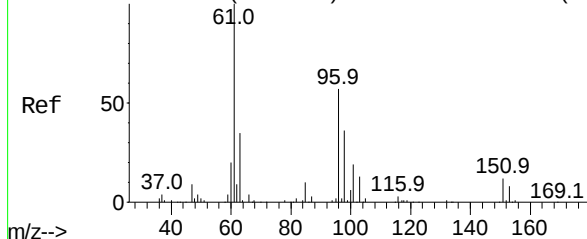
Tgt Ion: 59 Resp: 52833
Ion Ratio Lower Upper
59 100
57 9.1 9.0 13.4

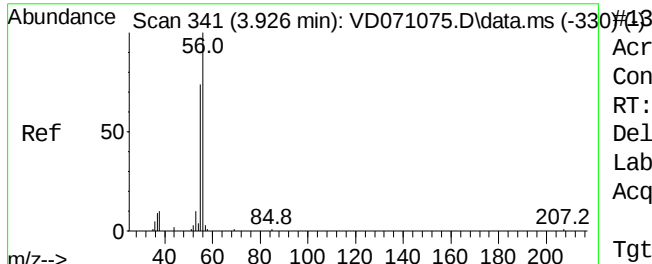


Abundance Scan 366 (4.073 min): VD071075.D\data.ms (-354) #12

1,1-Dichloroethene
Concen: 50.71 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion: 96 Resp: 117251
Ion Ratio Lower Upper
96 100
61 166.0 120.3 180.5
98 63.9 54.4 81.6





Acrolein

Concen: 206.81 ug/l

RT: 3.920 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

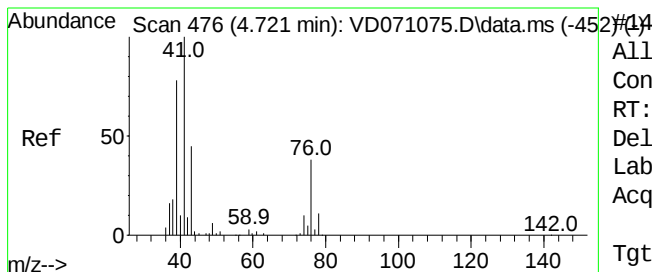
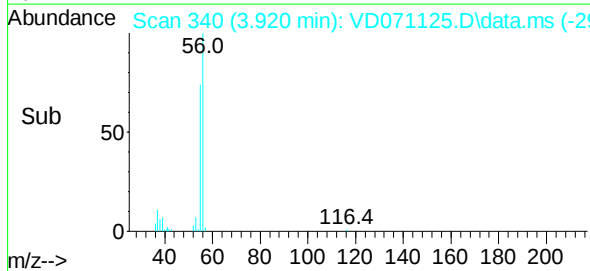
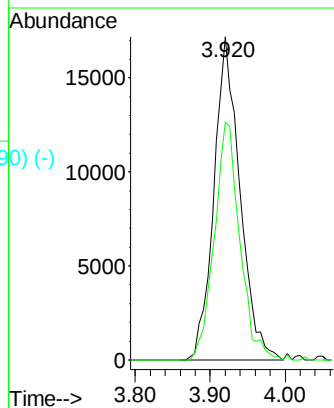
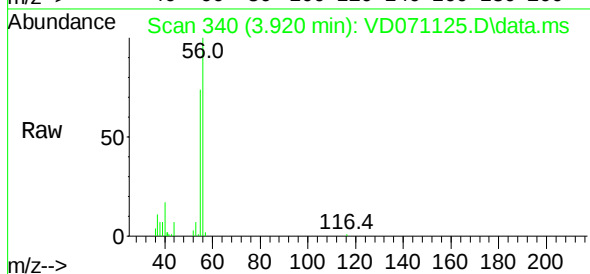
ClientSampleId :

Tgt Ion: 56 Resp: 41300

Ion Ratio Lower Upper

56 100

55 72.0 58.6 87.8



Allyl chloride

Concen: 54.02 ug/l

RT: 4.714 min Scan# 475

Delta R.T. -0.007 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

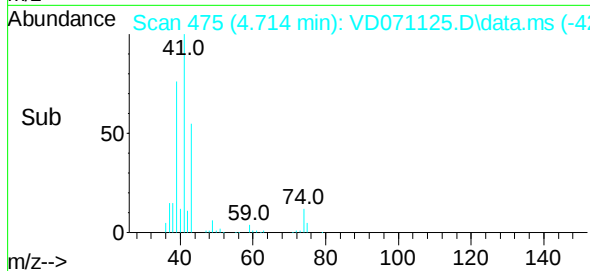
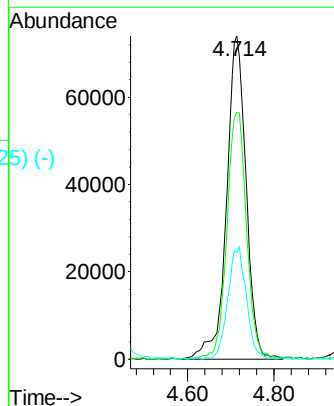
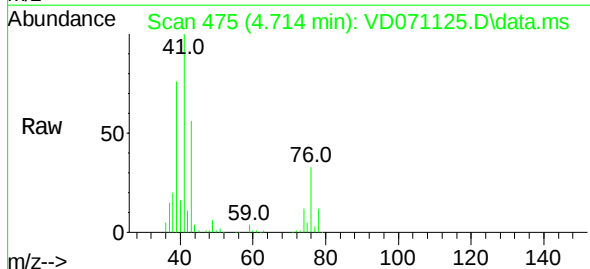
Tgt Ion: 41 Resp: 237218

Ion Ratio Lower Upper

41 100

39 76.8 45.6 68.4#

76 33.1 30.2 45.4



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

Acrylonitrile

Concen: 316.63 ug/l

RT: 5.414 min Scan# 1

Delta R.T. -0.006 min

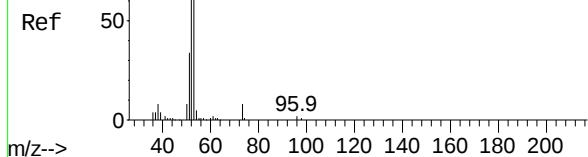
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :



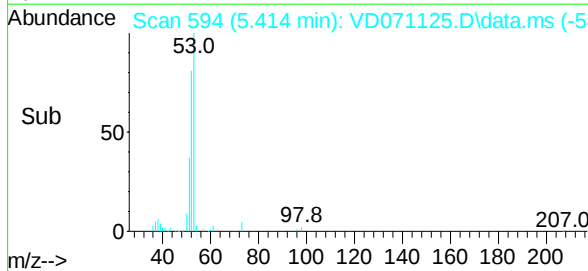
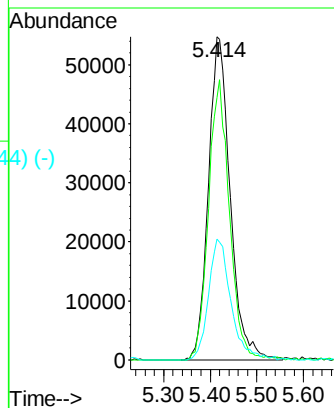
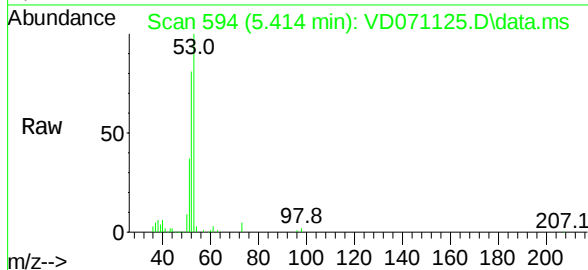
Tgt Ion: 53 Resp: 177272

Ion Ratio Lower Upper

53 100

52 83.4 63.8 95.8

51 38.6 28.5 42.7



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

Acetone

Concen: 272.73 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.006 min

Lab File: VD071125.D

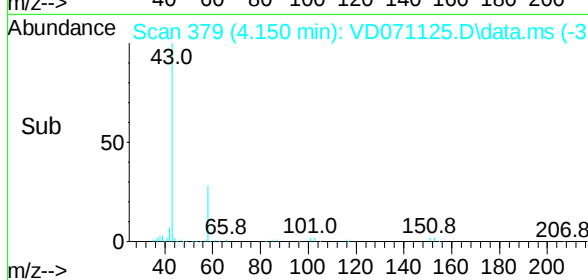
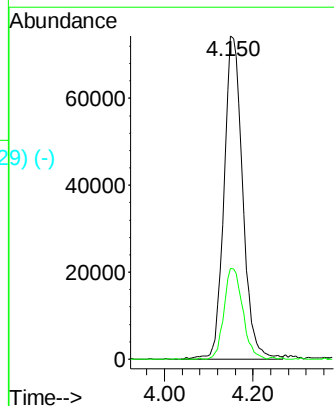
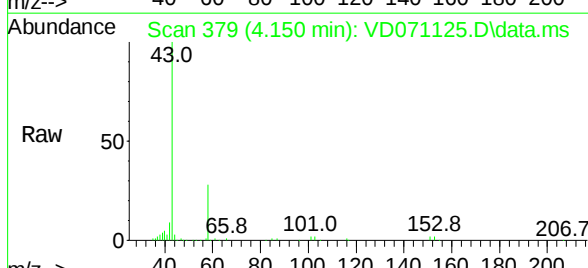
Acq: 02 Dec 2021 18:34

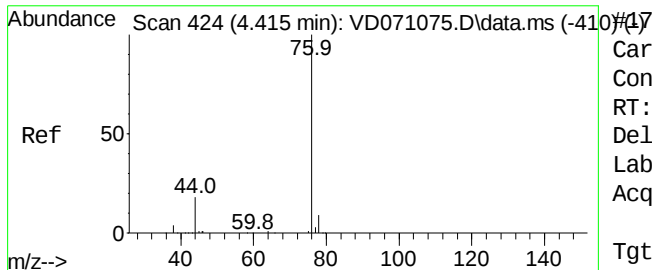
Tgt Ion: 43 Resp: 214115

Ion Ratio Lower Upper

43 100

58 28.2 27.8 41.8





Carbon Disulfide

Concen: 49.66 ug/l

RT: 4.409 min Scan# 417

Delta R.T. -0.006 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

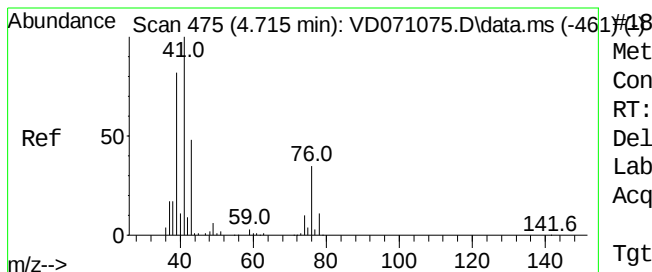
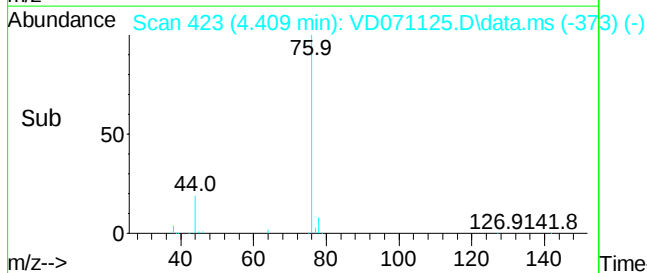
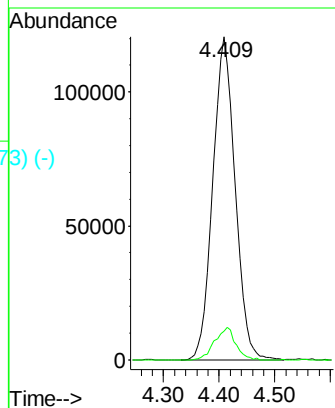
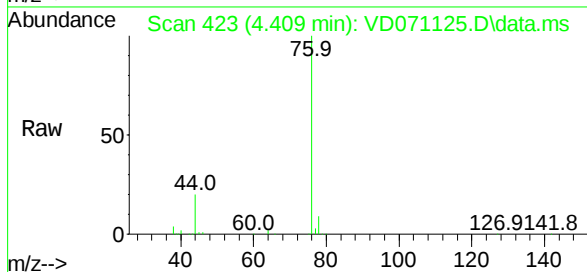
ClientSampleId :

Tgt Ion: 76 Resp: 336145

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.8



Methyl Acetate

Concen: 61.49 ug/l

RT: 4.714 min Scan# 475

Delta R.T. -0.001 min

Lab File: VD071125.D

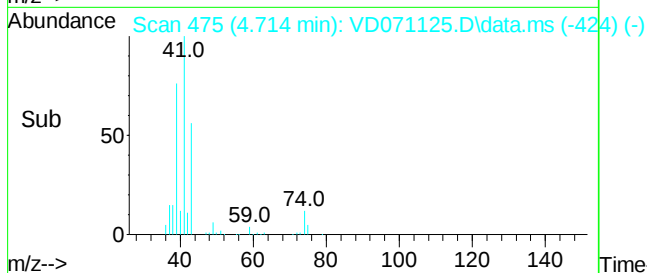
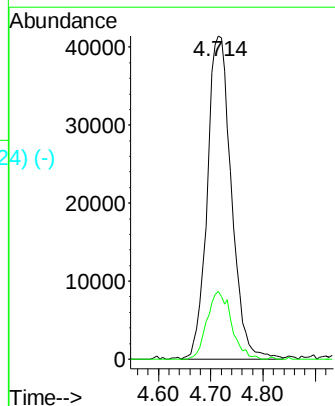
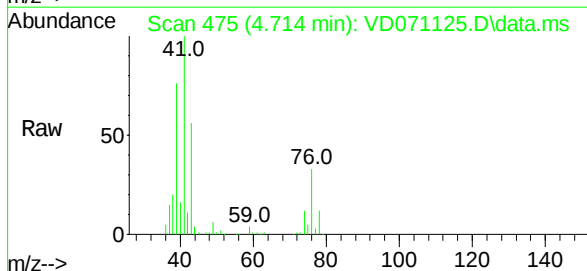
Acq: 02 Dec 2021 18:34

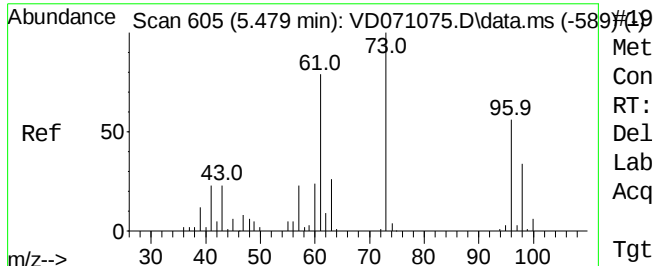
Tgt Ion: 43 Resp: 132581

Ion Ratio Lower Upper

43 100

74 21.1 19.3 28.9

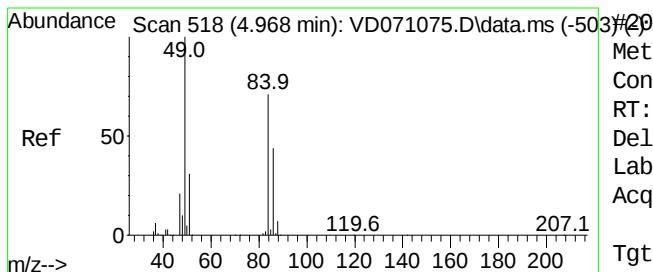
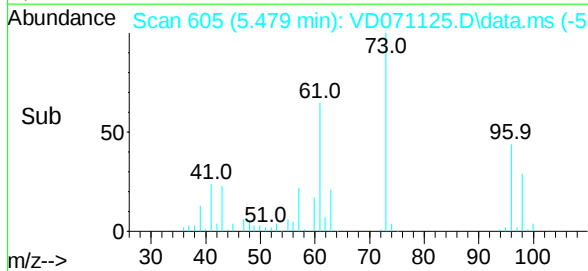
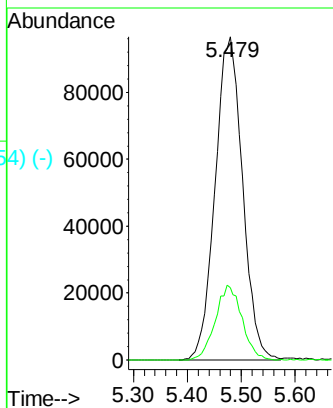
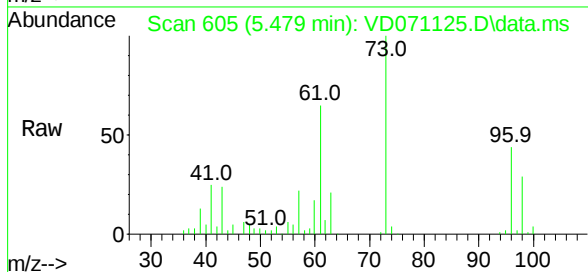




Methyl tert-butyl Ether
 Concen: 60.68 ug/l
 RT: 5.479 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VD071125.D
 Acq: 02 Dec 2021 18:34

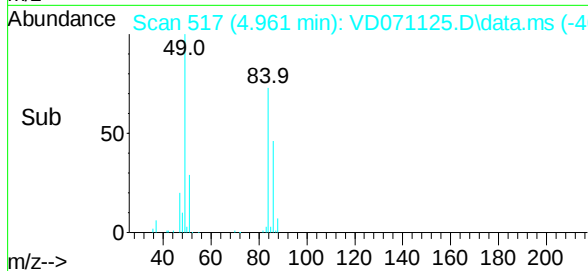
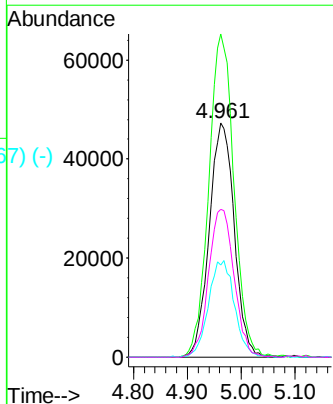
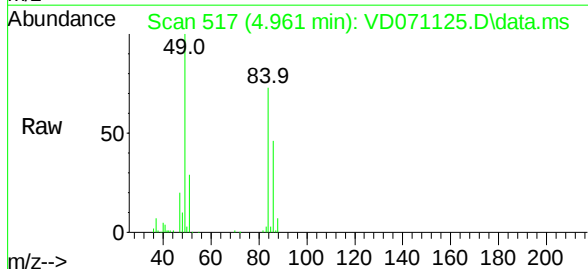
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 73 Resp: 343845
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.9 28.3



Methylene Chloride
 Concen: 52.23 ug/l
 RT: 4.961 min Scan# 517
 Delta R.T. -0.007 min
 Lab File: VD071125.D
 Acq: 02 Dec 2021 18:34

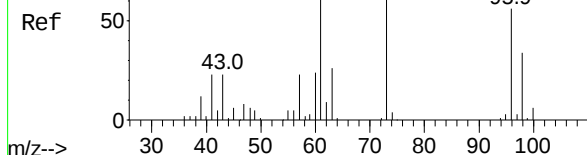
Tgt Ion: 84 Resp: 153477
 Ion Ratio Lower Upper
 84 100
 49 137.8 95.8 143.6
 51 39.3 30.9 46.3
 86 63.1 50.3 75.5



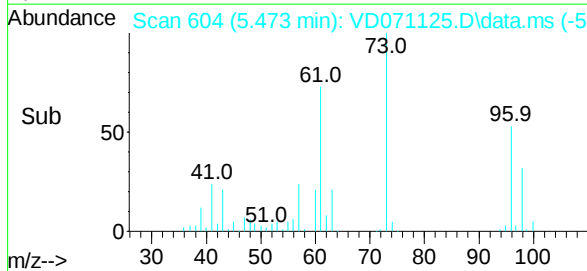
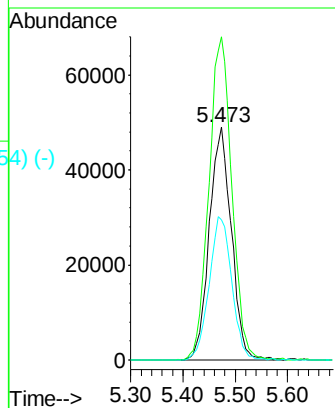
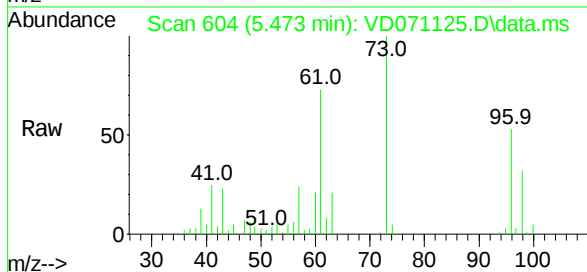
Abundance Scan 605 (5.479 min): VD071075.D\data.ms (-590) #21

trans-1,2-Dichloroethene
Concen: 55.10 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Instrument :
MSVOA_D
ClientSampleId :



