

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071115.D
 Acq On : 02 Dec 2021 13:40
 Operator : VA/SY
 Sample : VD1202SBS01
 Misc : 5.00G/5.00mL/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 03 00:36:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	257617	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	444156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	409666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	198628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	163776	54.18	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	108.36%	
35) Dibromofluoromethane	7.914	113	149760	52.95	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	105.90%	
50) Toluene-d8	10.332	98	531375	49.37	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.626	95	192051	51.48	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	102.96%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	46355	21.10	ug/l	99
3) Chloromethane	2.209	50	66905	23.02	ug/l	99
4) Vinyl Chloride	2.350	62	72465	22.35	ug/l	89
5) Bromomethane	2.756	94	50033	21.40	ug/l	100
6) Chloroethane	2.921	64	50514	22.65	ug/l	96
7) Trichlorofluoromethane	3.274	101	86659	19.73	ug/l	98
8) Diethyl Ether	3.709	74	22804	19.15	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.097	101	49675	19.17	ug/l	98
10) Methyl Iodide	4.303	142	40589	16.80	ug/l	97
11) Tert butyl alcohol	5.185	59	40938	197.51	ug/l #	71
12) 1,1-Dichloroethene	4.068	96	43165	18.05	ug/l #	79
13) Acrolein	3.921	56	22078	106.88	ug/l	98
14) Allyl chloride	4.721	41	83748	18.44	ug/l #	81
15) Acrylonitrile	5.420	53	57265	98.88	ug/l	93
16) Acetone	4.156	43	56278	92.27	ug/l #	83
17) Carbon Disulfide	4.403	76	134461	19.20	ug/l	97
18) Methyl Acetate	4.715	43	47035	21.09	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	114385	19.52	ug/l	98
20) Methylene Chloride	4.962	84	62157	17.68	ug/l	95
21) trans-1,2-Dichloroethene	5.468	96	49210	18.28	ug/l	87
22) Diisopropyl ether	6.356	45	174831	19.21	ug/l	95
23) Vinyl Acetate	6.303	43	396257	98.96	ug/l	96
24) 1,1-Dichloroethane	6.262	63	99765	19.06	ug/l	97
25) 2-Butanone	7.203	43	79821	104.69	ug/l #	81
26) 2,2-Dichloropropane	7.203	77	79982	16.80	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	58526	19.22	ug/l	94
28) Bromochloromethane	7.550	49	53959	23.73	ug/l	88
29) Tetrahydrofuran	7.567	42	49266	102.64	ug/l	95
30) Chloroform	7.703	83	99889	19.01	ug/l	99
31) Cyclohexane	7.979	56	91700	17.83	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	85014	18.02	ug/l #	90
36) 1,1-Dichloropropene	8.109	75	75121	18.10	ug/l	99
37) Ethyl Acetate	7.291	43	35029	19.53	ug/l #	92
38) Carbon Tetrachloride	8.091	117	74441	18.19	ug/l	97
39) Methylcyclohexane	9.350	83	85791	17.18	ug/l	94

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Instrument :
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Quant Time: Dec 03 00:36:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : Sw846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.350	78	206151	18.28	ug/l	96
41) Methacrylonitrile	7.520	41	23166	29.06	ug/l #	72
42) 1,2-Dichloroethane	8.414	62	68630	19.94	ug/l	94
43) Isopropyl Acetate	8.444	43	69162	20.92	ug/l #	89
44) Trichloroethene	9.108	130	54111	18.00	ug/l	100
45) 1,2-Dichloropropane	9.385	63	55895	18.85	ug/l	99
46) Dibromomethane	9.473	93	29957	19.47	ug/l	94
47) Bromodichloromethane	9.656	83	75573	18.57	ug/l #	94
48) Methyl methacrylate	9.456	41	29630	16.88	ug/l #	89
49) 1,4-Dioxane	9.456	88	7098	477.95	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	175918	106.99	ug/l	90
52) Toluene	10.397	92	131991	18.45	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	67847	18.14	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	80331	18.08	ug/l #	78
55) 1,1,2-Trichloroethane	10.791	97	38054	18.85	ug/l	99
56) Ethyl methacrylate	10.655	69	48332	20.62	ug/l #	70
57) 1,3-Dichloropropane	10.938	76	69153	19.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	151892	110.60	ug/l	99
59) 2-Hexanone	10.979	43	120112	102.51	ug/l	90
60) Dibromochloromethane	11.138	129	48438	19.31	ug/l	99
61) 1,2-Dibromoethane	11.244	107	38560	19.89	ug/l	98
64) Tetrachloroethene	10.867	164	45888	17.64	ug/l	95
65) Chlorobenzene	11.661	112	138779	18.26	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	51335	18.50	ug/l	97
67) Ethyl Benzene	11.738	91	245515	17.16	ug/l	99
68) m/p-Xylenes	11.844	106	189393	35.06	ug/l	96
69) o-Xylene	12.173	106	89006	17.53	ug/l	99
70) Styrene	12.185	104	150914	17.64	ug/l	97
71) Bromoform	12.355	173	27653	19.23	ug/l #	99
73) Isopropylbenzene	12.473	105	234873	16.33	ug/l	99
74) N-amyl acetate	12.279	43	60828	19.39	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	45841	19.35	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	56272	29.74	ug/l	37
77) Bromobenzene	12.755	156	54415	17.47	ug/l	98
78) n-propylbenzene	12.814	91	297079	16.59	ug/l	100
79) 2-Chlorotoluene	12.897	91	166959	16.61	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	196474	16.57	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	11787	18.66	ug/l #	75
82) 4-Chlorotoluene	12.997	91	177051	16.97	ug/l	99
83) tert-Butylbenzene	13.214	119	167561	16.45	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	197423	17.05	ug/l	98
85) sec-Butylbenzene	13.391	105	258351	16.61	ug/l	100
86) p-Isopropyltoluene	13.508	119	209653	16.48	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	110630	17.84	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	107477	17.49	ug/l	96
89) n-Butylbenzene	13.832	91	205445	16.54	ug/l	99
90) Hexachloroethane	14.102	117	39868	16.53	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	94407	17.90	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	7267	18.84	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	57777	17.56	ug/l	99
94) Hexachlorobutadiene	15.249	225	30965	16.64	ug/l	96
95) Naphthalene	15.385	128	105339	18.17	ug/l	99

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ClientSampleId :

Quant Time: Dec 03 00:36:29 2021
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Quant Title : Sw846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

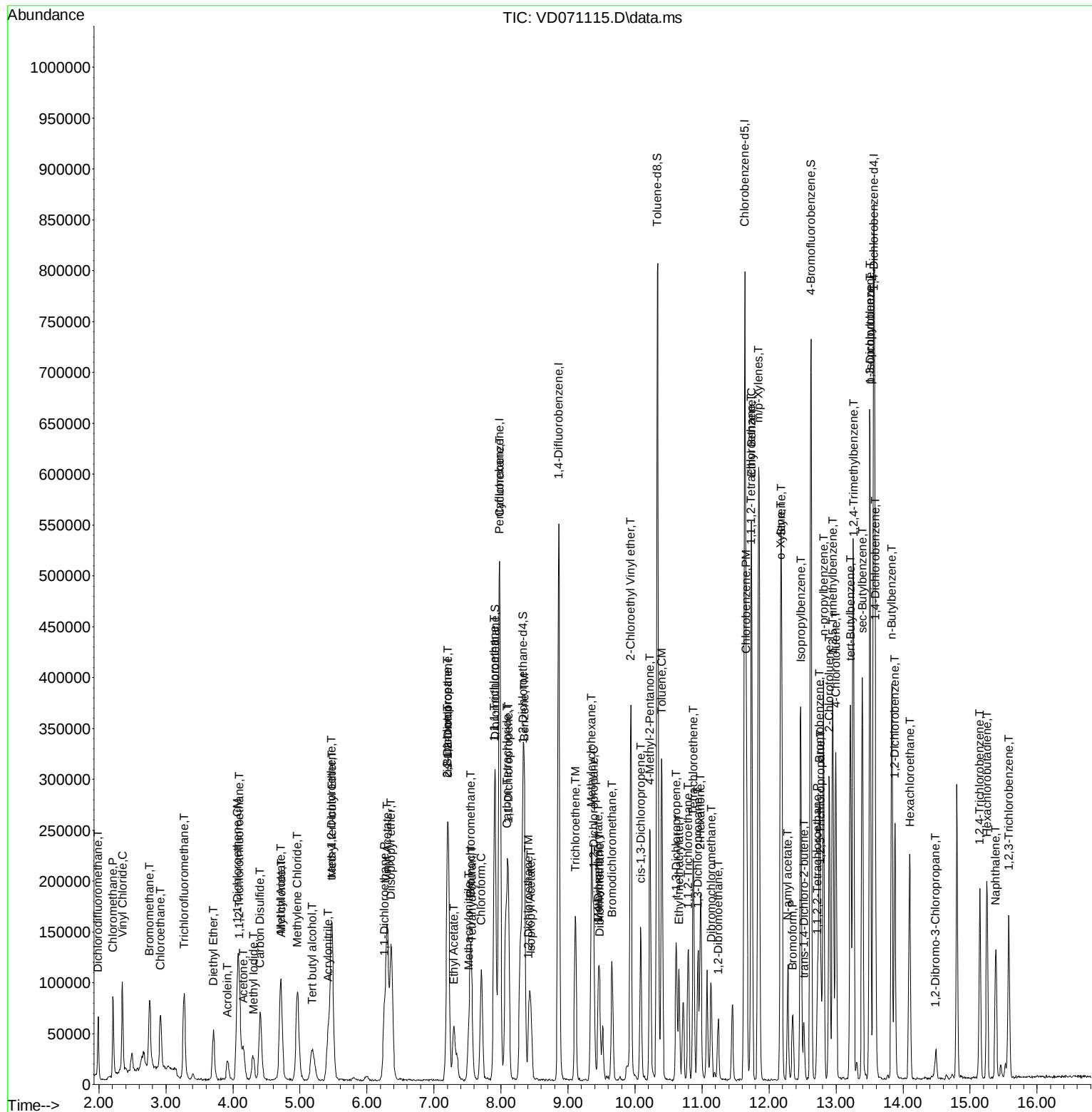
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.579	180	50446	18.06	ug/l	99

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

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 Operator : VA/SY
 Sample : VD1202SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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 MSVOA_D
 ClientSampleId :

Quant Time: Dec 03 00:36:29 2021
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Abundance Scan 1031 (7.985 min): VD071075.D\data.ms (-1019) (-)

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.973 min Scan#

Delta R.T. -0.012 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:168 Resp: 257617

Ion Ratio Lower Upper

168 100

99 62.7 46.6 69.8

Abundance Scan 1029 (7.973 min): VD071115.D\data.ms

Ref

56.0 84.1 168.0

117.9 137.0

37.0 56.1 75.0 99.0 118.0 136.9 168.0

Raw

56.1 75.0 99.0 118.0 136.9 168.0

37.0 56.1 75.0 99.0 118.0 136.9 168.0

m/z-->

Abundance Scan 1029 (7.973 min): VD071115.D\data.ms (-980) (-)

Sub

56.1 75.0 99.0 118.0 136.9 168.0

37.0 56.1 75.0 99.0 118.0 136.9 168.0

m/z-->

Abundance

7.973

100000

80000

60000

40000

20000

0

Time-->

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

Dichlorodifluoromethane

Concen: 21.10 ug/l

RT: 1.985 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Tgt Ion: 85 Resp: 46355

Ion Ratio Lower Upper

85 100

87 30.8 15.2 45.6

Abundance Scan 11 (1.985 min): VD071115.D\data.ms

Ref

84.9

36.9 50.0 65.9 100.9

Raw

36.9 50.0 65.9 100.9

36.9 50.0 65.9 100.9

m/z-->

Abundance Scan 11 (1.985 min): VD071115.D\data.ms (-1) (-)

Sub

84.9

36.9 50.0 65.9 100.9

36.9 50.0 65.9 100.9

m/z-->

Abundance

1.985

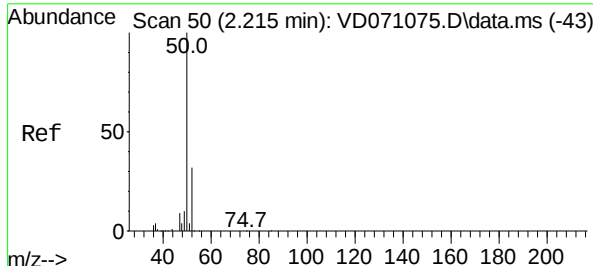
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20000

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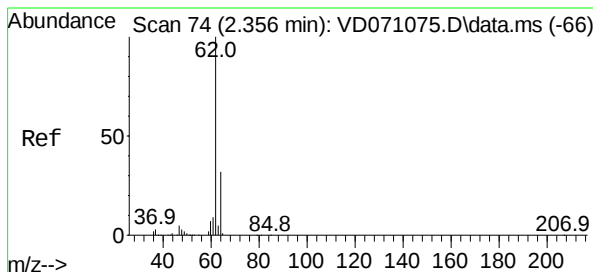
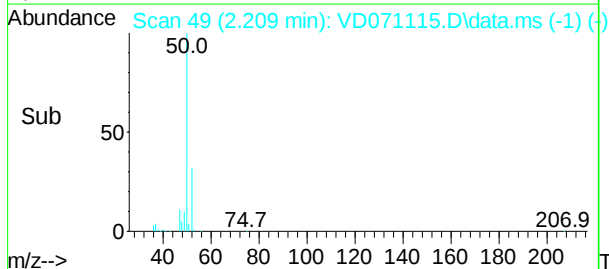
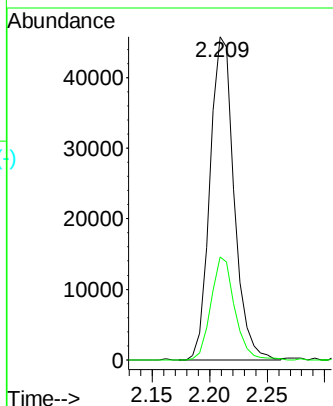
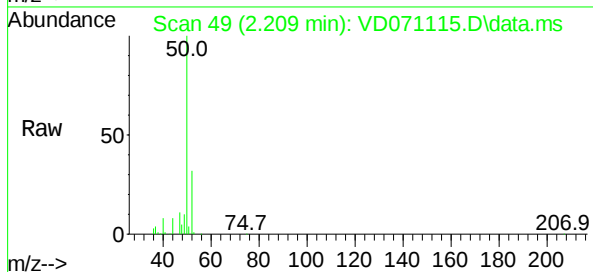
Time-->



Chloromethane
 Concen: 23.02 ug/l
 RT: 2.209 min Scan# 4
 Delta R.T. -0.006 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

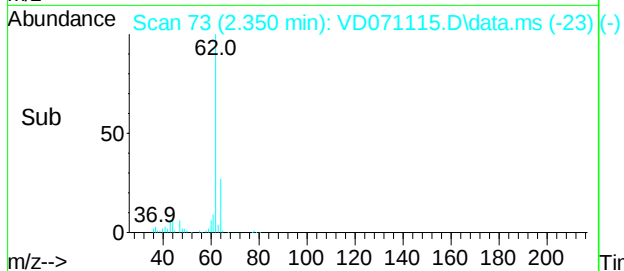
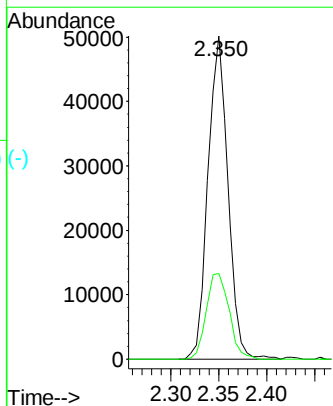
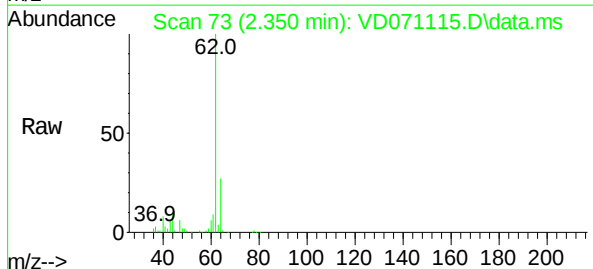
Instrument :
 MSVOA_D
 ClientSampleId :

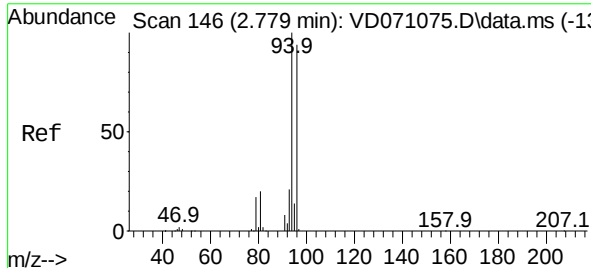
Tgt Ion: 50 Resp: 66905
 Ion Ratio Lower Upper
 50 100
 52 31.9 25.8 38.8



Vinyl Chloride
 Concen: 22.35 ug/l
 RT: 2.350 min Scan# 73
 Delta R.T. -0.006 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

Tgt Ion: 62 Resp: 72465
 Ion Ratio Lower Upper
 62 100
 64 26.5 26.0 39.0





Bromomethane

Concen: 21.40 ug/l

RT: 2.756 min Scan# 146

Delta R.T. -0.023 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

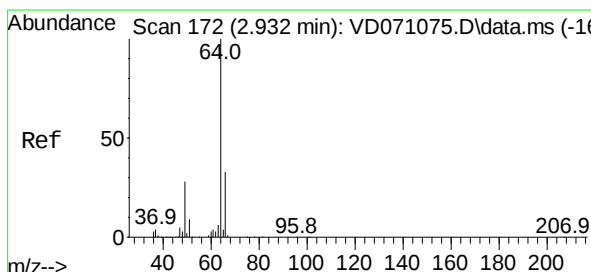
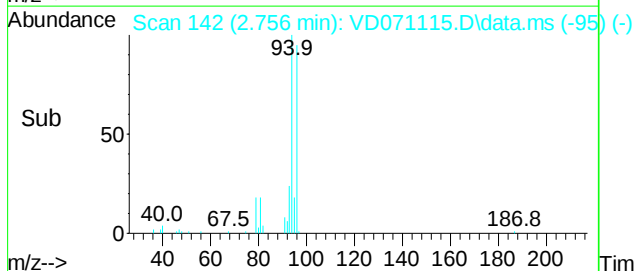
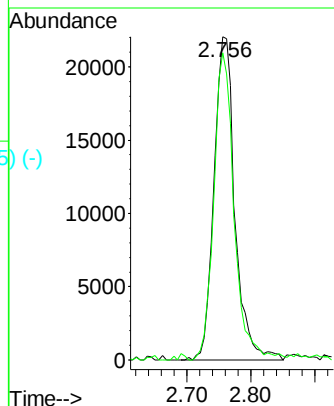
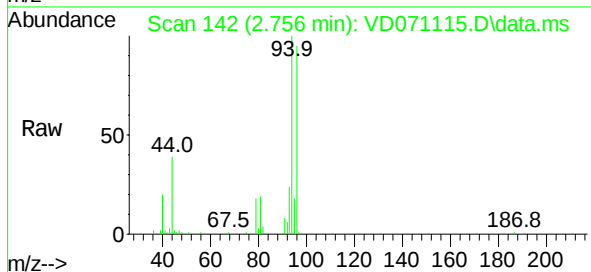
ClientSampleId :

Tgt Ion: 94 Resp: 50033

Ion Ratio Lower Upper

94 100

96 93.9 74.8 112.2



Chloroethane

Concen: 22.65 ug/l

RT: 2.921 min Scan# 170

Delta R.T. -0.011 min

Lab File: VD071115.D

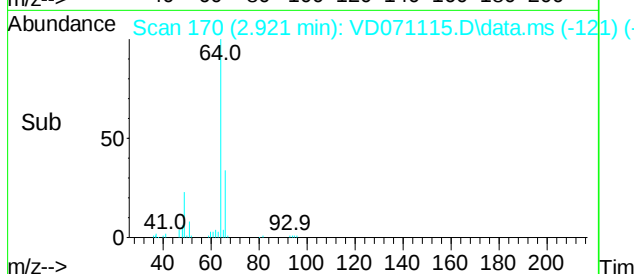
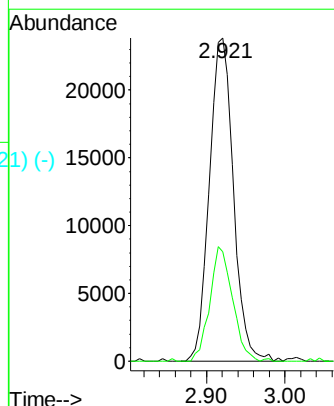
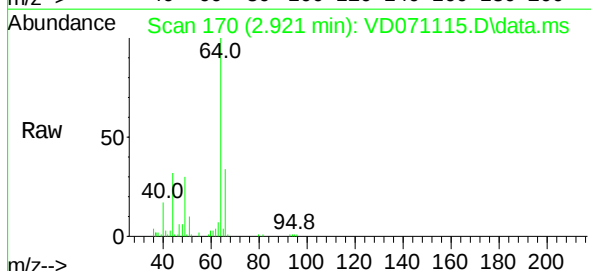
Acq: 02 Dec 2021 13:40

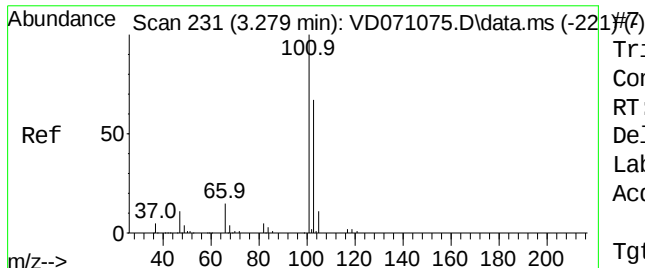
Tgt Ion: 64 Resp: 50514

Ion Ratio Lower Upper

64 100

66 33.9 29.0 43.4

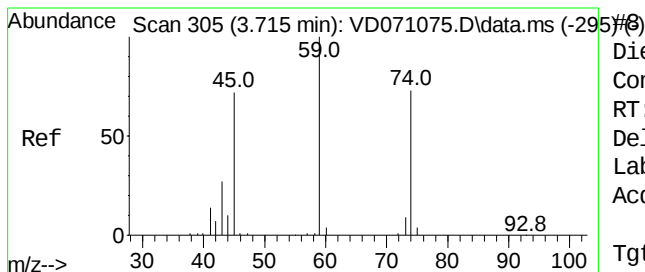
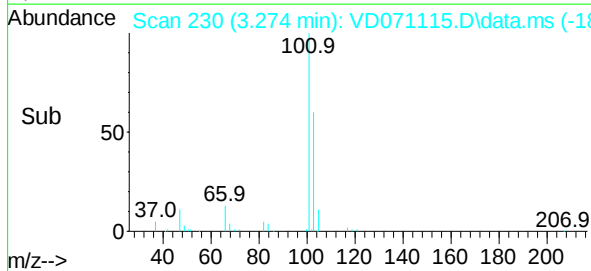
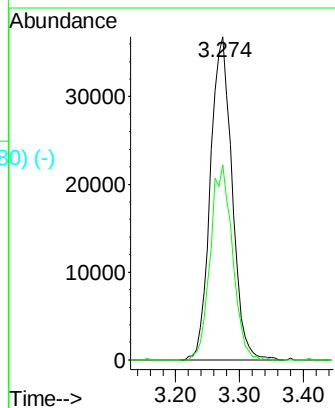
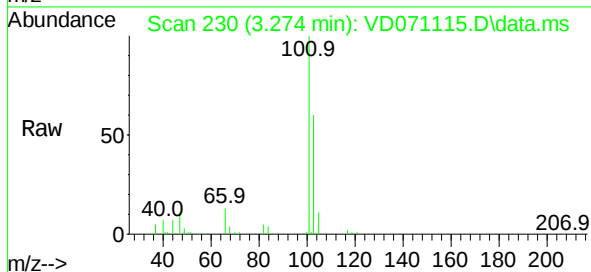




Trichlorofluoromethane
 Concen: 19.73 ug/l
 RT: 3.274 min Scan# 1
 Delta R.T. -0.005 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

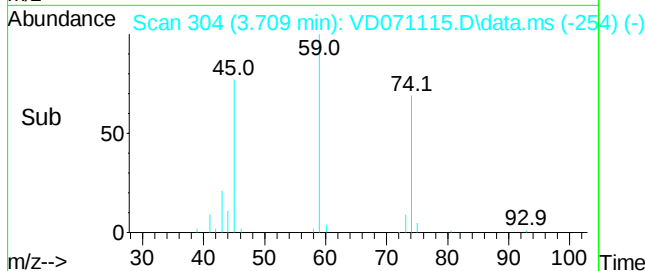
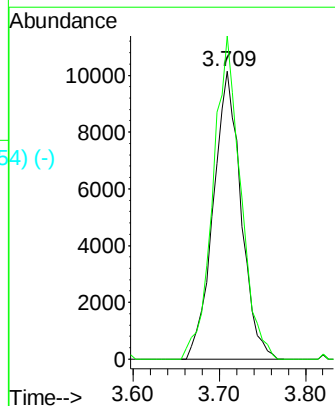
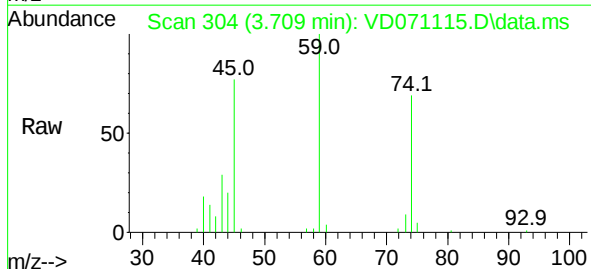
Instrument :
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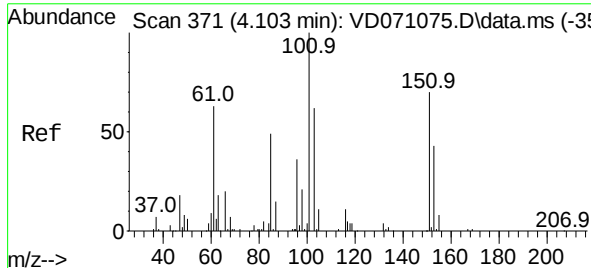
Tgt Ion:101 Resp: 86659
 Ion Ratio Lower Upper
 101 100
 103 60.4 49.7 74.5



