

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066104.D
 Acq On : 30 Jul 2020 11:45
 Operator : VA/SY
 Sample : VD0730SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBS01

Quant Time: Jul 31 01:53:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	222236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	306564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	291308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	161972	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	103451	57.21	ug/l	0.00
Spiked Amount						
			Recovery	=	114.42%	
35) Dibromofluoromethane	7.91	113	102243	54.99	ug/l	0.00
Spiked Amount						
			Recovery	=	109.98%	
50) Toluene-d8	10.34	98	383979	55.43	ug/l	0.00
Spiked Amount						
			Recovery	=	110.86%	
62) 4-Bromofluorobenzene	12.64	95	136875	56.99	ug/l	0.00
Spiked Amount						
			Recovery	=	113.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	40067	23.757	ug/l	96
3) Chloromethane	2.21	50	28437	20.661	ug/l	93
4) Vinyl Chloride	2.35	62	28783	21.960	ug/l	96
5) Bromomethane	2.76	94	20801	19.507	ug/l	96
6) Chloroethane	2.92	64	18016	23.026	ug/l	96
7) Trichlorofluoromethane	3.27	101	74356	23.324	ug/l	98
8) Diethyl Ether	3.71	74	18364	20.840	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.09	101	43124	22.403	ug/l	99
10) Methyl Iodide	4.30	142	40390	25.923	ug/l	94
11) Tert butyl alcohol	5.21	59	13223	99.946	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	37037	20.157	ug/l	89
13) Acrolein	3.93	56	10792	70.835	ug/l	94
14) Allyl chloride	4.71	41	53905	18.767	ug/l	89
15) Acrylonitrile	5.42	53	34927	92.775	ug/l	98
16) Acetone	4.16	43	34788	95.042	ug/l	93
17) Carbon Disulfide	4.41	76	114192	19.159	ug/l	100
18) Methyl Acetate	4.71	43	15270	17.933	ug/l	91
19) Methyl tert-butyl Ether	5.48	73	78702	20.847	ug/l	95
20) Methylene Chloride	4.96	84	48635	22.393	ug/l	95
21) trans-1,2-Dichloroethene	5.48	96	41306	19.890	ug/l	94
22) Diisopropyl ether	6.36	45	103207	18.913	ug/l	96
23) Vinyl Acetate	6.30	43	293993	95.530	ug/l	95
24) 1,1-Dichloroethane	6.27	63	69628	21.059	ug/l	94
25) 2-Butanone	7.21	43	45674	94.040	ug/l	92
26) 2,2-Dichloropropane	7.21	77	67949	22.853	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	46141	20.985	ug/l	98
28) Bromochloromethane	7.54	49	26869	19.147	ug/l	88
29) Tetrahydrofuran	7.56	42	26006	86.781	ug/l	94
30) Chloroform	7.71	83	76646	22.161	ug/l	99
31) Cyclohexane	7.98	56	61191	18.812	ug/l #	92
32) 1,1,1-Trichloroethane	7.90	97	75297	23.536	ug/l	99
36) 1,1-Dichloropropene	8.11	75	59021	22.558	ug/l	98
37) Ethyl Acetate	7.29	43	17253	17.267	ug/l	99
38) Carbon Tetrachloride	8.10	117	72959	25.700	ug/l	97

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VD0730SBS01

Quant Time: Jul 31 01:53:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	69940	22.074	ug/l	97
40) Benzene	8.35	78	155525	21.247	ug/l	100
41) Methacrylonitrile	7.53	41	10668	18.637	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	48543	24.201	ug/l	97
43) Isopropyl Acetate	8.45	43	38176	19.562	ug/l	97
44) Trichloroethene	9.11	130	49009	22.126	ug/l	91
45) 1,2-Dichloropropane	9.39	63	36285	20.468	ug/l	96
46) Dibromomethane	9.47	93	20969	21.972	ug/l	96
47) Bromodichloromethane	9.66	83	57854	22.927	ug/l	90
48) Methyl methacrylate	9.46	41	18321	18.611	ug/l #	82
49) 1,4-Dioxane	9.46	88	4161	376.338	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	95714	97.339	ug/l	98
52) Toluene	10.40	92	110731	23.197	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	54670	23.255	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	63368	22.237	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	30417	22.473	ug/l	94
56) Ethyl methacrylate	10.66	69	34290	21.790	ug/l #	94
57) 1,3-Dichloropropane	10.95	76	48966	21.854	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	87299	116.130	ug/l	97
59) 2-Hexanone	10.98	43	71435	104.832	ug/l	99
60) Dibromochloromethane	11.14	129	44105	24.168	ug/l	99
61) 1,2-Dibromoethane	11.25	107	29584	22.669	ug/l	100
64) Tetrachloroethene	10.88	164	45489	23.007	ug/l	95
65) Chlorobenzene	11.67	112	121711	22.819	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	47365	24.050	ug/l	97
67) Ethyl Benzene	11.75	91	210261	22.907	ug/l	97
68) m/p-Xylenes	11.86	106	165222	46.832	ug/l	97
69) o-Xylene	12.18	106	75592	23.558	ug/l	100
70) Styrene	12.20	104	130657	23.699	ug/l	99
71) Bromoform	12.36	173	27237	23.610	ug/l #	98
73) Isopropylbenzene	12.48	105	213832	21.818	ug/l	99
74) N-amyl acetate	12.29	43	37301	18.356	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	30778	19.002	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	43003	35.261	ug/l #	100
77) Bromobenzene	12.77	156	52929	21.131	ug/l	93
78) n-propylbenzene	12.83	91	248490	21.849	ug/l	100
79) 2-Chlorotoluene	12.91	91	137319	21.134	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	181257	22.510	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	11093	20.872	ug/l	100
82) 4-Chlorotoluene	13.01	91	149201	21.755	ug/l	100
83) tert-Butylbenzene	13.23	119	153421	21.774	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	181837	22.889	ug/l	94
85) sec-Butylbenzene	13.41	105	212196	21.864	ug/l	99
86) p-Isopropyltoluene	13.53	119	205012	23.251	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	105147	22.610	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	103335	21.981	ug/l	99
89) n-Butylbenzene	13.85	91	178752	21.803	ug/l	99
90) Hexachloroethane	14.12	117	39577	21.682	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	90852	22.545	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5325	20.060	ug/l	97

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Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Instrument :
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ClientSampleId :
VD0730SBSD01

Quant Time: Jul 31 01:53:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

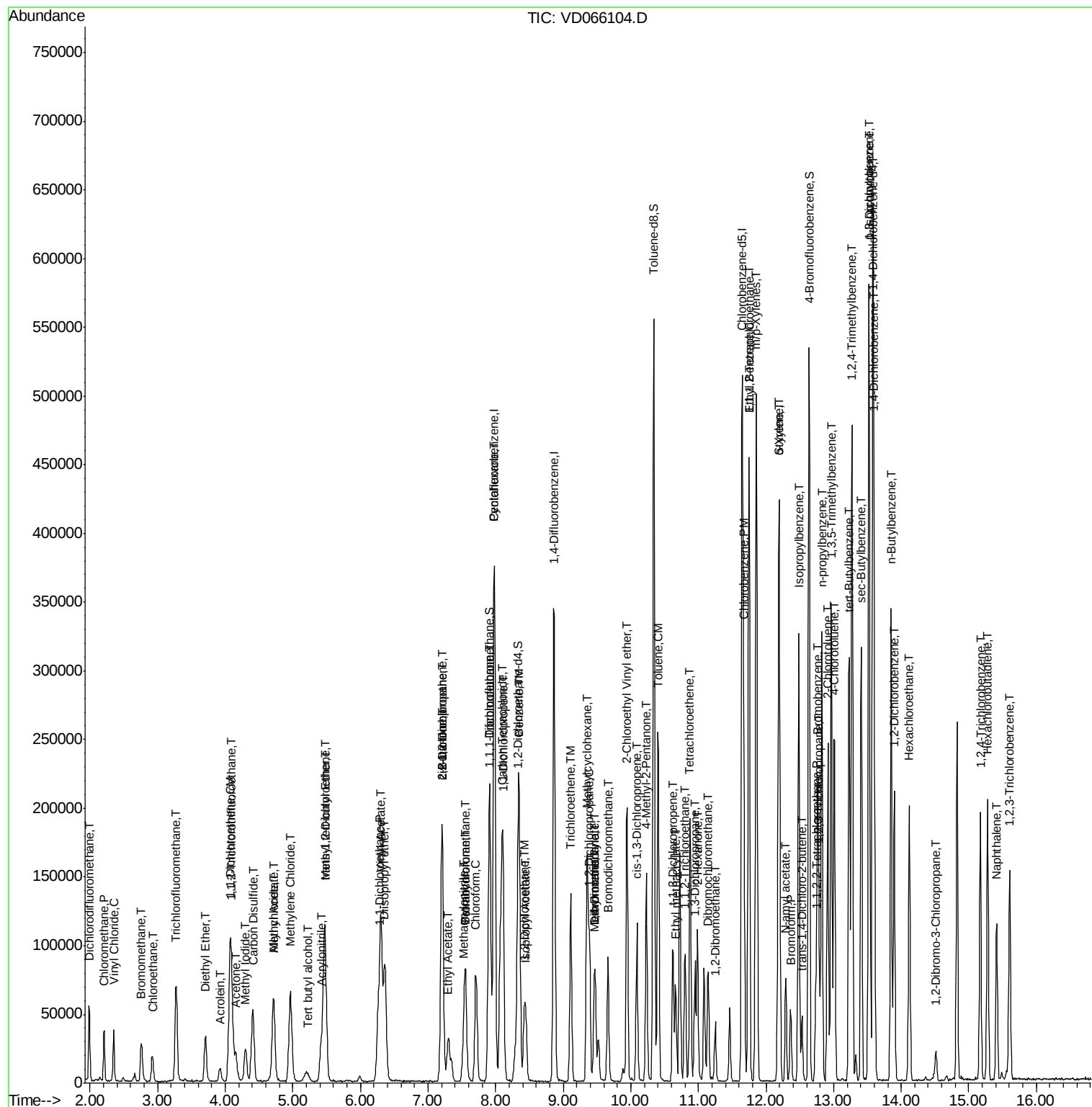
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	64847	22.419	ug/l	97
94) Hexachlorobutadiene	15.28	225	40526	22.662	ug/l	94
95) Naphthalene	15.41	128	98827	21.397	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	56773	22.577	ug/l	99

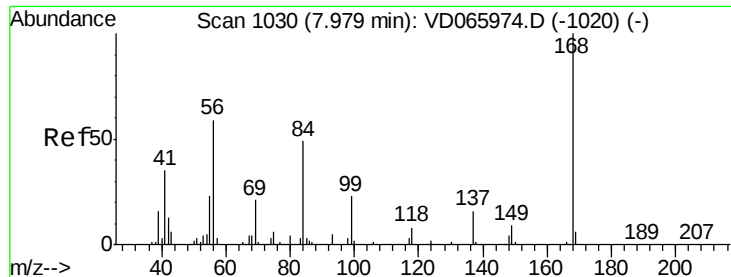
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066104.D
Acq On : 30 Jul 2020 11:45
Operator : VA/SY
Sample : VD0730SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
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Quant Time: Jul 31 01:53:04 2020
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

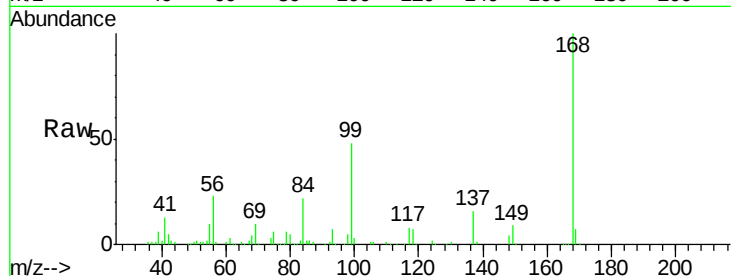
VD0730SBSD01

Tot Ion:168 Resp: 222236

Ion Ratio Lower Upper

168 100

99 47.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

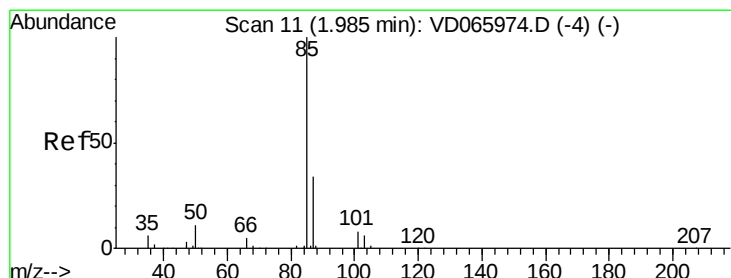
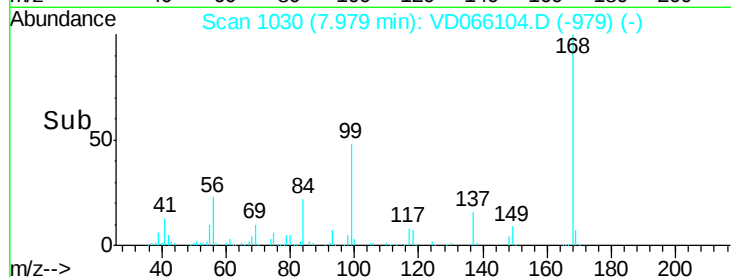
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 23.757 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066104.D

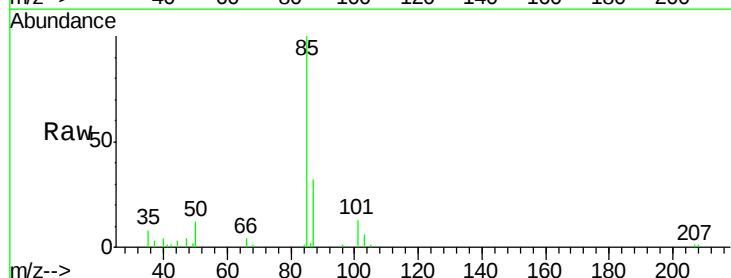
Acq: 30 Jul 2020 11:45

Tgt Ion: 85 Resp: 40067

Ion Ratio Lower Upper

85 100

87 32.5 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

25000

20000

15000

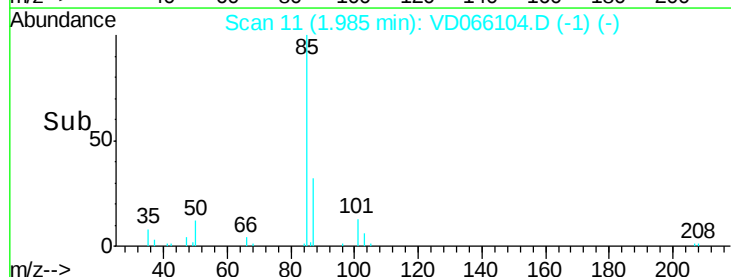
10000

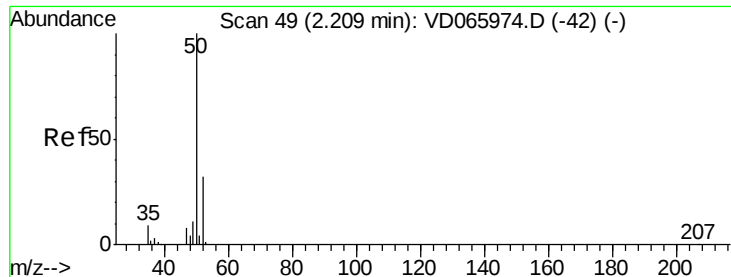
5000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.661 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

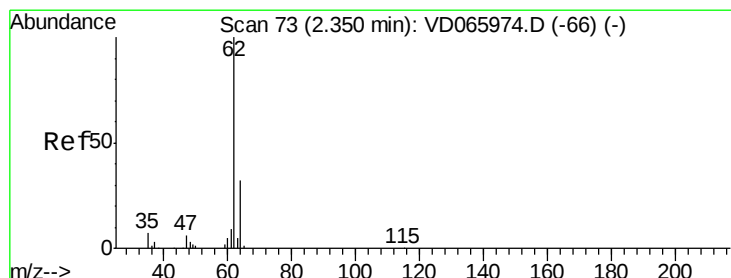
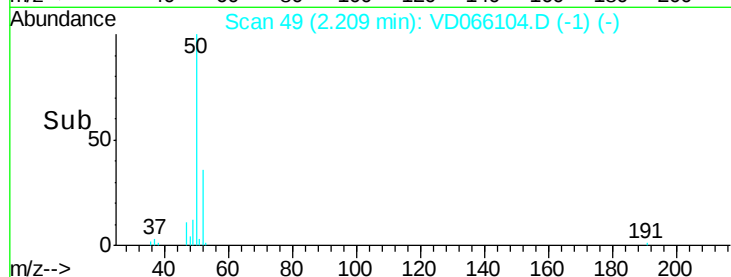
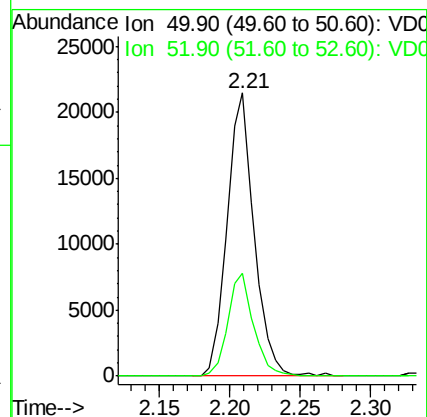
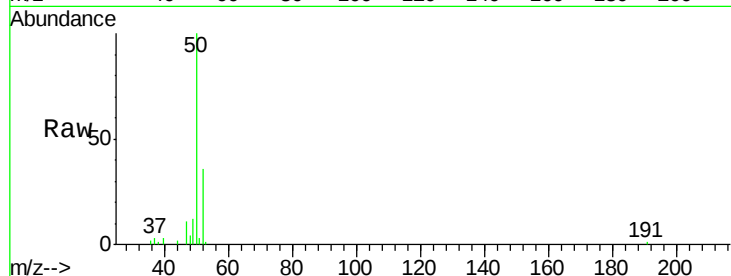
VD0730SBS01

Tot Ion: 50 Resp: 28437

Ion Ratio Lower Upper

50 100

52 36.3 25.8 38.8



#4

Vinyl Chloride

Concen: 21.960 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066104.D

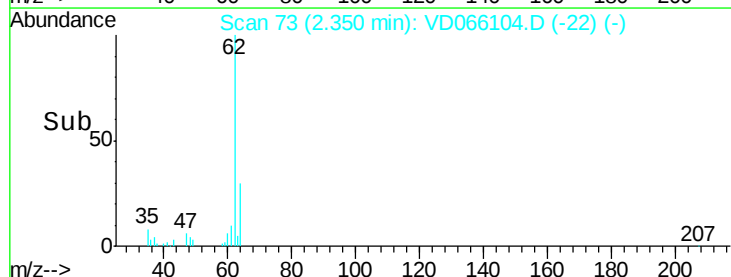
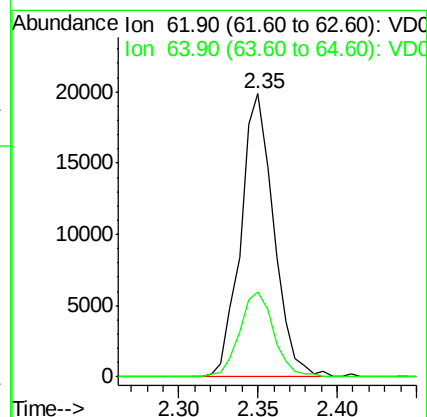
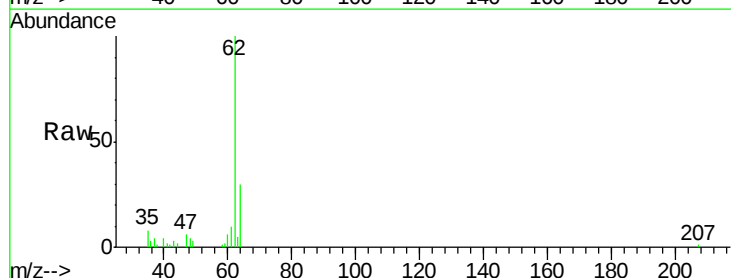
Acq: 30 Jul 2020 11:45

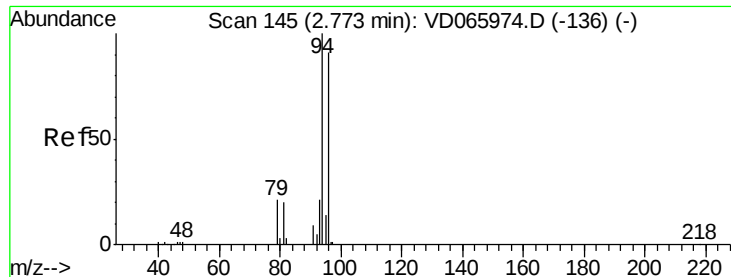
Tgt Ion: 62 Resp: 28783

Ion Ratio Lower Upper

62 100

64 30.2 25.8 38.8





#5

Bromomethane

Concen: 19.507 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

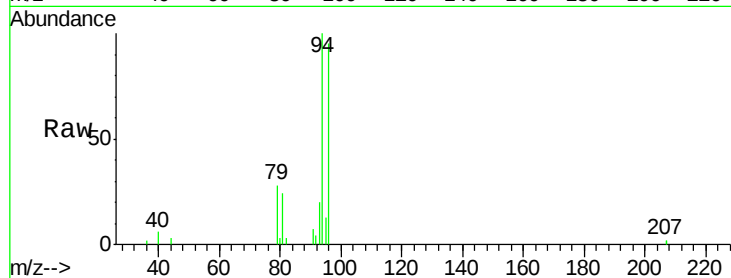
VD0730SBS01

Tot Ion: 94 Resp: 20801

Ion Ratio Lower Upper

94 100

96 94.6 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

10000

8000

6000

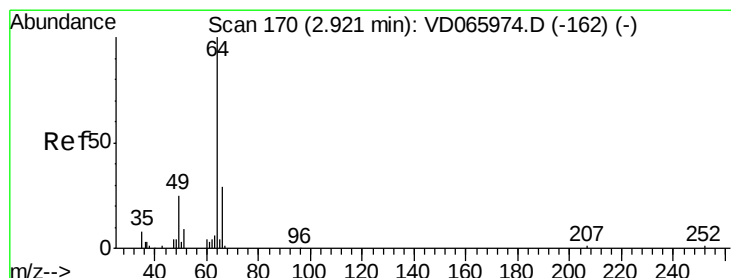
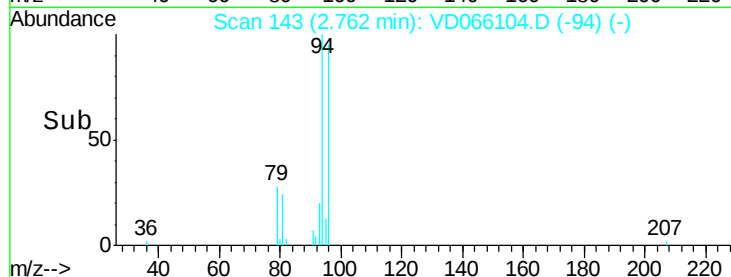
4000

2000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 23.026 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066104.D

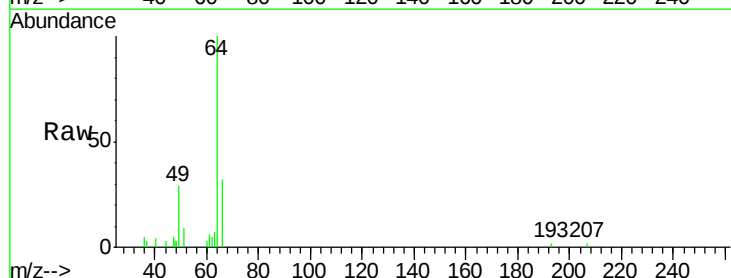
Acq: 30 Jul 2020 11:45

Tgt Ion: 64 Resp: 18016

Ion Ratio Lower Upper

64 100

66 31.6 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

10000

8000

6000

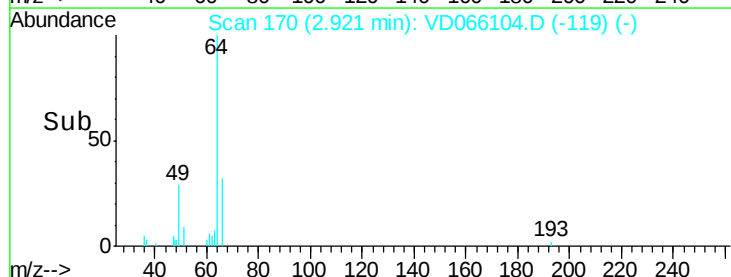
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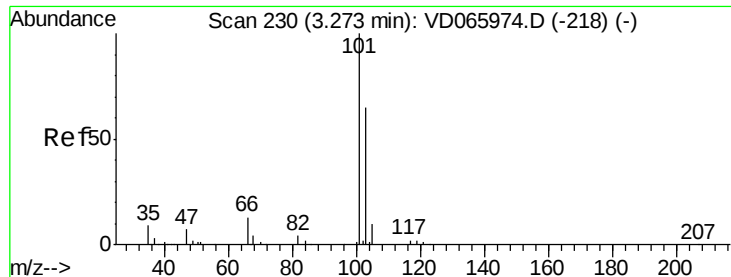
2000

0

Time-->

2.85 2.90 2.95 3.00



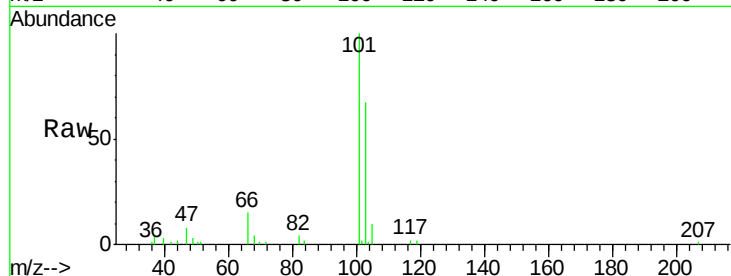


#7

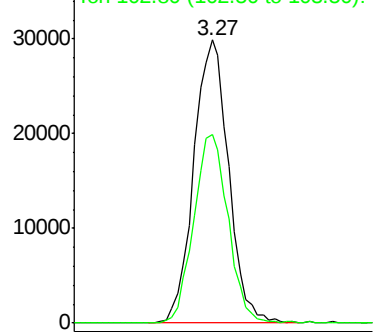
Trichlorofluoromethane
 Concen: 23.324 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

Instrument :
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 ClientSampleId :
 VD0730SBSD01

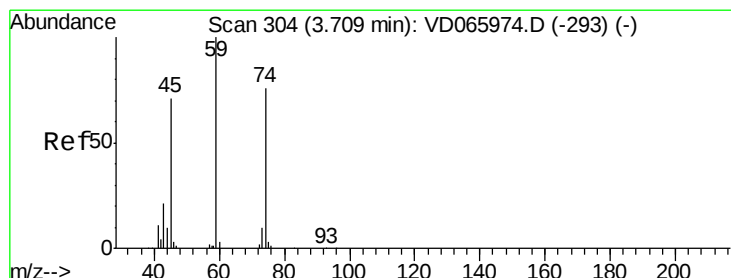
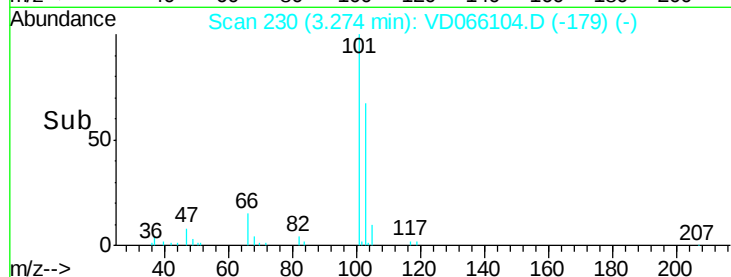
Tot Ion:101 Resp: 74356
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.1 78.1



