

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067054.D
 Acq On : 03 Oct 2020 01:05
 Operator : VA/SY
 Sample : VD1002SBSD02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBSD02

Quant Time: Oct 03 05:42:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	416411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	677860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	641426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	306892	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	216528	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
35) Dibromofluoromethane	7.91	113	232715	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
50) Toluene-d8	10.34	98	860211	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.63	95	289775	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	81452	21.469	ug/l	94
3) Chloromethane	2.21	50	69873	21.070	ug/l	98
4) Vinyl Chloride	2.35	62	66022	19.855	ug/l	96
5) Bromomethane	2.76	94	50342	20.974	ug/l	97
6) Chloroethane	2.92	64	41628	20.557	ug/l	97
7) Trichlorofluoromethane	3.27	101	149335	20.214	ug/l	99
8) Diethyl Ether	3.71	74	39724	21.684	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	81413	19.497	ug/l	99
10) Methyl Iodide	4.30	142	81063	19.980	ug/l	98
11) Tert butyl alcohol	5.21	59	30438	100.417	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	80081	20.401	ug/l	98
13) Acrolein	3.92	56	22867	85.145	ug/l	99
14) Allyl chloride	4.71	41	104407	20.474	ug/l	99
15) Acrylonitrile	5.43	53	74370	110.300	ug/l	97
16) Acetone	4.16	43	65068	106.275	ug/l	92
17) Carbon Disulfide	4.40	76	249001	20.670	ug/l	98
18) Methyl Acetate	4.71	43	41700	27.099	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	162406	22.664	ug/l	93
20) Methylene Chloride	4.96	84	115255	22.531	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	96803	21.669	ug/l	97
22) Diisopropyl ether	6.36	45	208526	22.399	ug/l	96
23) Vinyl Acetate	6.30	43	535973	101.597	ug/l	99
24) 1,1-Dichloroethane	6.26	63	154932	21.564	ug/l	96
25) 2-Butanone	7.21	43	89042	102.578	ug/l	97
26) 2,2-Dichloropropane	7.21	77	122825	17.294	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	105231	22.056	ug/l	95
28) Bromochloromethane	7.55	49	55159	19.879	ug/l	92
29) Tetrahydrofuran	7.56	42	54390	108.973	ug/l	98
30) Chloroform	7.71	83	171718	22.032	ug/l	98
31) Cyclohexane	7.98	56	115145	19.116	ug/l #	95
32) 1,1,1-Trichloroethane	7.90	97	149946	20.759	ug/l	99
36) 1,1-Dichloropropene	8.11	75	122663	19.414	ug/l	99
37) Ethyl Acetate	7.28	43	42283	19.317	ug/l	97
38) Carbon Tetrachloride	8.09	117	134730	19.708	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	121287	18.156	ug/l	95
40) Benzene	8.35	78	362811	20.673	ug/l	98
41) Methacrylonitrile	7.56	41	56768	48.006	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	101324	20.662	ug/l	100
43) Isopropyl Acetate	8.45	43	82161	20.375	ug/l	97
44) Trichloroethene	9.11	130	109388	20.874	ug/l	100
45) 1,2-Dichloropropane	9.38	63	88205	21.391	ug/l	96
46) Dibromomethane	9.47	93	51919	21.907	ug/l	98
47) Bromodichloromethane	9.66	83	127890	20.759	ug/l	98
48) Methyl methacrylate	9.46	41	38392	18.584	ug/l #	78
49) 1,4-Dioxane	9.46	88	10394	420.211	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	213260	106.178	ug/l	99
52) Toluene	10.40	92	242042	21.410	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	115668	21.008	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	138279	20.567	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	70060	21.262	ug/l	93
56) Ethyl methacrylate	10.66	69	74661	21.947	ug/l	97
57) 1,3-Dichloropropane	10.94	76	117040	21.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	210503	111.175	ug/l	100
59) 2-Hexanone	10.98	43	141099	105.253	ug/l	99
60) Dibromochloromethane	11.14	129	97058	22.100	ug/l	97
61) 1,2-Dibromoethane	11.24	107	69203	21.861	ug/l	100
64) Tetrachloroethene	10.87	164	95751	20.533	ug/l	95
65) Chlorobenzene	11.67	112	261524	20.500	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	101188	20.852	ug/l	100
67) Ethyl Benzene	11.74	91	443002	20.267	ug/l	98
68) m/p-Xylenes	11.86	106	348206	40.877	ug/l	98
69) o-Xylene	12.18	106	157512	20.677	ug/l	99
70) Styrene	12.20	104	278308	21.276	ug/l	99
71) Bromoform	12.36	173	55107	21.877	ug/l #	99
73) Isopropylbenzene	12.48	105	421447	20.225	ug/l	99
74) N-amyl acetate	12.28	43	71934	19.203	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	72103	20.536	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	92141	34.469	ug/l #	100
77) Bromobenzene	12.76	156	109993	21.860	ug/l	97
78) n-propylbenzene	12.82	91	500782	20.334	ug/l	99
79) 2-Chlorotoluene	12.91	91	294242	20.882	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	373888	21.236	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	20497	19.117	ug/l	97
82) 4-Chlorotoluene	13.01	91	308611	20.586	ug/l	99
83) tert-Butylbenzene	13.23	119	296248	19.982	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	372326	21.191	ug/l	99
85) sec-Butylbenzene	13.40	105	418874	20.062	ug/l	100
86) p-Isopropyltoluene	13.52	119	394385	20.374	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	207639	21.186	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	203329	20.748	ug/l	99
89) n-Butylbenzene	13.85	91	339794	19.208	ug/l	99
90) Hexachloroethane	14.11	117	68609	20.235	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	180247	21.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11889	21.007	ug/l	96

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QLast Update : Thu Oct 01 15:19:17 2020
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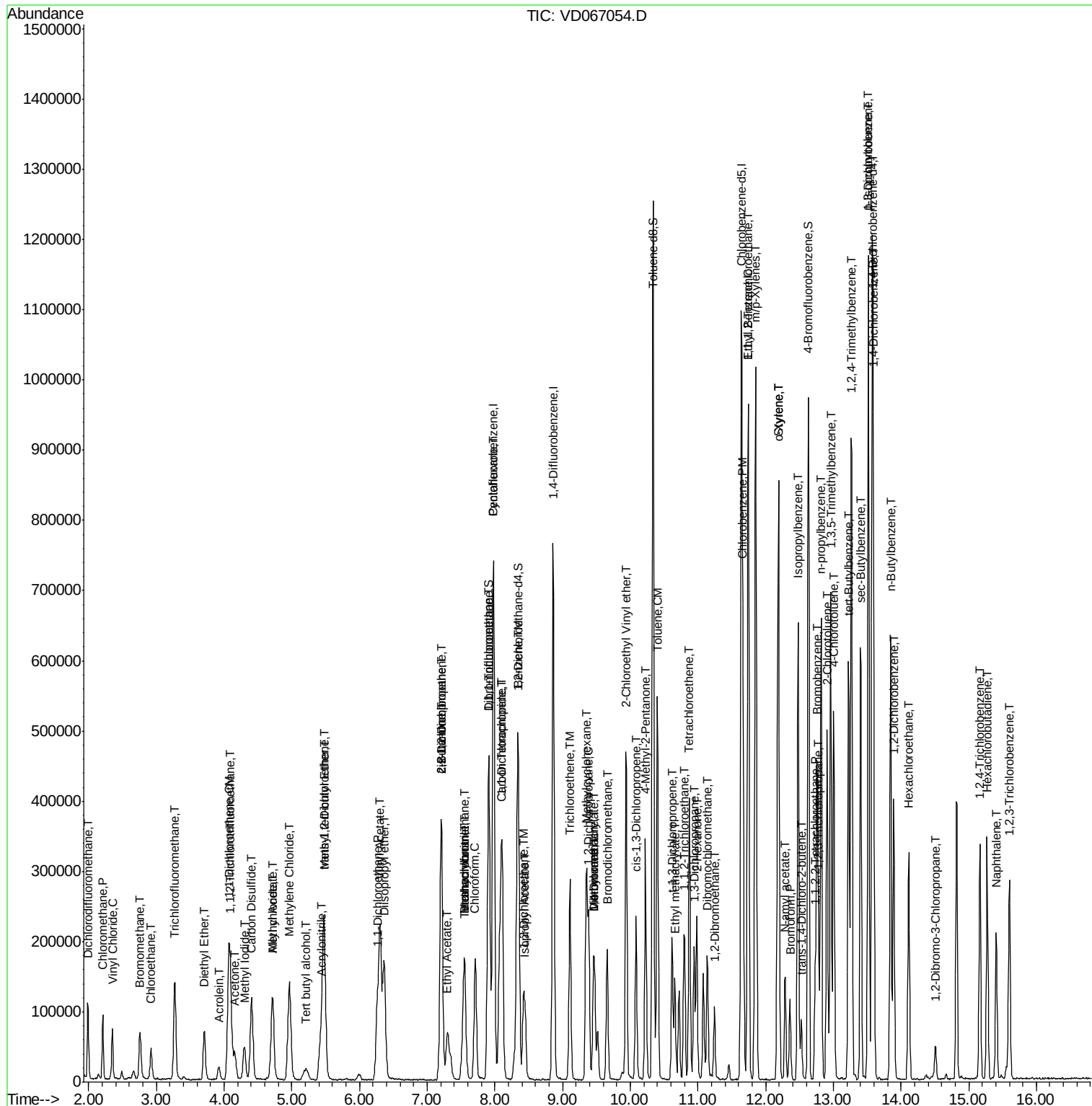
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	115821	20.919	ug/l	98
94) Hexachlorobutadiene	15.27	225	66628	19.595	ug/l	97
95) Naphthalene	15.41	128	186072	20.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	99523	20.707	ug/l	98

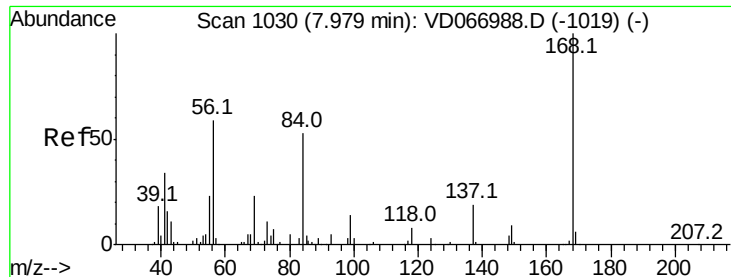
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

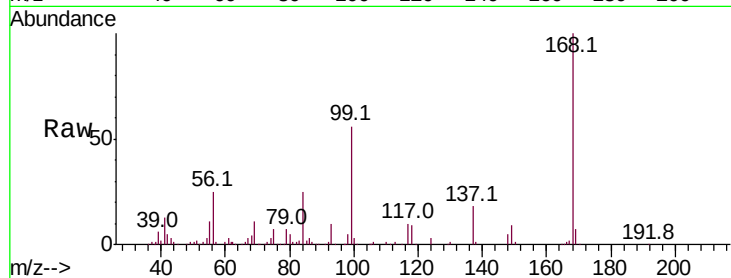
VD1002SBSD02

Tot Ion:168 Resp: 416411

Ion Ratio Lower Upper

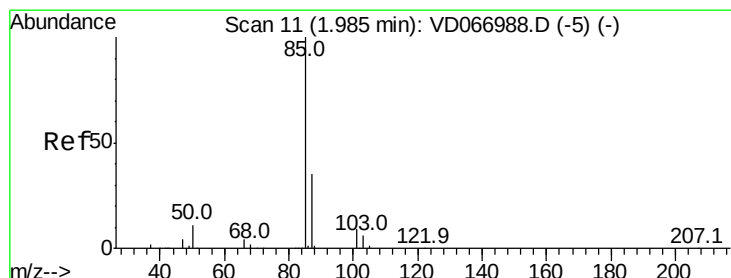
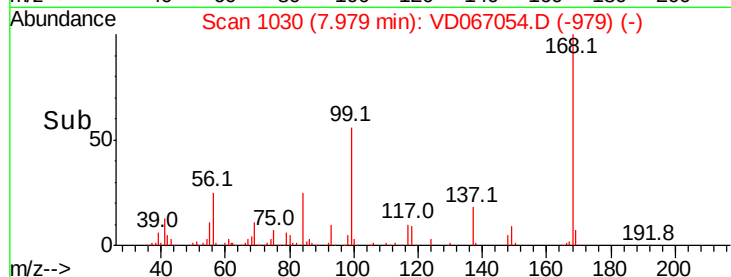
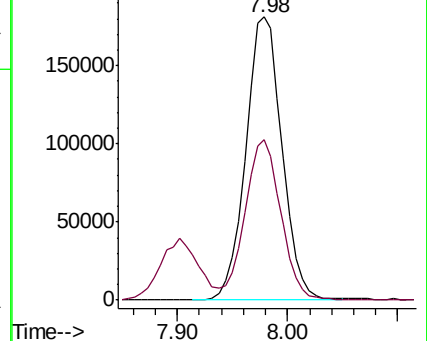
168 100

99 56.2 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.469 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD067054.D

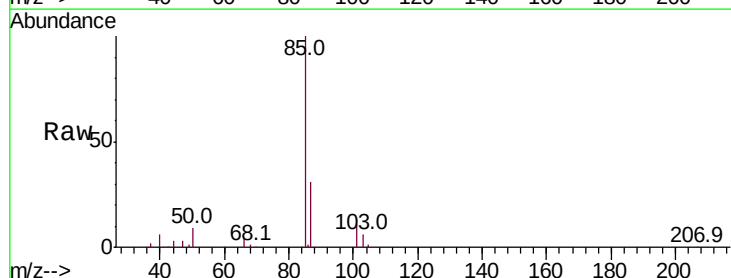
Acq: 03 Oct 2020 01:05

Tgt Ion: 85 Resp: 81452

Ion Ratio Lower Upper

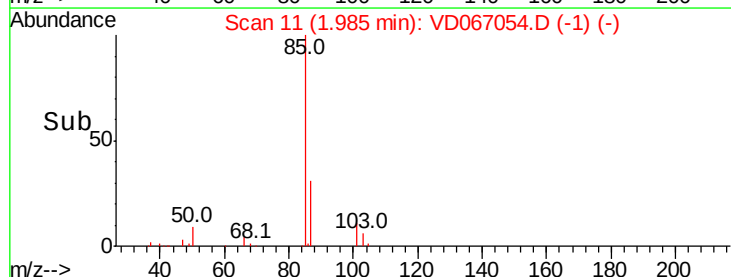
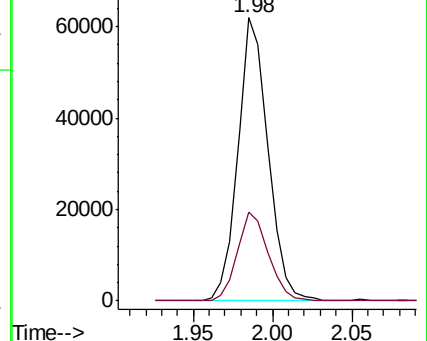
85 100

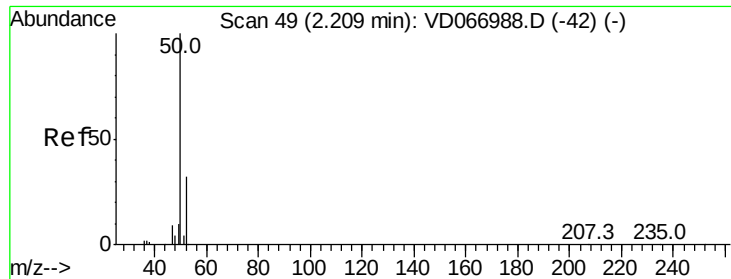
87 31.5 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.070 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

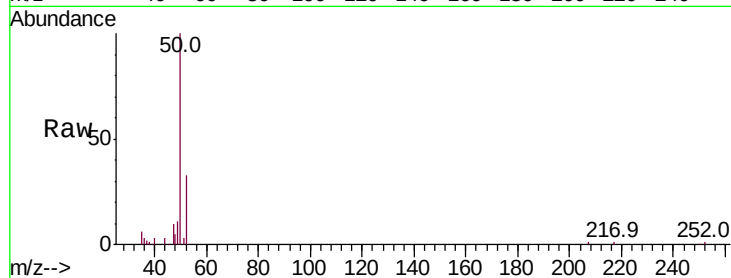
VD1002SBSD02

Tot Ion: 50 Resp: 69873

Ion Ratio Lower Upper

50 100

52 32.7 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

60000

50000

40000

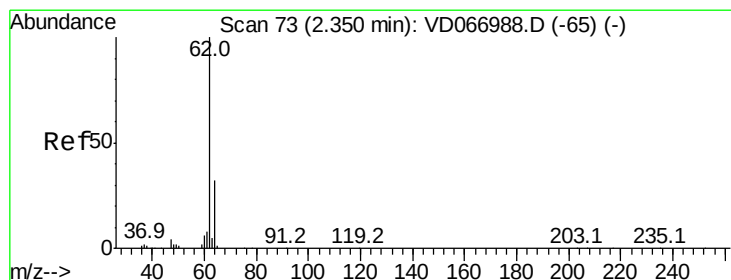
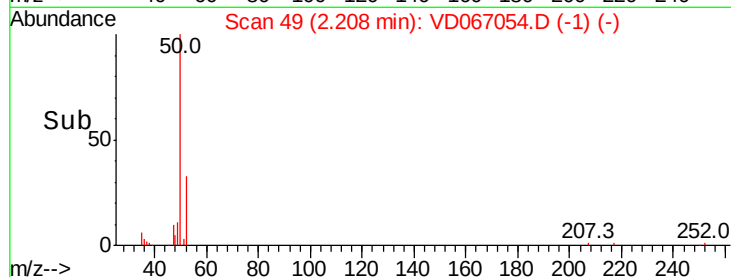
30000

20000

10000

0

Time--> 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 19.855 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067054.D

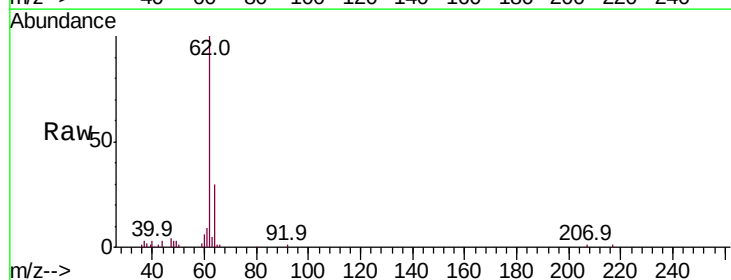
Acq: 03 Oct 2020 01:05

Tgt Ion: 62 Resp: 66022

Ion Ratio Lower Upper

62 100

64 29.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

50000

40000

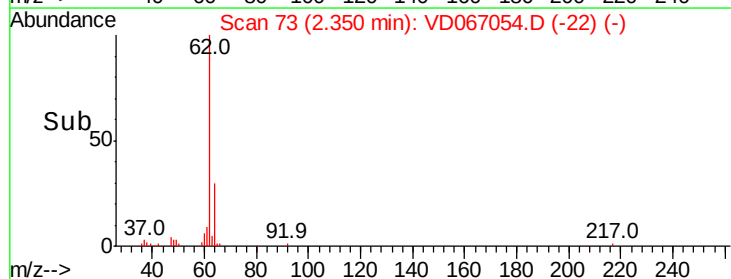
30000

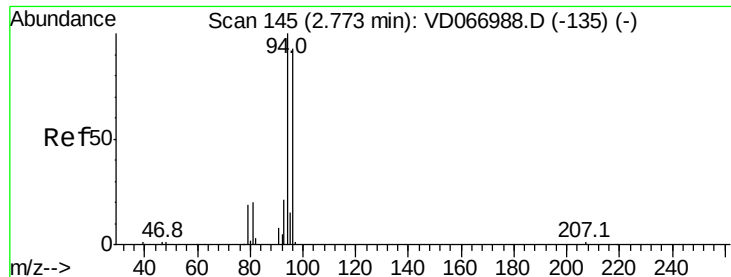
20000

10000

0

Time--> 2.25 2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 20.974 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

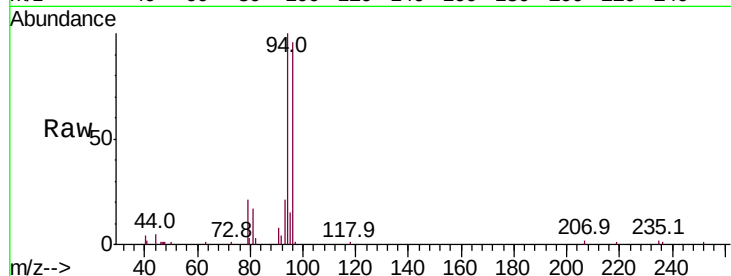
VD1002SBSD02

Tot Ion: 94 Resp: 50342

Ion Ratio Lower Upper

94 100

96 95.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

25000

20000

15000

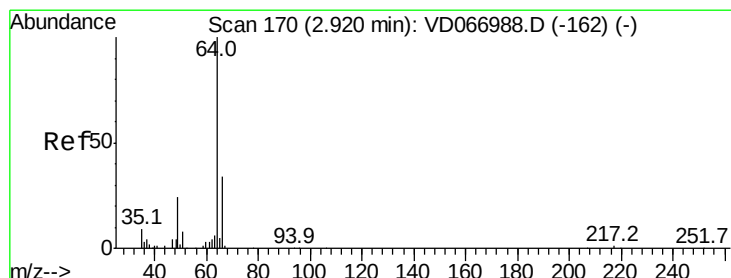
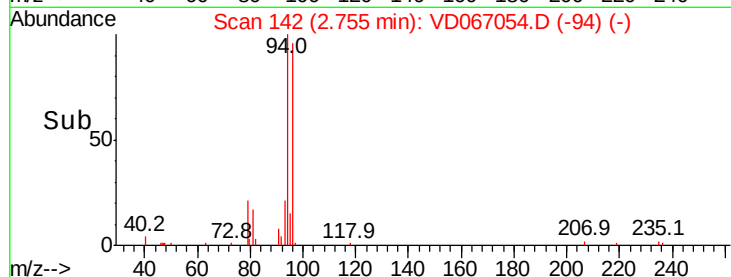
10000

5000

0

Time--> 2.65 2.70 2.75 2.80 2.85

2.76



#6

Chloroethane

Concen: 20.557 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD067054.D

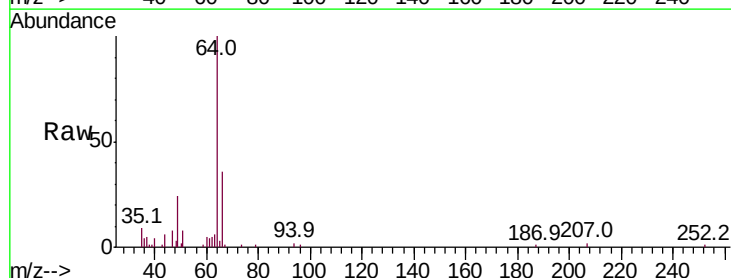
Acq: 03 Oct 2020 01:05

Tgt Ion: 64 Resp: 41628

Ion Ratio Lower Upper

64 100

66 35.5 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

20000

15000

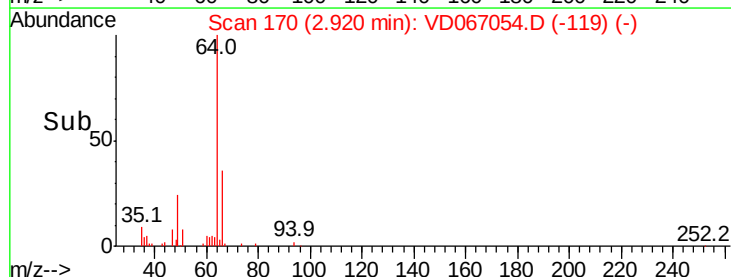
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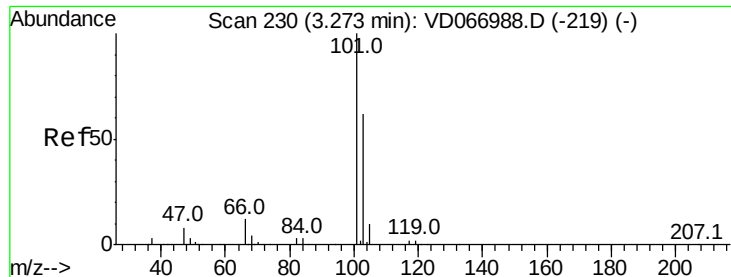
5000

0

Time--> 2.85 2.90 2.95 3.00

2.92



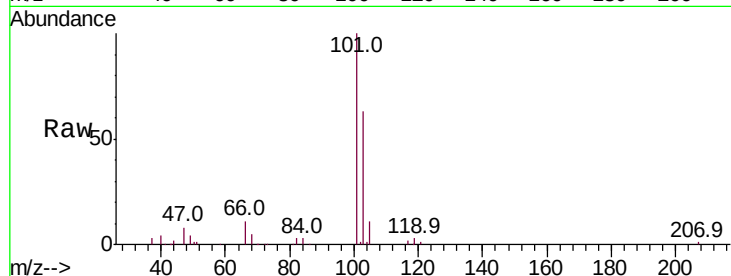


#7

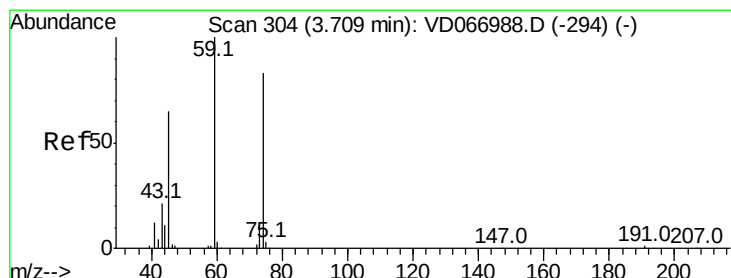
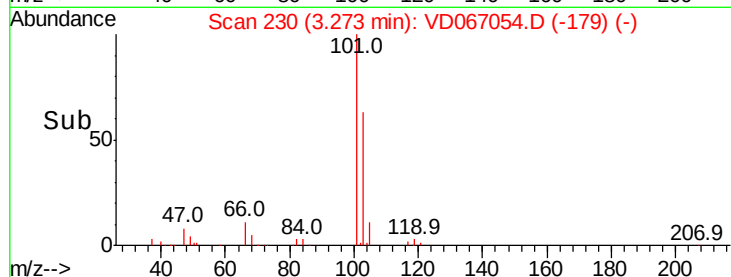
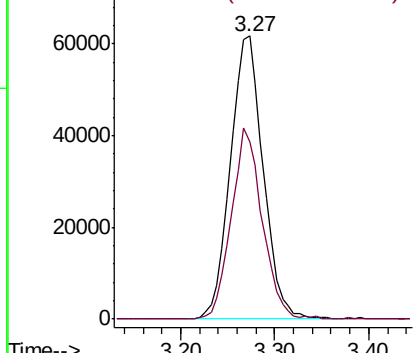
Trichlorofluoromethane
Concen: 20.214 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

Tot Ion:101 Resp: 149335
Ion Ratio Lower Upper
101 100
103 62.8 49.8 74.8



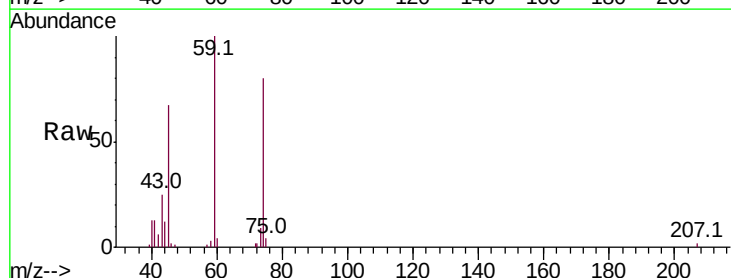
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



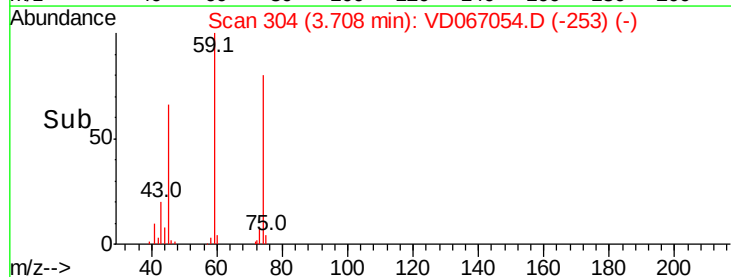
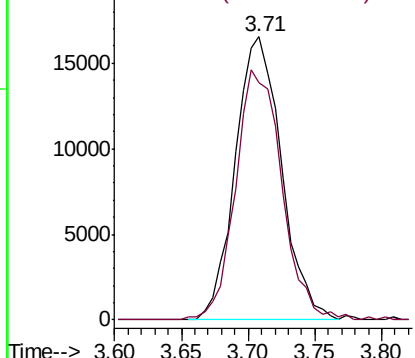
#8

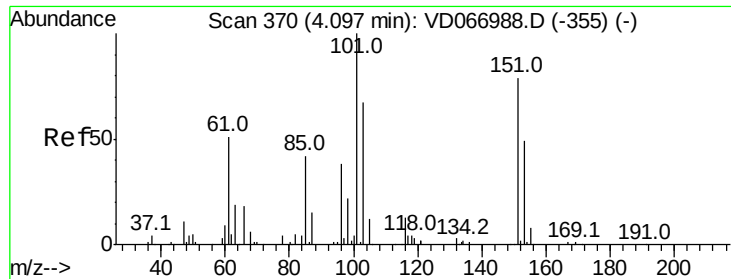
Diethyl Ether
Concen: 21.684 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion: 74 Resp: 39724
Ion Ratio Lower Upper
74 100
45 88.5 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.497 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

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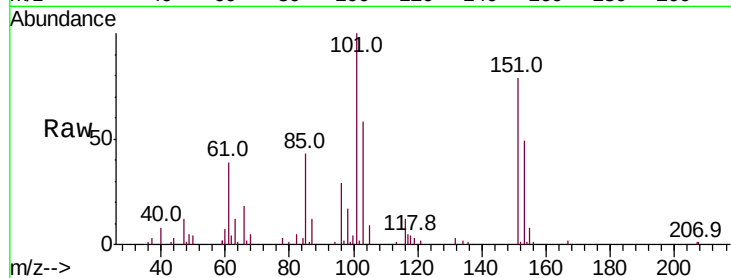
Tot Ion:101 Resp: 81413

Ion Ratio Lower Upper

101 100

85 44.1 33.8 50.8

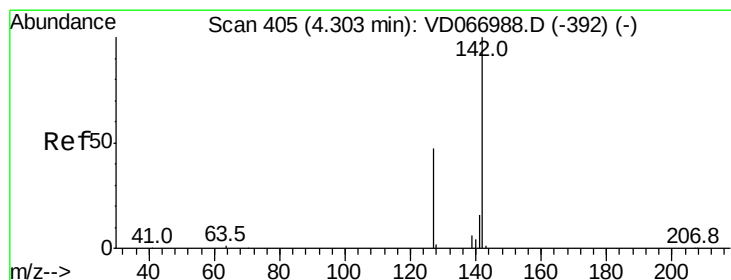
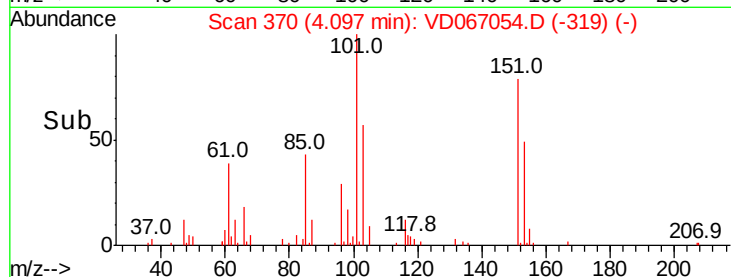
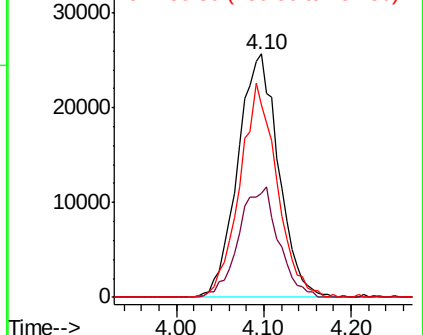
151 80.2 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.980 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