Diethyl Ether
 Concen: 19.15 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

Tgt Ion: 74 Resp: 22804
 Ion Ratio Lower Upper
 74 100
 45 111.7 49.6 149.0





1,1,2-Trichlorotrifluoroethane

Concen: 19.17 ug/l

RT: 4.097 min Scan# 405

Delta R.T. -0.006 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :

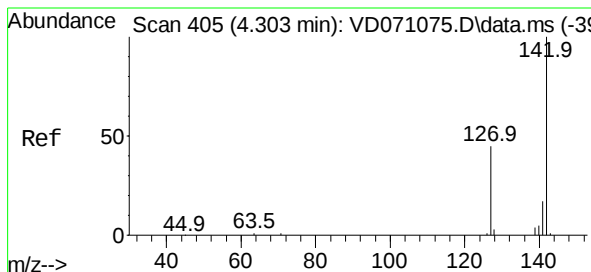
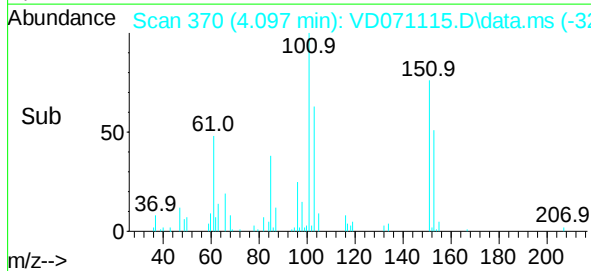
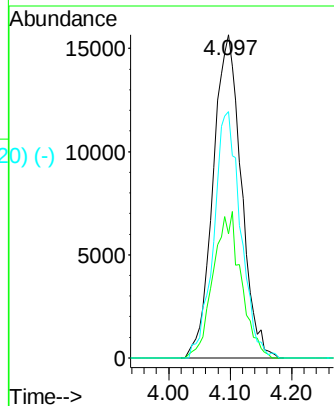
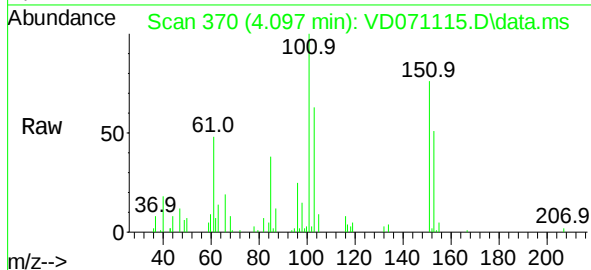
Tgt Ion:101 Resp: 49675

Ion Ratio Lower Upper

101 100

85 44.8 34.8 52.2

151 73.3 60.4 90.6



Methyl Iodide

Concen: 16.80 ug/l

RT: 4.303 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

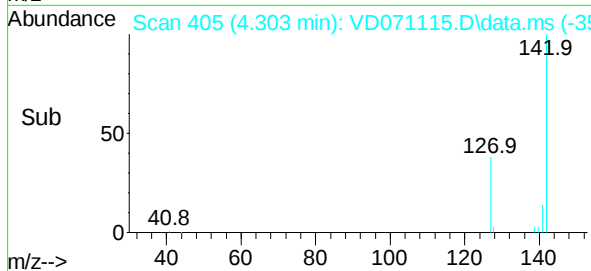
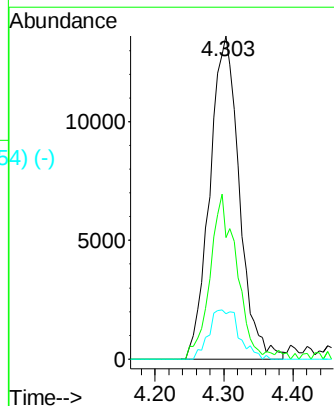
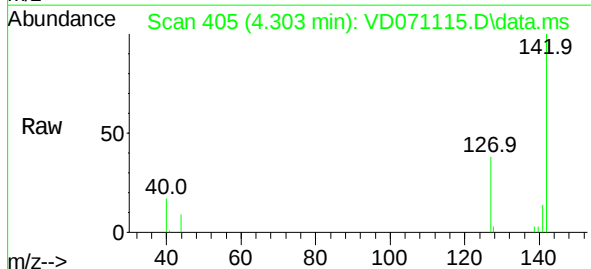
Tgt Ion:142 Resp: 40589

Ion Ratio Lower Upper

142 100

127 46.1 35.0 52.4

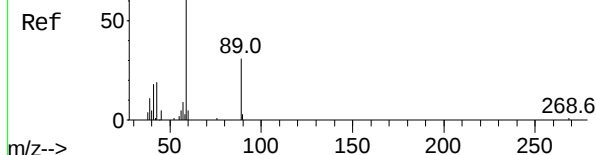
141 15.7 12.0 18.0



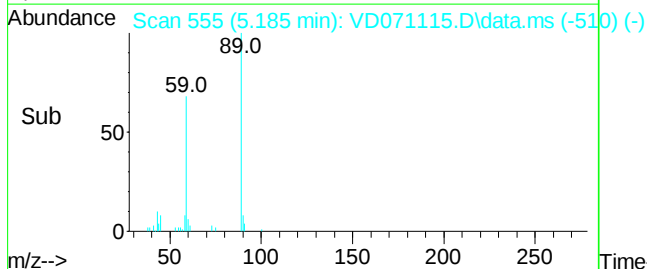
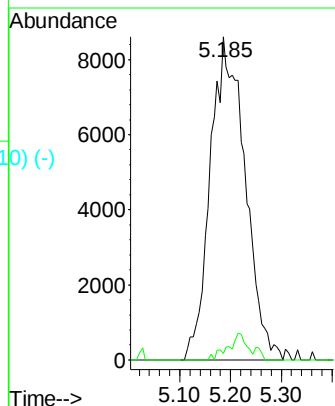
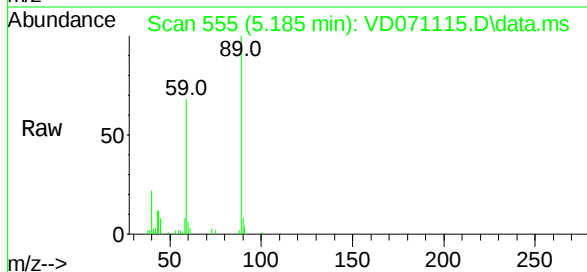
Abundance Scan 561 (5.220 min): VD071075.D\data.ms (-542) #11

Tert butyl alcohol
Concen: 197.51 ug/l
RT: 5.185 min Scan# 365
Delta R.T. -0.035 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :



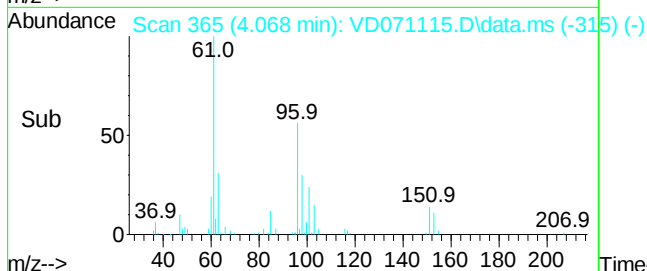
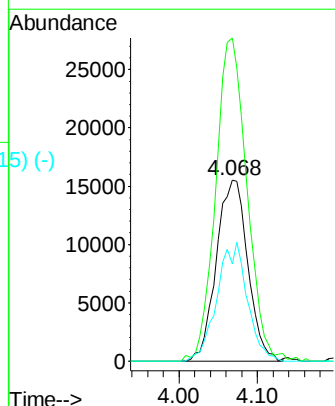
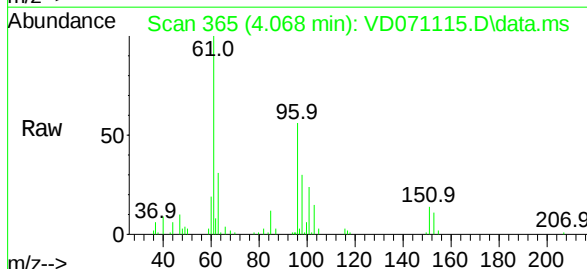
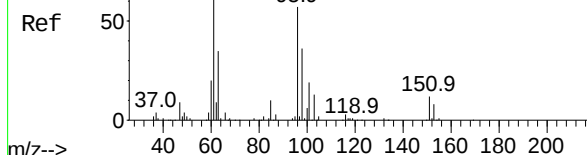
Tgt Ion: 59 Resp: 40938
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

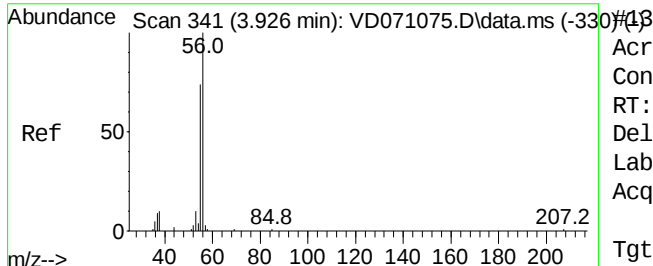


Abundance Scan 366 (4.073 min): VD071075.D\data.ms (-354) #12

1,1-Dichloroethene
Concen: 18.05 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion: 96 Resp: 43165
Ion Ratio Lower Upper
96 100
61 178.5 120.3 180.5
98 53.8 54.4 81.6#





Acrolein

Concen: 106.88 ug/l

RT: 3.921 min Scan# 413

Delta R.T. -0.005 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

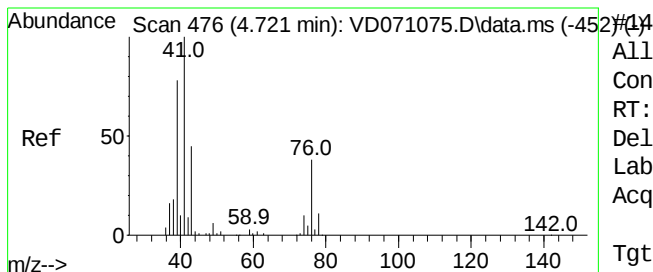
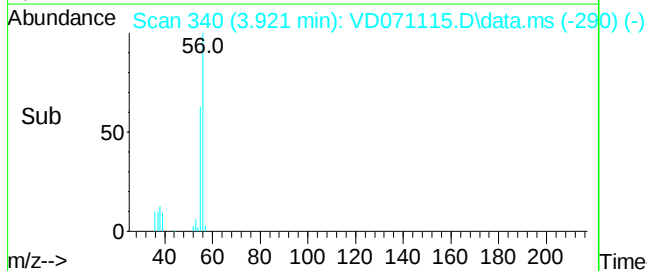
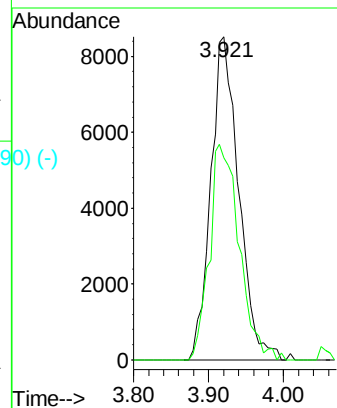
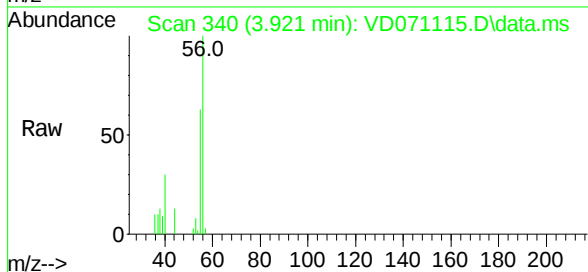
ClientSampleId :

Tgt Ion: 56 Resp: 22078

Ion Ratio Lower Upper

56 100

55 71.2 58.6 87.8



Allyl chloride

Concen: 18.44 ug/l

RT: 4.721 min Scan# 476

Delta R.T. -0.000 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

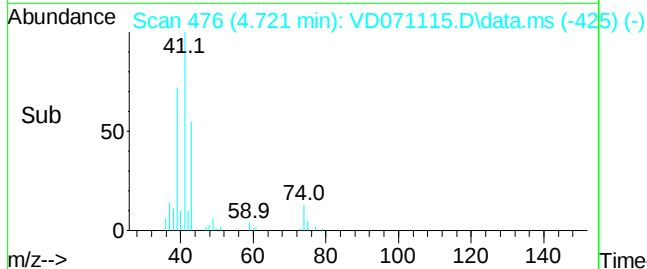
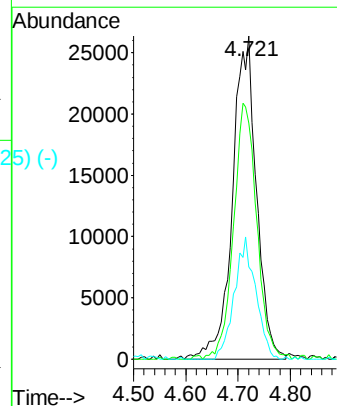
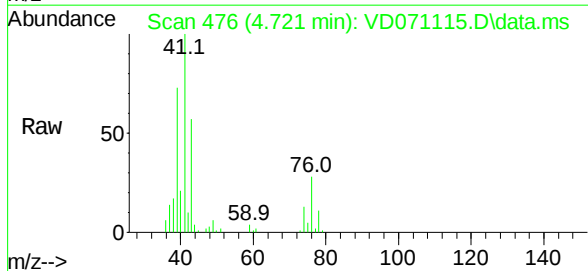
Tgt Ion: 41 Resp: 83748

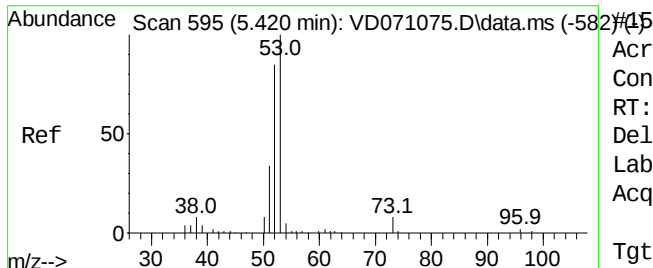
Ion Ratio Lower Upper

41 100

39 76.8 45.6 68.4#

76 33.7 30.2 45.4





Acrylonitrile

Concen: 98.88 ug/l

RT: 5.420 min Scan# 15

Delta R.T. 0.000 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :

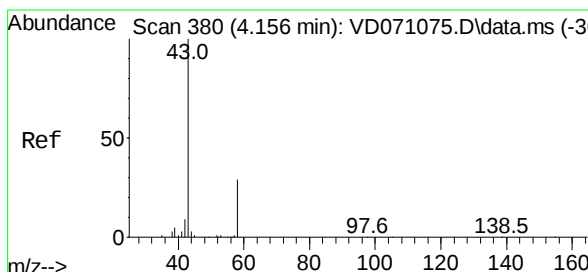
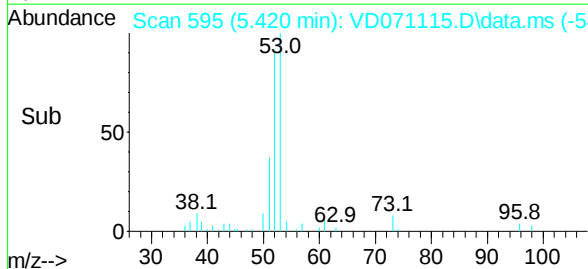
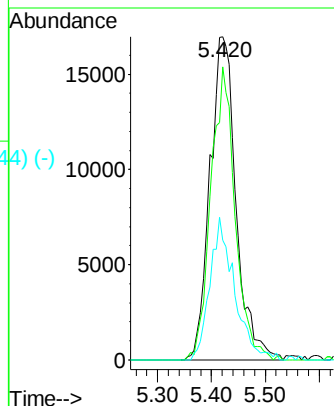
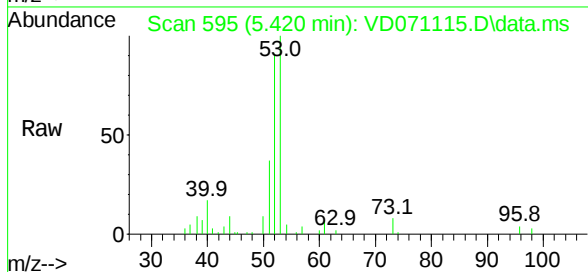
Tgt Ion: 53 Resp: 57265

Ion Ratio Lower Upper

53 100

52 84.1 63.8 95.8

51 41.6 28.5 42.7



Acetone

Concen: 92.27 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD071115.D

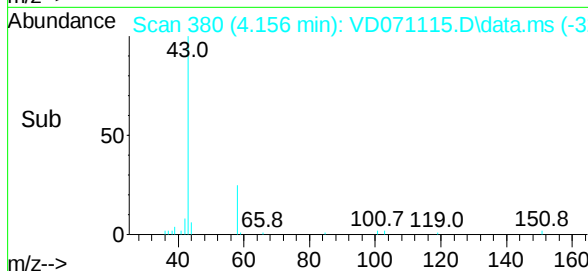
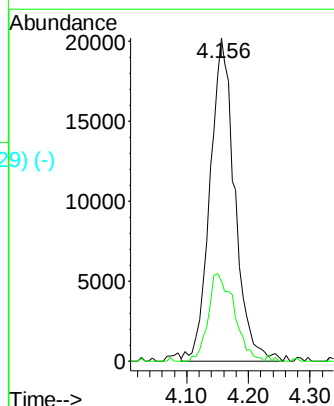
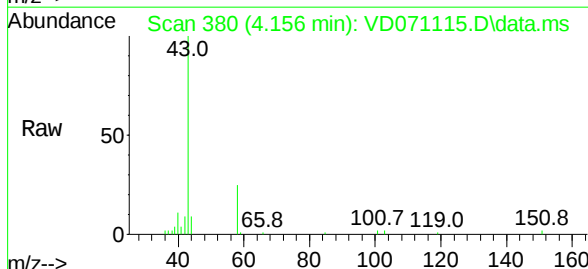
Acq: 02 Dec 2021 13:40

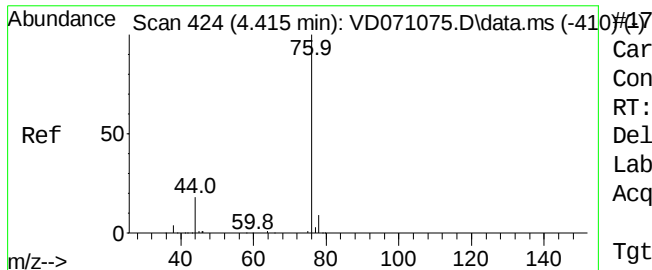
Tgt Ion: 43 Resp: 56278

Ion Ratio Lower Upper

43 100

58 24.8 27.8 41.8#





Carbon Disulfide

Concen: 19.20 ug/l

RT: 4.403 min Scan# 417

Delta R.T. -0.012 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

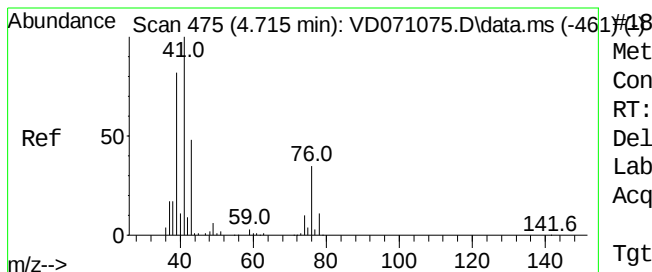
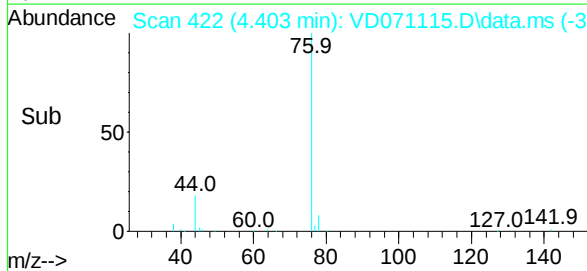
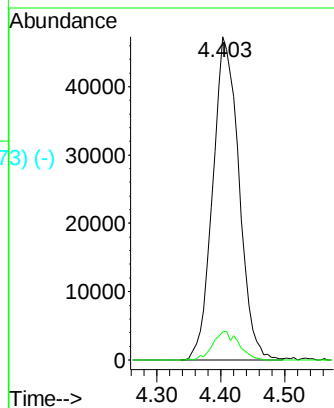
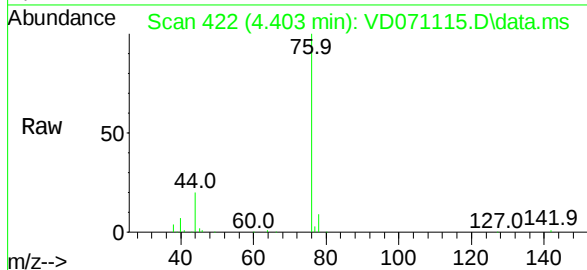
ClientSampleId :

Tgt Ion: 76 Resp: 134461

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.8



Methyl Acetate

Concen: 21.09 ug/l

RT: 4.715 min Scan# 475

Delta R.T. -0.000 min

Lab File: VD071115.D

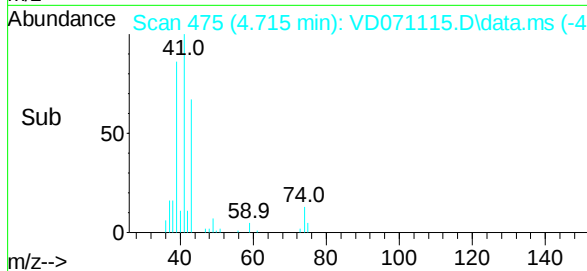
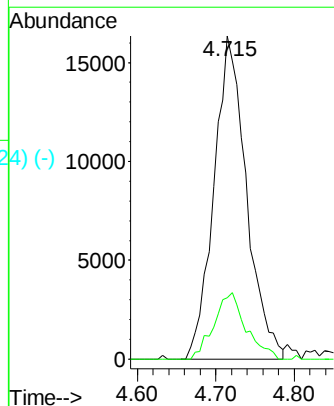
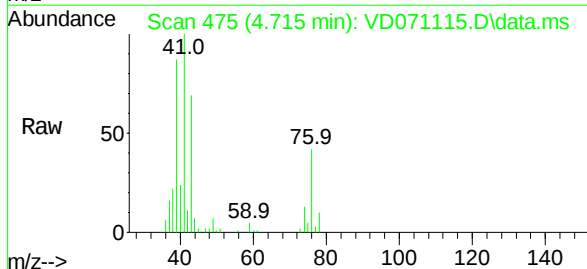
Acq: 02 Dec 2021 13:40

Tgt Ion: 43 Resp: 47035

Ion Ratio Lower Upper

43 100

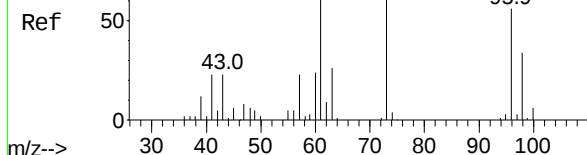
74 20.3 19.3 28.9



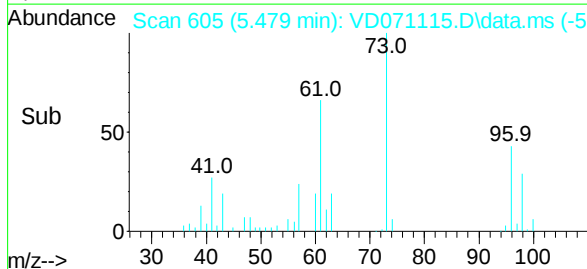
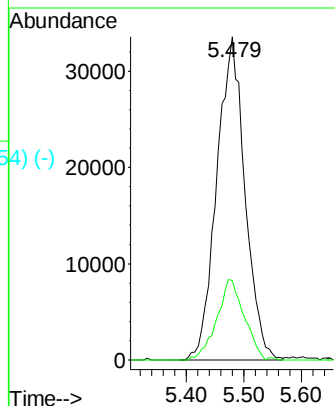
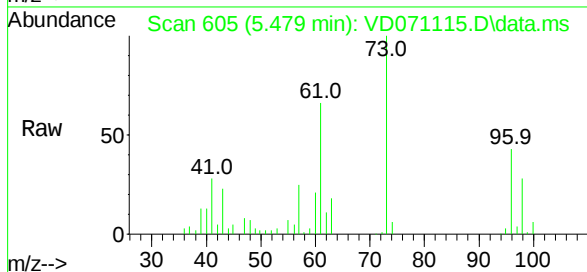
Abundance Scan 605 (5.479 min): VD071075.D\data.ms (-589) #19

Methyl tert-butyl Ether
Concen: 19.52 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :



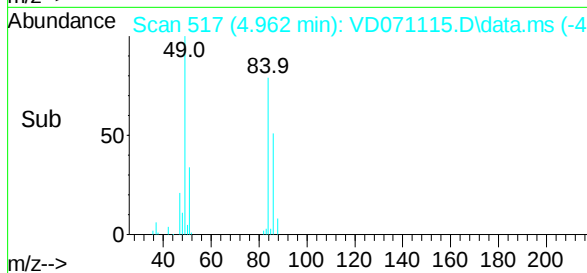
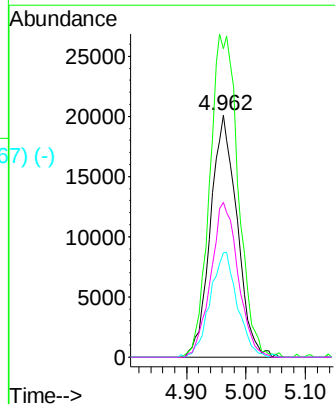
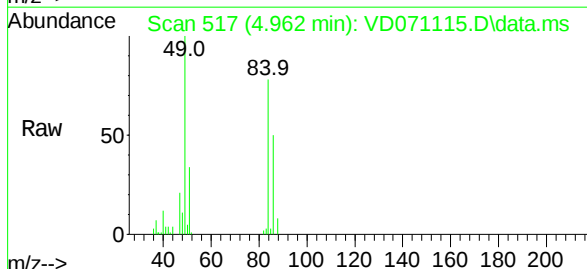
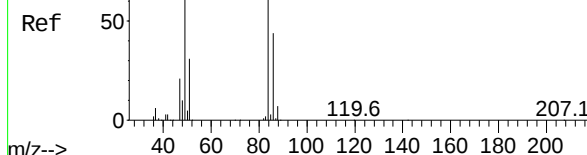
Tgt Ion: 73 Resp: 114385
Ion Ratio Lower Upper
73 100
57 24.6 18.9 28.3