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



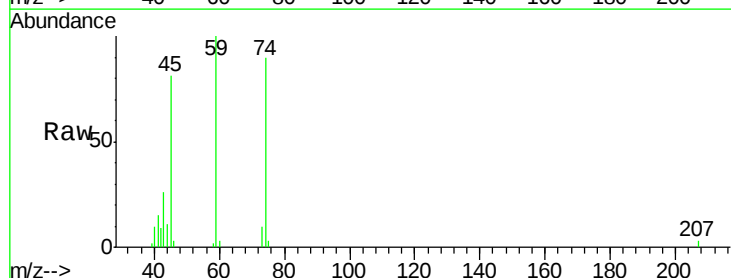
Time-->



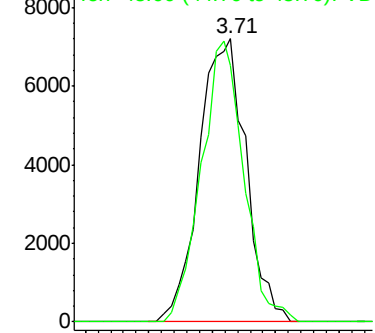
#8

Diethyl Ether
 Concen: 20.840 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

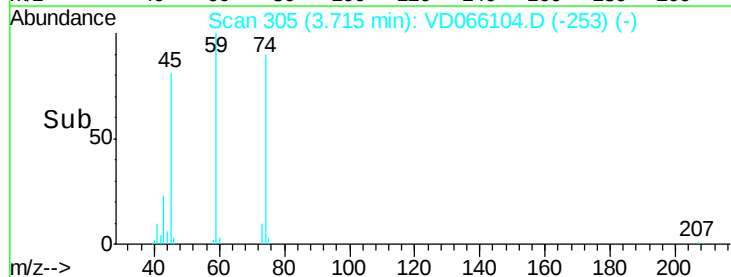
Tgt Ion: 74 Resp: 18364
 Ion Ratio Lower Upper
 74 100
 45 90.6 49.9 149.6

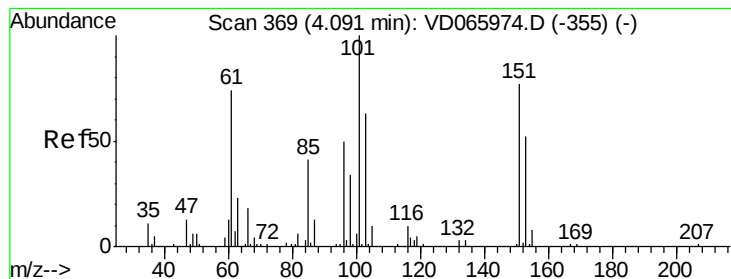


Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.403 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBSD01

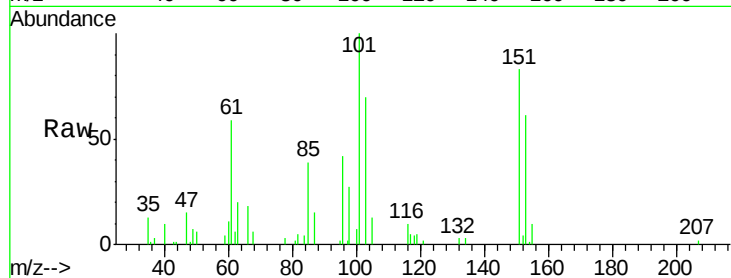
Tot Ion:101 Resp: 43124

Ion Ratio Lower Upper

101 100

85 42.5 33.6 50.4

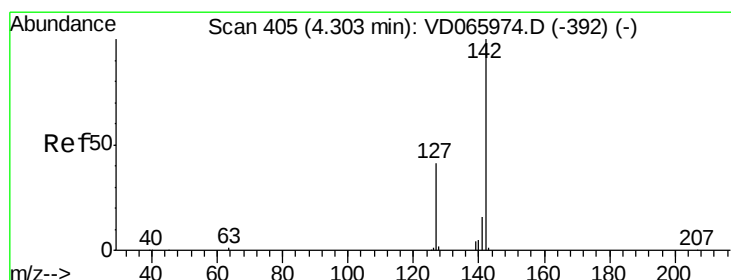
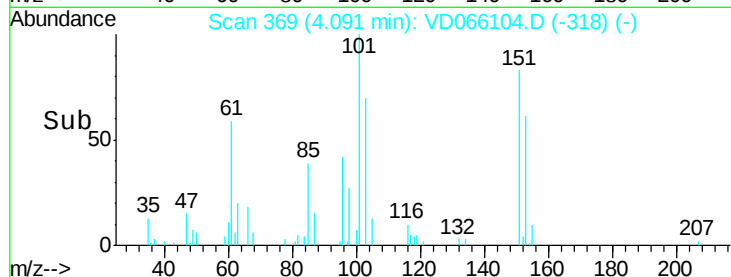
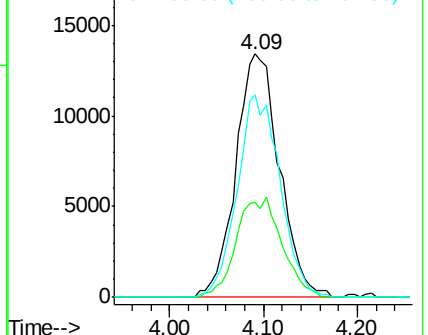
151 82.0 66.6 99.8



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: 25.923 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

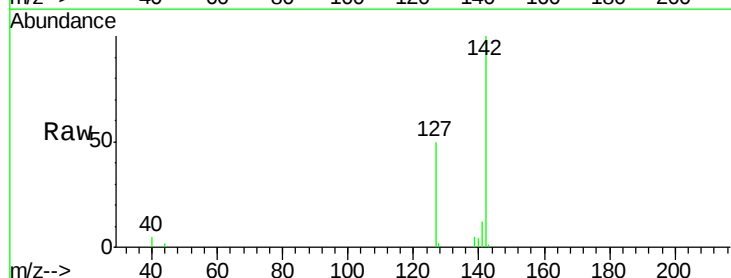
Tgt Ion:142 Resp: 40390

Ion Ratio Lower Upper

142 100

127 46.3 32.9 49.3

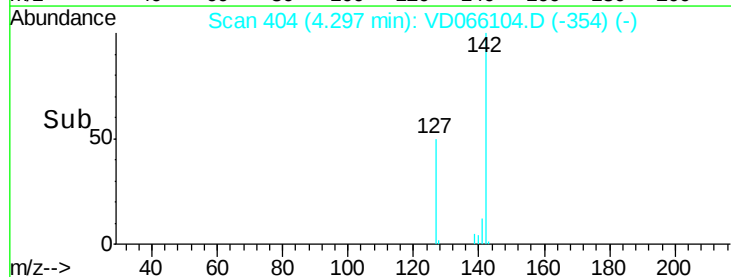
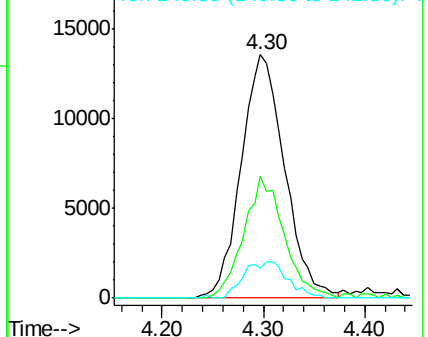
141 15.2 11.8 17.6

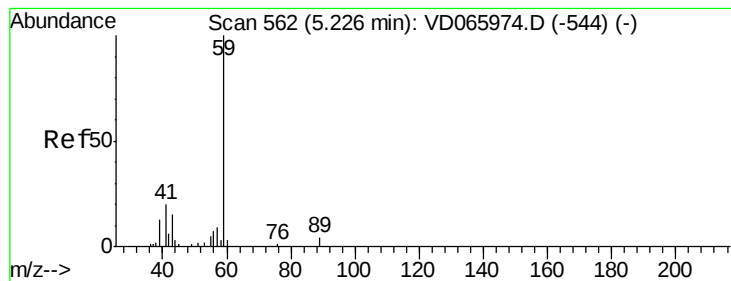


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



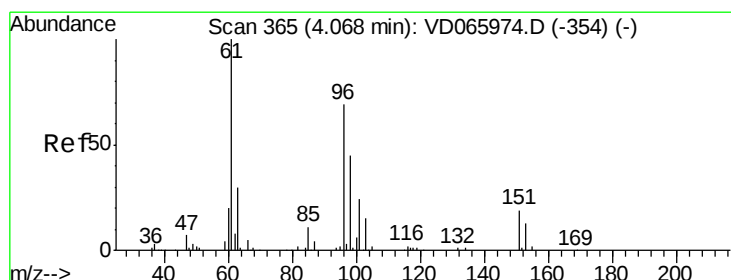
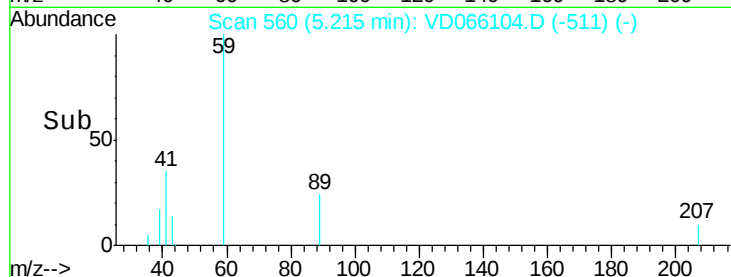
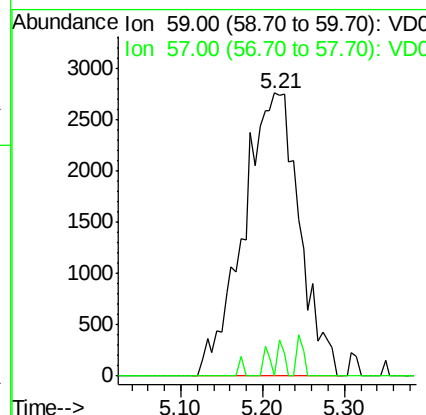
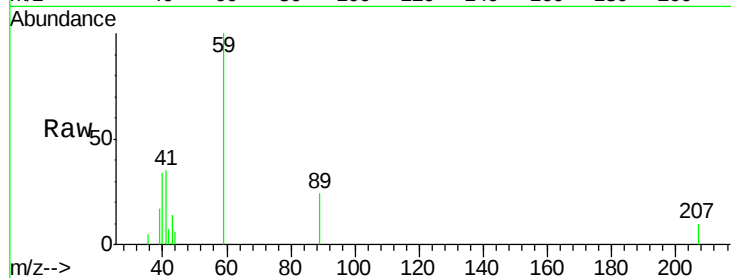


#11

Tert butyl alcohol
 Concen: 99.946 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBSD01

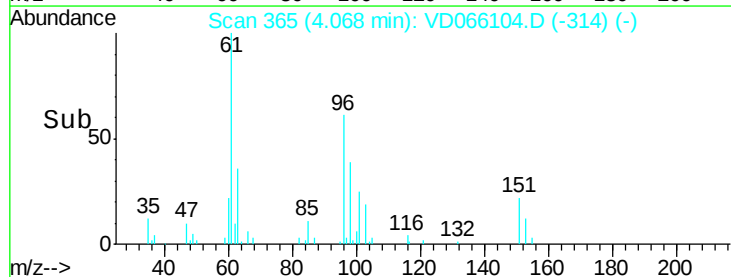
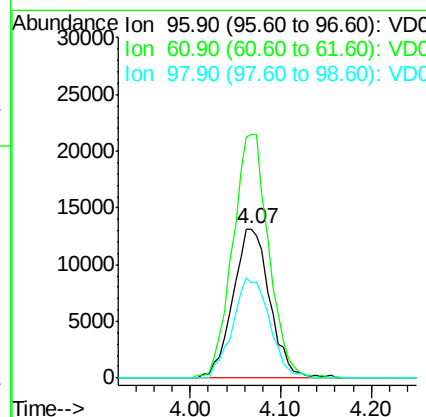
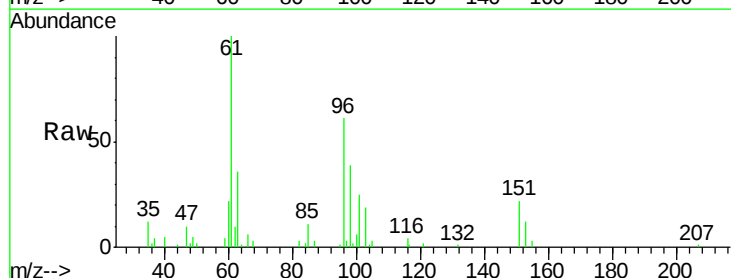
Tot Ion: 59 Resp: 13223
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.5 6.7#

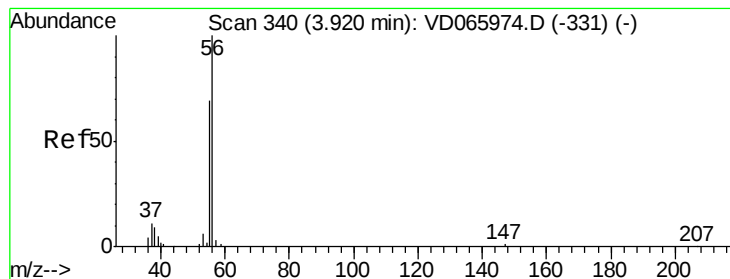


#12

1,1-Dichloroethene
 Concen: 20.157 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

Tgt Ion: 96 Resp: 37037
 Ion Ratio Lower Upper
 96 100
 61 163.2 115.4 173.0
 98 64.0 51.5 77.3





#13

Acrolein

Concen: 70.835 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

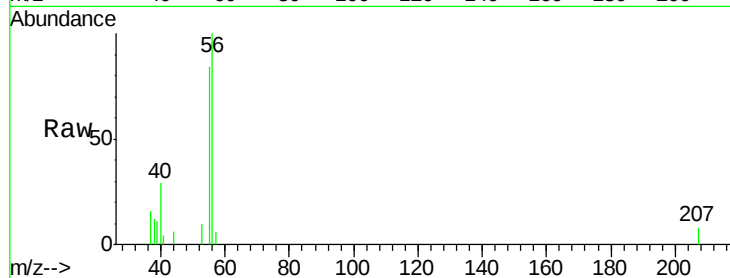
VD0730SBSD01

Tot Ion: 56 Resp: 10792

Ion Ratio Lower Upper

56 100

55 74.9 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

4000

3000

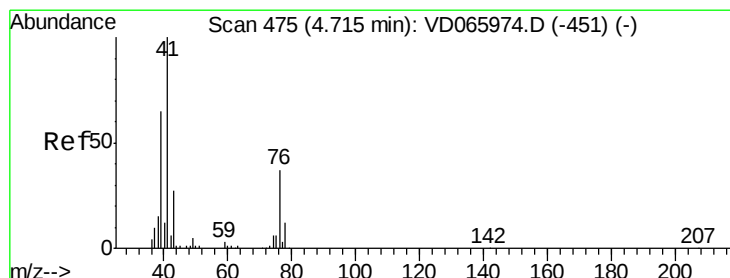
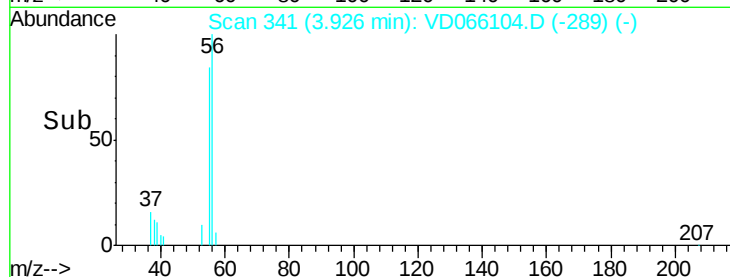
2000

1000

0

3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 18.767 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

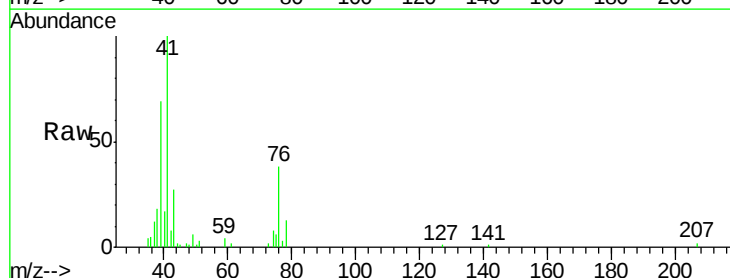
Tgt Ion: 41 Resp: 53905

Ion Ratio Lower Upper

41 100

39 77.6 53.4 80.2

76 40.2 29.1 43.7



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

20000

15000

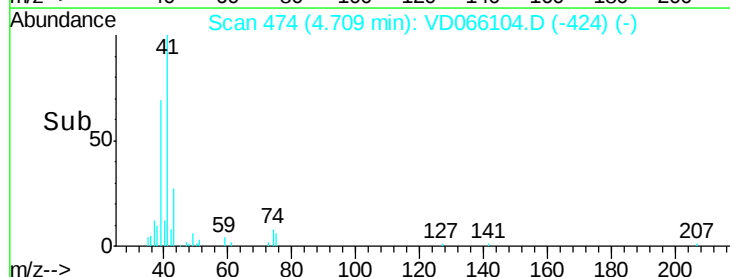
10000

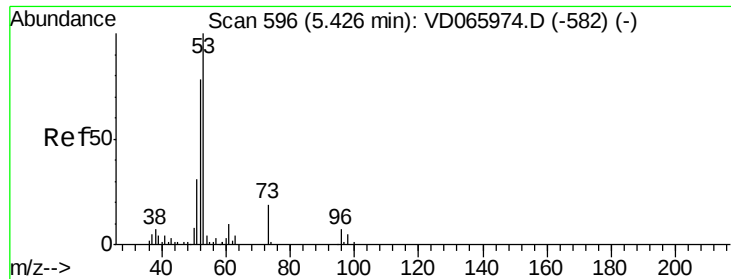
5000

0

4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 92.775 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBSD01

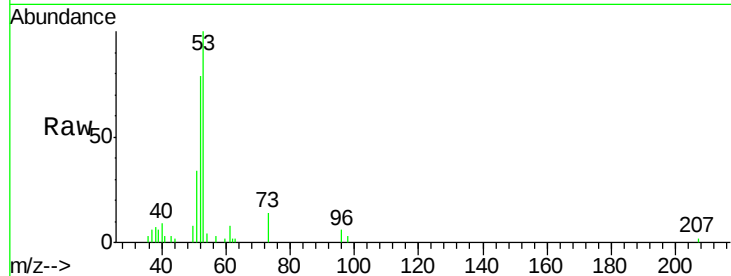
Tot Ion: 53 Resp: 34927

Ion Ratio Lower Upper

53 100

52 84.9 67.1 100.7

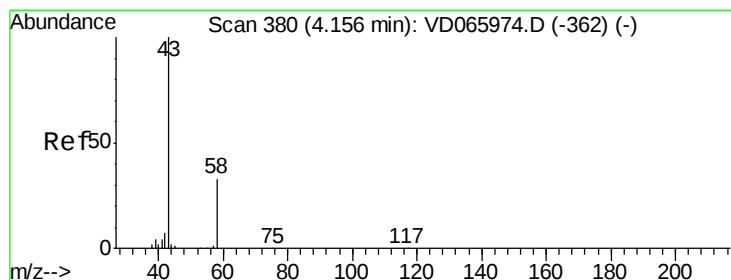
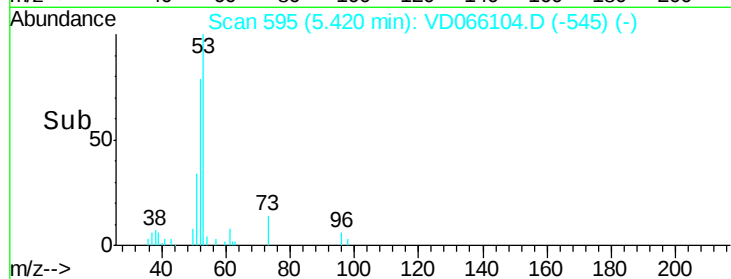
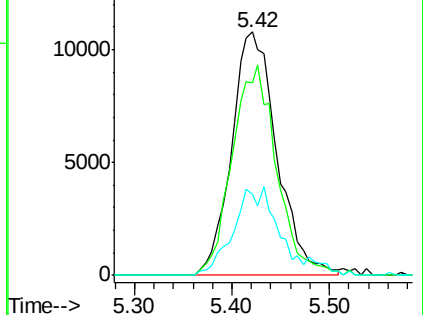
51 38.1 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 95.042 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066104.D

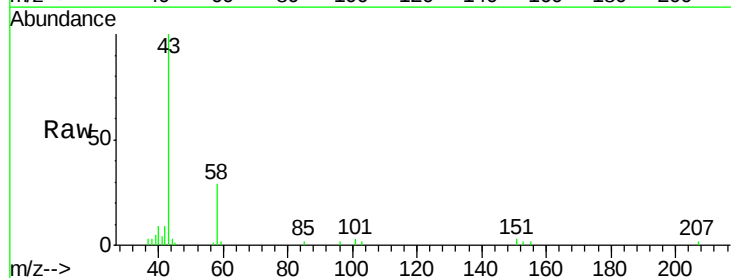
Acq: 30 Jul 2020 11:45

Tgt Ion: 43 Resp: 34788

Ion Ratio Lower Upper

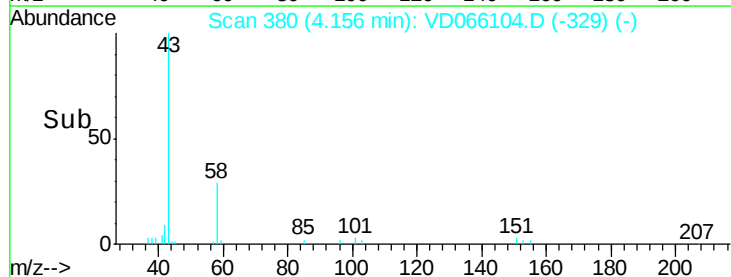
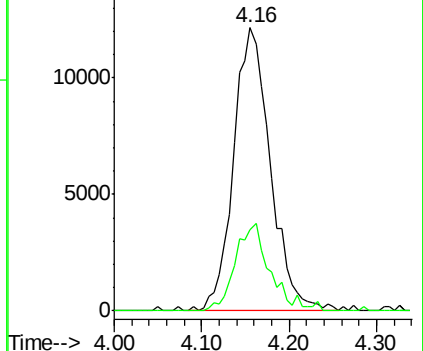
43 100

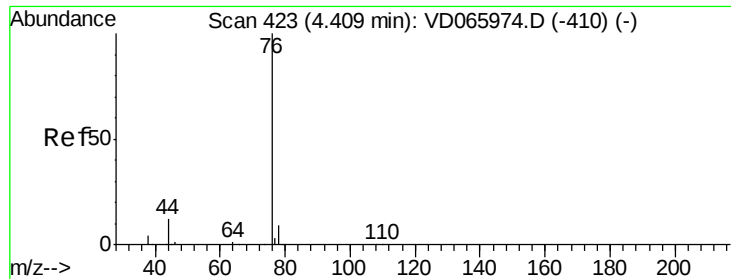
58 28.8 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

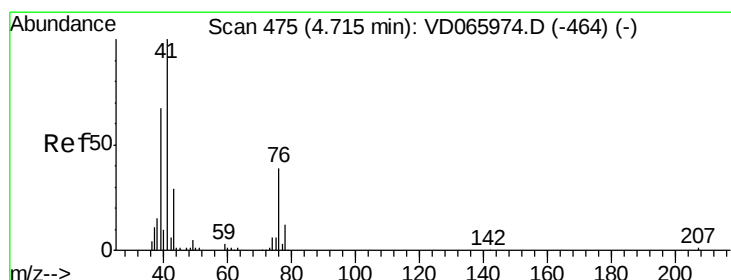
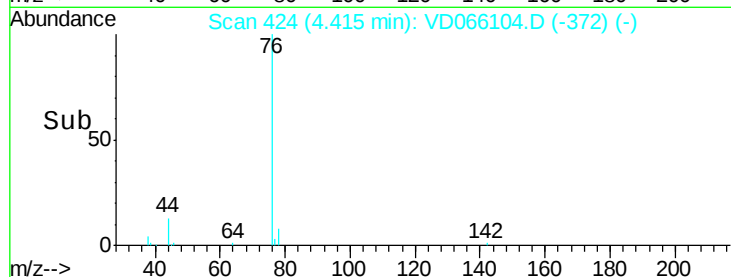
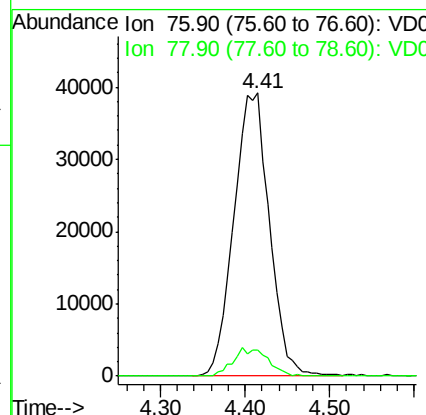
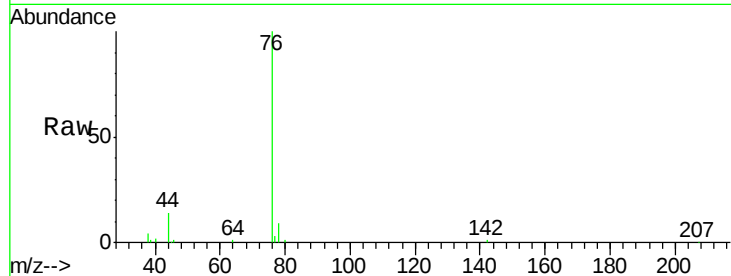




#17
Carbon Disulfide
Concen: 19.159 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

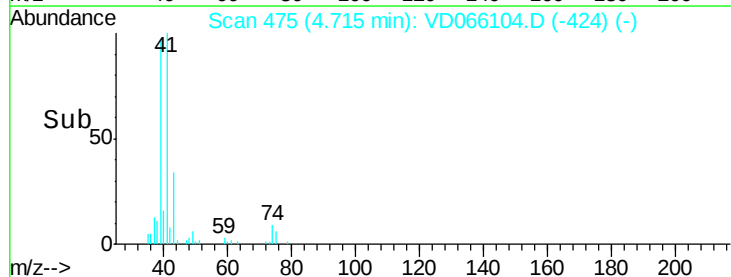
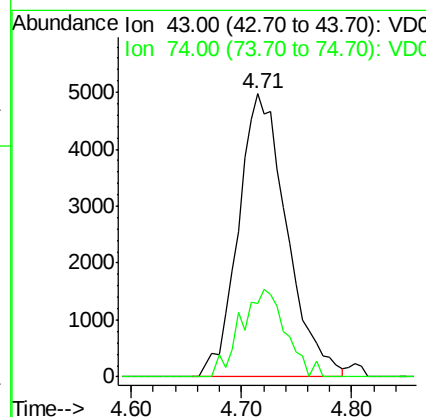
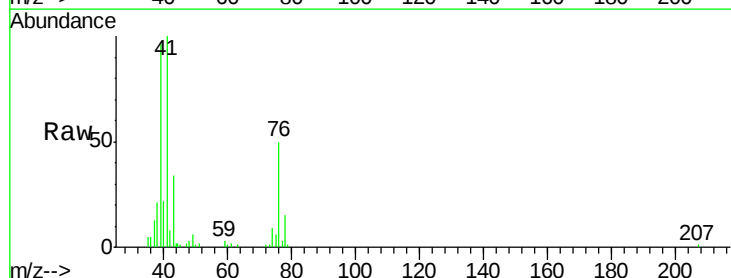
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBSD01