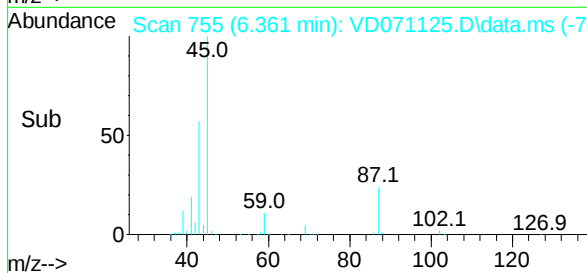
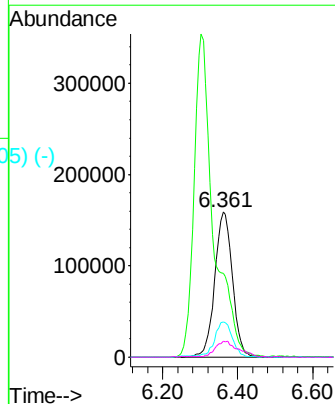
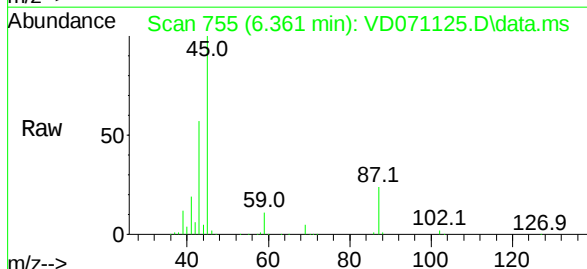
Tgt Ion:	96	Resp:	143408
Ion	Ratio	Lower	Upper
96	100		
61	138.6	102.1	153.1
98	60.1	50.1	75.1

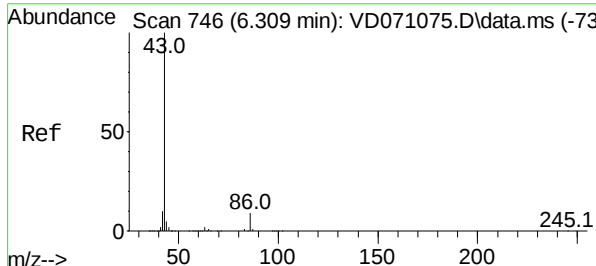


Abundance Scan 756 (6.367 min): VD071075.D\data.ms (-737) #22

Diisopropyl ether
Concen: 59.28 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion:	45	Resp:	521590
Ion	Ratio	Lower	Upper
45	100		
43	56.7	39.6	59.4
87	24.1	21.2	31.8
59	10.9	9.0	13.6

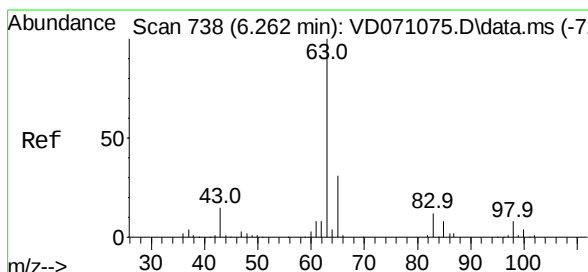
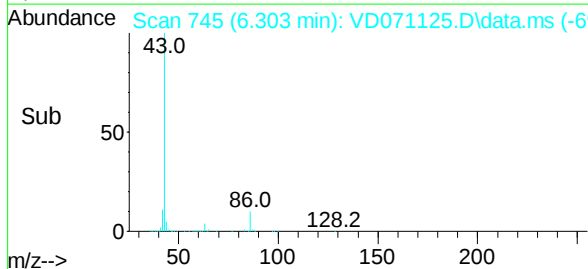
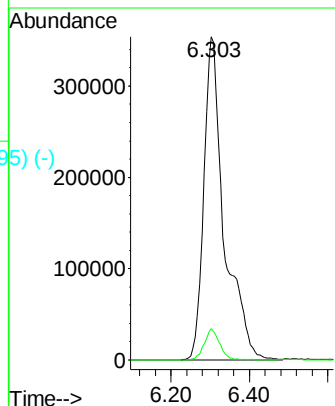
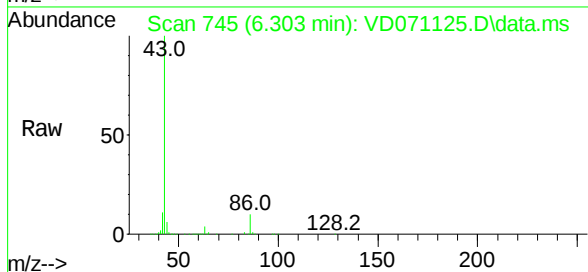




Vinyl Acetate
Concen: 264.73 ug/l
RT: 6.303 min Scan# 746
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

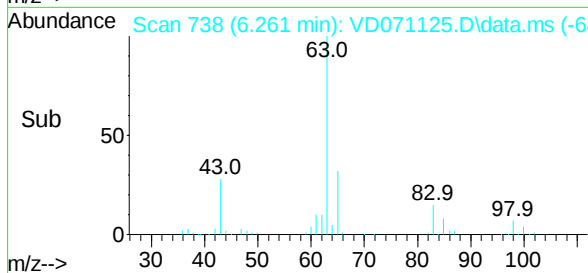
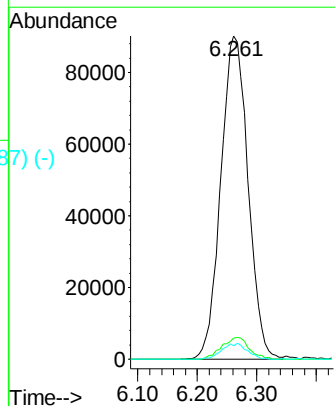
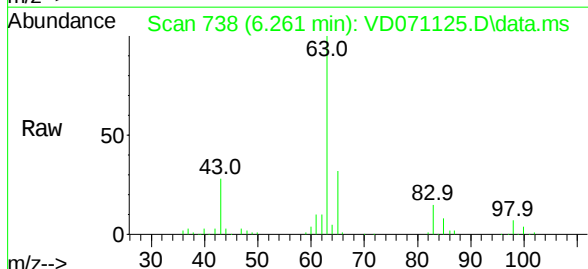
Instrument :
MSVOA_D
ClientSampleId :

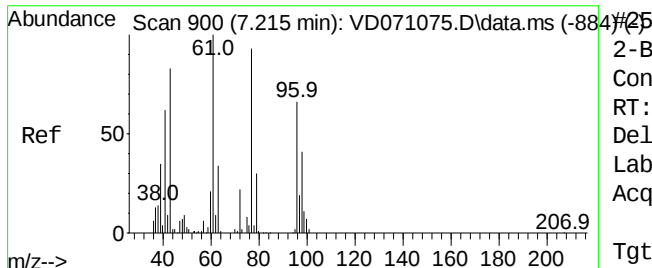
Tgt Ion: 43 Resp: 1268166
Ion Ratio Lower Upper
43 100
86 9.7 8.2 12.4



1,1-Dichloroethane
Concen: 56.35 ug/l
RT: 6.261 min Scan# 738
Delta R.T. -0.001 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion: 63 Resp: 285187
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.6
100 4.1 2.1 6.3





2-Butanone

Concen: 278.46 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.007 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

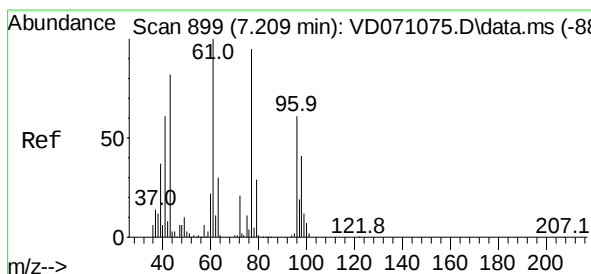
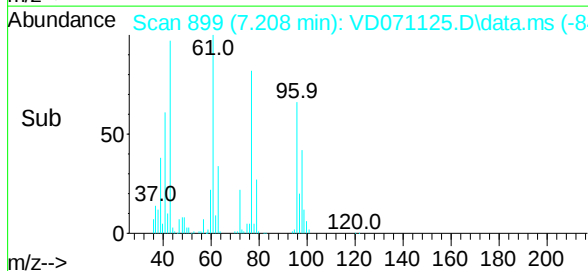
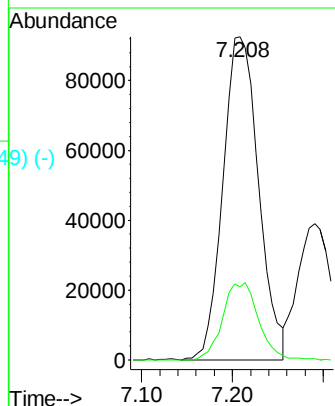
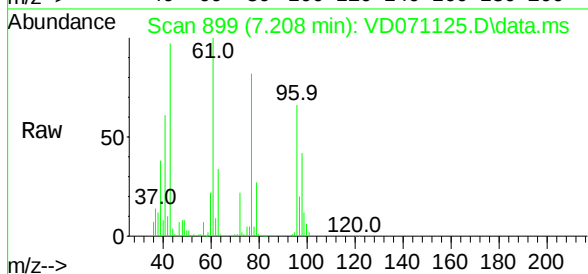
ClientSampleId :

Tgt Ion: 43 Resp: 252828

Ion Ratio Lower Upper

43 100

72 22.6 23.8 35.6#



2,2-Dichloropropane

Concen: 49.47 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.001 min

Lab File: VD071125.D

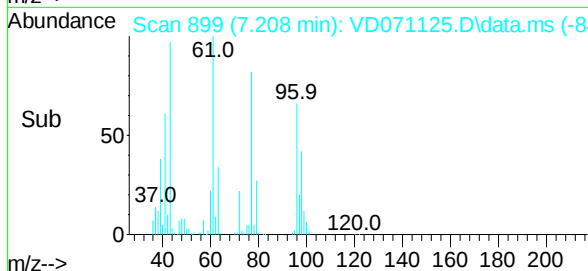
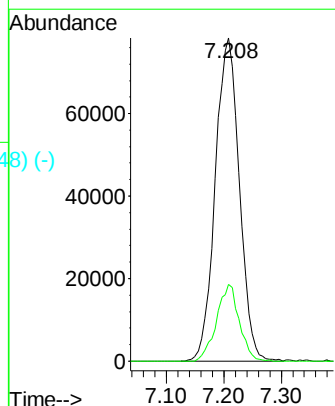
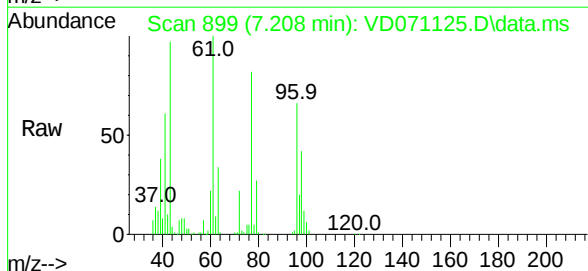
Acq: 02 Dec 2021 18:34

Tgt Ion: 77 Resp: 227665

Ion Ratio Lower Upper

77 100

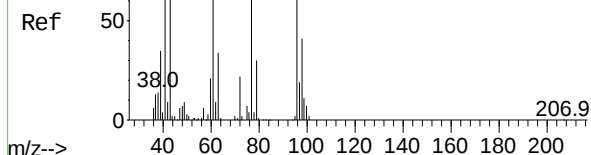
97 22.3 11.9 35.5



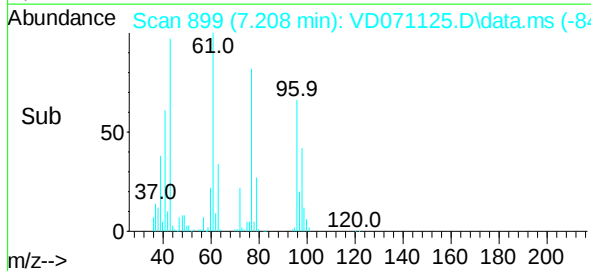
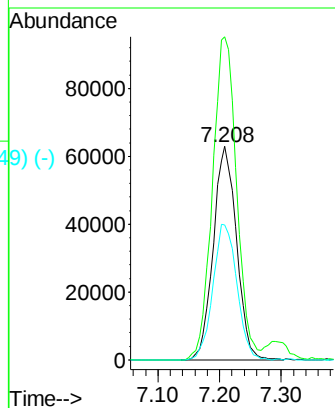
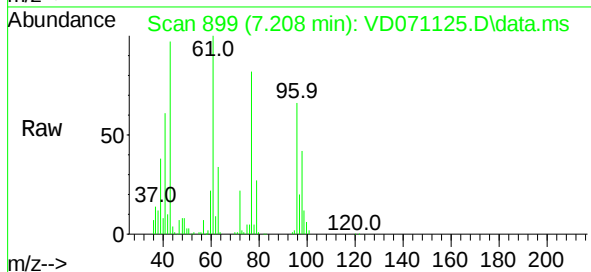
Abundance Scan 900 (7.215 min): VD071075.D\data.ms (-888) #27

cis-1,2-Dichloroethene
Concen: 56.03 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.007 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Instrument :
MSVOA_D
ClientSampleId :



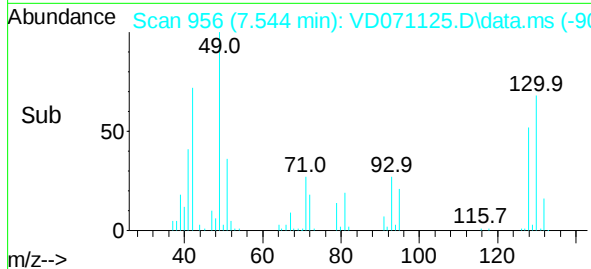
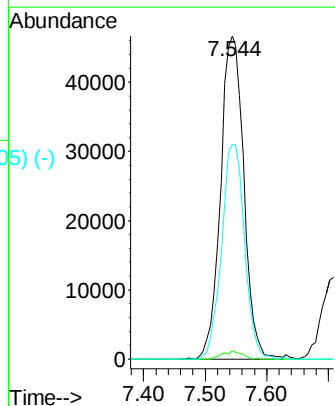
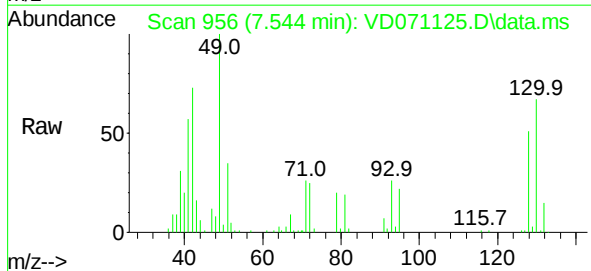
Tgt Ion:	96	Resp:	164986
Ion	Ratio	Lower	Upper
96	100		
61	156.9	0.0	288.6
98	65.7	0.0	129.2



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

Bromochloromethane
Concen: 55.55 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion:	49	Resp:	122103
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	65.7	60.2	90.2



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

Tetrahydrofuran

Concen: 317.72 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.001 min

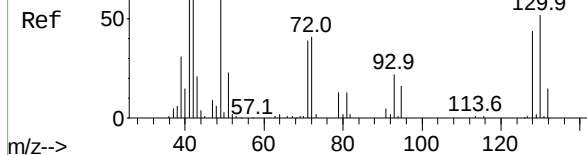
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :



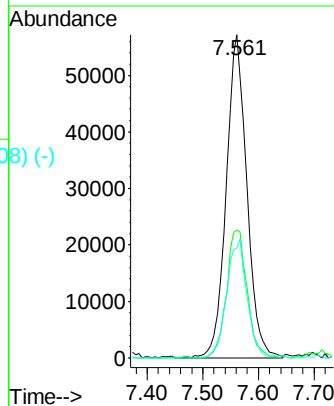
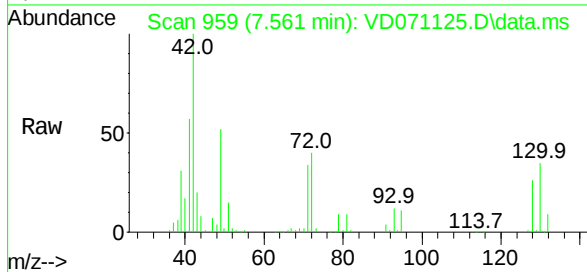
Tgt Ion: 42 Resp: 147434

Ion Ratio Lower Upper

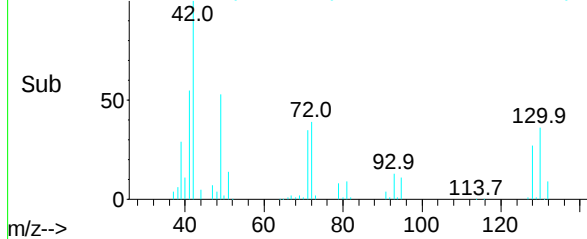
42 100

72 39.5 33.7 50.5

71 36.0 32.7 49.1



Abundance Scan 959 (7.561 min): VD071125.D\data.ms (-908) (-)



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

Chloroform

Concen: 57.72 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.001 min

Lab File: VD071125.D

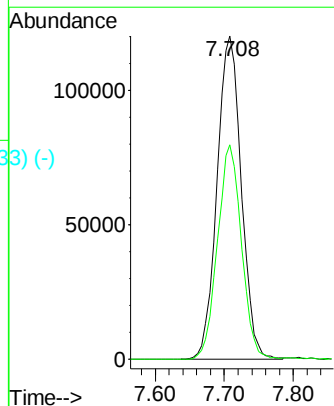
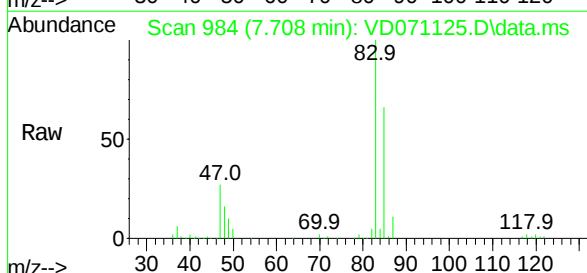
Acq: 02 Dec 2021 18:34

Tgt Ion: 83 Resp: 293146

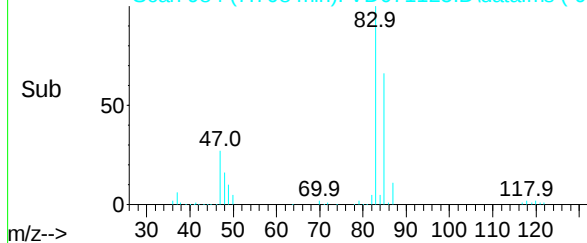
Ion Ratio Lower Upper

83 100

85 66.3 51.0 76.6



Abundance Scan 984 (7.708 min): VD071125.D\data.ms (-933) (-)



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

Cyclohexane

Concen: 48.17 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

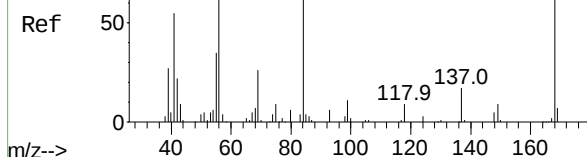
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :



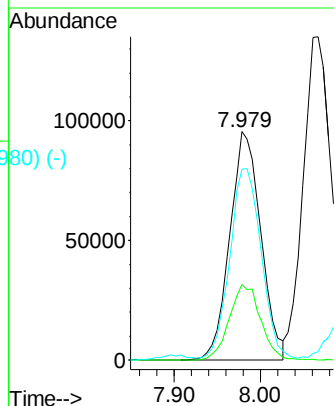
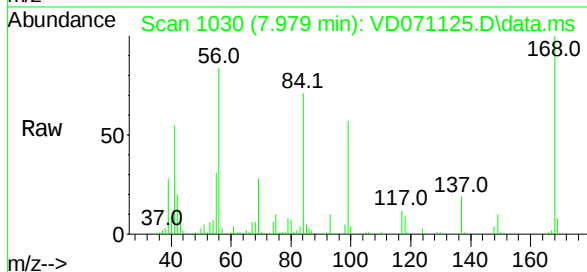
Tgt Ion: 56 Resp: 239462

Ion Ratio Lower Upper

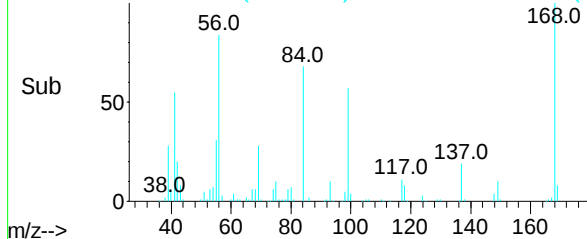
56 100

69 33.0 25.9 38.9

84 81.3 64.3 96.5



Abundance Scan 1030 (7.979 min): VD071125.D\data.ms (-980-)



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

1,1,1-Trichloroethane

Concen: 55.17 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.001 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

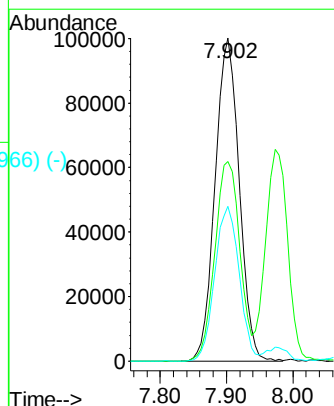
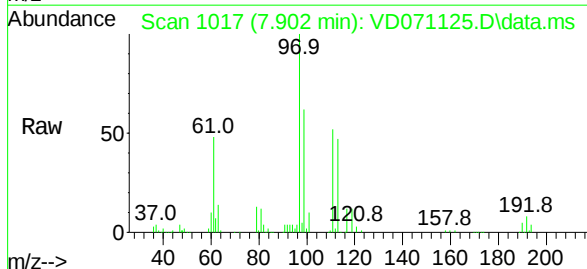
Tgt Ion: 97 Resp: 251560