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

Methylene Chloride
Concen: 17.68 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

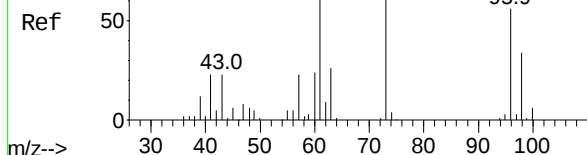
Tgt Ion: 84 Resp: 62157
Ion Ratio Lower Upper
84 100
49 127.5 95.8 143.6
51 43.0 30.9 46.3
86 64.0 50.3 75.5



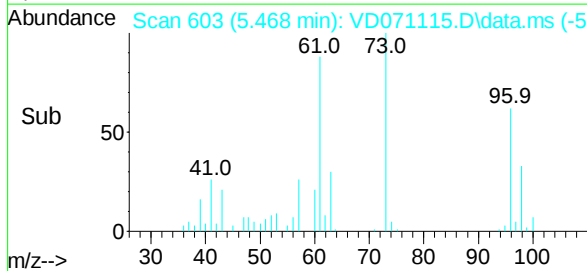
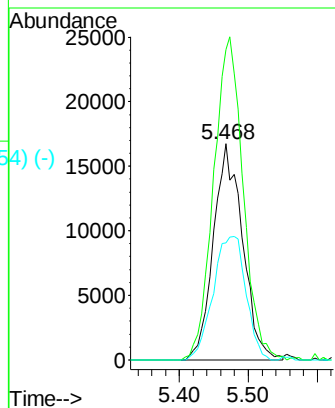
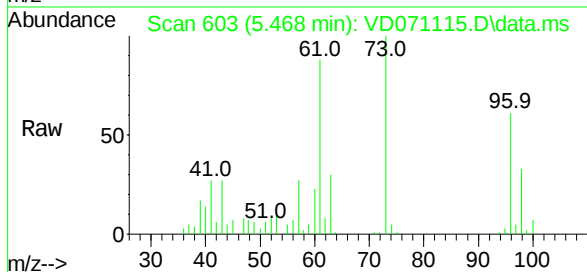
Abundance Scan 605 (5.479 min): VD071075.D\data.ms (-590) #21

trans-1,2-Dichloroethene
Concen: 18.28 ug/l
RT: 5.468 min Scan# 605
Delta R.T. -0.011 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :



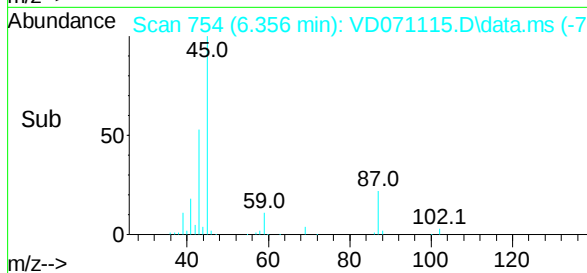
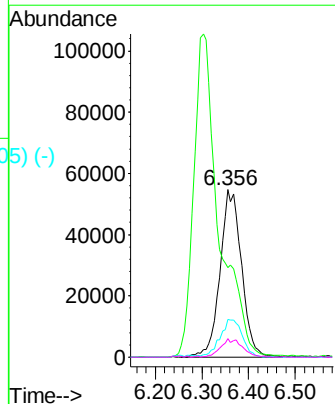
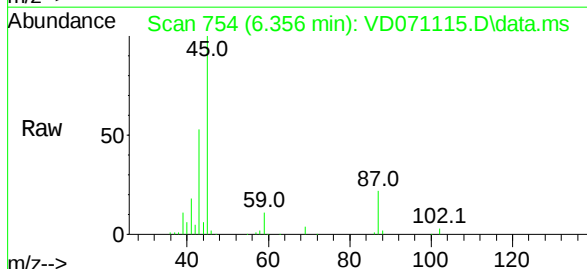
Tgt Ion:	96	Resp:	49210
Ion	Ratio	Lower	Upper
96	100		
61	143.3	102.1	153.1
98	54.0	50.1	75.1

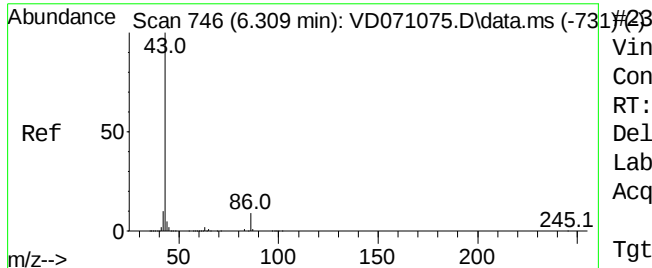


Abundance Scan 756 (6.367 min): VD071075.D\data.ms (-737) #22

Diisopropyl ether
Concen: 19.21 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.011 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion:	45	Resp:	174831
Ion	Ratio	Lower	Upper
45	100		
43	52.4	39.6	59.4
87	22.5	21.2	31.8
59	10.5	9.0	13.6





Vinyl Acetate

Concen: 98.96 ug/l

RT: 6.303 min Scan#

Delta R.T. -0.006 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

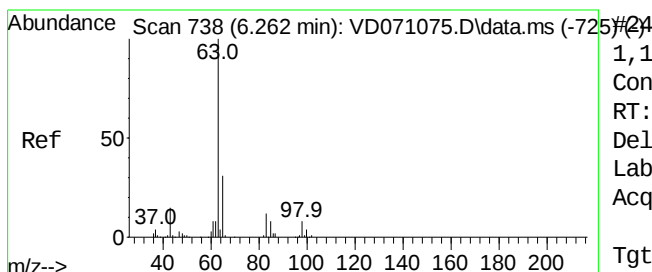
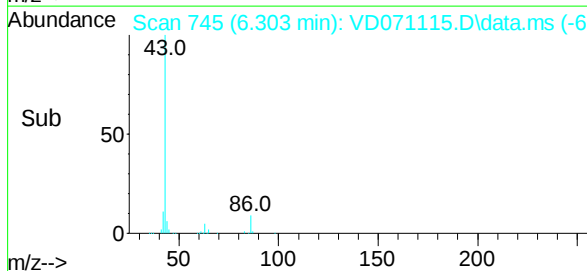
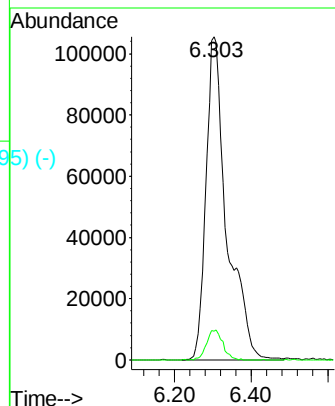
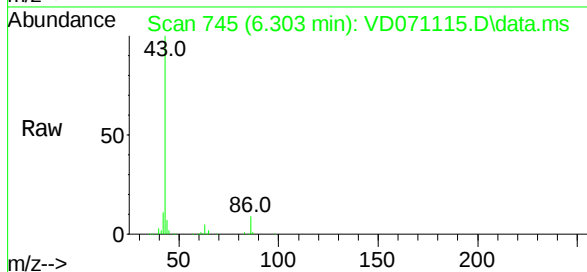
ClientSampleId :

Tgt Ion: 43 Resp: 396257

Ion Ratio Lower Upper

43 100

86 8.8 8.2 12.4



1,1-Dichloroethane

Concen: 19.06 ug/l

RT: 6.262 min Scan# 738

Delta R.T. -0.000 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

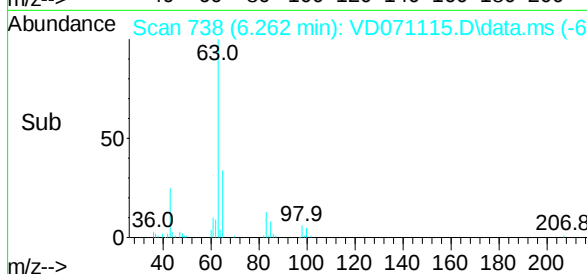
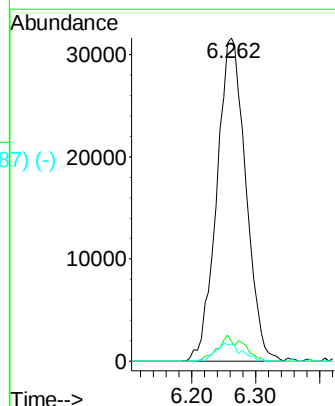
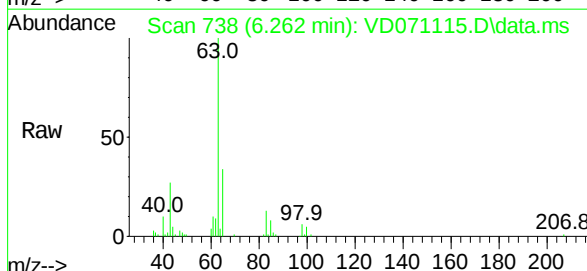
Tgt Ion: 63 Resp: 99765

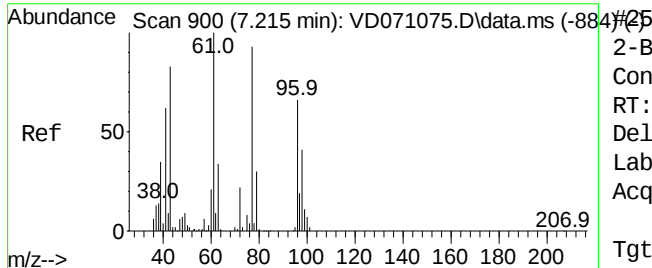
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.6

100 5.4 2.1 6.3





2-Butanone

Concen: 104.69 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.012 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

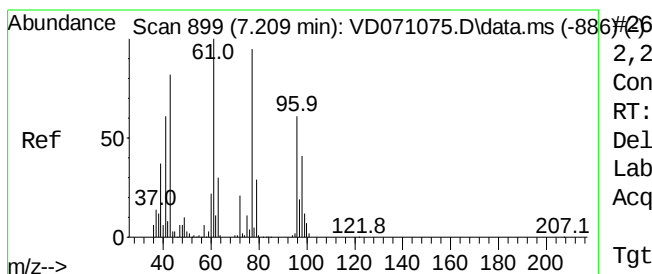
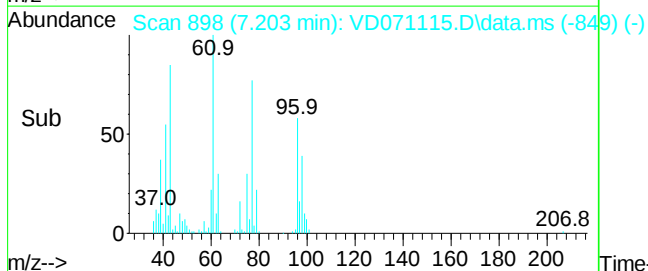
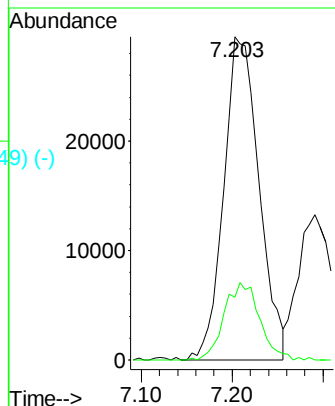
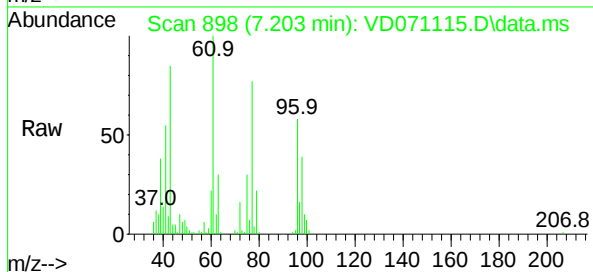
ClientSampleId :

Tgt Ion: 43 Resp: 79821

Ion Ratio Lower Upper

43 100

72 19.3 23.8 35.6#



2,2-Dichloropropane

Concen: 16.80 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD071115.D

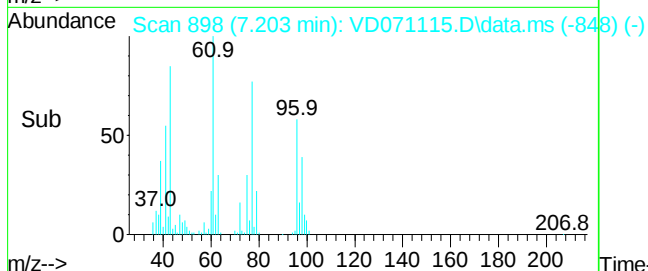
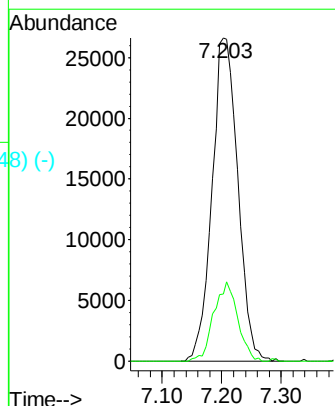
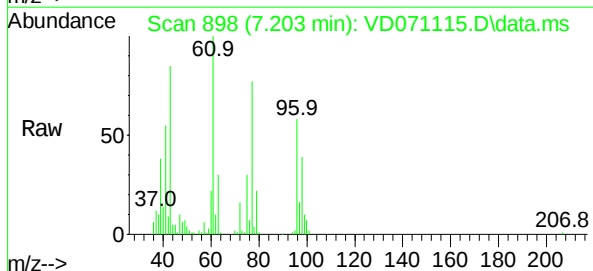
Acq: 02 Dec 2021 13:40

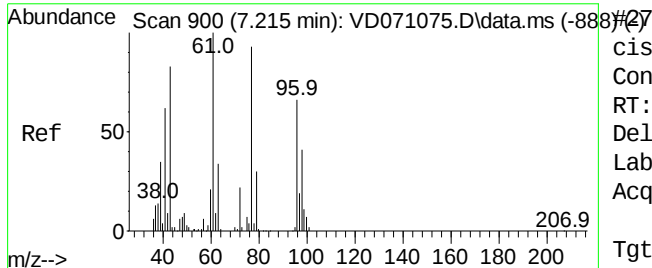
Tgt Ion: 77 Resp: 79982

Ion Ratio Lower Upper

77 100

97 22.7 11.9 35.5

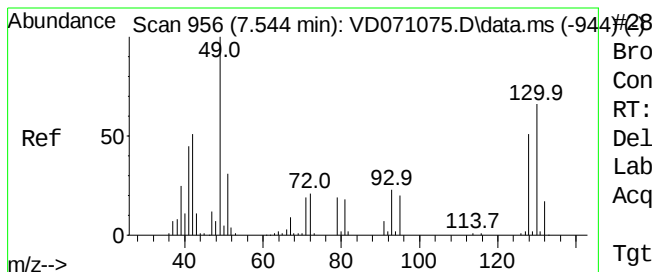
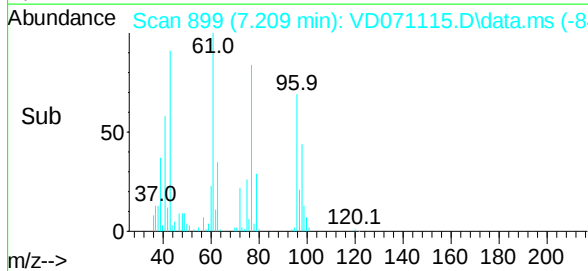
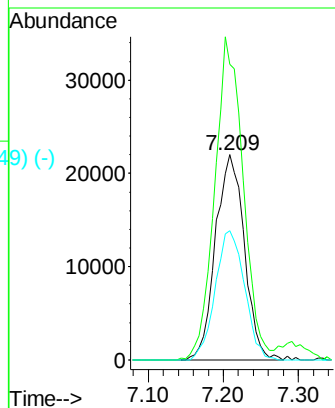
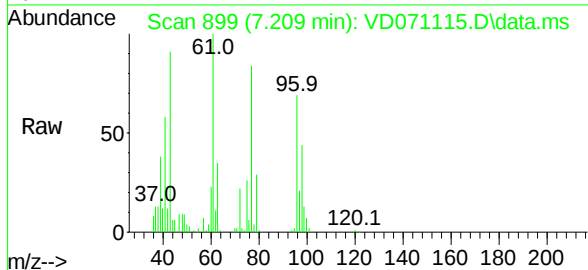




cis-1,2-Dichloroethene
Concen: 19.22 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

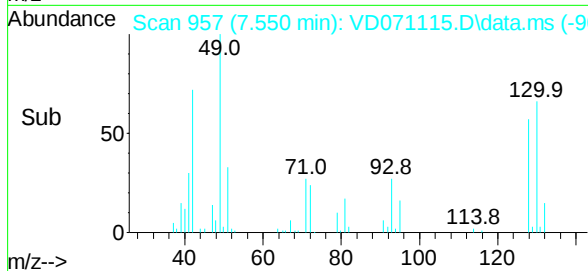
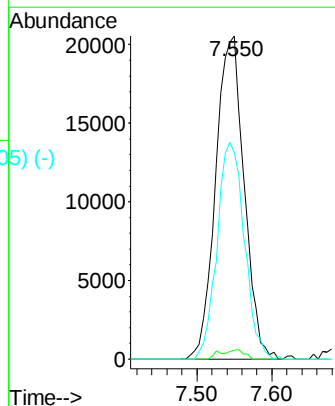
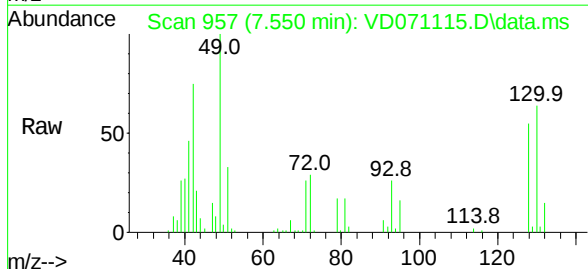
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	96	Resp:	58526
Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	288.6
98	64.0	0.0	129.2



Bromochloromethane
Concen: 23.73 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.006 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion:	49	Resp:	53959
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.0
130	64.3	60.2	90.2



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

Tetrahydrofuran

Concen: 102.64 ug/l

RT: 7.567 min Scan#

Delta R.T. 0.005 min

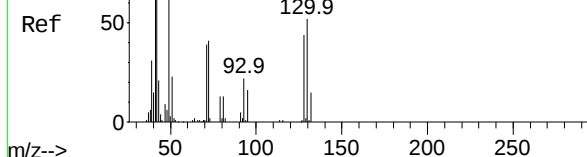
Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :



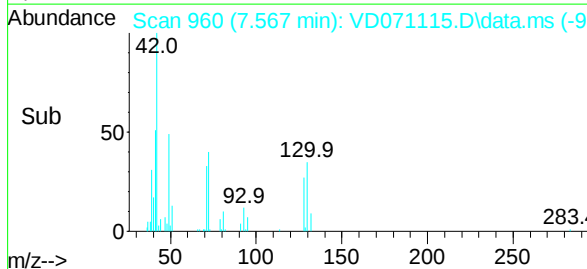
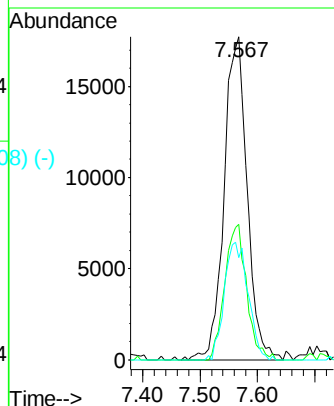
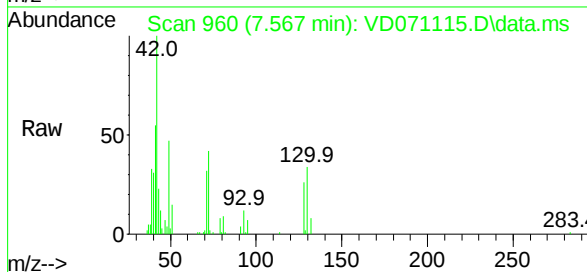
Tgt Ion: 42 Resp: 49266

Ion Ratio Lower Upper

42 100

72 39.8 33.7 50.5

71 37.5 32.7 49.1



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

Chloroform

Concen: 19.01 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD071115.D

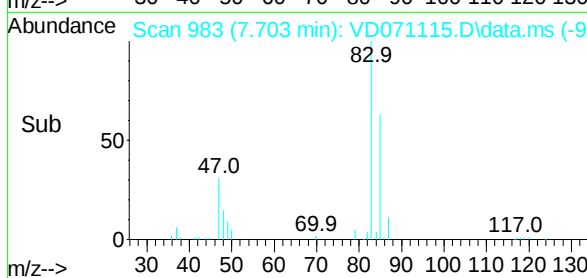
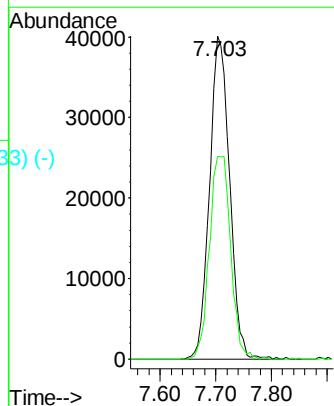
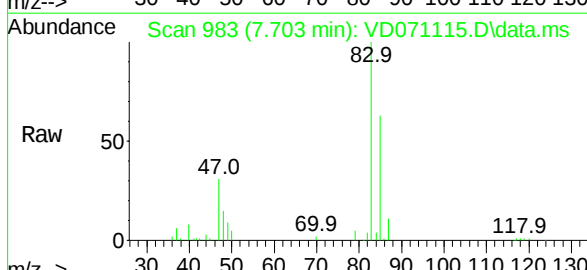
Acq: 02 Dec 2021 13:40

Tgt Ion: 83 Resp: 99889

Ion Ratio Lower Upper

83 100

85 62.8 51.0 76.6



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

Cyclohexane

Concen: 17.83 ug/l

RT: 7.979 min Scan#

Delta R.T. -0.006 min

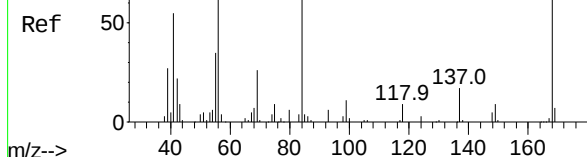
Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :



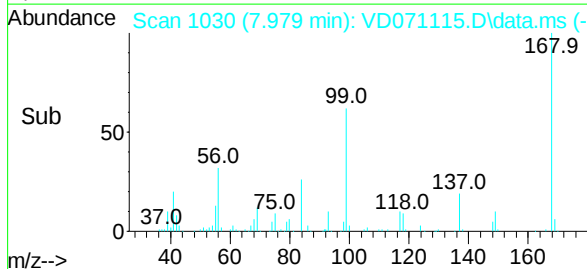
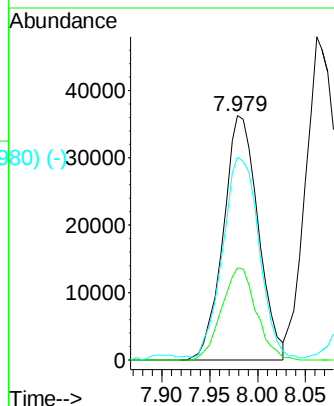
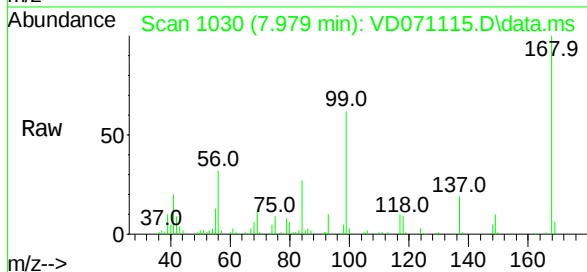
Tgt Ion: 56 Resp: 91700

Ion Ratio Lower Upper

56 100

69 37.6 25.9 38.9

84 81.9 64.3 96.5



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

1,1,1-Trichloroethane

Concen: 18.02 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

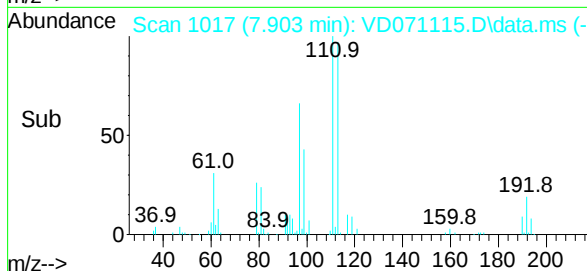
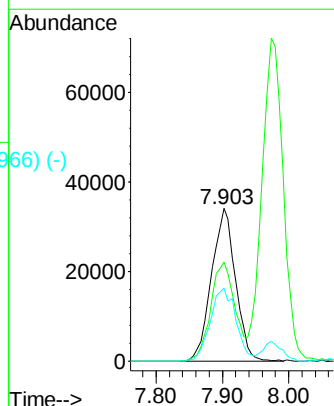
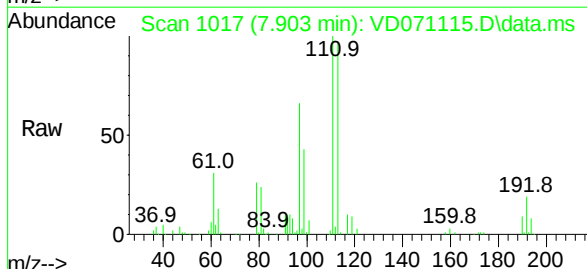
Tgt Ion: 97 Resp: 85014