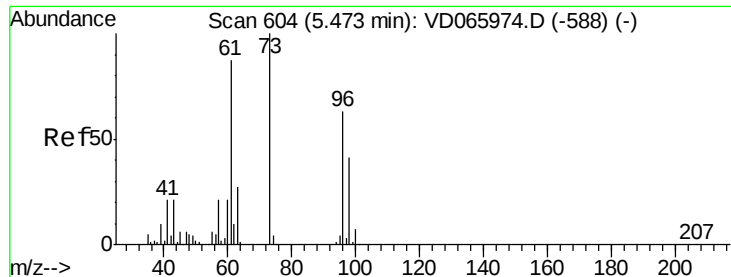
Tot Ion: 76 Resp: 114192
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 17.933 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion: 43 Resp: 15270
Ion Ratio Lower Upper
43 100
74 28.6 19.2 28.8

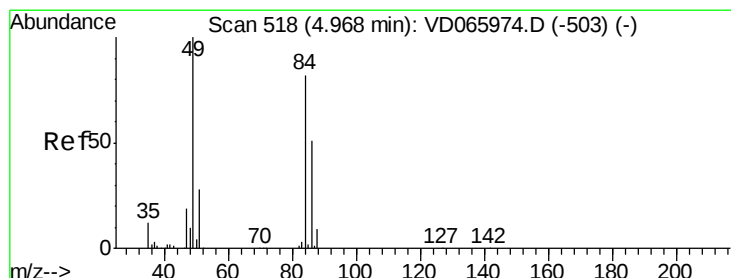
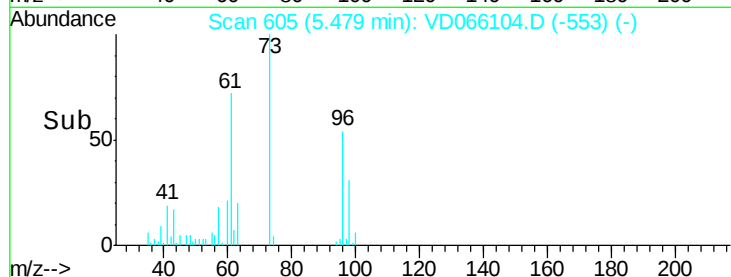
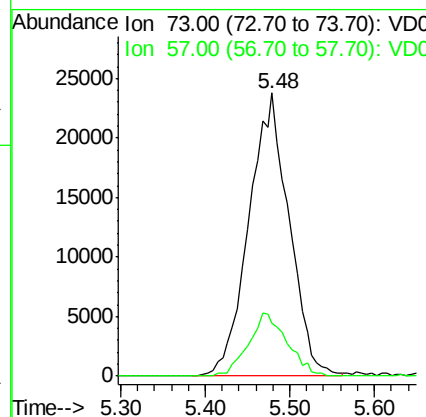
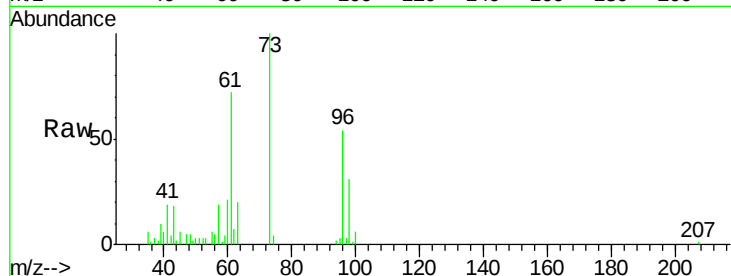




#19
Methyl tert-butyl Ether
Concen: 20.847 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

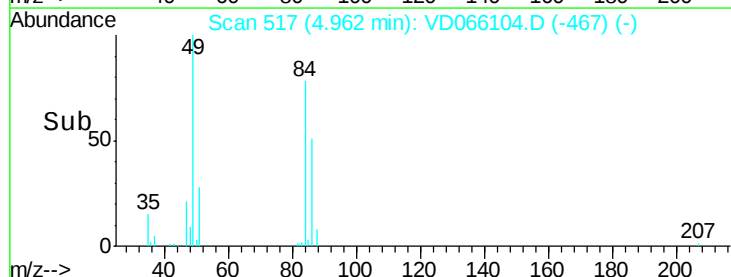
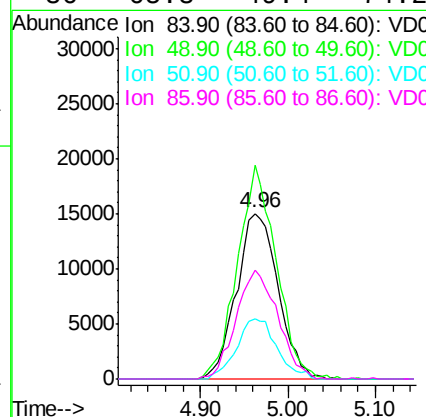
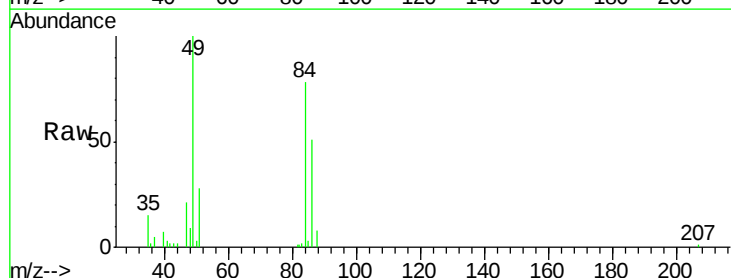
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBSD01

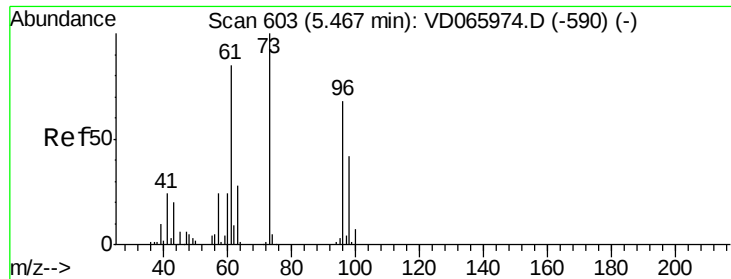
Tot Ion: 73 Resp: 78702
Ion Ratio Lower Upper
73 100
57 18.9 17.0 25.4



#20
Methylene Chloride
Concen: 22.393 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion: 84 Resp: 48635
Ion Ratio Lower Upper
84 100
49 128.8 97.7 146.5
51 36.4 27.4 41.2
86 65.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 19.890 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBSD01

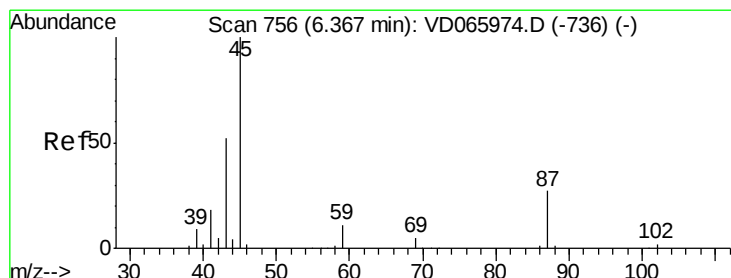
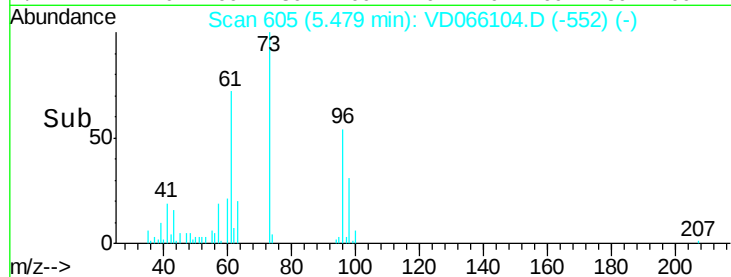
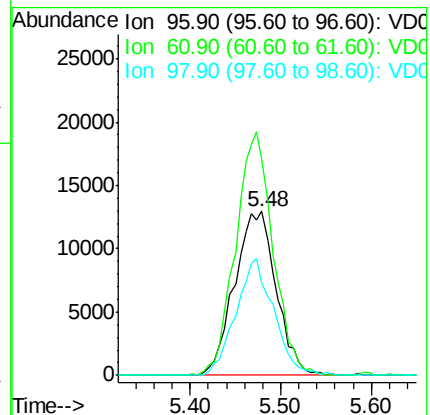
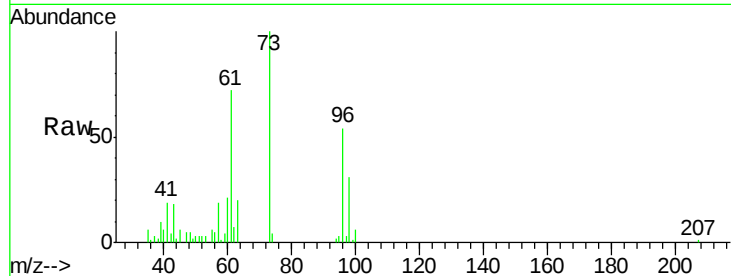
Tot Ion: 96 Resp: 41306

Ion Ratio Lower Upper

96 100

61 132.5 100.5 150.7

98 56.7 49.7 74.5



#22

Diisopropyl ether

Concen: 18.913 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Tgt Ion: 45 Resp: 103207

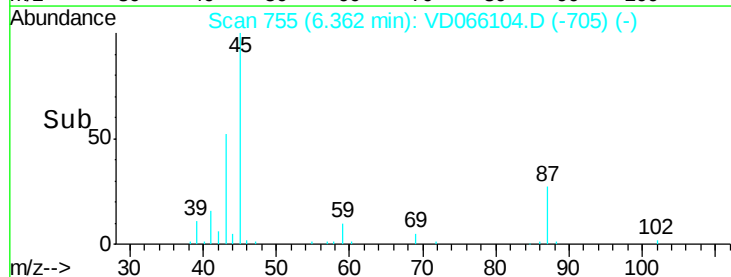
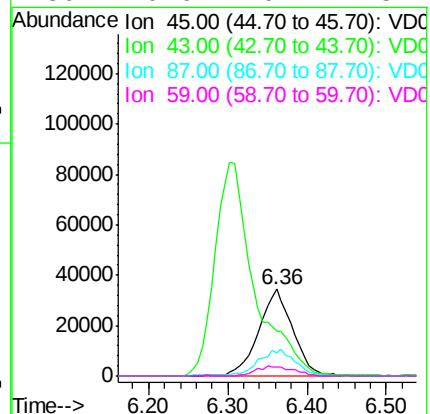
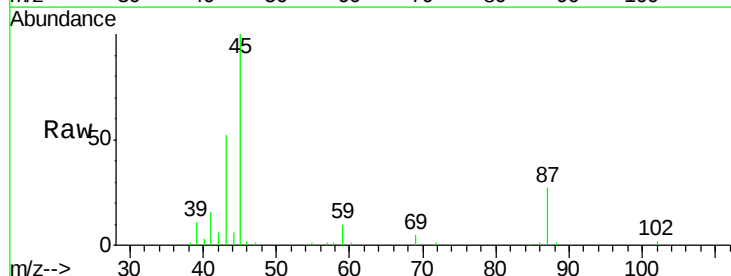
Ion Ratio Lower Upper

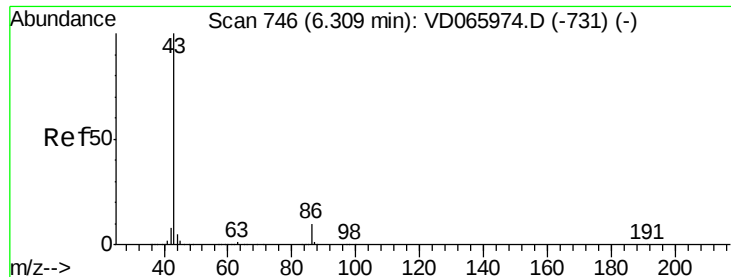
45 100

43 50.4 43.0 64.4

87 26.8 22.0 33.0

59 9.6 9.1 13.7





#23

Vinyl Acetate

Concen: 95.530 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

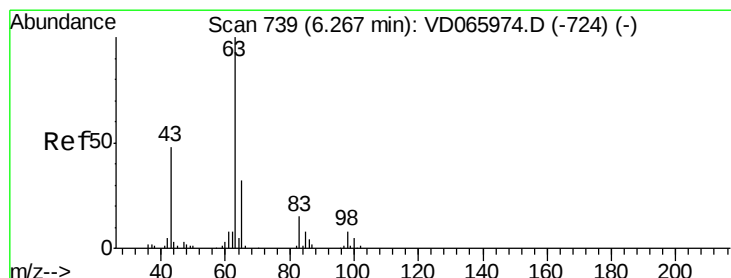
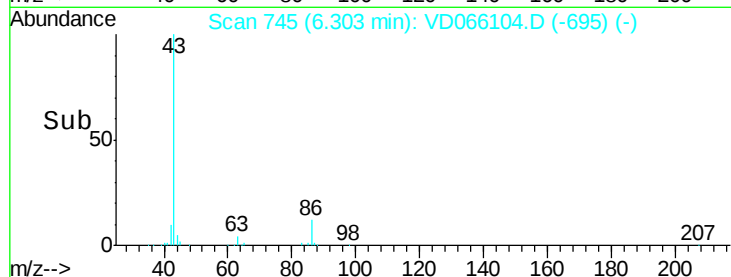
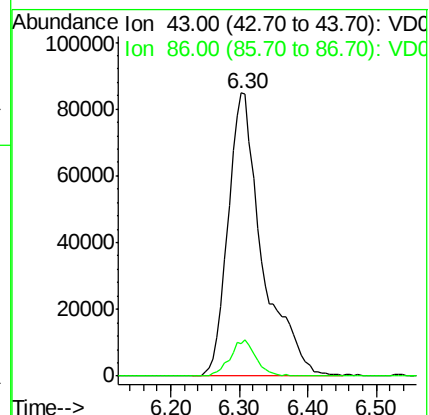
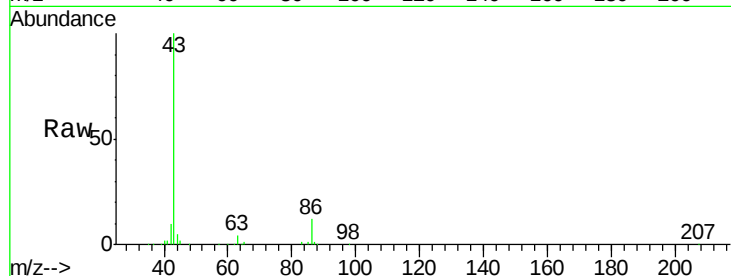
VD0730SBS01

Tot Ion: 43 Resp: 293993

Ion Ratio Lower Upper

43 100

86 11.6 7.9 11.9



#24

1,1-Dichloroethane

Concen: 21.059 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

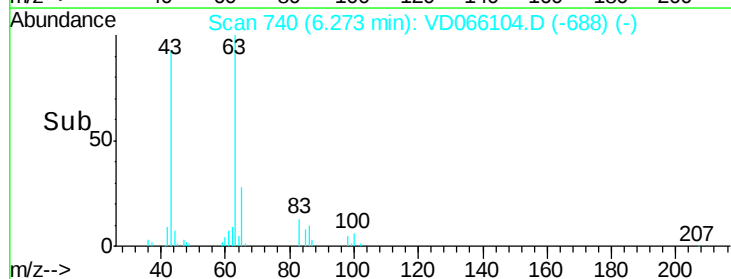
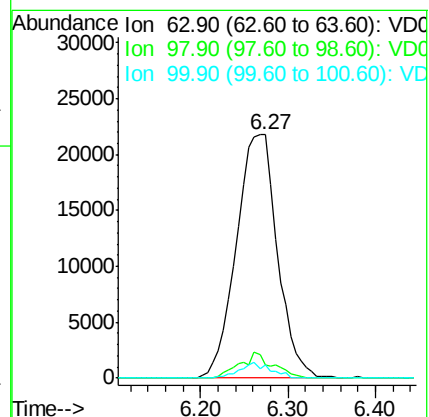
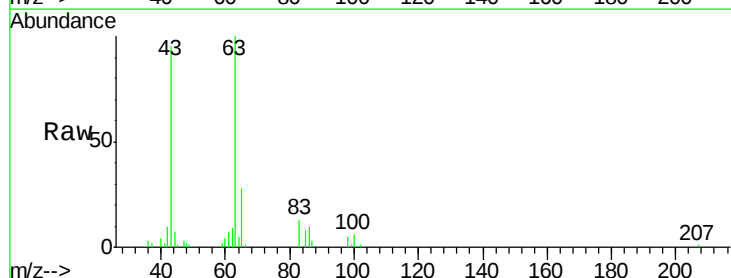
Tgt Ion: 63 Resp: 69628

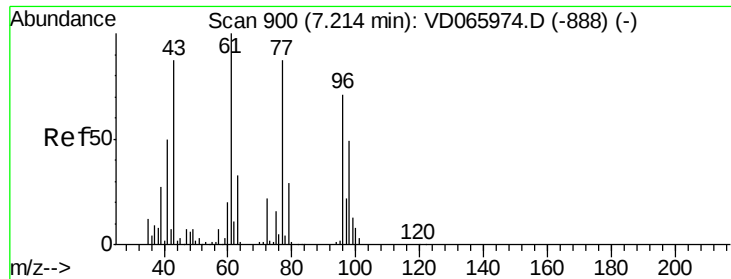
Ion Ratio Lower Upper

63 100

98 5.3 4.3 12.8

100 5.5 2.5 7.5





#25

2-Butanone

Concen: 94.040 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

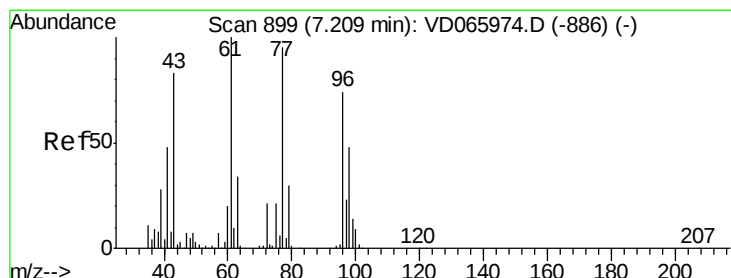
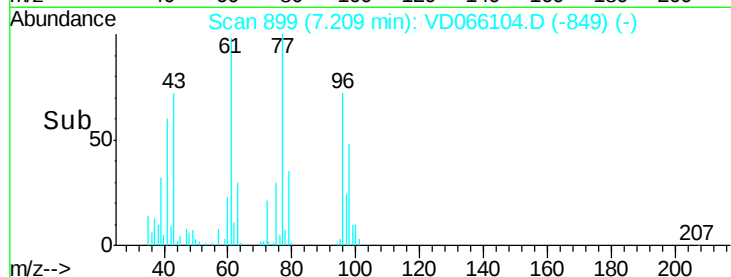
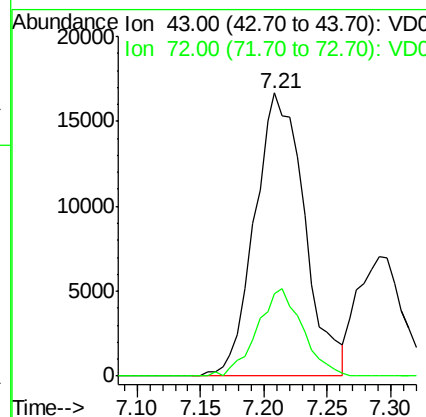
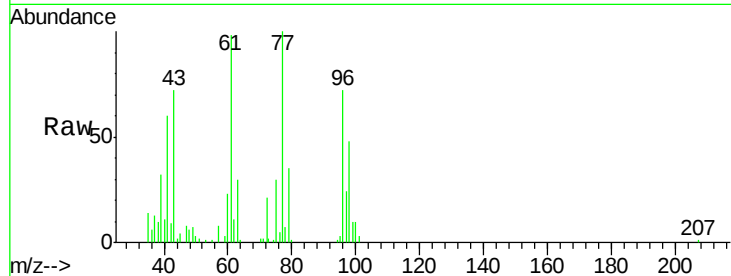
VD0730SBSD01

Tot Ion: 43 Resp: 45674

Ion Ratio Lower Upper

43 100

72 29.2 20.2 30.2



#26

2,2-Dichloropropane

Concen: 22.853 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066104.D

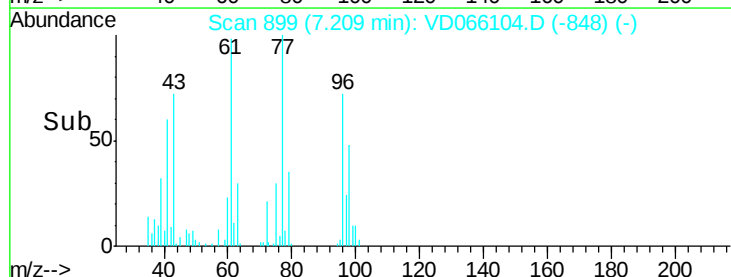
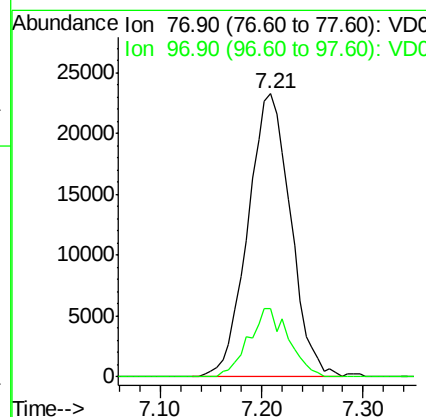
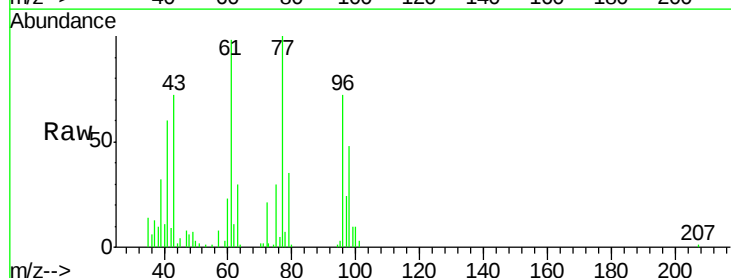
Acq: 30 Jul 2020 11:45

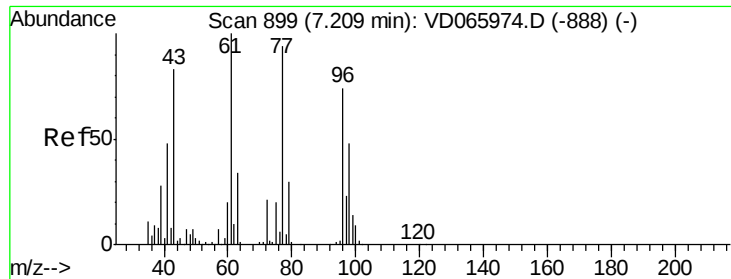
Tgt Ion: 77 Resp: 67949

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.7



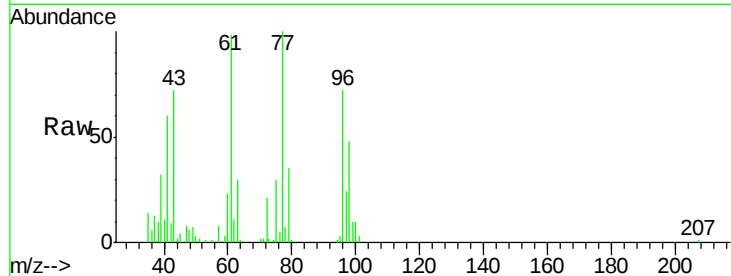


#27

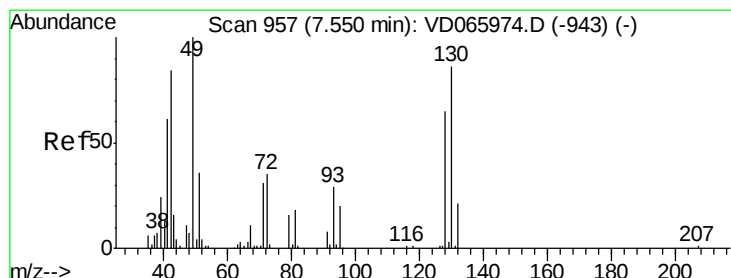
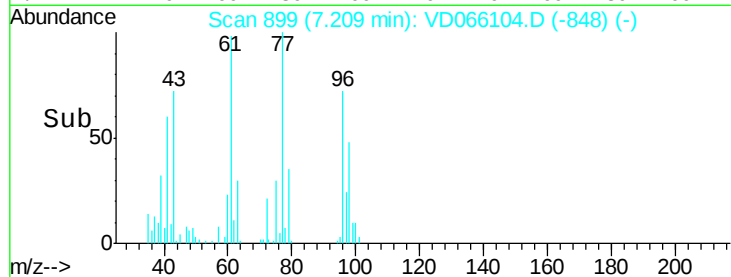
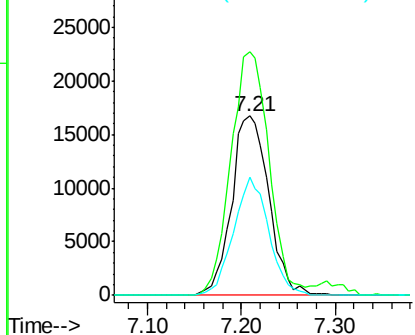
cis-1,2-Dichloroethene
 Concen: 20.985 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBSD01

Tot Ion: 96 Resp: 46141
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 276.6
 98 61.9 0.0 130.8



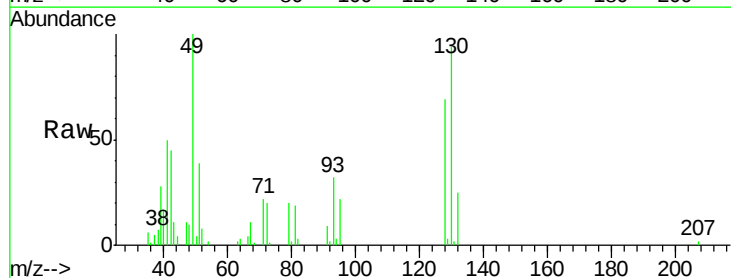
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



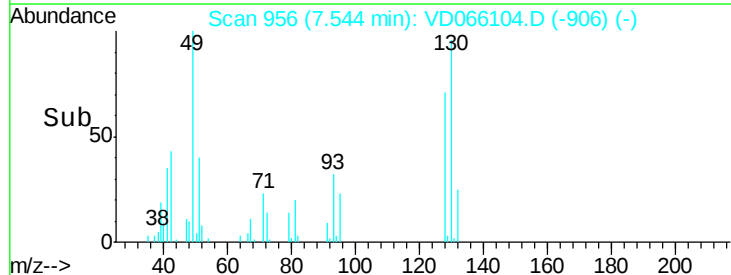
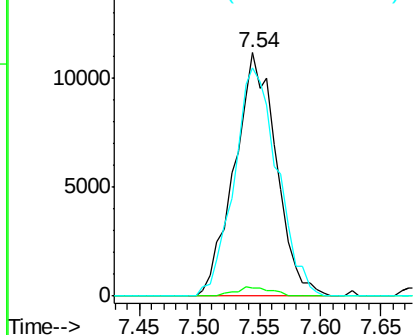
#28