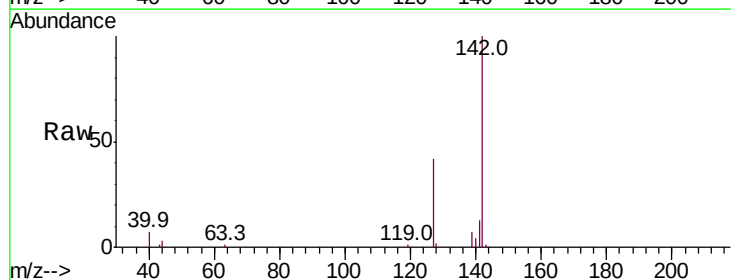
Tgt Ion:142 Resp: 81063

Ion Ratio Lower Upper

142 100

127 44.1 36.3 54.5

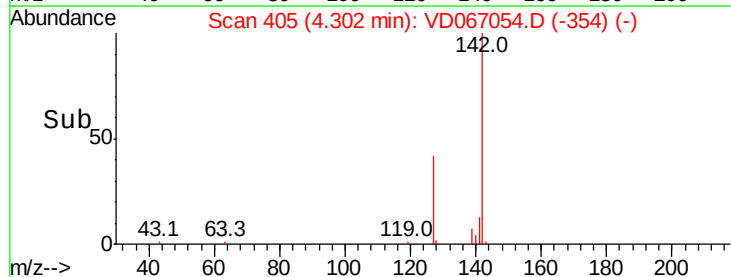
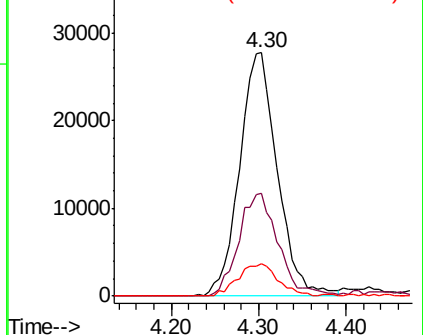
141 14.1 12.0 18.0

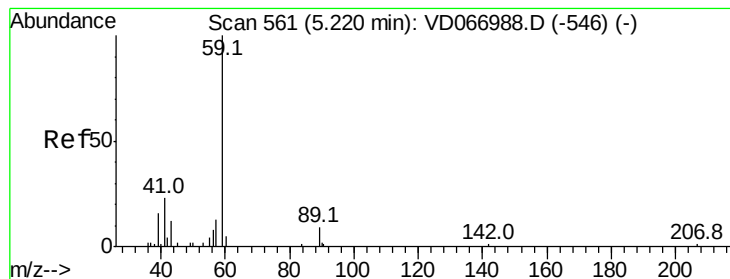


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 100.417 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

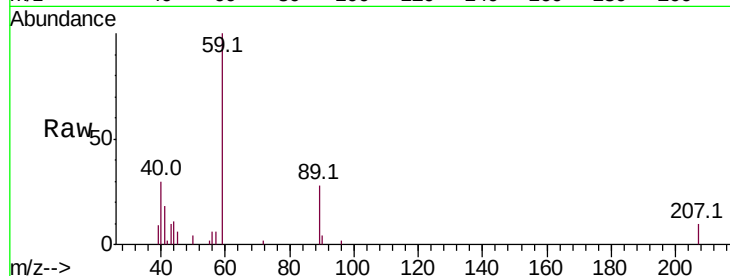
VD1002SBSD02

Tot Ion: 59 Resp: 30438

Ion Ratio Lower Upper

59 100

57 7.4 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

8000

6000

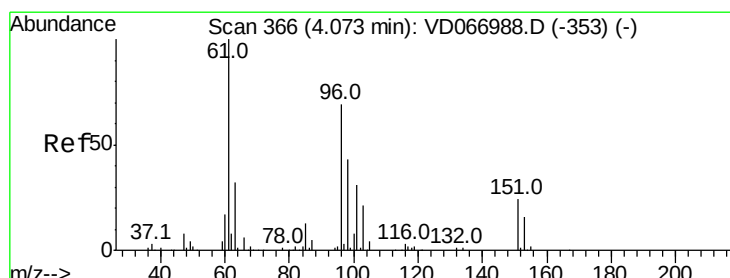
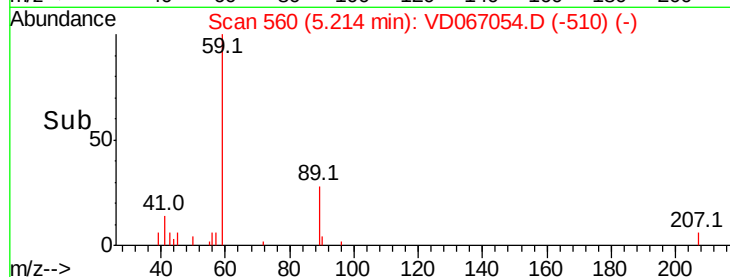
4000

2000

0

5.10 5.20 5.30

Time-->



#12

1,1-Dichloroethene

Concen: 20.401 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.01 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

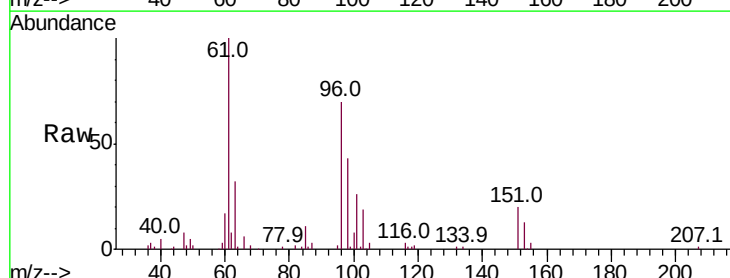
Tgt Ion: 96 Resp: 80081

Ion Ratio Lower Upper

96 100

61 143.2 116.4 174.6

98 60.9 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

50000

40000

30000

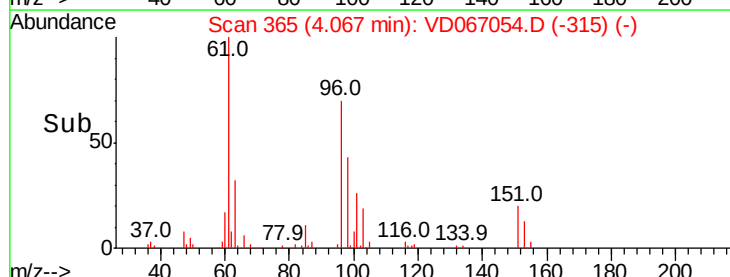
20000

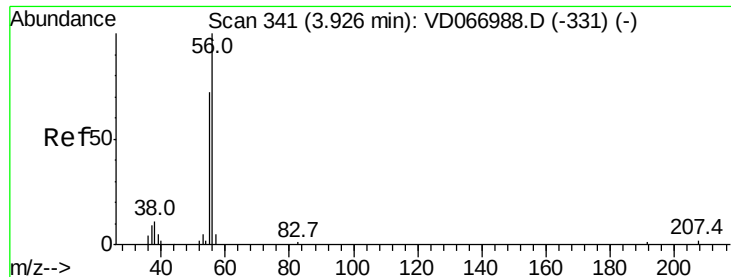
10000

0

4.00 4.10

Time-->





#13

Acrolein

Concen: 85.145 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

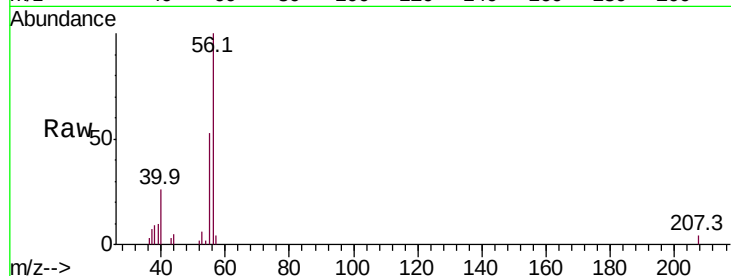
VD1002SBSD02

Tot Ion: 56 Resp: 22867

Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

10000

8000

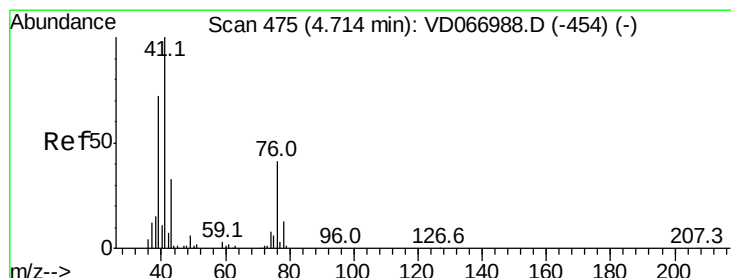
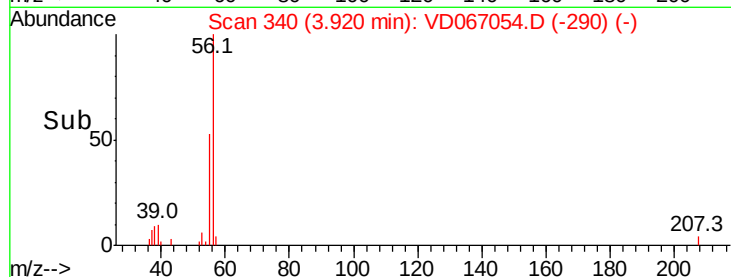
6000

4000

2000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 20.474 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

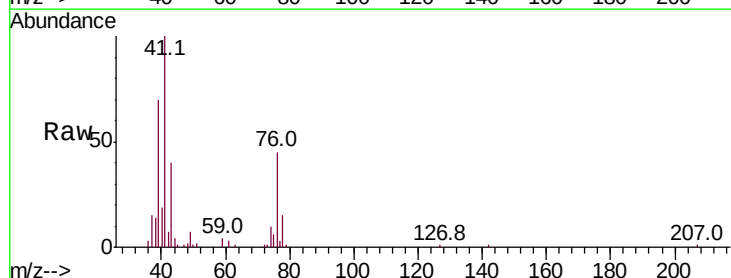
Tgt Ion: 41 Resp: 104407

Ion Ratio Lower Upper

41 100

39 69.3 56.2 84.2

76 43.9 34.2 51.2



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

40000

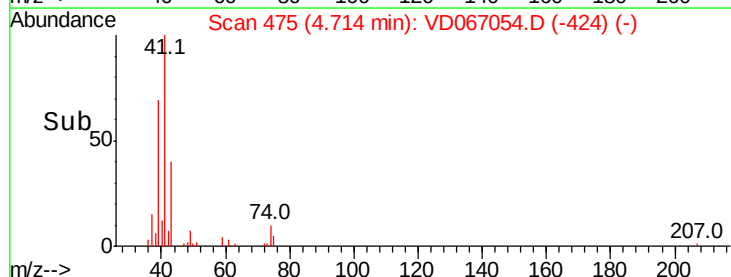
30000

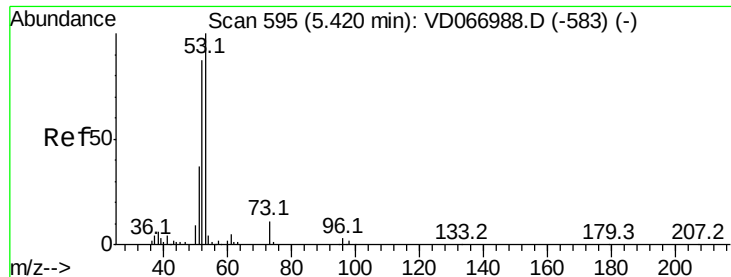
20000

10000

0

Time--> 4.50 4.60 4.70 4.80 4.90





#15

Acrylonitrile

Concen: 110.300 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBSD02

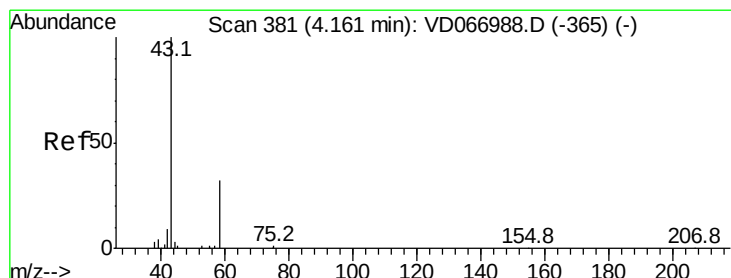
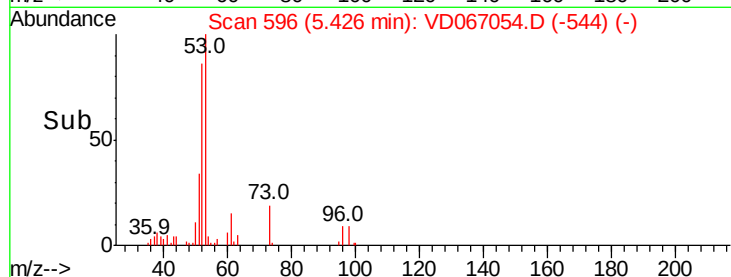
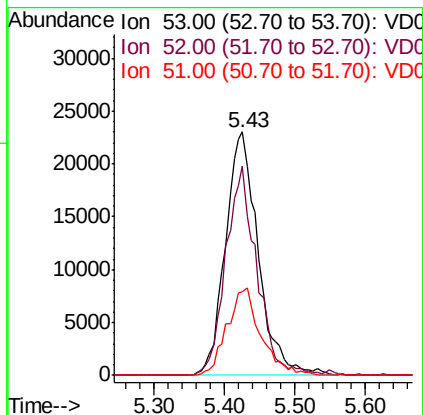
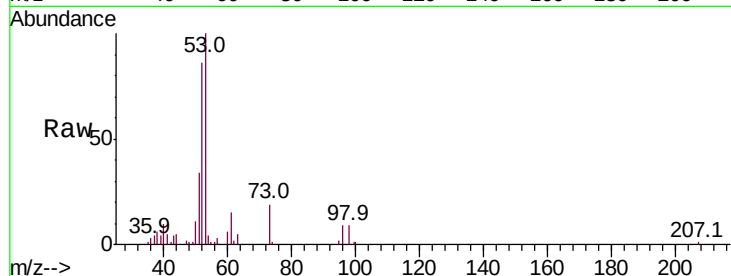
Tot Ion: 53 Resp: 74370

Ion Ratio Lower Upper

53 100

52 80.9 67.3 100.9

51 37.0 30.2 45.2



#16

Acetone

Concen: 106.275 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067054.D

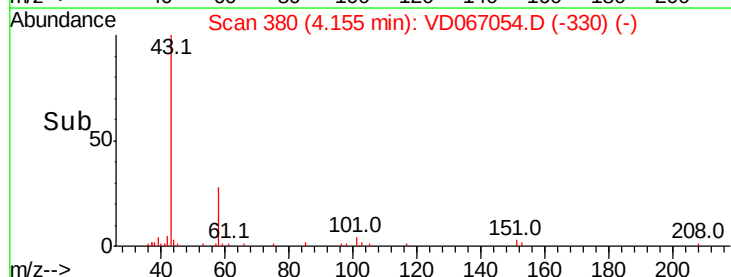
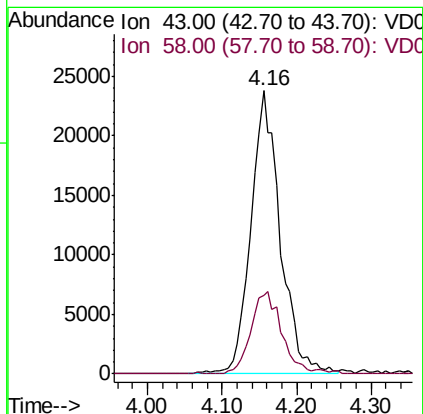
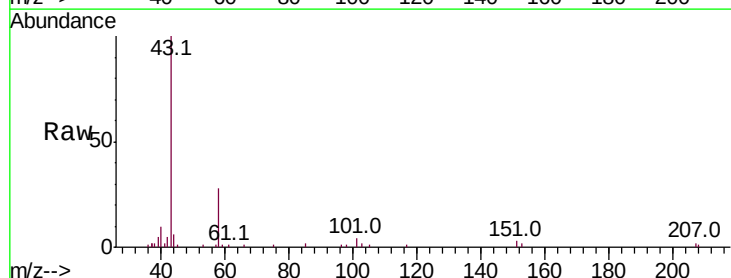
Acq: 03 Oct 2020 01:05

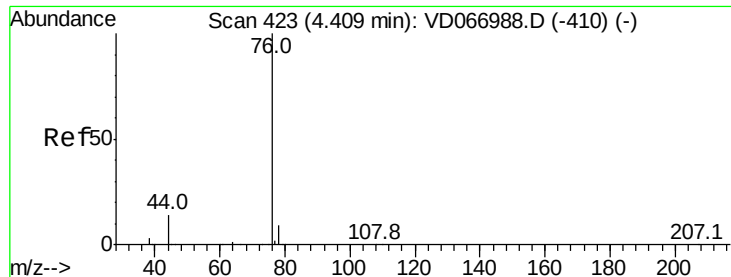
Tgt Ion: 43 Resp: 65068

Ion Ratio Lower Upper

43 100

58 27.8 25.9 38.9

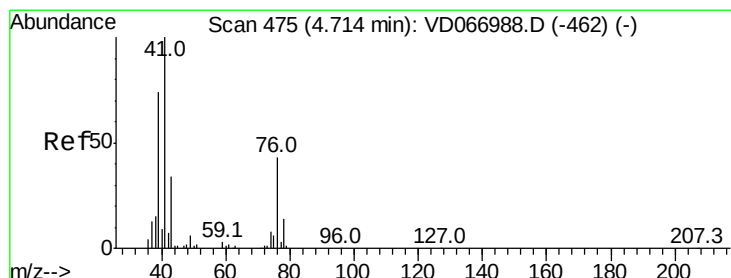
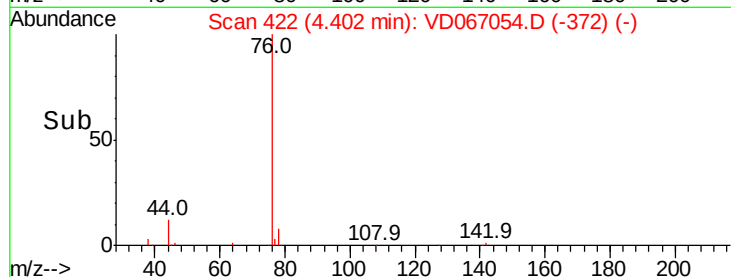
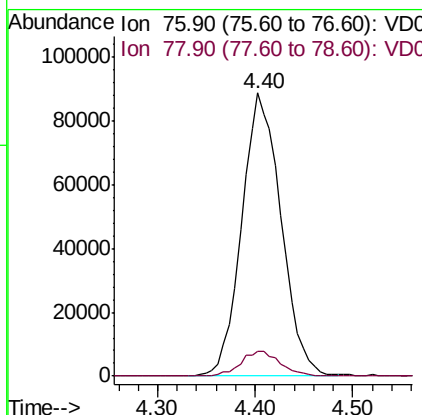
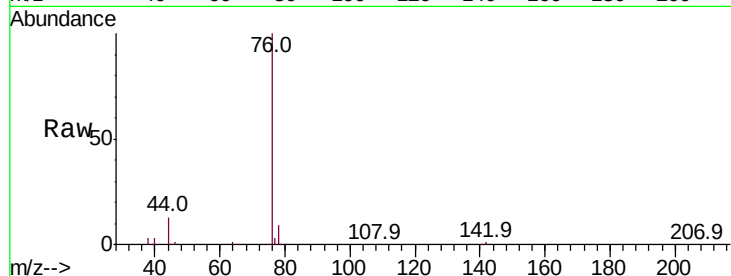




#17
Carbon Disulfide
Concen: 20.670 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

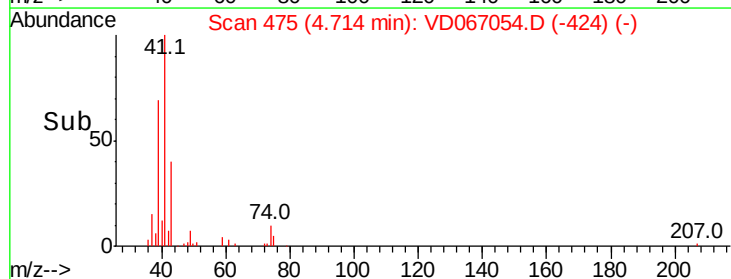
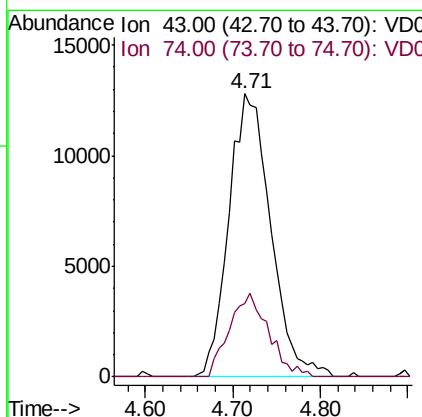
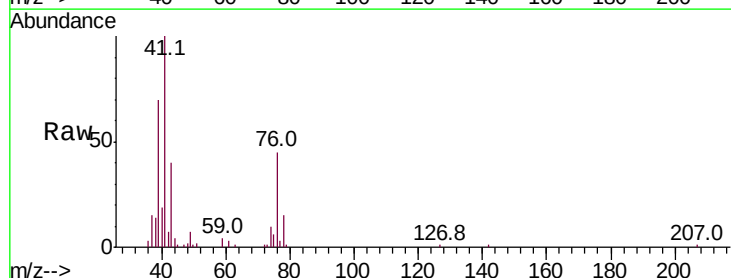
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

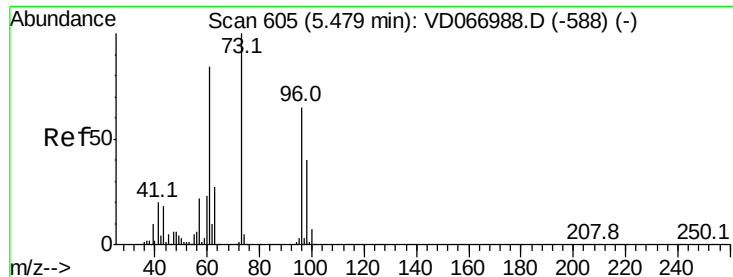
Tot Ion: 76 Resp: 249001
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 27.099 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion: 43 Resp: 41700
Ion Ratio Lower Upper
43 100
74 27.6 21.5 32.3



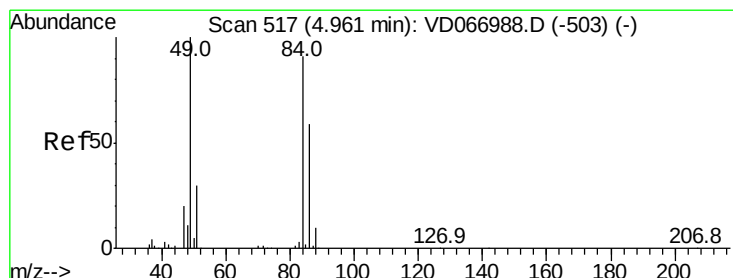
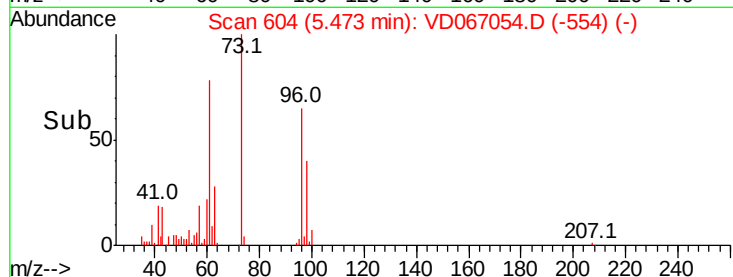
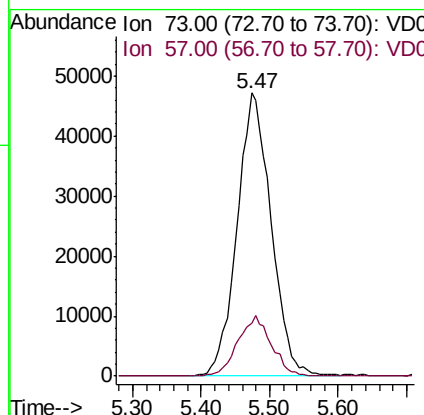
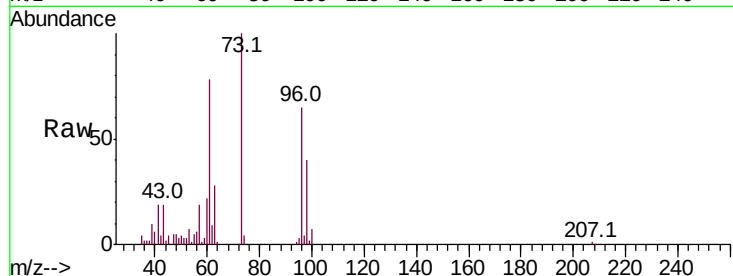


#19

Methyl tert-butyl Ether
 Concen: 22.664 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBSD02

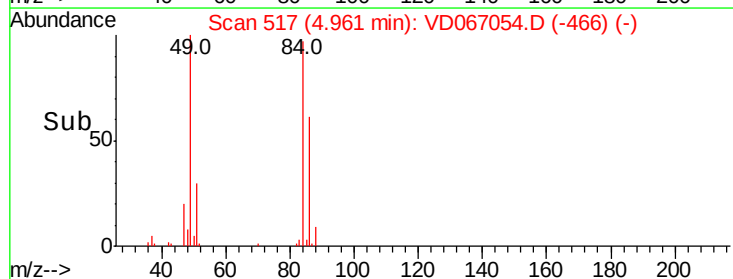
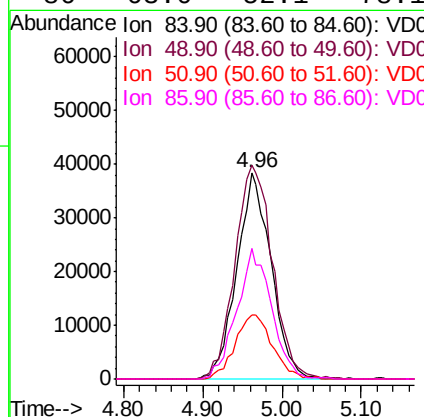
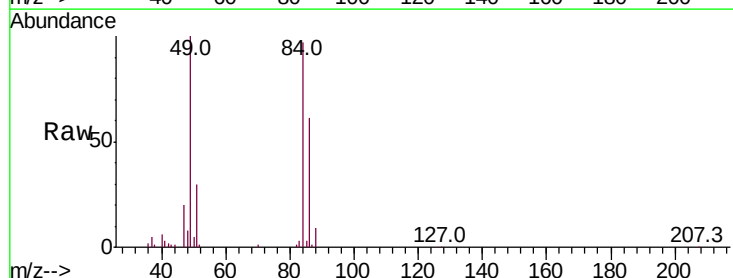
Tot Ion: 73 Resp: 162406
 Ion Ratio Lower Upper
 73 100
 57 18.6 17.4 26.0

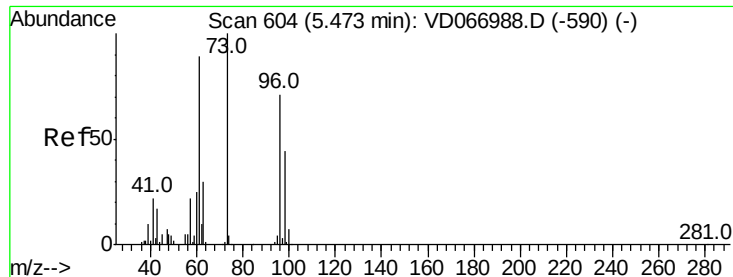


#20

Methylene Chloride
 Concen: 22.531 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

Tgt Ion: 84 Resp: 115255
 Ion Ratio Lower Upper
 84 100
 49 103.3 88.2 132.2
 51 31.2 26.6 39.8
 86 63.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 21.669 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBSD02

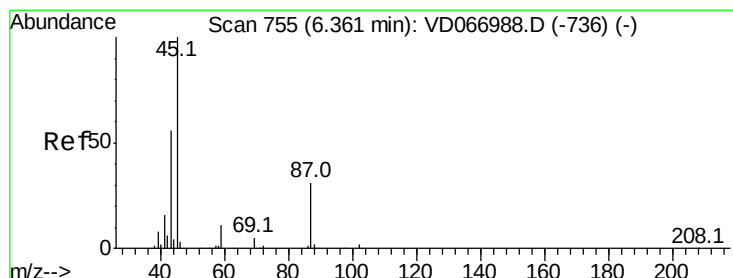
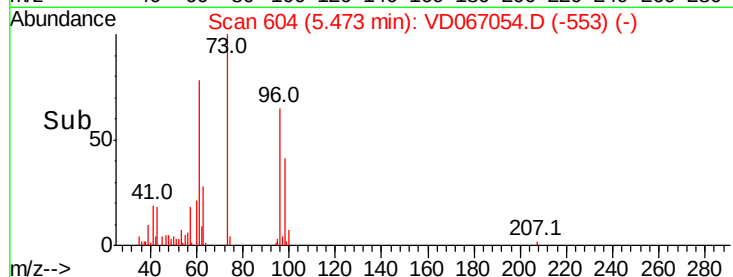
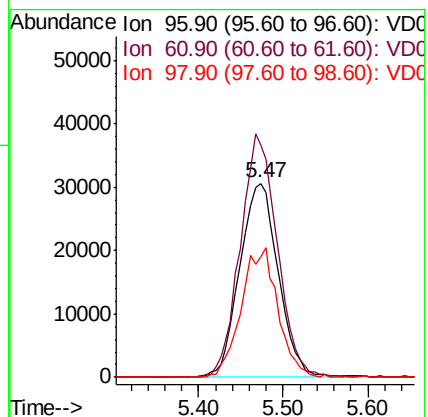
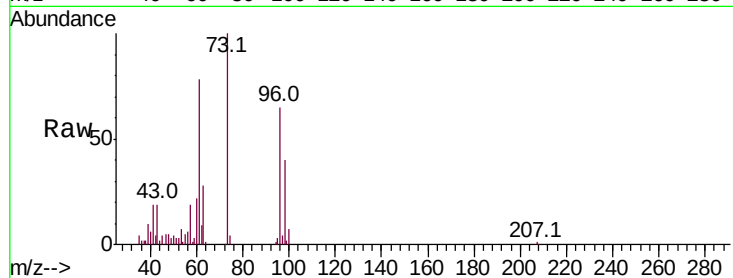
Tot Ion: 96 Resp: 96803

Ion Ratio Lower Upper

96 100

61 119.2 99.6 149.4

98 62.0 49.4 74.2



#22

Diisopropyl ether

Concen: 22.399 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Tgt Ion: 45 Resp: 208526

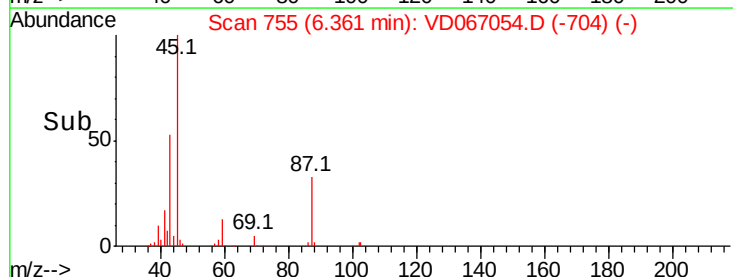
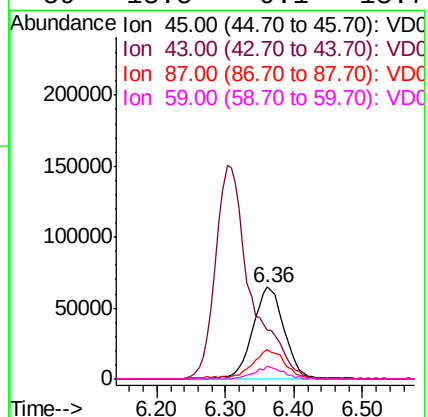
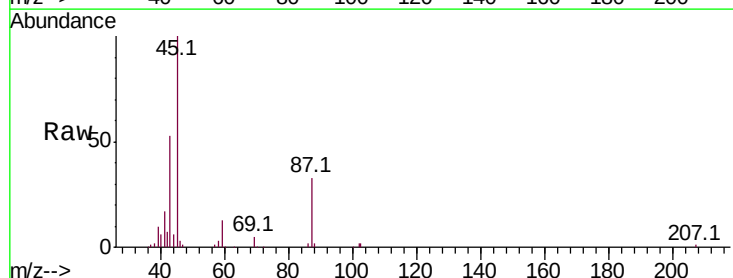
Ion Ratio Lower Upper