Ion Ratio Lower Upper

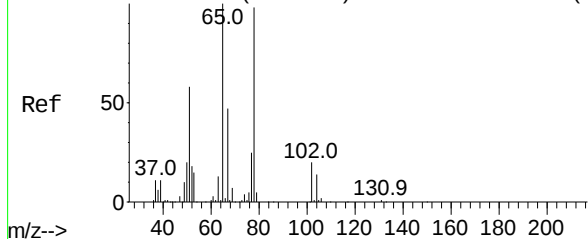
97 100

99 67.2 50.3 75.5

61 51.5 33.0 49.4#



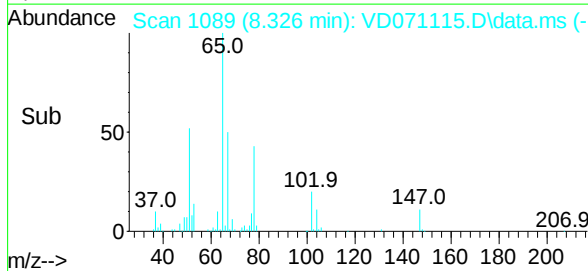
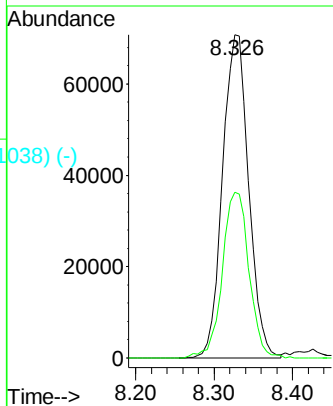
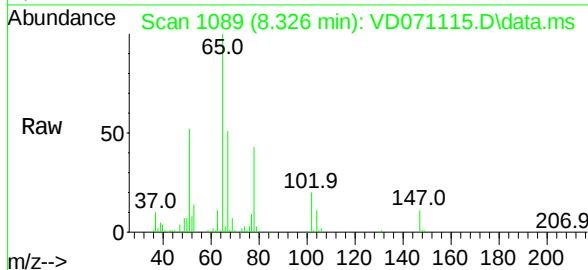
Abundance Scan 1089 (8.326 min): VD071075.D\data.ms (-1078) (-)



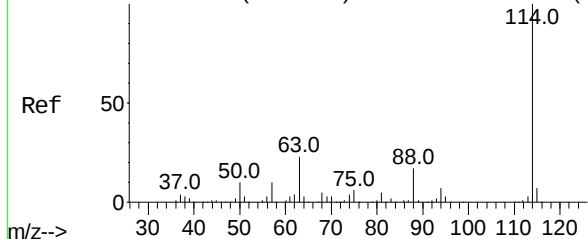
1,2-Dichloroethane-d4
Concen: 54.18 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 163776
Ion Ratio Lower Upper
65 100
67 52.3 0.0 112.2

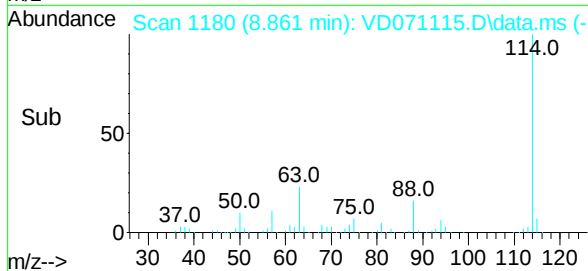
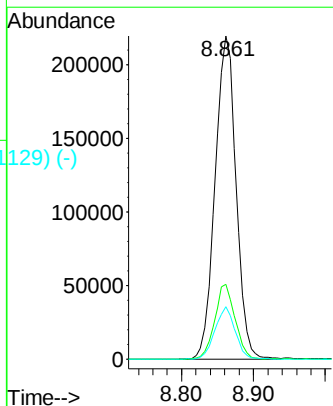
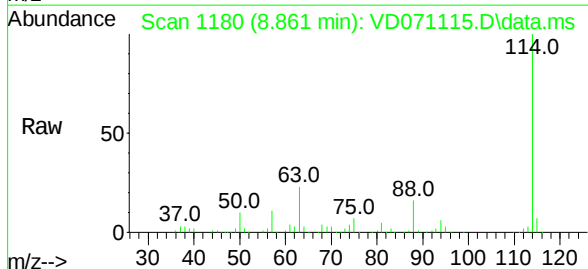


Abundance Scan 1180 (8.861 min): VD071075.D\data.ms (-1170) (-)

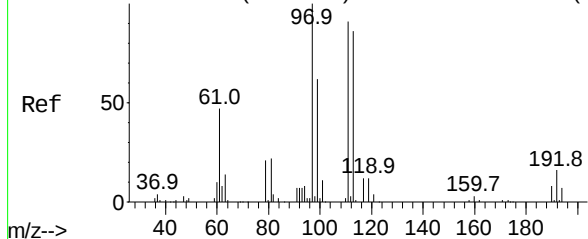


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion: 114 Resp: 444156
Ion Ratio Lower Upper
114 100
63 23.1 0.0 41.8
88 16.3 0.0 32.8



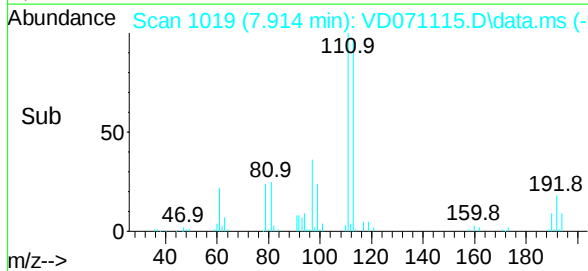
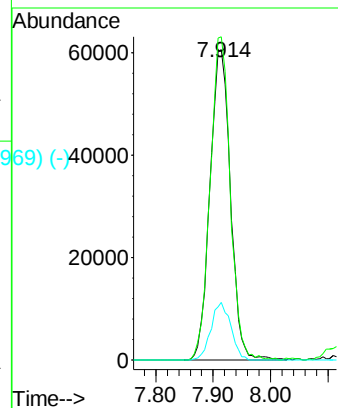
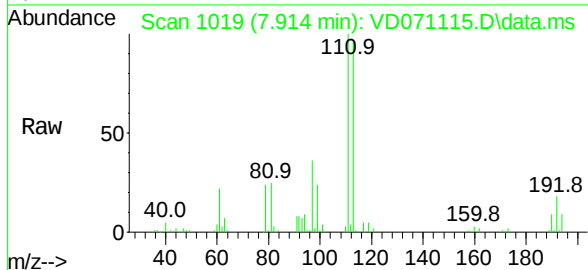
Abundance Scan 1020 (7.920 min): VD071075.D\data.ms (-1005)



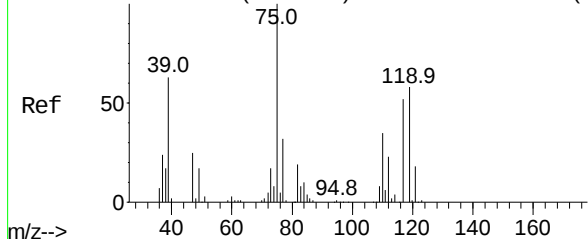
Dibromofluoromethane
Concen: 52.95 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 149760
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 17.9 15.2 22.8

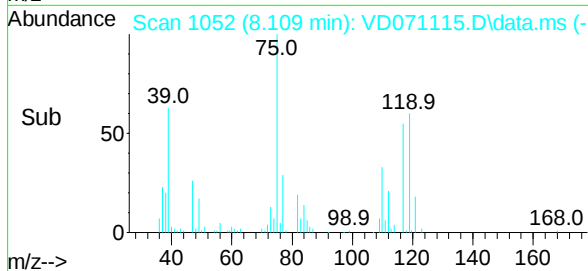
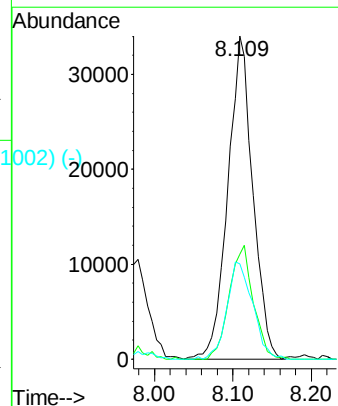
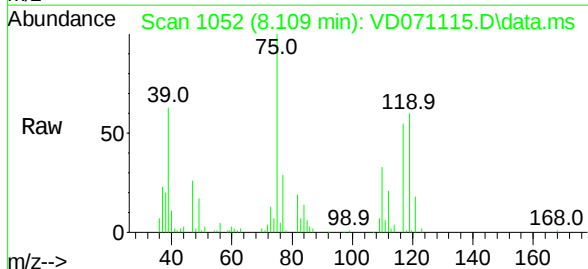


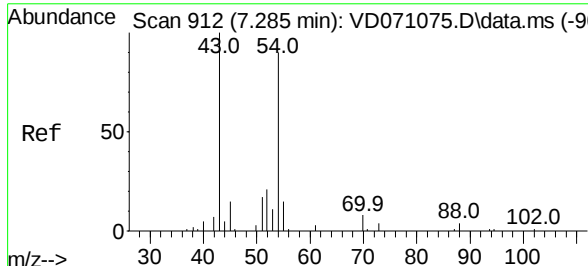
Abundance Scan 1053 (8.114 min): VD071075.D\data.ms (-1039)



1,1-Dichloropropene
Concen: 18.10 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. -0.005 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion: 75 Resp: 75121
Ion Ratio Lower Upper
75 100
110 34.0 17.8 53.4
77 31.0 24.8 37.2





Ethyl Acetate

Concen: 19.53 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min MSVOA_D

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :

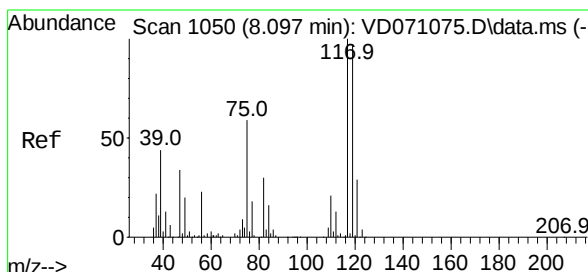
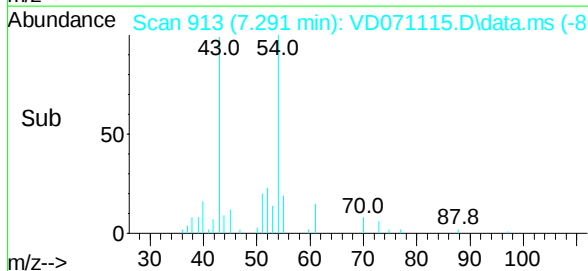
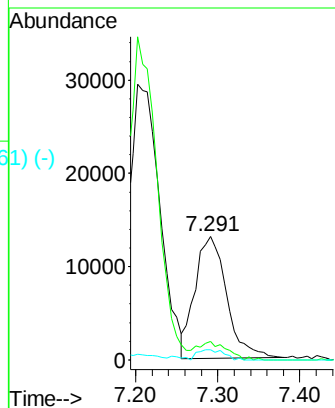
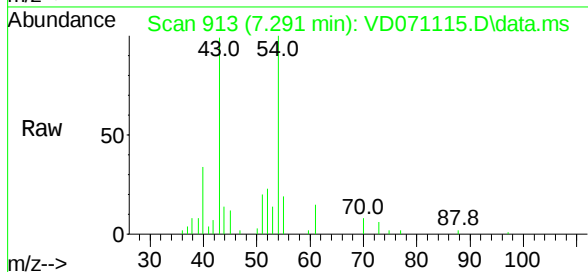
Tgt Ion: 43 Resp: 35029

Ion Ratio Lower Upper

43 100

61 13.8 13.0 19.6

70 7.0 8.7 13.1#



Carbon Tetrachloride

Concen: 18.19 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

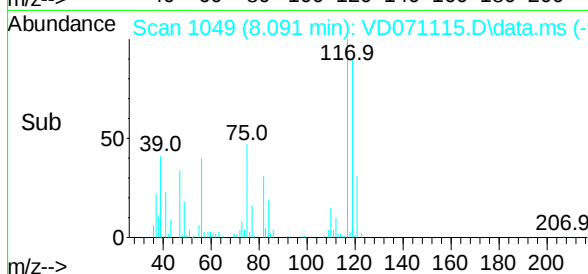
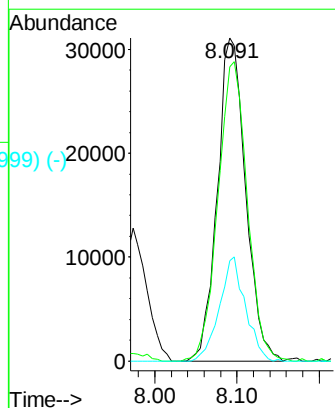
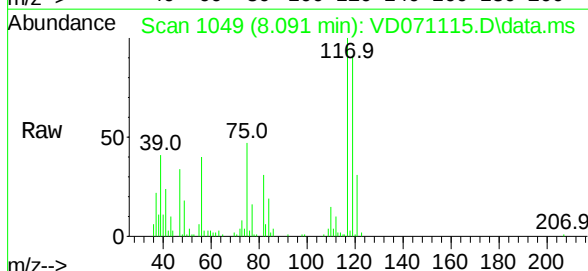
Tgt Ion:117 Resp: 74441

Ion Ratio Lower Upper

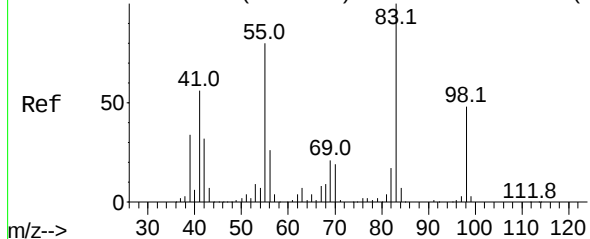
117 100

119 91.1 75.8 113.6

121 31.0 23.6 35.4



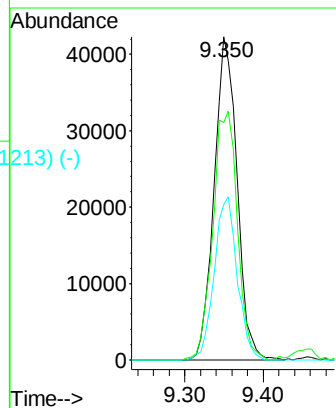
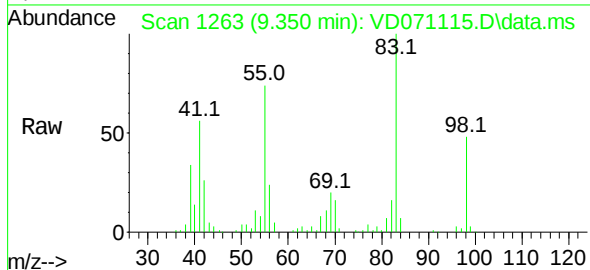
Abundance Scan 1264 (9.356 min): VD071075.D\data.ms (-1259-)



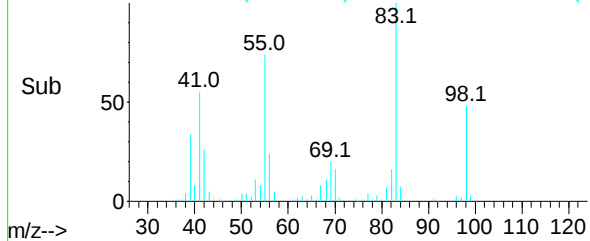
Methylcyclohexane
Concen: 17.18 ug/l
RT: 9.350 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :

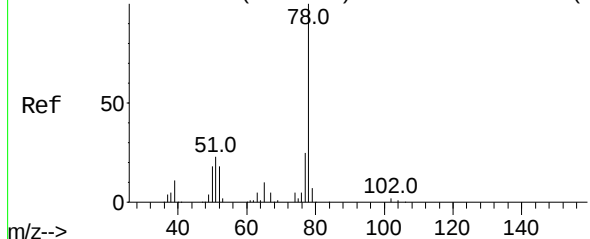
Tgt Ion:	83	Resp:	85791
Ion	Ratio	Lower	Upper
83	100		
55	73.5	65.8	98.8
98	48.1	38.7	58.1



Abundance Scan 1263 (9.350 min): VD071115.D\data.ms (-1213-)

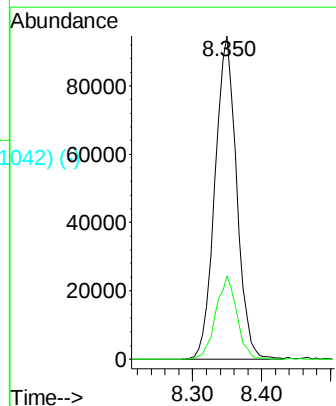
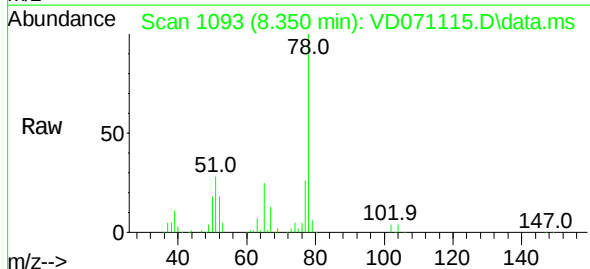


Abundance Scan 1093 (8.350 min): VD071075.D\data.ms (-1062-)

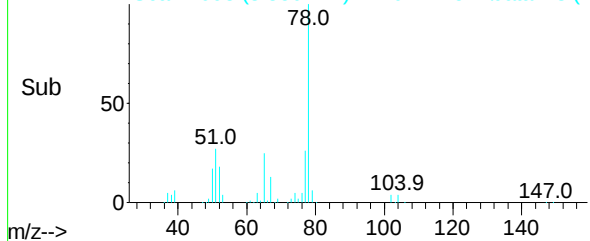


Benzene
Concen: 18.28 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

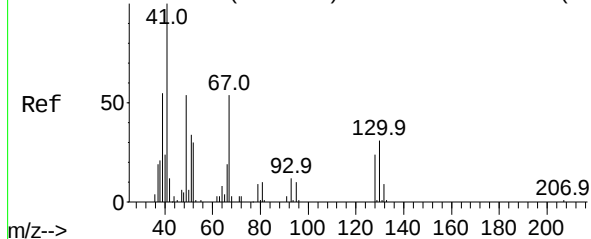
Tgt Ion:	78	Resp:	206151
Ion	Ratio	Lower	Upper
78	100		
77	25.8	19.1	28.7



Abundance Scan 1093 (8.350 min): VD071115.D\data.ms (-1042-)



Abundance Scan 952 (7.520 min): VD071075.D\data.ms (-941#41)



Methacrylonitrile

Concen: 29.06 ug/l

RT: 7.520 min Scan#

Delta R.T. 0.000 min

Lab File: VD071115.D

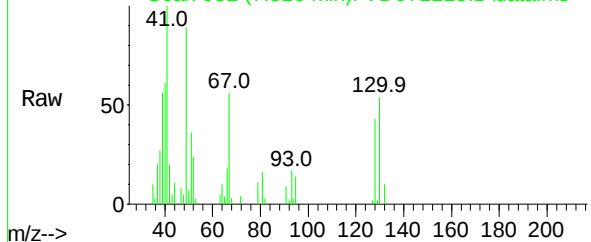
Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :

Abundance Scan 952 (7.520 min): VD071115.D\data.ms



Tgt Ion: 41 Resp: 23166

Ion Ratio Lower Upper

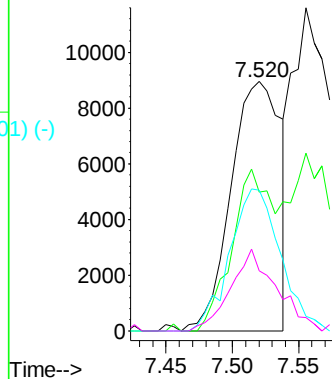
41 100

39 52.3 60.2 90.4#

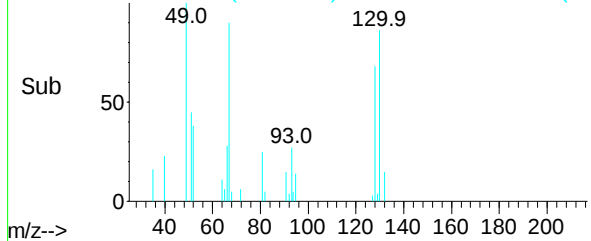
67 58.2 74.8 112.2#

52 30.2 28.8 43.2

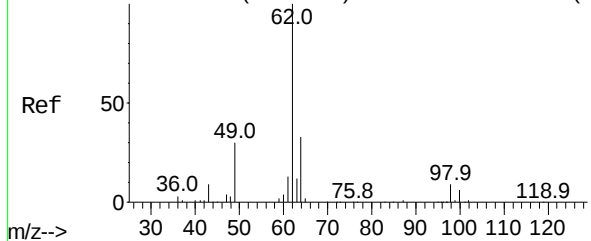
Abundance



Abundance Scan 952 (7.520 min): VD071115.D\data.ms (-901) (-)



Abundance Scan 1105 (8.420 min): VD071075.D\data.ms (-1094#42)



1,2-Dichloroethane

Concen: 19.94 ug/l

RT: 8.414 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

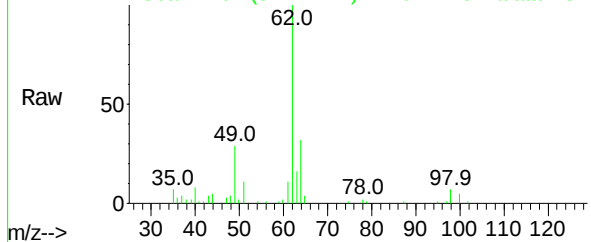
Tgt Ion: 62 Resp: 68630

Ion Ratio Lower Upper

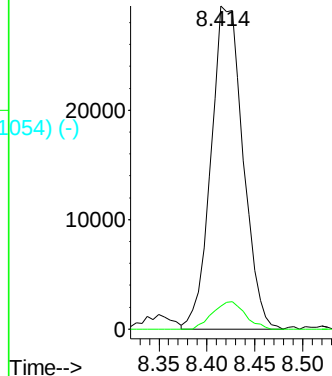
62 100

98 8.6 0.0 21.8

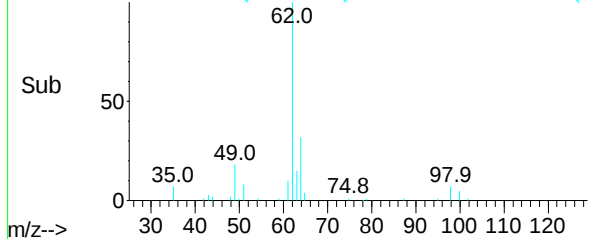
Abundance Scan 1104 (8.414 min): VD071115.D\data.ms



Abundance



Abundance Scan 1104 (8.414 min): VD071115.D\data.ms (-1054) (-)



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

Isopropyl Acetate

Concen: 20.92 ug/l

RT: 8.444 min Scan# 1110

Delta R.T. -0.006 min

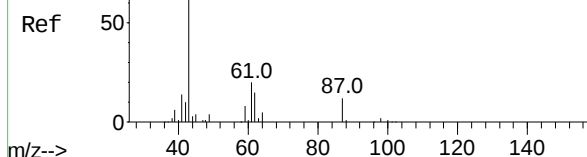
Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :



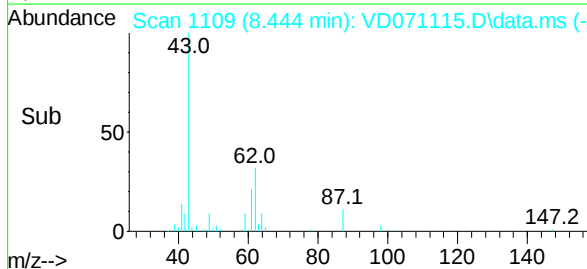
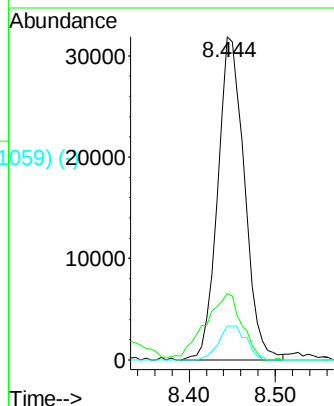
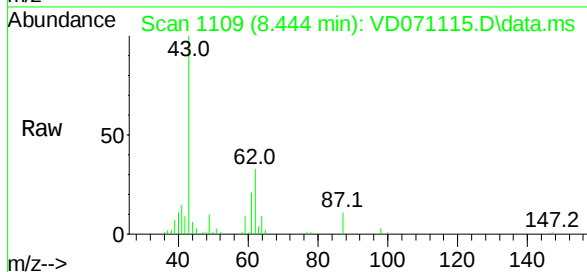
Tgt Ion: 43 Resp: 69162

Ion Ratio Lower Upper

43 100

61 28.0 28.2 42.4#

87 10.9 10.7 16.1



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

Trichloroethene

Concen: 18.00 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.001 min

Lab File: VD071115.D

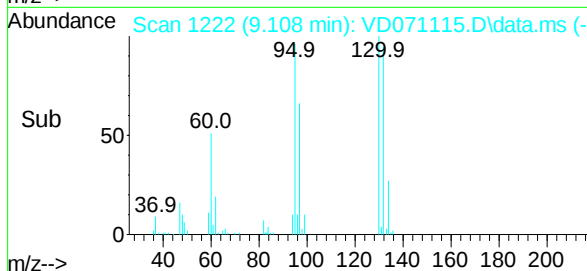
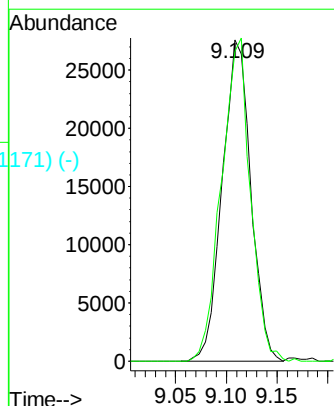
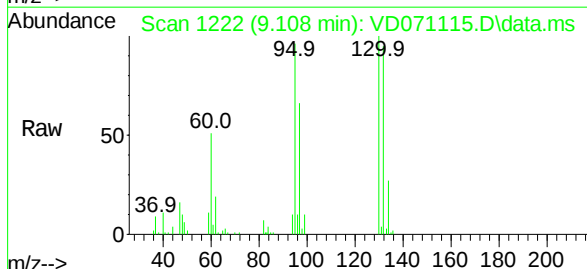
Acq: 02 Dec 2021 13:40