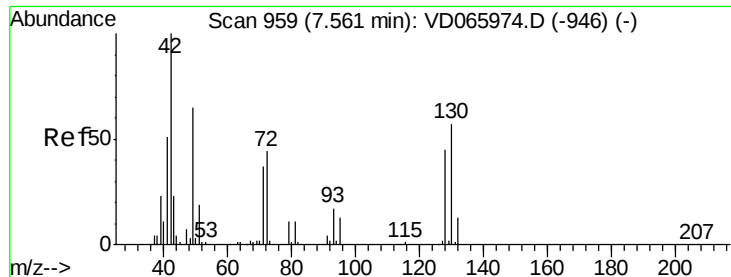
Bromochloromethane
 Concen: 19.147 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

Tgt Ion: 49 Resp: 26869
 Ion Ratio Lower Upper
 49 100
 129 3.1 0.0 4.8
 130 97.1 68.4 102.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): VDC
 Ion 129.80 (129.50 to 130.50): VDC

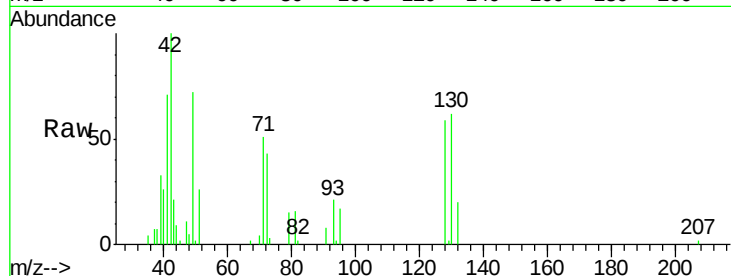




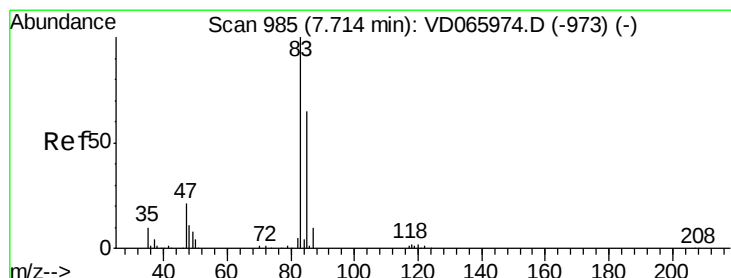
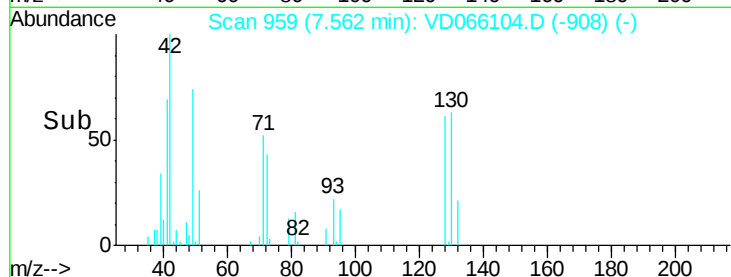
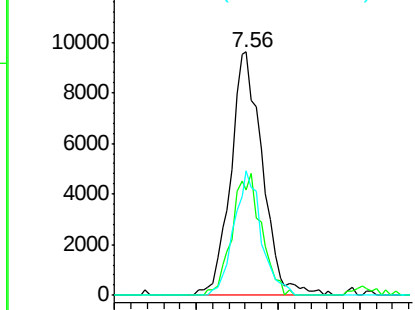
#29
Tetrahydrofuran
Concen: 86.781 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBS01

Tot Ion: 42 Resp: 26006
Ion Ratio Lower Upper
42 100
72 46.2 34.2 51.2
71 43.8 31.4 47.2

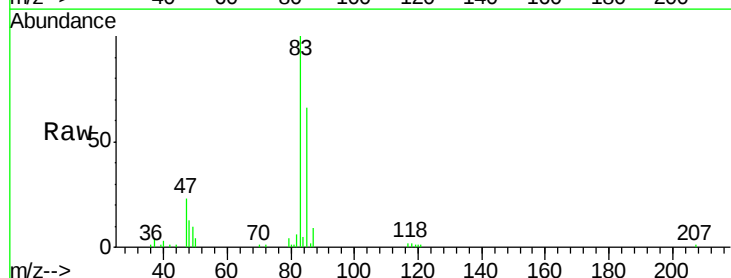


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

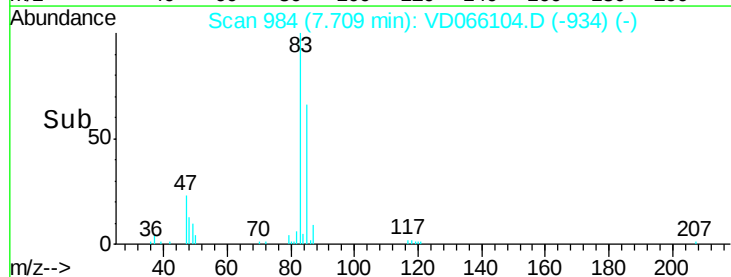
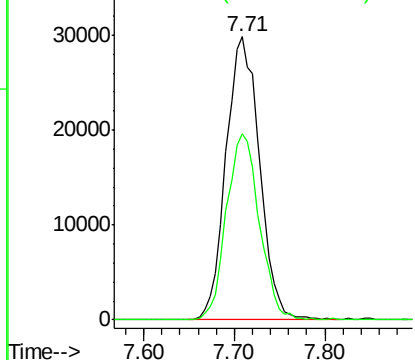


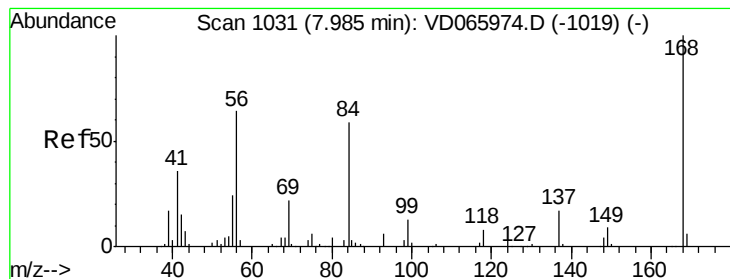
#30
Chloroform
Concen: 22.161 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion: 83 Resp: 76646
Ion Ratio Lower Upper
83 100
85 65.7 52.1 78.1



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





#31

Cyclohexane

Concen: 18.812 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBS01

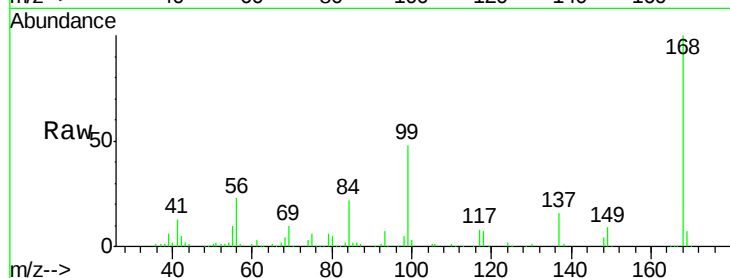
Tot Ion: 56 Resp: 61191

Ion Ratio Lower Upper

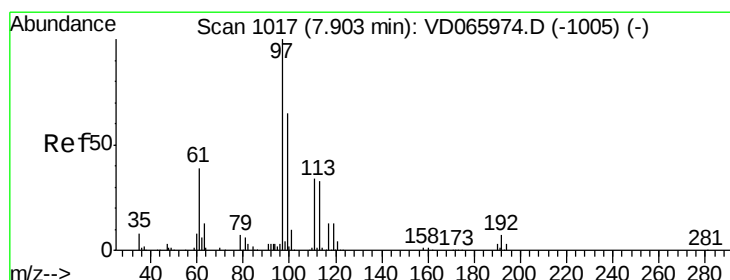
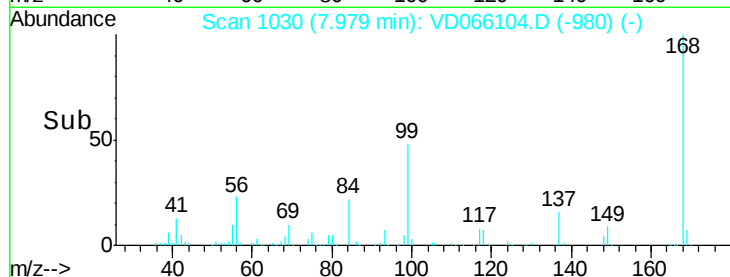
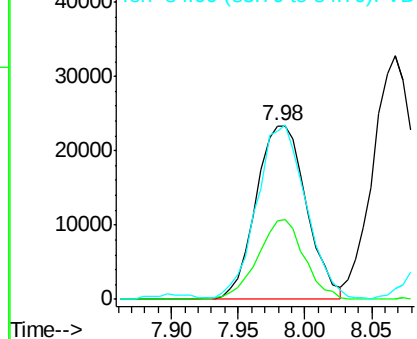
56 100

69 45.3 28.0 42.0#

84 94.8 72.6 109.0



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: 23.536 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

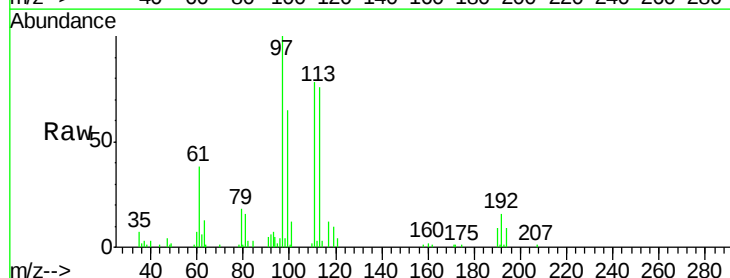
Tgt Ion: 97 Resp: 75297

Ion Ratio Lower Upper

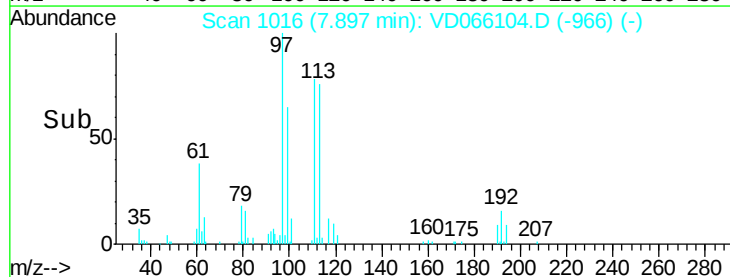
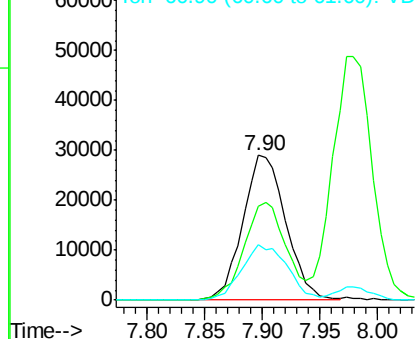
97 100

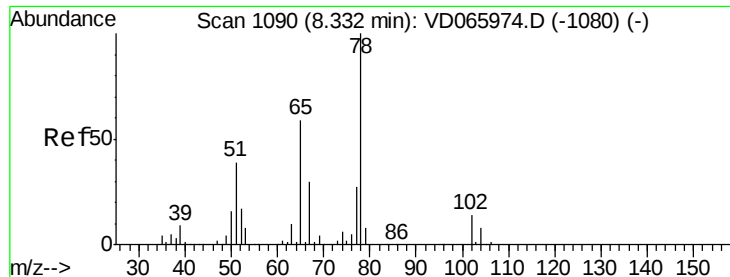
99 65.8 51.8 77.6

61 40.8 33.3 49.9



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: 57.209 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

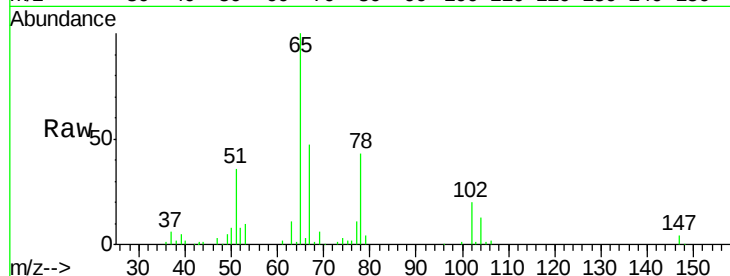
VD0730SBSD01

Tot Ion: 65 Resp: 103451

Ion Ratio Lower Upper

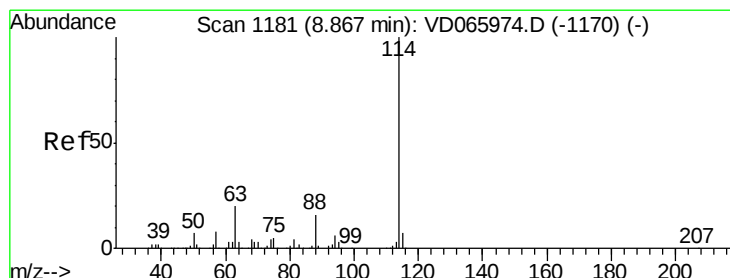
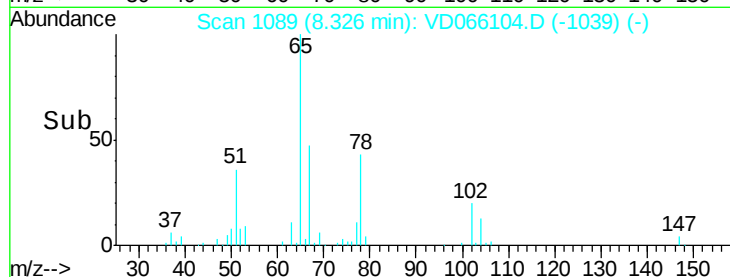
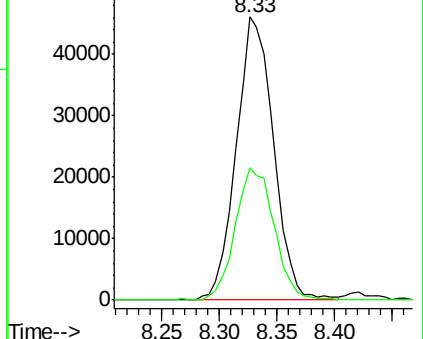
65 100

67 48.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

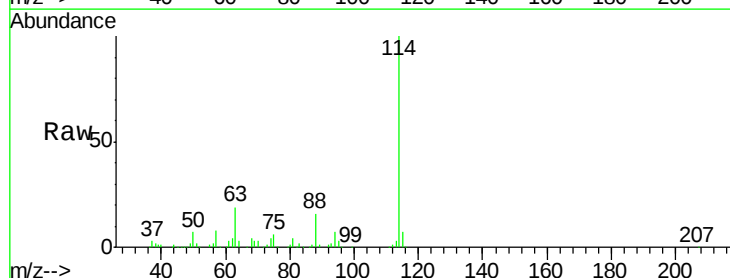
Tgt Ion: 114 Resp: 306564

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

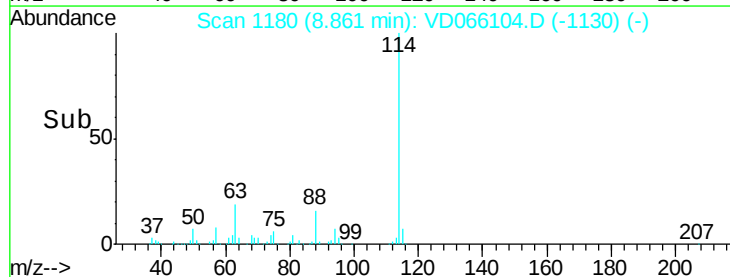
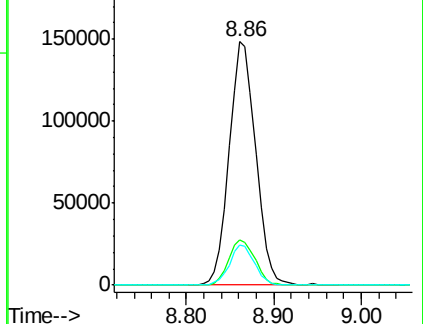
88 16.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

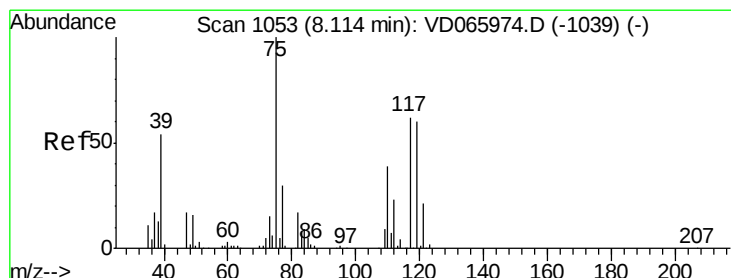
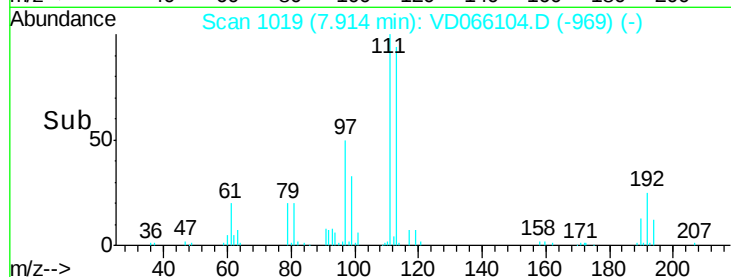
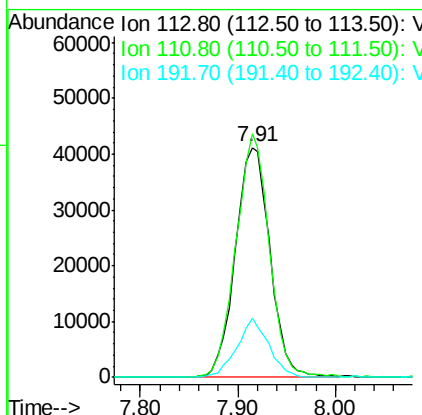
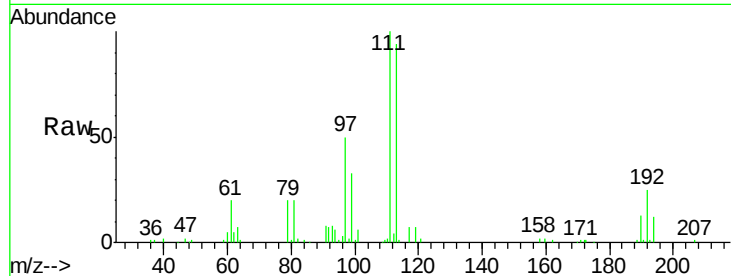




#35
 Dibromofluoromethane
 Concen: 54.987 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

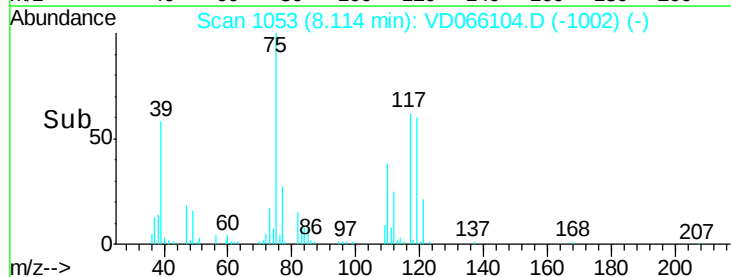
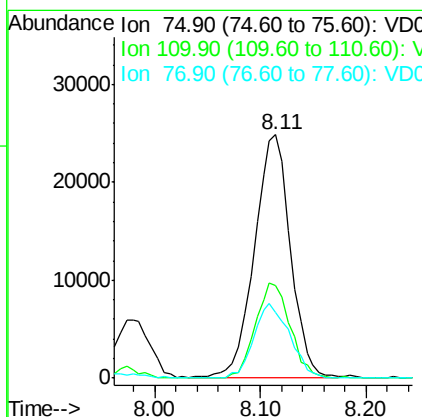
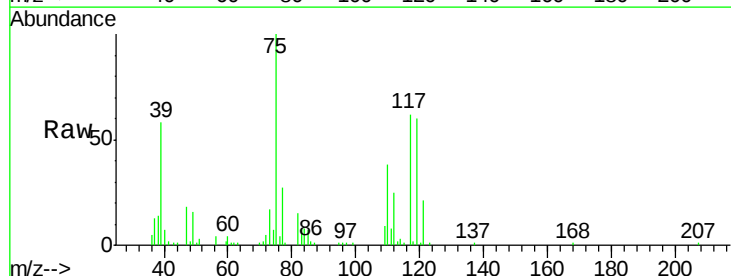
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBSD01

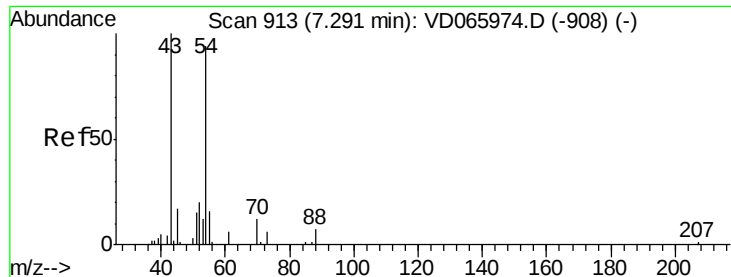
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.2	124.8
192	23.5	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 22.558 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	19.5	58.5
77	30.3	24.7	37.1

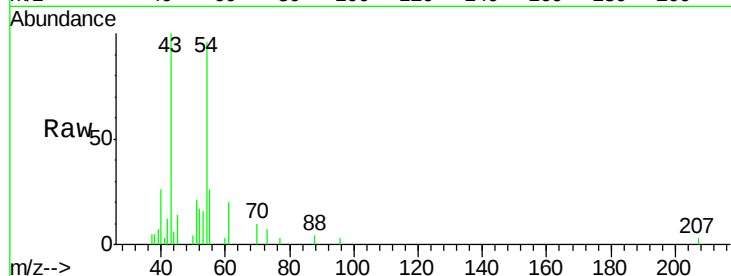




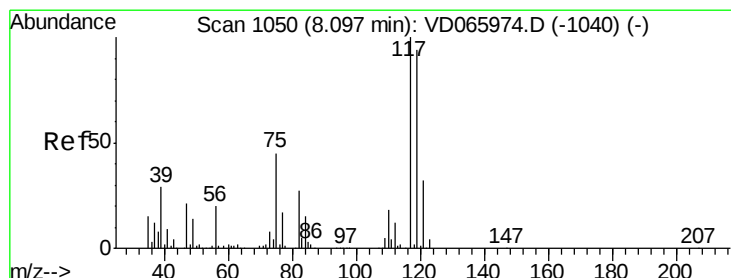
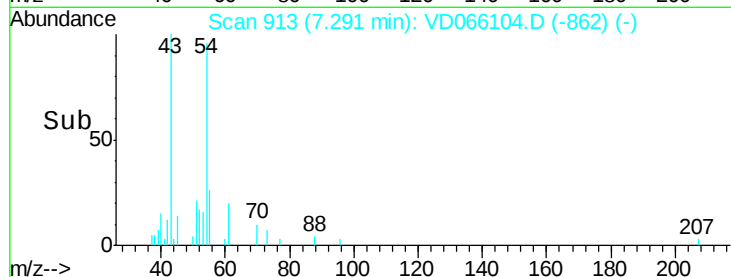
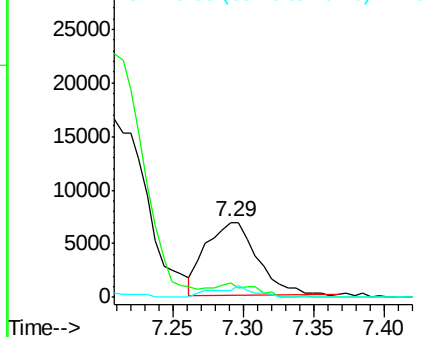
#37
Ethyl Acetate
Concen: 17.267 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBS01

Tot Ion: 43 Resp: 17253
Ion Ratio Lower Upper
43 100
61 15.0 11.4 17.0
70 11.8 9.3 13.9

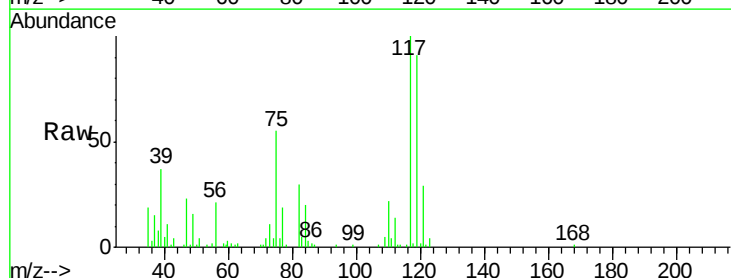


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

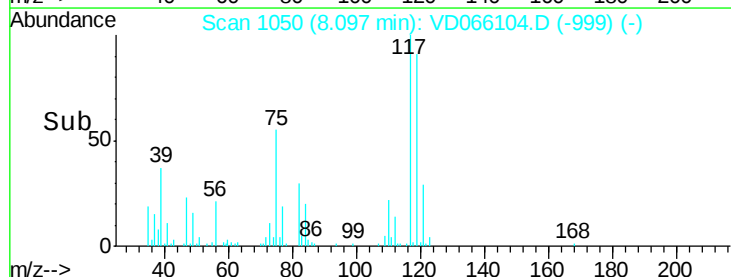
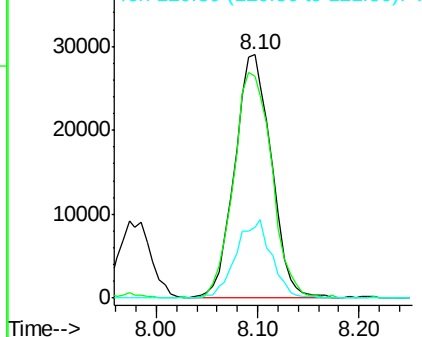


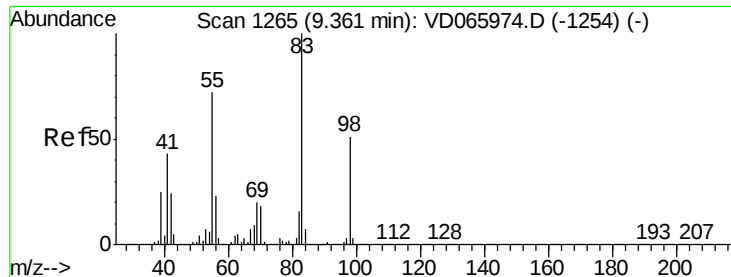
#38
Carbon Tetrachloride
Concen: 25.700 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion: 117 Resp: 72959
Ion Ratio Lower Upper
117 100
119 91.1 75.0 112.6
121 29.2 25.5 38.3