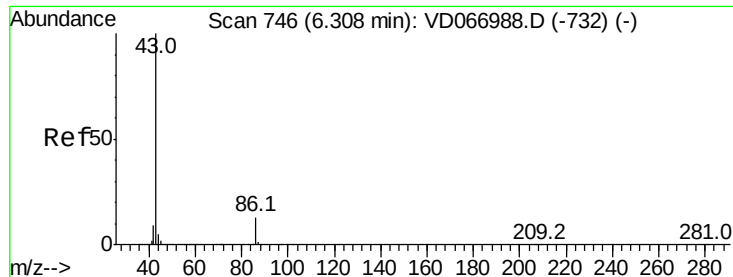
45 100

43 51.9 45.2 67.8

87 32.6 25.6 38.4

59 13.5 9.1 13.7





#23

Vinyl Acetate

Concen: 101.597 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

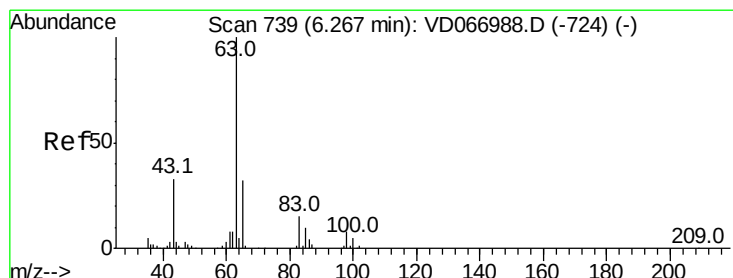
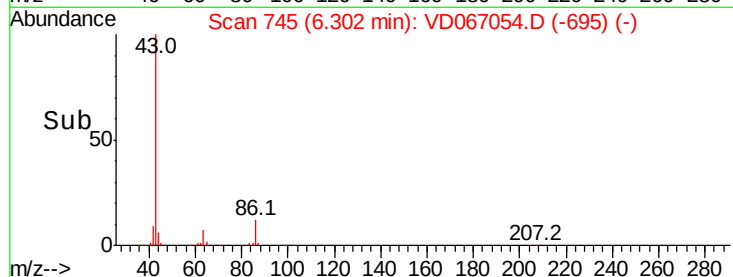
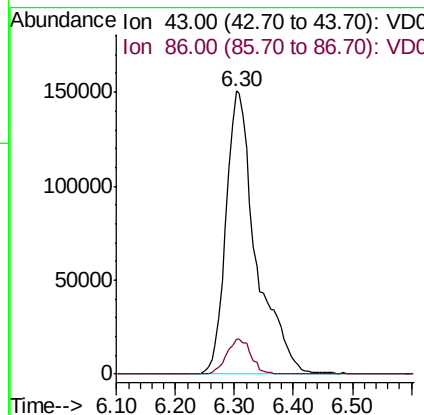
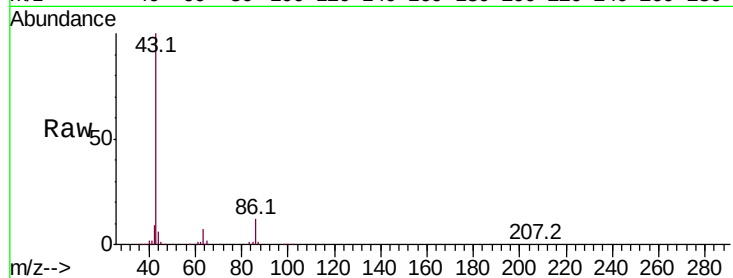
VD1002SBSD02

Tot Ion: 43 Resp: 535973

Ion Ratio Lower Upper

43 100

86 12.3 10.2 15.2



#24

1,1-Dichloroethane

Concen: 21.564 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

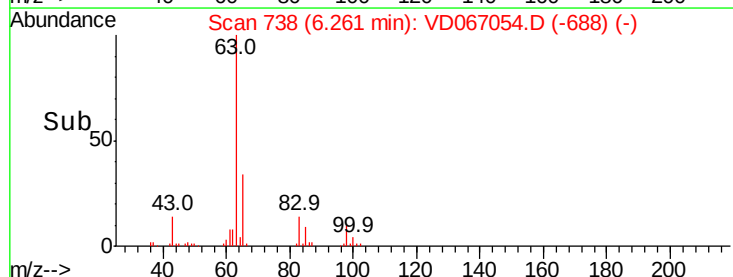
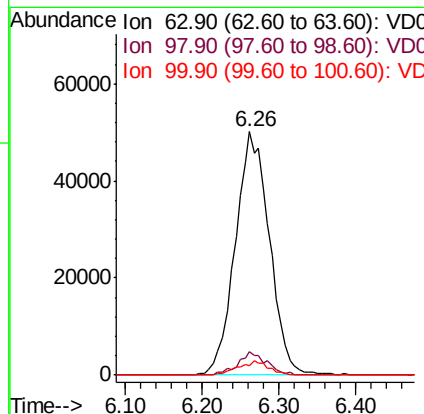
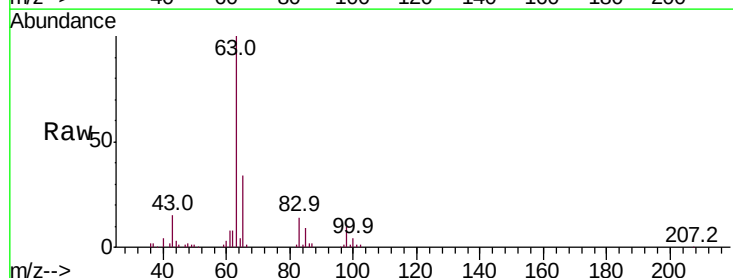
Tgt Ion: 63 Resp: 154932

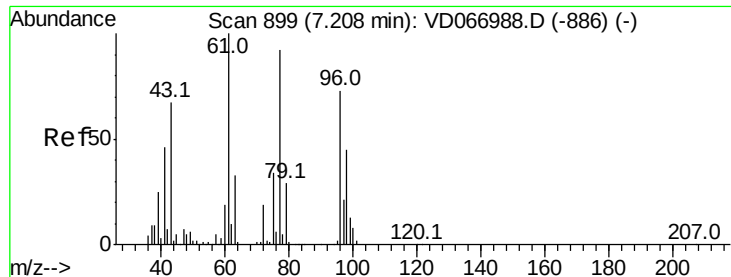
Ion Ratio Lower Upper

63 100

98 9.6 4.2 12.6

100 3.7 2.6 7.8

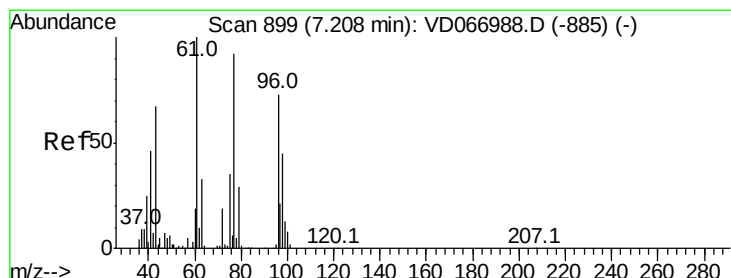
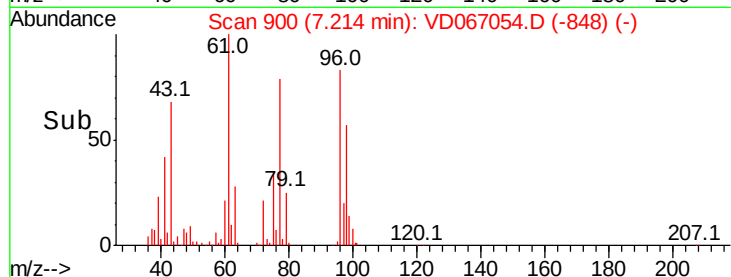
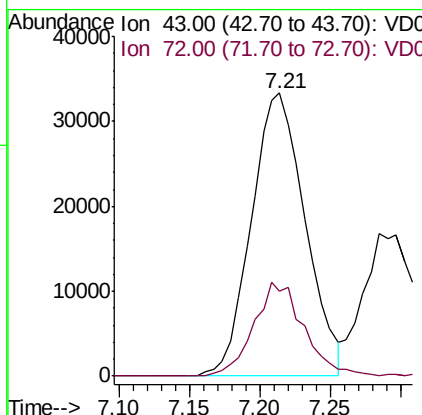
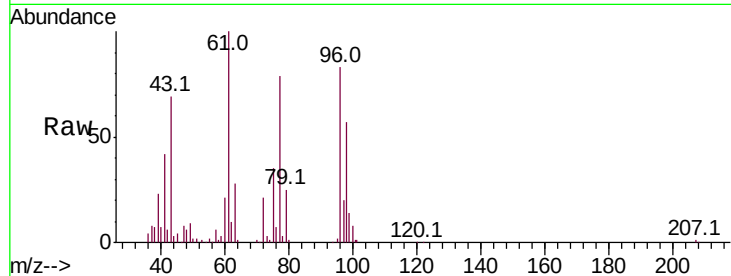




#25
2-Butanone
Concen: 102.578 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

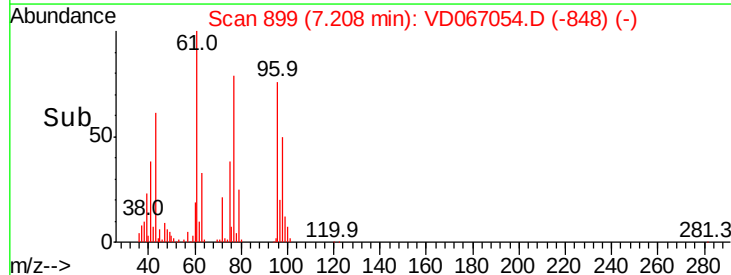
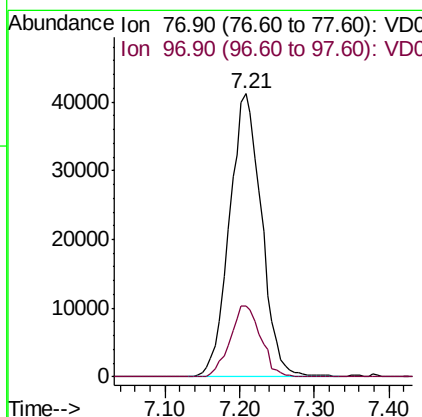
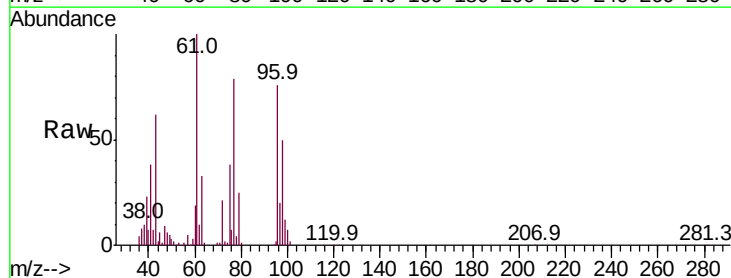
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

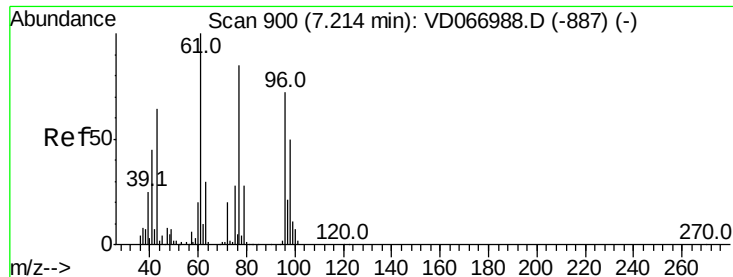
Tot Ion: 43 Resp: 89042
Ion Ratio Lower Upper
43 100
72 30.2 22.8 34.2



#26
2,2-Dichloropropane
Concen: 17.294 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion: 77 Resp: 122825
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.2



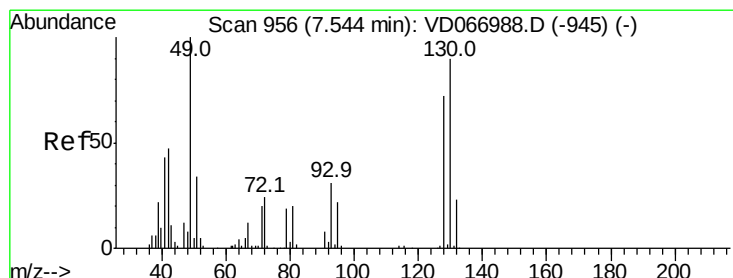
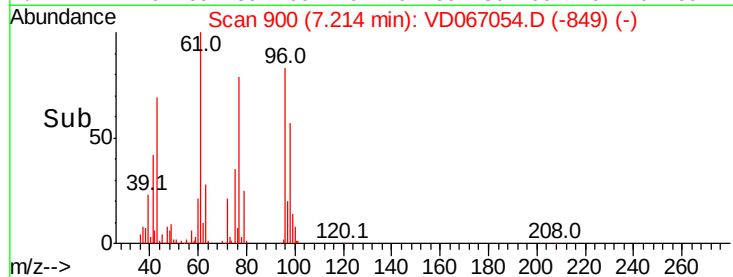
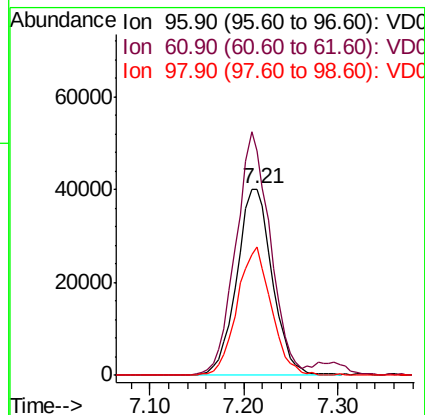
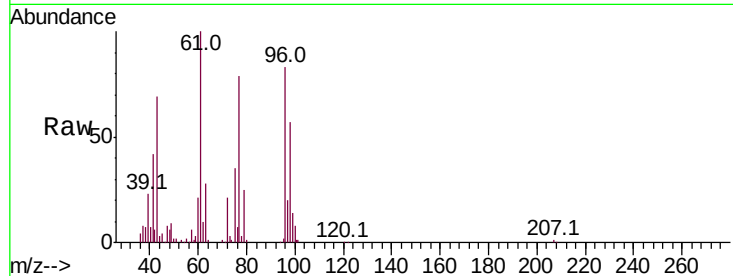


#27

cis-1,2-Dichloroethene
 Concen: 22.056 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBSD02

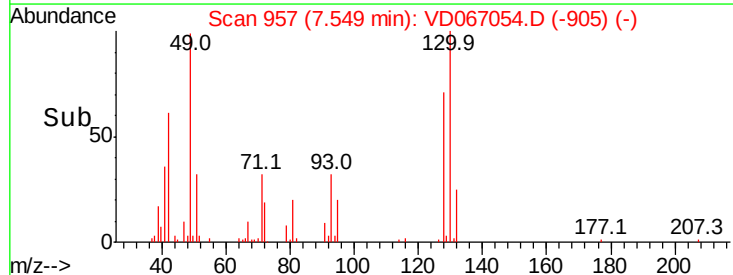
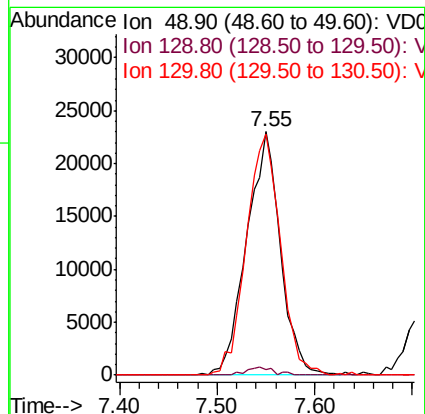
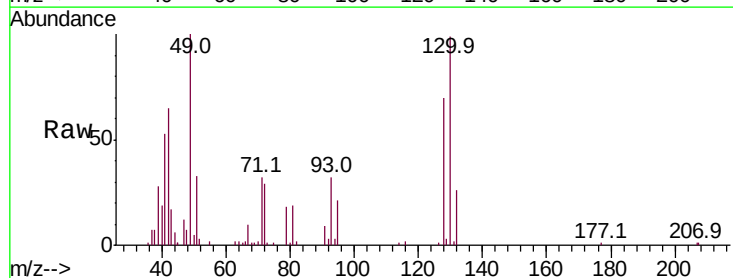
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	269.2
98	66.1	0.0	129.4

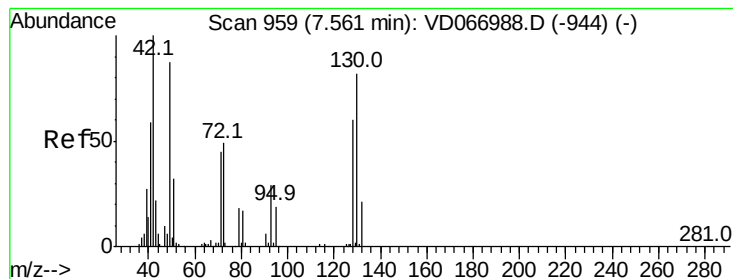


#28

Bromochloromethane
 Concen: 19.879 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	100.7	74.1	111.1





#29

Tetrahydrofuran

Concen: 108.973 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBSD02

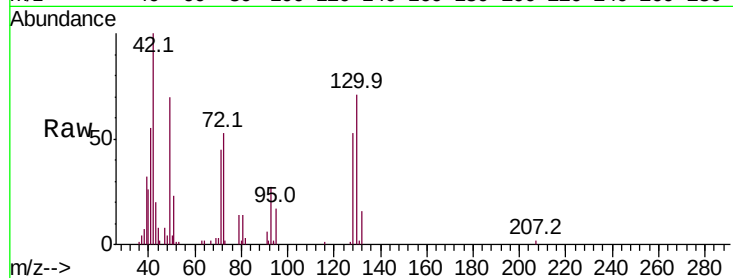
Tot Ion: 42 Resp: 54390

Ion Ratio Lower Upper

42 100

72 47.7 39.1 58.7

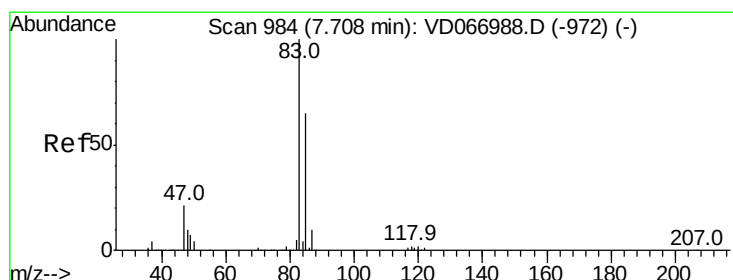
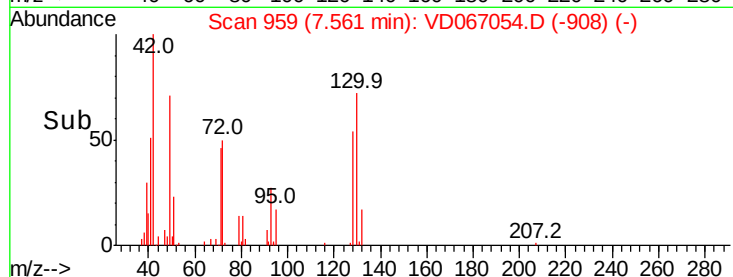
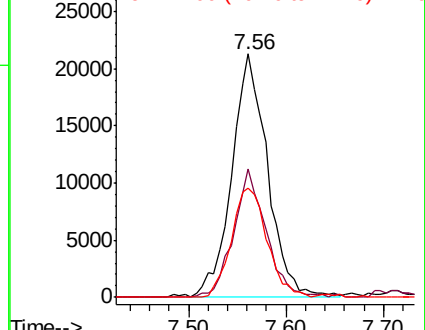
71 44.8 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 22.032 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD067054.D

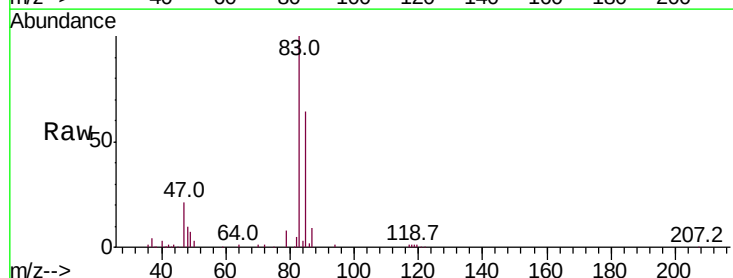
Acq: 03 Oct 2020 01:05

Tgt Ion: 83 Resp: 171718

Ion Ratio Lower Upper

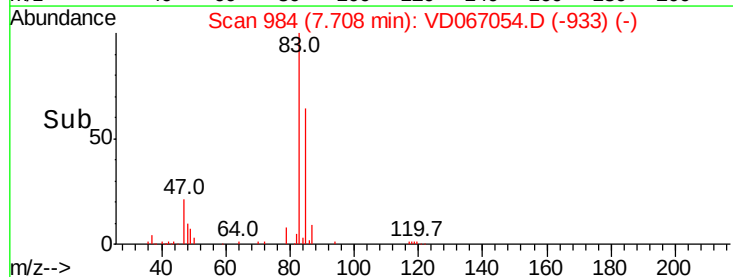
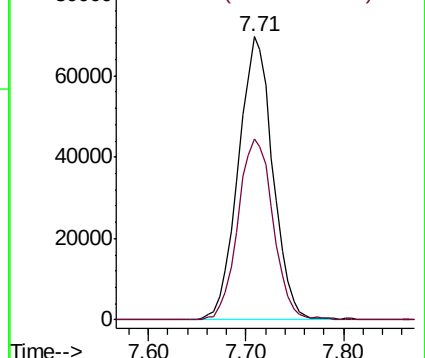
83 100

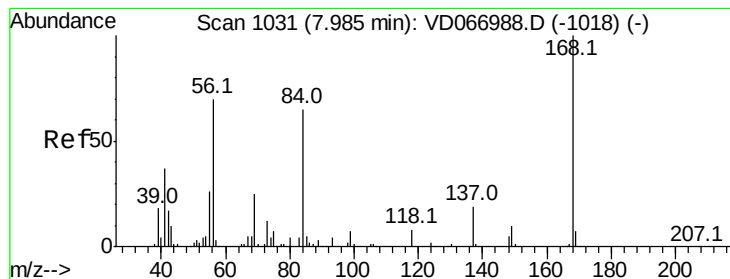
85 64.0 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 19.116 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBSD02

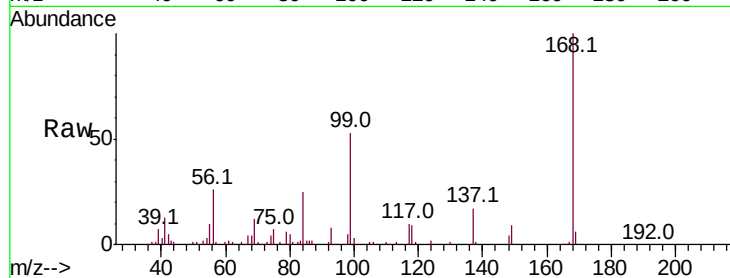
Tot Ion: 56 Resp: 115145

Ion Ratio Lower Upper

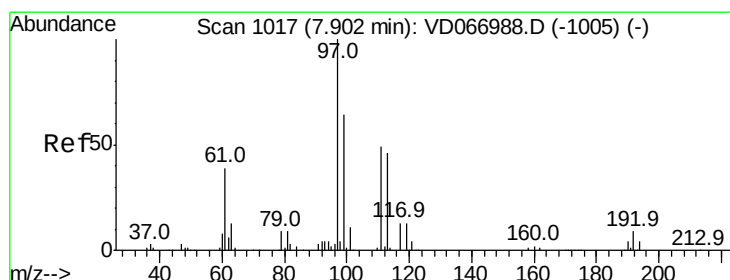
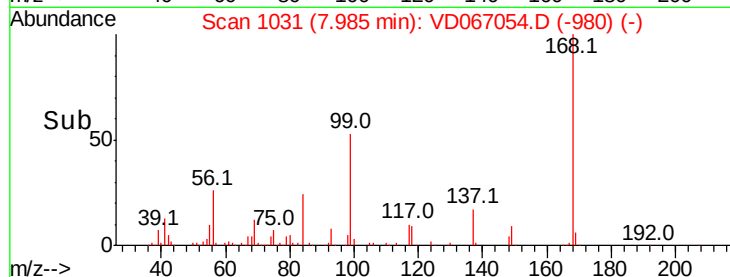
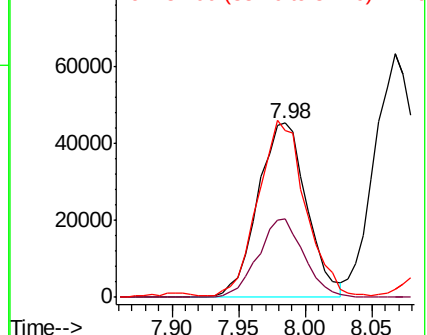
56 100

69 45.3 29.0 43.6#

84 93.8 74.2 111.2



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 20.759 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

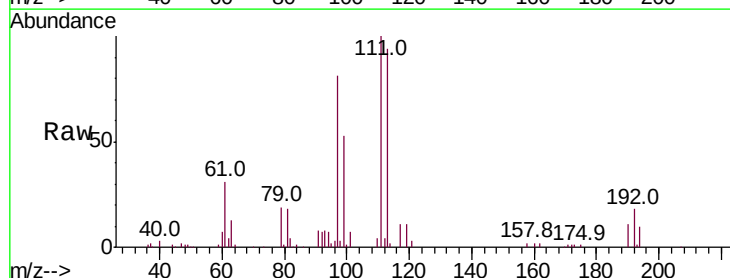
Tgt Ion: 97 Resp: 149946

Ion Ratio Lower Upper

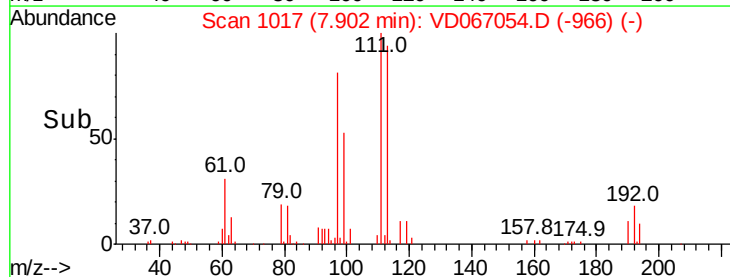
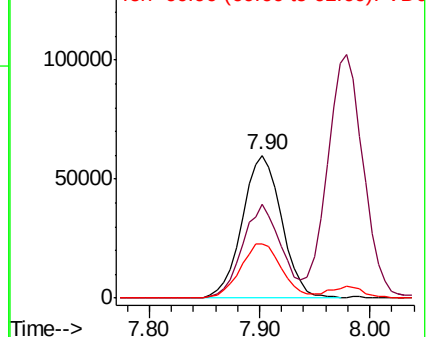
97 100

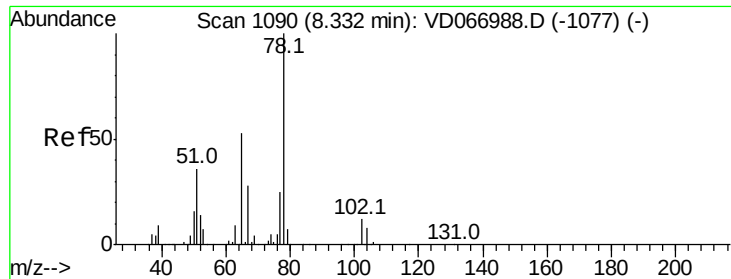
99 64.6 52.6 78.8

61 40.3 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

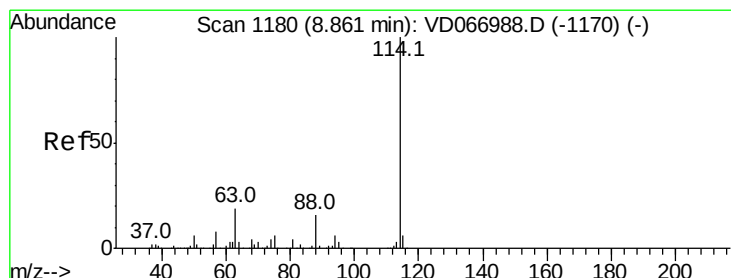
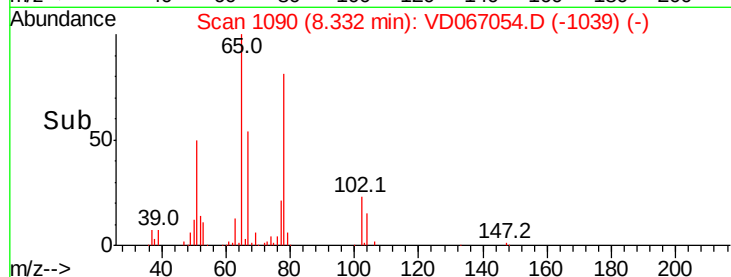
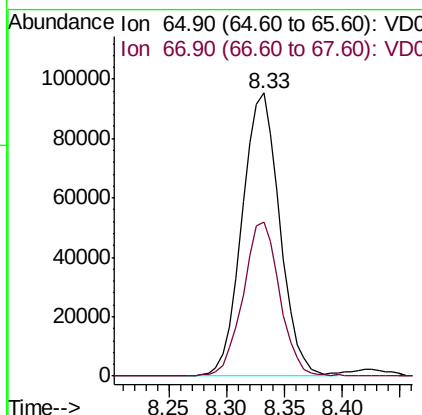
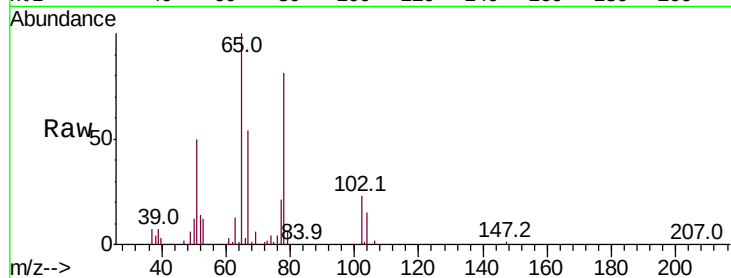




#33
 1,2-Dichloroethane-d4
 Concen: 53.986 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

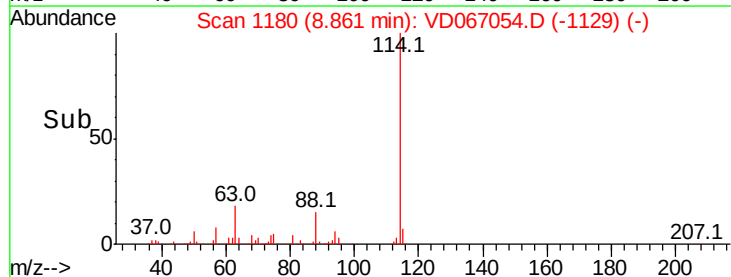
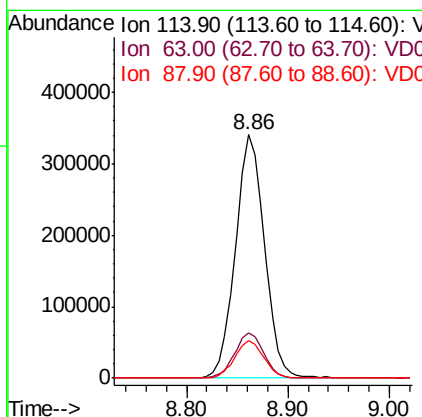
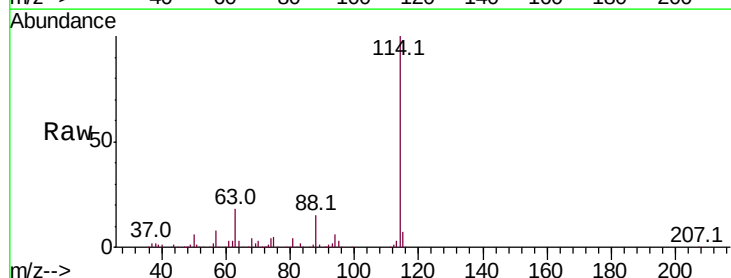
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBSD02

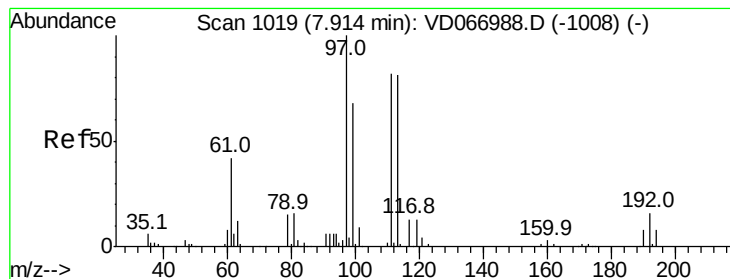
Tot Ion: 65 Resp: 216528
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