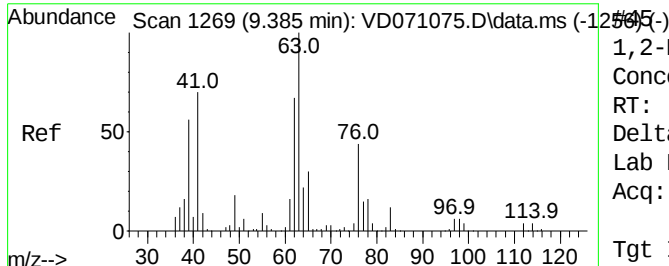
Tgt Ion:130 Resp: 54111

Ion Ratio Lower Upper

130 100

95 96.3 0.0 193.2

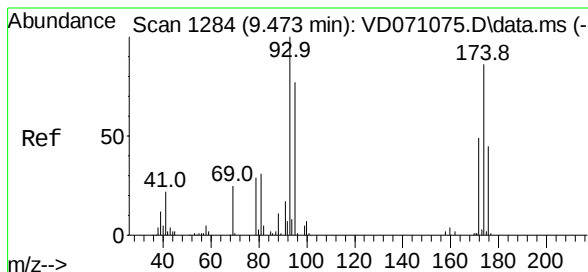
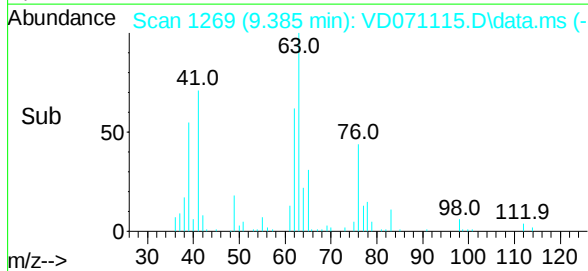
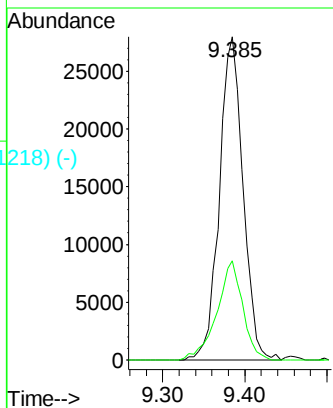
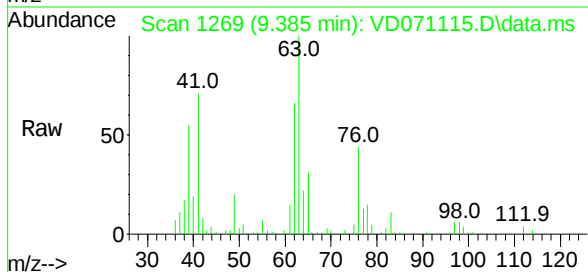




1,2-Dichloropropane
Concen: 18.85 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

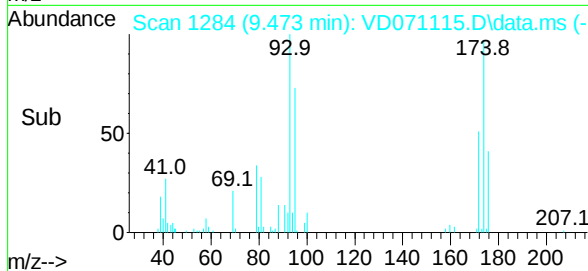
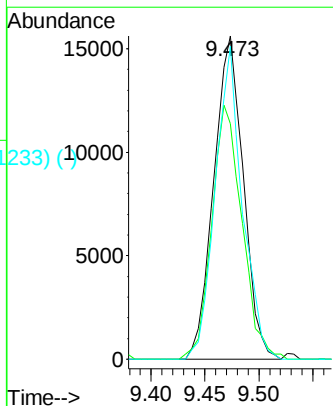
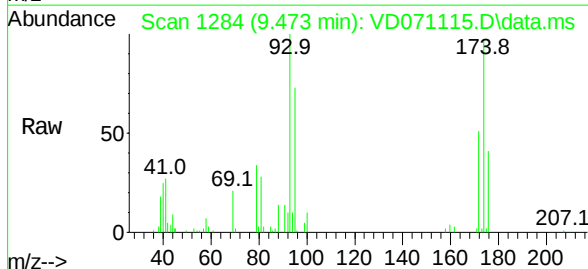
Instrument :
MSVOA_D
ClientSampleId :

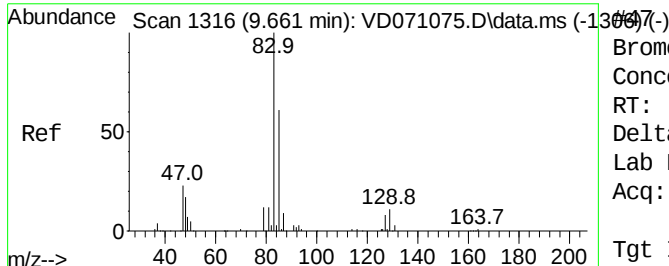
Tgt Ion: 63 Resp: 55895
Ion Ratio Lower Upper
63 100
65 30.6 24.2 36.2



Dibromomethane
Concen: 19.47 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion: 93 Resp: 29957
Ion Ratio Lower Upper
93 100
95 80.0 66.1 99.1
174 88.9 78.6 117.8

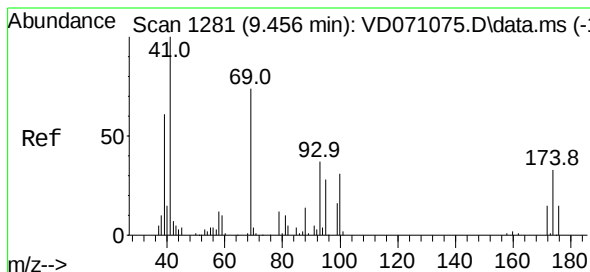
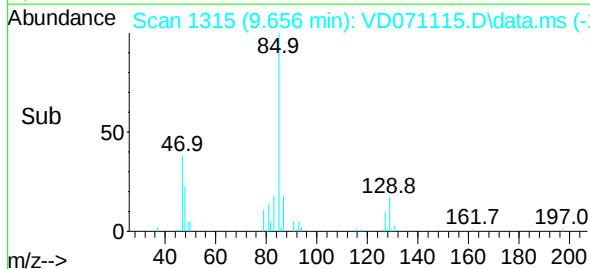
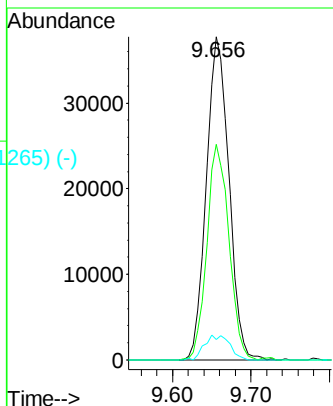
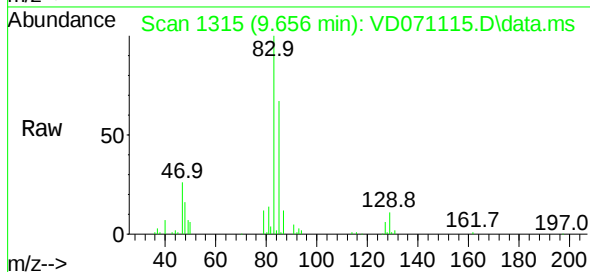




Bromodichloromethane
Concen: 18.57 ug/l
RT: 9.656 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

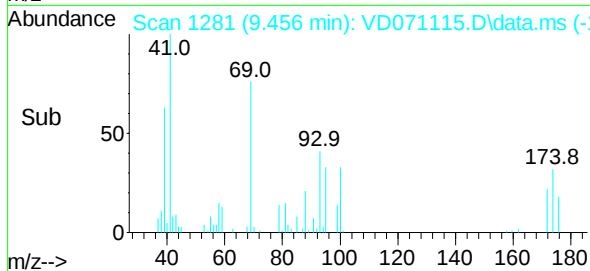
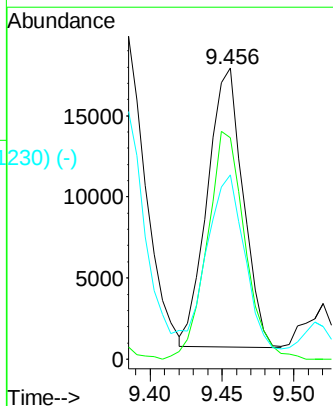
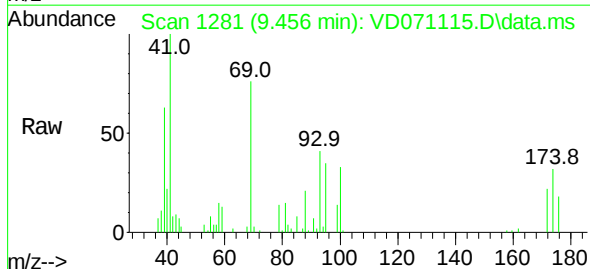
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	83	Resp:	75573
Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.0	75.0
127	6.4	7.3	10.9#

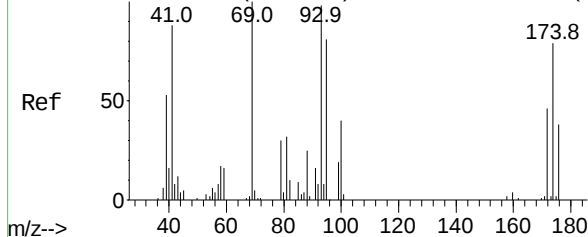


Methyl methacrylate
Concen: 16.88 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion:	41	Resp:	29630
Ion	Ratio	Lower	Upper
41	100		
69	86.1	69.8	104.6
39	63.5	35.6	53.4#



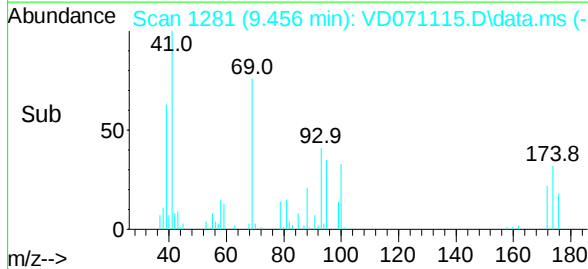
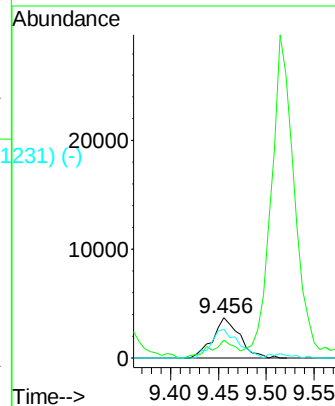
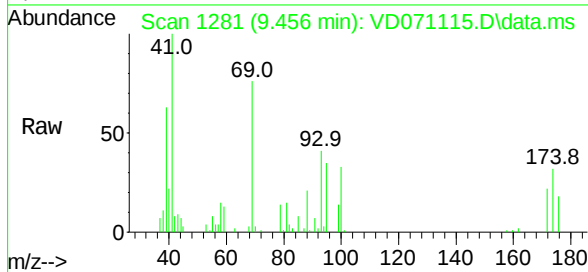
Abundance Scan 1282 (9.461 min): VD071075.D\data.ms (-1279) (-)



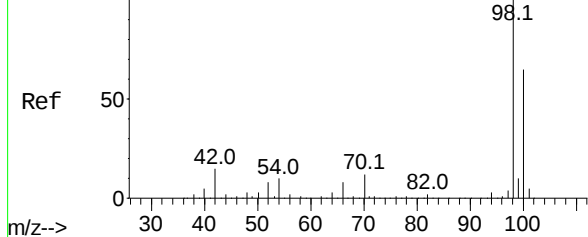
1,4-Dioxane
Concen: 477.95 ug/l
RT: 9.456 min Scan# 1282
Delta R.T. -0.005 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 7098
Ion Ratio Lower Upper
88 100
43 40.7 28.9 43.3
58 72.3 56.3 84.5

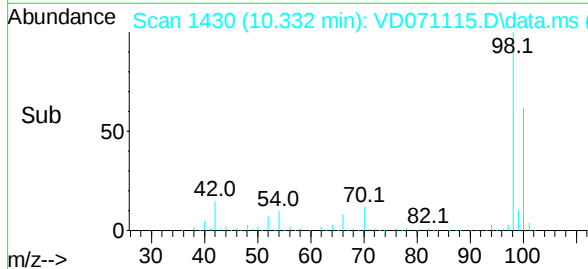
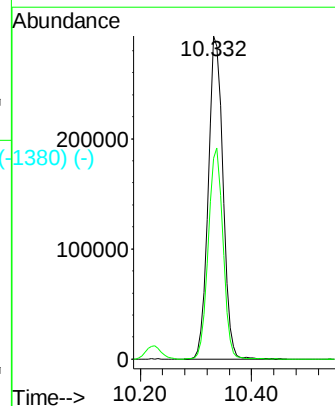
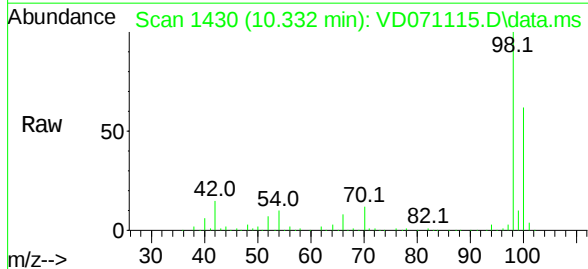


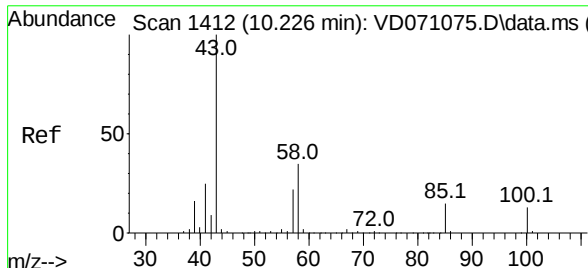
Abundance Scan 1431 (10.338 min): VD071075.D\data.ms (-1450) (-)



Toluene-d8
Concen: 49.37 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion: 98 Resp: 531375
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

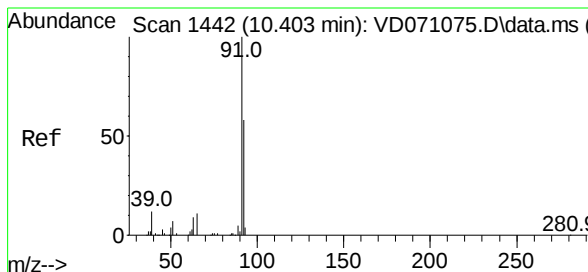
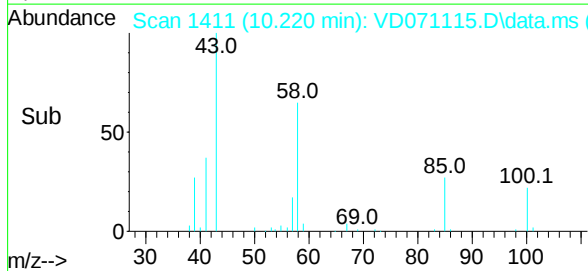
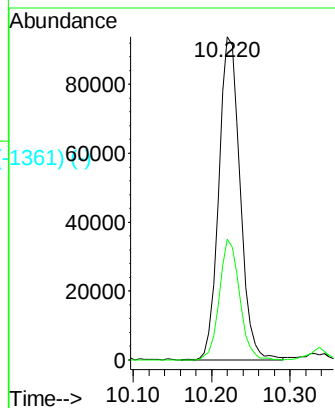
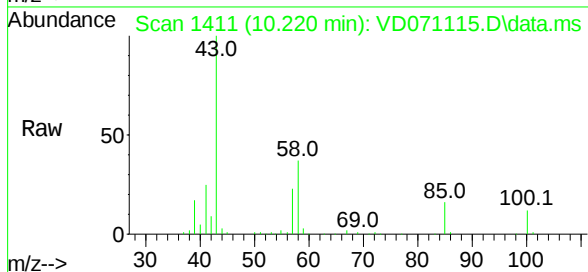




4-Methyl-2-Pentanone
 Concen: 106.99 ug/l
 RT: 10.220 min Scan# 1411
 Delta R.T. -0.006 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

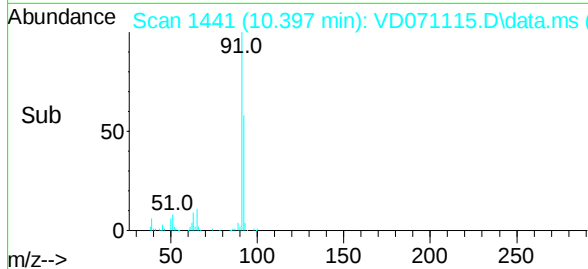
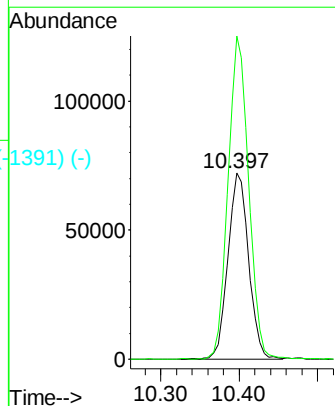
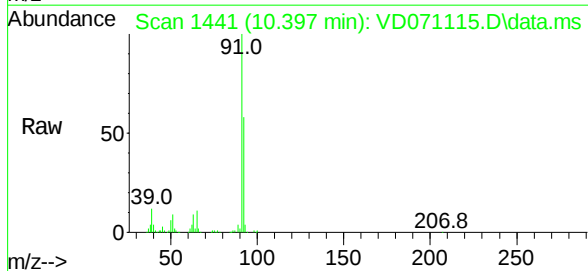
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 175918
 Ion Ratio Lower Upper
 43 100
 58 35.4 33.1 49.7



Toluene
 Concen: 18.45 ug/l
 RT: 10.397 min Scan# 1441
 Delta R.T. -0.006 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

Tgt Ion: 92 Resp: 131991
 Ion Ratio Lower Upper
 92 100
 91 172.7 140.7 211.1



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

t-1,3-Dichloropropene

Concen: 18.14 ug/l

RT: 10.614 min Scan# 1478

Delta R.T. 0.000 min

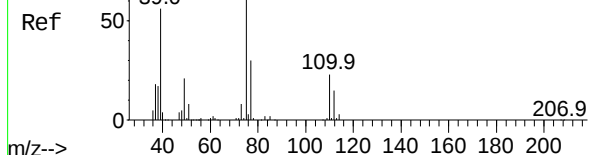
Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :

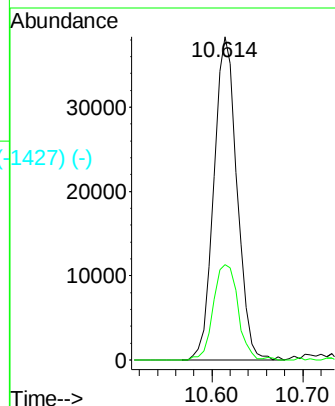
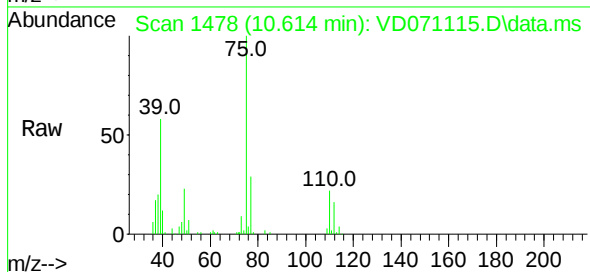


Tgt Ion: 75 Resp: 67847

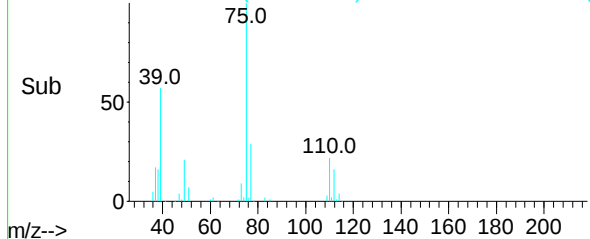
Ion Ratio Lower Upper

75 100

77 29.5 24.5 36.7



Abundance Scan 1478 (10.614 min): VD071115.D\data.ms (-1427) (-)



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

cis-1,3-Dichloropropene

Concen: 18.08 ug/l

RT: 10.085 min Scan# 1388

Delta R.T. -0.000 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

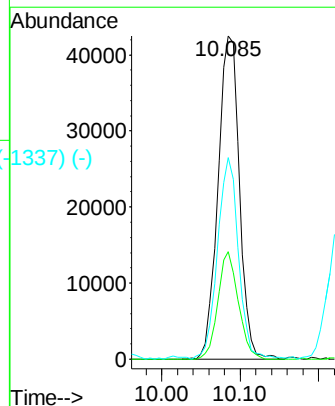
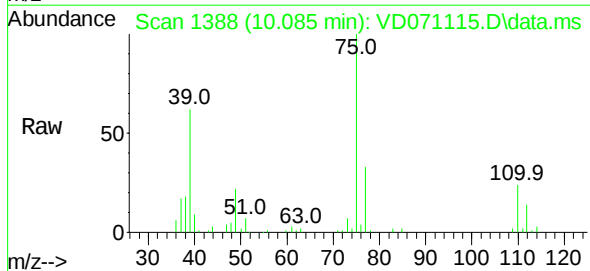
Tgt Ion: 75 Resp: 80331

Ion Ratio Lower Upper

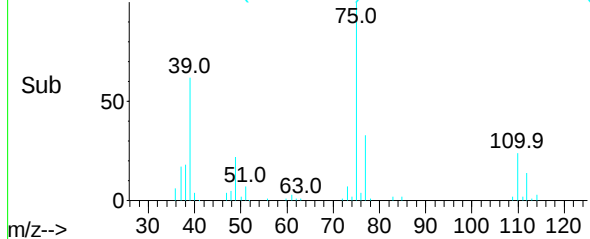
75 100

77 33.2 25.0 37.6

39 62.0 31.6 47.4#



Abundance Scan 1388 (10.085 min): VD071115.D\data.ms (-1337) (-)



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

1,1,2-Trichloroethane

Concen: 18.85 ug/l

RT: 10.791 min Scan#

Delta R.T. -0.006 min

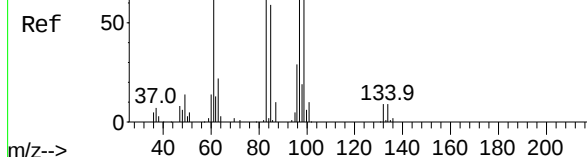
Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 38054

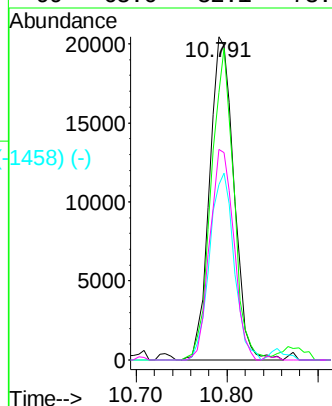
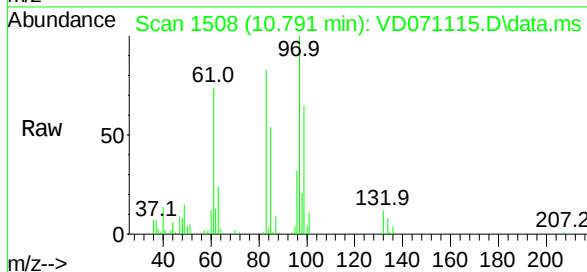
Ion Ratio Lower Upper

97 100

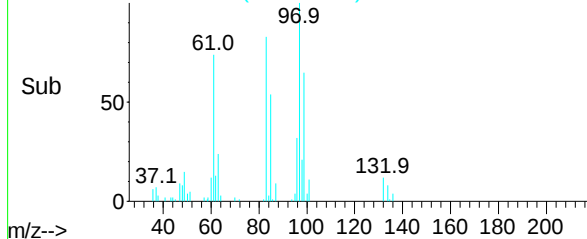
83 82.8 65.2 97.8

85 54.2 43.4 65.0

99 65.0 52.1 78.1



Abundance Scan 1508 (10.791 min): VD071115.D\data.ms (-1458) (-)



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

Ethyl methacrylate

Concen: 20.62 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. -0.001 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

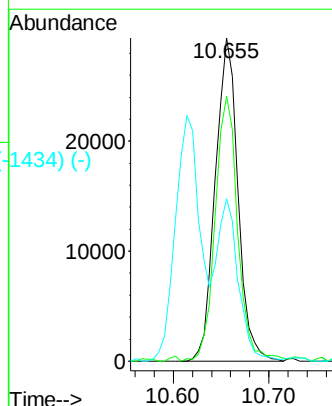
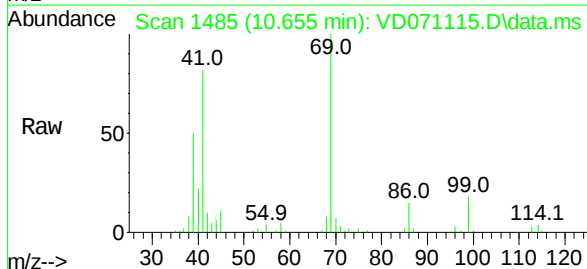
Tgt Ion: 69 Resp: 48332

Ion Ratio Lower Upper

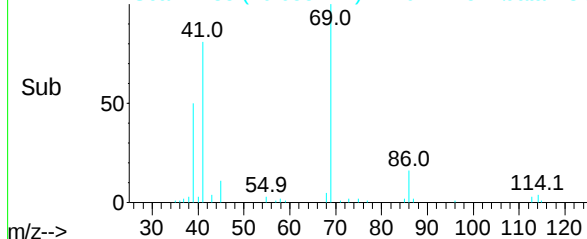
69 100

41 81.6 50.2 75.2#

39 46.2 19.8 29.8#



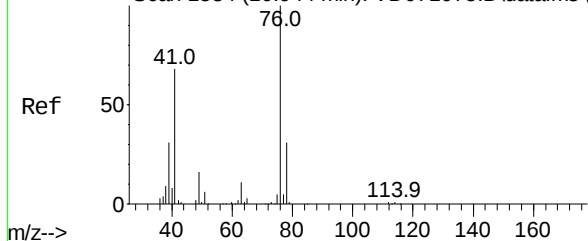
Abundance Scan 1485 (10.655 min): VD071115.D\data.ms (-1434) (-)