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

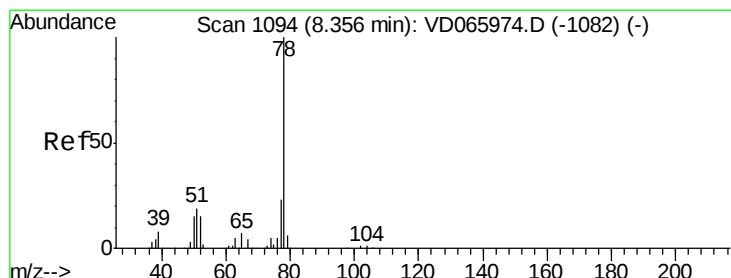
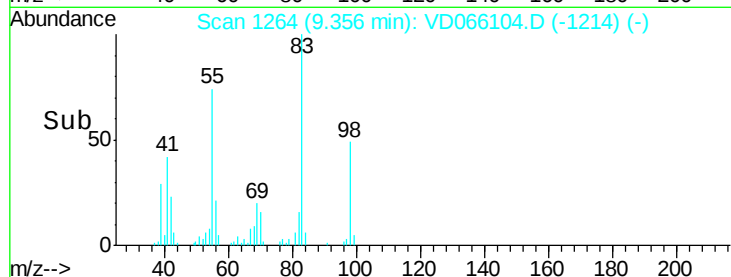
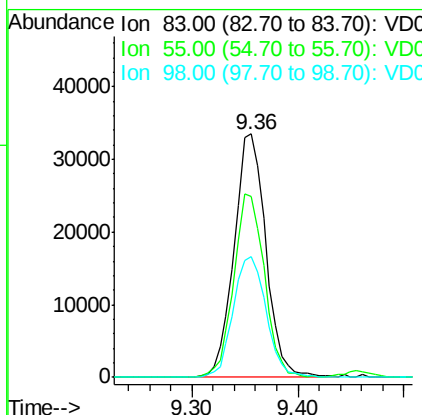
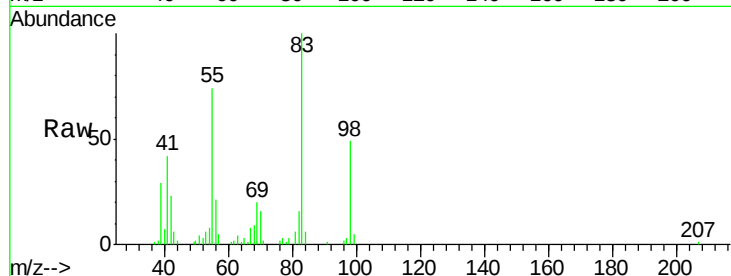




#39
Methvlcvclohexane
Concen: 22.074 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

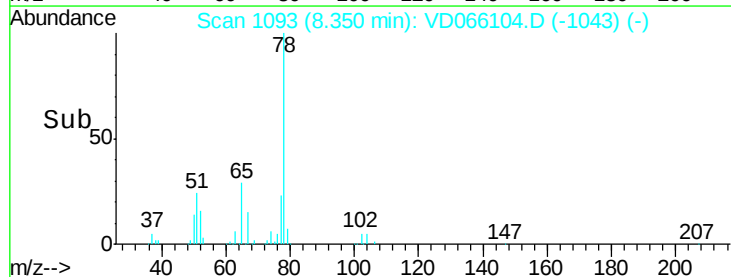
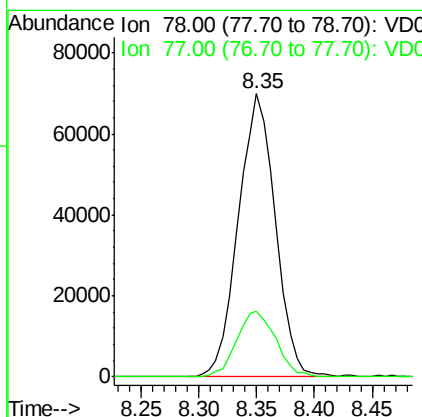
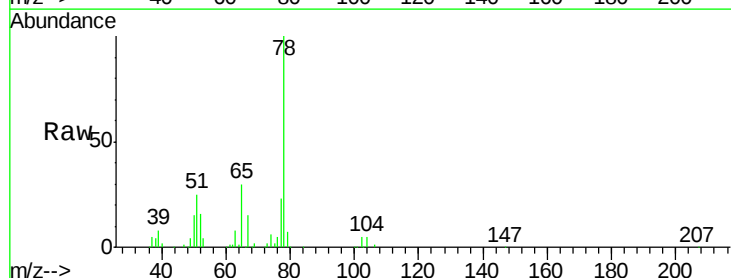
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBSD01

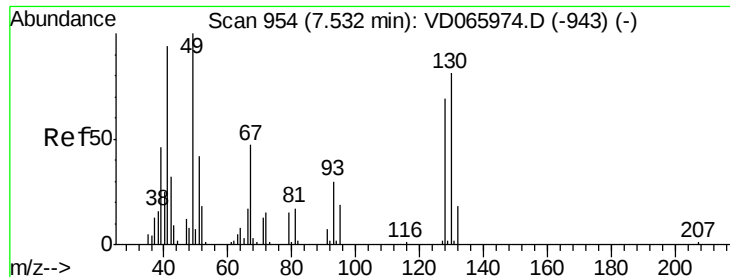
Tot Ion: 83 Resp: 69940
Ion Ratio Lower Upper
83 100
55 74.2 57.3 85.9
98 49.4 41.0 61.6



#40
Benzene
Concen: 21.247 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion: 78 Resp: 155525
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8

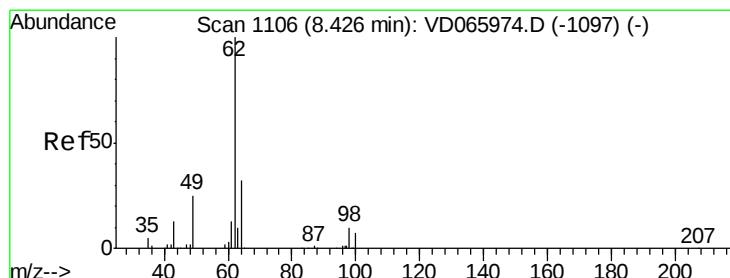
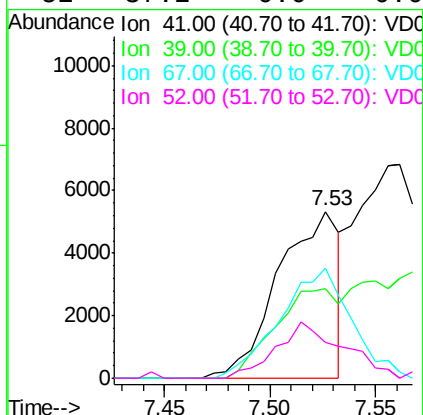
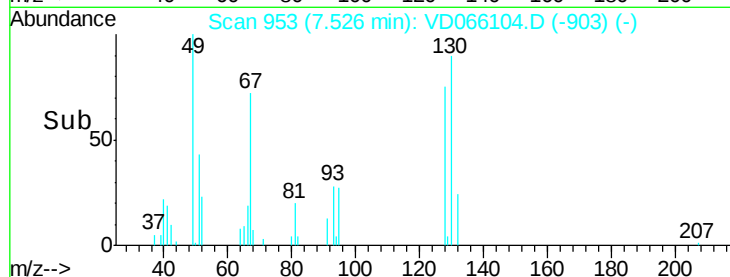
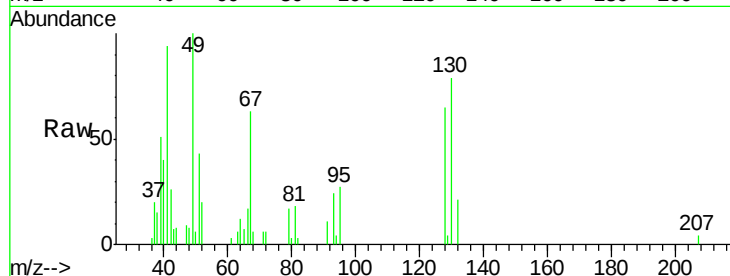




#41
Methacrylonitrile
Concen: 18.637 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

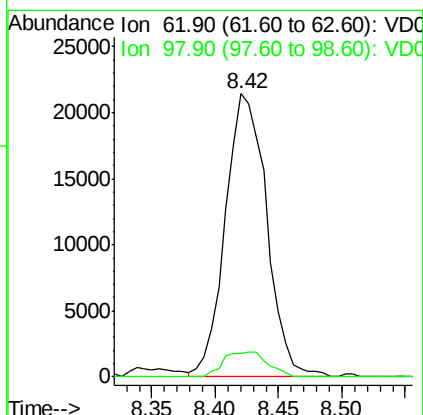
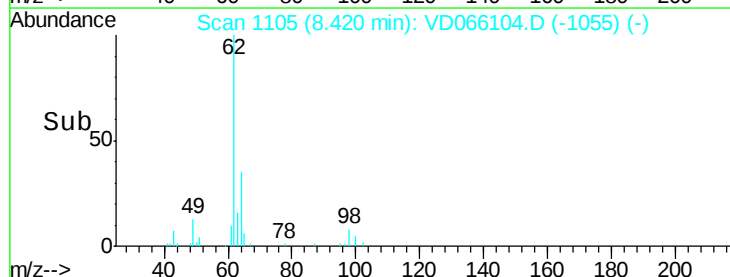
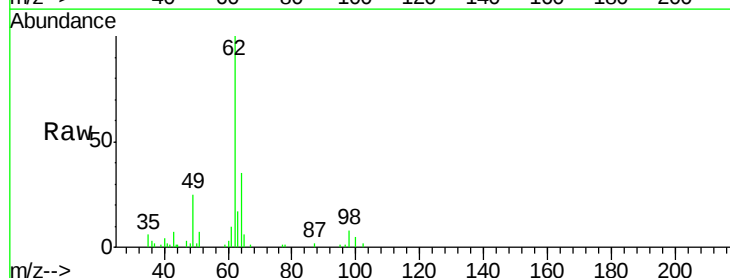
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBSD01

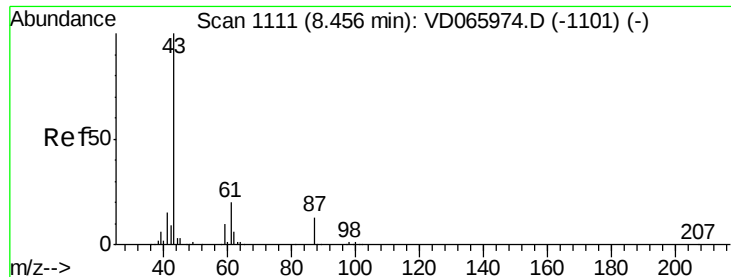
Tot Ion:	41	Resp:	10668
Ion	Ratio	Lower	Upper
41	100		
39	56.0	0.0	0.0#
67	77.6	0.0	0.0#
52	37.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 24.201 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion:	62	Resp:	48543
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.562 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBS01

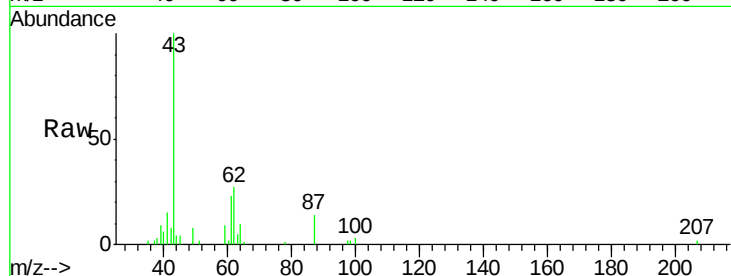
Tot Ion: 43 Resp: 38176

Ion Ratio Lower Upper

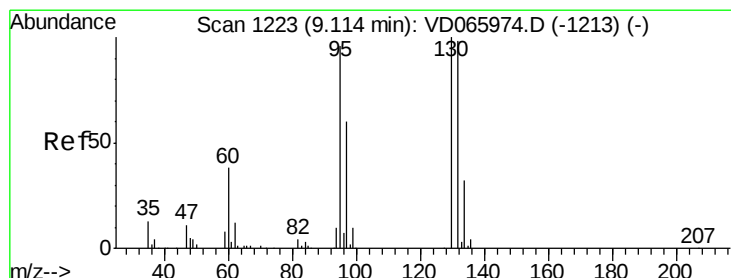
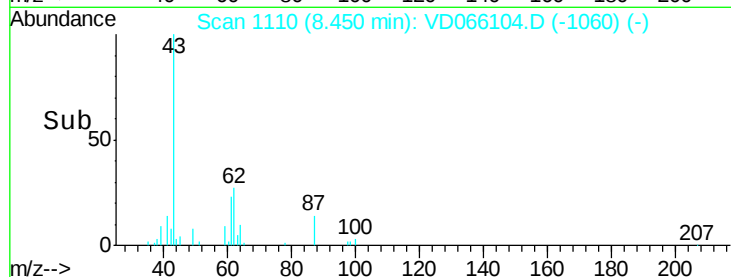
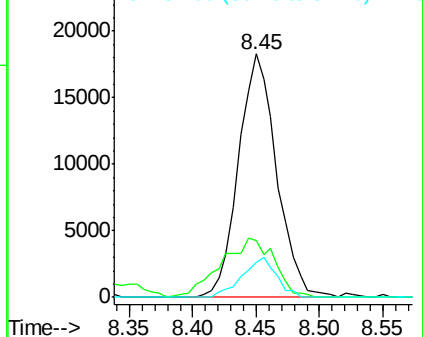
43 100

61 34.0 25.8 38.8

87 14.7 10.9 16.3



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: 22.126 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD066104.D

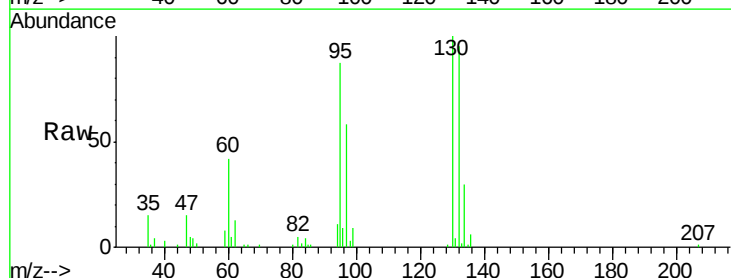
Acq: 30 Jul 2020 11:45

Tgt Ion: 130 Resp: 49009

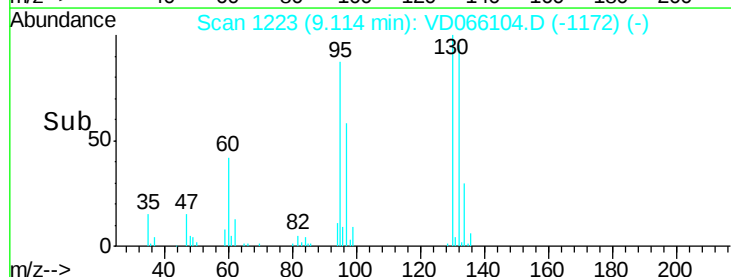
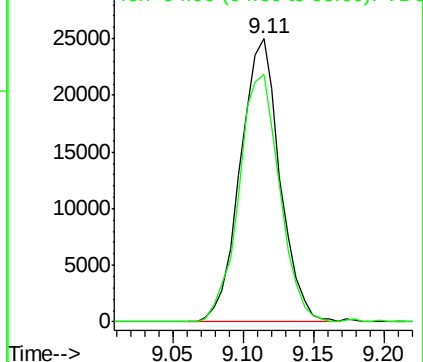
Ion Ratio Lower Upper

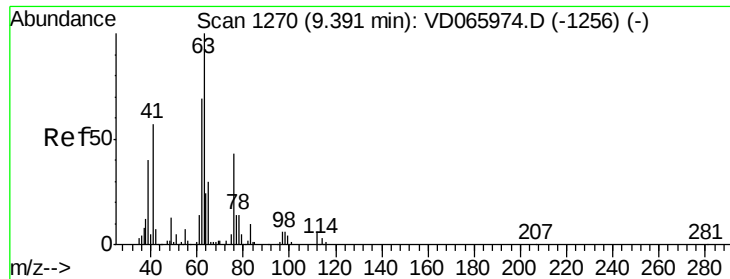
130 100

95 87.4 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.468 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

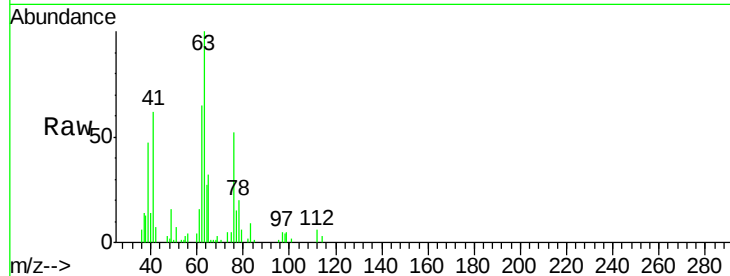
VD0730SBSD01

Tot Ion: 63 Resp: 36285

Ion Ratio Lower Upper

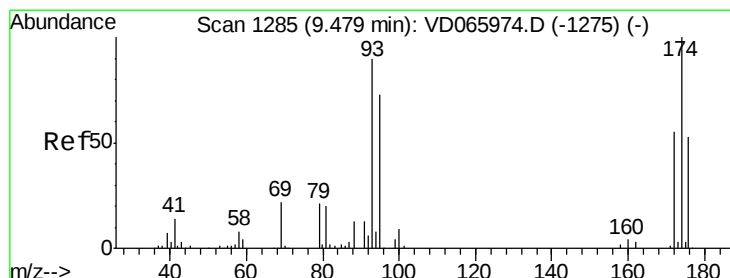
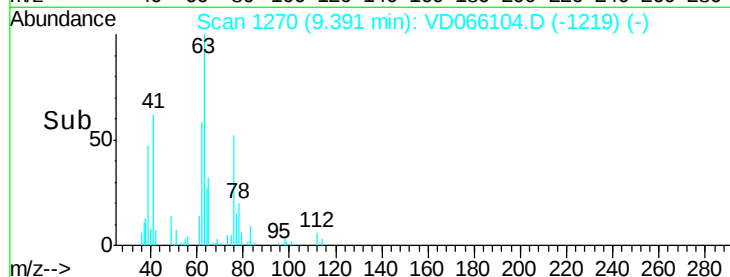
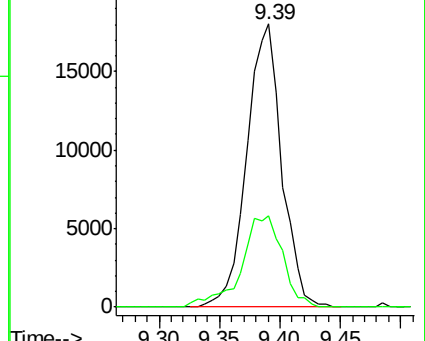
63 100

65 32.3 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.972 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

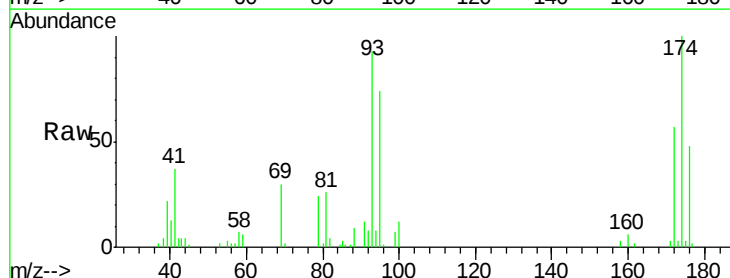
Tgt Ion: 93 Resp: 20969

Ion Ratio Lower Upper

93 100

95 86.4 66.2 99.4

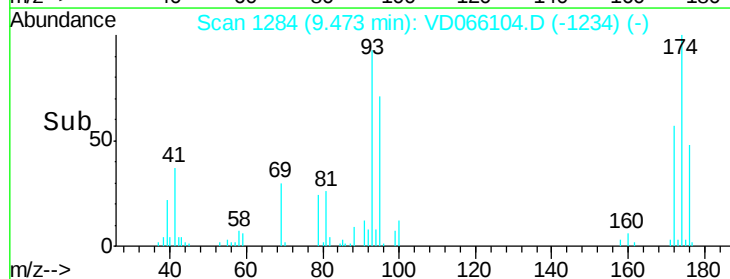
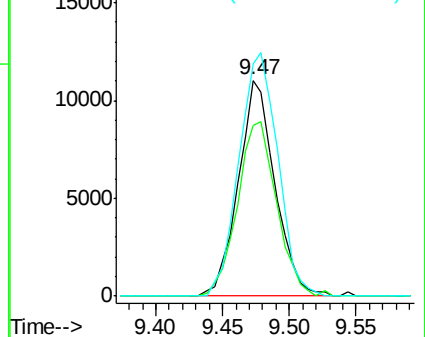
174 119.4 91.5 137.3

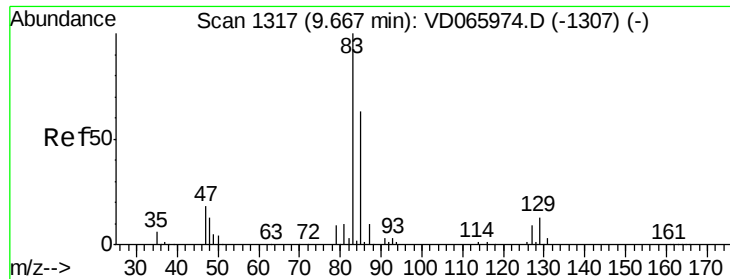


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.927 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBSD01

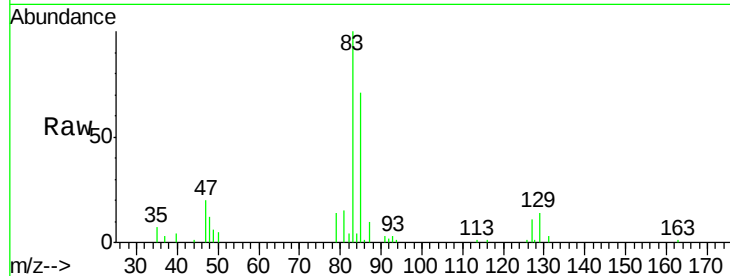
Tot Ion: 83 Resp: 57854

Ion Ratio Lower Upper

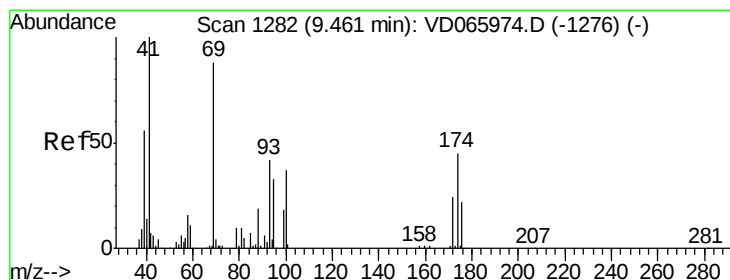
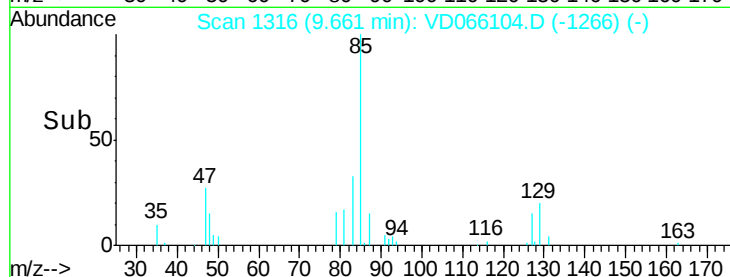
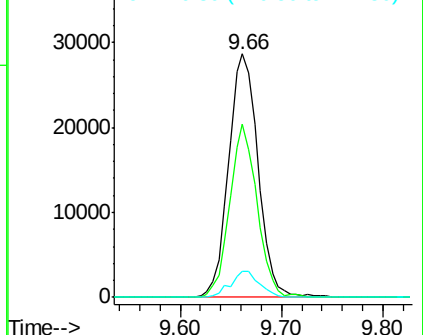
83 100

85 71.3 50.6 75.8

127 10.6 7.1 10.7



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: 18.611 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

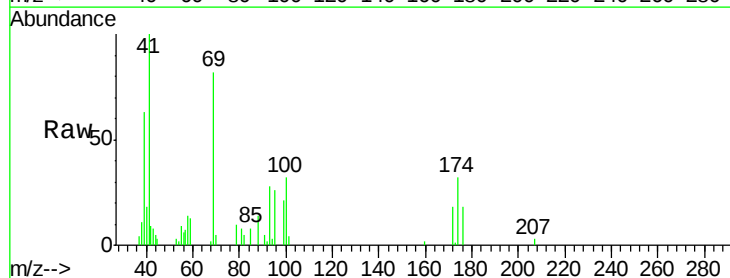
Tgt Ion: 41 Resp: 18321

Ion Ratio Lower Upper

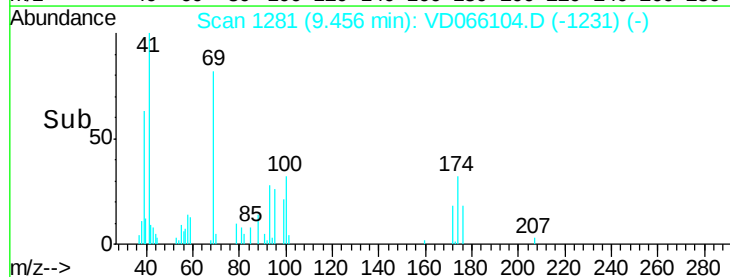
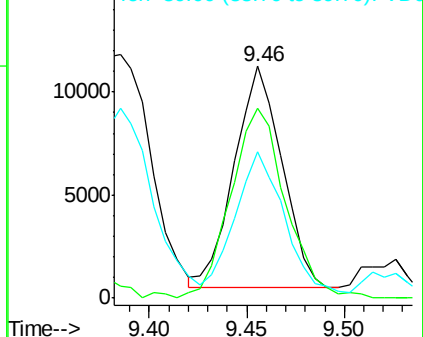
41 100