Ion Ratio Lower Upper

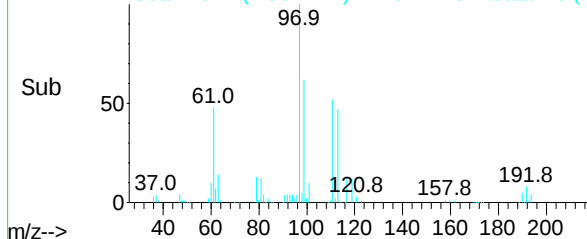
97 100

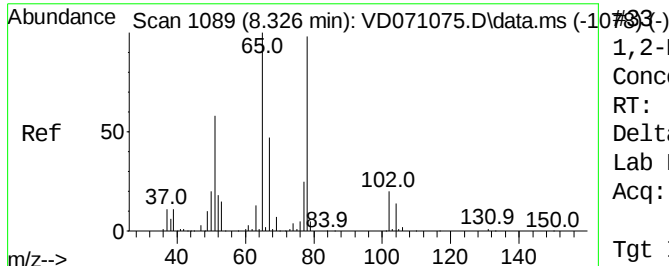
99 63.9 50.3 75.5

61 48.7 33.0 49.4



Abundance Scan 1017 (7.902 min): VD071125.D\data.ms (-966-)

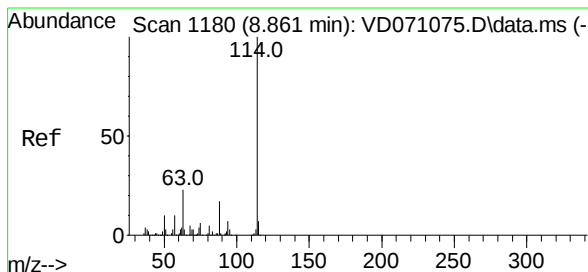
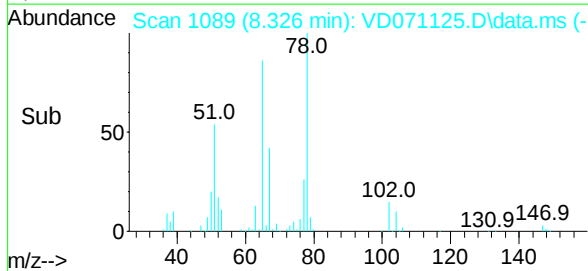
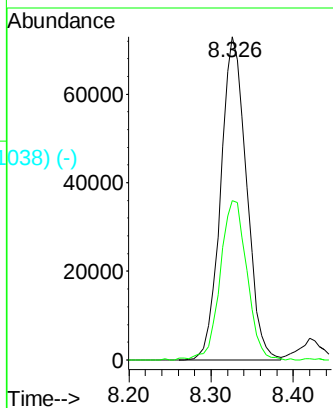
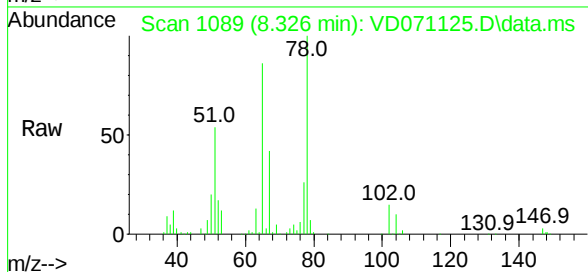




1,2-Dichloroethane-d4
 Concen: 54.42 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD071125.D
 Acq: 02 Dec 2021 18:34

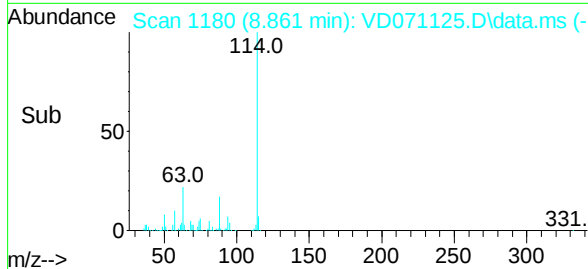
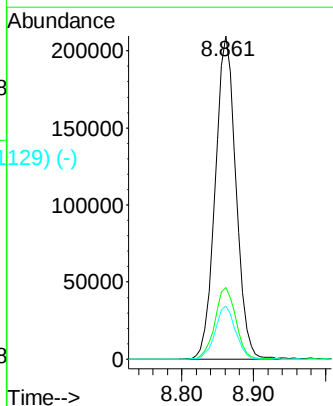
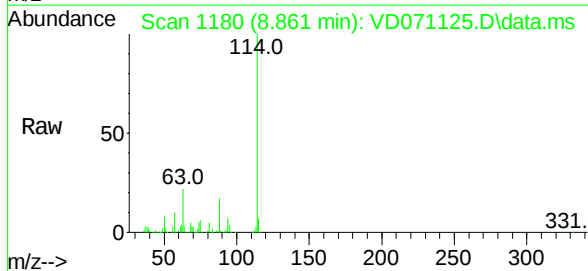
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 65 Resp: 159024
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 112.2

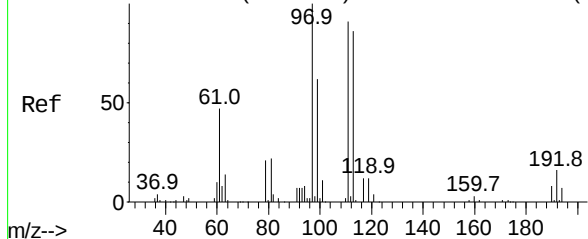


1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VD071125.D
 Acq: 02 Dec 2021 18:34

Tgt Ion:114 Resp: 418492
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.8
 88 16.5 0.0 32.8



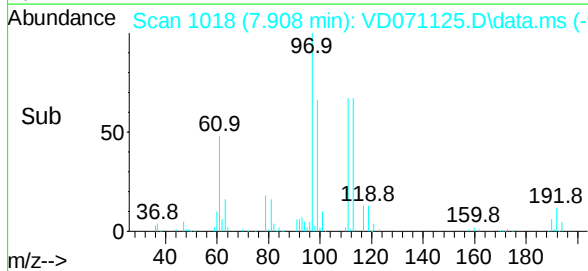
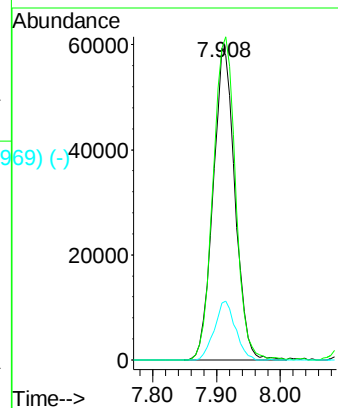
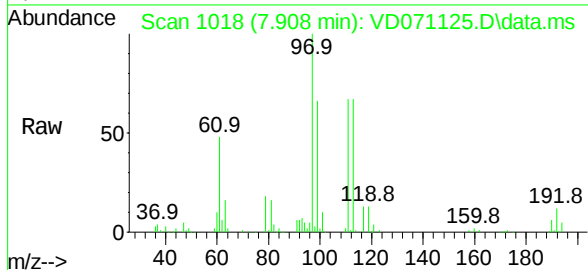
Abundance Scan 1020 (7.920 min): VD071075.D\data.ms (-1008) (-)



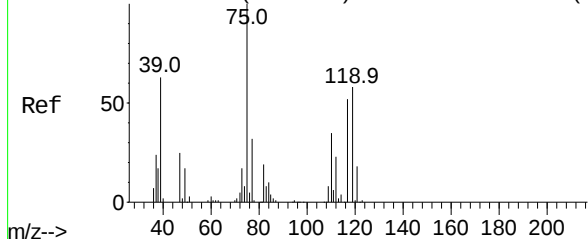
Dibromofluoromethane
Concen: 52.95 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 141094
Ion Ratio Lower Upper
113 100
111 105.8 82.0 123.0
192 18.0 15.2 22.8

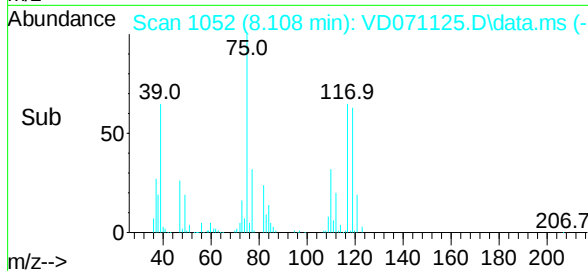
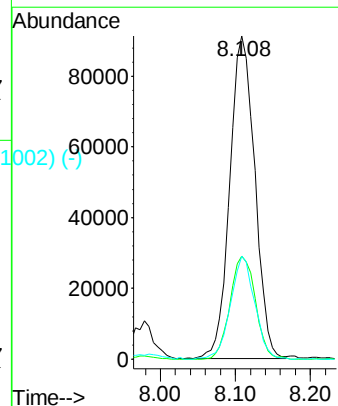
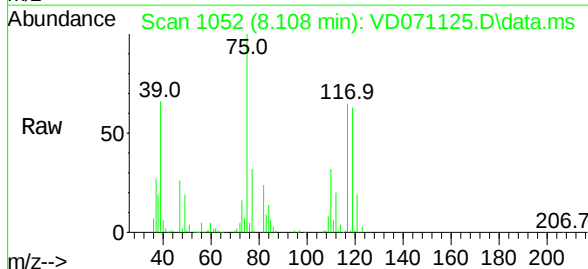


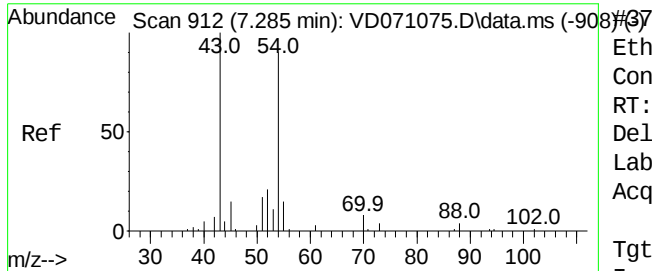
Abundance Scan 1053 (8.114 min): VD071075.D\data.ms (-1039) (-)



1,1-Dichloropropene
Concen: 53.84 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion: 75 Resp: 210596
Ion Ratio Lower Upper
75 100
110 32.3 17.8 53.4
77 31.0 24.8 37.2





Ethyl Acetate

Concen: 61.46 ug/l

RT: 7.291 min Scan# 1039

Delta R.T. 0.006 min MSVOA_D

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

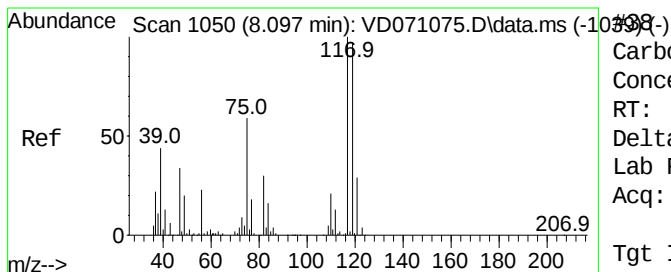
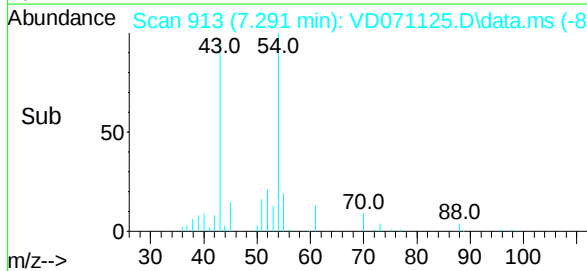
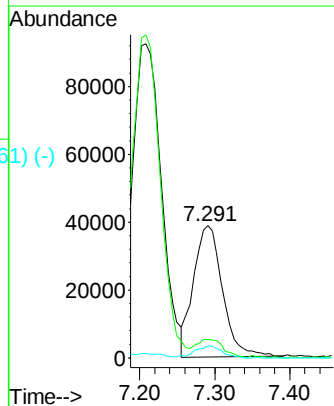
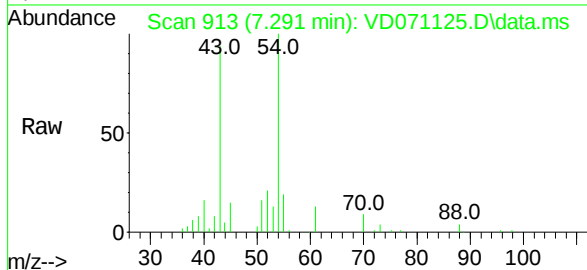
Tgt Ion: 43 Resp: 103842

Ion Ratio Lower Upper

43 100

61 12.3 13.0 19.6#

70 8.5 8.7 13.1#



Carbon Tetrachloride

Concen: 55.47 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

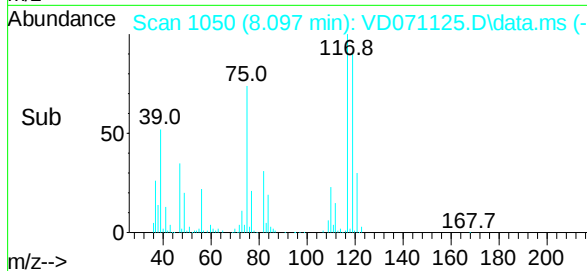
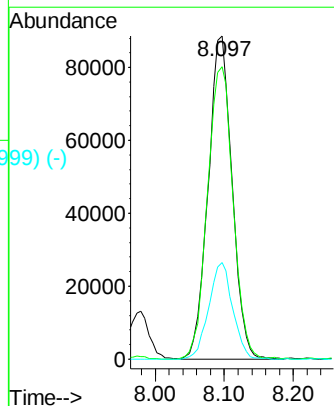
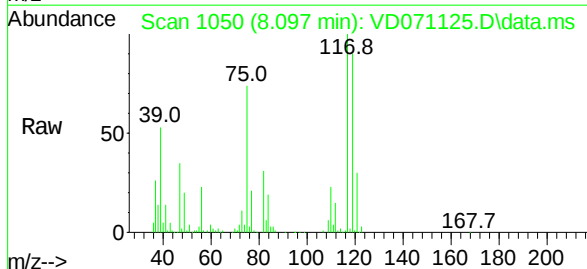
Tgt Ion:117 Resp: 213864

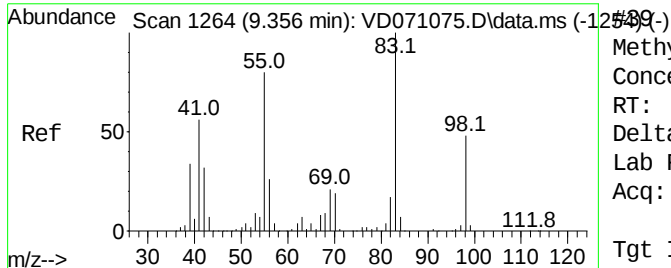
Ion Ratio Lower Upper

117 100

119 90.2 75.8 113.6

121 29.9 23.6 35.4





Methylcyclohexane

Concen: 51.52 ug/l

RT: 9.355 min Scan#

Delta R.T. -0.001 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

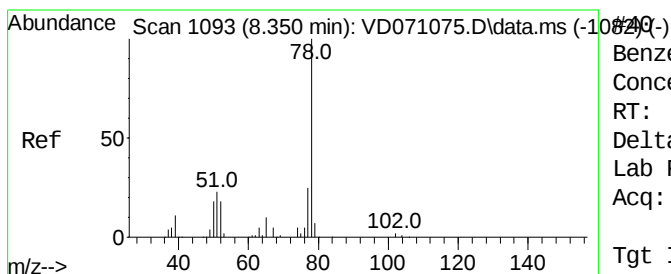
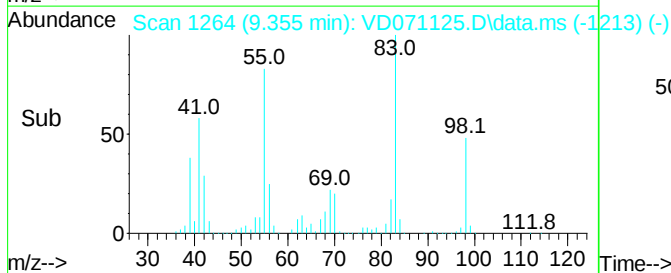
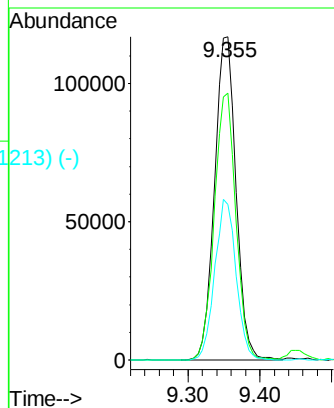
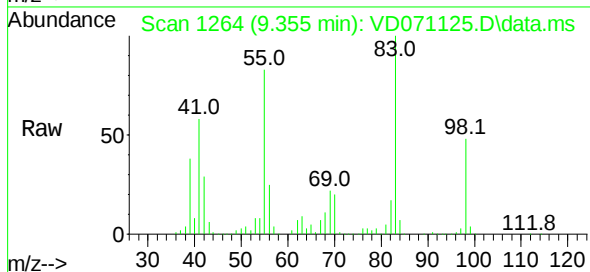
Tgt Ion: 83 Resp: 242363

Ion Ratio Lower Upper

83 100

55 82.6 65.8 98.8

98 48.2 38.7 58.1



Benzene

Concen: 56.05 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. -0.001 min

Lab File: VD071125.D

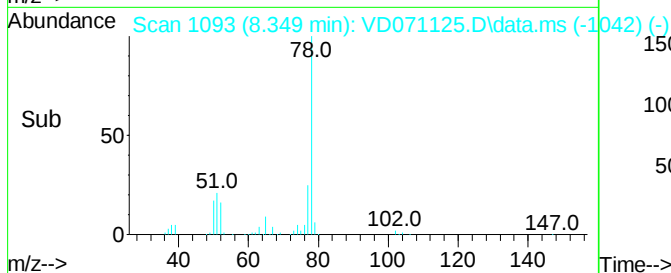
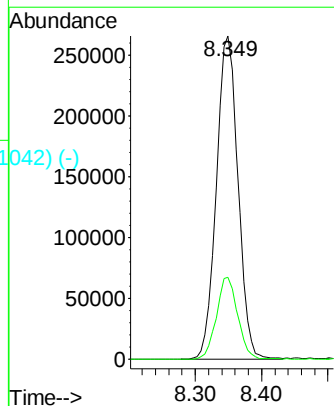
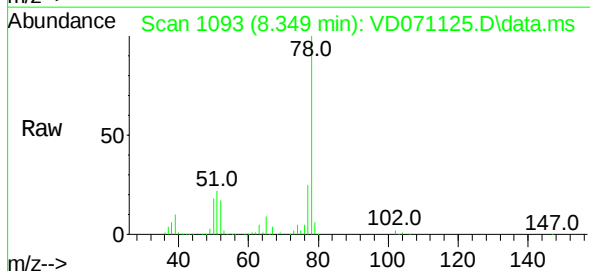
Acq: 02 Dec 2021 18:34

Tgt Ion: 78 Resp: 595505

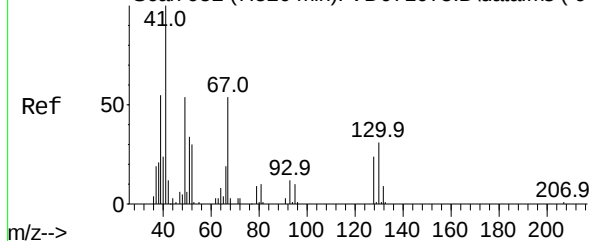
Ion Ratio Lower Upper

78 100

77 25.2 19.1 28.7



Abundance Scan 952 (7.520 min): VD071075.D\data.ms (-941) (-)



Methacrylonitrile

Concen: 67.67 ug/l

RT: 7.520 min Scan# 952

Delta R.T. 0.000 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 41 Resp: 60005

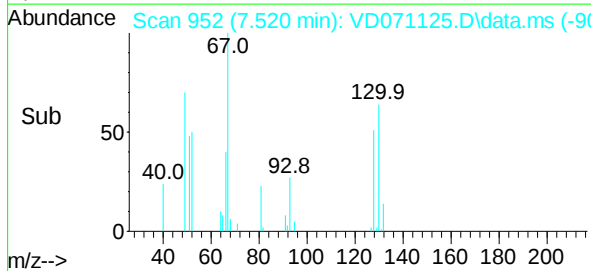
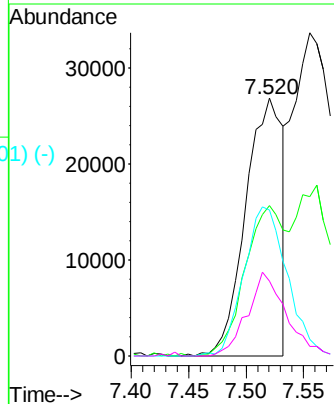
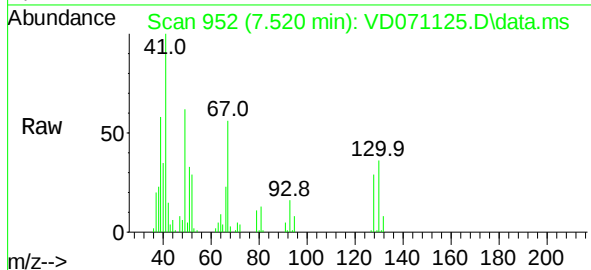
Ion Ratio Lower Upper

41 100

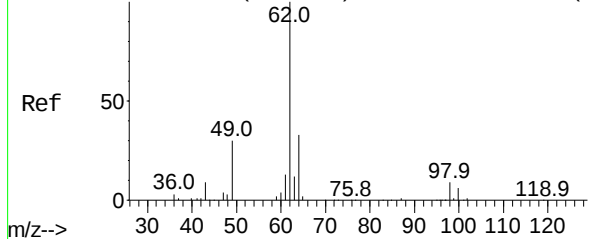
39 66.4 60.2 90.4

67 68.1 74.8 112.2#

52 34.5 28.8 43.2



Abundance Scan 1105 (8.420 min): VD071075.D\data.ms (-1094) (-)