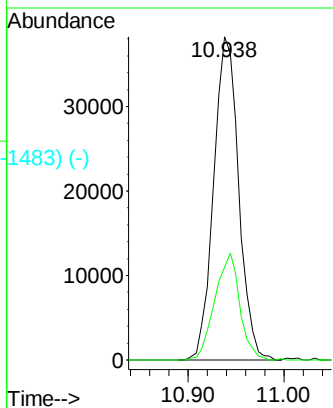
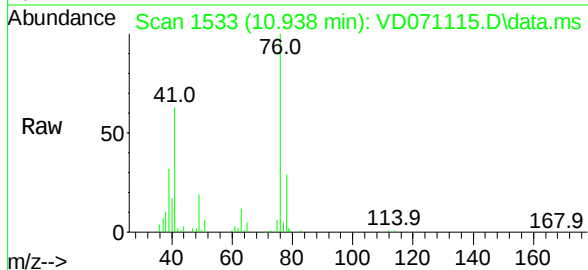
Abundance Scan 1534 (10.944 min): VD071075.D\data.ms (-1555) (-)

1,3-Dichloropropane
Concen: 19.50 ug/l
RT: 10.938 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

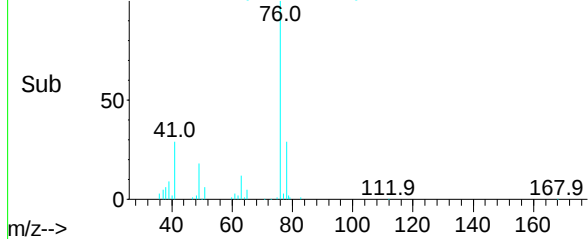
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 76 Resp: 69153
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.6



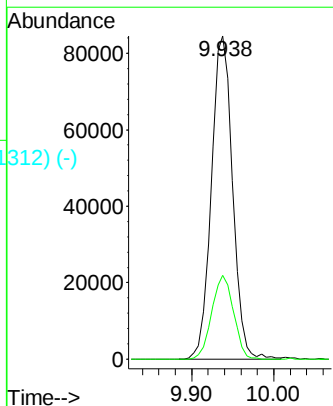
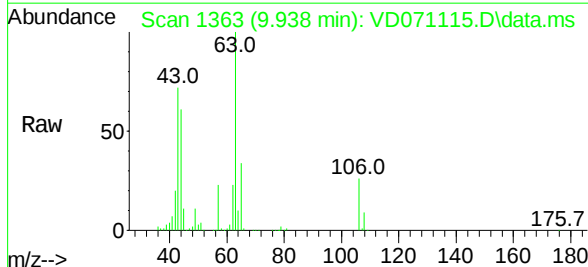
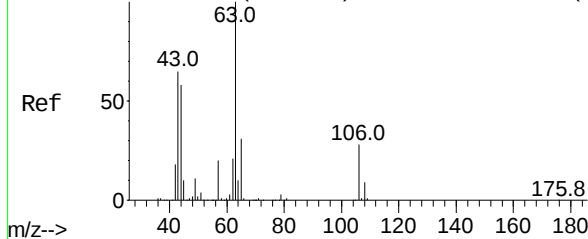
Abundance Scan 1533 (10.938 min): VD071115.D\data.ms (-1483) (-)



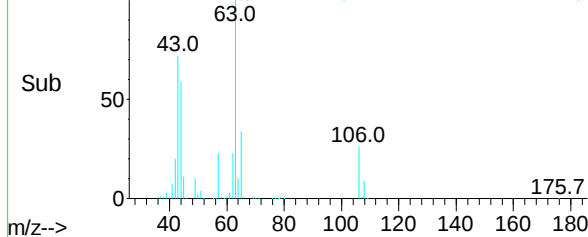
Abundance Scan 1363 (9.938 min): VD071075.D\data.ms (-1359) (-)

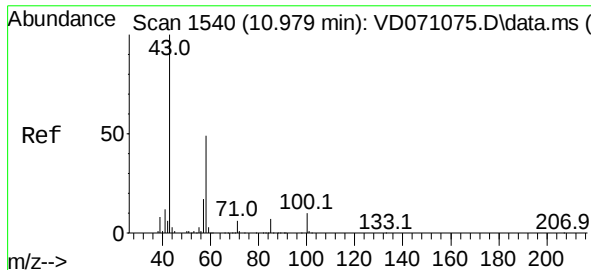
2-Chloroethyl Vinyl ether
Concen: 110.60 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion: 63 Resp: 151892
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.4



Abundance Scan 1363 (9.938 min): VD071115.D\data.ms (-1312) (-)

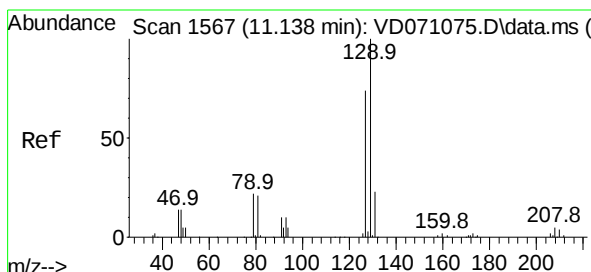
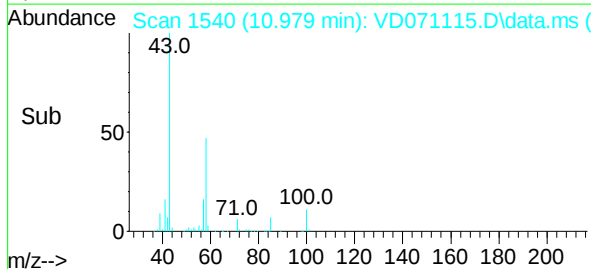
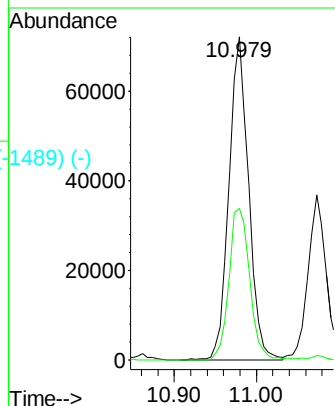
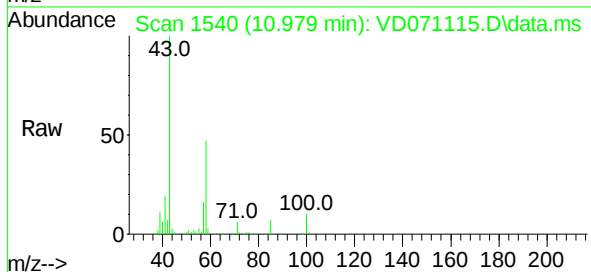




2-Hexanone
Concen: 102.51 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

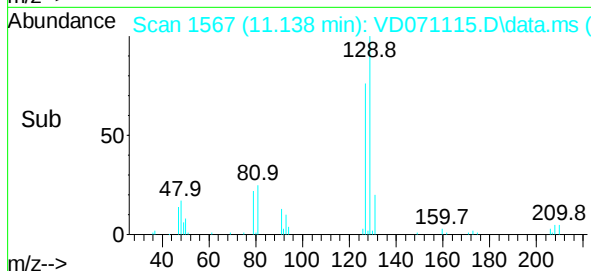
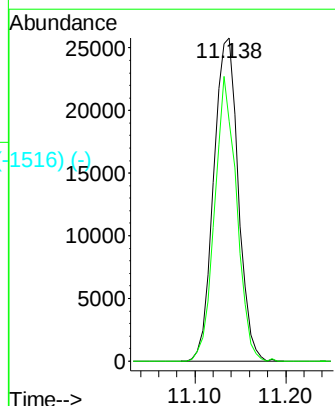
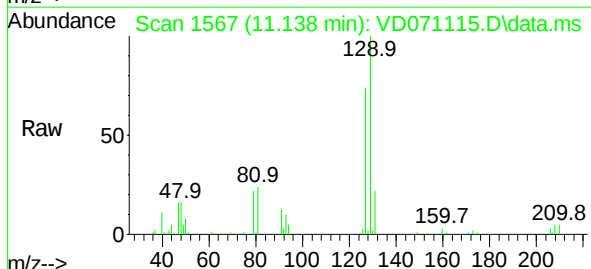
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 120112
Ion Ratio Lower Upper
43 100
58 49.8 28.7 86.1



Dibromochloromethane
Concen: 19.31 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion:129 Resp: 48438
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.6



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

1,2-Dibromoethane

Concen: 19.89 ug/l

RT: 11.244 min Scan# 1585

Delta R.T. -0.000 min

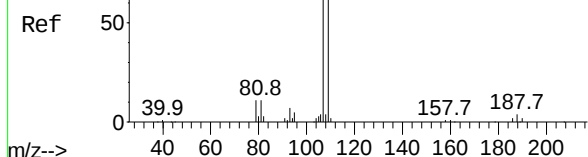
Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :

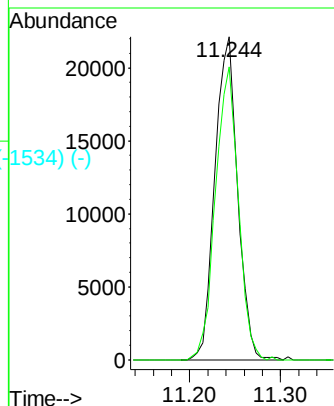
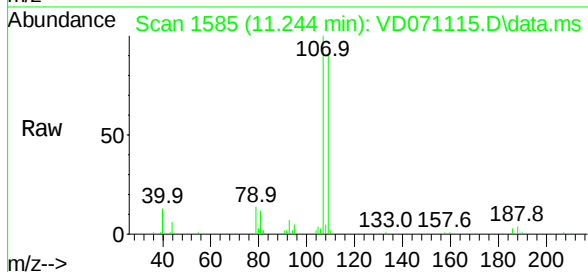


Tgt Ion:107 Resp: 38560

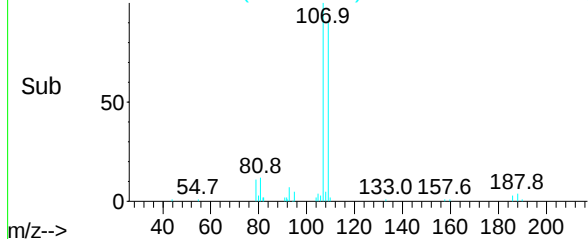
Ion Ratio Lower Upper

107 100

109 91.4 74.6 112.0



Abundance Scan 1585 (11.244 min): VD071115.D\data.ms (-1534) (-)



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

4-Bromofluorobenzene

Concen: 51.48 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.000 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

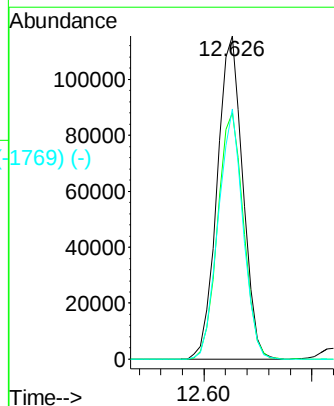
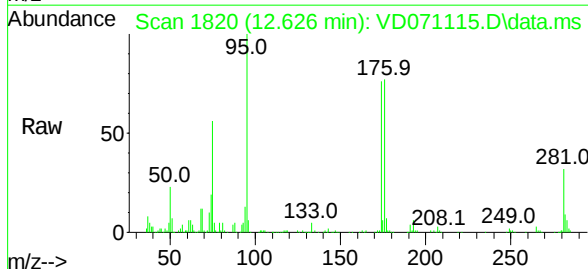
Tgt Ion: 95 Resp: 192051

Ion Ratio Lower Upper

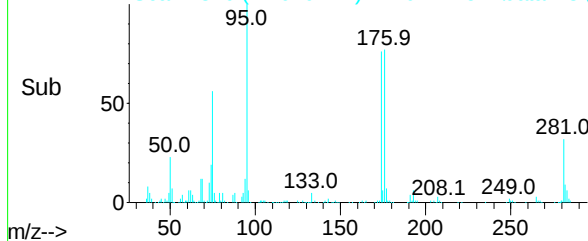
95 100

174 77.0 0.0 159.4

176 74.7 0.0 154.0



Abundance Scan 1820 (12.626 min): VD071115.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: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :

Ref

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071115.D\data.ms (-1601)

Raw

Sub

Tgt Ion:117 Resp: 409666

Ion Ratio Lower Upper

117 100

82 59.8 44.7 67.1

119 32.7 26.2 39.4

Abundance

11.638

200000

150000

100000

50000

0

Time-->

11.60 11.70

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

Tetrachloroethene

Concen: 17.64 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Ref

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Abundance Scan 1521 (10.867 min): VD071115.D\data.ms (-1471)

Raw

Sub

Tgt Ion:164 Resp: 45888

Ion Ratio Lower Upper

164 100

166 118.4 102.6 153.8

129 92.1 75.4 113.0

131 87.0 70.6 106.0

Abundance

10.867

30000

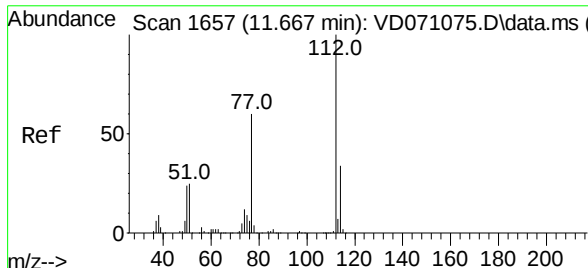
20000

10000

0

Time-->

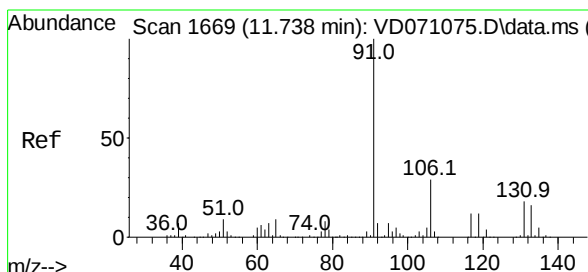
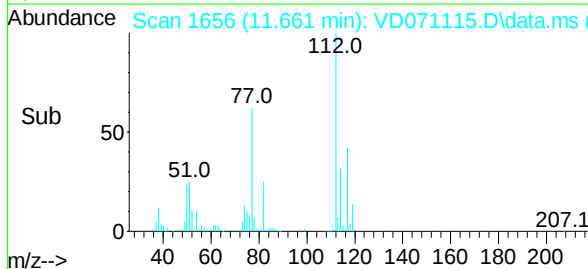
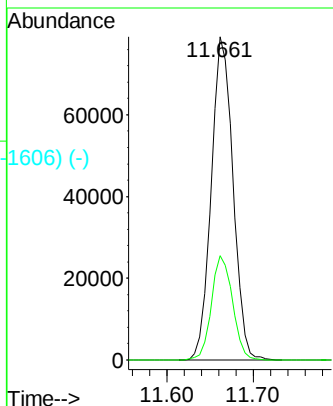
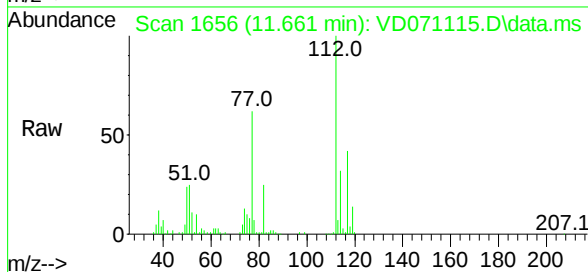
10.80 10.90



Chlorobenzene
 Concen: 18.26 ug/l
 RT: 11.661 min Scan# 1656
 Delta R.T. -0.006 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

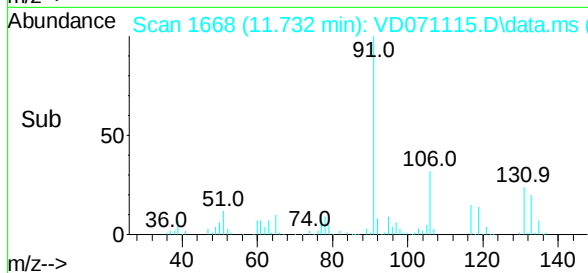
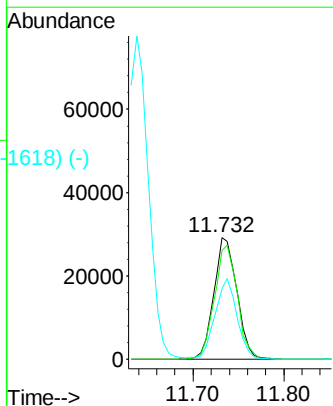
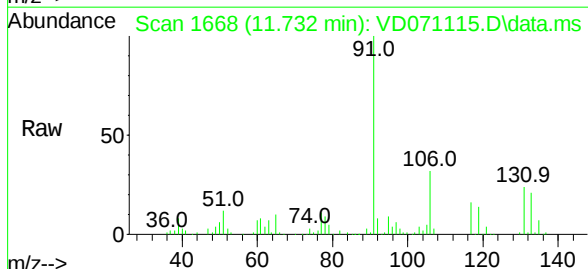
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:112 Resp: 138779
 Ion Ratio Lower Upper
 112 100
 114 32.3 26.0 39.0



1,1,1,2-Tetrachloroethane
 Concen: 18.50 ug/l
 RT: 11.732 min Scan# 1668
 Delta R.T. -0.006 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

Tgt Ion:131 Resp: 51335
 Ion Ratio Lower Upper
 131 100
 133 93.1 48.0 144.0
 119 63.5 33.5 100.4



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

Ethyl Benzene

Concen: 17.16 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 91 Resp: 245515

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8

Abundance Scan 1669 (11.738 min): VD071115.D\data.ms

Ref 50

m/z-->

Abundance Scan 1669 (11.738 min): VD071115.D\data.ms

Raw 50

m/z-->

Abundance Scan 1669 (11.738 min): VD071115.D\data.ms (-1618) (-)

Sub 50

m/z-->

Abundance

150000

11.738

100000

50000

0

Time-->

11.70 11.80

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

m/p-Xylenes

Concen: 35.06 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Tgt Ion:106 Resp: 189393

Ion Ratio Lower Upper

106 100

91 205.6 160.1 240.1

Abundance Scan 1687 (11.844 min): VD071115.D\data.ms

Ref 50

m/z-->

Abundance Scan 1687 (11.844 min): VD071115.D\data.ms

Raw 50

m/z-->

Abundance Scan 1687 (11.844 min): VD071115.D\data.ms (-1637) (-)

Sub 50

m/z-->

Abundance

150000

11.844

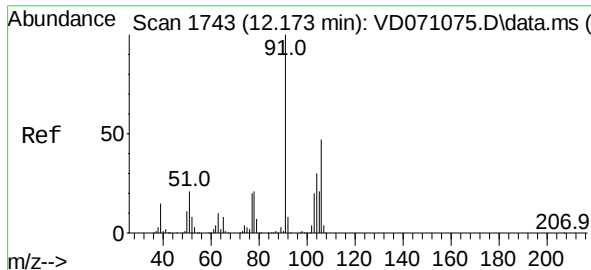
100000

50000

0

Time-->

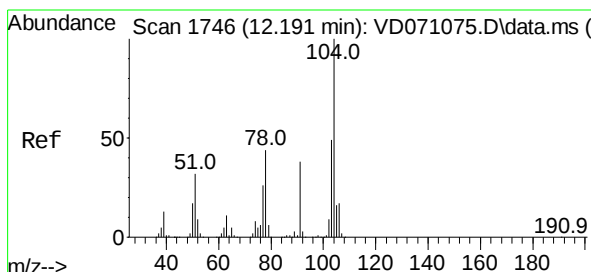
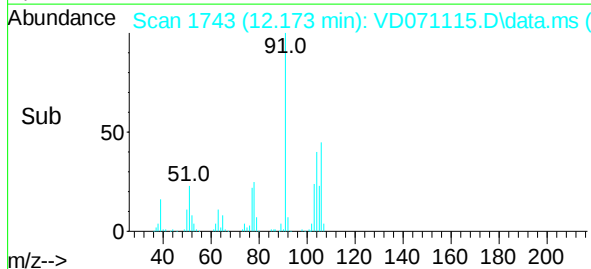
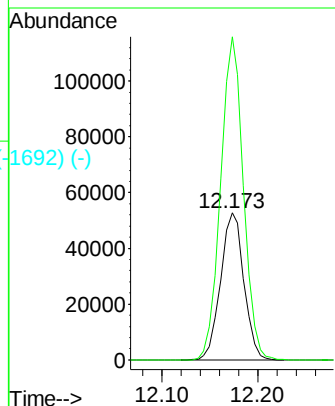
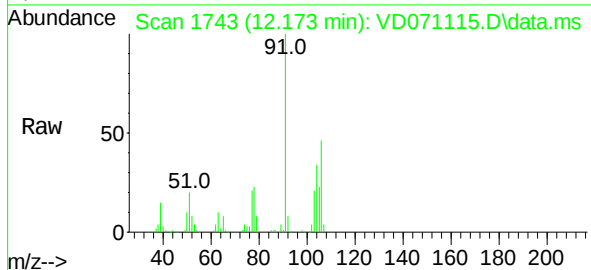
11.80 11.90



o-Xylene
Concen: 17.53 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

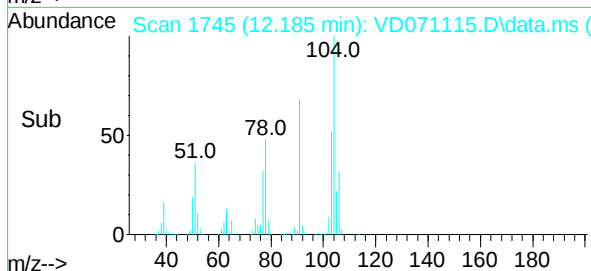
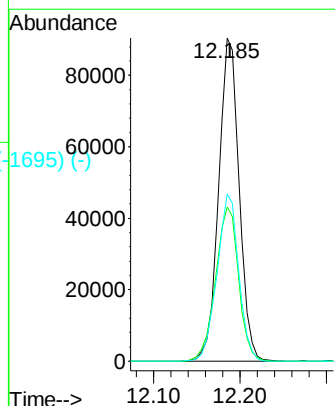
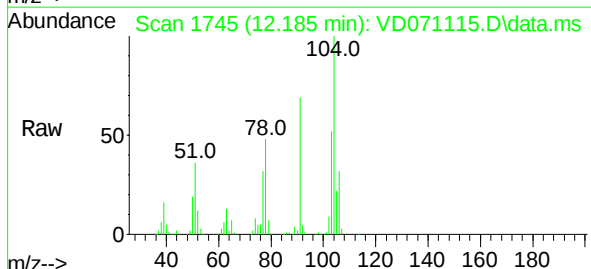
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 89006
Ion Ratio Lower Upper
106 100
91 214.3 106.3 319.0

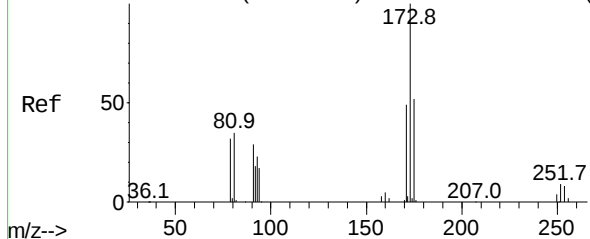


Styrene
Concen: 17.64 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion:104 Resp: 150914
Ion Ratio Lower Upper
104 100
78 53.2 39.4 59.0
103 54.6 43.4 65.0



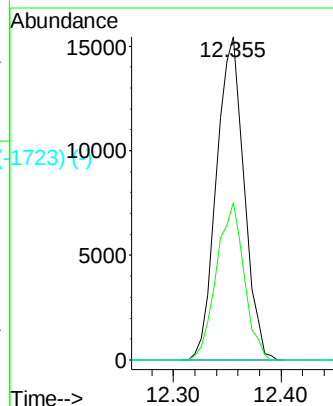
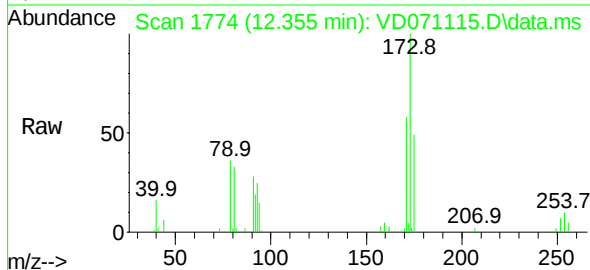
Abundance Scan 1774 (12.355 min): VD071075.D\data.ms (-1775) (-)



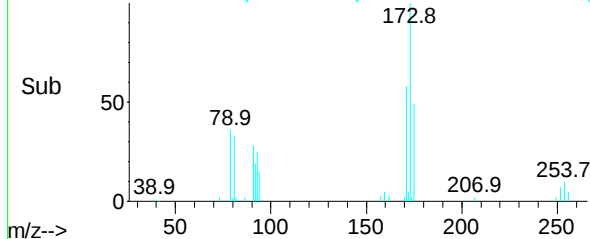
Bromoform
Concen: 19.23 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :

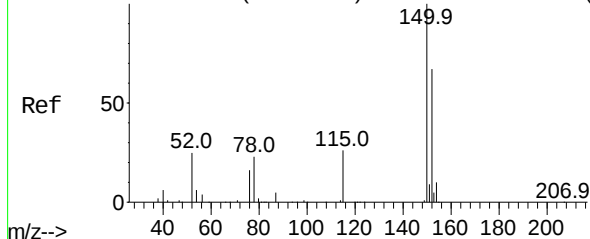
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.2
254	0.0	0.1	0.1#



Abundance Scan 1774 (12.355 min): VD071115.D\data.ms (-1723) (-)

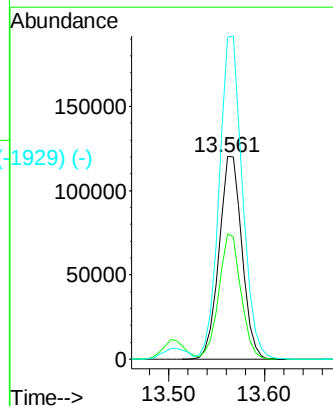
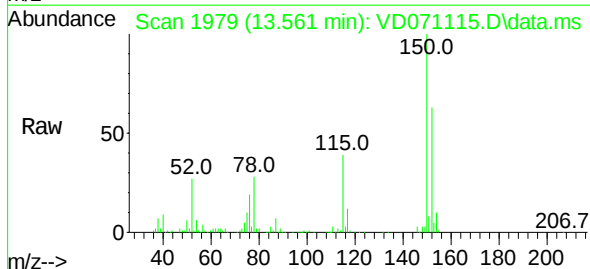