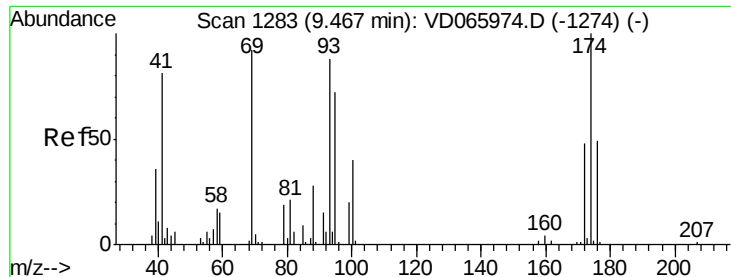
69 97.7 65.1 97.7#

39 64.6 41.5 62.3#



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

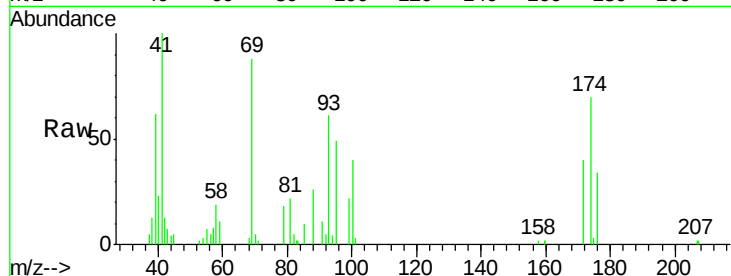




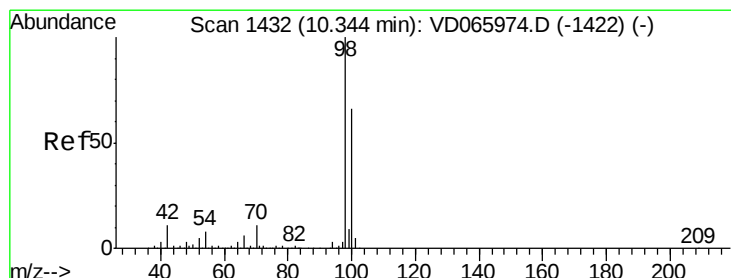
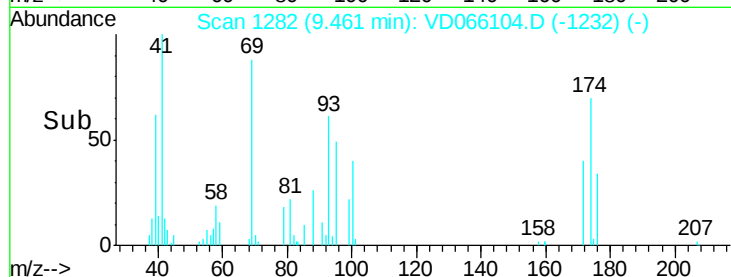
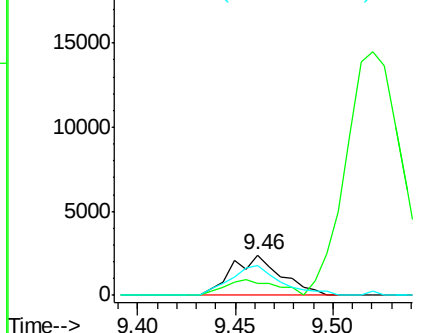
#49
1,4-Dioxane
Concen: 376.338 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBSD01

Tot Ion: 88 Resp: 4161
Ion Ratio Lower Upper
88 100
43 40.4 29.0 43.6
58 75.8 57.0 85.4

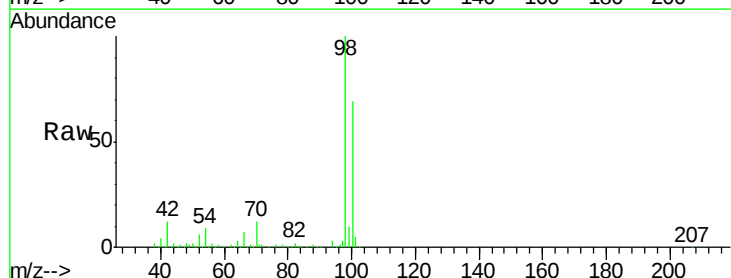


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

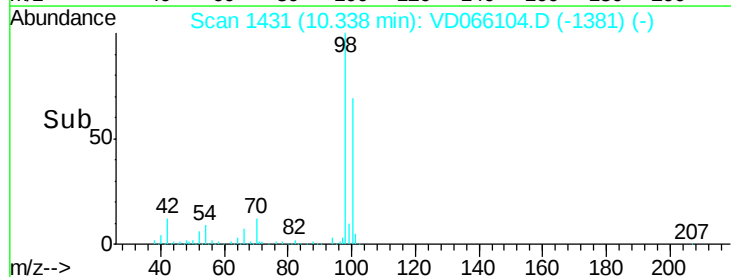
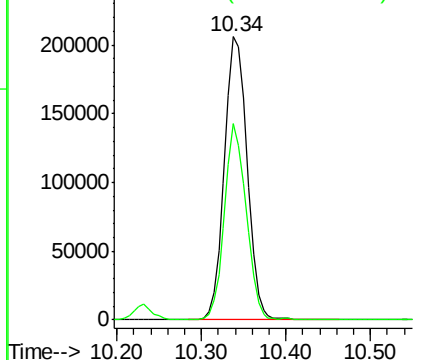


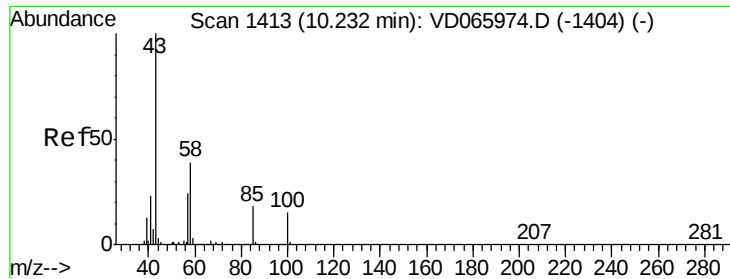
#50
Toluene-d8
Concen: 55.434 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion: 98 Resp: 383979
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



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

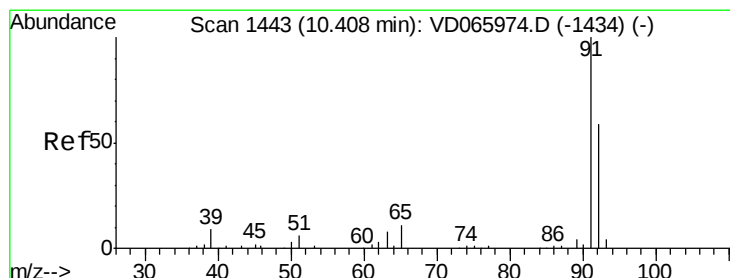
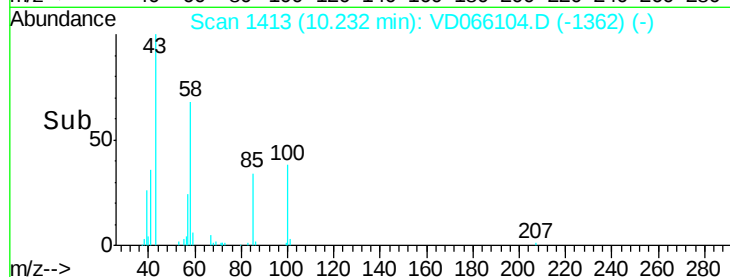
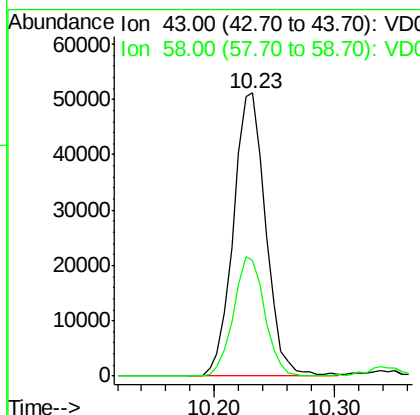
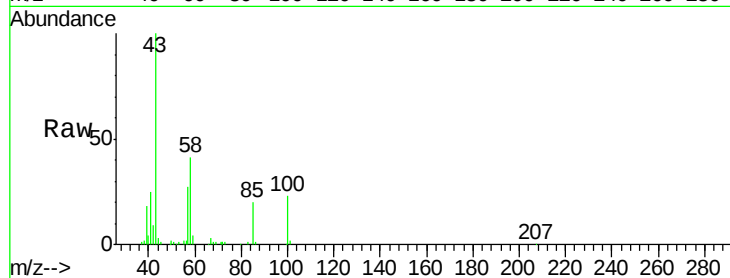




#51
4-Methyl-2-Pentanone
Concen: 97.339 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

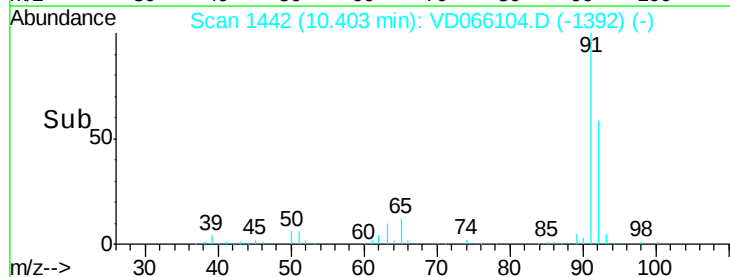
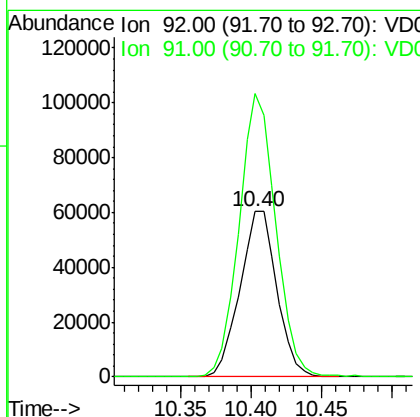
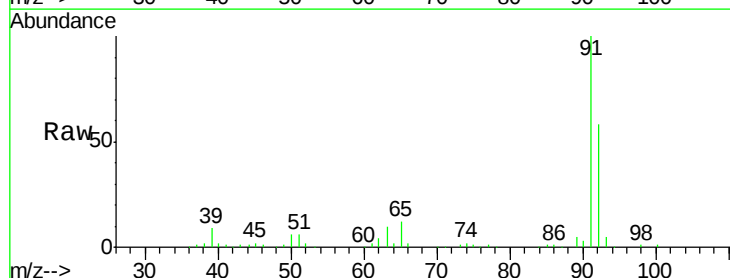
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBS01

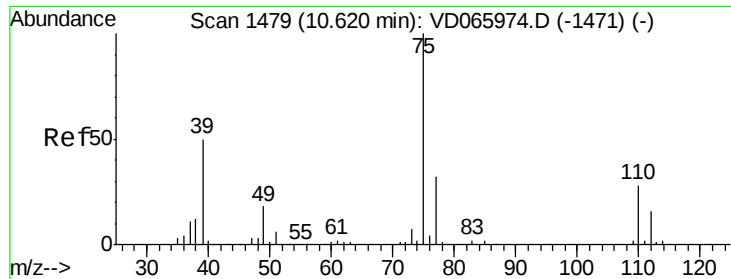
Tot Ion: 43 Resp: 95714
Ion Ratio Lower Upper
43 100
58 40.6 31.3 46.9



#52
Toluene
Concen: 23.197 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion: 92 Resp: 110731
Ion Ratio Lower Upper
92 100
91 169.2 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 23.255 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

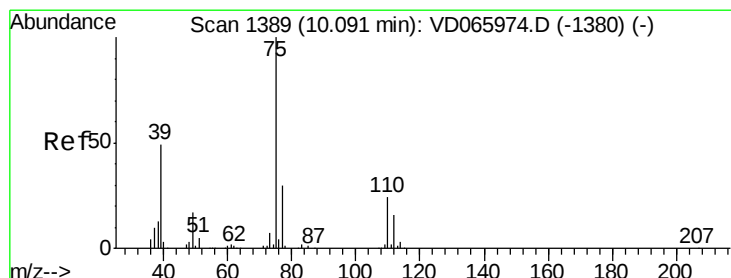
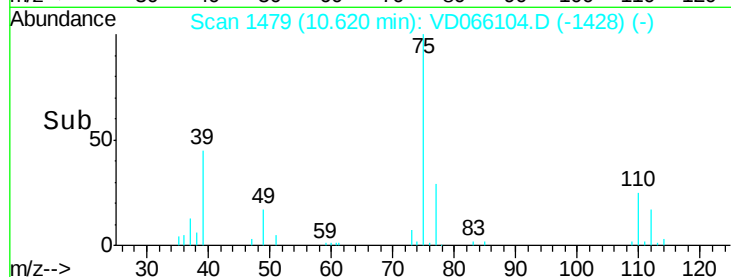
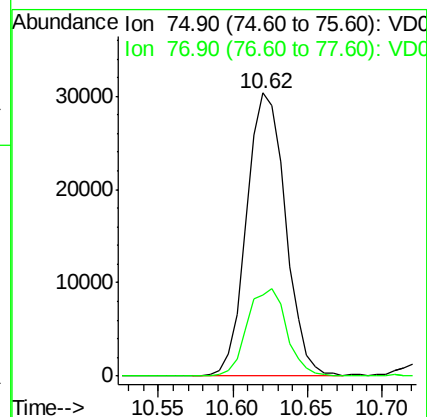
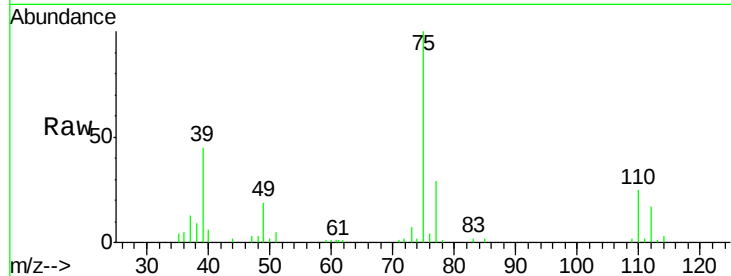
VD0730SBS01

Tot Ion: 75 Resp: 54670

Ion Ratio Lower Upper

75 100

77 28.7 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 22.237 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

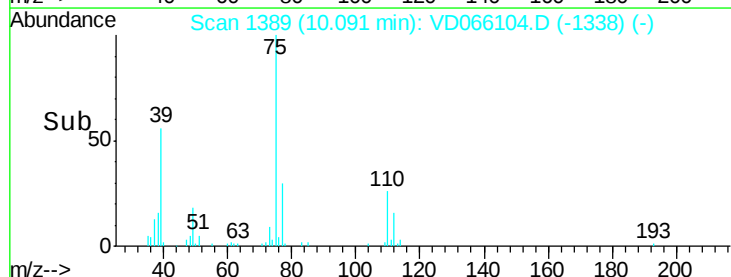
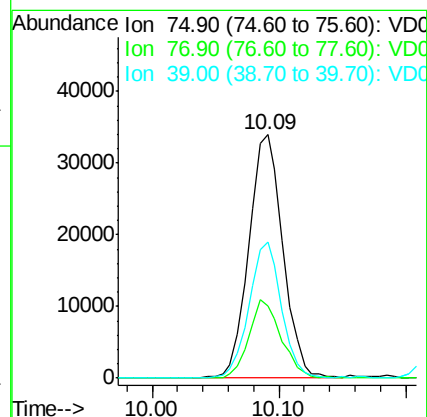
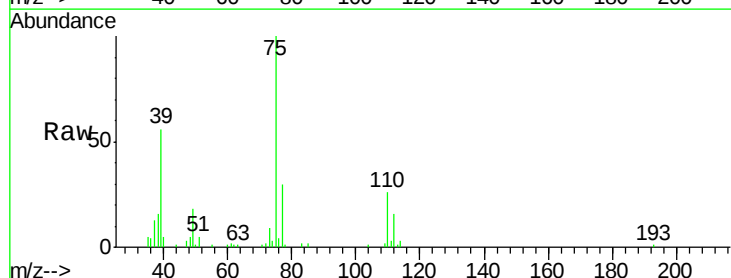
Tgt Ion: 75 Resp: 63368

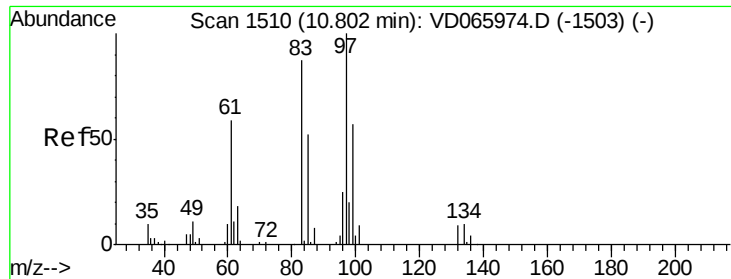
Ion Ratio Lower Upper

75 100

77 29.7 23.8 35.8

39 56.1 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 22.473 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBS01

Tot Ion: 97 Resp: 30417

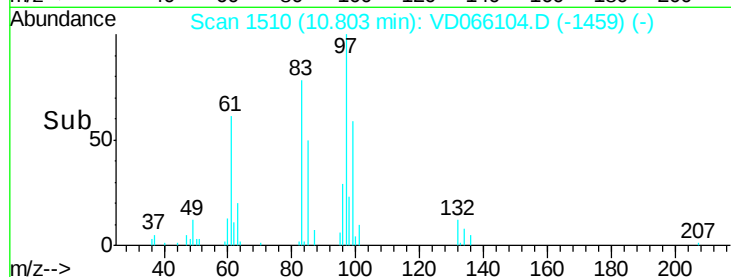
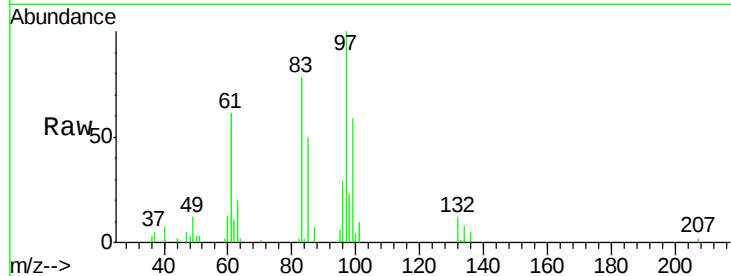
Ion	Ratio	Lower	Upper
97	100		
83	78.0	69.7	104.5
85	50.1	41.6	62.4
99	58.8	45.9	68.9

97 100

83 78.0 69.7 104.5

85 50.1 41.6 62.4

99 58.8 45.9 68.9



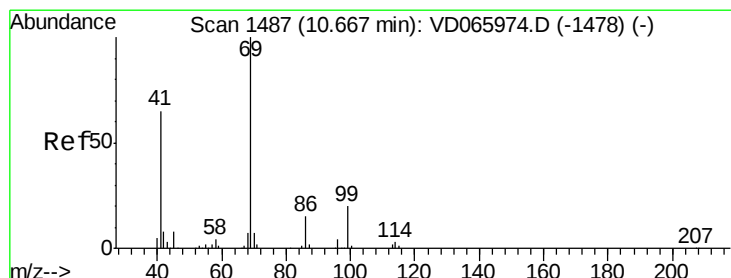
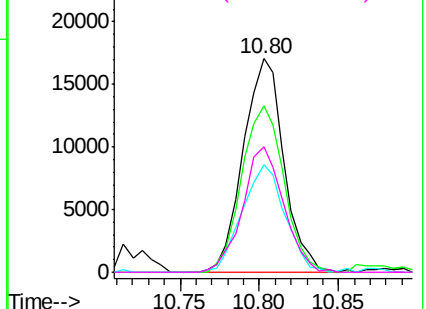
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 21.790 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

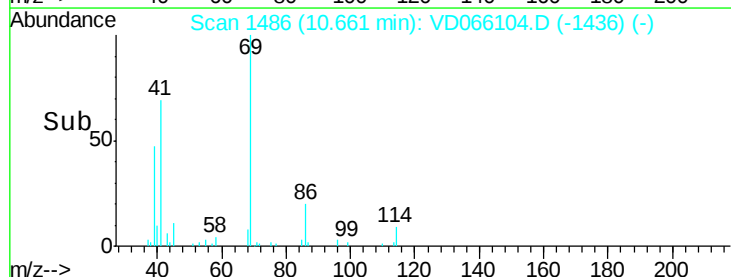
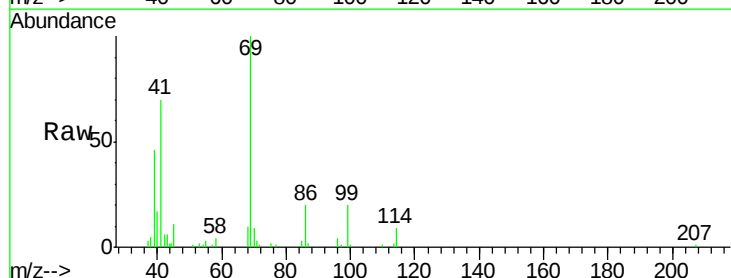
Tgt Ion: 69 Resp: 34290

Ion	Ratio	Lower	Upper
69	100		
41	63.3	52.3	78.5
39	39.5	25.2	37.8#

69 100

41 63.3 52.3 78.5

39 39.5 25.2 37.8#

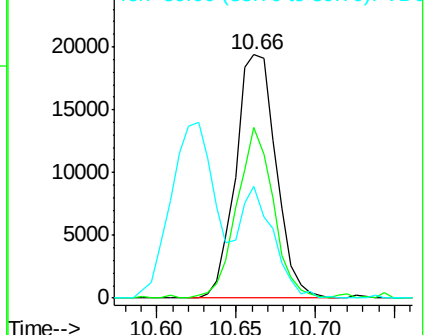


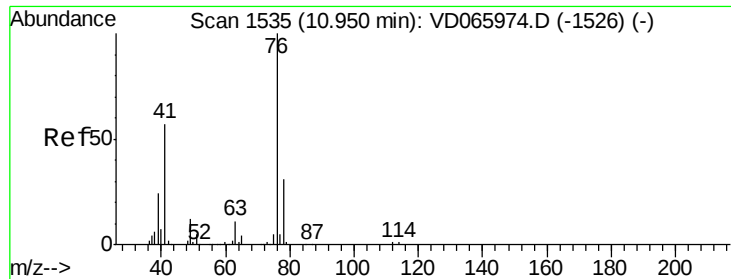
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.854 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

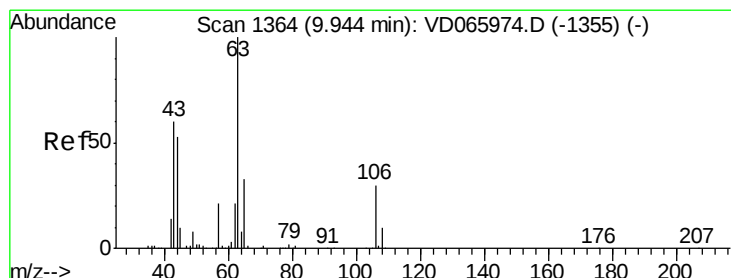
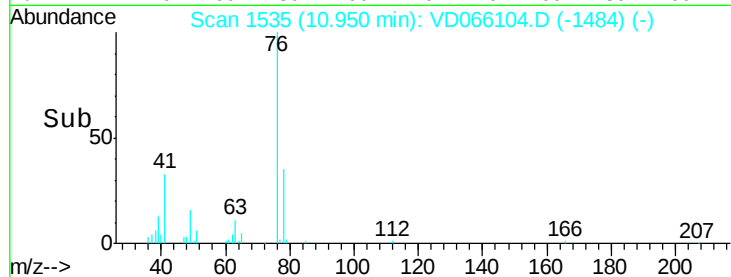
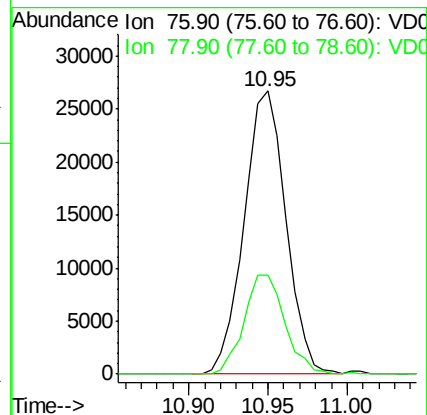
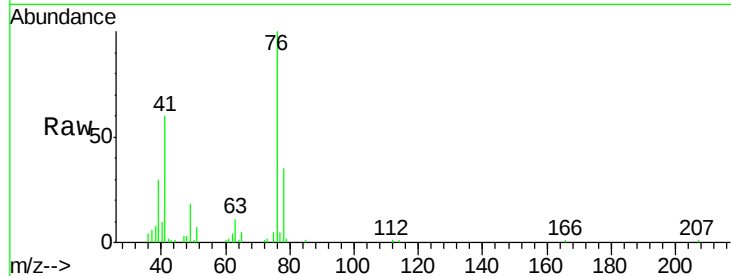
VD0730SBSD01

Tot Ion: 76 Resp: 48966

Ion Ratio Lower Upper

76 100

78 34.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 116.130 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD066104.D

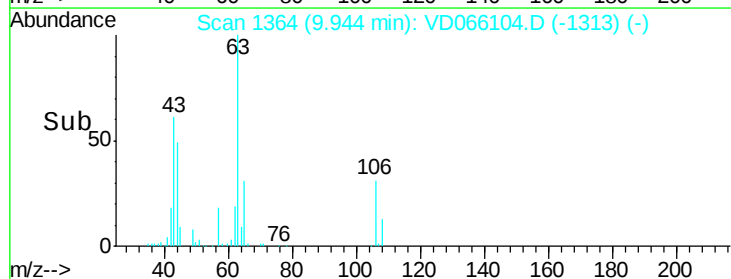
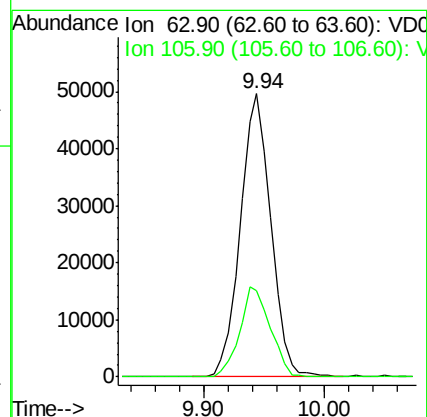
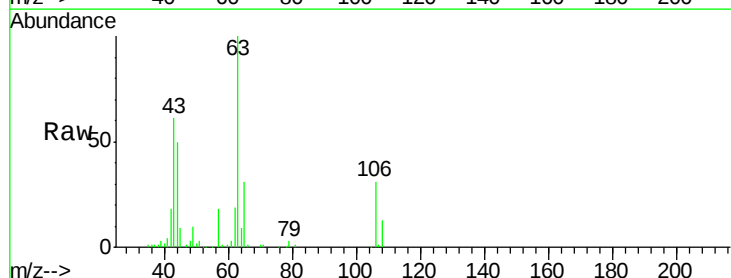
Acq: 30 Jul 2020 11:45

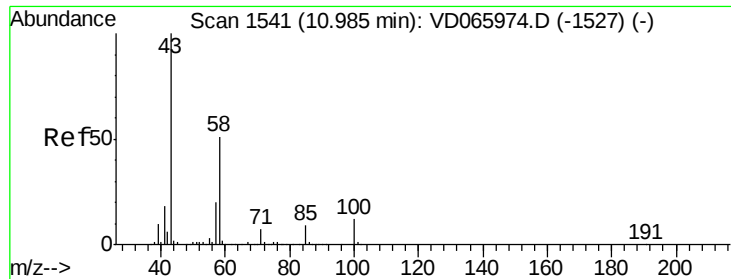
Tgt Ion: 63 Resp: 87299

Ion Ratio Lower Upper

63 100

106 31.9 24.4 36.6

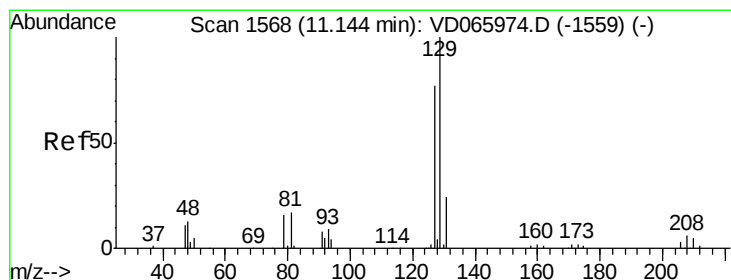
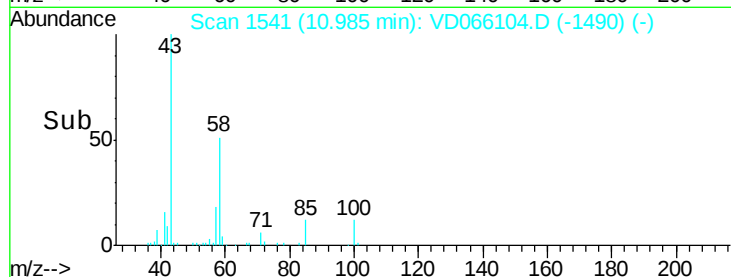
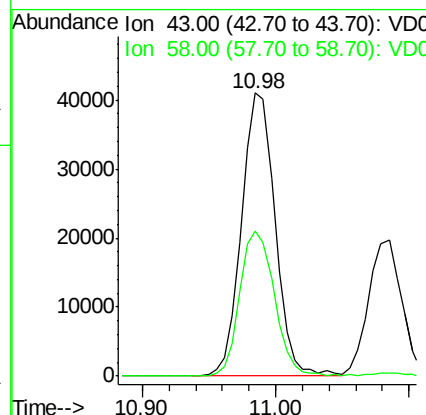
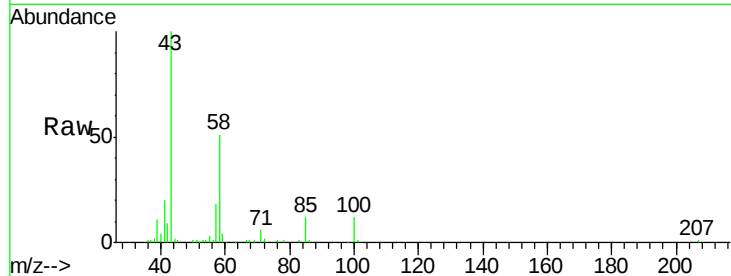