Tgt Ion: 114 Resp: 677860
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.4
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.439 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBSD02

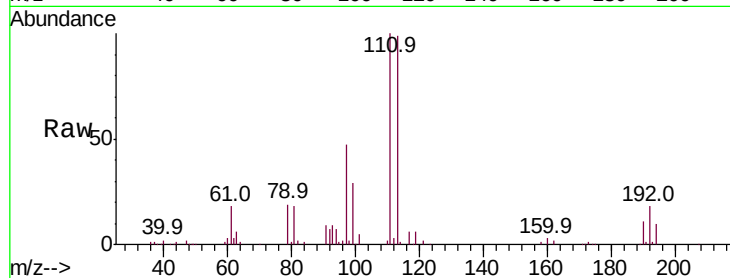
Tot Ion:113 Resp: 232715

Ion Ratio Lower Upper

113 100

111 103.9 83.0 124.4

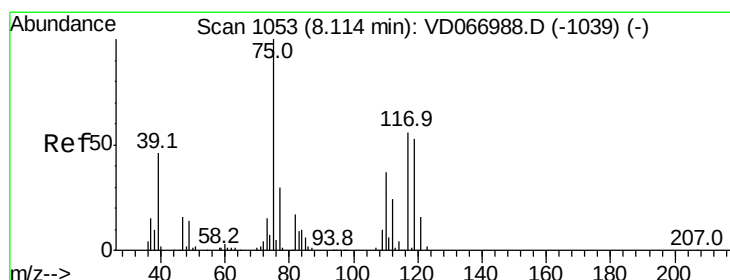
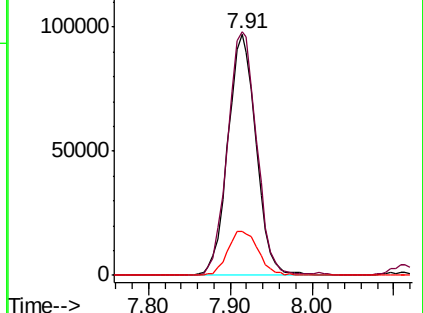
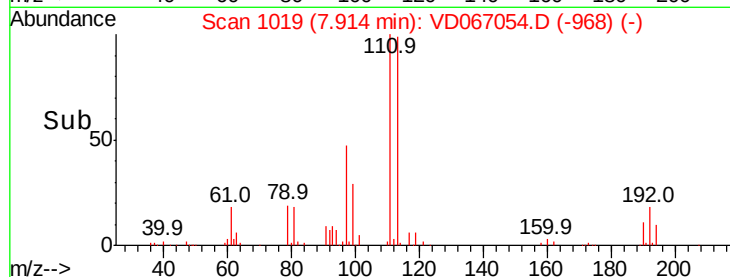
192 19.9 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.414 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

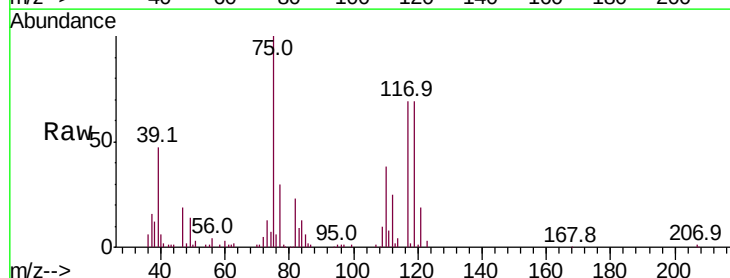
Tgt Ion: 75 Resp: 122663

Ion Ratio Lower Upper

75 100

110 37.6 18.4 55.0

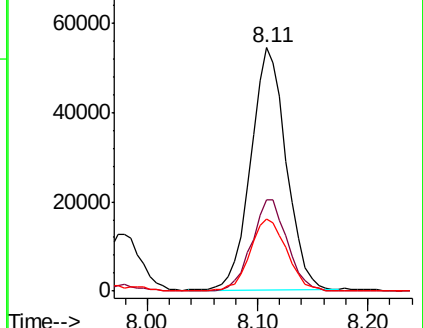
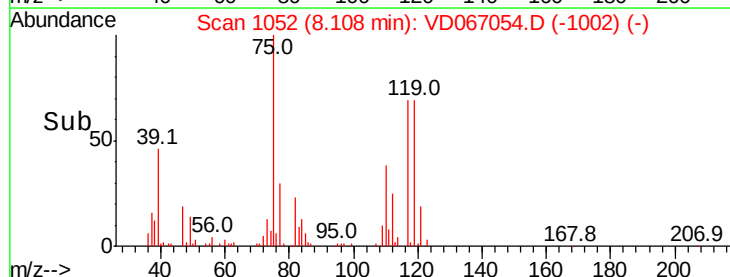
77 31.0 24.8 37.2

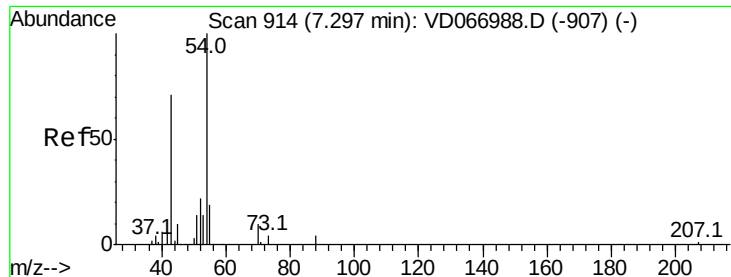


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

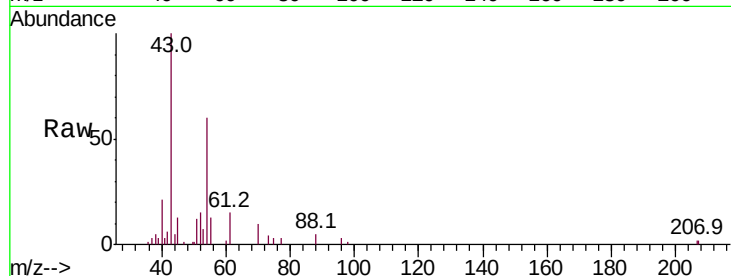




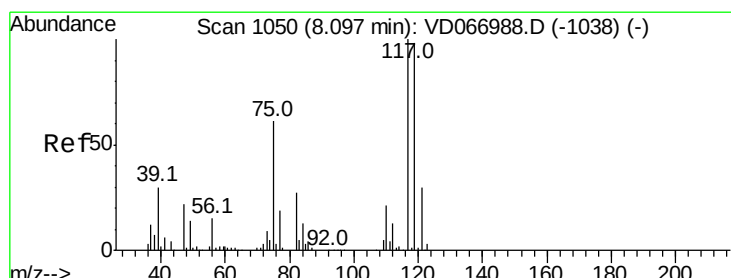
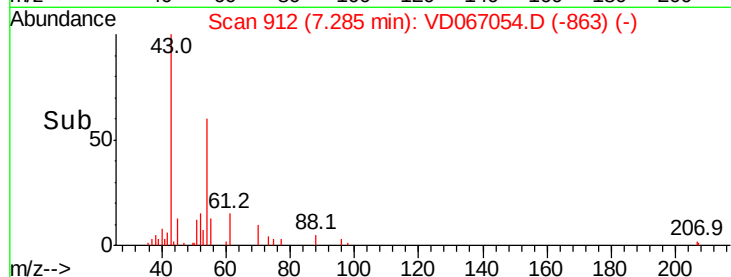
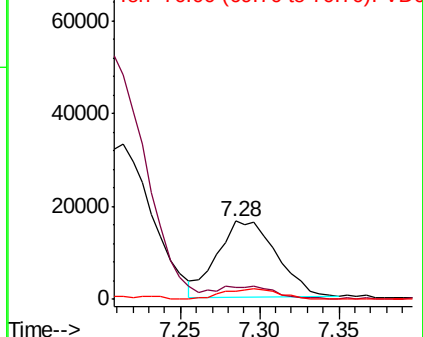
#37
Ethyl Acetate
Concen: 19.317 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion: 43 Resp: 42283
Ion Ratio Lower Upper
43 100
61 14.8 12.5 18.7
70 13.2 9.4 14.0

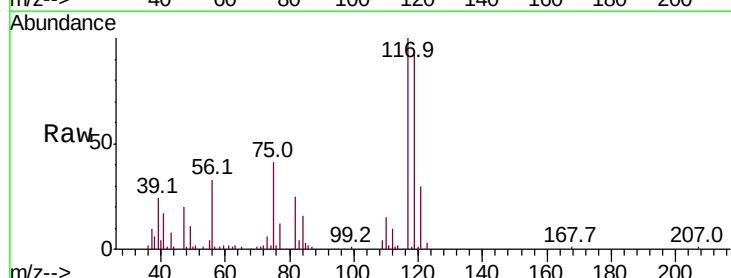


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

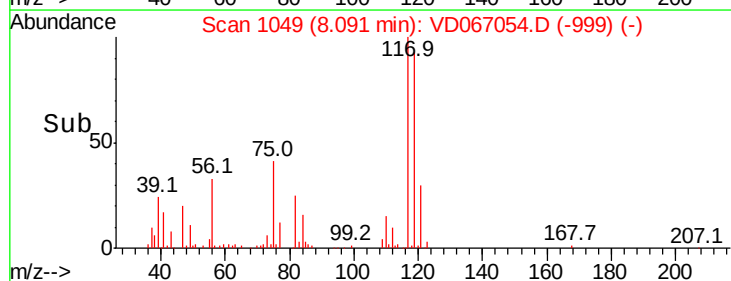
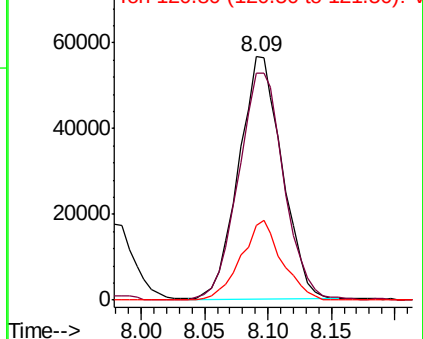


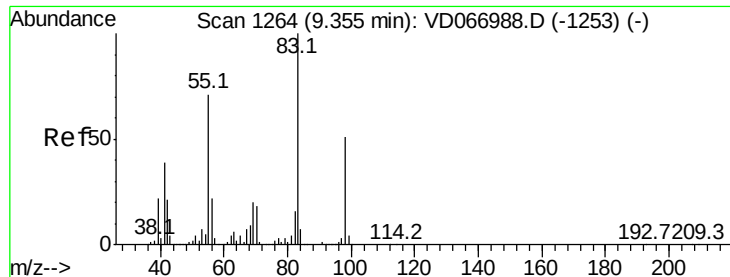
#38
Carbon Tetrachloride
Concen: 19.708 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion: 117 Resp: 134730
Ion Ratio Lower Upper
117 100
119 93.4 78.7 118.1
121 30.6 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

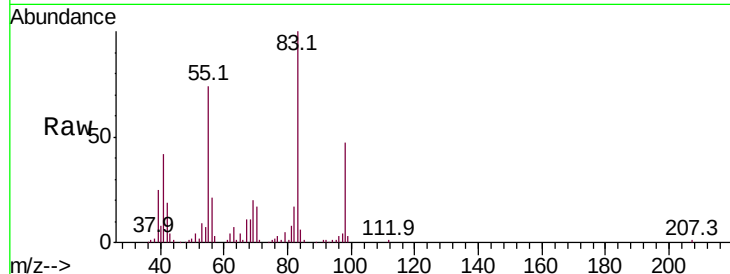




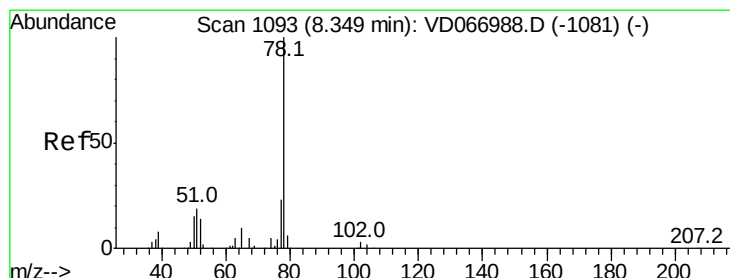
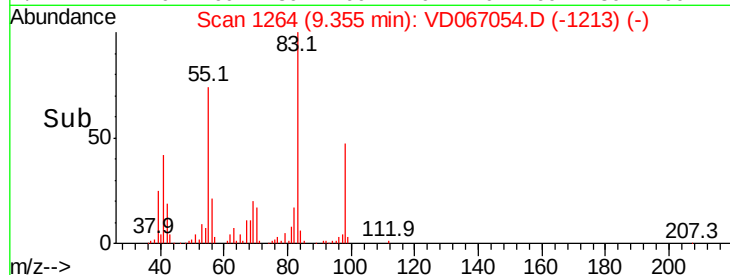
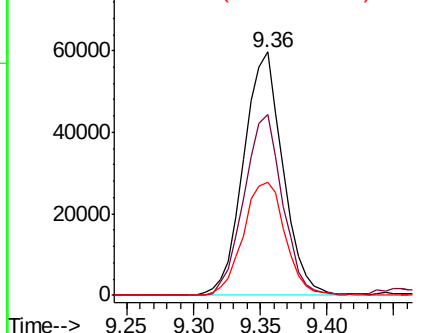
#39
Methylvlcyclohexane
Concen: 18.156 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

Tot Ion	83	Resp	121287
Ion	Ratio	Lower	Upper
83	100		
55	74.4	57.1	85.7
98	46.6	40.9	61.3

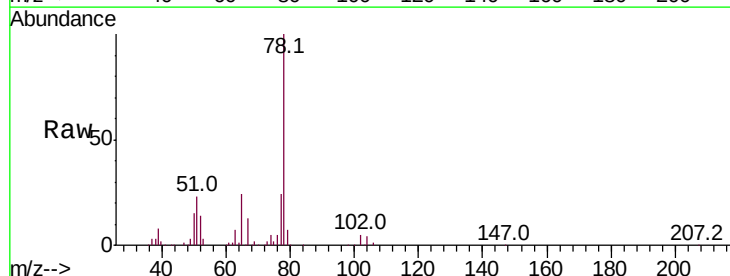


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

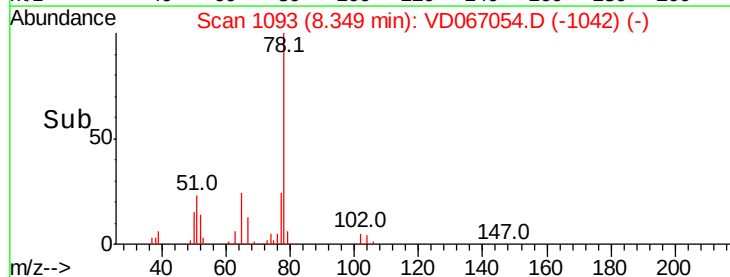
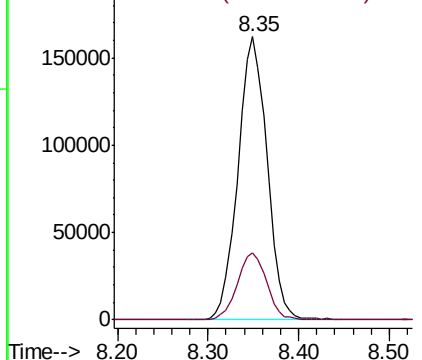


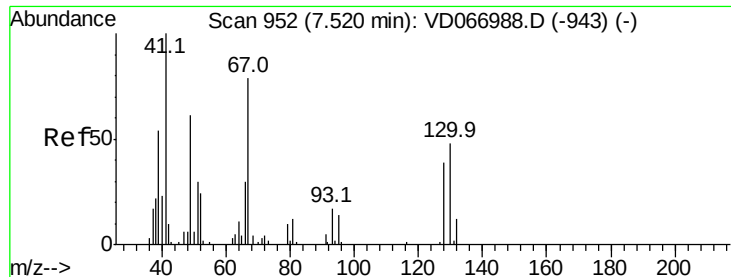
#40
Benzene
Concen: 20.673 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion	78	Resp	362811
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.4	27.6



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 48.006 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.04 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBSD02

Tot Ion: 41 Resp: 56768

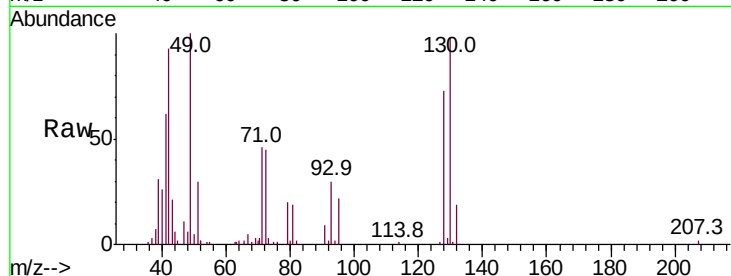
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



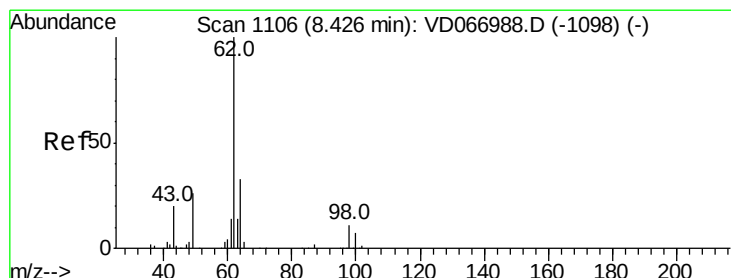
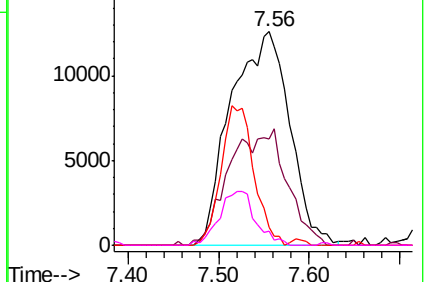
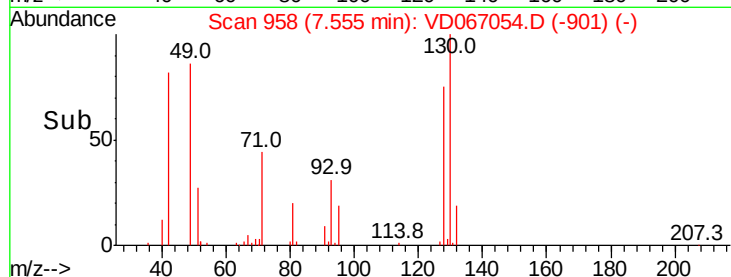
Abundance

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 20.662 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VD067054.D

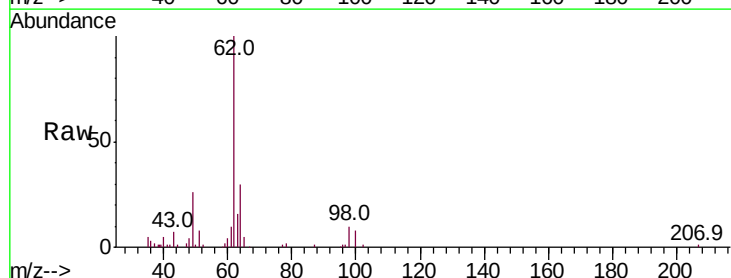
Acq: 03 Oct 2020 01:05

Tgt Ion: 62 Resp: 101324

Ion Ratio Lower Upper

62 100

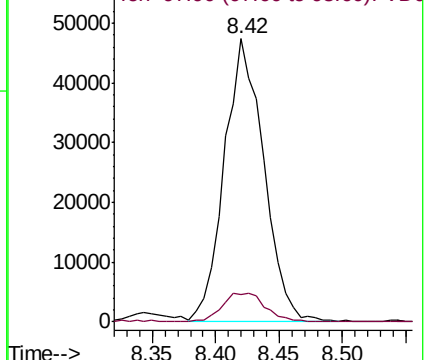
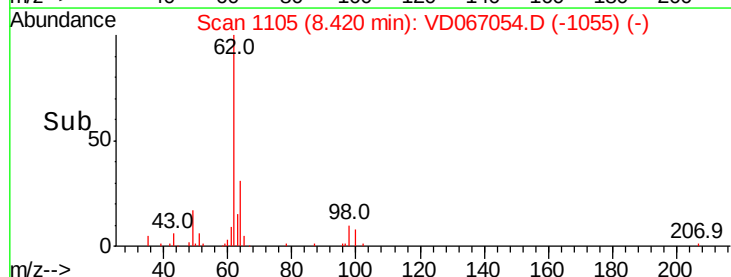
98 11.2 0.0 22.6

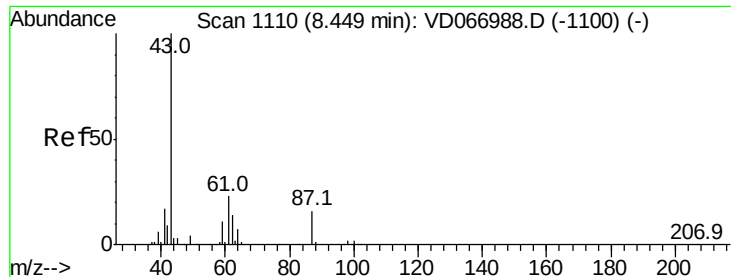


Abundance

Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 20.375 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBSD02

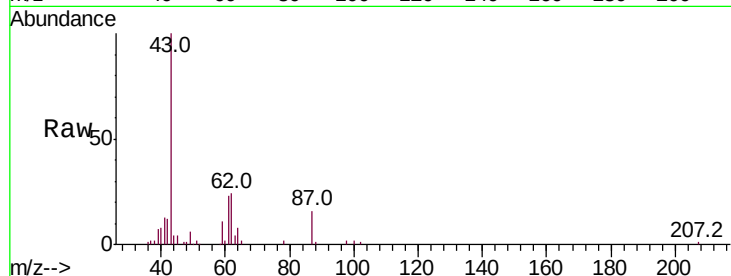
Tot Ion: 43 Resp: 82161

Ion Ratio Lower Upper

43 100

61 35.4 27.1 40.7

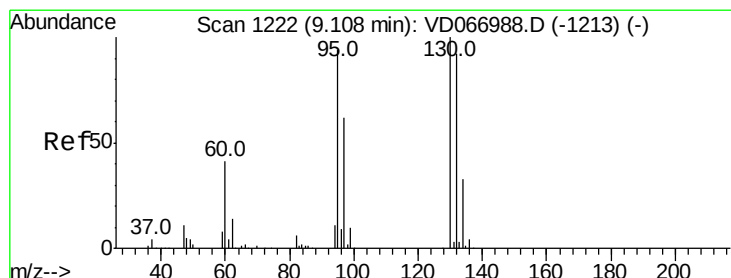
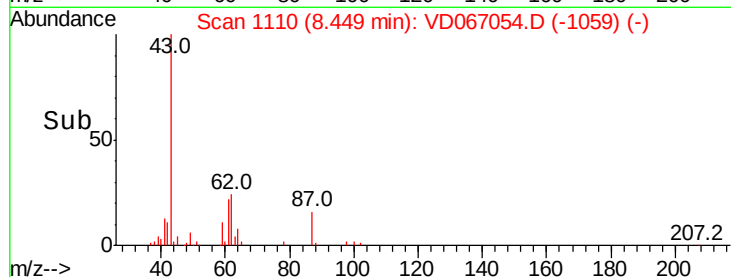
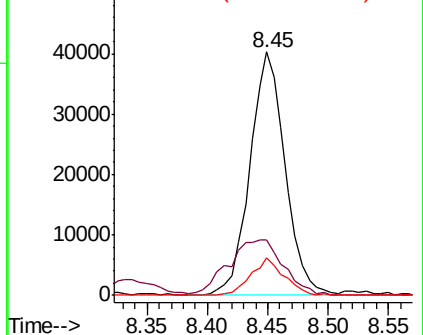
87 14.4 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.874 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD067054.D

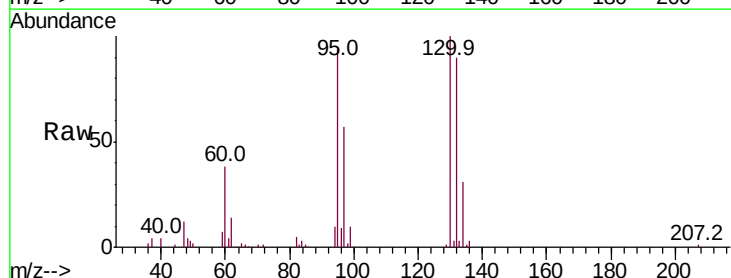
Acq: 03 Oct 2020 01:05

Tgt Ion:130 Resp: 109388

Ion Ratio Lower Upper

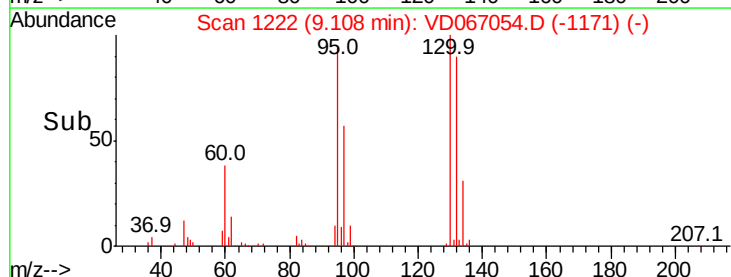
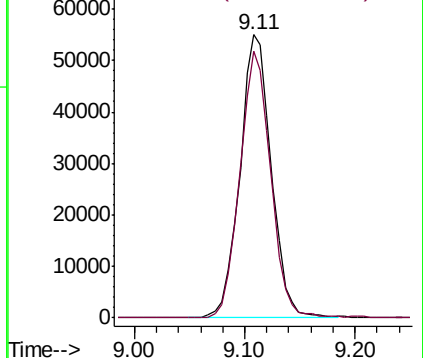
130 100

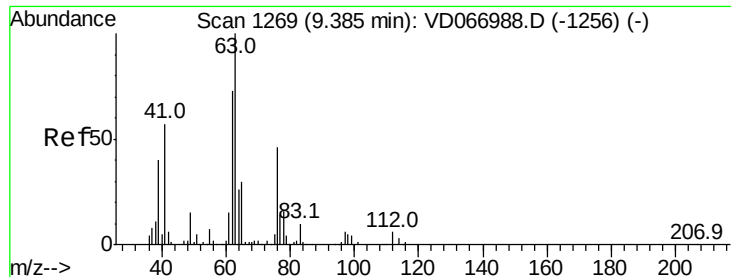
95 94.1 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.391 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

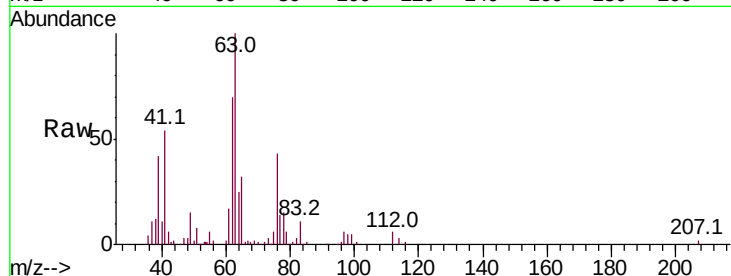
VD1002SBSD02

Tot Ion: 63 Resp: 88205

Ion Ratio Lower Upper

63 100

65 32.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

50000

40000

30000

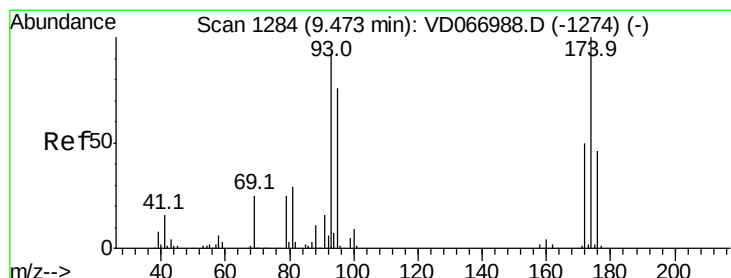
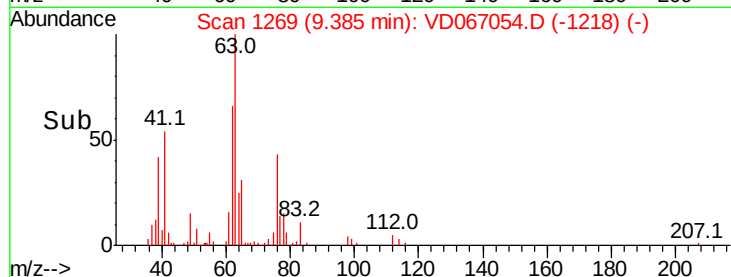
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 21.907 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

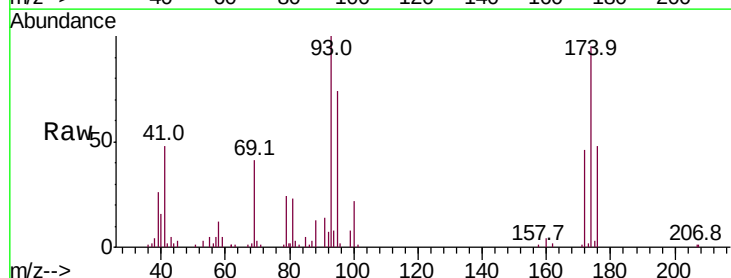
Tgt Ion: 93 Resp: 51919

Ion Ratio Lower Upper

93 100

95 84.2 64.7 97.1

174 101.2 81.4 122.2



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

30000

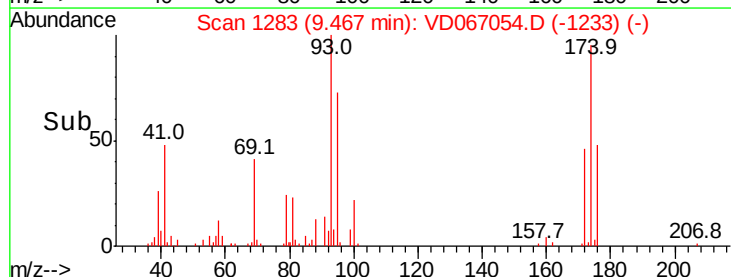
20000

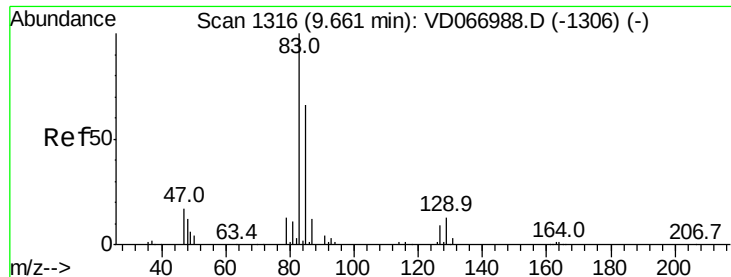
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 20.759 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBSD02

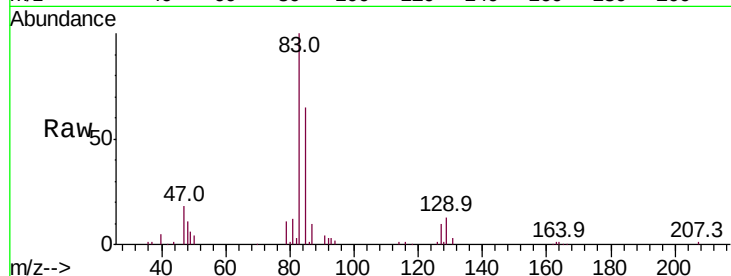
Tot Ion: 83 Resp: 127890

Ion Ratio Lower Upper

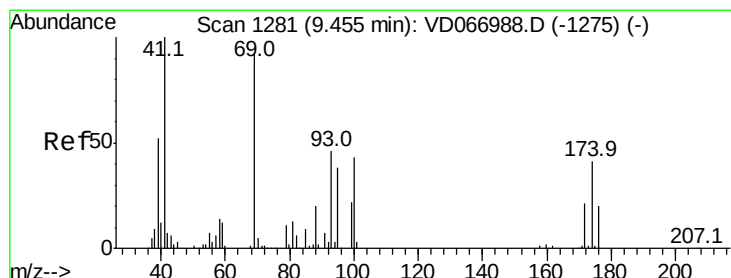
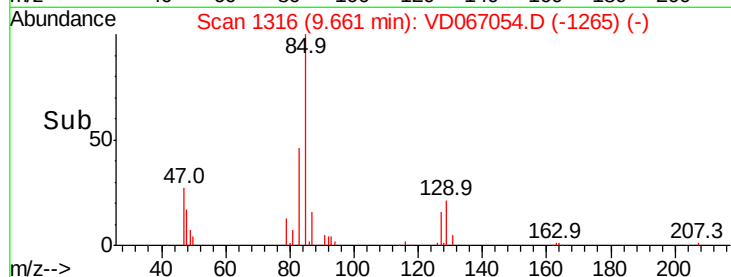
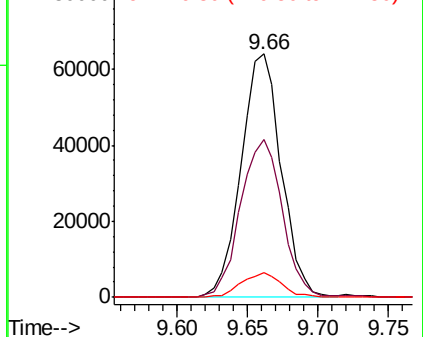
83 100