1,2-Dichloroethane

Concen: 61.25 ug/l

RT: 8.420 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VD071125.D

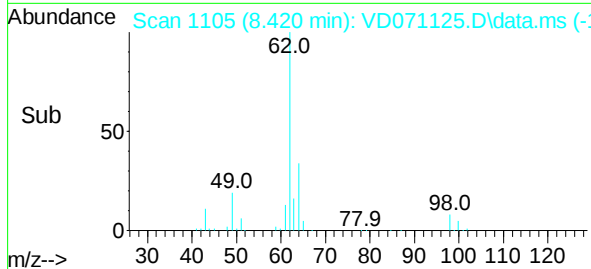
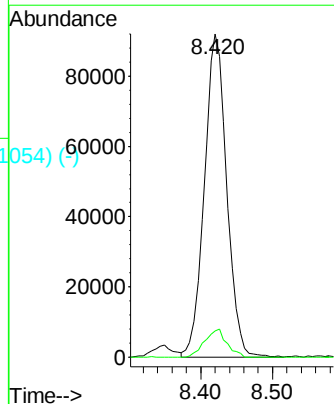
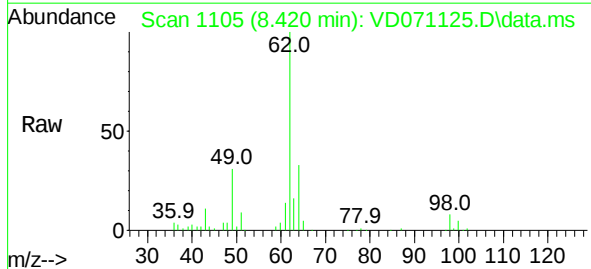
Acq: 02 Dec 2021 18:34

Tgt Ion: 62 Resp: 198641

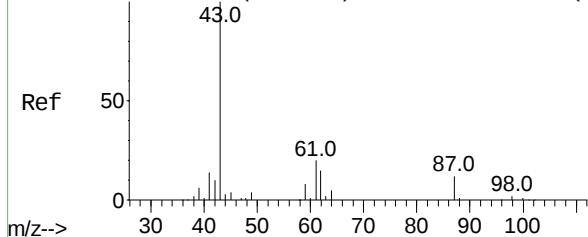
Ion Ratio Lower Upper

62 100

98 8.5 0.0 21.8



Abundance Scan 1110 (8.450 min): VD071075.D\data.ms (-10993-)



Isopropyl Acetate

Concen: 55.74 ug/l

RT: 8.449 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

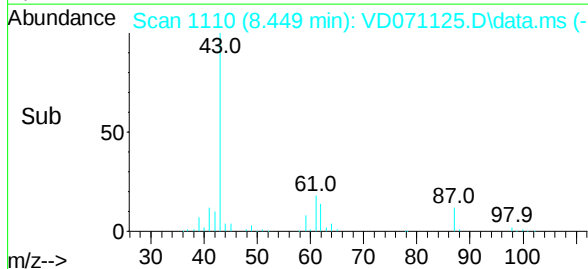
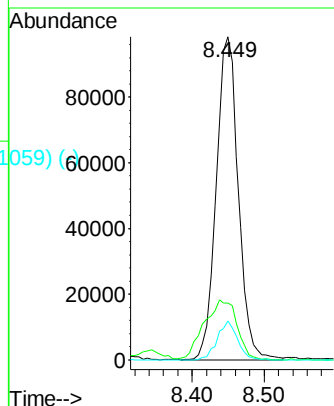
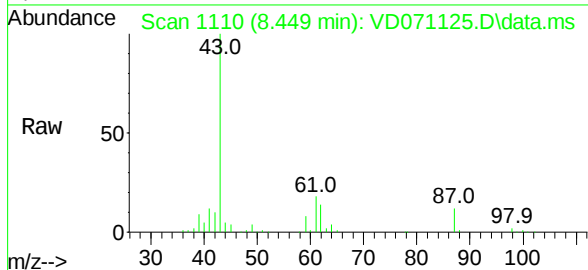
Tgt Ion: 43 Resp: 209693

Ion Ratio Lower Upper

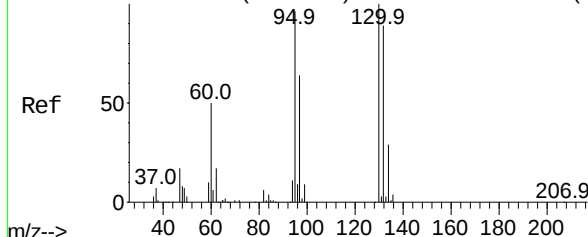
43 100

61 27.7 28.2 42.4#

87 11.0 10.7 16.1



Abundance Scan 1222 (9.109 min): VD071075.D\data.ms (-12134-)



Trichloroethene

Concen: 54.57 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.001 min

Lab File: VD071125.D

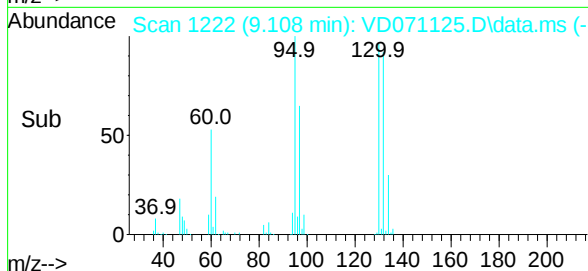
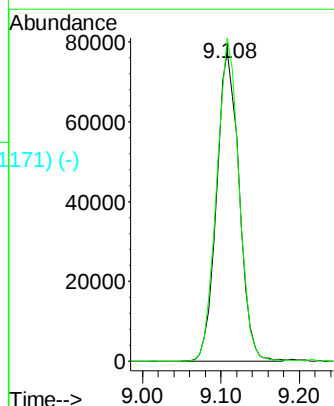
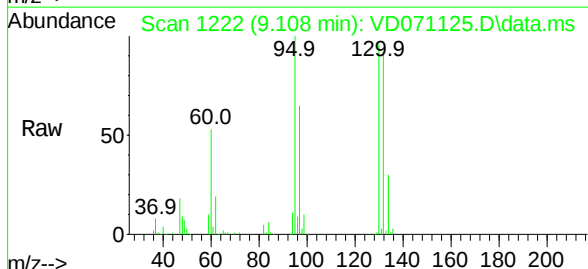
Acq: 02 Dec 2021 18:34

Tgt Ion:130 Resp: 154570

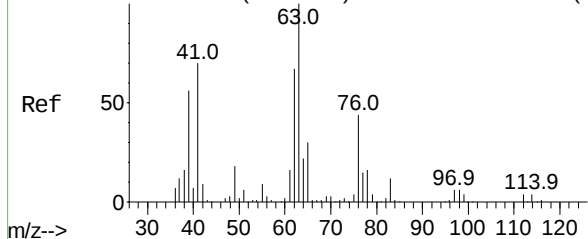
Ion Ratio Lower Upper

130 100

95 104.2 0.0 193.2



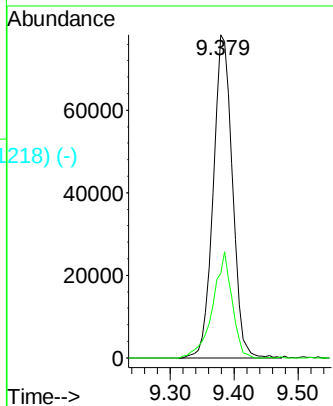
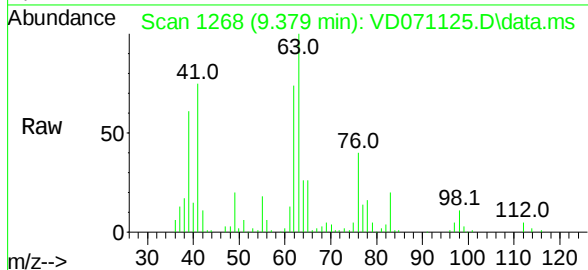
Abundance Scan 1269 (9.385 min): VD071075.D\data.ms (-1256) (-)



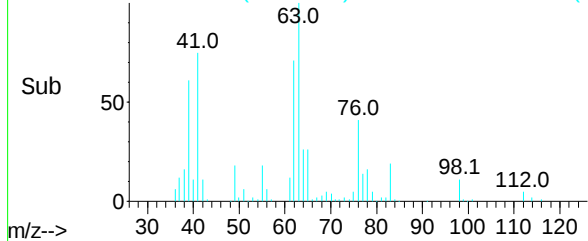
1,2-Dichloropropane
Concen: 58.42 ug/l
RT: 9.379 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Instrument :
MSVOA_D
ClientSampleId :

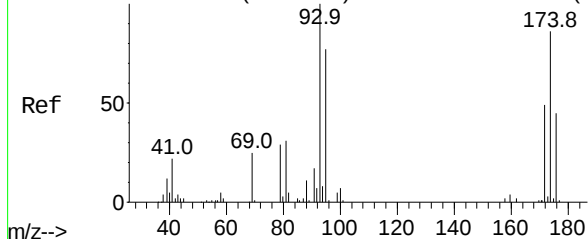
Tgt Ion: 63 Resp: 163223
Ion Ratio Lower Upper
63 100
65 26.0 24.2 36.2



Abundance Scan 1268 (9.379 min): VD071125.D\data.ms (-1218) (-)

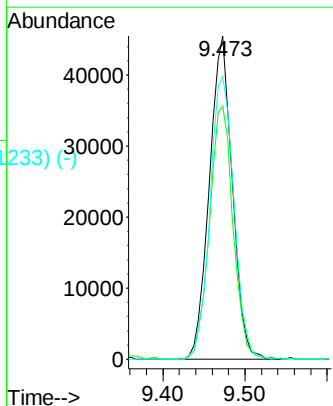
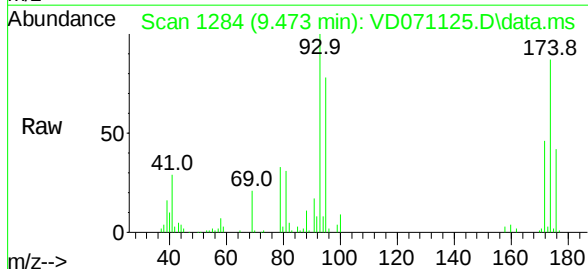


Abundance Scan 1284 (9.473 min): VD071075.D\data.ms (-1279) (-)

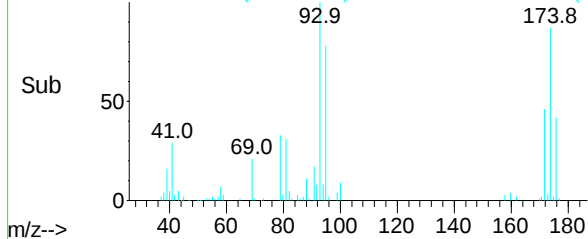


Dibromomethane
Concen: 61.05 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

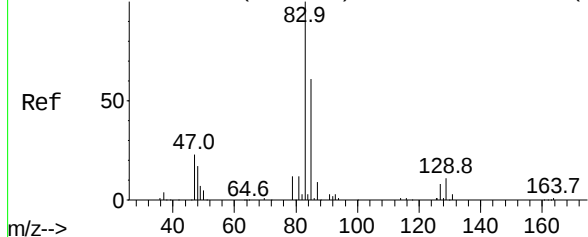
Tgt Ion: 93 Resp: 88493
Ion Ratio Lower Upper
93 100
95 80.4 66.1 99.1
174 91.4 78.6 117.8



Abundance Scan 1284 (9.473 min): VD071125.D\data.ms (-1233) (-)



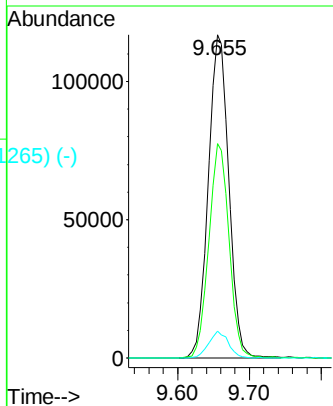
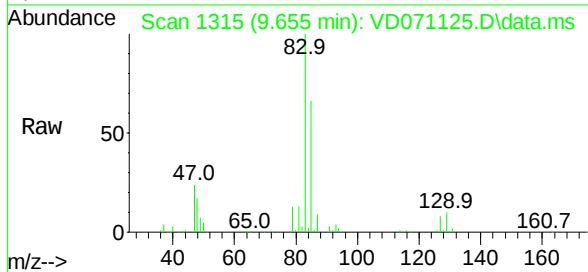
Abundance Scan 1316 (9.661 min): VD071075.D\data.ms (-13067-)



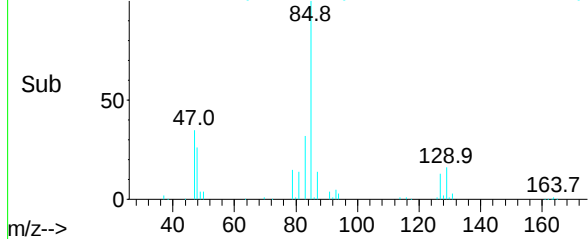
Bromodichloromethane
Concen: 60.32 ug/l
RT: 9.655 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Instrument :
MSVOA_D
ClientSampleId :

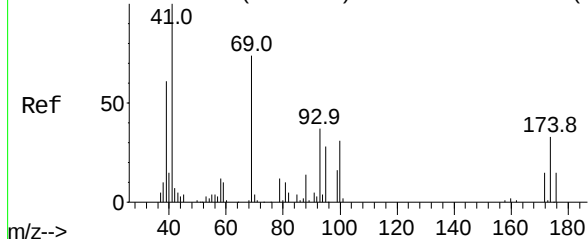
Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.0	75.0
127	8.3	7.3	10.9



Abundance Scan 1315 (9.655 min): VD071125.D\data.ms (-1265-)

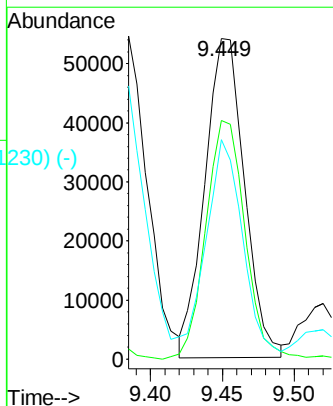
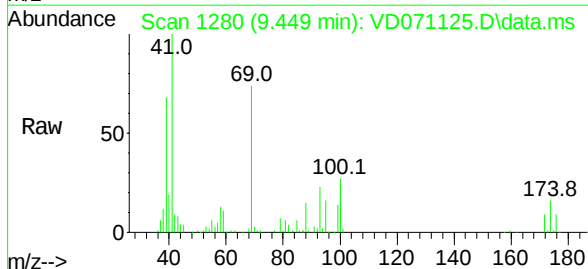


Abundance Scan 1281 (9.456 min): VD071075.D\data.ms (-12798-)

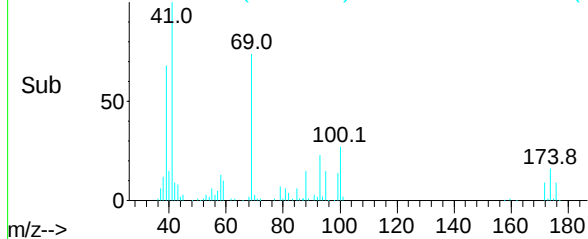


Methyl methacrylate
Concen: 62.44 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.007 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

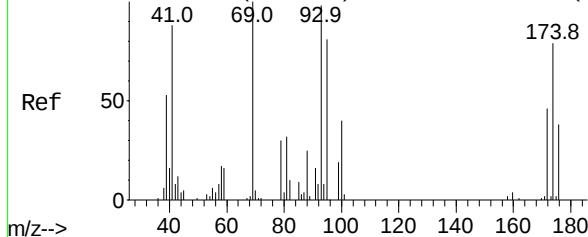
Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.8	69.8	104.6
39	58.7	35.6	53.4#



Abundance Scan 1280 (9.449 min): VD071125.D\data.ms (-1230-)

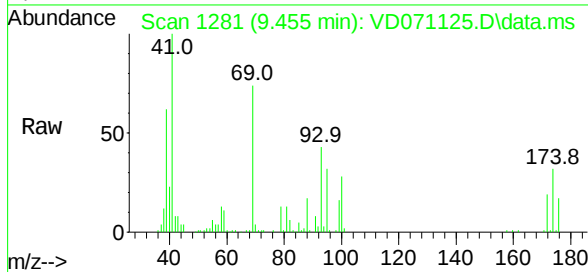


Abundance Scan 1282 (9.461 min): VD071075.D\data.ms (-1279) (-)

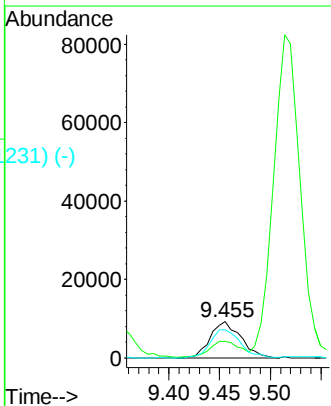
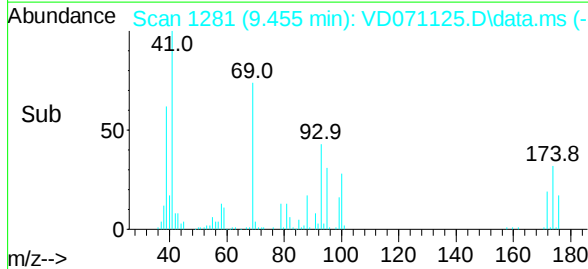


1,4-Dioxane
Concen: 1385.06 ug/l
RT: 9.455 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

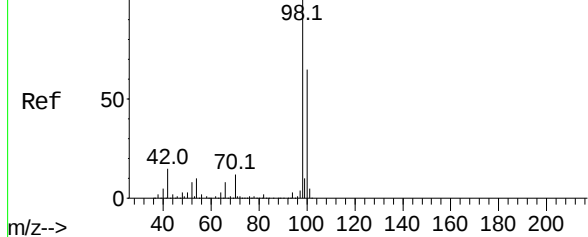
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	88	Resp:	19381
Ion	Ratio	Lower	Upper
88	100		
43	42.7	28.9	43.3
58	77.1	56.3	84.5

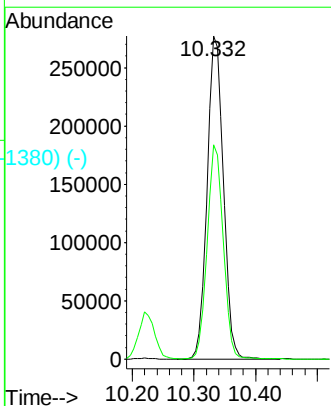
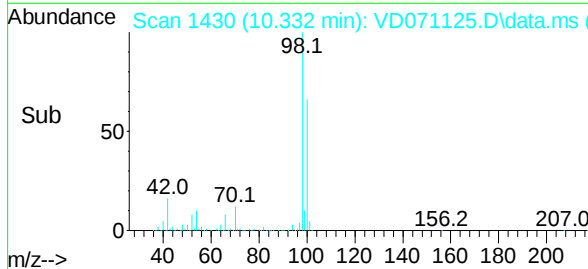
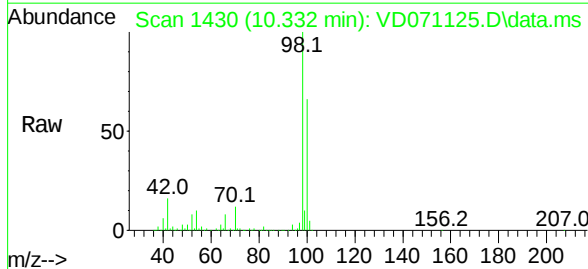


Abundance Scan 1431 (10.338 min): VD071075.D\data.ms (-1450) (-)



Toluene-d8
Concen: 49.94 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion:	98	Resp:	506496
Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.8	77.6



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

4-Methyl-2-Pentanone

Concen: 282.15 ug/l

RT: 10.220 min Scan# 1412

Delta R.T. -0.006 min

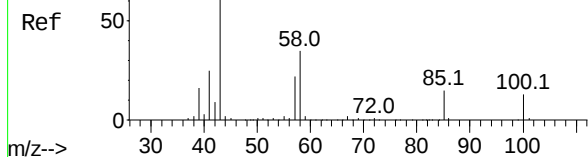
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

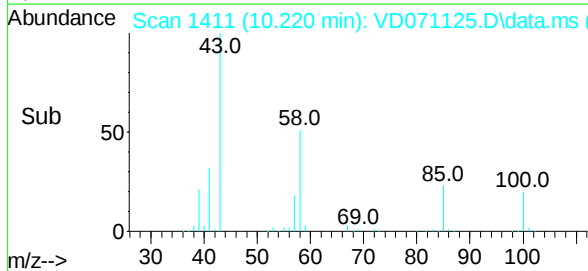
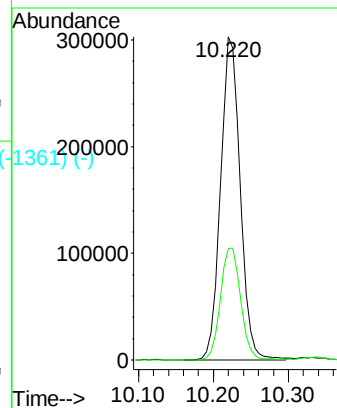
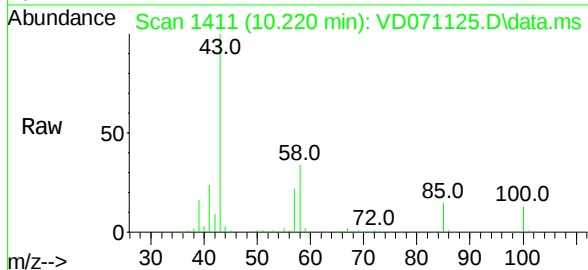