#59
2-Hexanone
Concen: 104.832 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

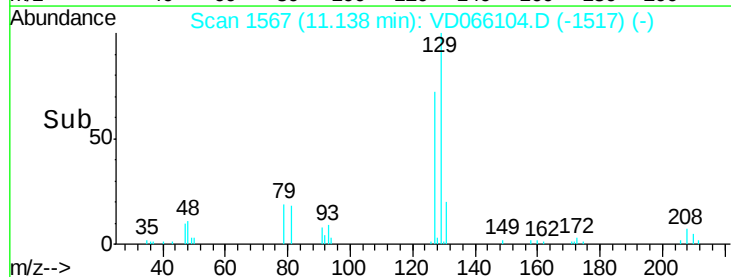
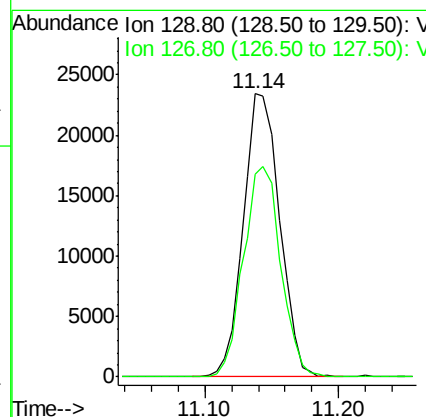
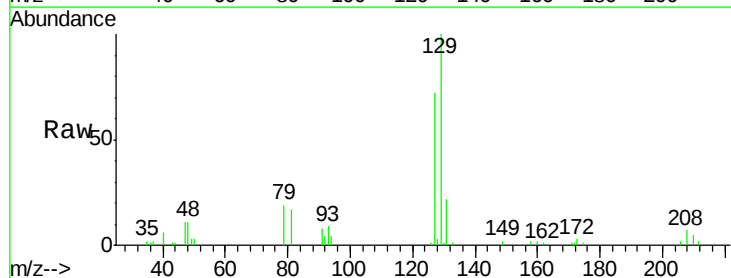
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBSD01

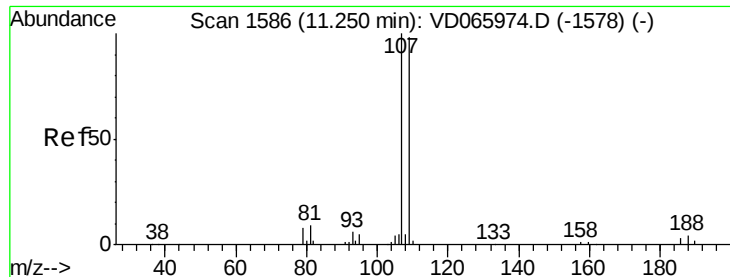
Tot Ion: 43 Resp: 71435
Ion Ratio Lower Upper
43 100
58 52.9 26.2 78.6



#60
Dibromochloromethane
Concen: 24.168 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion: 129 Resp: 44105
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.7

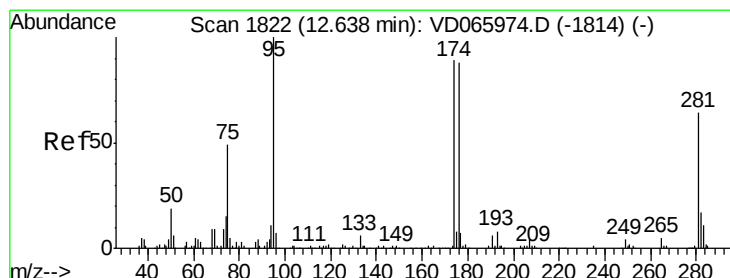
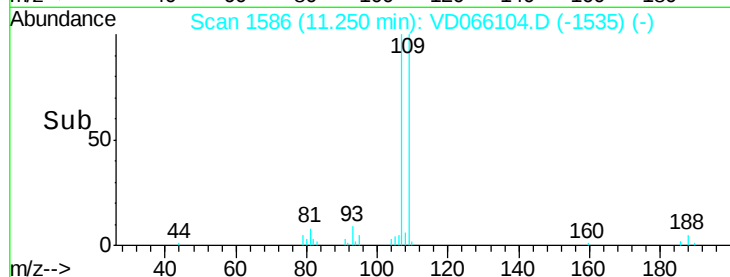
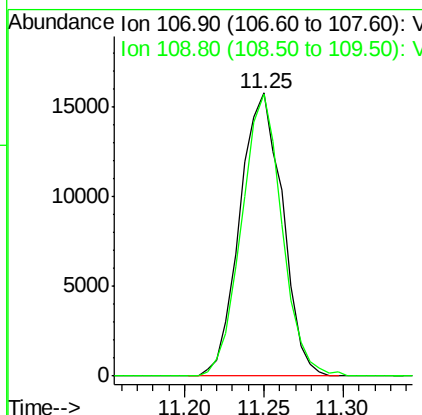
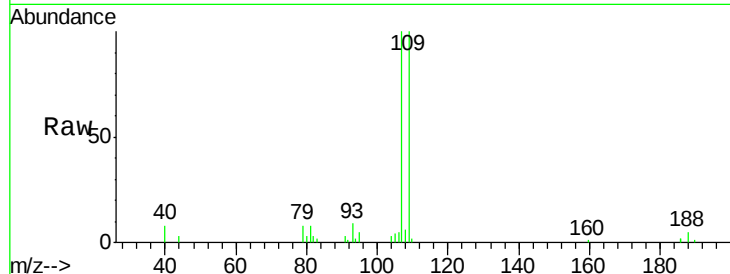




#61
 1,2-Dibromoethane
 Concen: 22.669 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

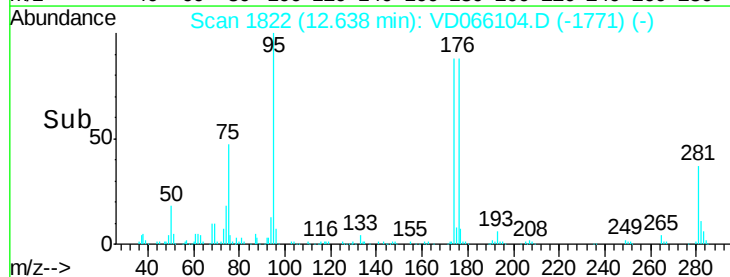
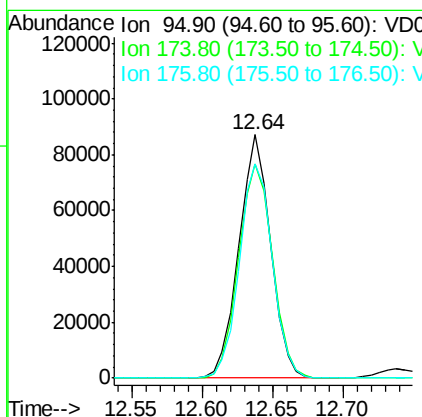
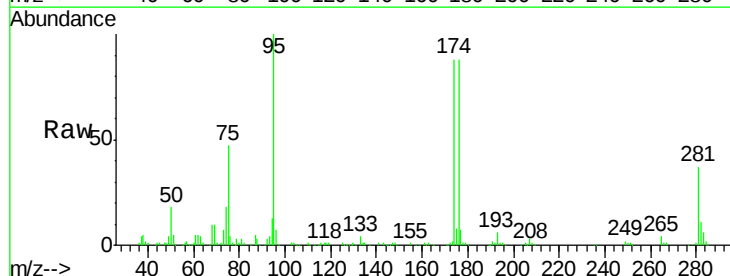
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBSD01

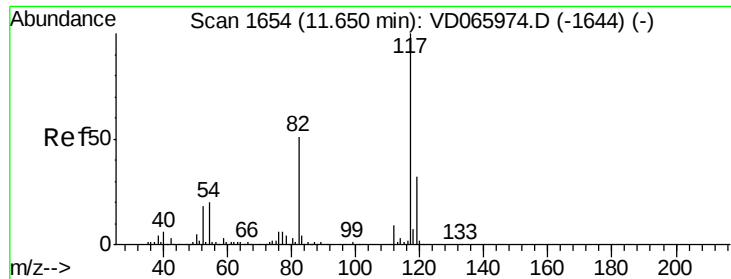
Tot Ion: 107 Resp: 29584
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 56.989 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

Tgt Ion: 95 Resp: 136875
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 178.8
 176 91.5 0.0 172.6

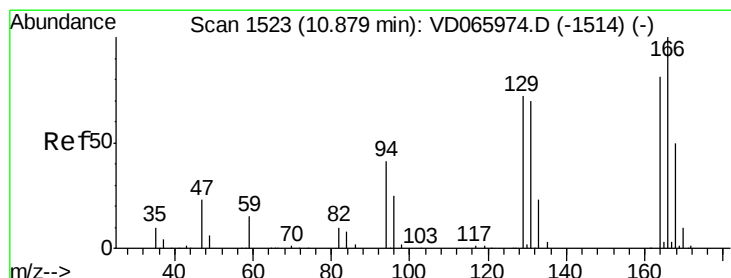
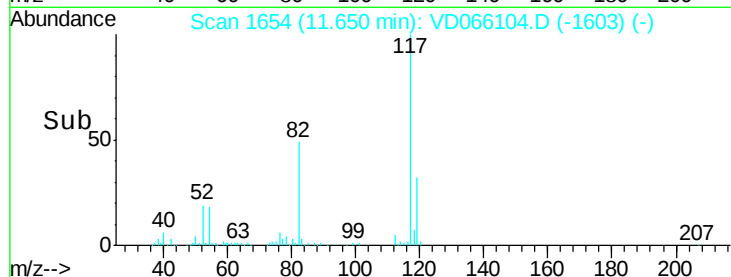
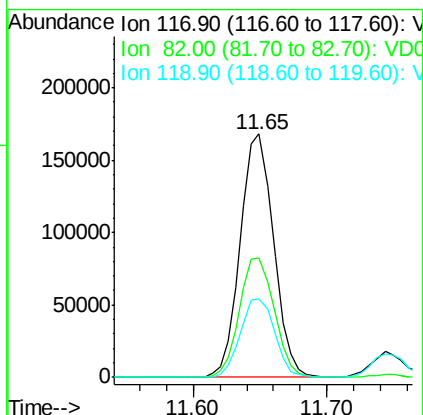
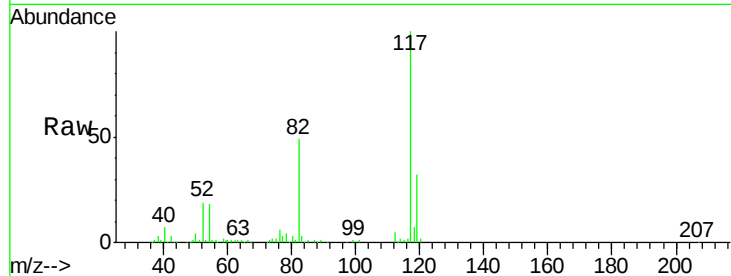




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

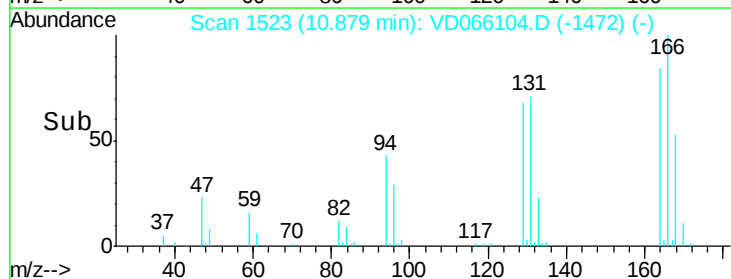
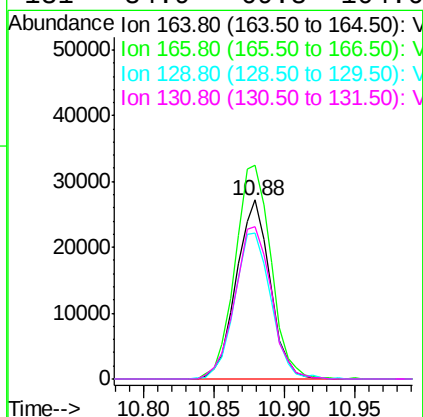
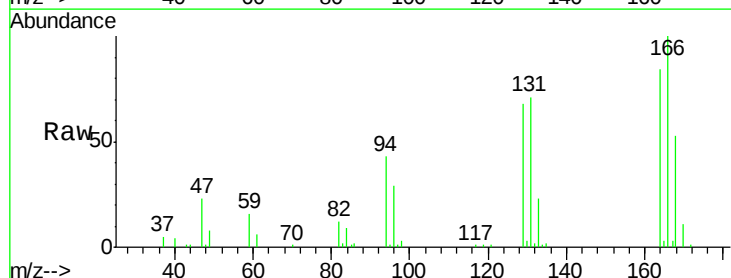
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBSD01

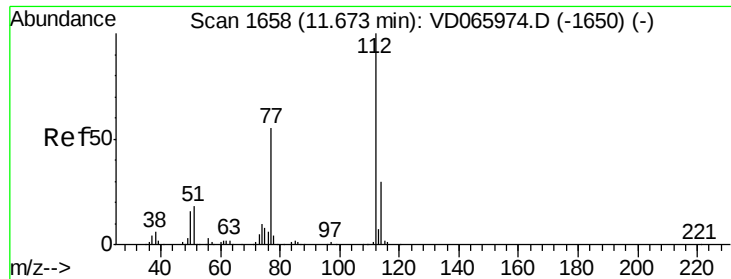
Tot Ion:117 Resp: 291308
Ion Ratio Lower Upper
117 100
82 49.3 41.1 61.7
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 23.007 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion:164 Resp: 45489
Ion Ratio Lower Upper
164 100
166 119.3 99.1 148.7
129 81.7 71.5 107.3
131 84.9 69.8 104.6

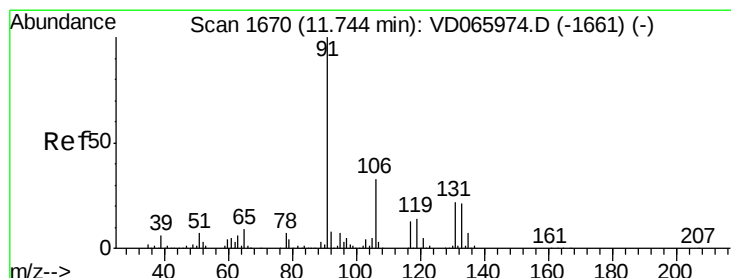
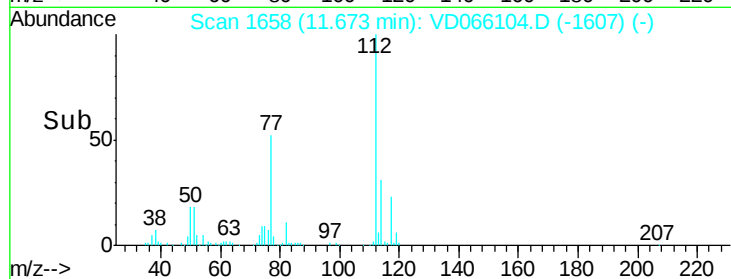
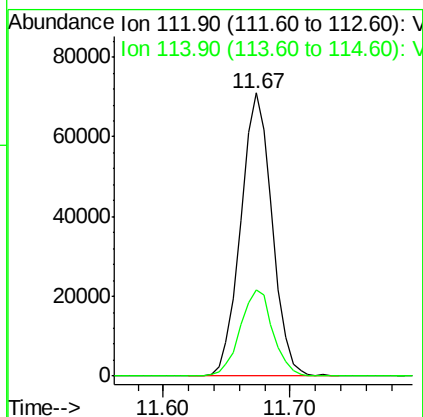
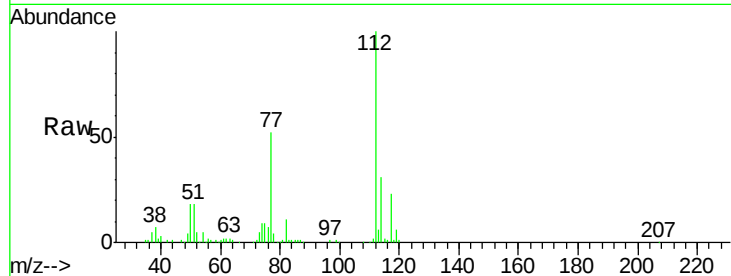




#65
Chlorobenzene
Concen: 22.819 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

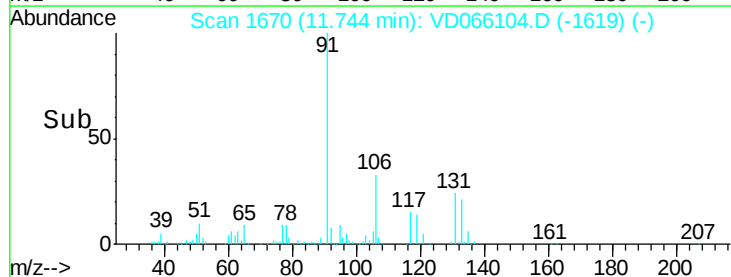
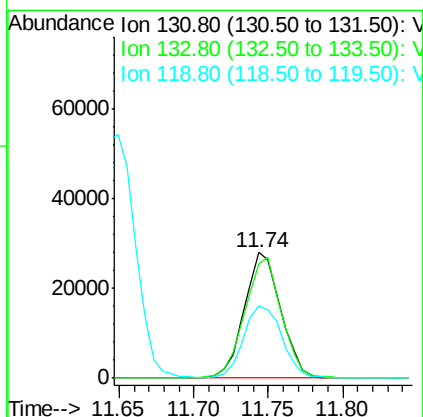
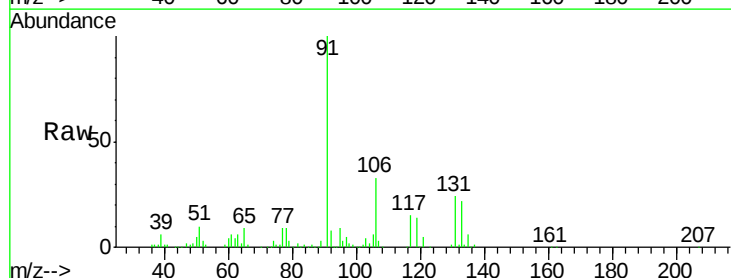
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBSD01

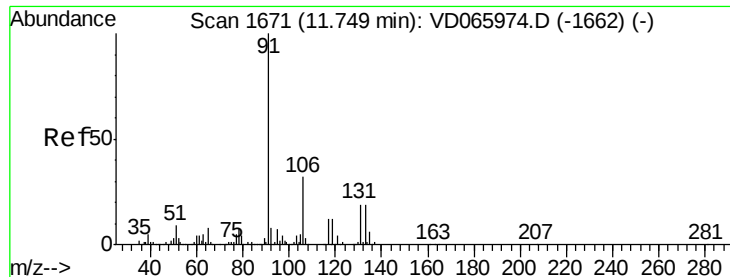
Tot Ion:112 Resp: 121711
Ion Ratio Lower Upper
112 100
114 30.6 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 24.050 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion:131 Resp: 47365
Ion Ratio Lower Upper
131 100
133 96.9 47.3 142.0
119 60.6 31.7 95.1

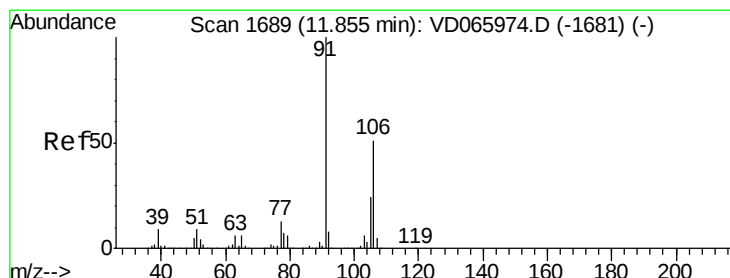
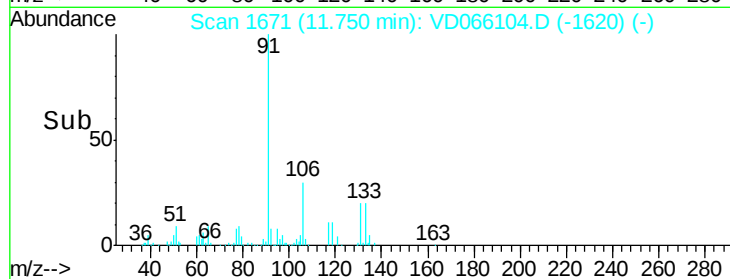
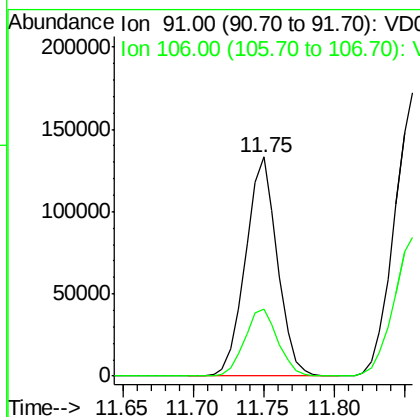
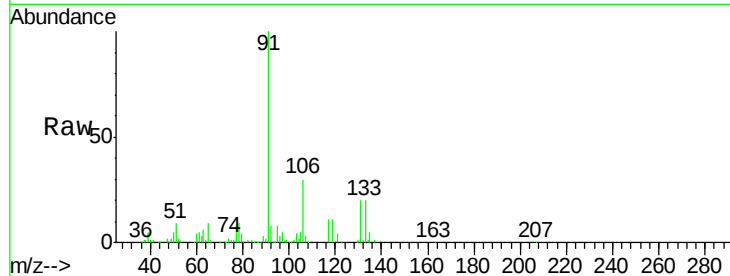




#67
Ethyl Benzene
Concen: 22.907 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

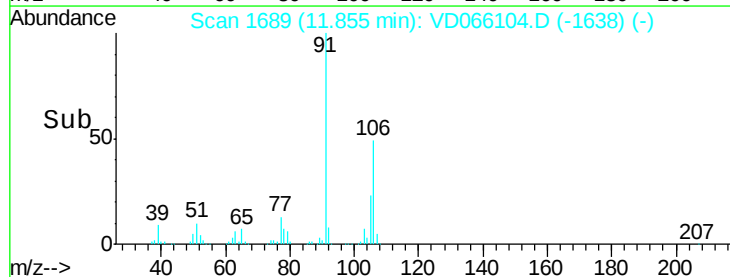
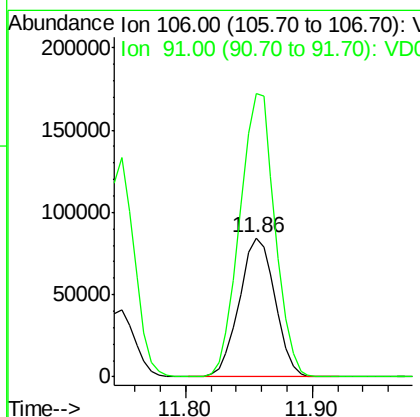
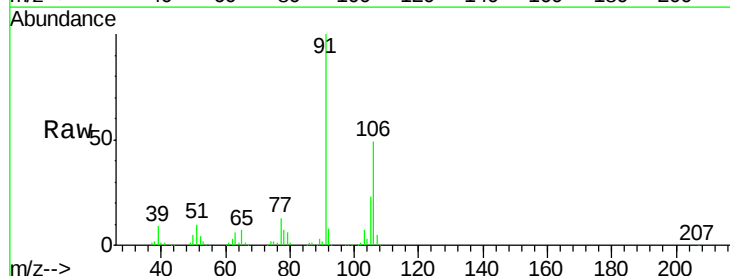
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBS01

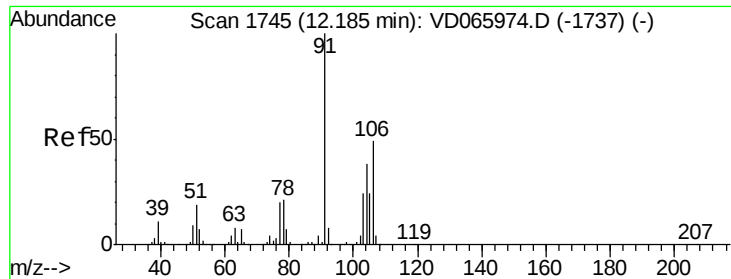
Tot Ion: 91 Resp: 210261
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5



#68
m/p-Xylenes
Concen: 46.832 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion: 106 Resp: 165222
Ion Ratio Lower Upper
106 100
91 201.2 157.0 235.6

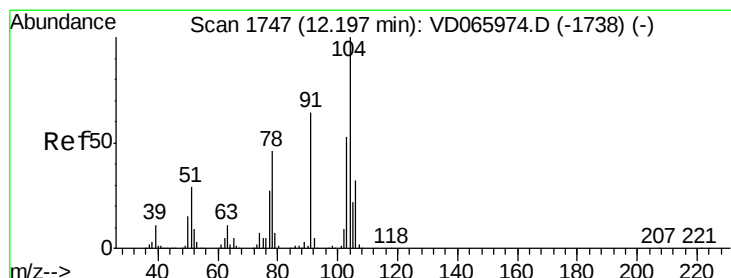
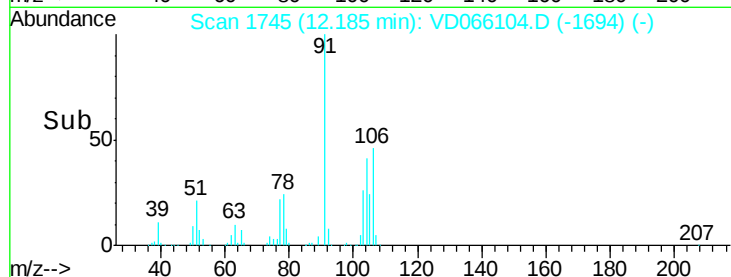
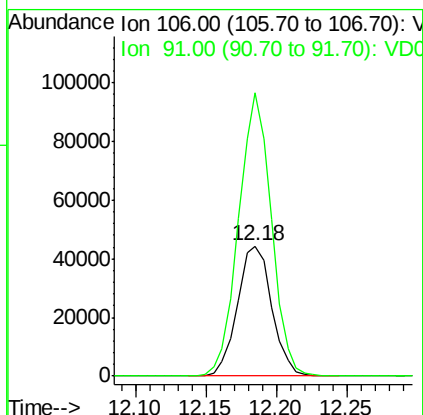
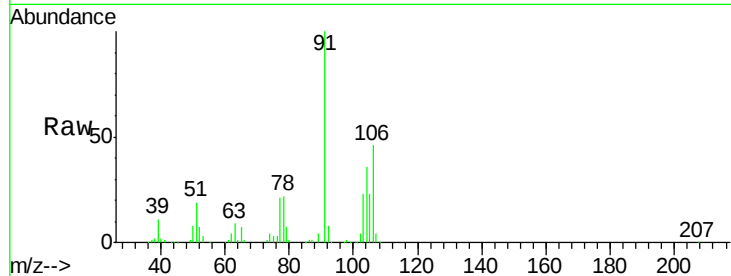