85 64.9 52.9 79.3

127 10.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.584 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

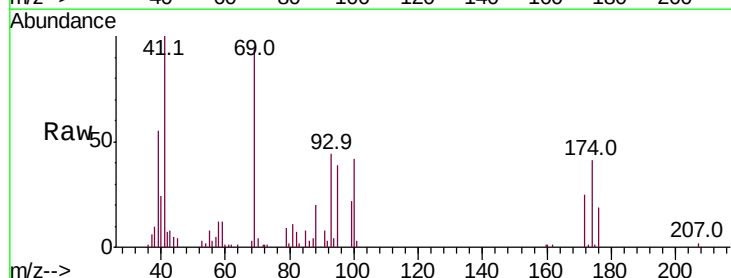
Tgt Ion: 41 Resp: 38392

Ion Ratio Lower Upper

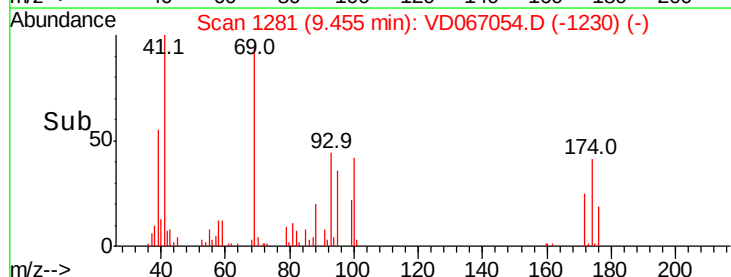
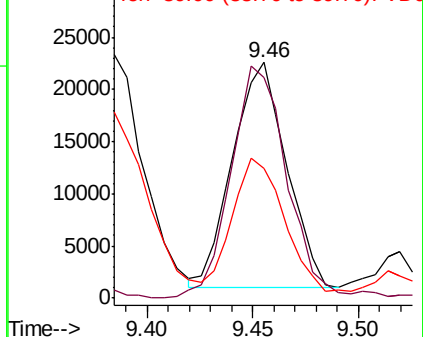
41 100

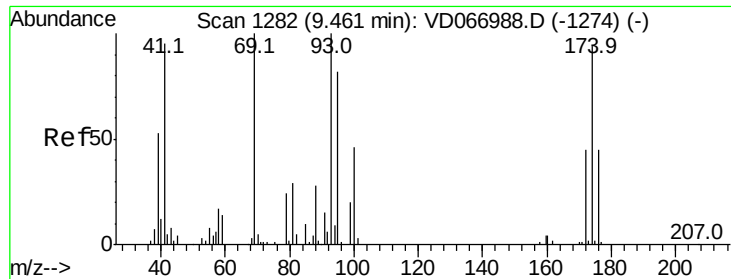
69 108.2 68.5 102.7#

39 63.2 40.2 60.2#



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

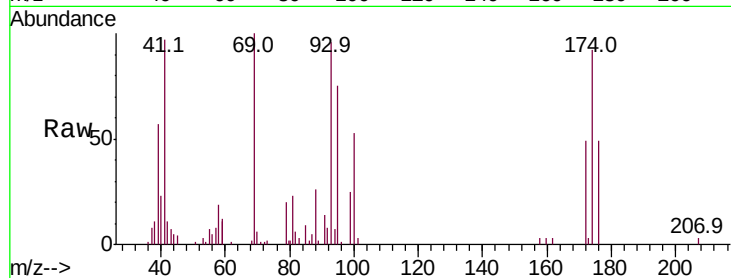




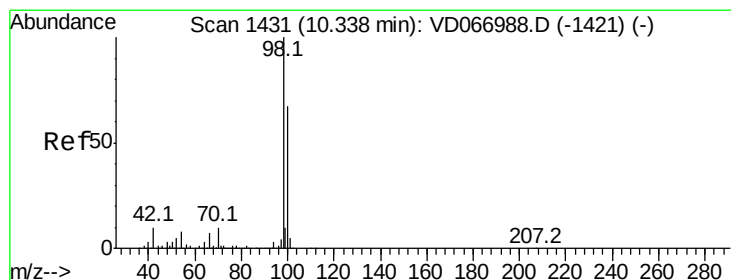
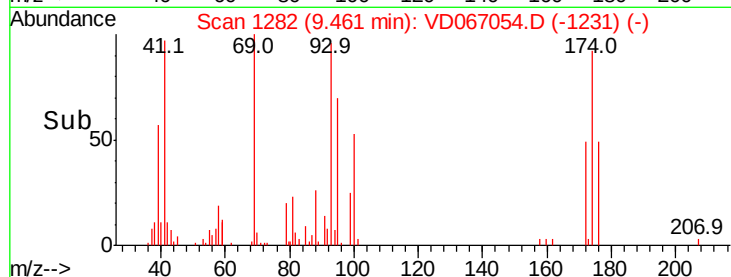
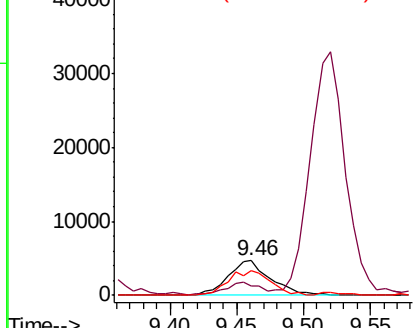
#49
1,4-Dioxane
Concen: 420.211 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

Tot Ion: 88 Resp: 10394
Ion Ratio Lower Upper
88 100
43 29.9 25.6 38.4
58 70.2 53.5 80.3

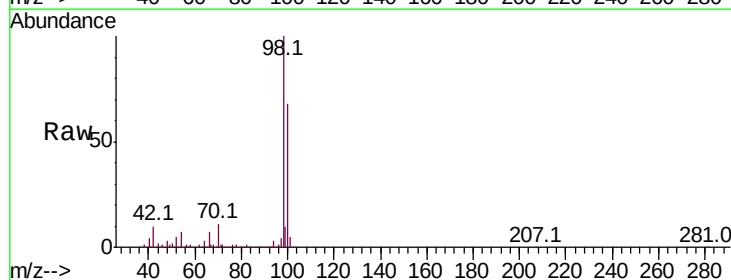


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

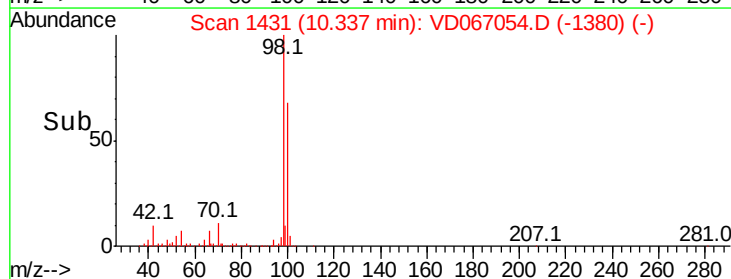
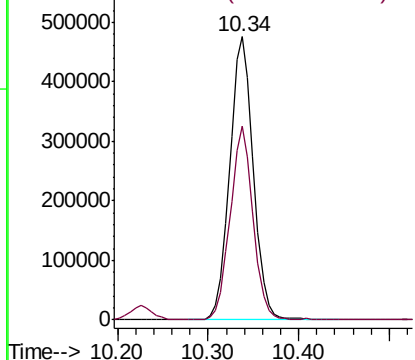


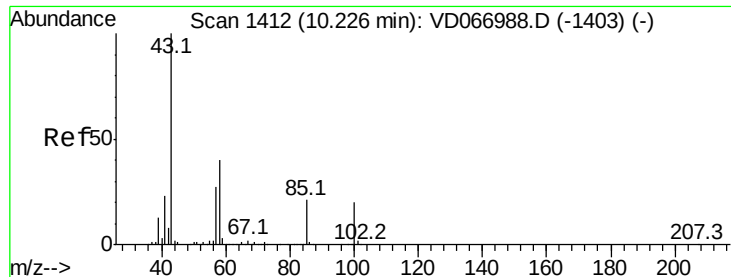
#50
Toluene-d8
Concen: 53.195 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion: 98 Resp: 860211
Ion Ratio Lower Upper
98 100
100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

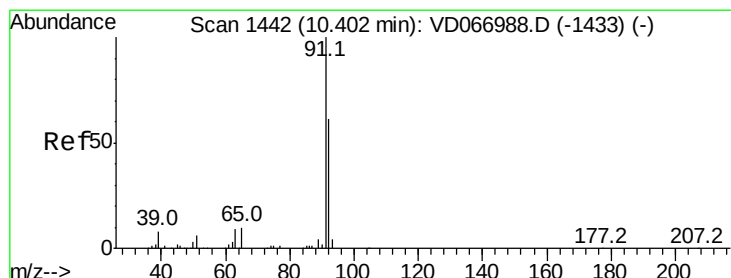
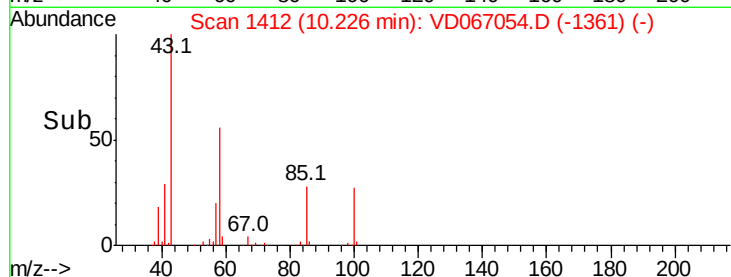
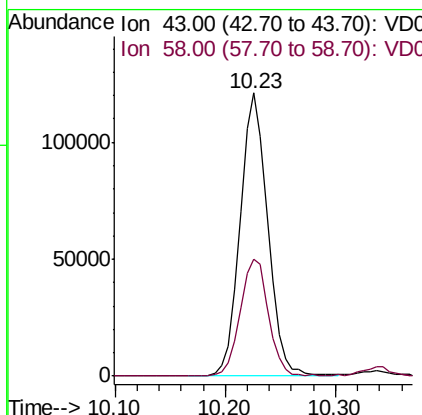
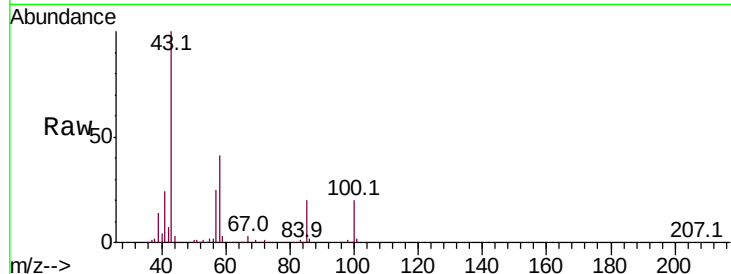




#51
4-Methyl-2-Pentanone
Concen: 106.178 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

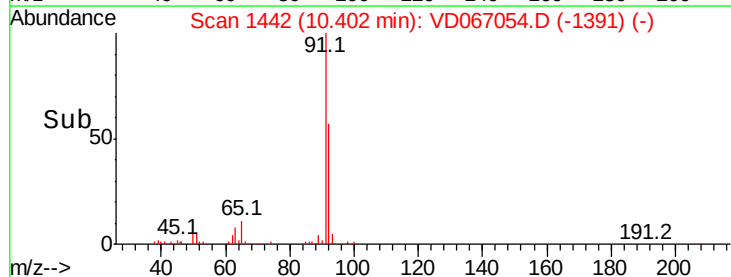
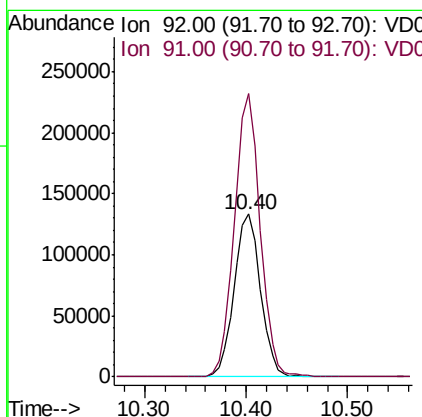
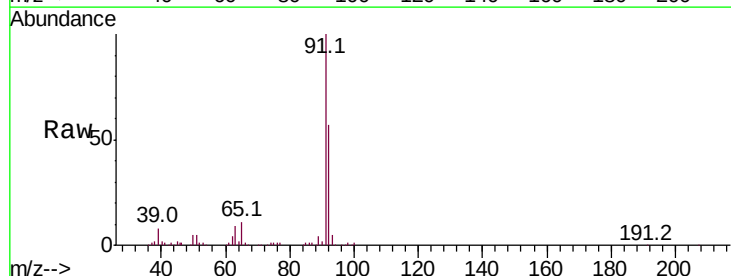
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

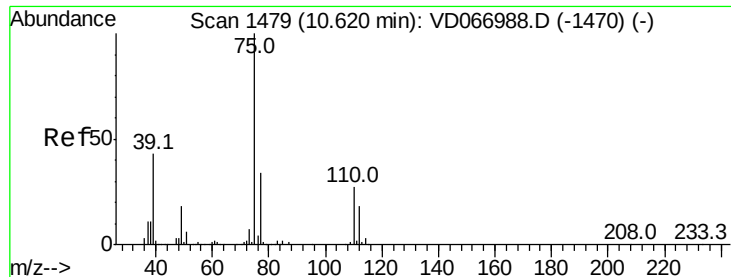
Tot Ion: 43 Resp: 213260
Ion Ratio Lower Upper
43 100
58 41.9 33.8 50.8



#52
Toluene
Concen: 21.410 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion: 92 Resp: 242042
Ion Ratio Lower Upper
92 100
91 169.8 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 21.008 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

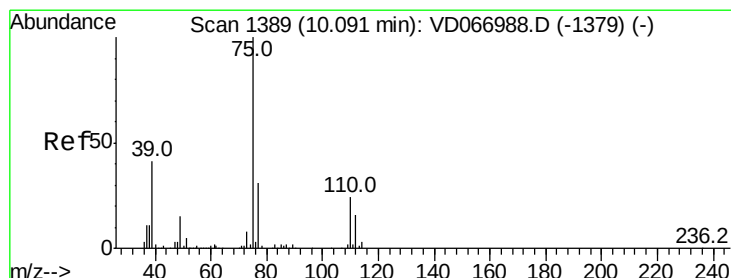
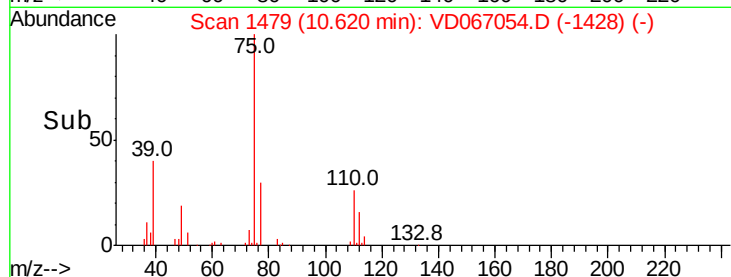
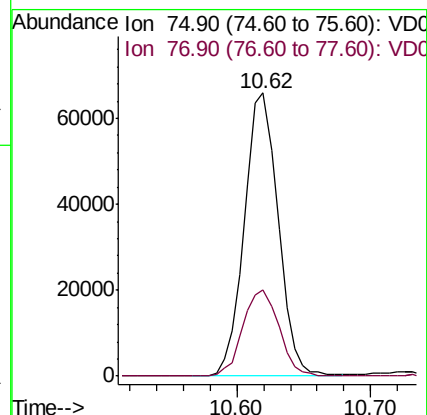
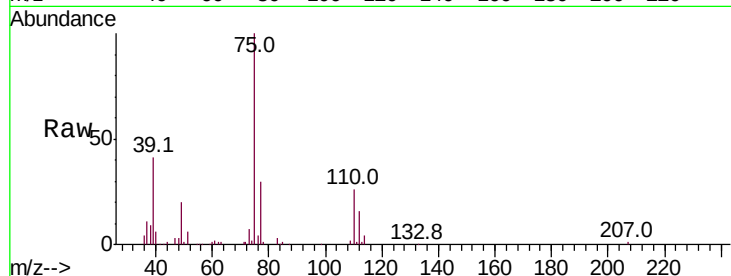
VD1002SBSD02

Tot Ion: 75 Resp: 115668

Ion Ratio Lower Upper

75 100

77 30.5 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 20.567 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

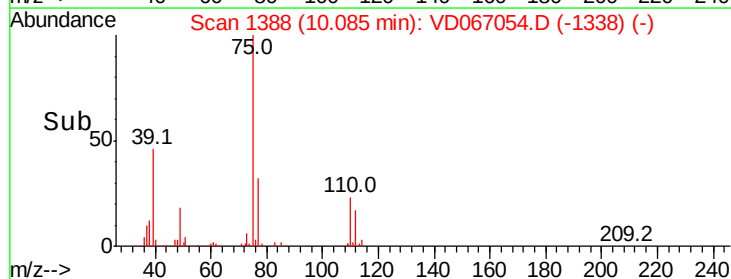
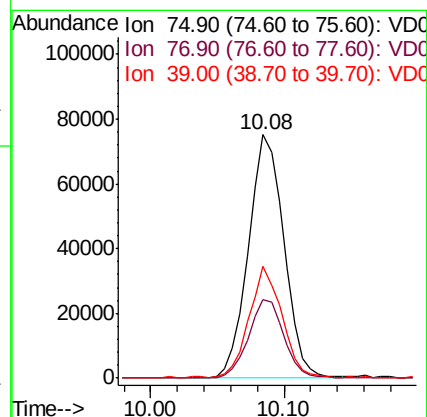
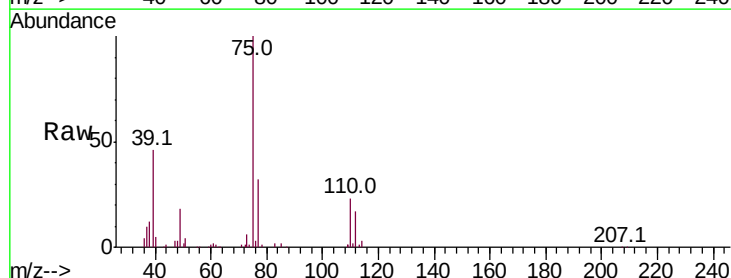
Tgt Ion: 75 Resp: 138279

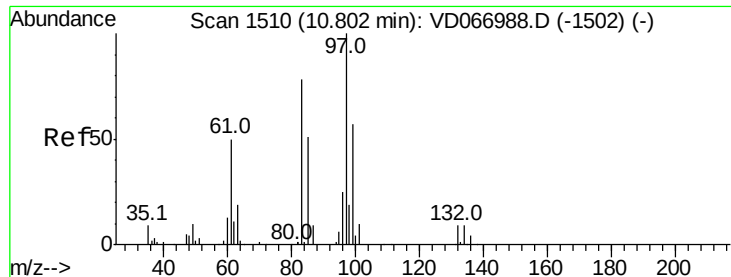
Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 45.3 33.0 49.4

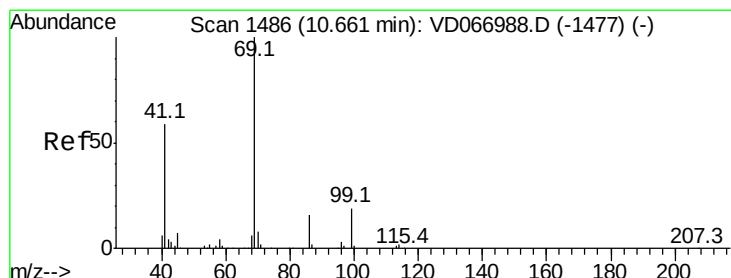
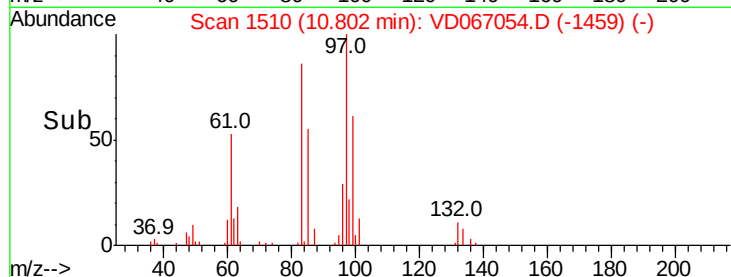
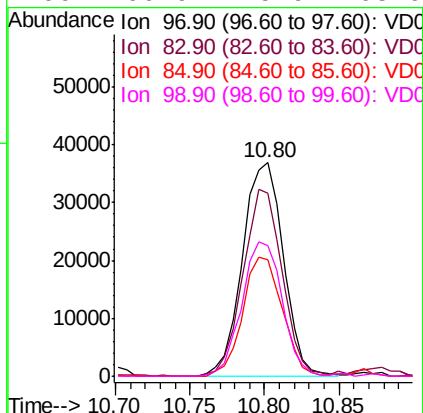
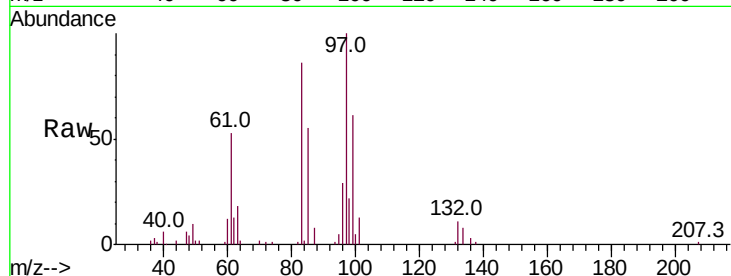




#55
 1,1,2-Trichloroethane
 Concen: 21.262 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

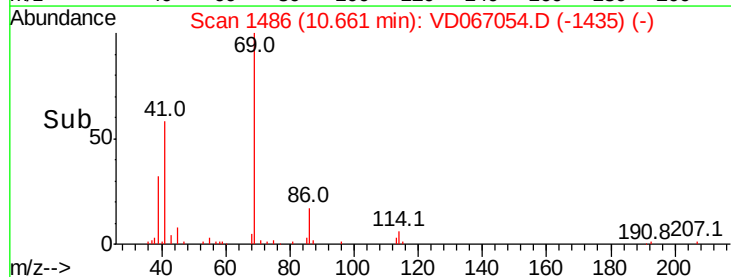
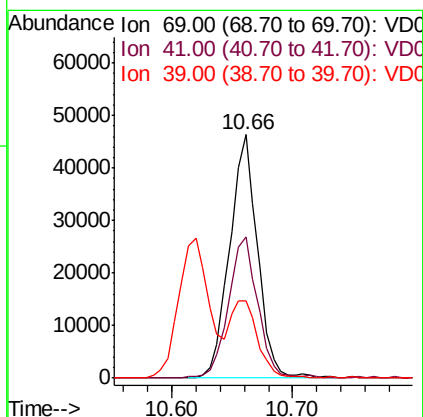
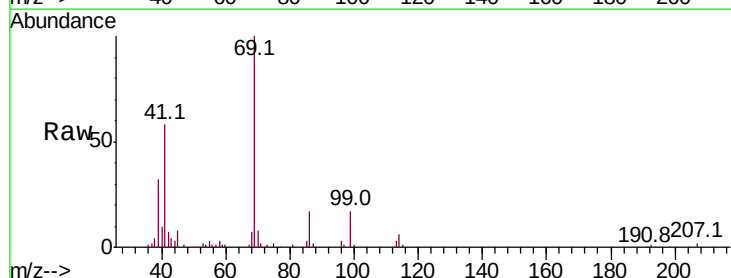
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBSD02

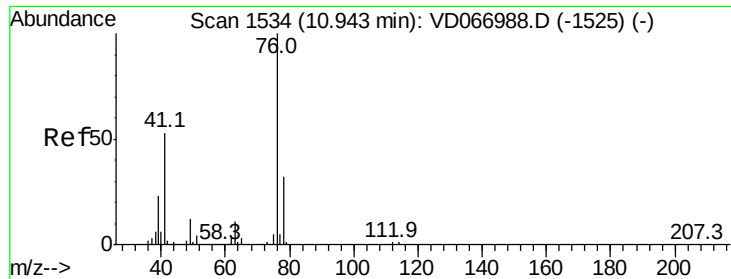
Tot Ion:	97	Resp:	70060
Ion	Ratio	Lower	Upper
97	100		
83	86.0	62.4	93.6
85	54.5	41.0	61.4
99	60.9	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 21.947 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

Tgt Ion:	69	Resp:	74661
Ion	Ratio	Lower	Upper
69	100		
41	60.7	46.4	69.6
39	31.0	23.8	35.6





#57

1,3-Dichloropropane

Concen: 21.904 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

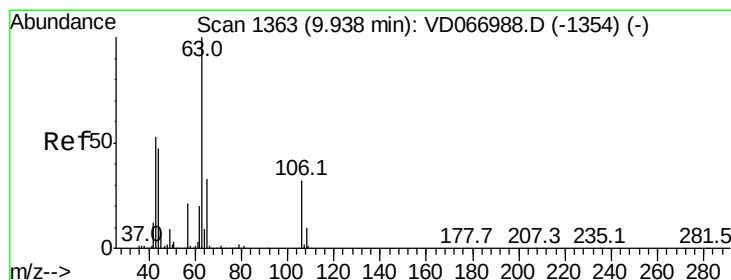
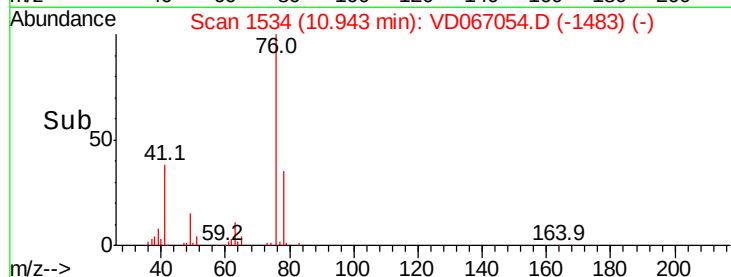
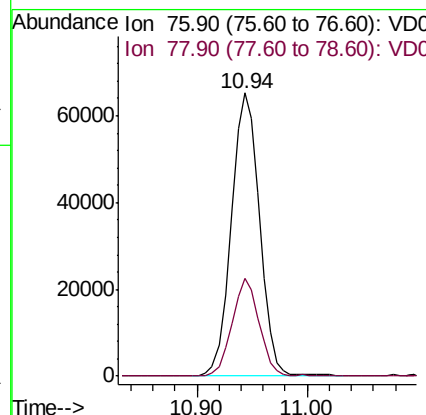
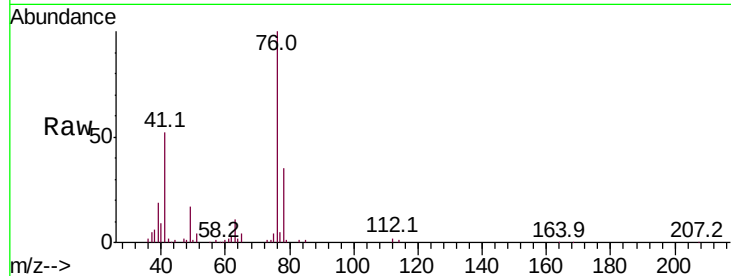
Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

Tot Ion: 76 Resp: 117040

Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 111.175 ug/l

RT: 9.94 min Scan# 1363

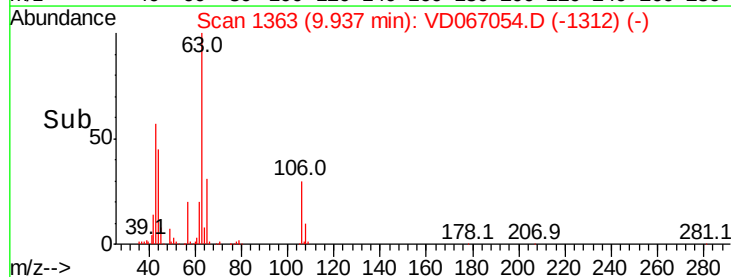
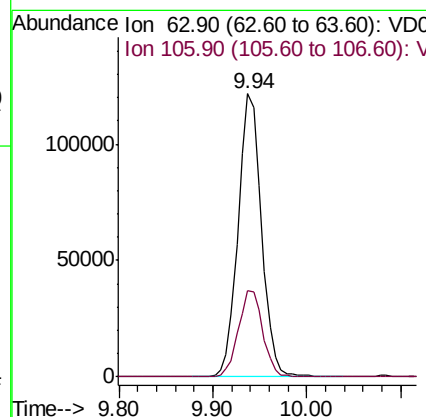
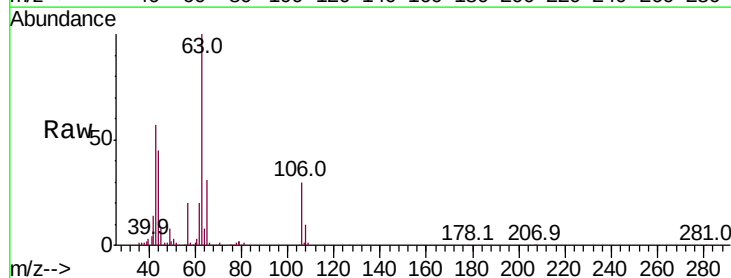
Delta R.T. -0.00 min

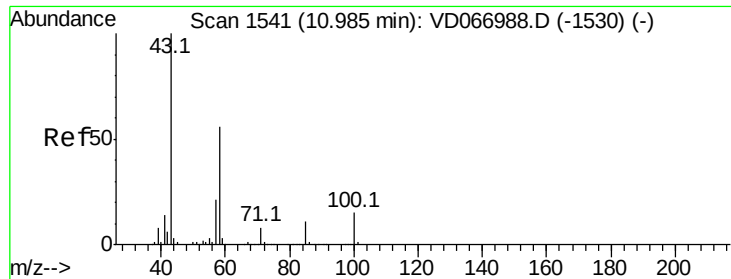
Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Tgt Ion: 63 Resp: 210503

Ion	Ratio	Lower	Upper
63	100		
106	31.7	25.3	37.9

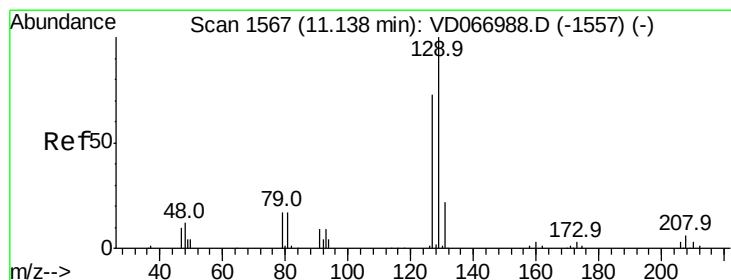
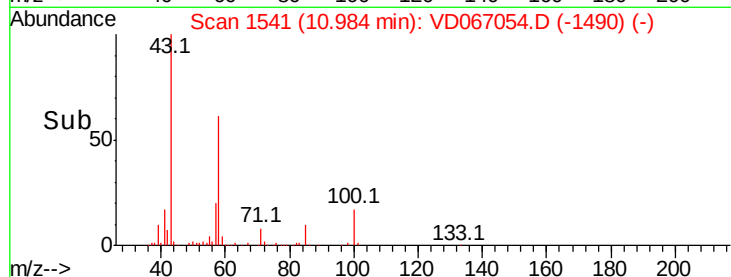
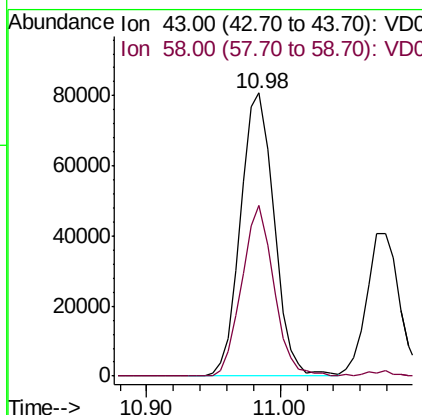
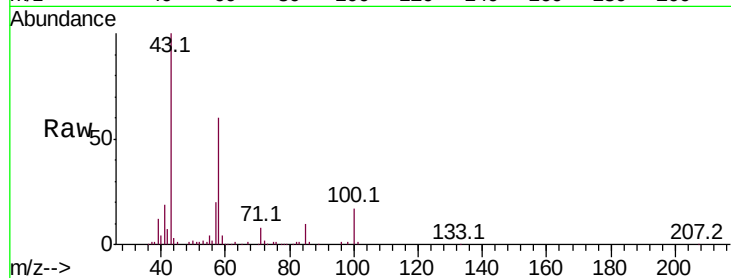