Abundance Scan 1980 (13.567 min): VD071075.D\data.ms (-1972) (-)

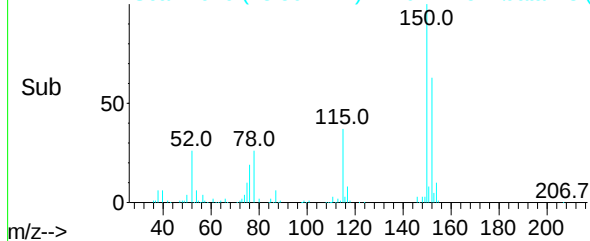


1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.8	89.3
150	162.4	0.0	349.2



Abundance Scan 1979 (13.561 min): VD071115.D\data.ms (-1929) (-)



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

Isopropylbenzene

Concen: 16.33 ug/l

RT: 12.473 min Scan# 1794

Delta R.T. 0.000 min

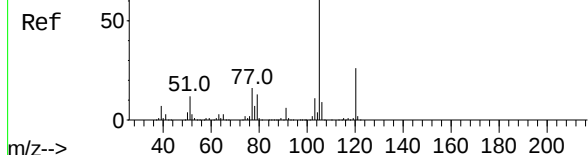
Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :

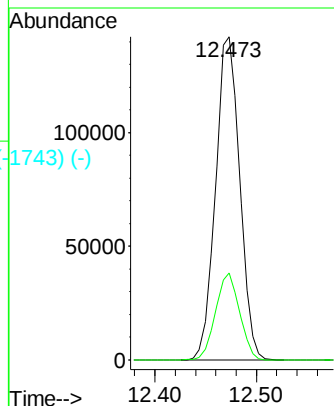
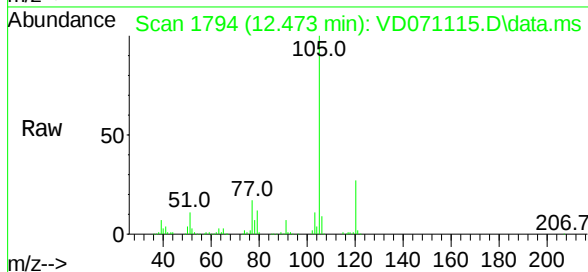


Tgt Ion:105 Resp: 234873

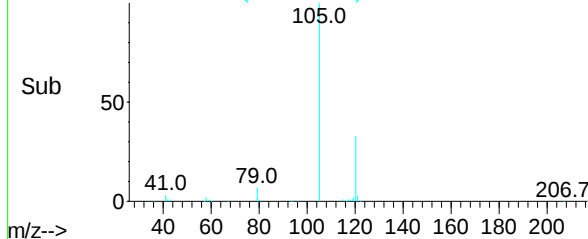
Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



Abundance Scan 1794 (12.473 min): VD071115.D\data.ms (-1743) (-)



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

N-amil acetate

Concen: 19.39 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Tgt Ion: 43 Resp: 60828

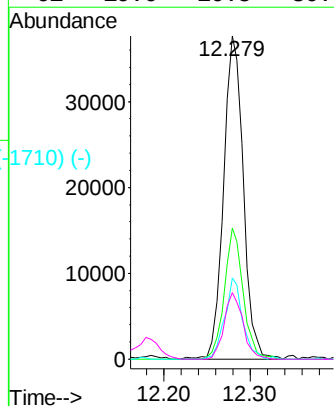
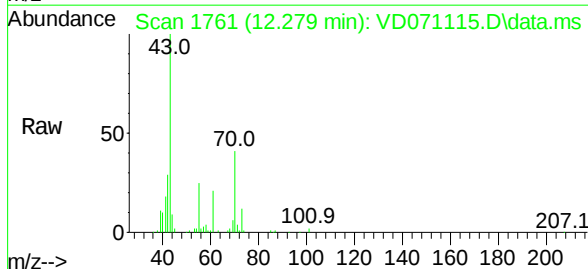
Ion Ratio Lower Upper

43 100

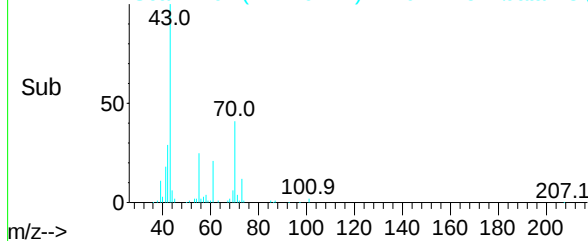
70 38.5 36.6 55.0

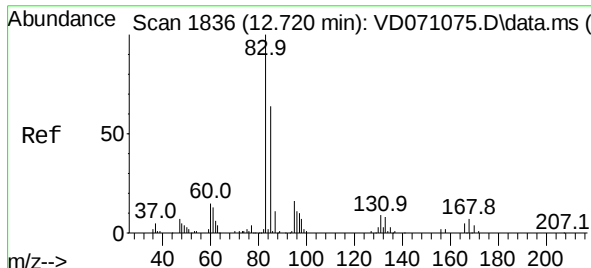
55 22.8 22.5 33.7

61 19.6 20.5 30.7#



Abundance Scan 1761 (12.279 min): VD071115.D\data.ms (-1710) (-)

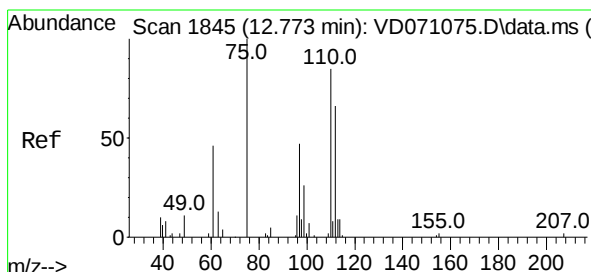
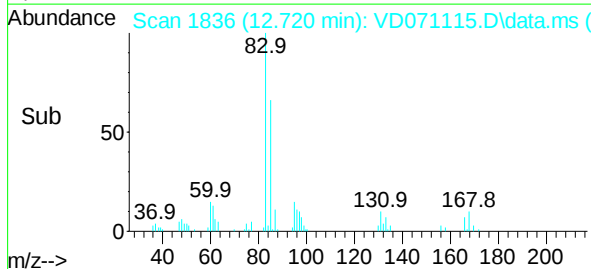
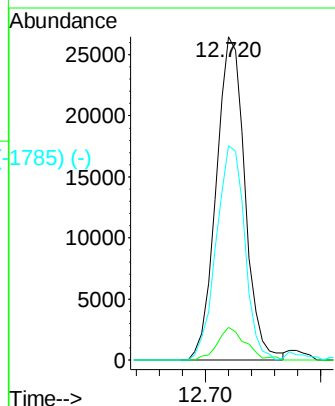
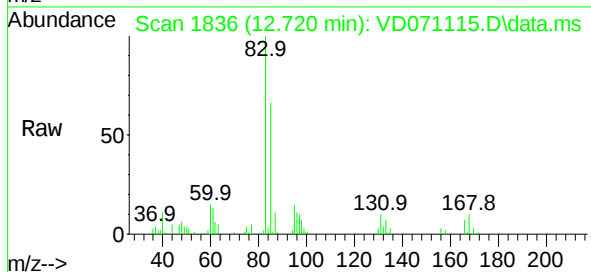




1,1,2,2-Tetrachloroethane
 Concen: 19.35 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

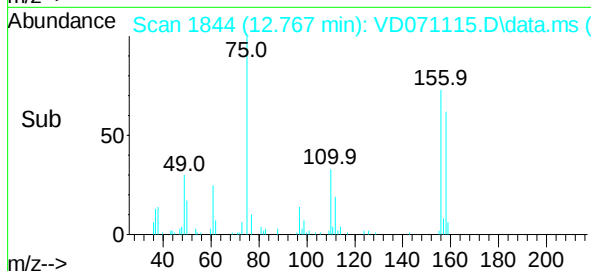
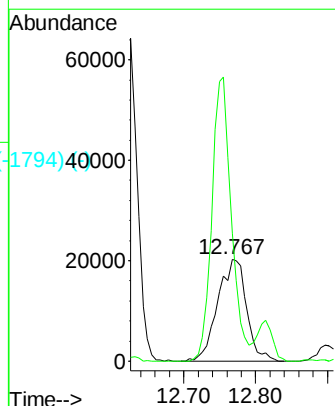
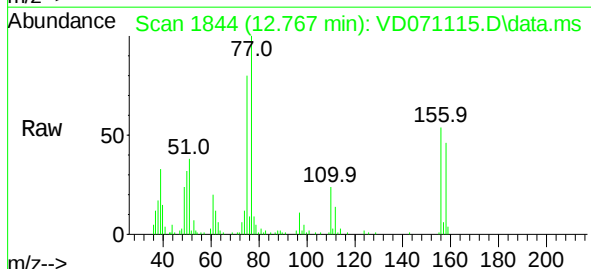
Instrument :
 MSVOA_D
 ClientSampleId :

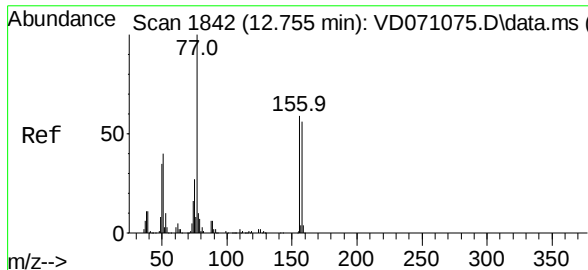
Tgt Ion:	83	Resp:	45841
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	65.8	32.0	96.2



1,2,3-Trichloropropane
 Concen: 29.74 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

Tgt Ion:	75	Resp:	56272
Ion	Ratio	Lower	Upper
75	100		
77	188.9	158.4	475.3

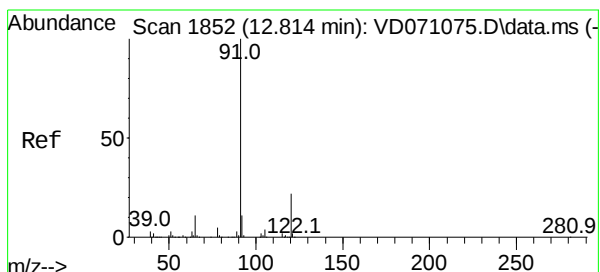
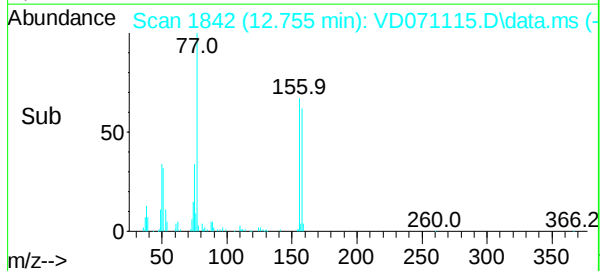
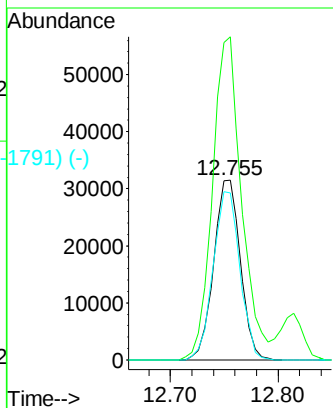
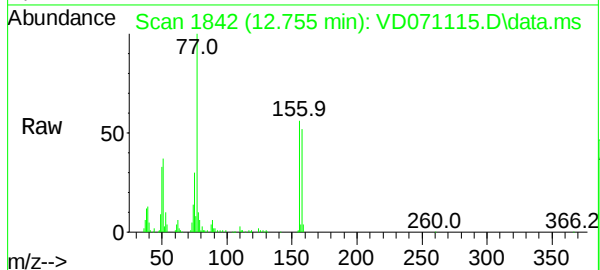




Scan 1842 (12.755 min): VD071075.D\data.ms (-1833) (-)
 Bromobenzene
 Concen: 17.47 ug/l
 RT: 12.755 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

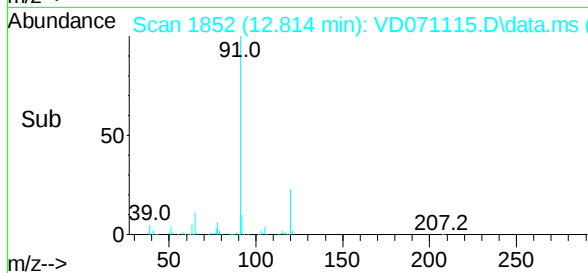
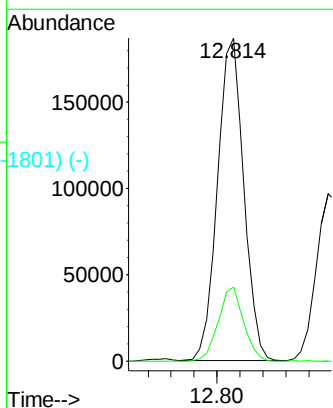
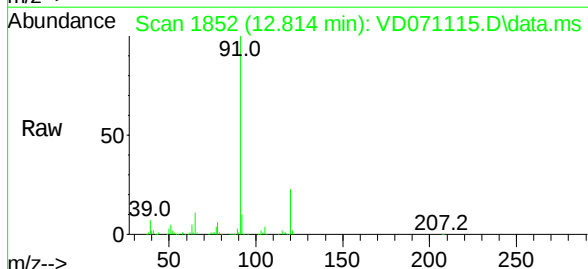
Instrument : MSVOA_D
 ClientSampleId :

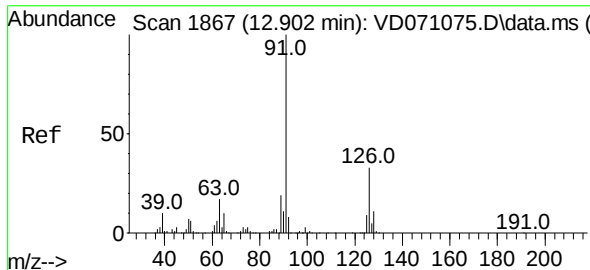
Tgt Ion:	156	Resp:	54415
Ion	Ratio	Lower	Upper
156	100		
77	195.3	96.6	289.8
158	94.0	49.1	147.4



Scan 1852 (12.814 min): VD071075.D\data.ms (-1845) (-)
 n-propylbenzene
 Concen: 16.59 ug/l
 RT: 12.814 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

Tgt Ion:	91	Resp:	297079
Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.9

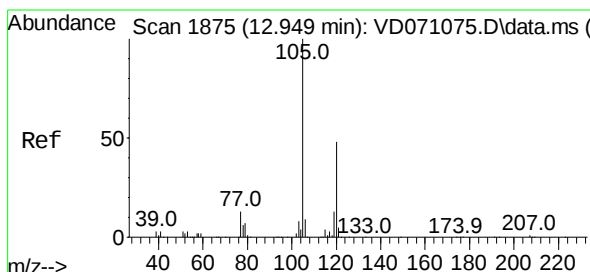
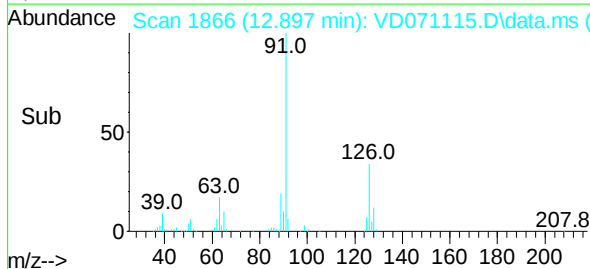
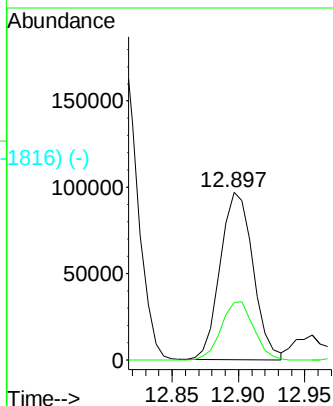
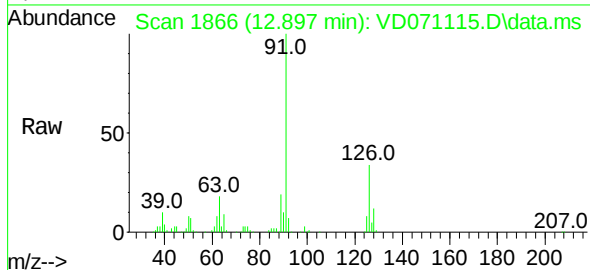




2-Chlorotoluene
Concen: 16.61 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.005 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

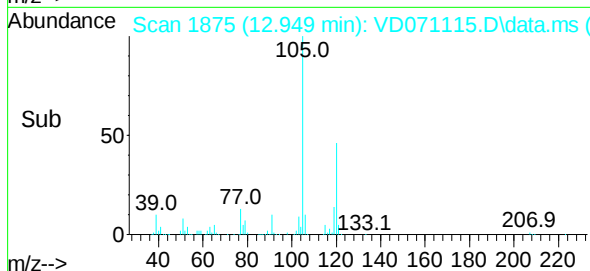
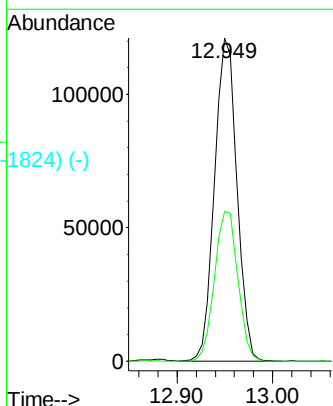
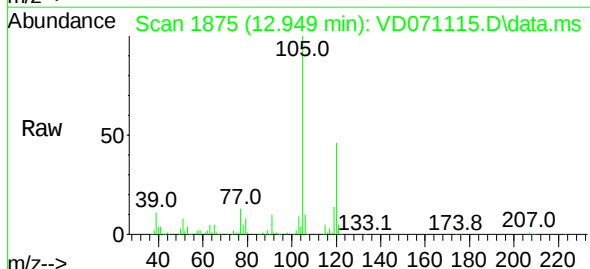
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 166959
Ion Ratio Lower Upper
91 100
126 34.2 16.6 49.7



1,3,5-Trimethylbenzene
Concen: 16.57 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion:105 Resp: 196474
Ion Ratio Lower Upper
105 100
120 48.5 24.6 73.8



Abundance Scan 1802 (12.520 min): VD071075.D\data.ms (-1788) (-)

trans-1,4-Dichloro-2-butene

Concen: 18.66 ug/l

RT: 12.520 min Scan# 1802

Delta R.T. 0.000 min

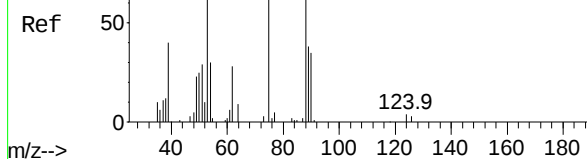
Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :



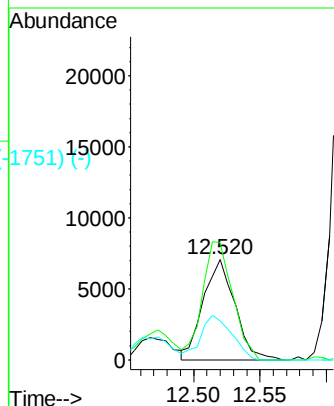
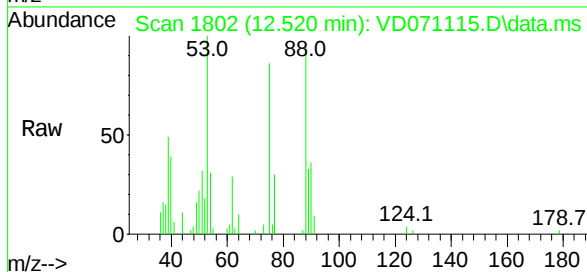
Tgt Ion: 75 Resp: 11787

Ion Ratio Lower Upper

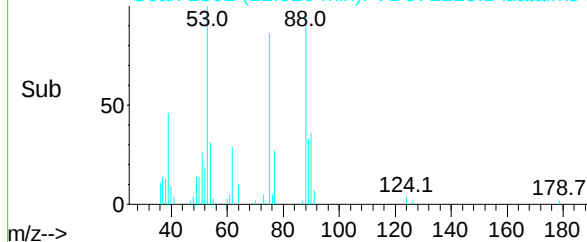
75 100

53 112.4 62.6 94.0#

89 43.2 34.5 51.7



Abundance Scan 1802 (12.520 min): VD071115.D\data.ms (-1751) (-)



Abundance Scan 1883 (12.997 min): VD071075.D\data.ms (-1788) (-)

4-Chlorotoluene

Concen: 16.97 ug/l

RT: 12.997 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VD071115.D

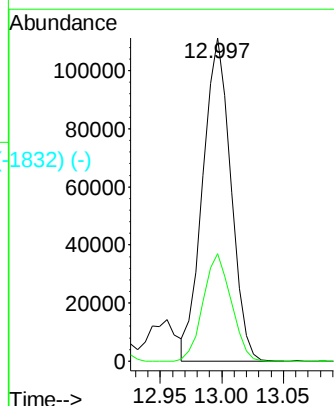
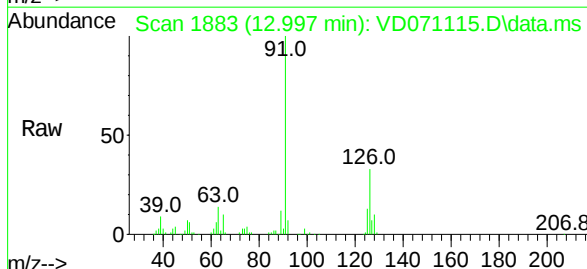
Acq: 02 Dec 2021 13:40

Tgt Ion: 91 Resp: 177051

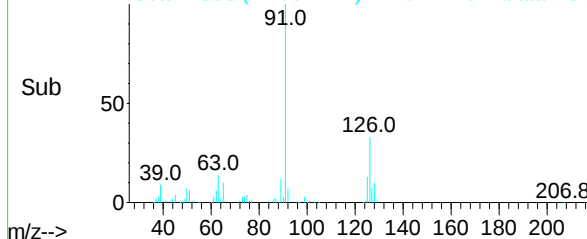
Ion Ratio Lower Upper

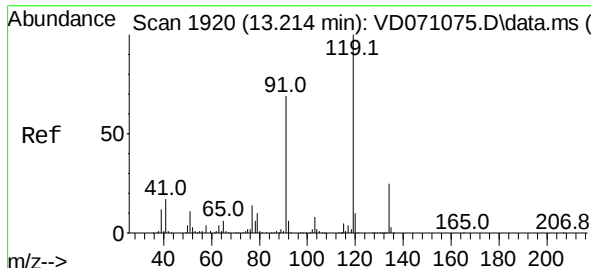
91 100

126 33.1 16.4 49.1



Abundance Scan 1883 (12.997 min): VD071115.D\data.ms (-1832) (-)

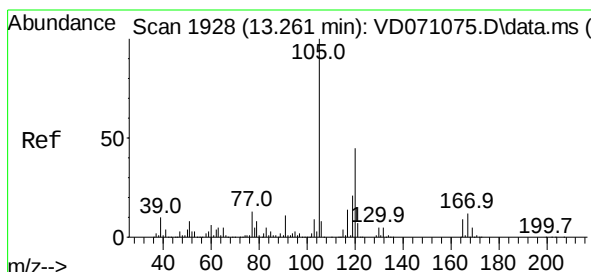
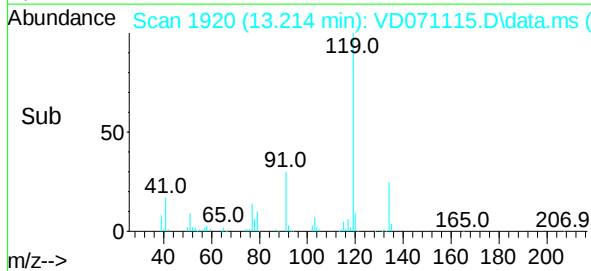
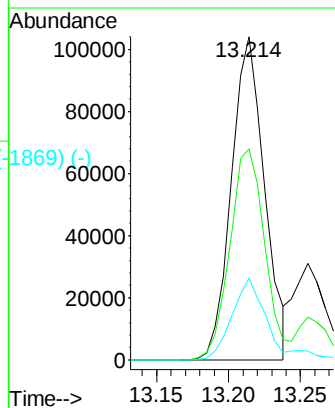
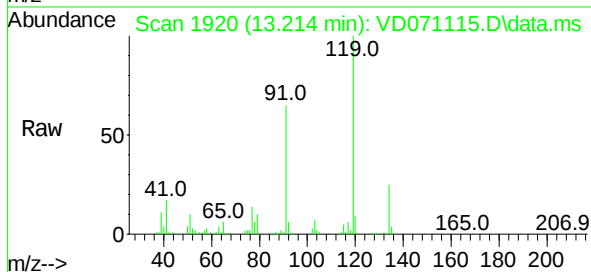




tert-Butylbenzene
Concen: 16.45 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

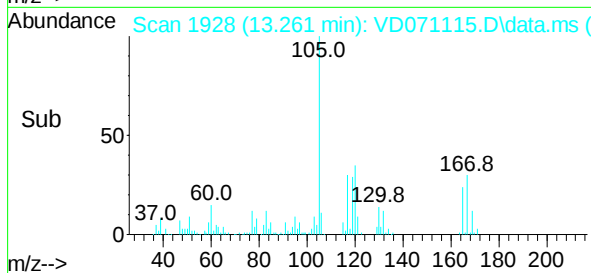
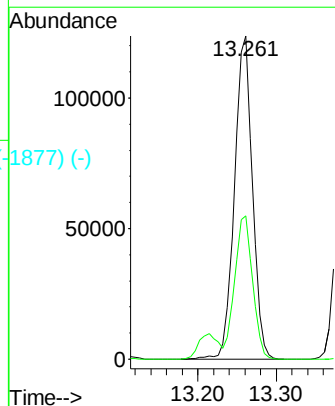
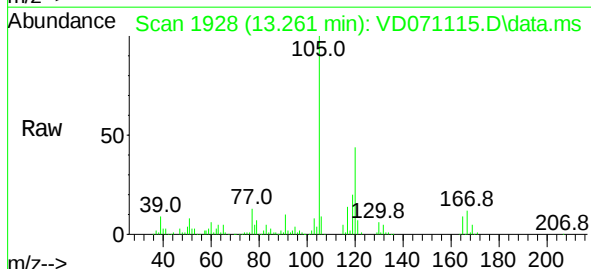
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	119	Resp:	167561
Ion	Ratio	Lower	Upper
119	100		
91	69.1	32.5	97.5
134	27.1	13.2	39.6