Tgt Ion: 43 Resp: 546115

Ion Ratio Lower Upper

43 100

58 35.7 33.1 49.7



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

Toluene

Concen: 56.75 ug/l

RT: 10.396 min Scan# 1441

Delta R.T. -0.007 min

Lab File: VD071125.D

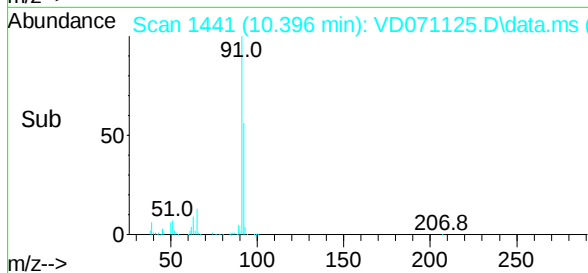
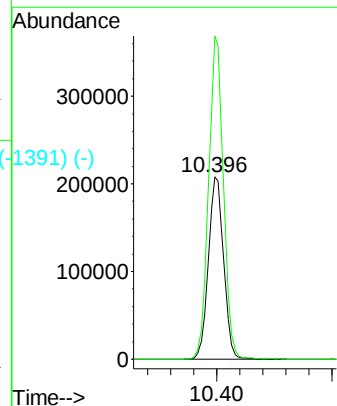
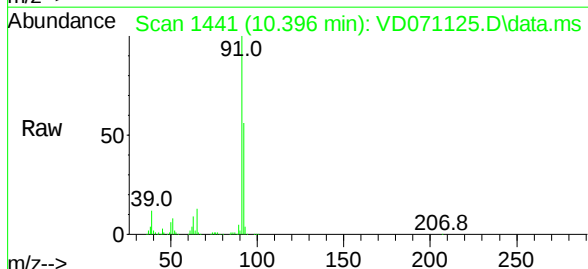
Acq: 02 Dec 2021 18:34

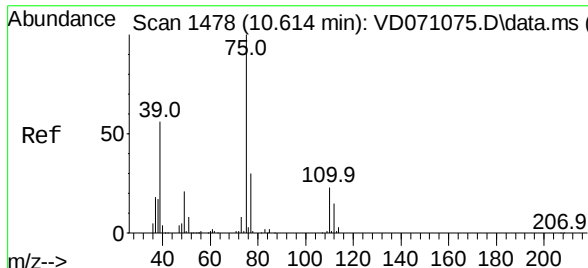
Tgt Ion: 92 Resp: 382529

Ion Ratio Lower Upper

92 100

91 172.5 140.7 211.1

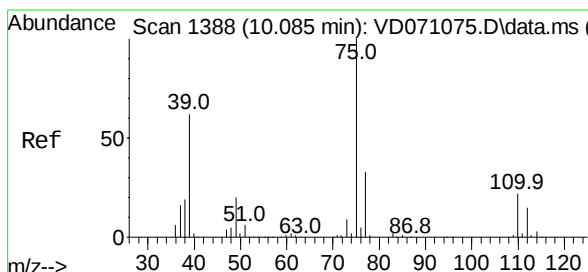
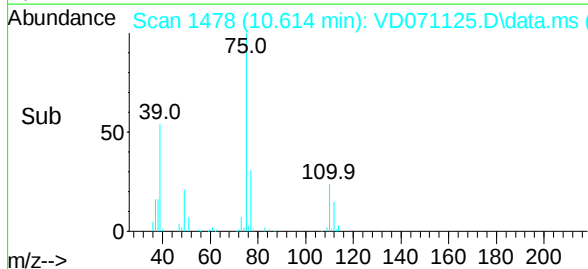
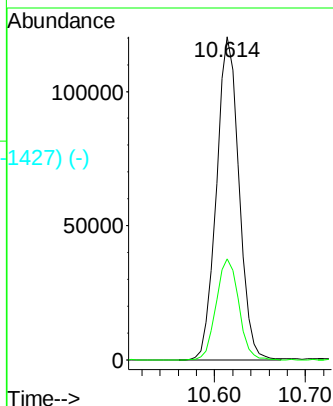
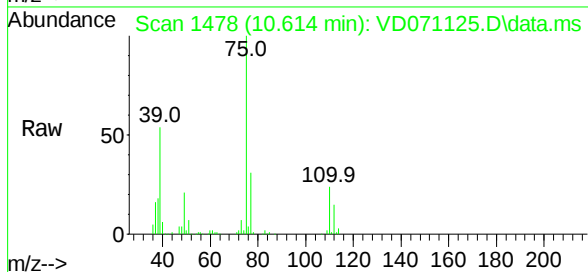




Scan 1478 (10.614 min): VD071075.D\data.ms (-1459) (-)
 t-1,3-Dichloropropene
 Concen: 58.95 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071125.D
 Acq: 02 Dec 2021 18:34

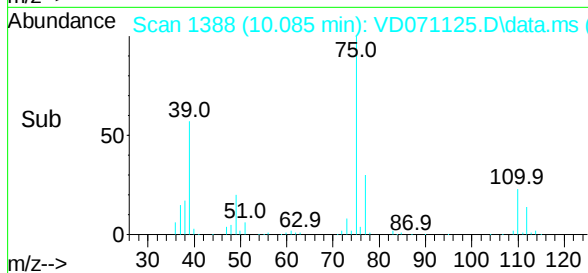
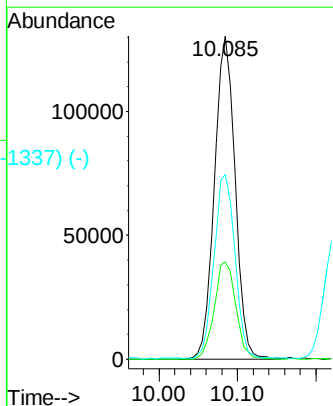
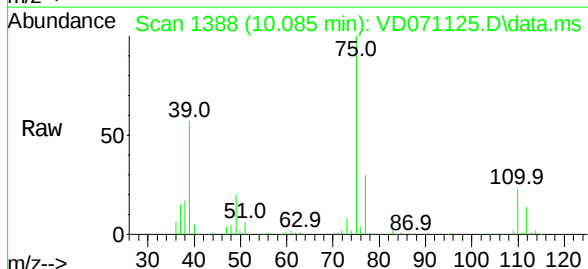
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 207773
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.5 36.7



Scan 1388 (10.085 min): VD071075.D\data.ms (-1359) (-)
 cis-1,3-Dichloropropene
 Concen: 56.77 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071125.D
 Acq: 02 Dec 2021 18:34

Tgt Ion: 75 Resp: 237698
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.6
 39 56.9 31.6 47.4#



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

1,1,2-Trichloroethane

Concen: 61.79 ug/l

RT: 10.796 min Scan#

Delta R.T. -0.001 min

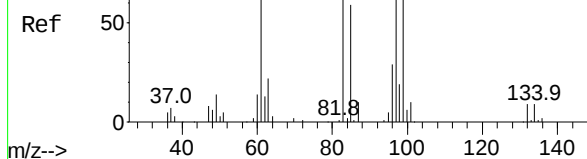
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 117509

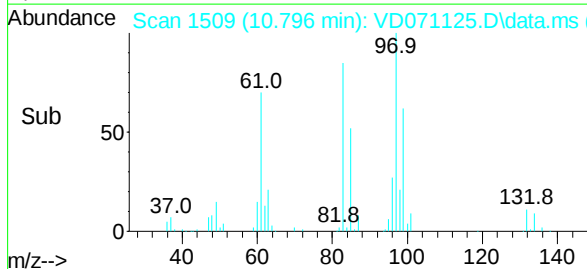
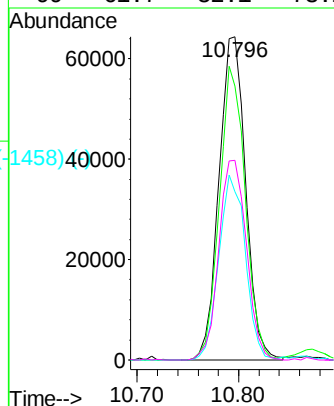
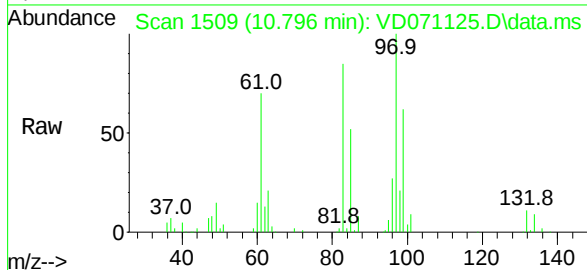
Ion Ratio Lower Upper

97 100

83 84.8 65.2 97.8

85 52.2 43.4 65.0

99 61.7 52.1 78.1



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

Ethyl methacrylate

Concen: 54.58 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. -0.001 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

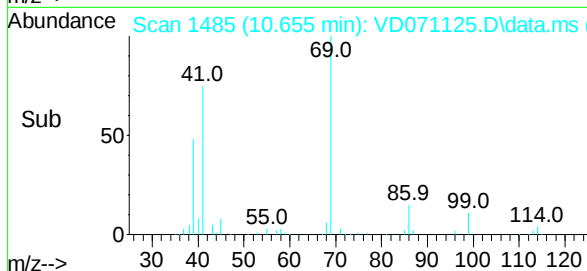
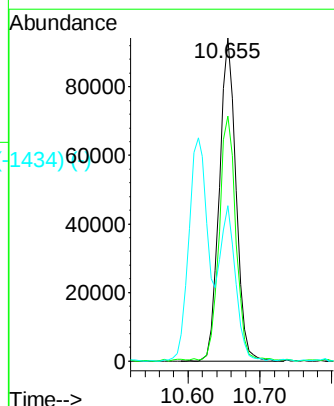
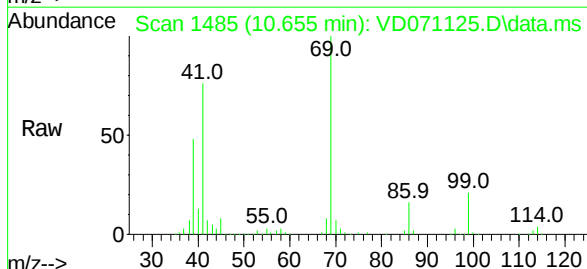
Tgt Ion: 69 Resp: 151112

Ion Ratio Lower Upper

69 100

41 75.5 50.2 75.2#

39 43.9 19.8 29.8#



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

1,3-Dichloropropane

Concen: 62.82 ug/l

RT: 10.938 min Scan# 1534

Delta R.T. -0.006 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

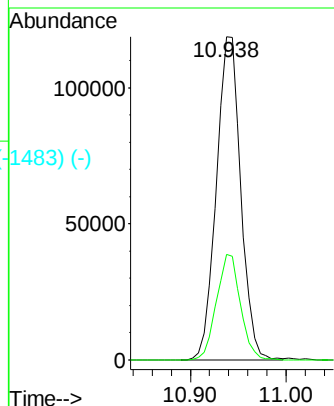
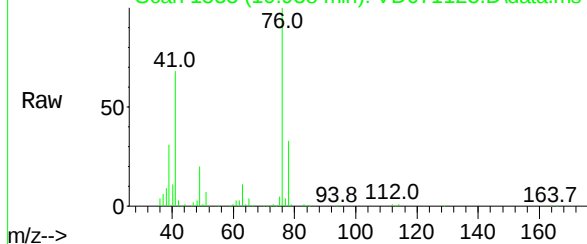
Tgt Ion: 76 Resp: 209858

Ion Ratio Lower Upper

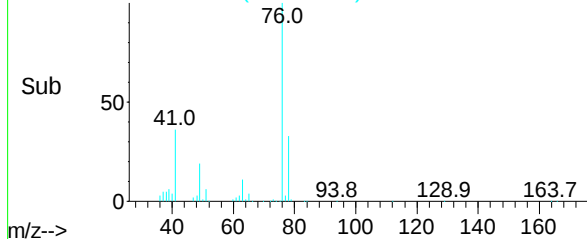
76 100

78 32.1 25.8 38.6

Abundance Scan 1533 (10.938 min): VD071125.D\data.ms



Abundance Scan 1533 (10.938 min): VD071125.D\data.ms (-1483) (-)



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

2-Chloroethyl Vinyl ether

Concen: 270.02 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

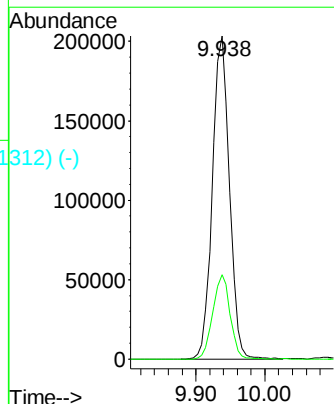
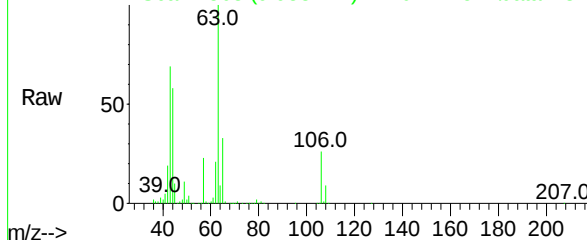
Tgt Ion: 63 Resp: 349415

Ion Ratio Lower Upper

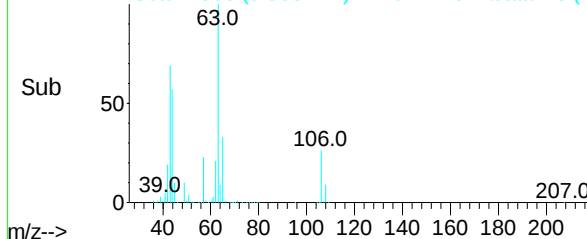
63 100

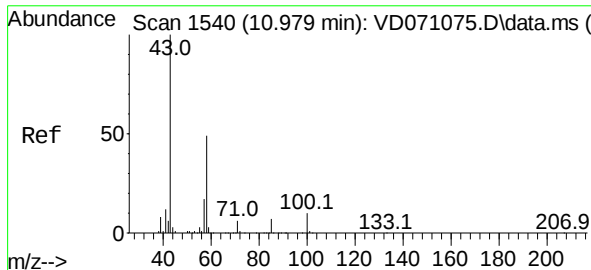
106 26.4 21.0 31.4

Abundance Scan 1363 (9.938 min): VD071125.D\data.ms



Abundance Scan 1363 (9.938 min): VD071125.D\data.ms (-1312) (-)

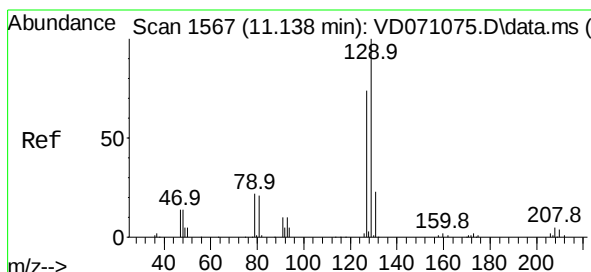
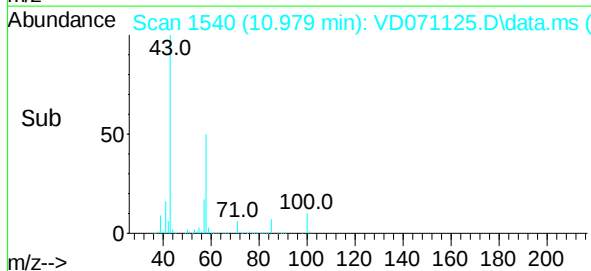
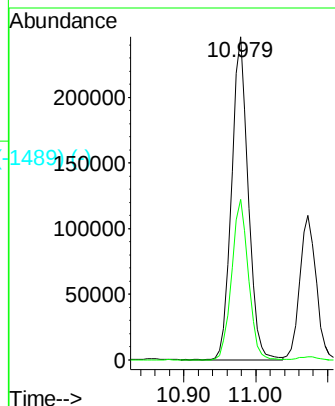
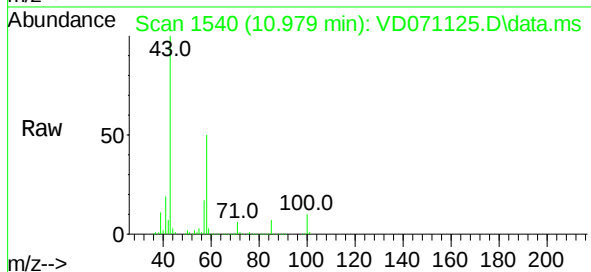




2-Hexanone
Concen: 273.00 ug/l
RT: 10.979 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

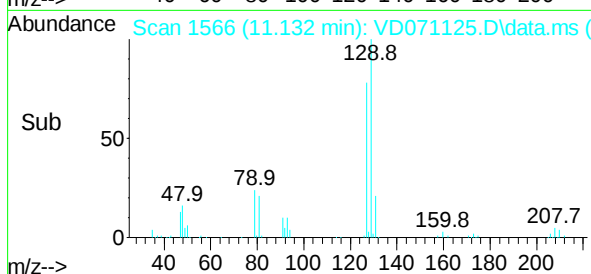
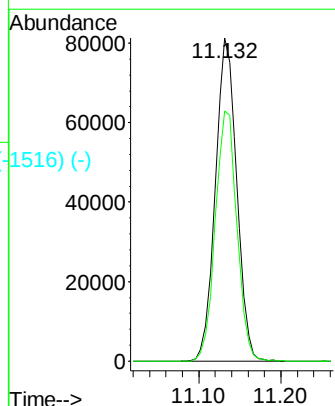
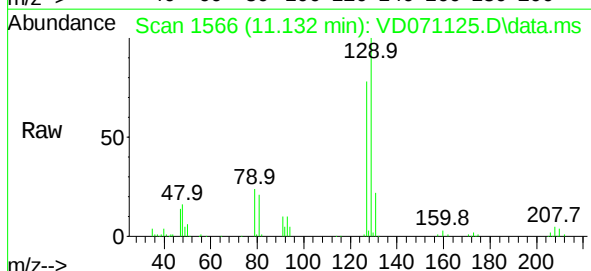
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 397202
Ion Ratio Lower Upper
43 100
58 49.9 28.7 86.1



Dibromochloromethane
Concen: 62.25 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion:129 Resp: 147126
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6



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

1,2-Dibromoethane

Concen: 61.77 ug/l

RT: 11.238 min Scan# 1585

Delta R.T. -0.006 min

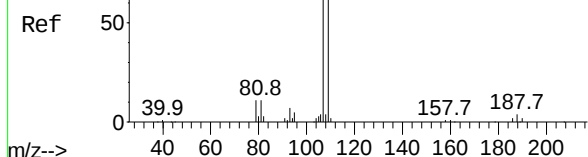
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

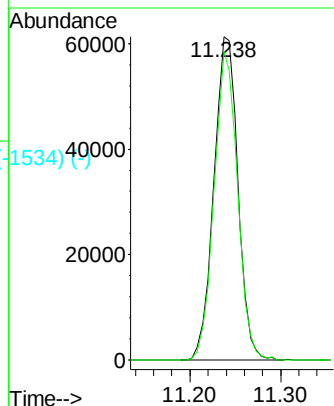
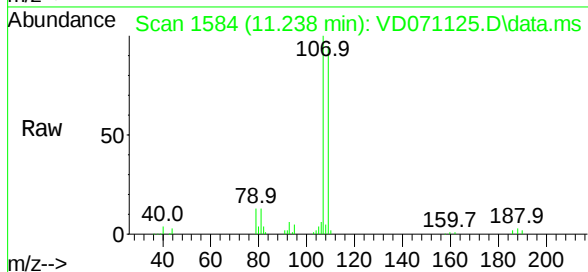


Tgt Ion:107 Resp: 112804

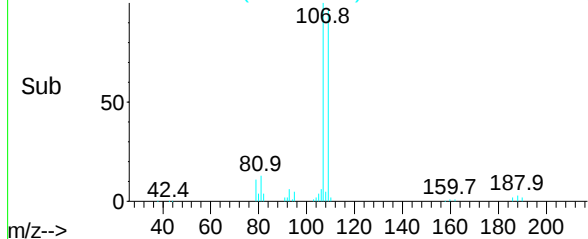
Ion Ratio Lower Upper

107 100

109 93.1 74.6 112.0



Abundance Scan 1584 (11.238 min): VD071125.D\data.ms (-1534) (-)



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

4-Bromofluorobenzene

Concen: 53.13 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.000 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

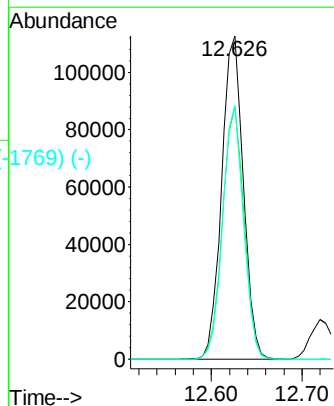
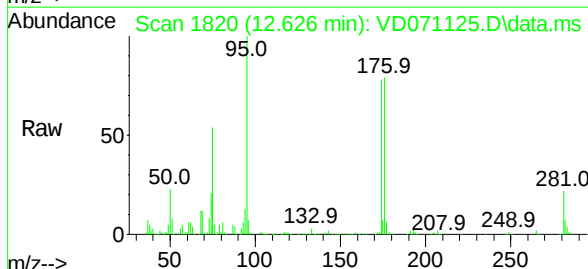
Tgt Ion: 95 Resp: 186766