#59
2-Hexanone
Concen: 105.253 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

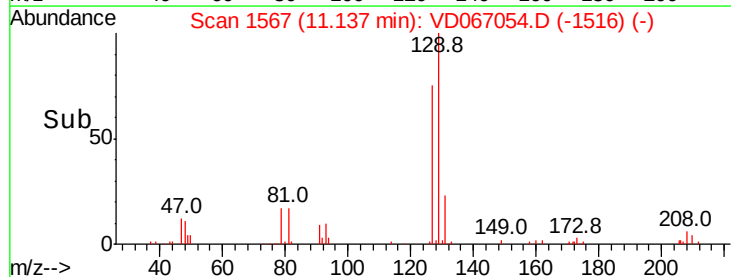
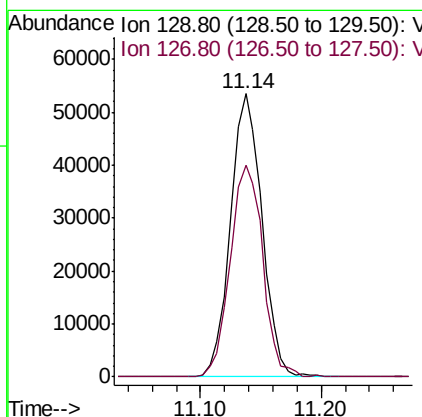
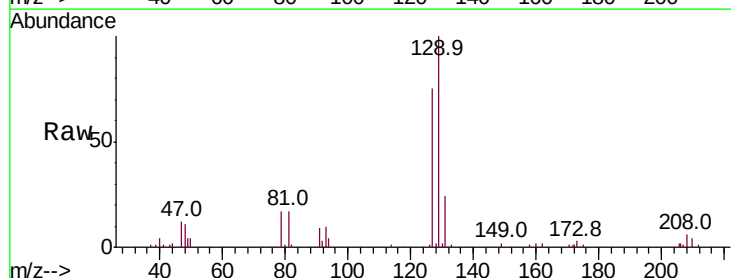
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

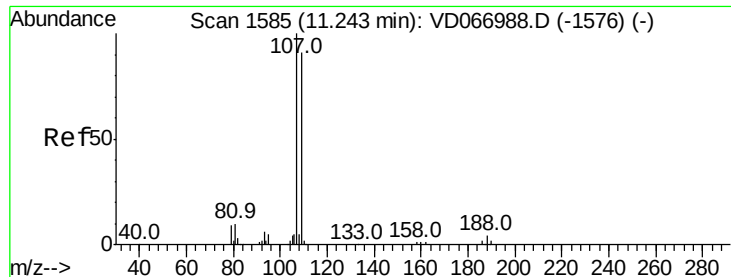
Tot Ion: 43 Resp: 141099
Ion Ratio Lower Upper
43 100
58 57.5 28.3 84.9



#60
Dibromochloromethane
Concen: 22.100 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion: 129 Resp: 97058
Ion Ratio Lower Upper
129 100
127 77.3 37.4 112.1





#61

1,2-Dibromoethane

Concen: 21.861 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

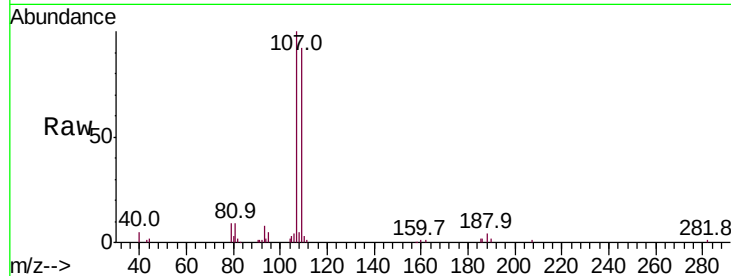
VD1002SBSD02

Tot Ion:107 Resp: 69203

Ion Ratio Lower Upper

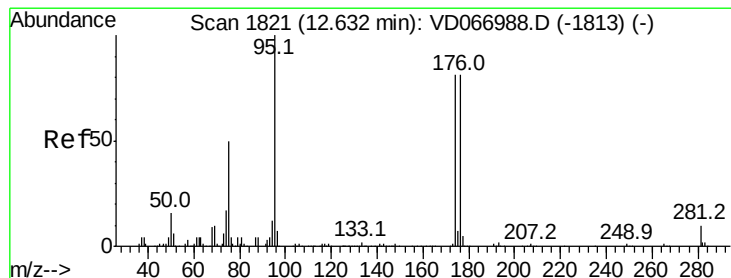
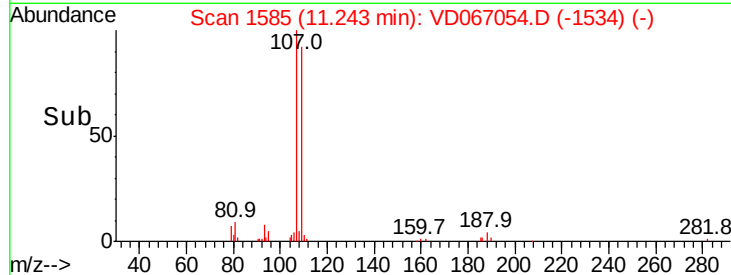
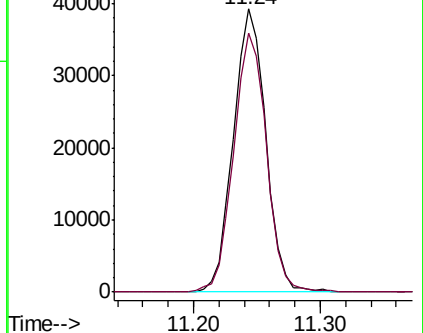
107 100

109 92.9 74.0 111.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.786 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

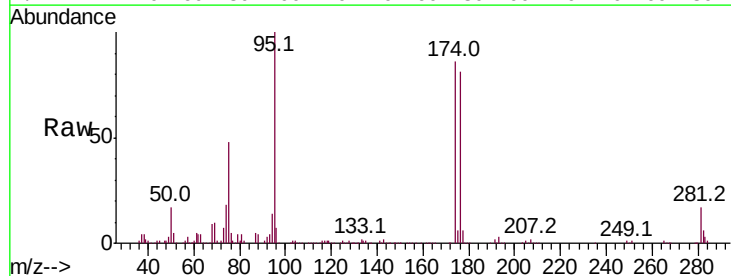
Tgt Ion: 95 Resp: 289775

Ion Ratio Lower Upper

95 100

174 86.0 0.0 167.6

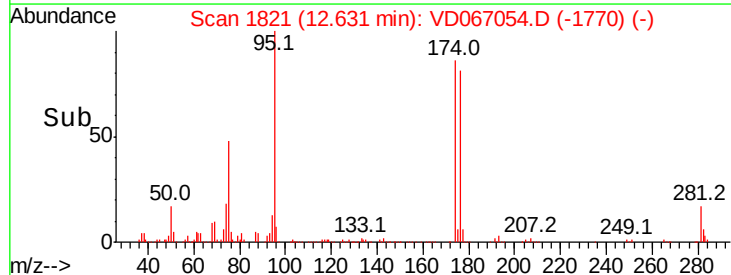
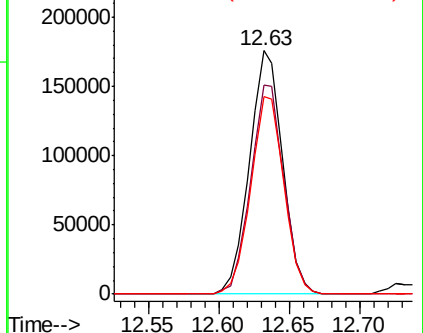
176 81.6 0.0 162.4

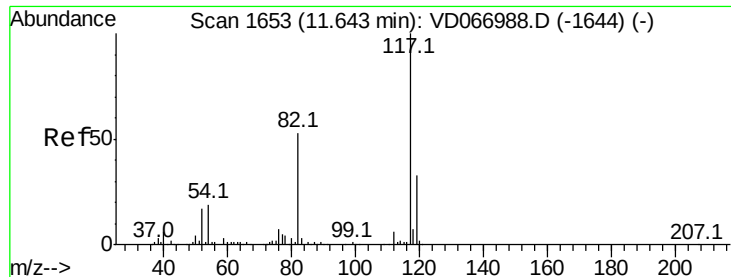


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

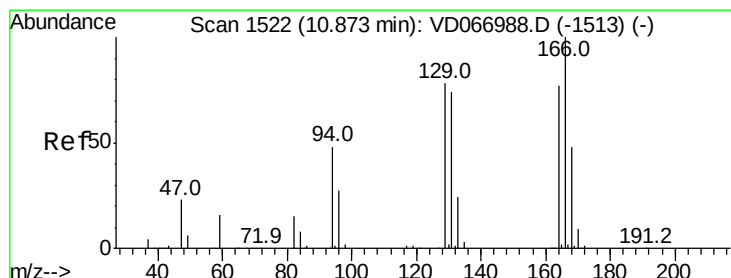
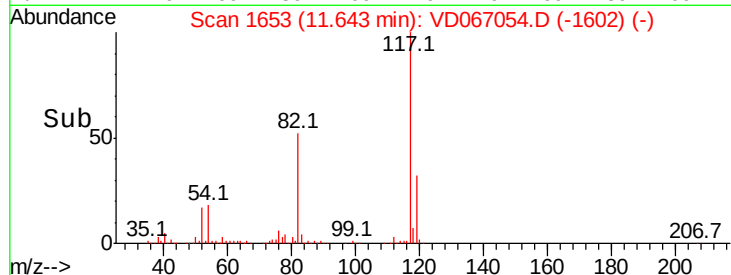
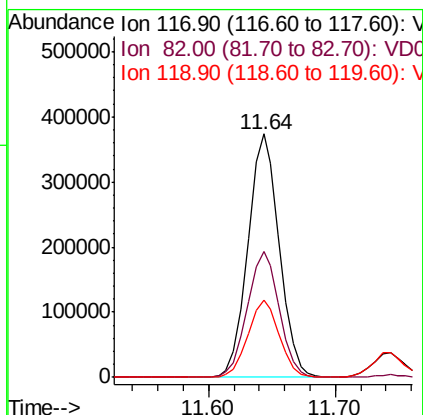
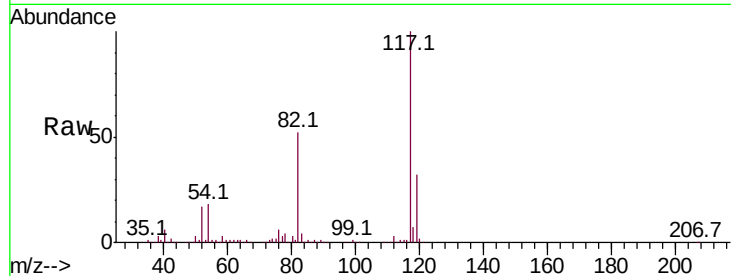




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

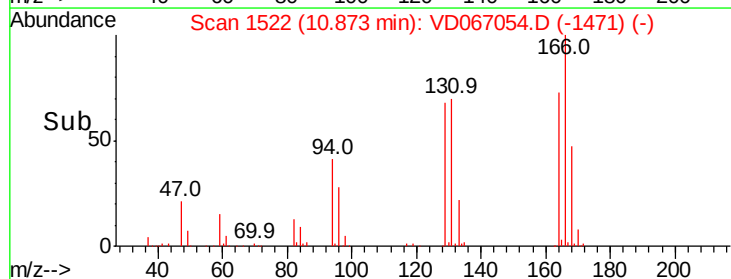
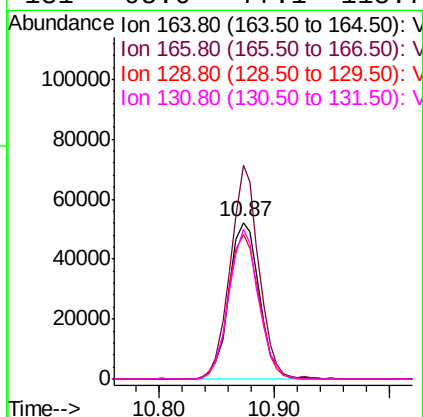
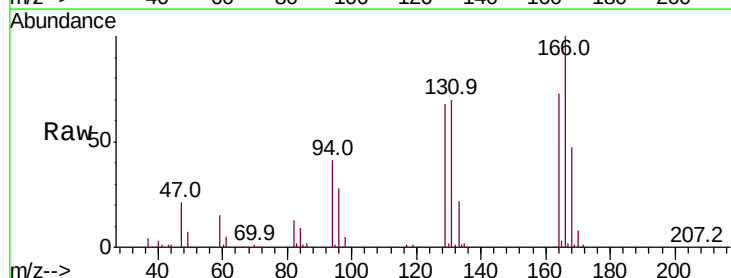
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

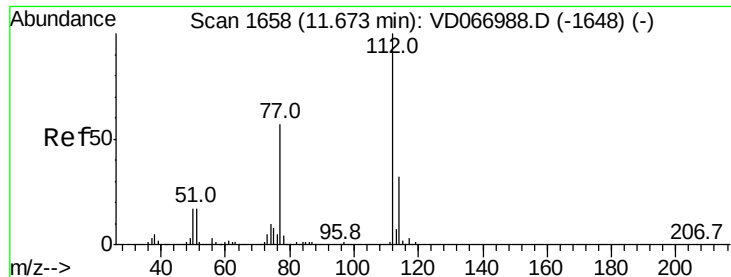
Tot Ion:117 Resp: 641426
Ion Ratio Lower Upper
117 100
82 51.5 42.6 63.8
119 31.7 26.3 39.5



#64
Tetrachloroethene
Concen: 20.533 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion:164 Resp: 95751
Ion Ratio Lower Upper
164 100
166 136.2 104.4 156.6
129 92.1 81.3 121.9
131 95.6 77.1 115.7

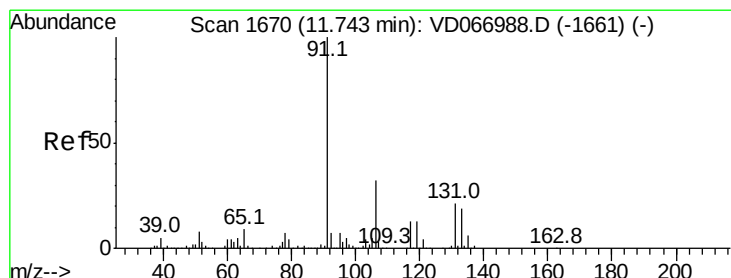
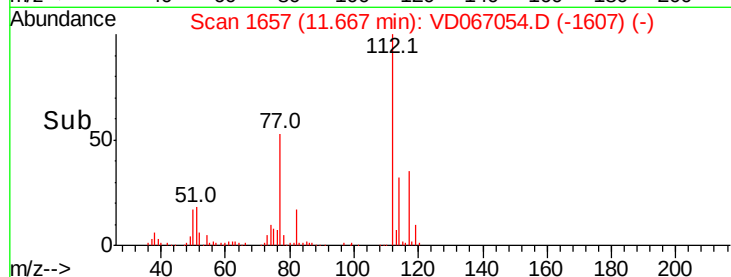
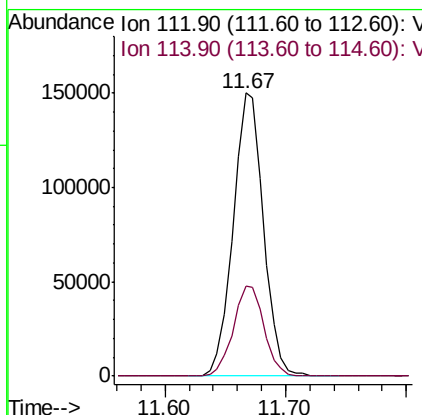
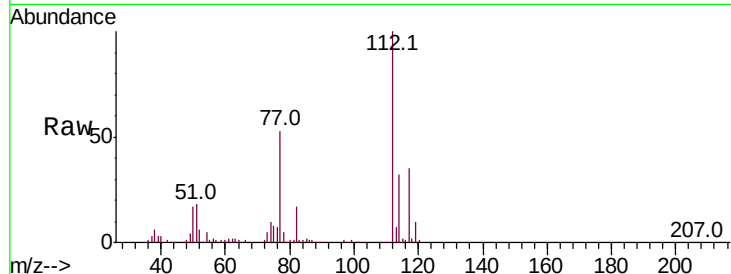




#65
Chlorobenzene
Concen: 20.500 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

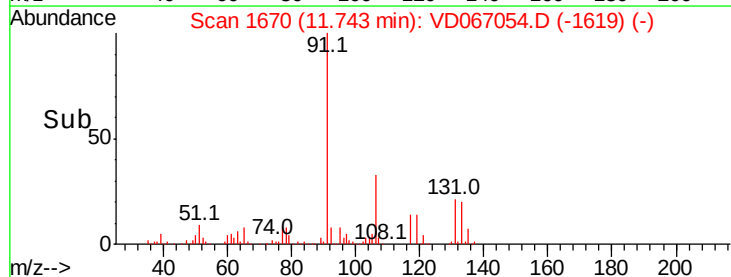
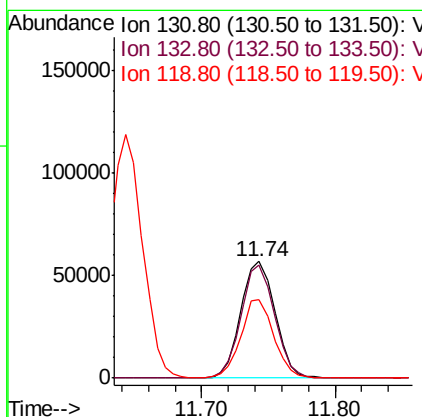
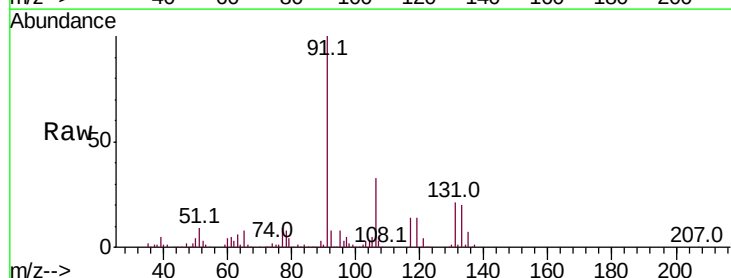
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

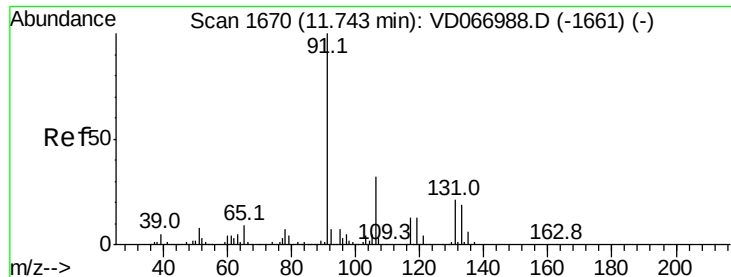
Tot Ion:112 Resp: 261524
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.852 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion:131 Resp: 101188
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.3
119 65.0 32.3 96.8

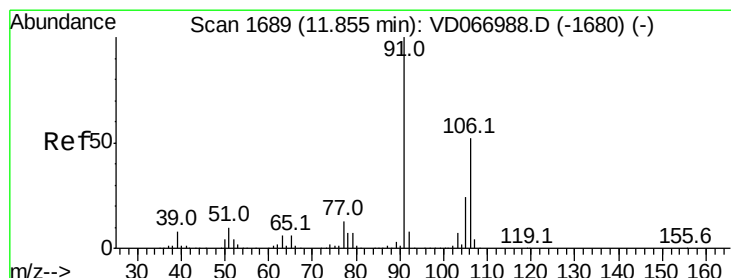
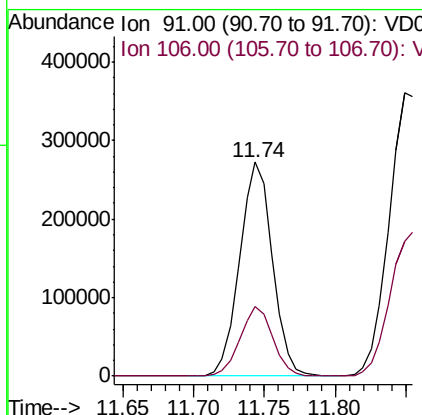
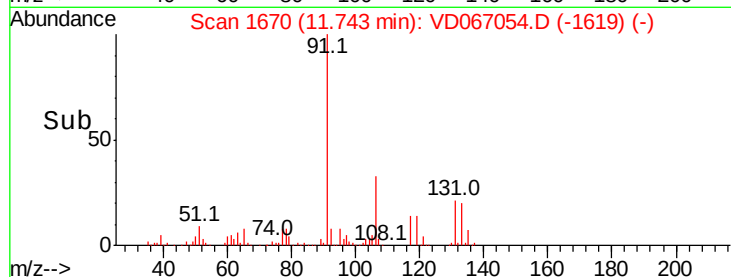
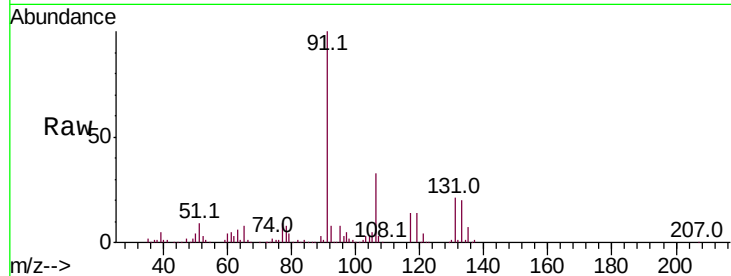




#67
Ethyl Benzene
Concen: 20.267 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

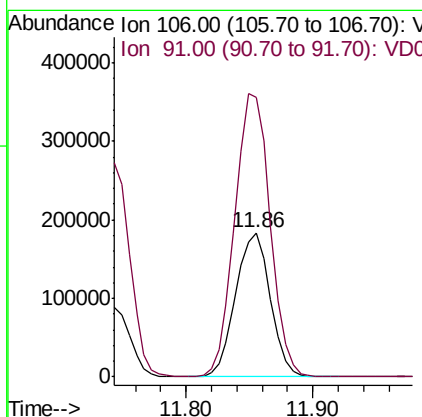
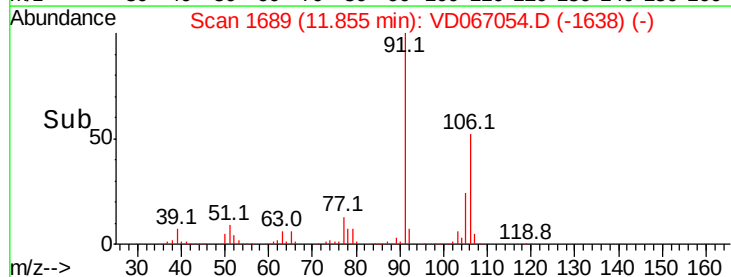
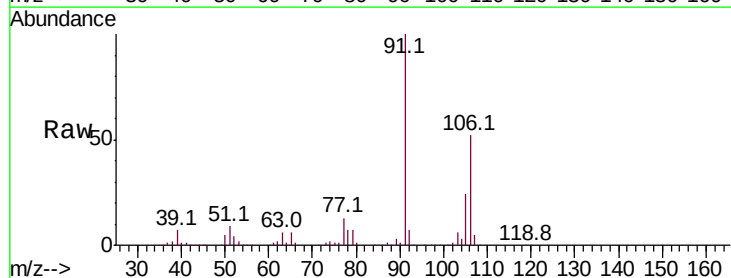
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

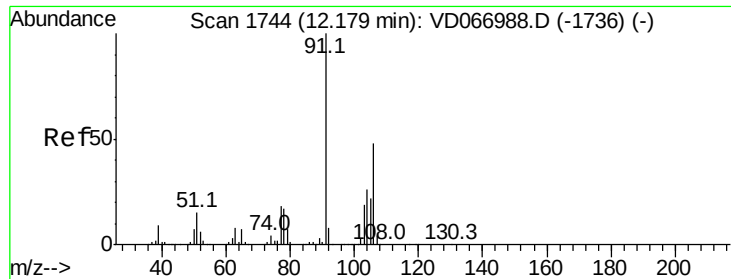
Tot Ion: 91 Resp: 443002
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.2



#68
m/p-Xylenes
Concen: 40.877 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion: 106 Resp: 348206
Ion Ratio Lower Upper
106 100
91 200.7 158.4 237.6

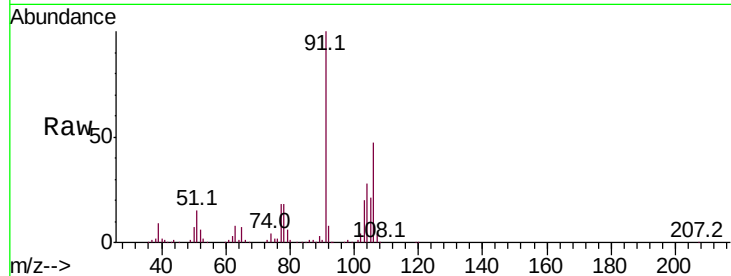




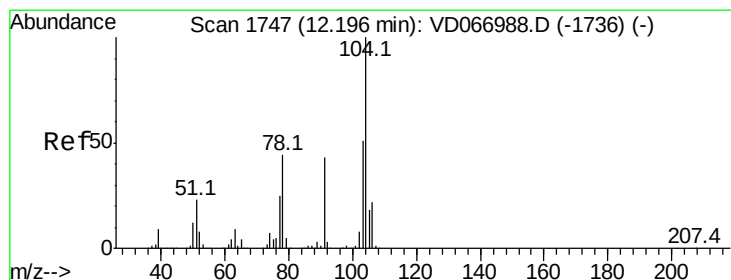
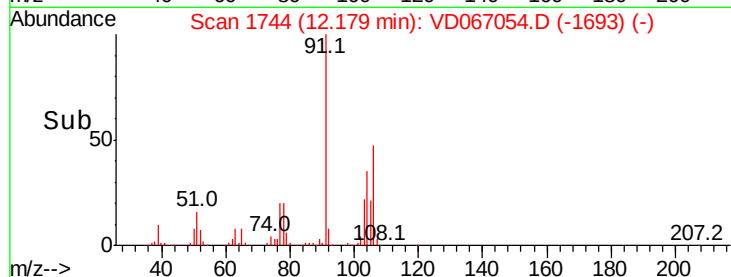
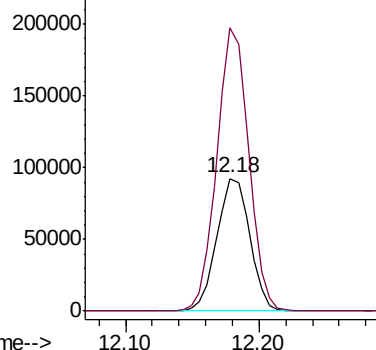
#69
o-Xylene
Concen: 20.677 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

Tot Ion:106 Resp: 157512
Ion Ratio Lower Upper
106 100
91 206.7 102.4 307.2

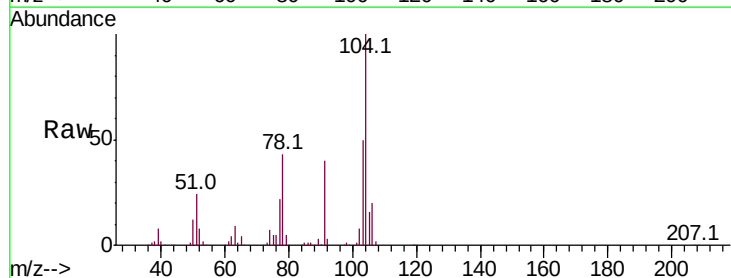


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

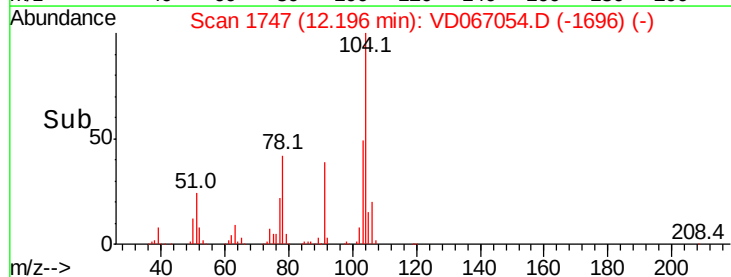
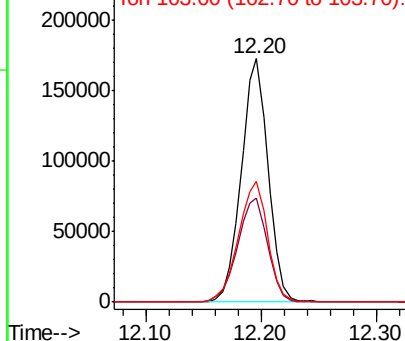


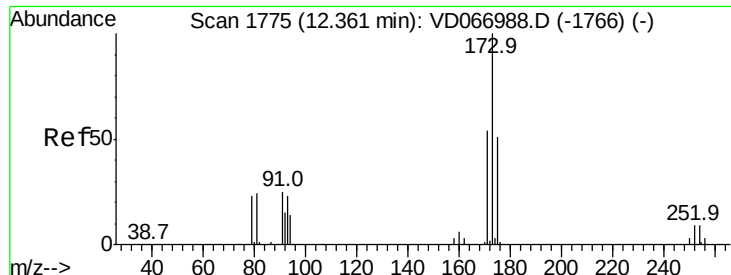
#70
Styrene
Concen: 21.276 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion:104 Resp: 278308
Ion Ratio Lower Upper
104 100
78 47.6 38.6 58.0
103 53.9 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

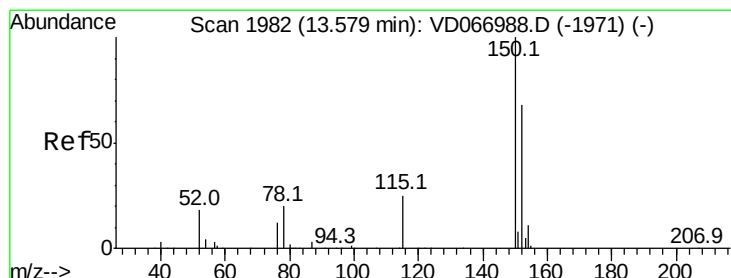
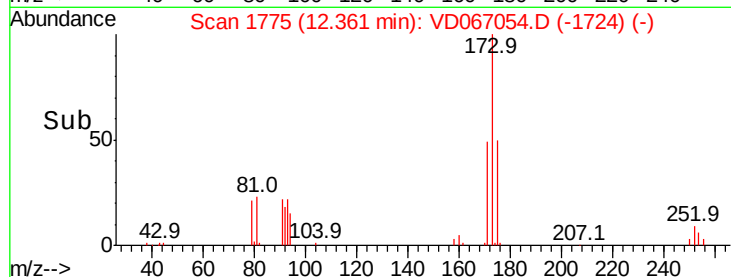
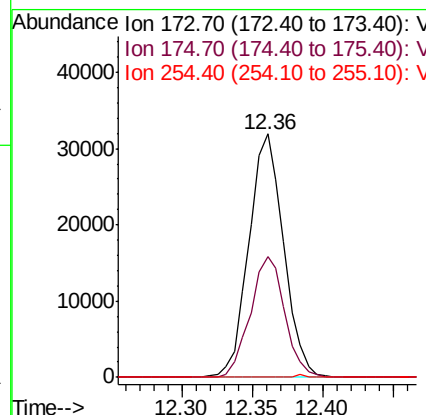
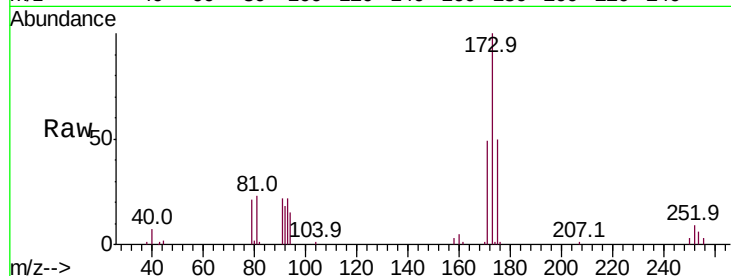