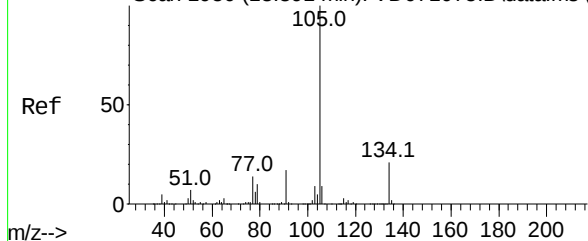


1,2,4-Trimethylbenzene
Concen: 17.05 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion:	105	Resp:	197423
Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.9	68.7



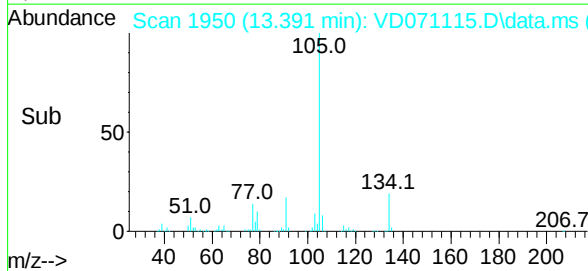
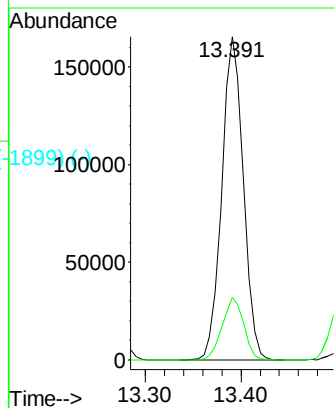
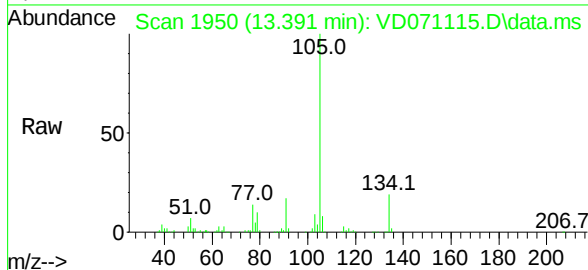
Abundance Scan 1950 (13.391 min): VD071075.D\data.ms (-1985)



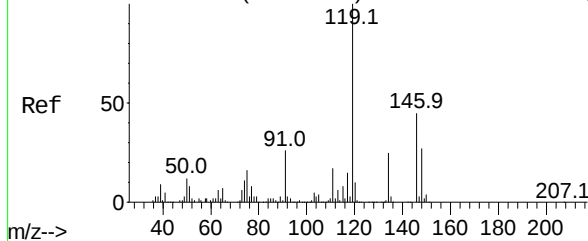
sec-Butylbenzene
Concen: 16.61 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	28.9

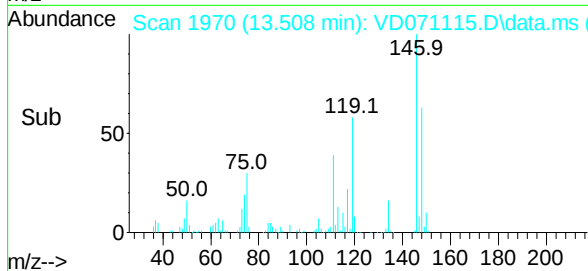
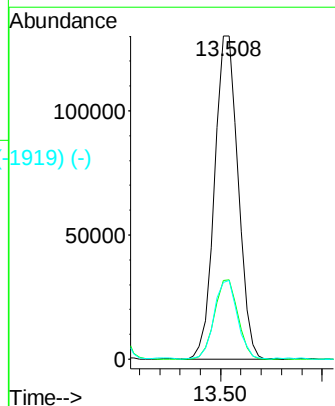
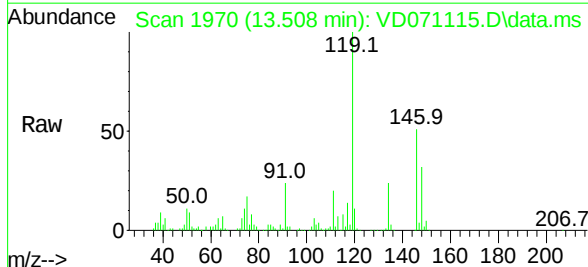


Abundance Scan 1970 (13.508 min): VD071075.D\data.ms (-1986)

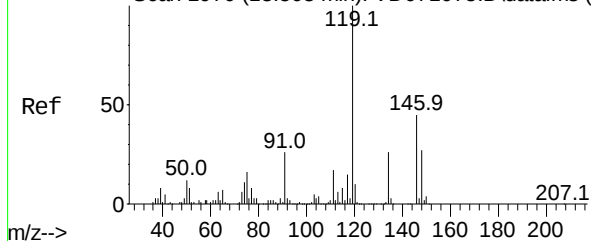


p-Isopropyltoluene
Concen: 16.48 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.5	13.0	38.9
91	24.3	11.4	34.2



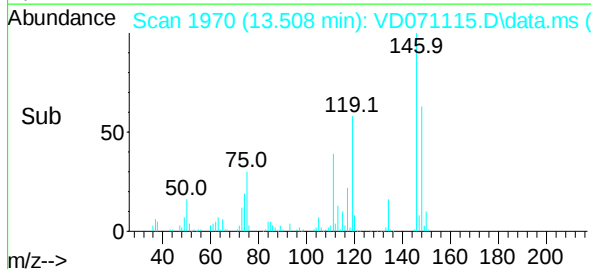
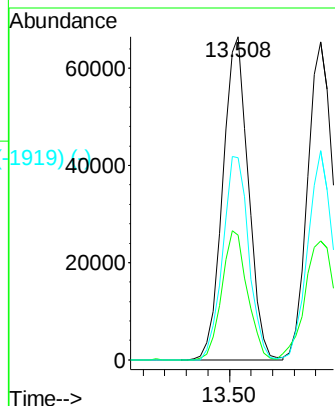
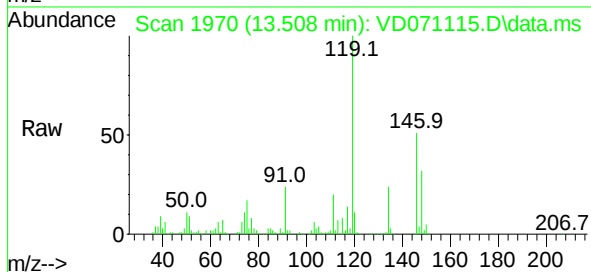
Abundance Scan 1970 (13.508 min): VD071075.D\data.ms (-1987) (-)



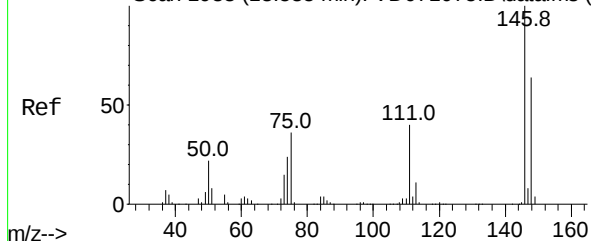
1,3-Dichlorobenzene
Concen: 17.84 ug/l
RT: 13.508 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	146	Resp:	110630
Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.4
148	63.8	32.1	96.3

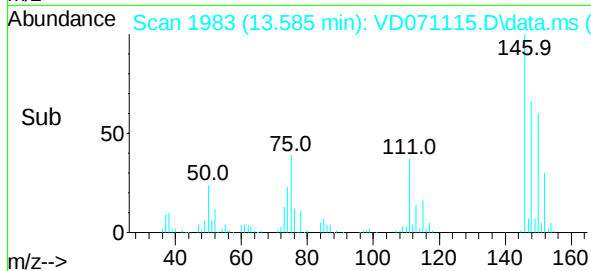
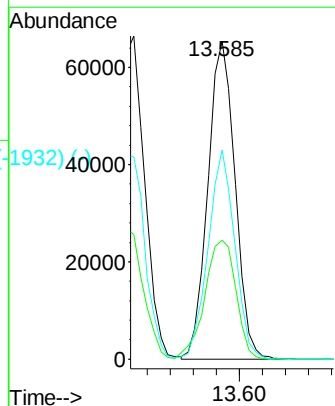
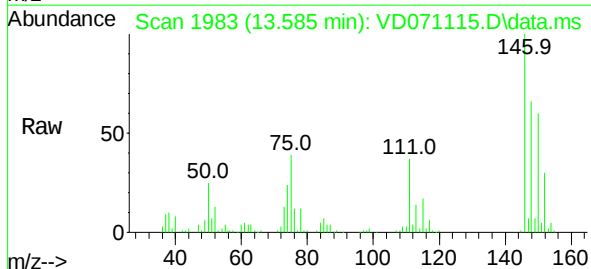


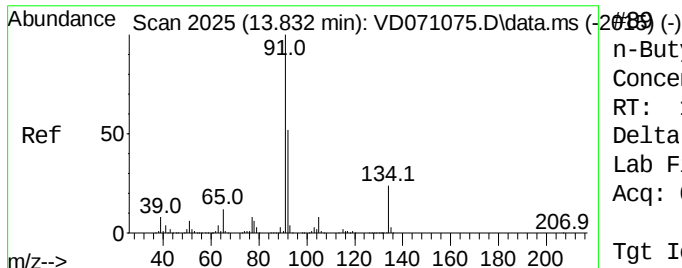
Abundance Scan 1983 (13.585 min): VD071075.D\data.ms (-1988) (-)



1,4-Dichlorobenzene
Concen: 17.49 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion:	146	Resp:	107477
Ion	Ratio	Lower	Upper
146	100		
111	42.8	19.6	58.8
148	64.7	31.5	94.5





n-Butylbenzene

Concen: 16.54 ug/l

RT: 13.832 min Scan# 2025

Delta R.T. -0.000 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :

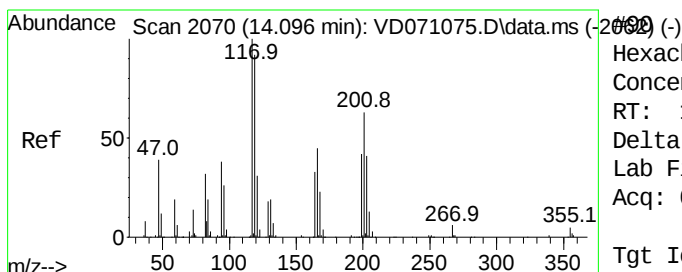
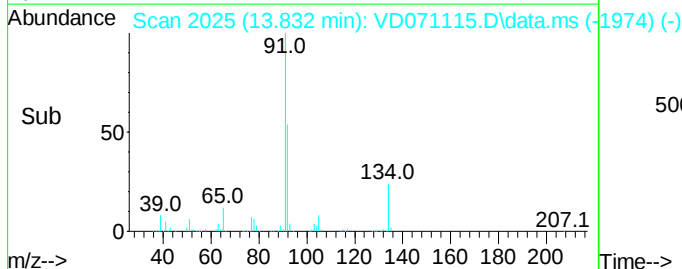
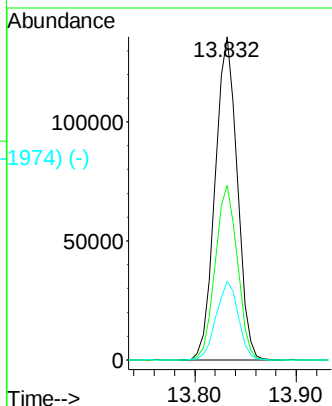
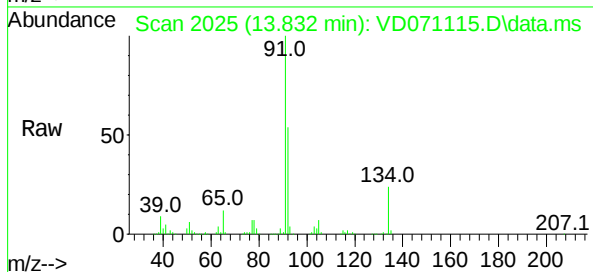
Tgt Ion: 91 Resp: 205445

Ion Ratio Lower Upper

91 100

92 54.2 27.3 81.9

134 24.2 12.3 36.9



Hexachloroethane

Concen: 16.53 ug/l

RT: 14.102 min Scan# 2071

Delta R.T. 0.006 min

Lab File: VD071115.D

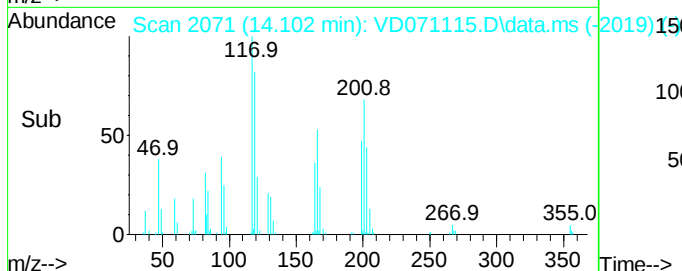
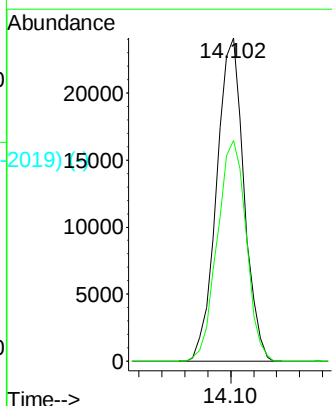
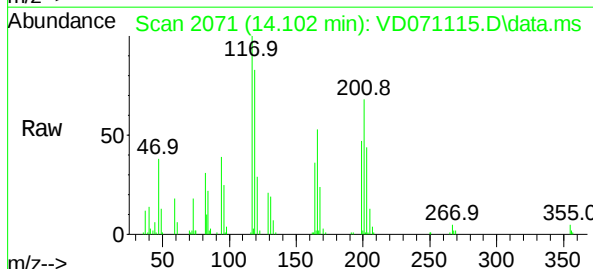
Acq: 02 Dec 2021 13:40

Tgt Ion: 117 Resp: 39868

Ion Ratio Lower Upper

117 100

201 72.0 36.0 108.1



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

1,2-Dichlorobenzene

Concen: 17.90 ug/l

RT: 13.879 min Scan# 2136

Delta R.T. -0.000 min

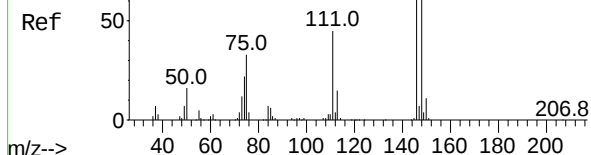
Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

Instrument :

MSVOA_D

ClientSampleId :



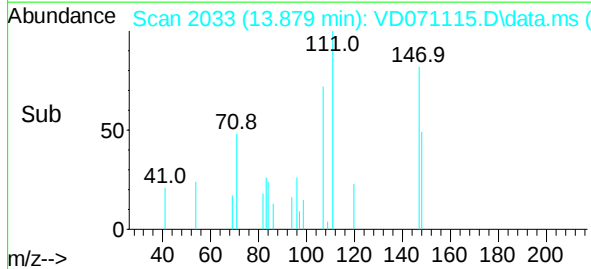
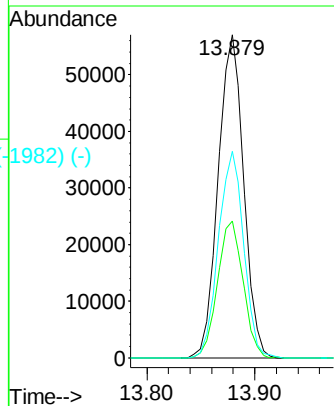
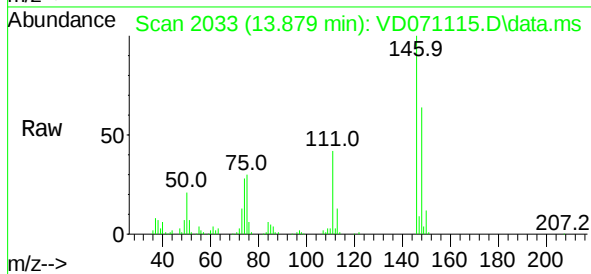
Tgt Ion: 146 Resp: 94407

Ion Ratio Lower Upper

146 100

111 42.5 20.8 62.2

148 63.3 31.7 95.1



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

1,2-Dibromo-3-Chloropropane

Concen: 18.84 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. -0.006 min

Lab File: VD071115.D

Acq: 02 Dec 2021 13:40

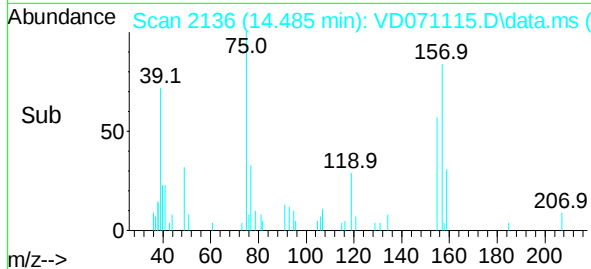
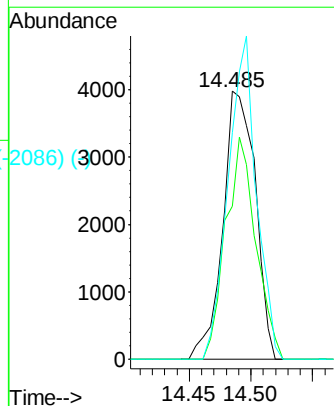
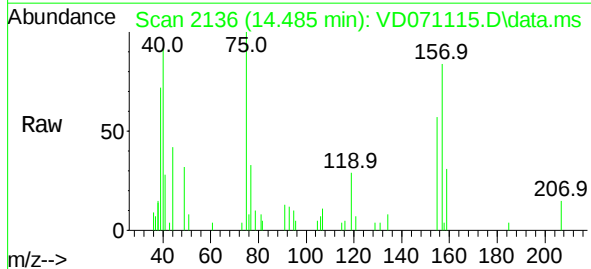
Tgt Ion: 75 Resp: 7267

Ion Ratio Lower Upper

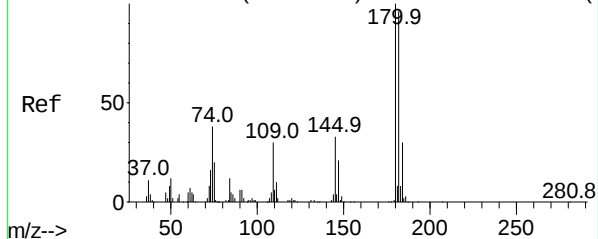
75 100

155 77.2 40.0 120.0

157 105.1 49.8 149.3



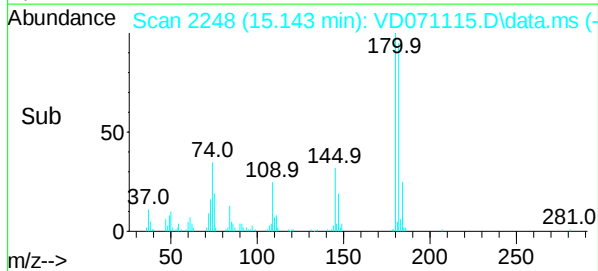
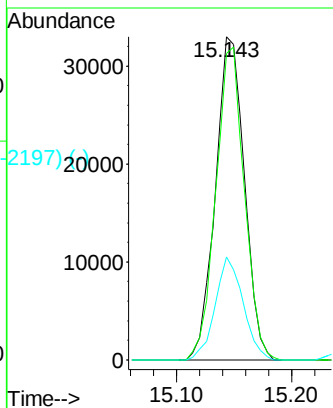
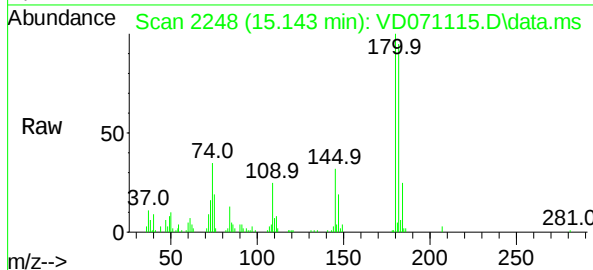
Abundance Scan 2248 (15.143 min): VD071075.D\data.ms (-2248) (-)



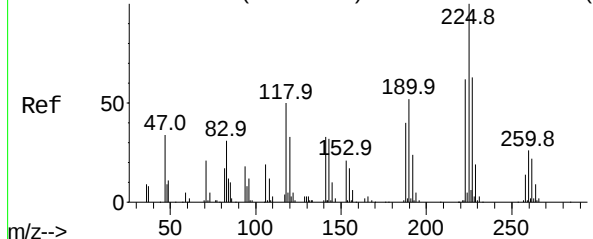
1,2,4-Trichlorobenzene
Concen: 17.56 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.2	144.6
145	30.7	15.4	46.2

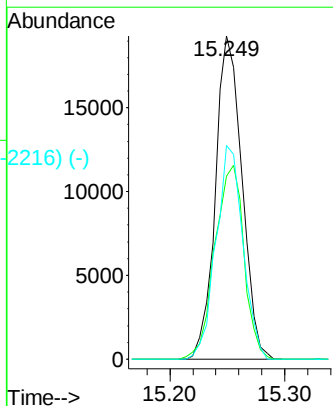
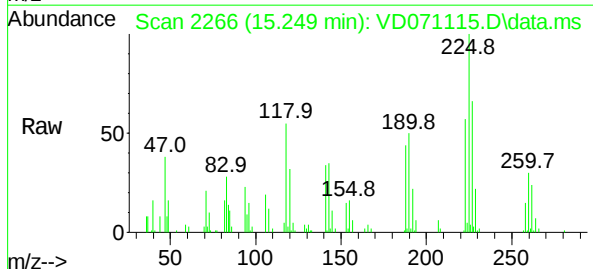


Abundance Scan 2267 (15.255 min): VD071075.D\data.ms (-2267) (-)

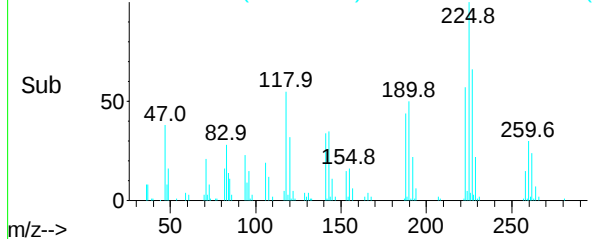


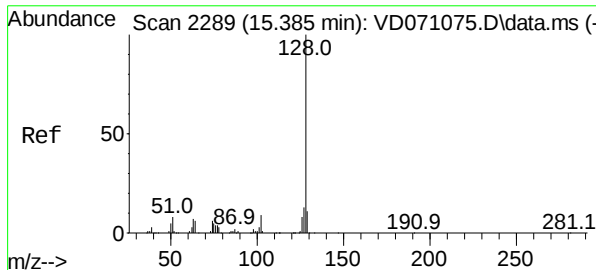
Hexachlorobutadiene
Concen: 16.64 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD071115.D
Acq: 02 Dec 2021 13:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	31.8	95.3
227	67.2	31.6	94.8



Abundance Scan 2266 (15.249 min): VD071115.D\data.ms (-2216) (-)

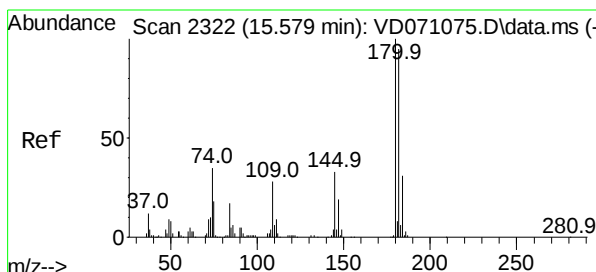
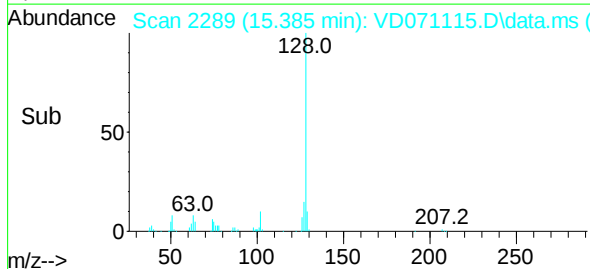
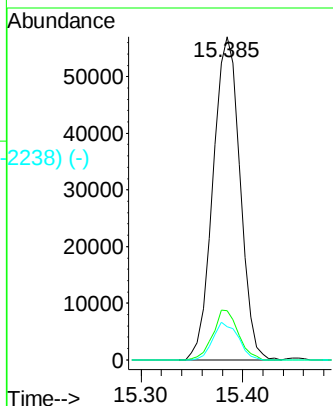
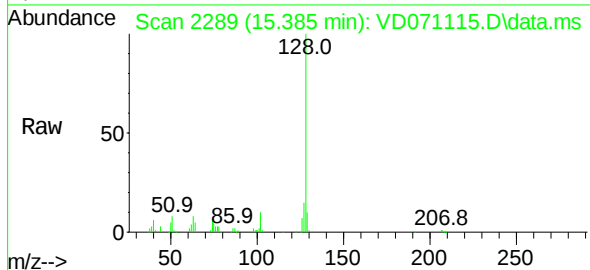




Scan 2289 (15.385 min): VD071075.D\data.ms (-2289) (-)
 Naphthalene
 Concen: 18.17 ug/l
 RT: 15.385 min Scan# 2289
 Delta R.T. -0.000 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	105339
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.7	16.1
129	10.9	8.7	13.1



Scan 2322 (15.579 min): VD071075.D\data.ms (-2322) (-)
 1,2,3-Trichlorobenzene
 Concen: 18.06 ug/l
 RT: 15.579 min Scan# 2322
 Delta R.T. -0.000 min
 Lab File: VD071115.D
 Acq: 02 Dec 2021 13:40

Tgt Ion:	180	Resp:	50446
Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.7	140.1
145	33.5	15.9	47.6