Ion Ratio Lower Upper

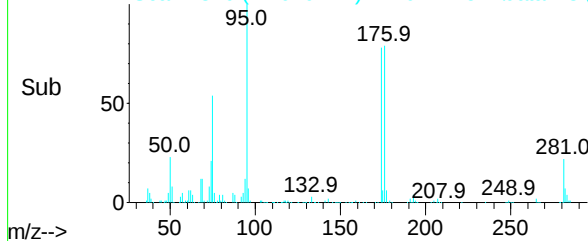
95 100

174 77.7 0.0 159.4

176 75.4 0.0 154.0



Abundance Scan 1820 (12.626 min): VD071125.D\data.ms (-1769) (-)



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: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1652 (11.638 min): VD071125.D\data.ms (-1601) (-)

Ref

Raw

Sub

m/z-->

Tgt Ion:117 Resp: 392085

Ion Ratio Lower Upper

117 100

82 59.4 44.7 67.1

119 32.8 26.2 39.4

Abundance

200000

150000

100000

50000

0

Time-->

11.60

11.638

11.70

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

Tetrachloroethene

Concen: 53.79 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Abundance Scan 1521 (10.867 min): VD071125.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1521 (10.867 min): VD071125.D\data.ms (-1471) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1521 (10.867 min): VD071125.D\data.ms (-1471) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1521 (10.867 min): VD071125.D\data.ms (-1471) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1521 (10.867 min): VD071125.D\data.ms (-1471) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1521 (10.867 min): VD071125.D\data.ms (-1471) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1521 (10.867 min): VD071125.D\data.ms (-1471) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1521 (10.867 min): VD071125.D\data.ms (-1471) (-)

Ref

Raw

Sub

m/z-->

Tgt Ion:164 Resp: 133896

Ion Ratio Lower Upper

164 100

166 122.4 102.6 153.8

129 95.9 75.4 113.0

131 87.8 70.6 106.0

Abundance

80000

60000

40000

20000

0

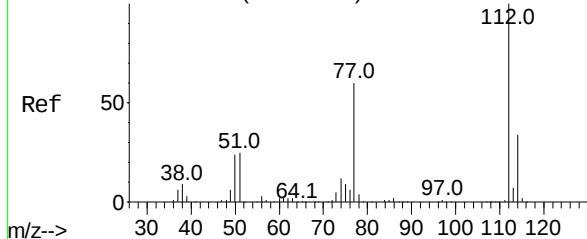
Time-->

10.80

10.867

10.90

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



Chlorobenzene

Concen: 55.68 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. -0.006 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

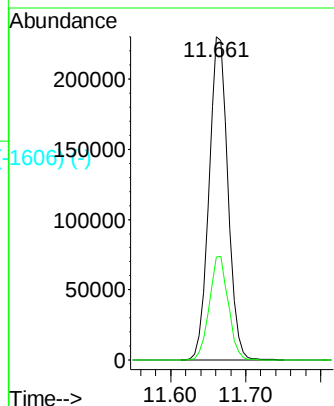
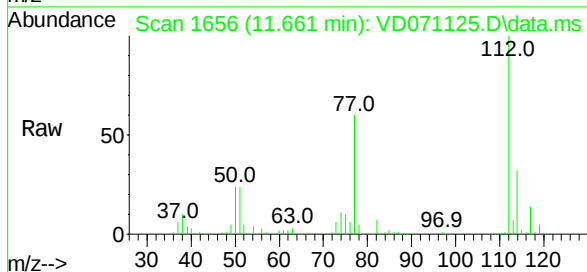
ClientSampleId :

Tgt Ion:112 Resp: 405078

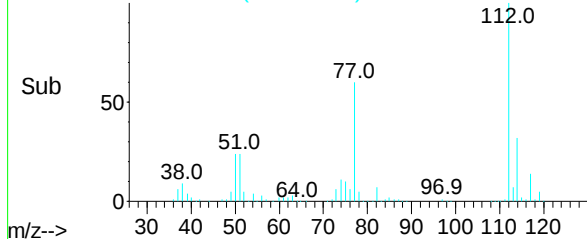
Ion Ratio Lower Upper

112 100

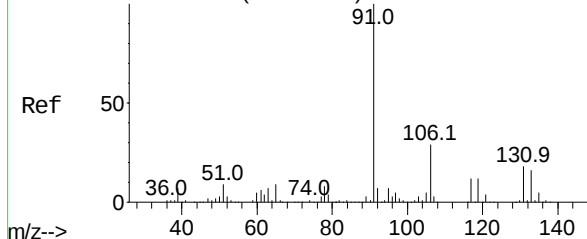
114 31.8 26.0 39.0



Abundance Scan 1656 (11.661 min): VD071125.D\data.ms (-1606) (-)



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



1,1,1,2-Tetrachloroethane

Concen: 57.57 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

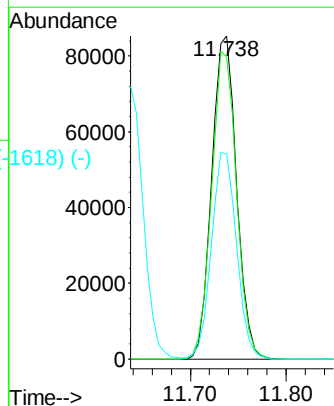
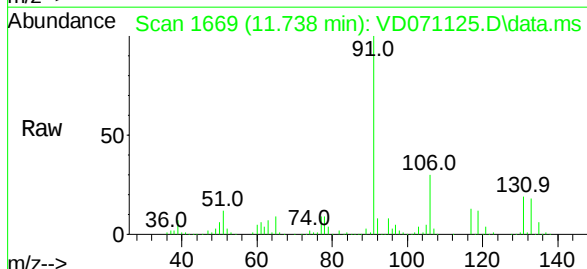
Tgt Ion:131 Resp: 152929

Ion Ratio Lower Upper

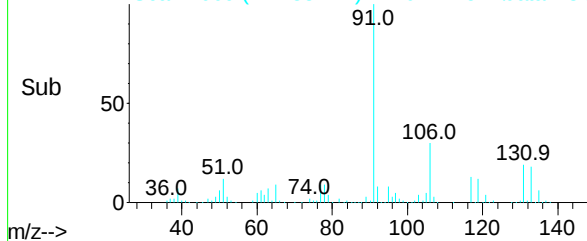
131 100

133 95.7 48.0 144.0

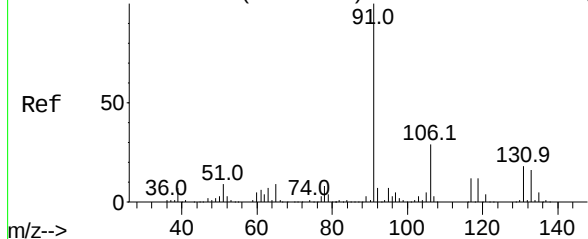
119 64.9 33.5 100.4



Abundance Scan 1669 (11.738 min): VD071125.D\data.ms (-1618) (-)



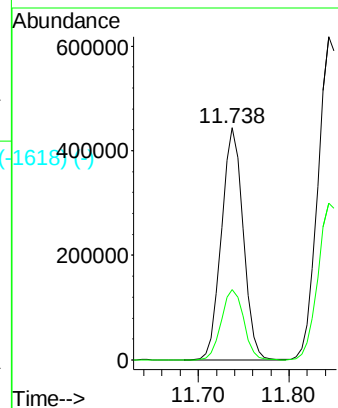
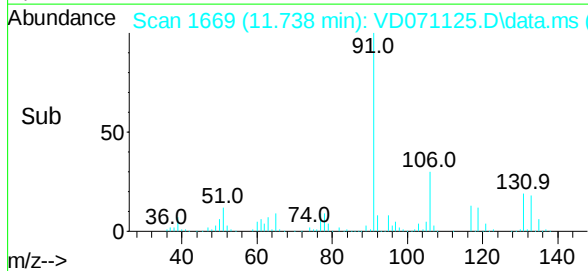
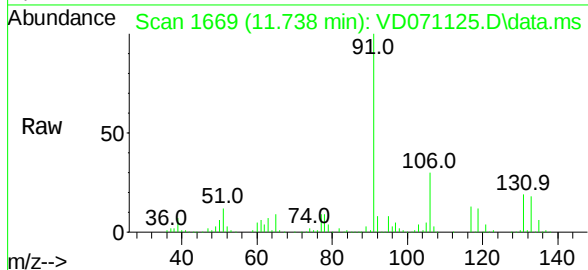
Abundance Scan 1669 (11.738 min): VD071075.D\data.ms (-1669)



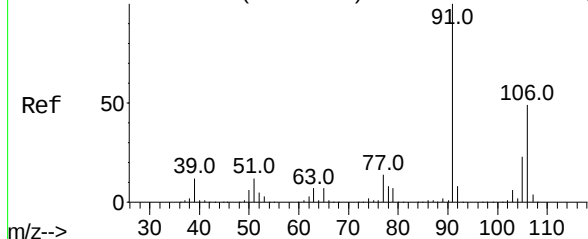
Ethyl Benzene
Concen: 53.94 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 738749
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8

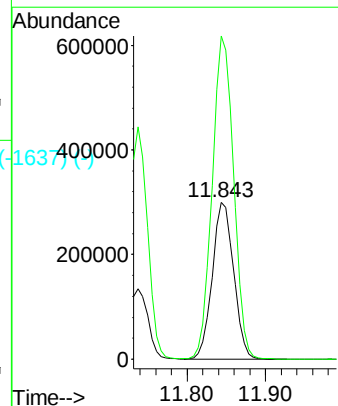
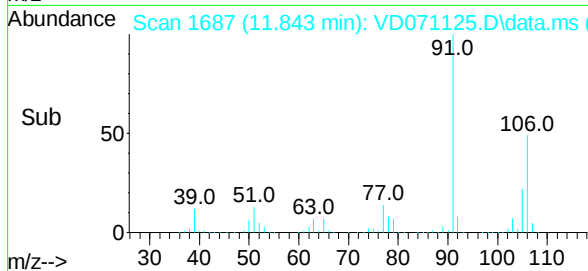
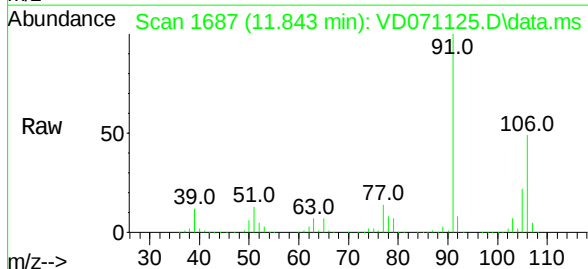


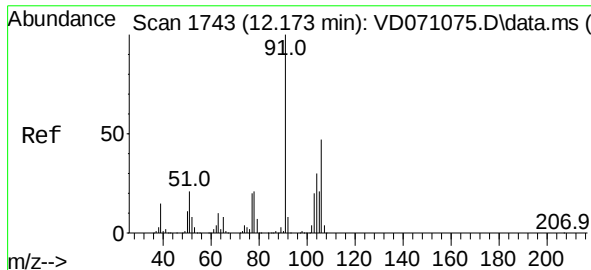
Abundance Scan 1688 (11.850 min): VD071075.D\data.ms (-1688)



m/p-Xylenes
Concen: 109.72 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.007 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion: 106 Resp: 567271
Ion Ratio Lower Upper
106 100
91 207.0 160.1 240.1

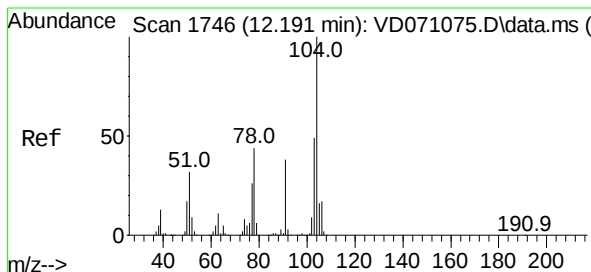
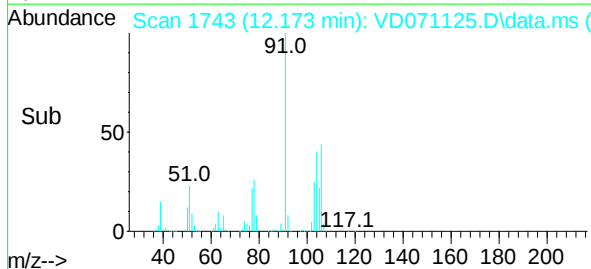
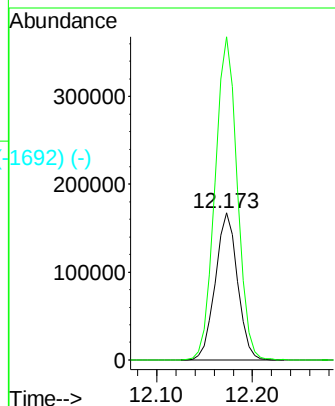
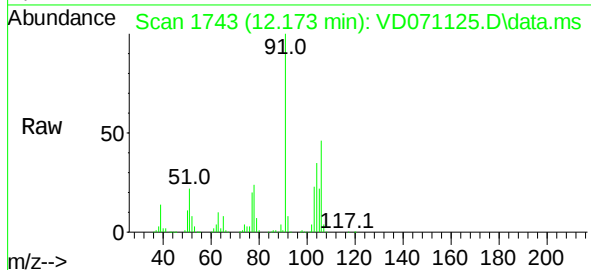




o-Xylene
Concen: 55.35 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

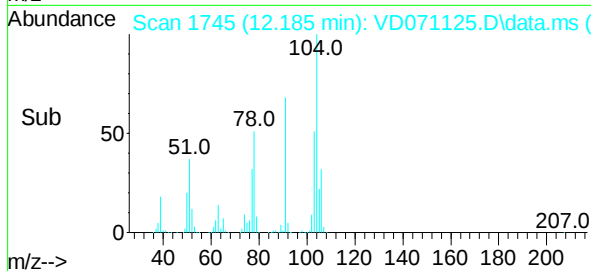
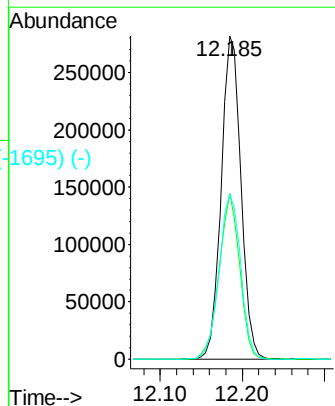
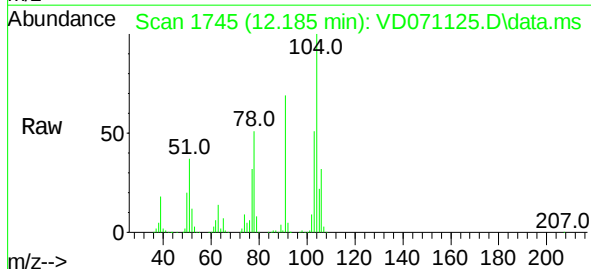
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 268979
Ion Ratio Lower Upper
106 100
91 220.1 106.3 319.0



Styrene
Concen: 57.58 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion:104 Resp: 471609
Ion Ratio Lower Upper
104 100
78 53.2 39.4 59.0
103 55.5 43.4 65.0



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

Bromoform

Concen: 61.77 ug/l

RT: 12.349 min Scan# 1774

Delta R.T. -0.006 min

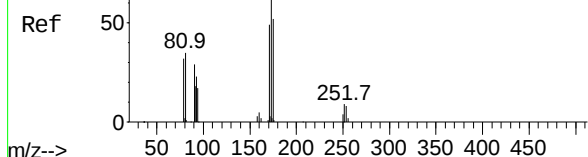
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :



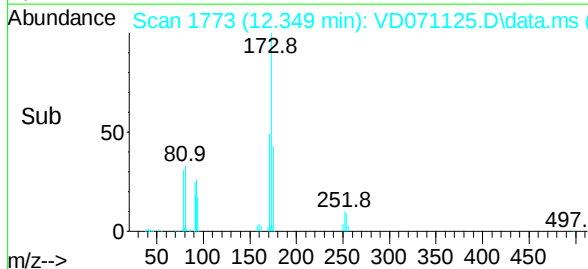
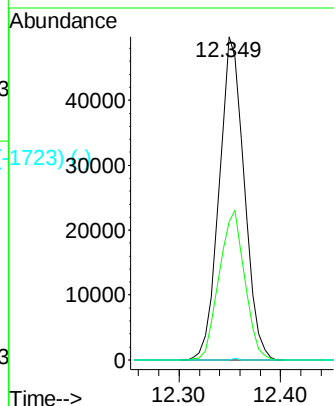
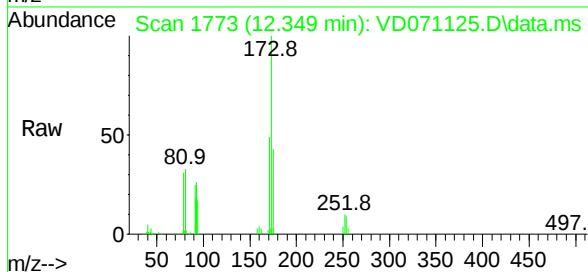
Tgt Ion:173 Resp: 85003

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.2

254 0.1 0.1 0.1



Abundance Scan 1980 (13.567 min): VD071075.D\data.ms (-197) (-)

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

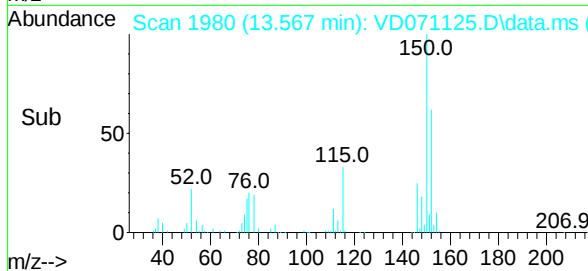
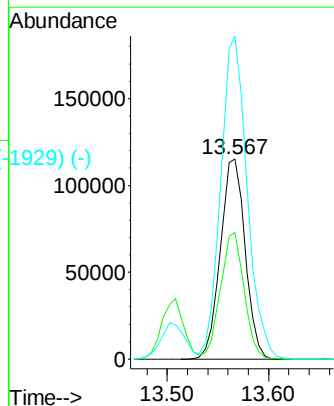
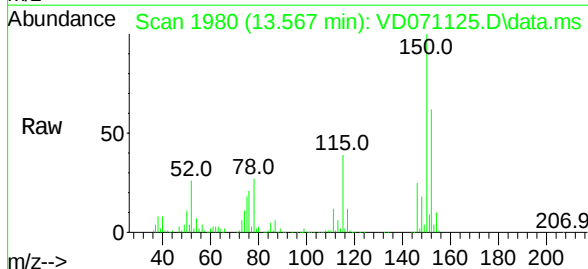
Tgt Ion:152 Resp: 195060

Ion Ratio Lower Upper

152 100

115 60.7 29.8 89.3

150 172.5 0.0 349.2



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

Isopropylbenzene

Concen: 51.48 ug/l

RT: 12.473 min Scan# 1794

Delta R.T. -0.000 min

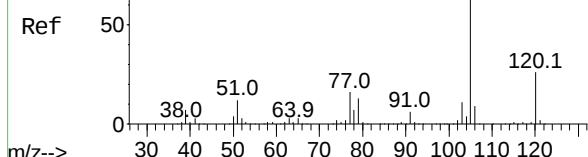
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

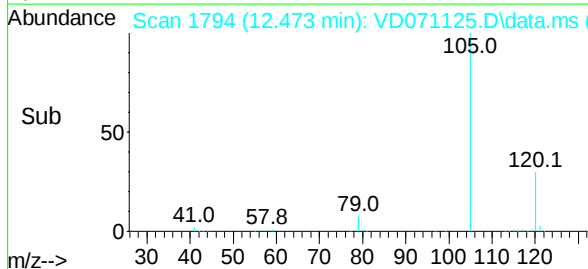
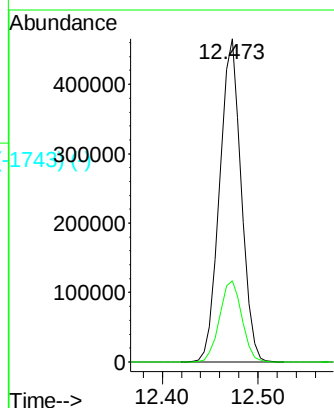
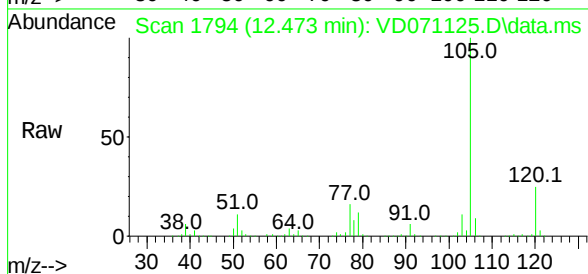


Tgt Ion:105 Resp: 727051

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



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

N-amyI acetate

Concen: 50.08 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Tgt Ion: 43 Resp: 193680