#71
Bromoform
Concen: 21.877 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

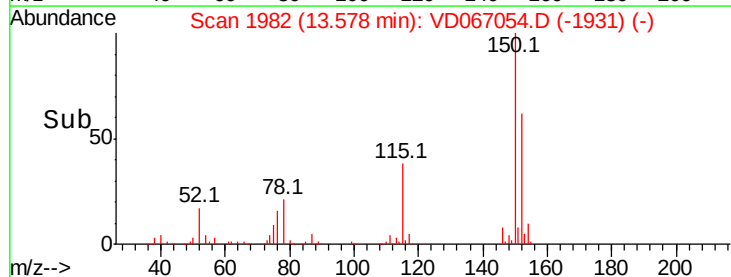
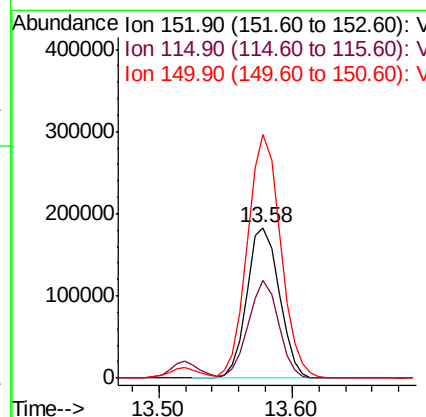
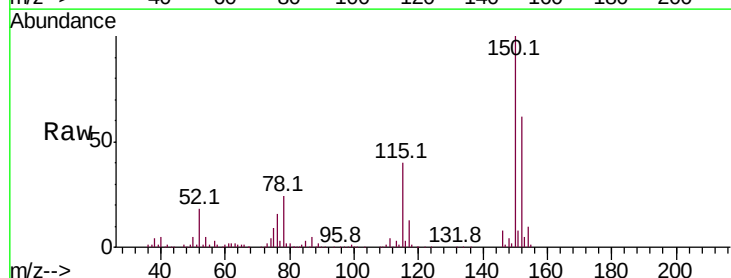
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

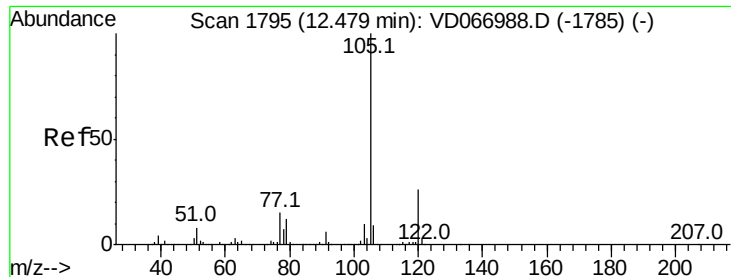
Tot Ion:173 Resp: 55107
Ion Ratio Lower Upper
173 100
175 49.3 24.9 74.7
254 0.0 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion:152 Resp: 306892
Ion Ratio Lower Upper
152 100
115 61.0 29.6 88.8
150 165.9 0.0 344.8





#73

Isopropylbenzene

Concen: 20.225 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

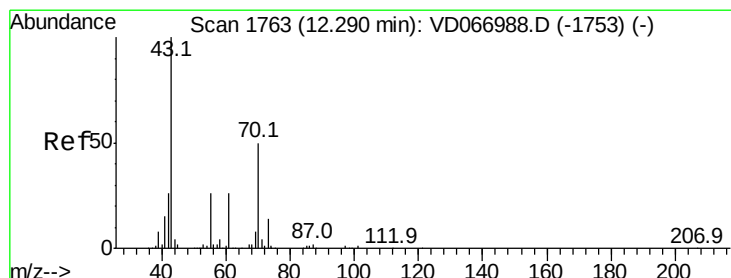
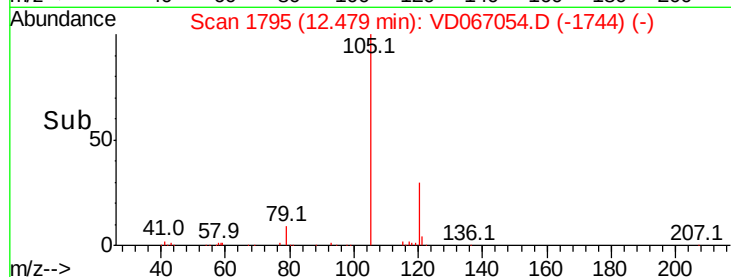
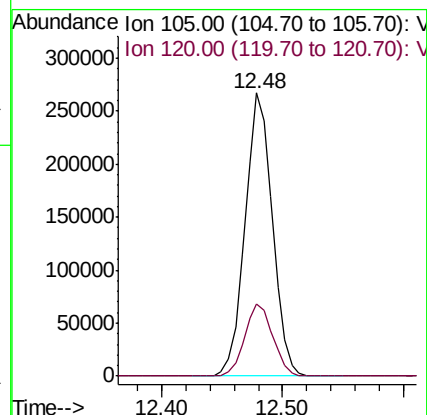
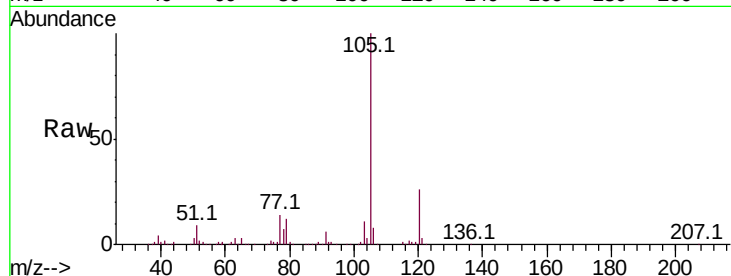
VD1002SBSD02

Tot Ion:105 Resp: 421447

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 19.203 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Tgt Ion: 43 Resp: 71934

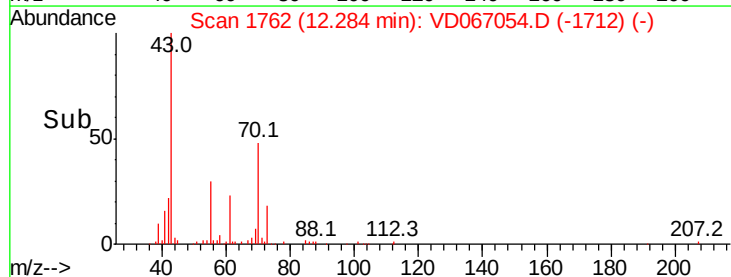
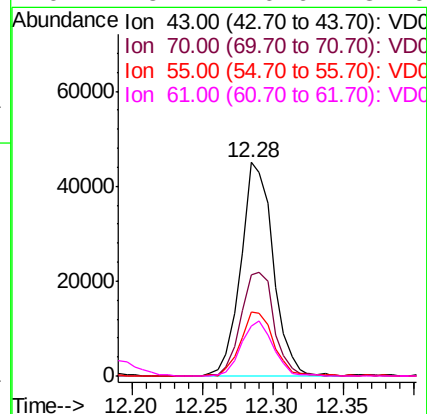
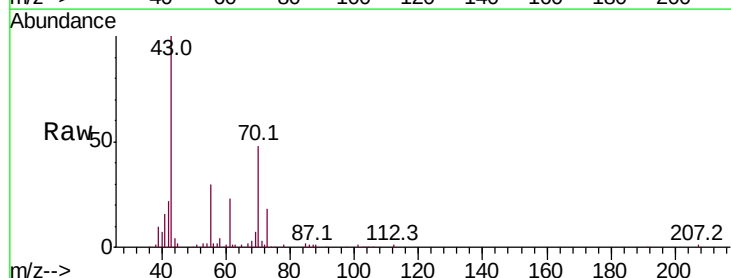
Ion Ratio Lower Upper

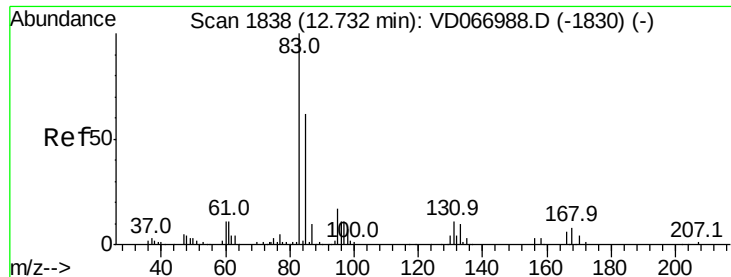
43 100

70 49.9 38.2 57.2

55 30.5 22.4 33.6

61 25.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.536 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBSD02

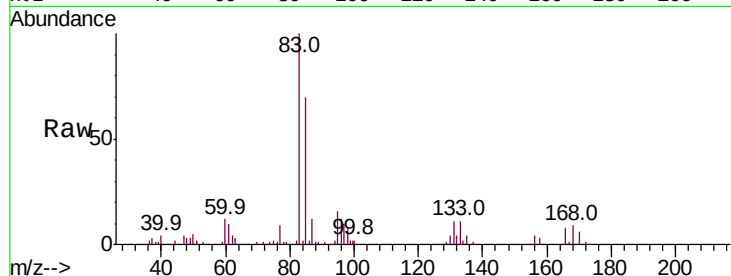
Tot Ion: 83 Resp: 72103

Ion Ratio Lower Upper

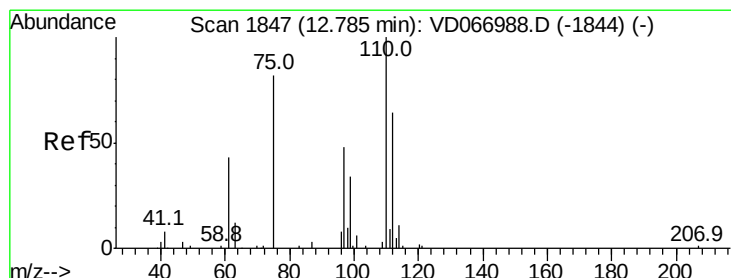
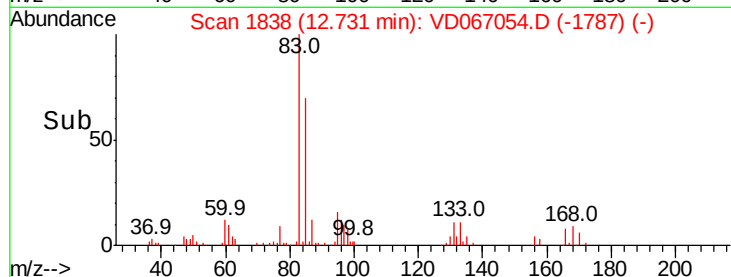
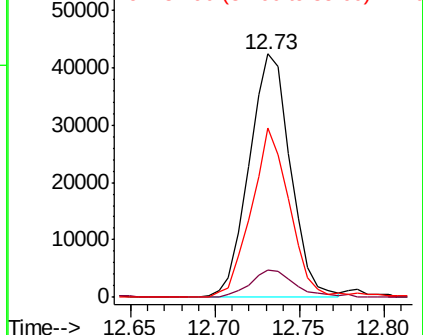
83 100

131 12.1 5.7 17.0

85 64.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 34.469 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD067054.D

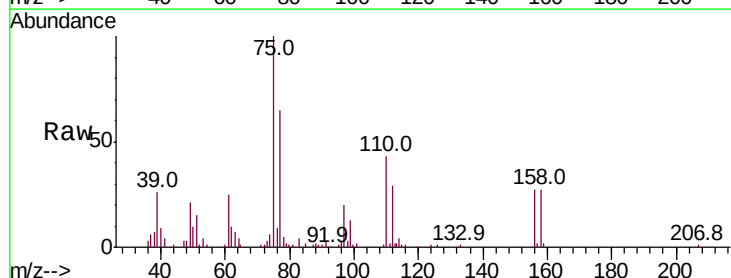
Acq: 03 Oct 2020 01:05

Tgt Ion: 75 Resp: 92141

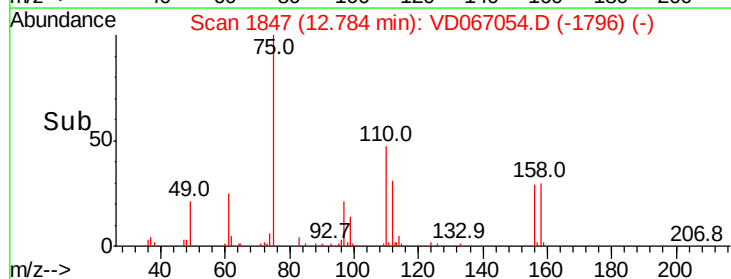
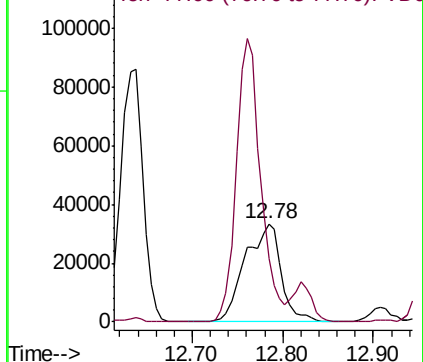
Ion Ratio Lower Upper

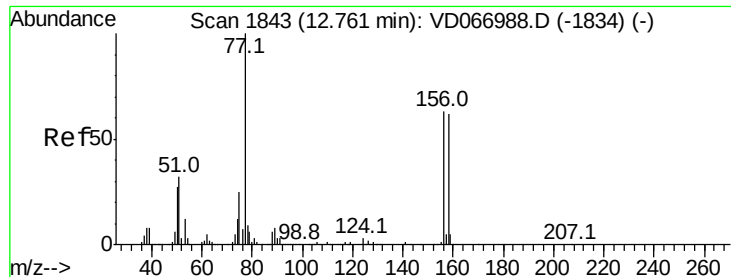
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.860 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBSD02

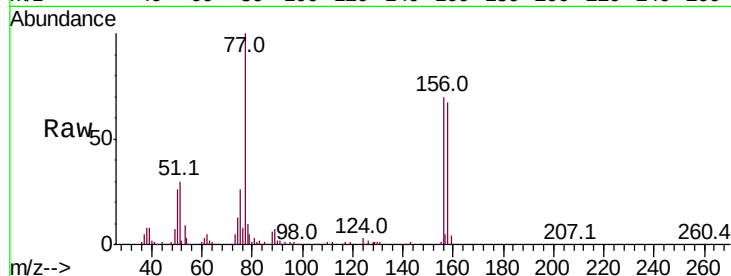
Tot Ion:156 Resp: 109993

Ion Ratio Lower Upper

156 100

77 165.4 86.3 258.8

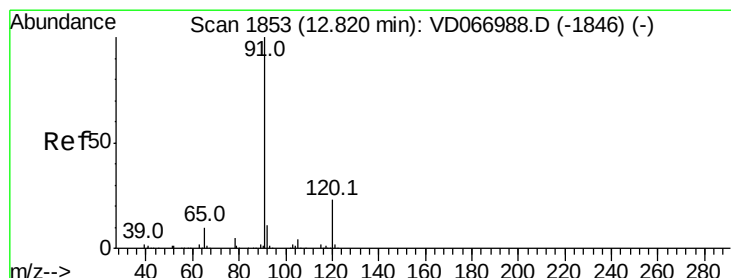
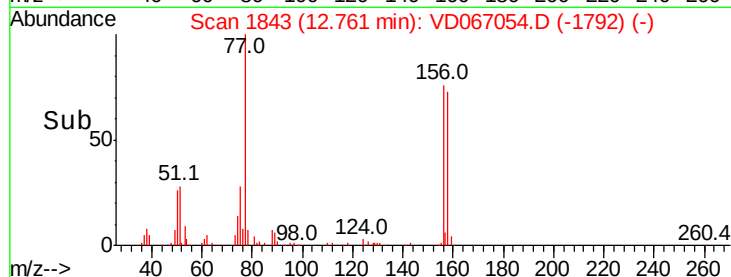
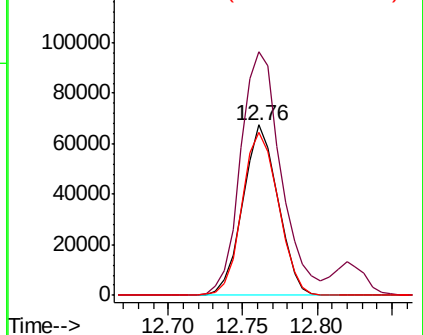
158 98.8 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.334 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD067054.D

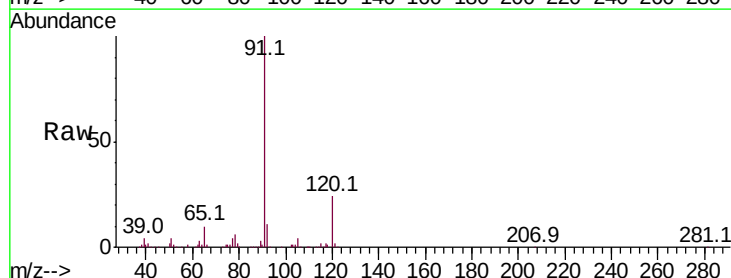
Acq: 03 Oct 2020 01:05

Tgt Ion: 91 Resp: 500782

Ion Ratio Lower Upper

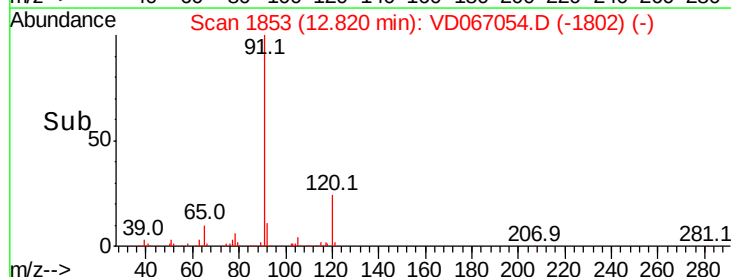
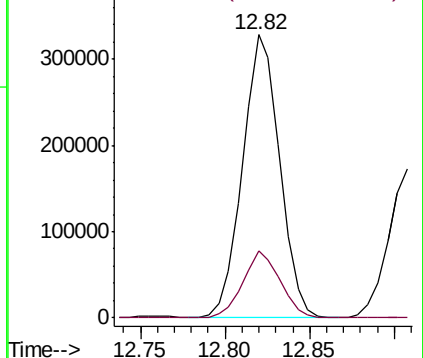
91 100

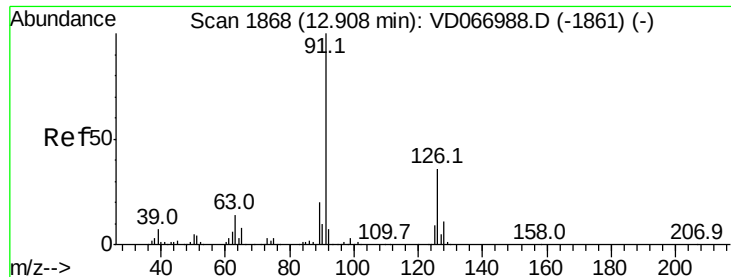
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

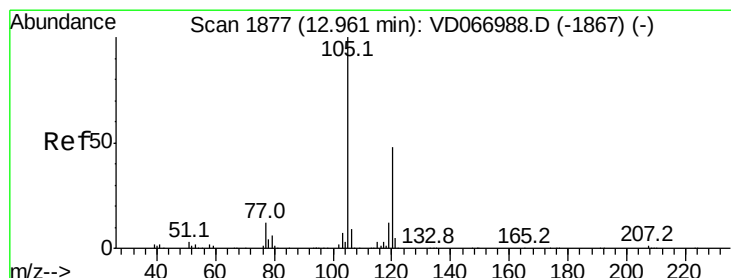
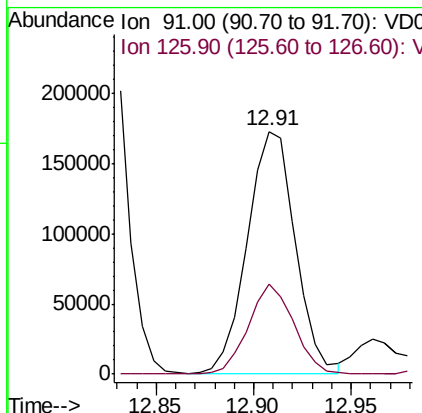
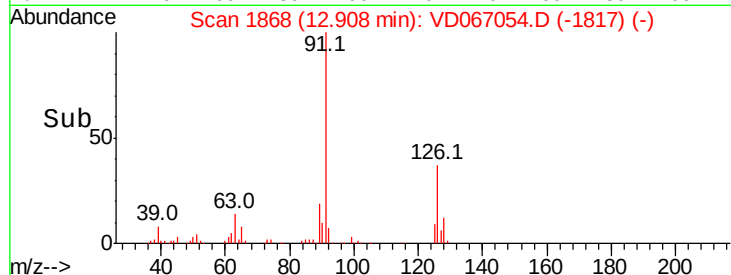
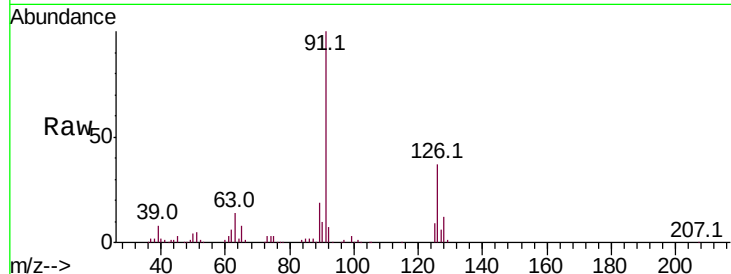




#79
 2-Chlorotoluene
 Concen: 20.882 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

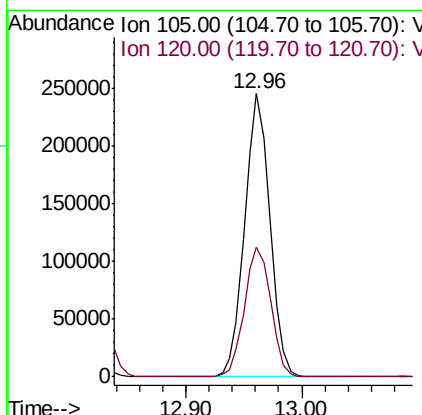
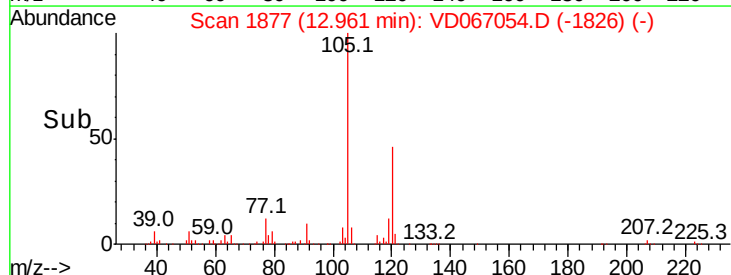
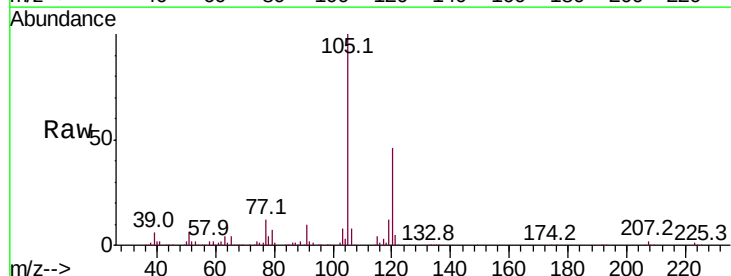
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBSD02

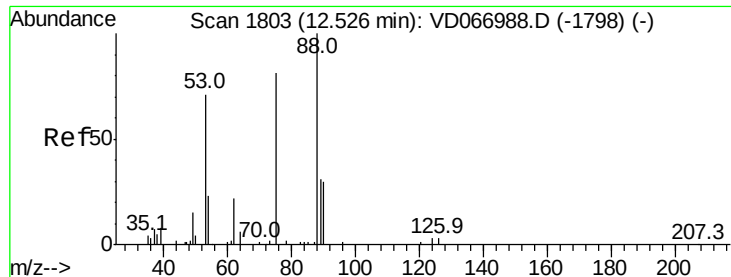
Tot Ion: 91 Resp: 294242
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.236 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

Tgt Ion:105 Resp: 373888
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.117 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBSD02

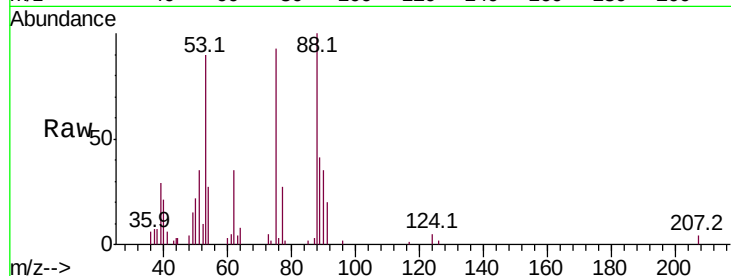
Tot Ion: 75 Resp: 20497

Ion Ratio Lower Upper

75 100

53 94.1 73.8 110.6

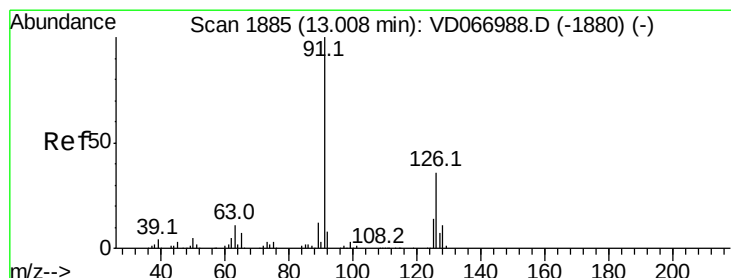
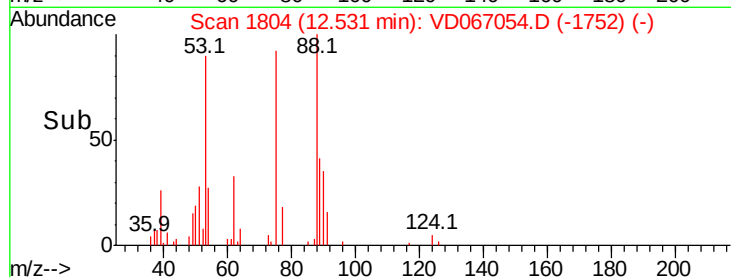
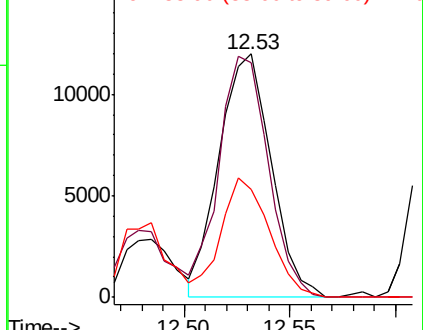
89 45.7 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.586 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067054.D

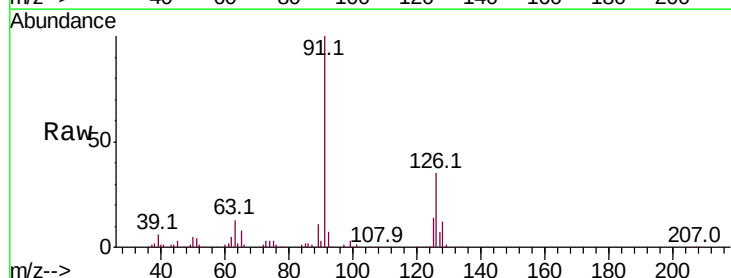
Acq: 03 Oct 2020 01:05

Tgt Ion: 91 Resp: 308611

Ion Ratio Lower Upper

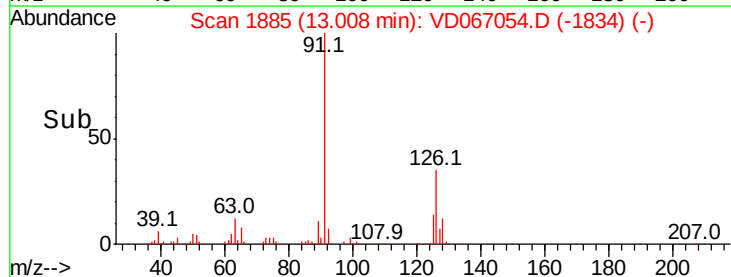
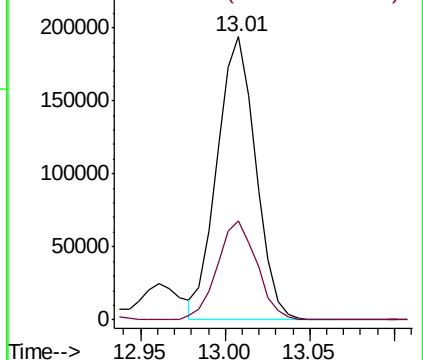
91 100

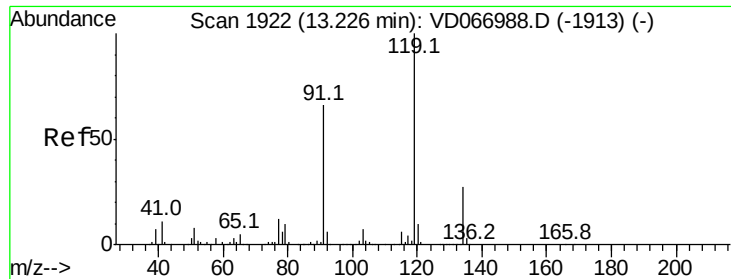
126 35.8 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

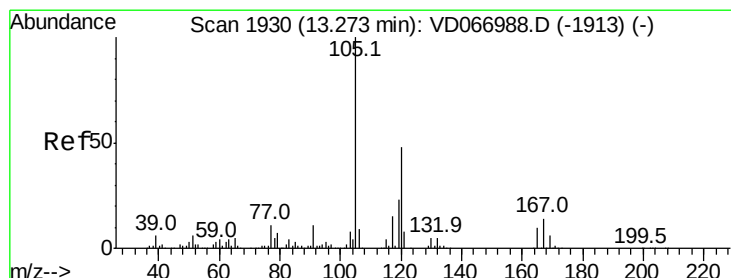
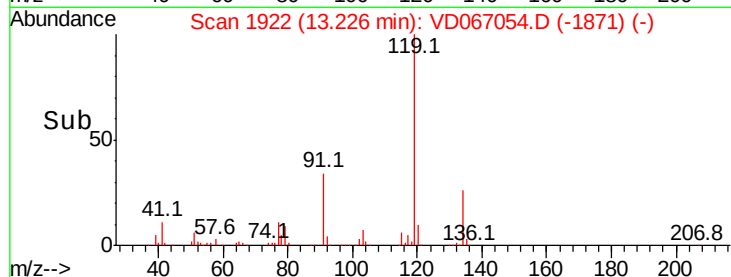
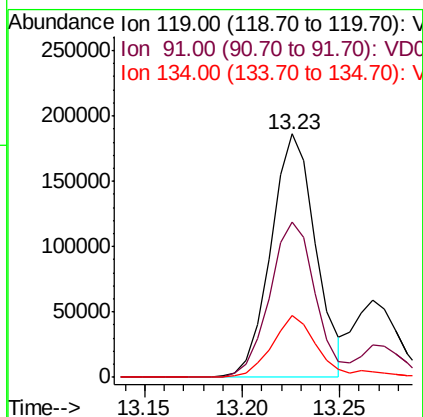
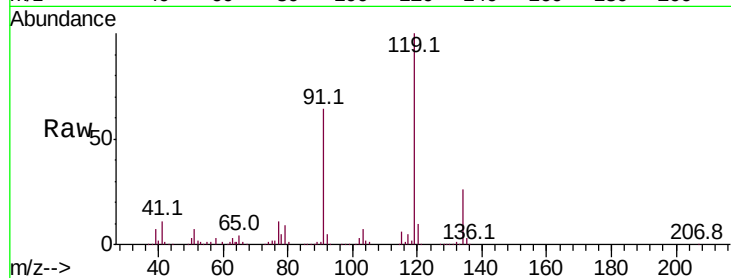




#83
 tert-Butylbenzene
 Concen: 19.982 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

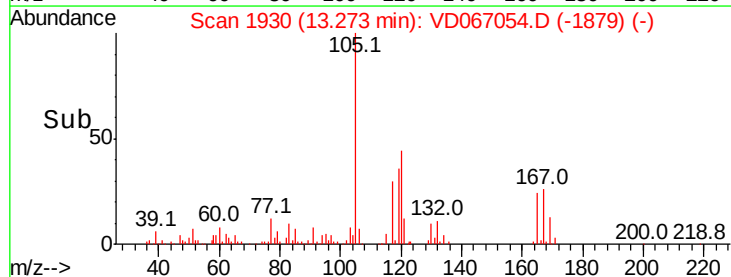
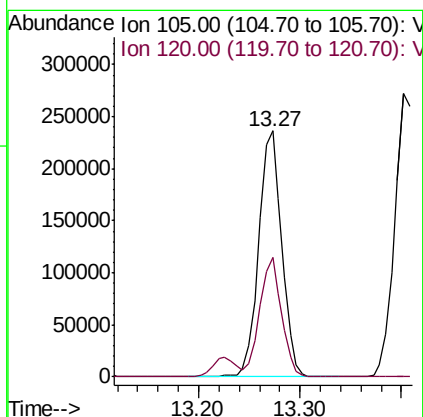
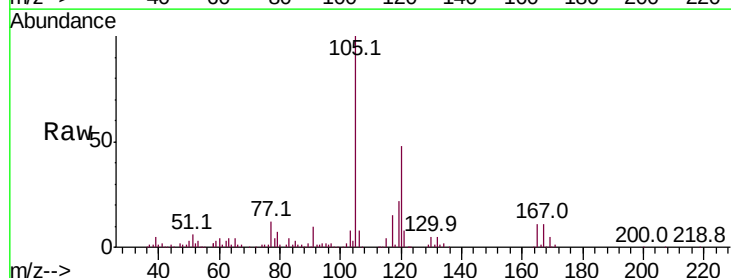
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBSD02

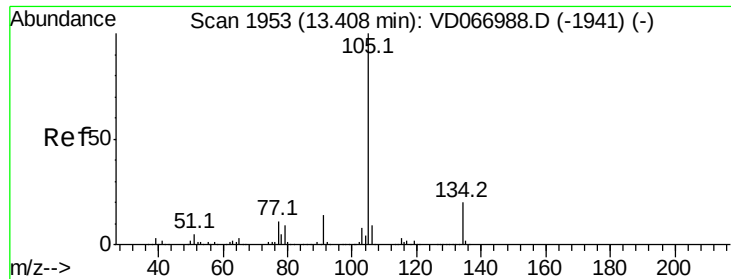
Tot Ion:119 Resp: 296248
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.8 98.3
 134 27.1 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.191 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

Tgt Ion:105 Resp: 372326
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.062 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :

MSVOA_D

ClientSampleId :

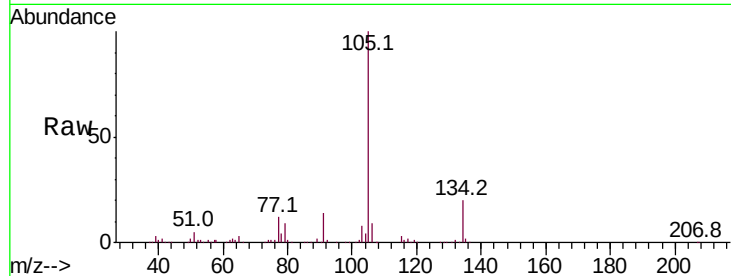
VD1002SBSD02

Tot Ion:105 Resp: 418874

Ion Ratio Lower Upper

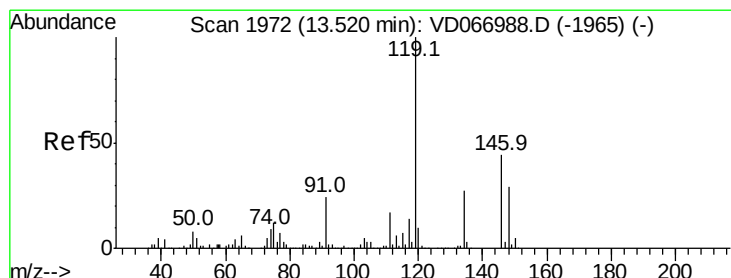
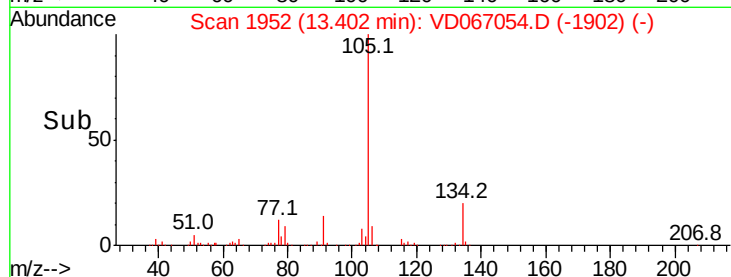
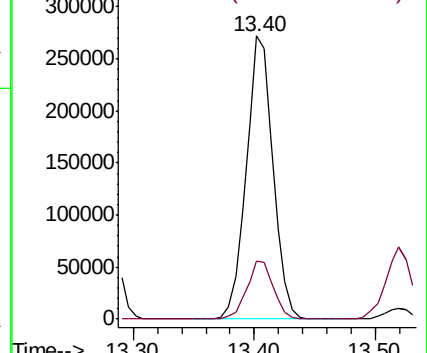
105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.374 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

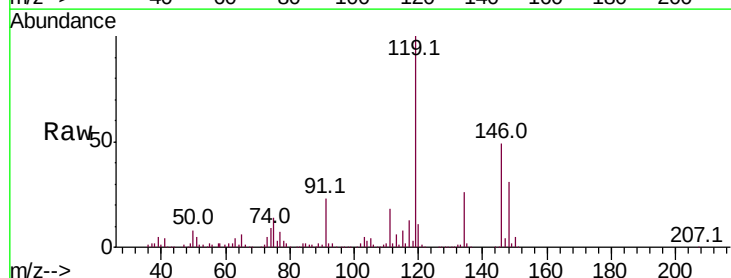
Tgt Ion:119 Resp: 394385

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

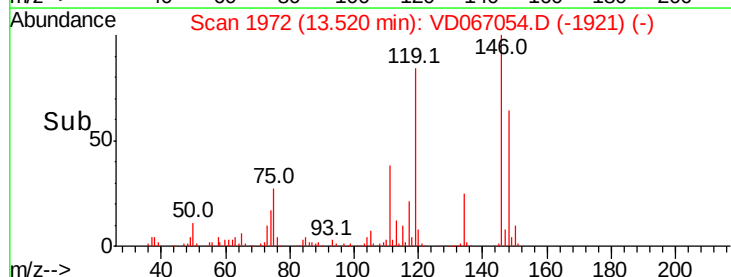
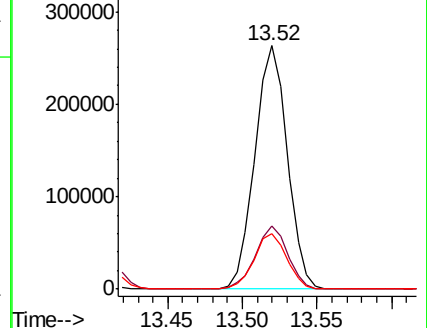
91 23.0 11.7 35.1

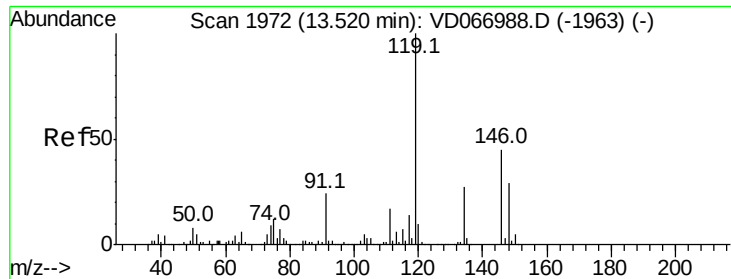


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.186 ug/l

RT: 13.52 min Scan# 1972

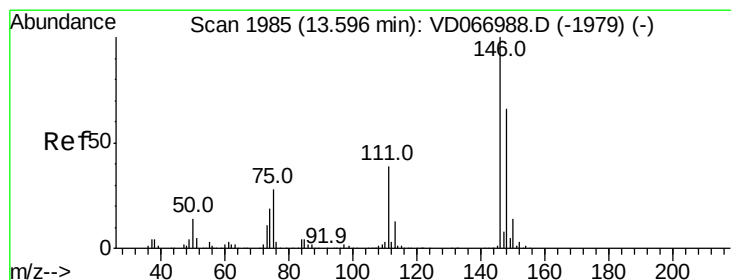
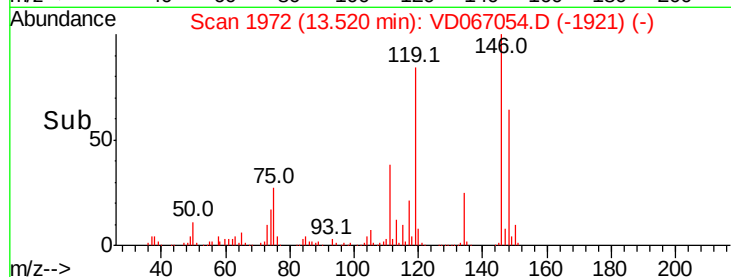
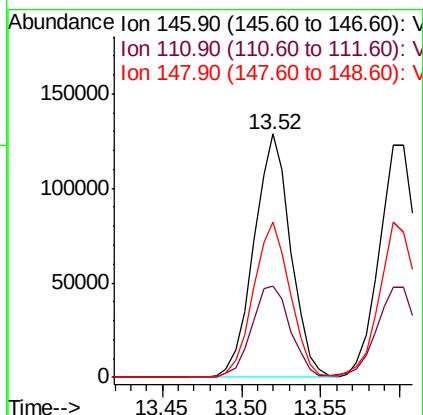
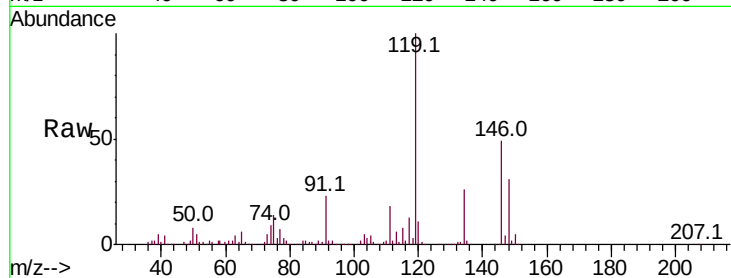
Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	63.8	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 20.748 ug/l

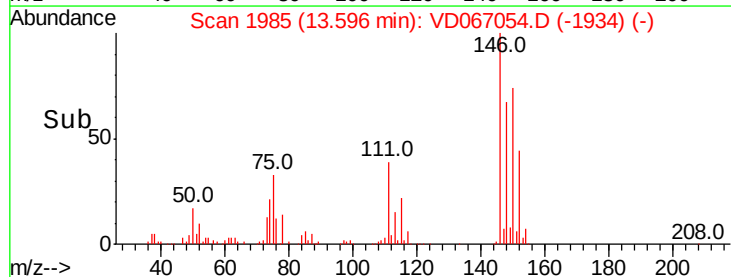
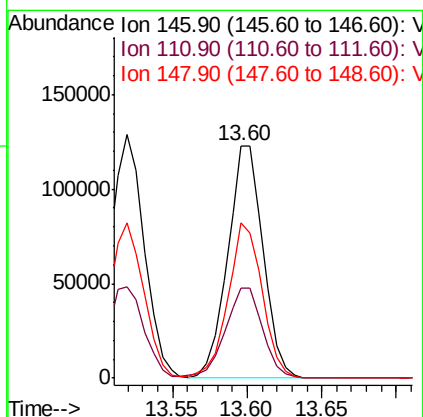
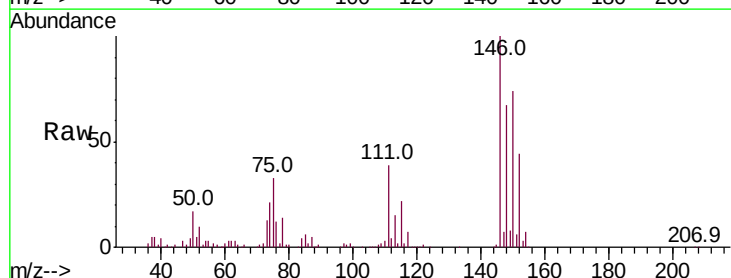
RT: 13.60 min Scan# 1985

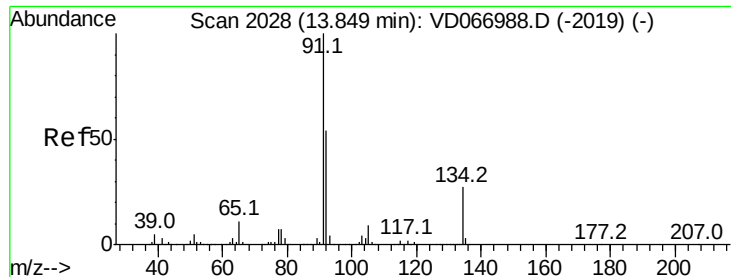
Delta R.T. -0.00 min

Lab File: VD067054.D

Acq: 03 Oct 2020 01:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.6	58.7
148	64.7	32.6	97.7

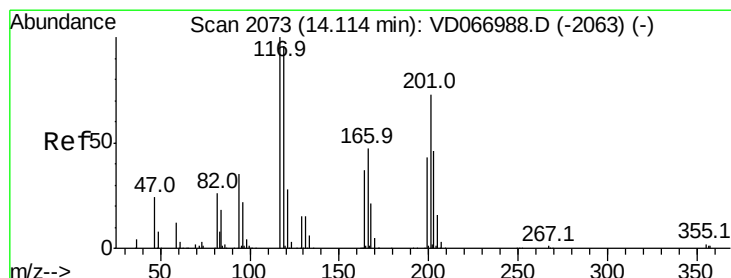
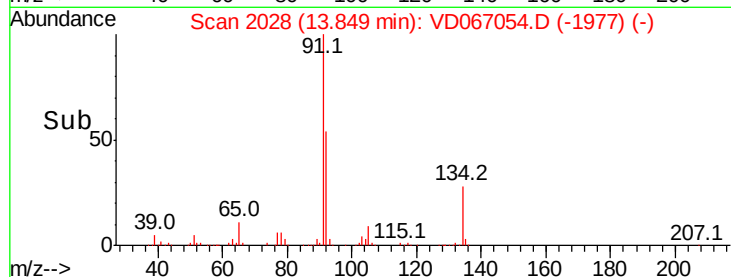
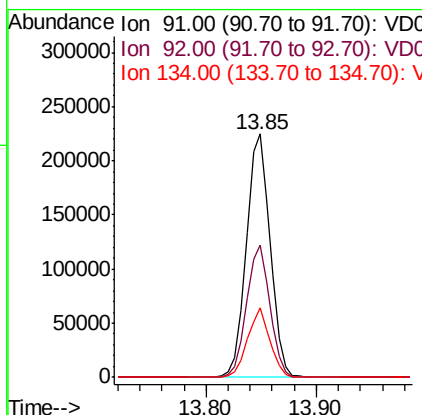
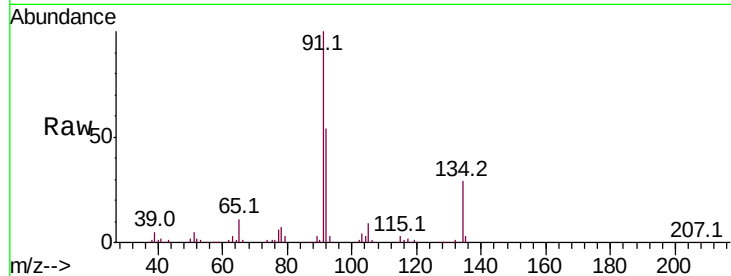




#89
n-Butylbenzene
Concen: 19.208 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

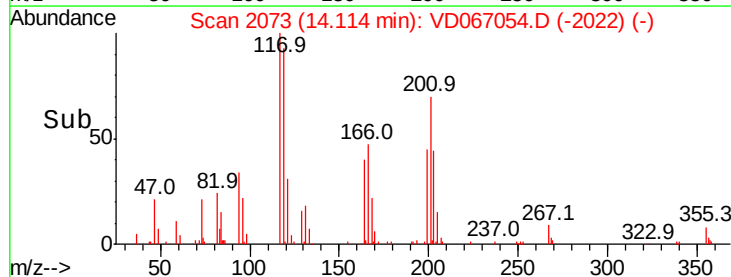
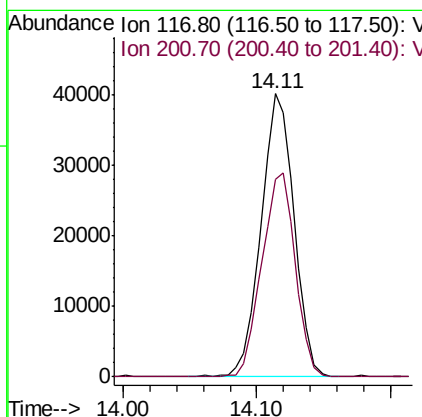
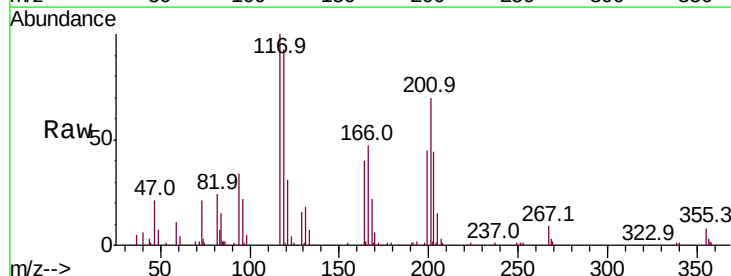
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

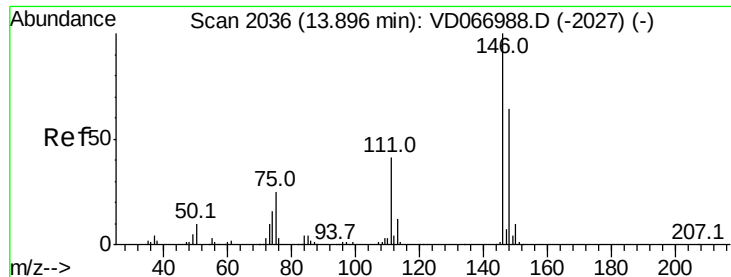
Tot Ion: 91 Resp: 339794
Ion Ratio Lower Upper
91 100
92 53.5 27.1 81.2
134 26.7 13.6 40.8



#90
Hexachloroethane
Concen: 20.235 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion: 117 Resp: 68609
Ion Ratio Lower Upper
117 100
201 73.2 37.0 110.9

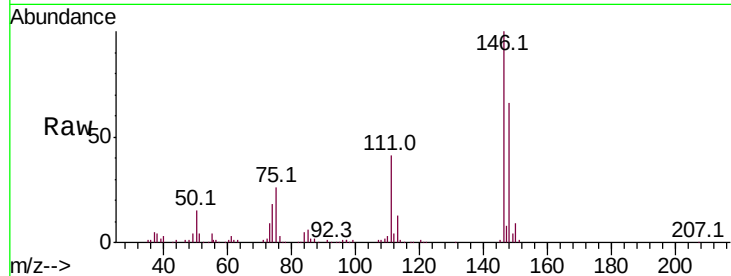




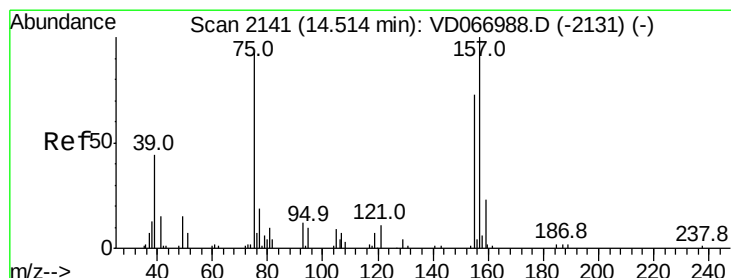
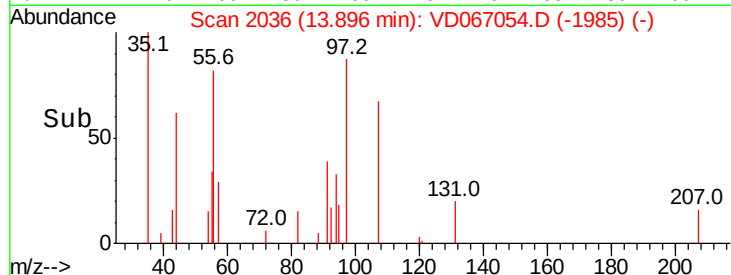
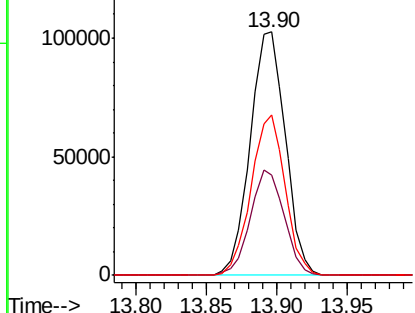
#91
1,2-Dichlorobenzene
Concen: 21.058 ug/l
RT: 13.90 min Scan# 2036
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.9	62.7
148	63.5	32.3	96.9

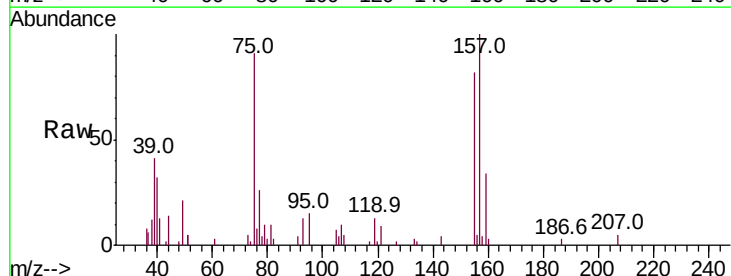


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

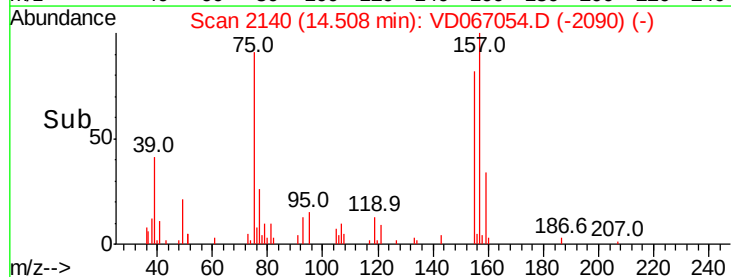
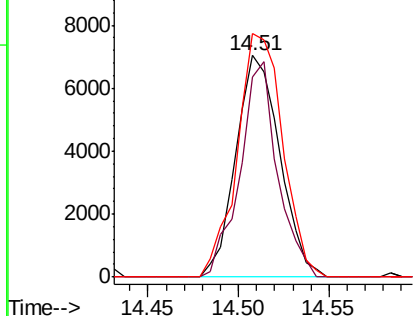


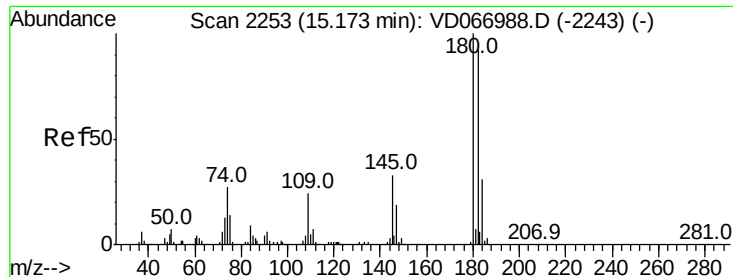
#92
1,2-Dibromo-3-Chloropropane
Concen: 21.007 ug/l
RT: 14.51 min Scan# 2140
Delta R.T. -0.01 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	45.2	135.6
157	113.5	56.3	168.8



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

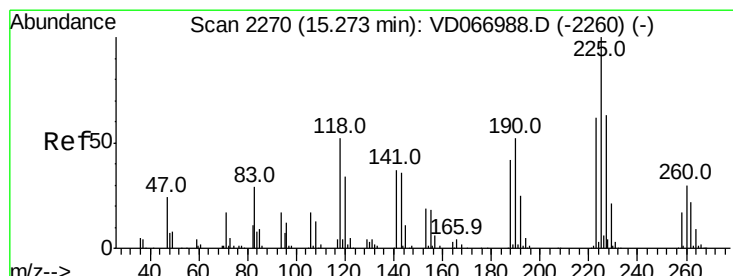
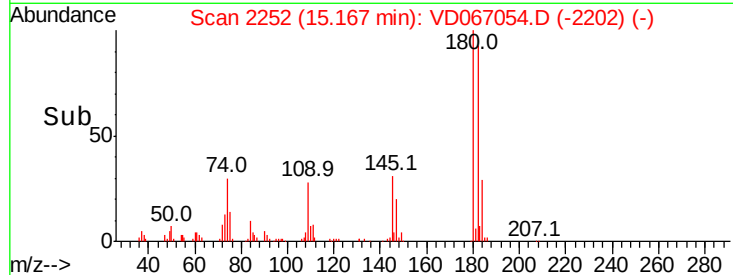
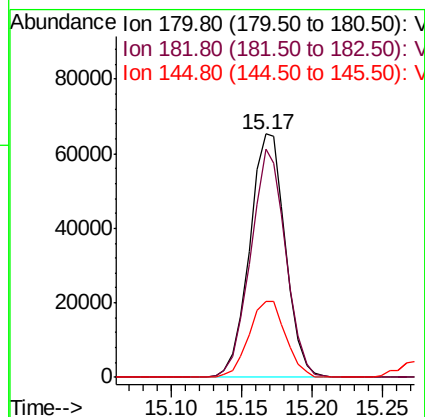
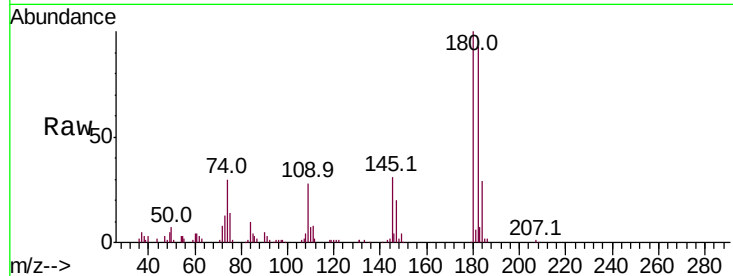




#93
 1,2,4-Trichlorobenzene
 Concen: 20.919 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

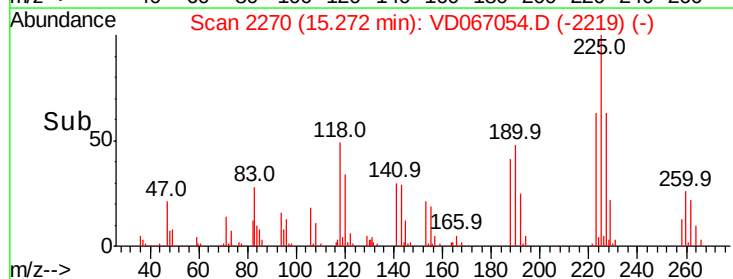
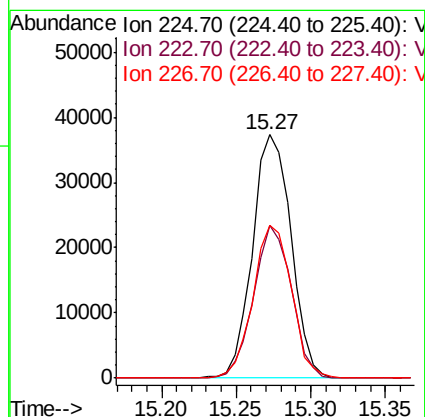
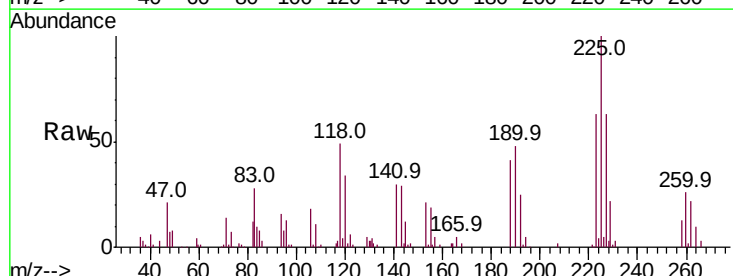
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBSD02

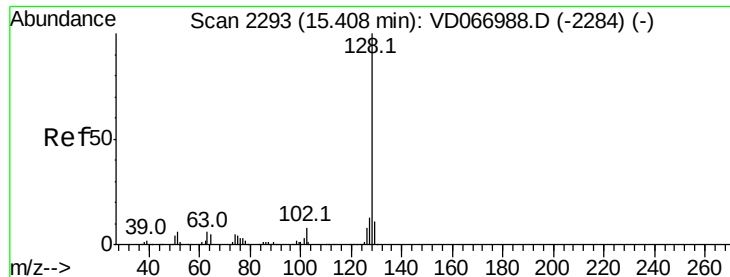
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.3	142.0
145	32.2	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 19.595 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067054.D
 Acq: 03 Oct 2020 01:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	32.4	97.0
227	62.6	31.6	95.0

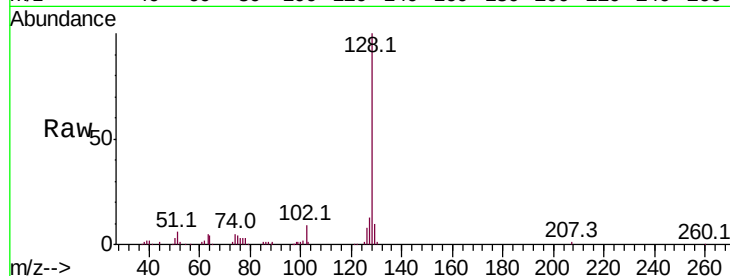




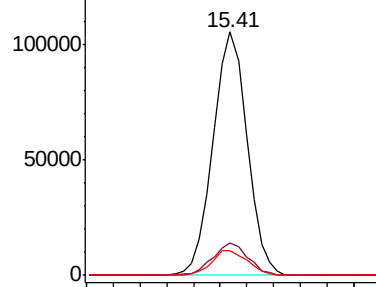
#95
Naphthalene
Concen: 20.149 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBSD02

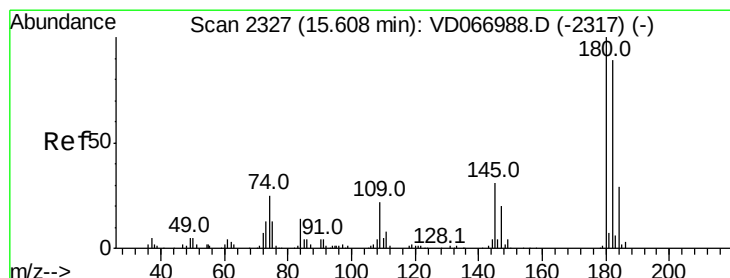
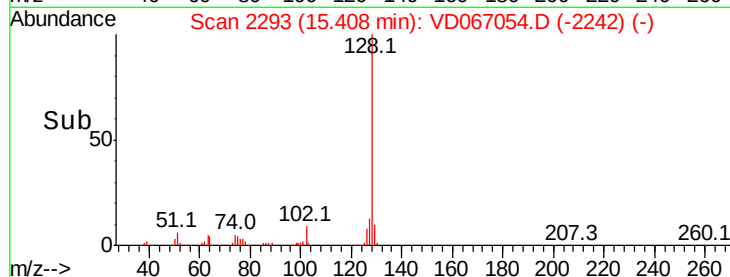
Tot Ion:128 Resp: 186072
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

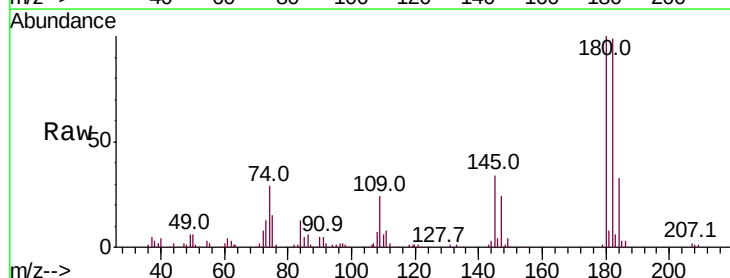


Time--> 15.30 15.40 15.50

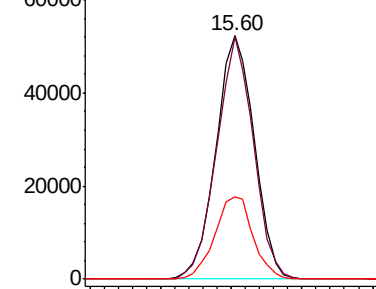


#96
1,2,3-Trichlorobenzene
Concen: 20.707 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067054.D
Acq: 03 Oct 2020 01:05

Tgt Ion:180 Resp: 99523
Ion Ratio Lower Upper
180 100
182 95.4 46.4 139.1
145 33.8 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time--> 15.50 15.55 15.60 15.65