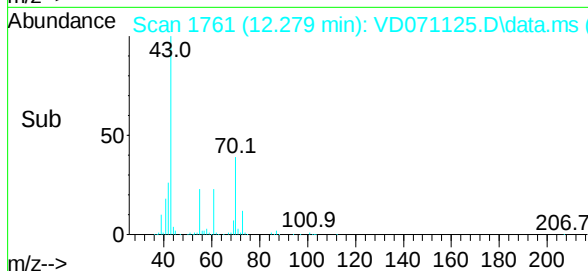
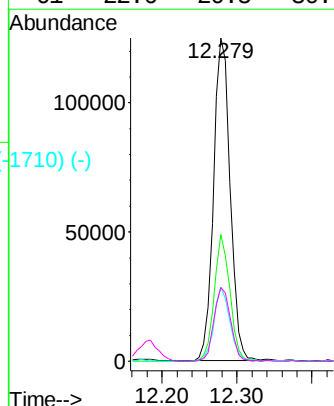
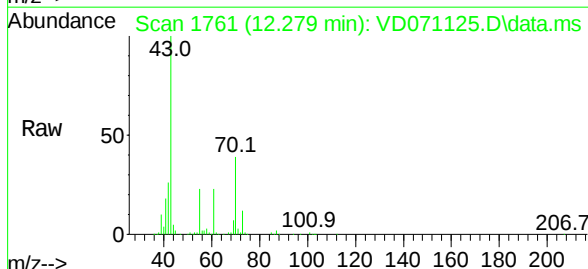
Ion Ratio Lower Upper

43 100

70 36.8 36.6 55.0

55 21.9 22.5 33.7#

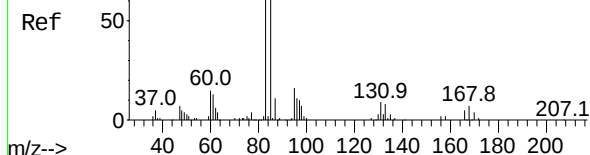
61 22.6 20.5 30.7



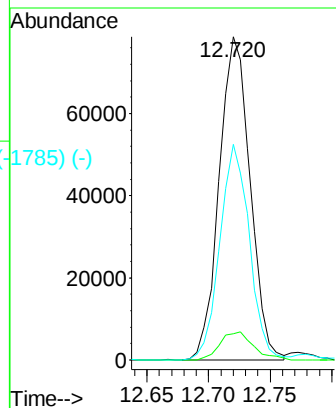
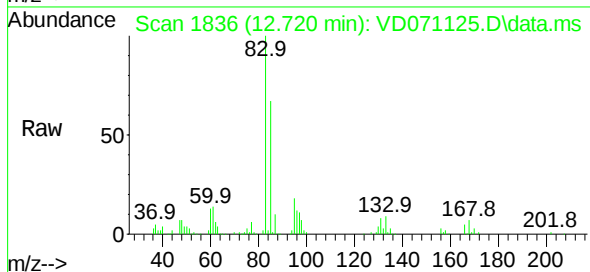
Abundance Scan 1836 (12.720 min): VD071075.D\data.ms (-1875) (-)

1,1,2,2-Tetrachloroethane
Concen: 59.14 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

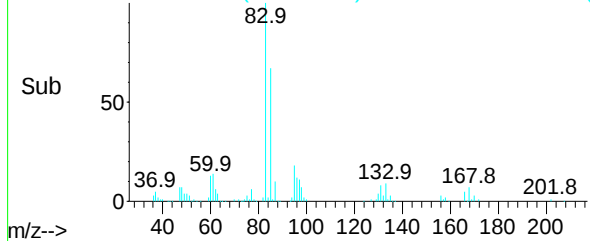
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	83	Resp:	137558
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.9	14.7
85	63.8	32.0	96.2



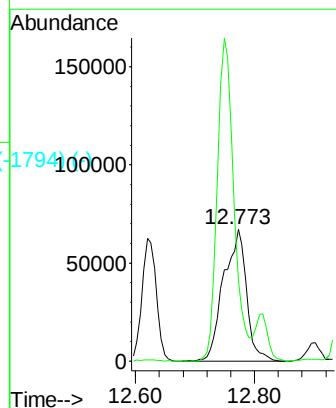
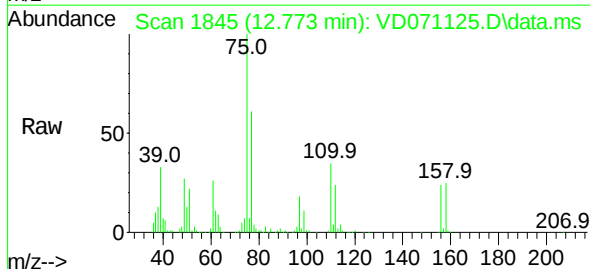
Abundance Scan 1836 (12.720 min): VD071125.D\data.ms (-1785) (-)



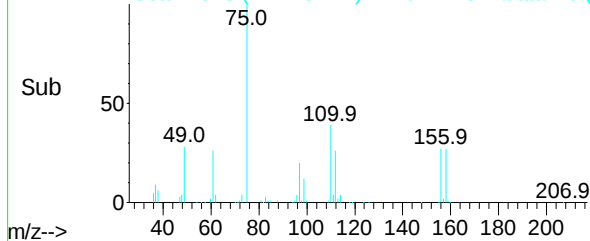
Abundance Scan 1845 (12.773 min): VD071075.D\data.ms (-1875) (-)

1,2,3-Trichloropropane
Concen: 96.14 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion:	75	Resp:	178667
Ion	Ratio	Lower	Upper
75	100		
77	0.0	158.4	475.3#



Abundance Scan 1845 (12.773 min): VD071125.D\data.ms (-1794) (-)



Abundance Scan 1842 (12.755 min): VD071075.D\data.ms (-1873) (-)

Bromobenzene

Concen: 52.73 ug/l

RT: 12.749 min Scan# 1842

Delta R.T. -0.006 min

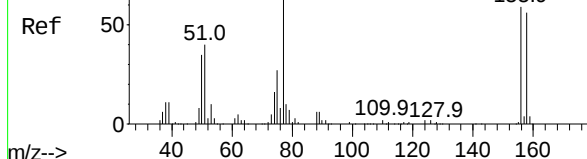
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :



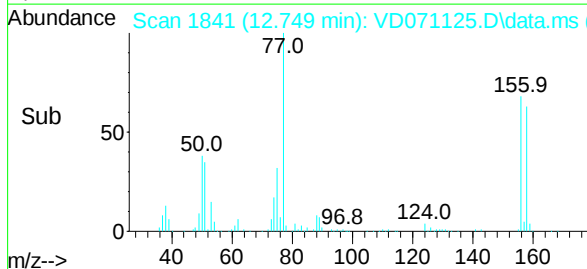
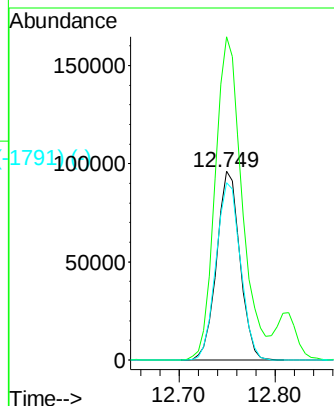
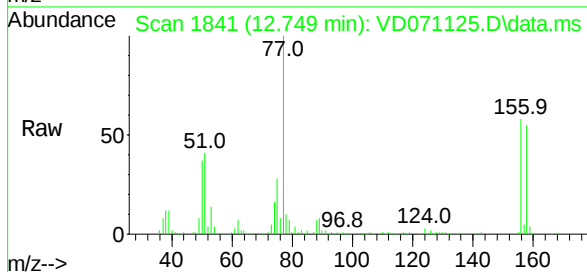
Tgt Ion:156 Resp: 161325

Ion Ratio Lower Upper

156 100

77 196.9 96.6 289.8

158 98.9 49.1 147.4



Abundance Scan 1852 (12.814 min): VD071075.D\data.ms (-1875) (-)

n-propylbenzene

Concen: 50.84 ug/l

RT: 12.814 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VD071125.D

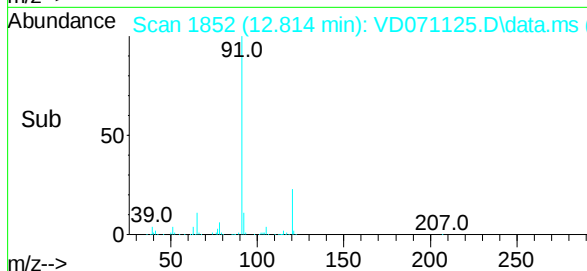
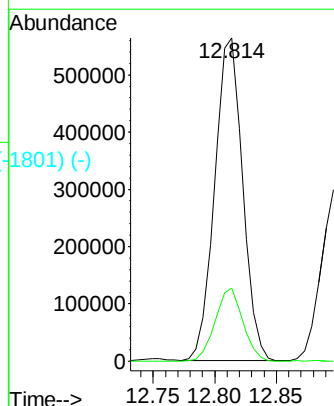
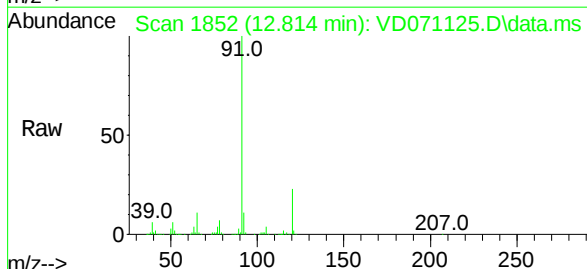
Acq: 02 Dec 2021 18:34

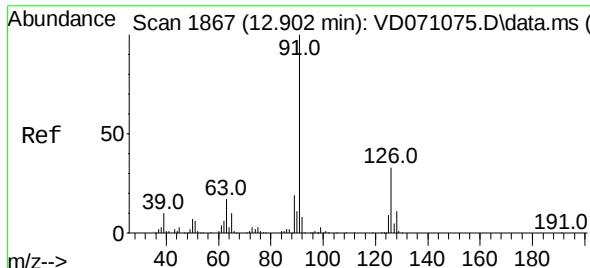
Tgt Ion: 91 Resp: 894143

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.9

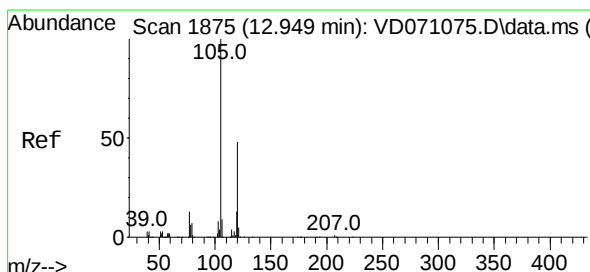
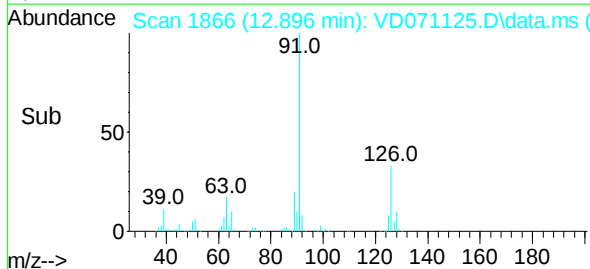
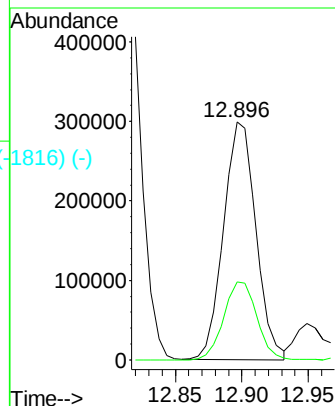
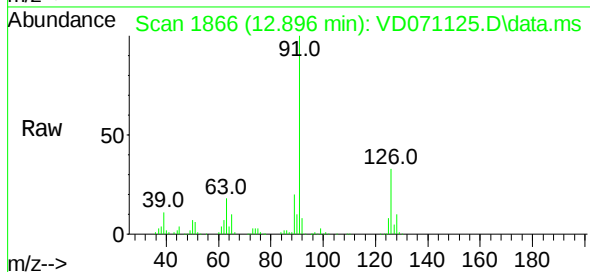




2-Chlorotoluene
Concen: 51.37 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

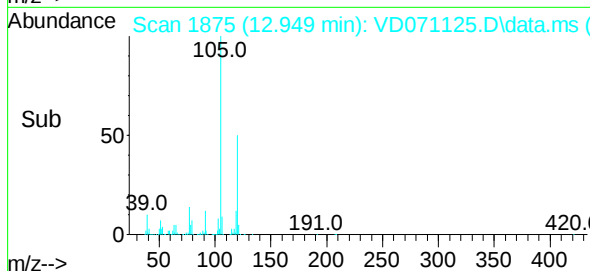
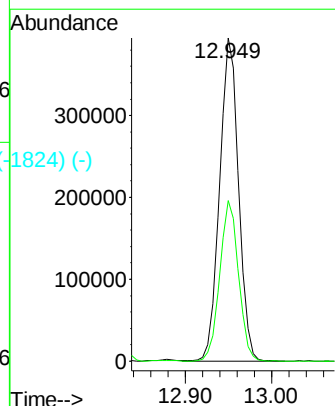
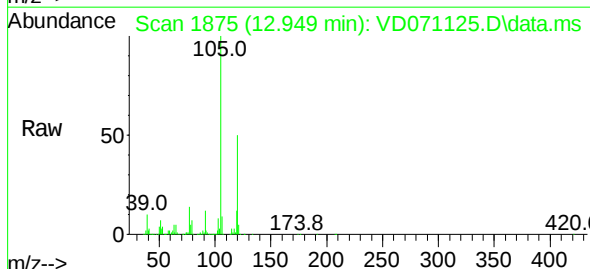
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 507145
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.7



1,3,5-Trimethylbenzene
Concen: 52.20 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion:105 Resp: 607940
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8



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

trans-1,4-Dichloro-2-butene

Concen: 48.92 ug/l

RT: 12.520 min Scan# 1802

Delta R.T. -0.000 min

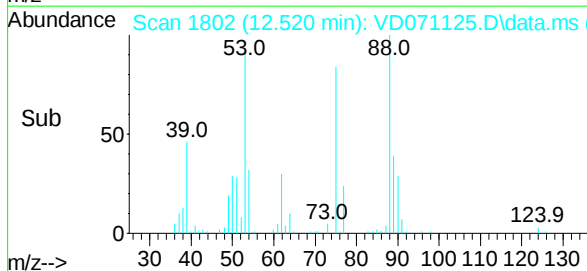
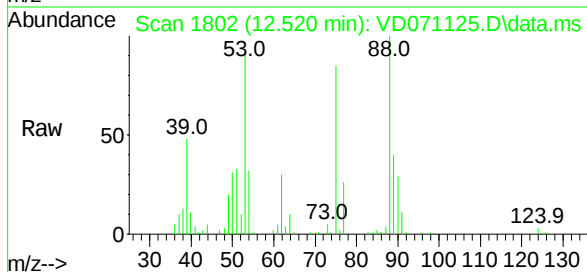
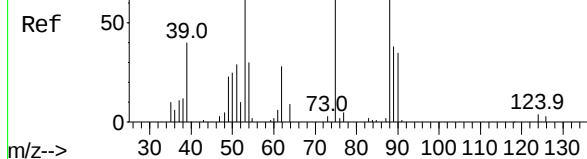
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

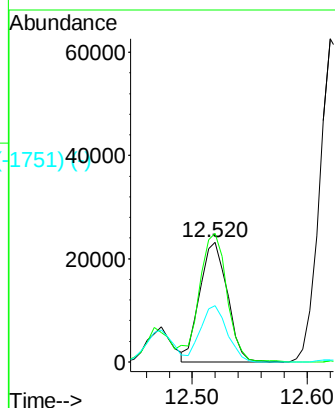
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	38762
Ion	Ratio	Lower	Upper
75	100		
53	109.1	62.6	94.0#
89	44.7	34.5	51.7



Abundance Scan 1883 (12.996 min): VD071075.D\data.ms (-1832) (-)

4-Chlorotoluene

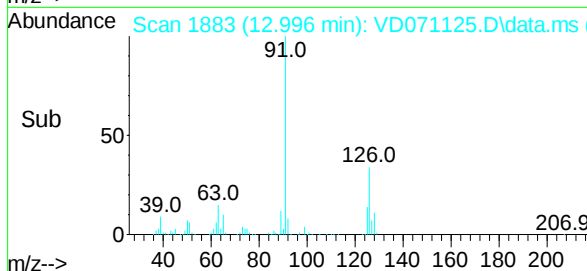
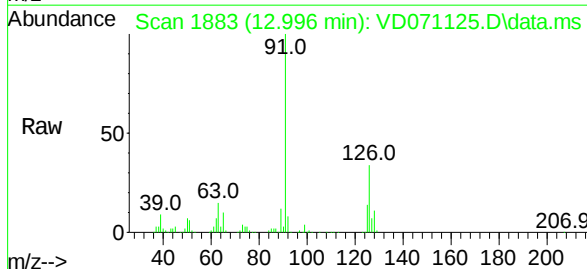
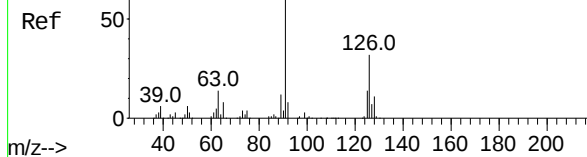
Concen: 51.49 ug/l

RT: 12.996 min Scan# 1883

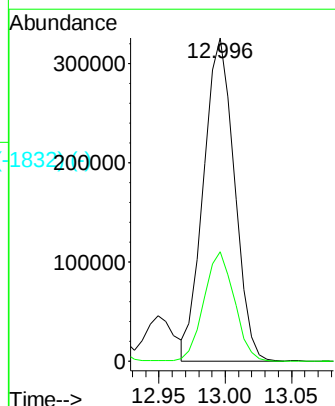
Delta R.T. -0.001 min

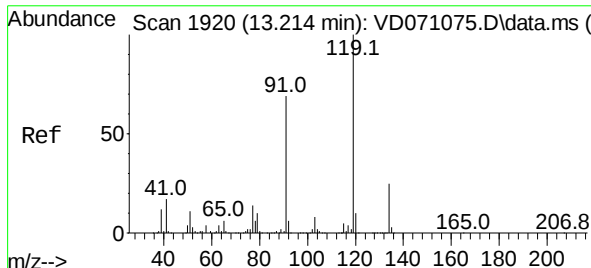
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34



Tgt Ion:	91	Resp:	527658
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.1

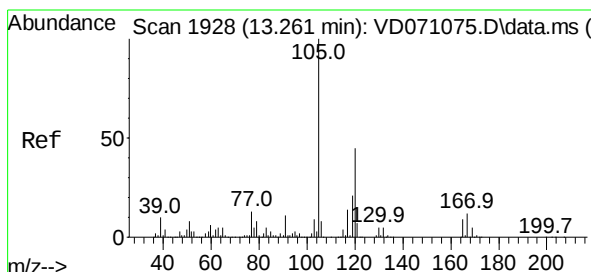
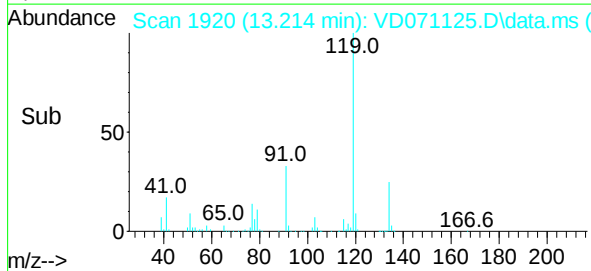
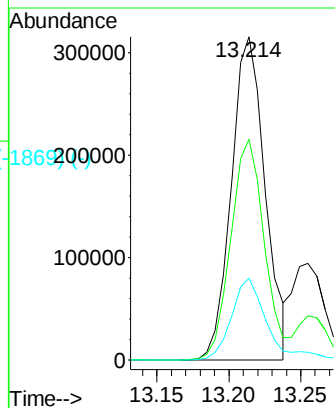
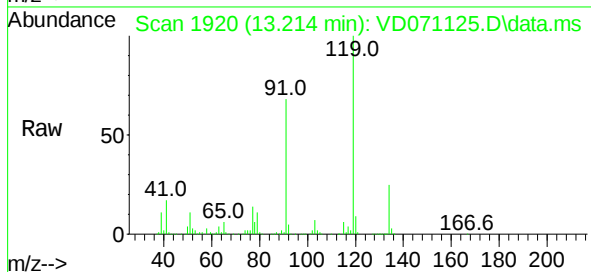




tert-Butylbenzene
Concen: 51.74 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

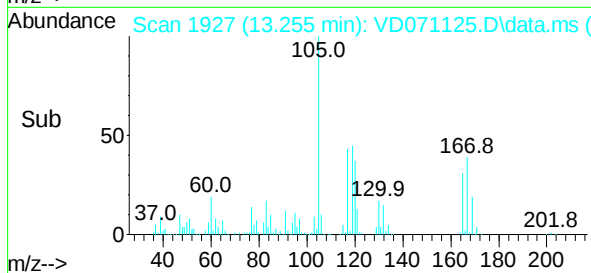
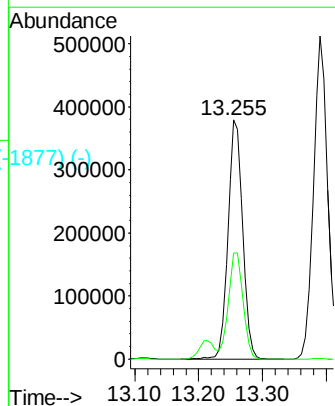
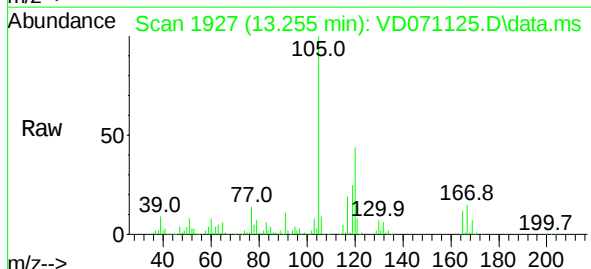
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	119	Resp:	517552
Ion	Ratio	Lower	Upper
119	100		
91	68.5	32.5	97.5
134	26.5	13.2	39.6



1,2,4-Trimethylbenzene
Concen: 53.36 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion:	105	Resp:	606727
Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.9	68.7



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

sec-Butylbenzene

Concen: 51.46 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.001 min

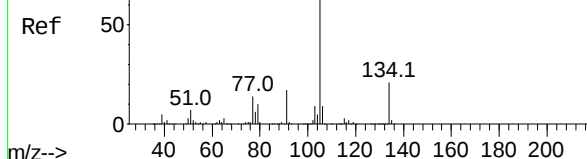
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

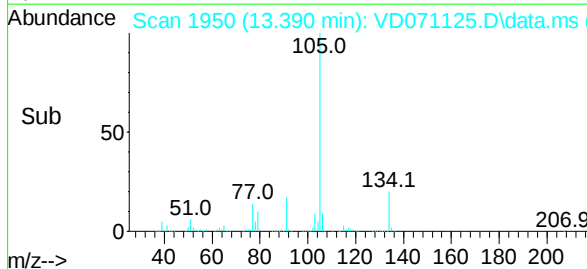
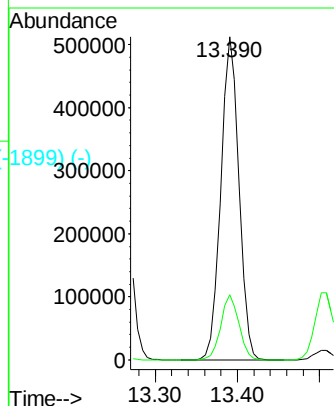
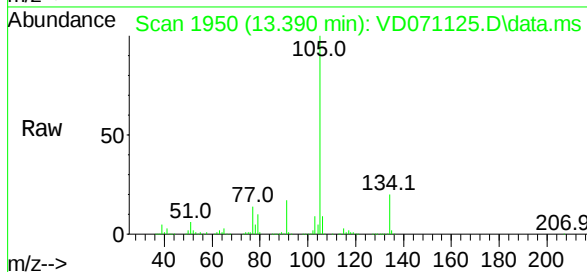


Tgt Ion:105 Resp: 786151

Ion Ratio Lower Upper

105 100

134 20.2 9.7 28.9



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

p-Isopropyltoluene

Concen: 51.83 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. 0.000 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

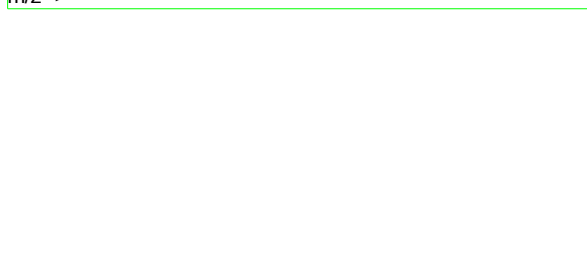
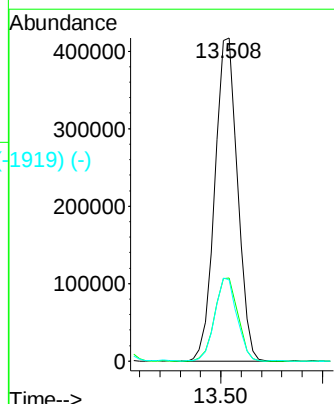
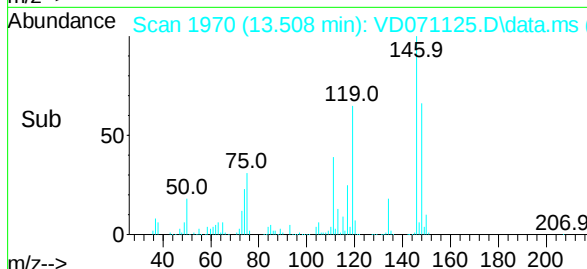
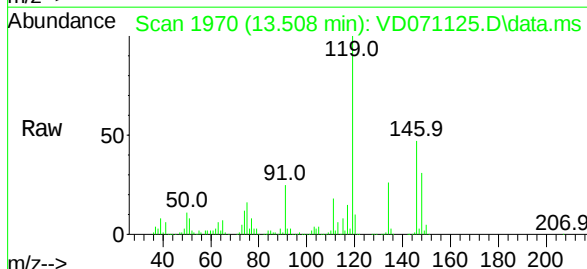
Tgt Ion:119 Resp: 647674

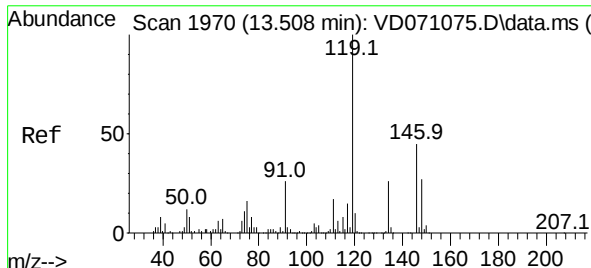
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 25.0 11.4 34.2

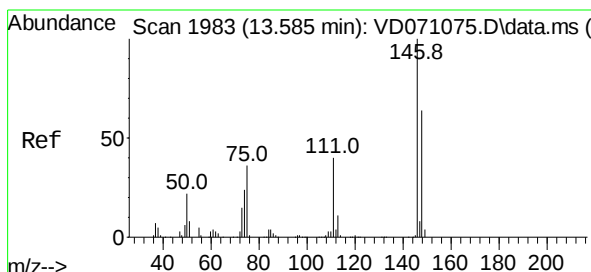
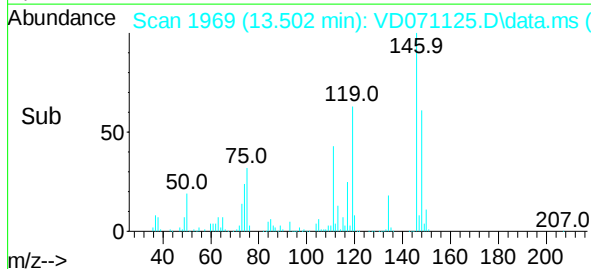
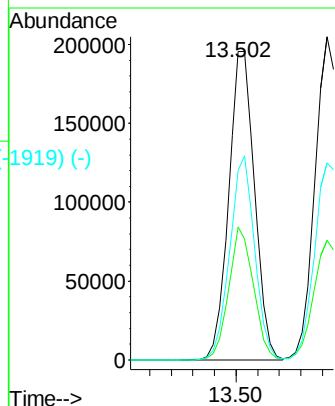
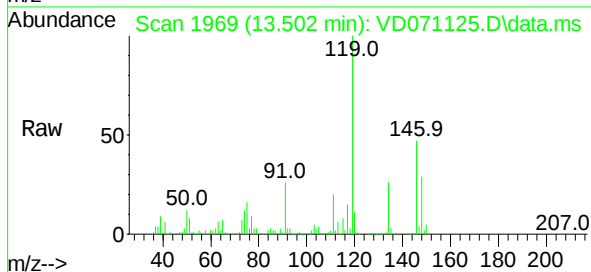




1,3-Dichlorobenzene
Concen: 53.94 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

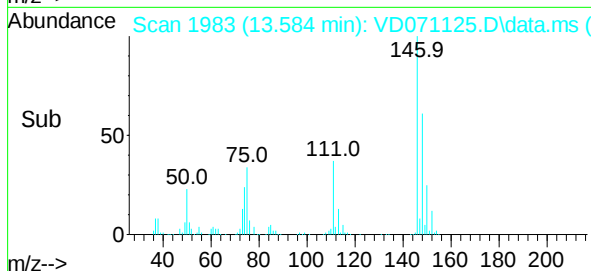
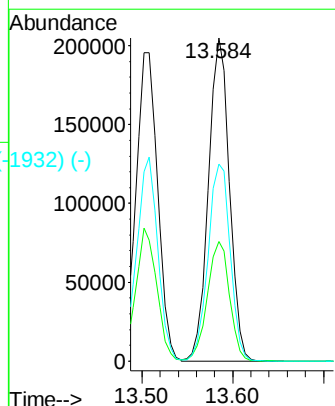
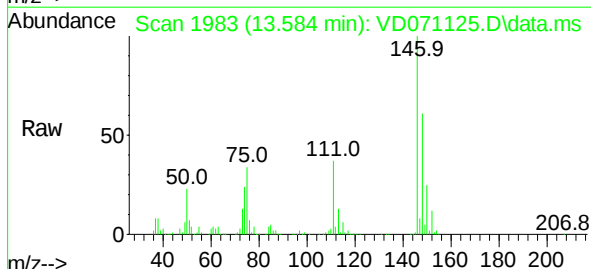
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	146	Resp:	328473
Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.8	59.4
148	63.7	32.1	96.3



1,4-Dichlorobenzene
Concen: 54.65 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.001 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion:	146	Resp:	329725
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	64.3	31.5	94.5



Abundance Scan 2025 (13.832 min): VD071075.D\data.ms (-2019) (-)

n-Butylbenzene

Concen: 51.51 ug/l

RT: 13.832 min Scan# 2025

Delta R.T. -0.000 min

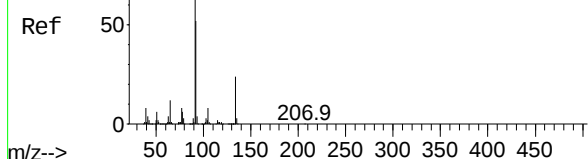
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :



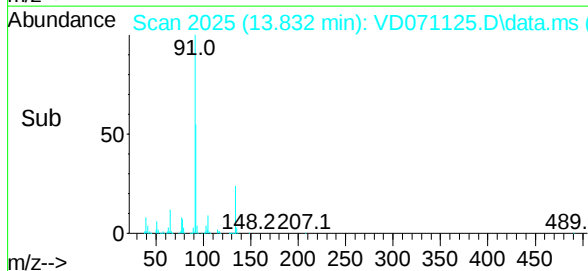
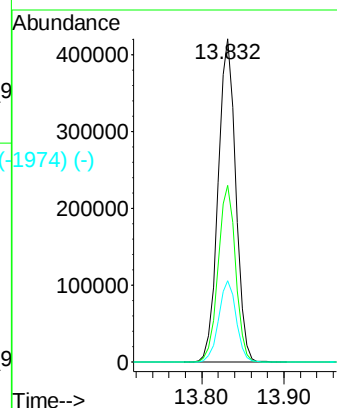
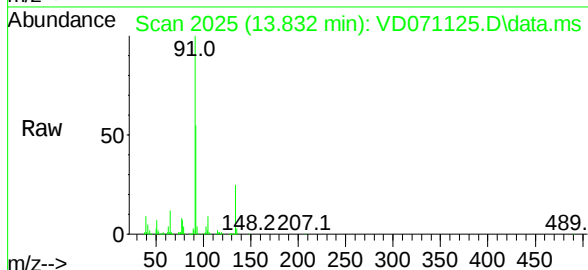
Tgt Ion: 91 Resp: 628345

Ion Ratio Lower Upper

91 100

92 54.0 27.3 81.9

134 24.9 12.3 36.9



Abundance Scan 2070 (14.096 min): VD071075.D\data.ms (-2019) (-)

Hexachloroethane

Concen: 52.68 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD071125.D

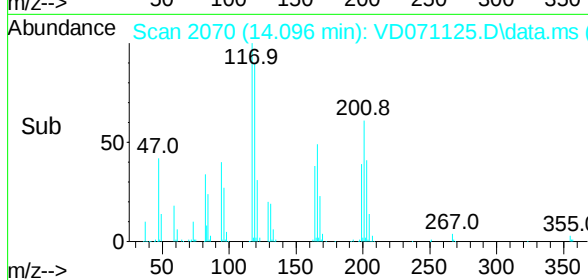
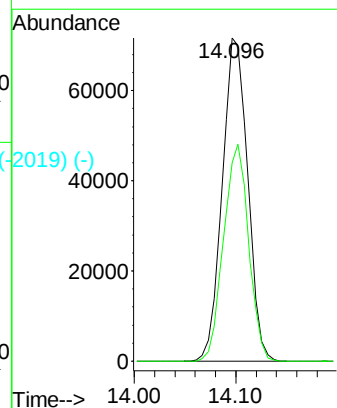
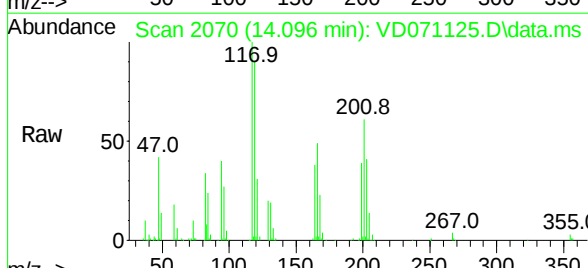
Acq: 02 Dec 2021 18:34

Tgt Ion: 117 Resp: 124774

Ion Ratio Lower Upper

117 100

201 66.0 36.0 108.1



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

1,2-Dichlorobenzene

Concen: 56.14 ug/l

RT: 13.879 min Scan# 2136

Delta R.T. -0.000 min

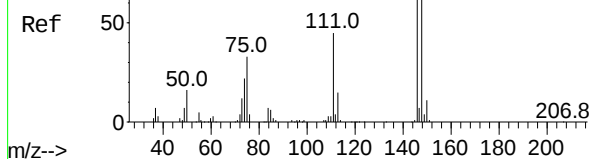
Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :



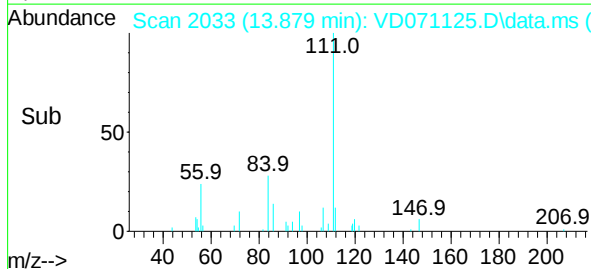
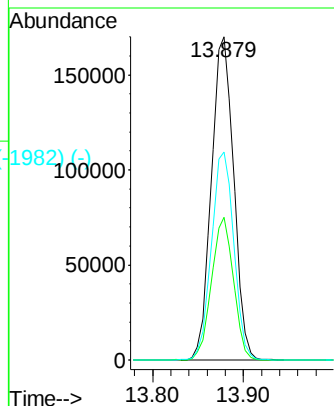
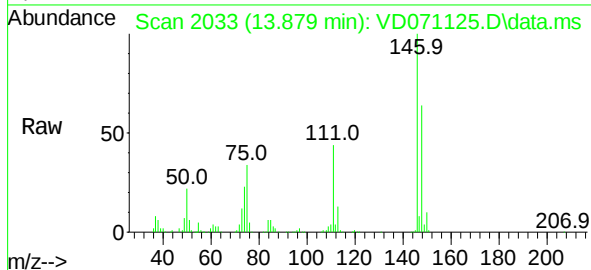
Tgt Ion:146 Resp: 290755

Ion Ratio Lower Upper

146 100

111 43.3 20.8 62.2

148 64.4 31.7 95.1



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

1,2-Dibromo-3-Chloropropane

Concen: 60.07 ug/l

RT: 14.484 min Scan# 2136

Delta R.T. -0.007 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

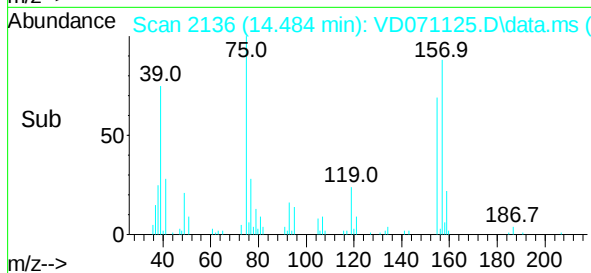
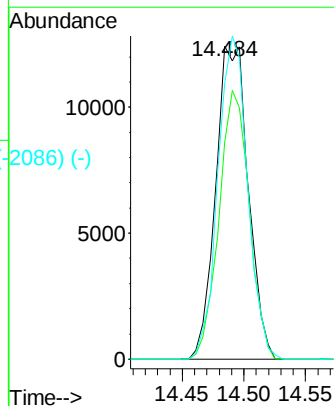
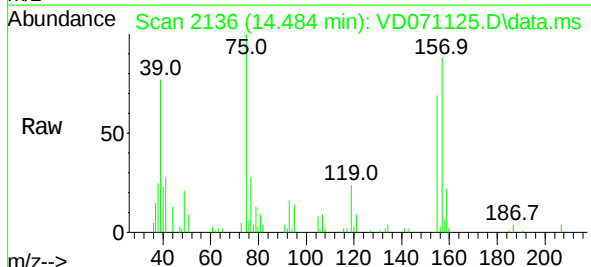
Tgt Ion: 75 Resp: 22755

Ion Ratio Lower Upper

75 100

155 79.5 40.0 120.0

157 94.0 49.8 149.3



Abundance Scan 2248 (15.143 min): VD071075.D\data.ms (-2197) (-)

1,2,4-Trichlorobenzene

Concen: 55.49 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_D

ClientSampleId :

Ref 50 74.0 109.0 144.9 179.9 280.8

m/z-->

Abundance Scan 2248 (15.143 min): VD071125.D\data.ms

Raw 50 74.0 108.9 144.9 179.9 231.9 281.0

m/z-->

Abundance Scan 2248 (15.143 min): VD071125.D\data.ms (-2197) (-)

Sub 50 74.0 108.9 144.9 179.9 231.9 281.0

m/z-->

Tgt Ion:180 Resp: 179256

Ion Ratio Lower Upper

180 100

182 98.0 48.2 144.6

145 32.0 15.4 46.2

Abundance

15.143

100000

80000

60000

40000

20000

0

Time-->

Abundance Scan 2267 (15.255 min): VD071075.D\data.ms (-2197) (-)

Hexachlorobutadiene

Concen: 51.45 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD071125.D

Acq: 02 Dec 2021 18:34

Ref 50 47.0 82.9 117.9 152.9 189.9 224.8 259.8

m/z-->

Abundance Scan 2266 (15.249 min): VD071125.D\data.ms

Raw 50 47.0 83.0 117.9 154.9 189.8 224.8 259.8

m/z-->

Abundance Scan 2266 (15.249 min): VD071125.D\data.ms (-2216) (-)

Sub 50 47.0 83.0 117.9 154.9 189.8 224.8 259.8

m/z-->

Tgt Ion:225 Resp: 94036

Ion Ratio Lower Upper

225 100

223 64.6 31.8 95.3

227 65.1 31.6 94.8

Abundance

15.249

50000

40000

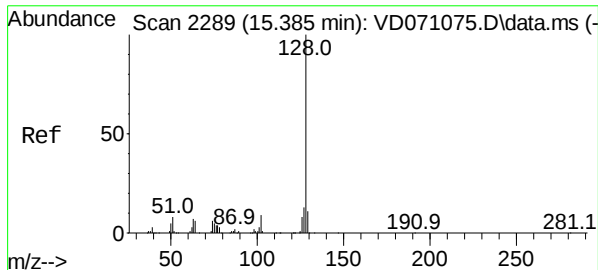
30000

20000

10000

0

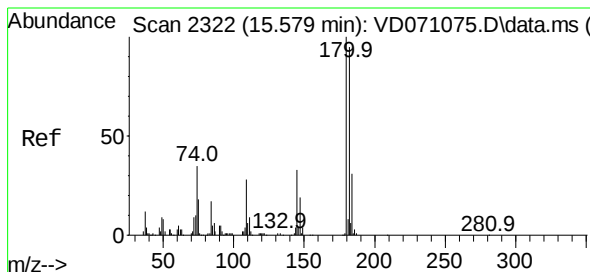
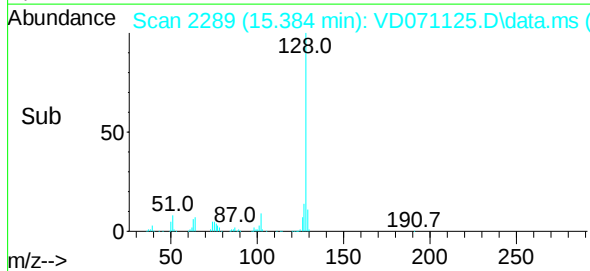
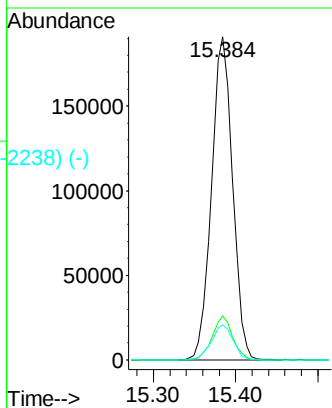
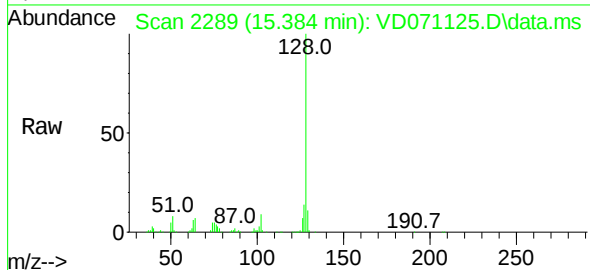
Time-->



Naphthalene
Concen: 59.81 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	340601
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	11.2	8.7	13.1



1,2,3-Trichlorobenzene
Concen: 58.08 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.001 min
Lab File: VD071125.D
Acq: 02 Dec 2021 18:34

Tgt Ion:	180	Resp:	159352
Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.7	140.1
145	32.1	15.9	47.6