#69
o-Xylene
Concen: 23.558 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

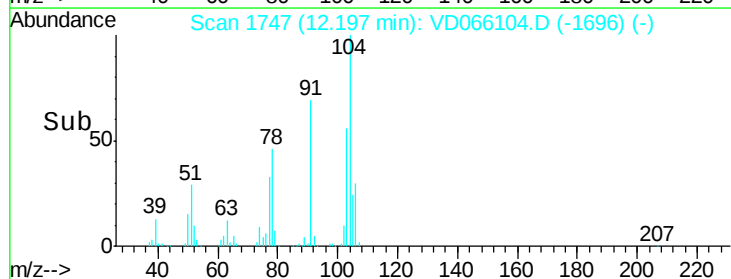
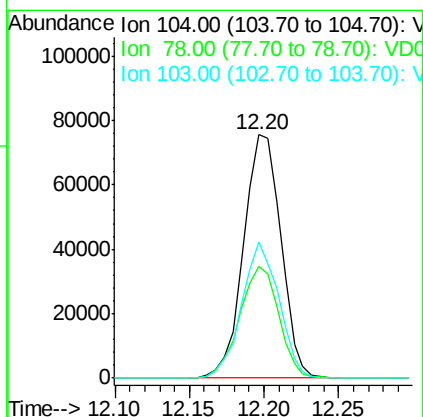
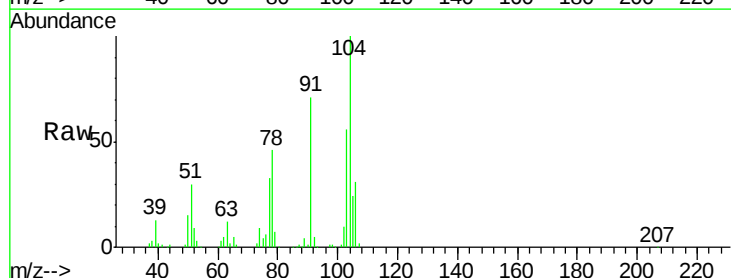
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBS01

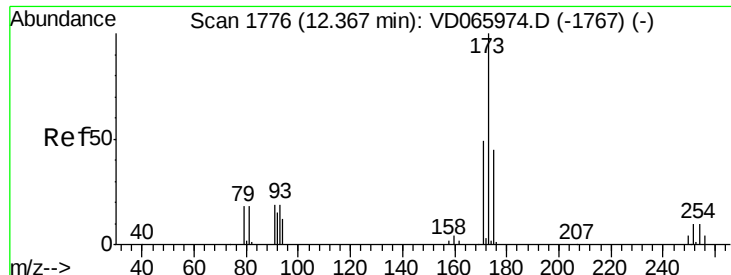
Tot Ion:106 Resp: 75592
Ion Ratio Lower Upper
106 100
91 207.0 103.1 309.3



#70
Styrene
Concen: 23.699 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion:104 Resp: 130657
Ion Ratio Lower Upper
104 100
78 48.2 38.3 57.5
103 55.7 43.8 65.8

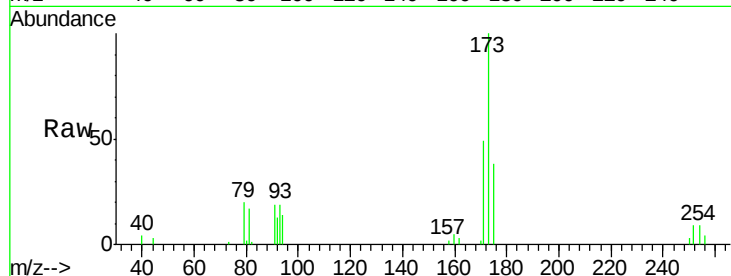




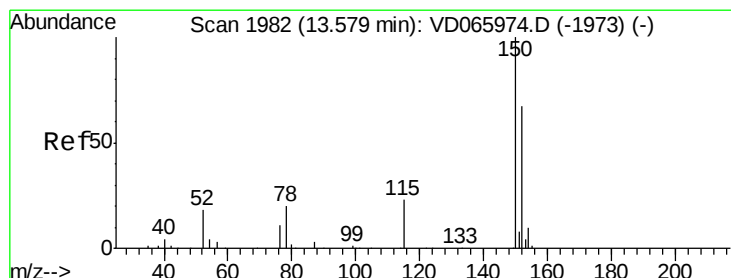
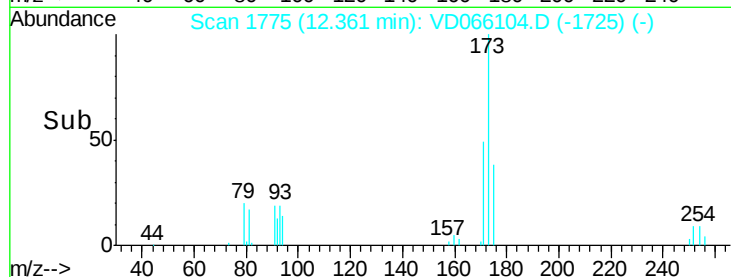
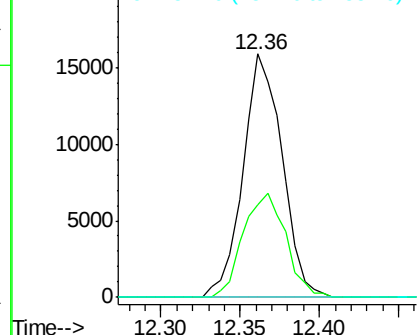
#71
Bromoform
Concen: 23.610 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBSD01

Tot Ion:173 Resp: 27237
Ion Ratio Lower Upper
173 100
175 46.8 24.1 72.3
254 0.0 0.0 0.0

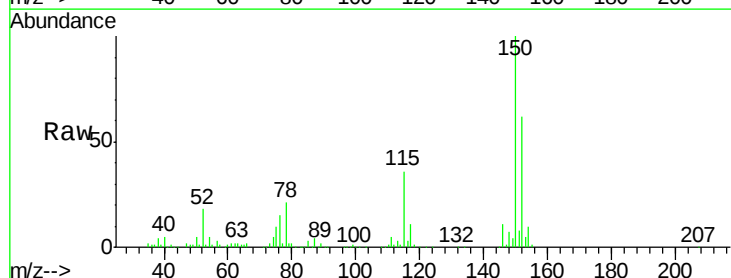


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

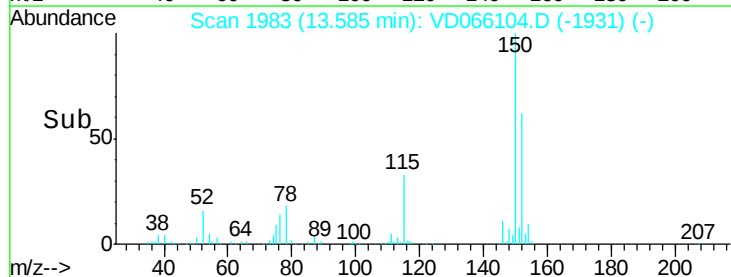
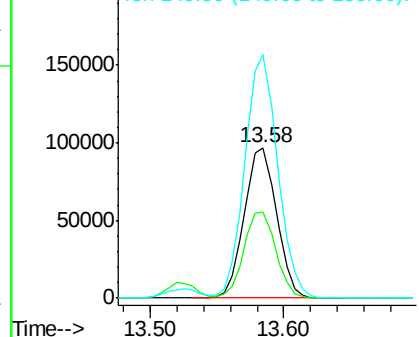


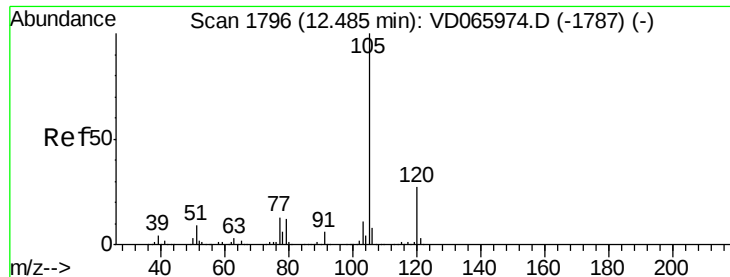
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion:152 Resp: 161972
Ion Ratio Lower Upper
152 100
115 56.5 27.9 83.7
150 164.0 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.818 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

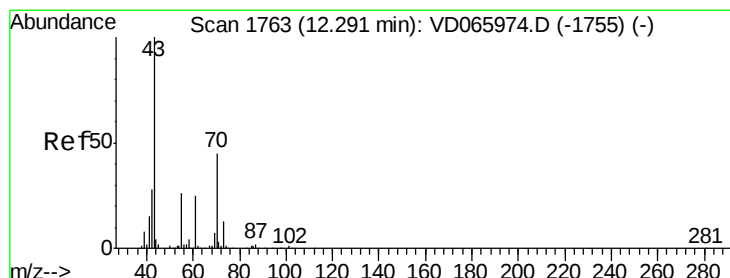
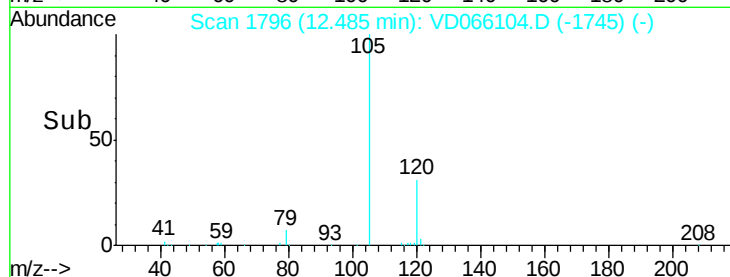
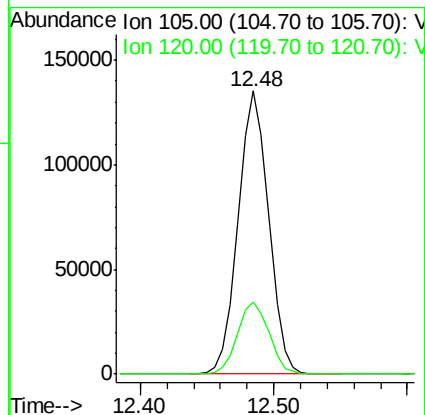
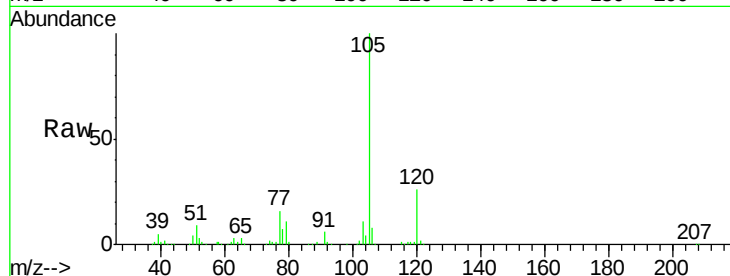
VD0730SBS01

Tot Ion:105 Resp: 213832

Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.8



#74

N-ethyl acetate

Concen: 18.356 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Tgt Ion: 43 Resp: 37301

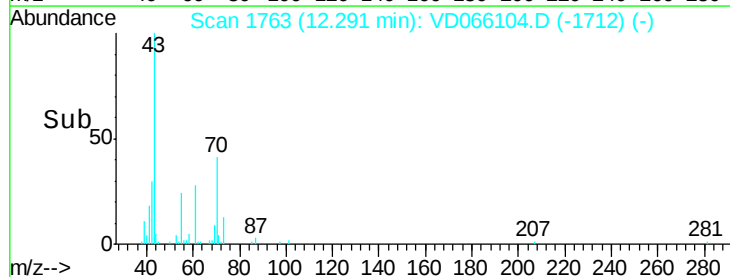
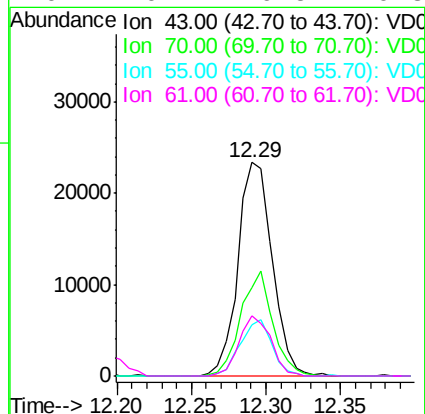
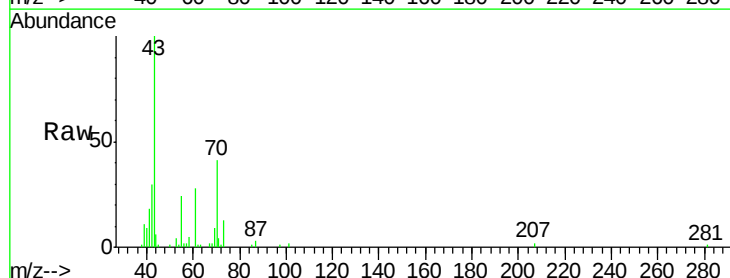
Ion Ratio Lower Upper

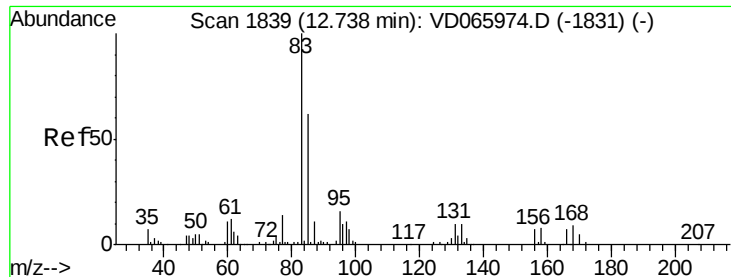
43 100

70 45.7 34.6 51.8

55 24.4 20.3 30.5

61 26.2 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.002 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBSD01

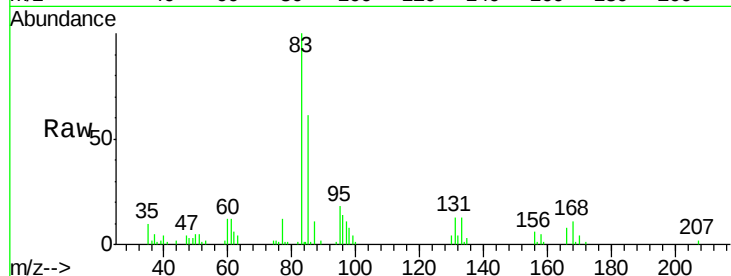
Tot Ion: 83 Resp: 30778

Ion Ratio Lower Upper

83 100

131 13.0 5.7 17.1

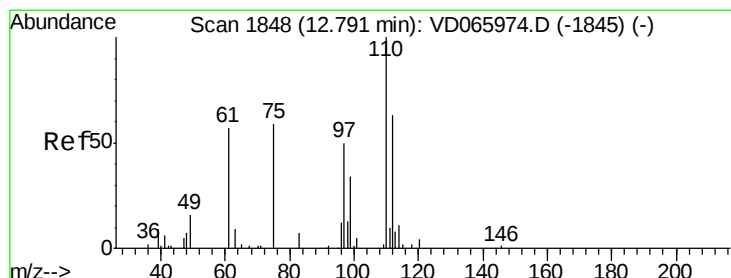
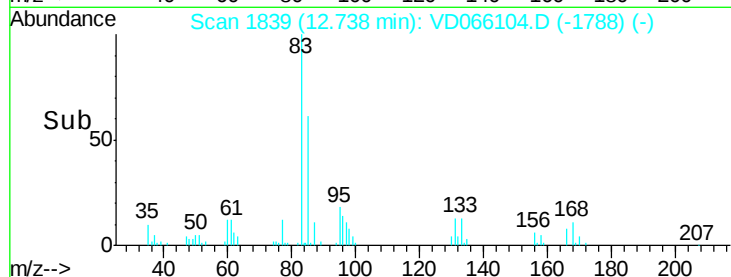
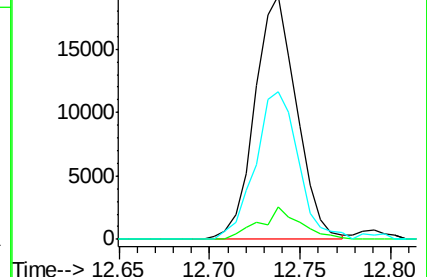
85 62.5 31.9 95.5



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: 35.261 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD066104.D

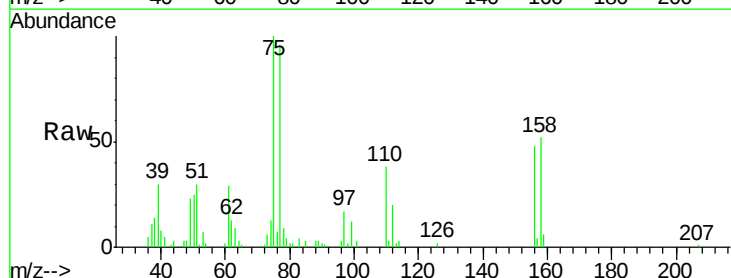
Acq: 30 Jul 2020 11:45

Tgt Ion: 75 Resp: 43003

Ion Ratio Lower Upper

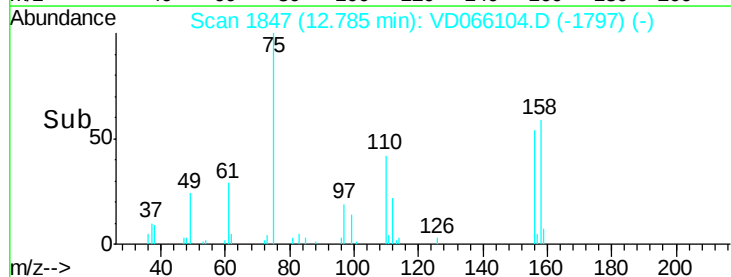
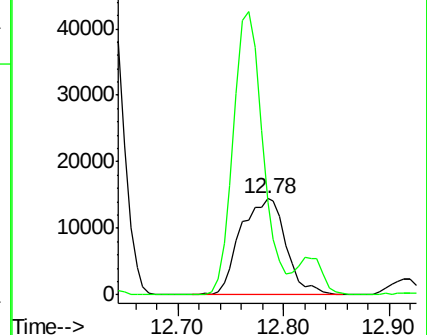
75 100

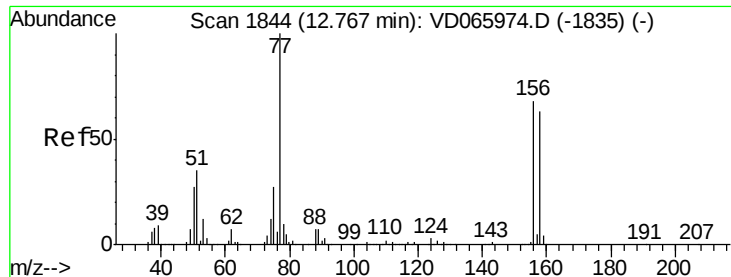
77 191.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

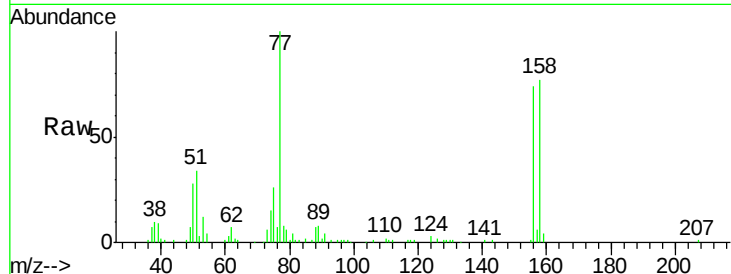




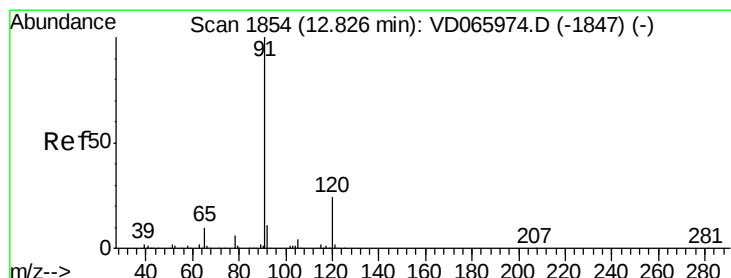
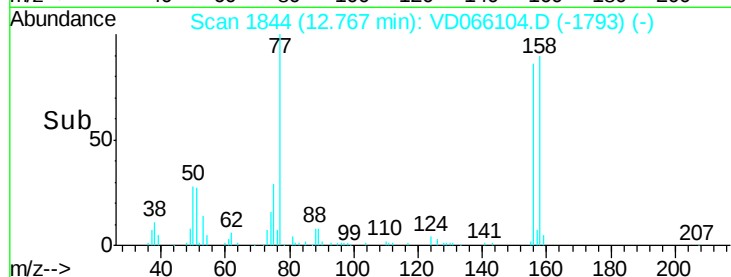
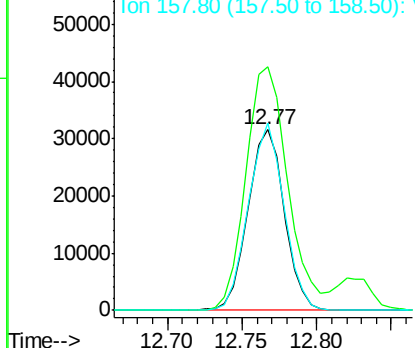
#77
Bromobenzene
Concen: 21.131 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBSD01

Tot Ion:156 Resp: 52929
Ion Ratio Lower Upper
156 100
77 155.6 83.0 249.0
158 101.7 48.2 144.6

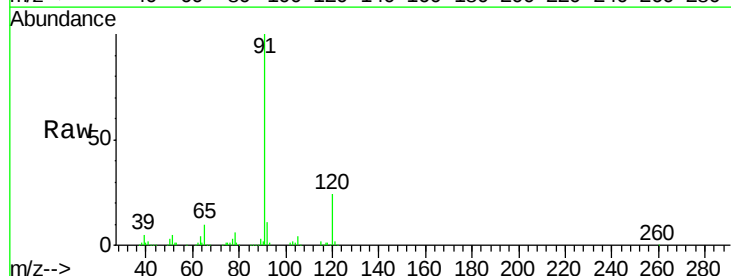


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

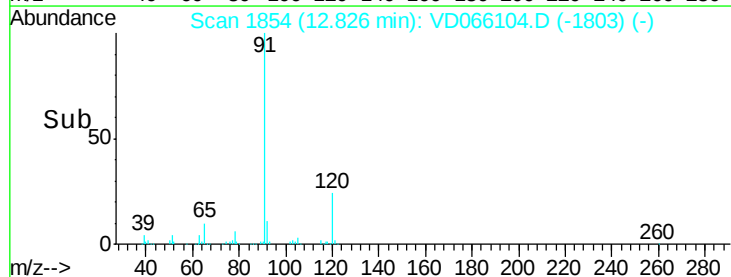
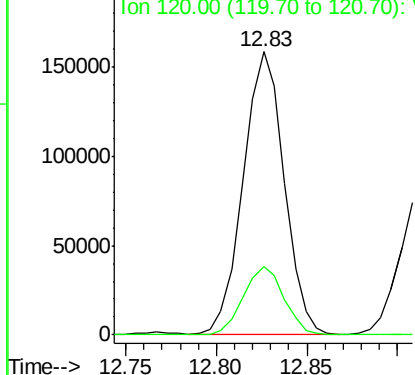


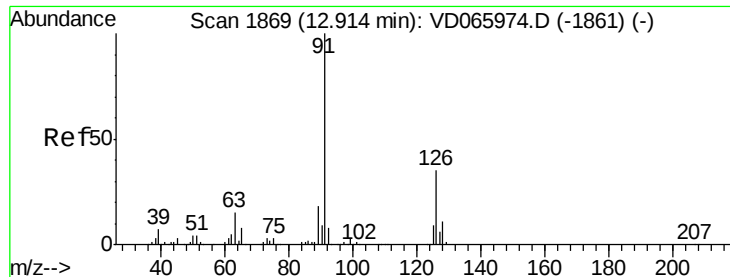
#78
n-propylbenzene
Concen: 21.849 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion: 91 Resp: 248490
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V

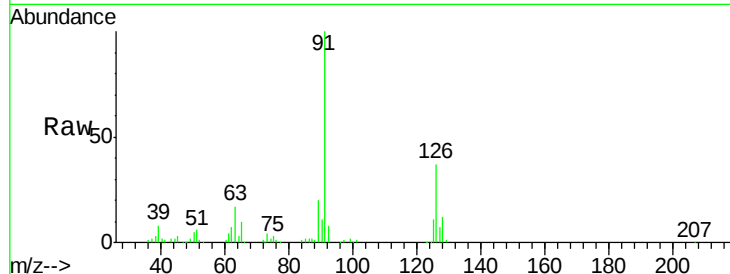




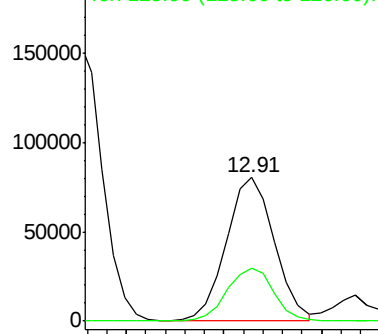
#79
2-Chlorotoluene
Concen: 21.134 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBSD01

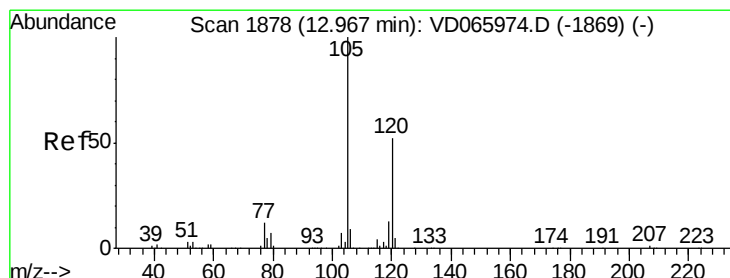
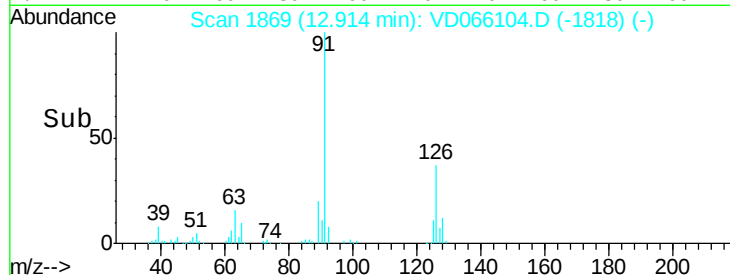
Tot Ion: 91 Resp: 137319
Ion Ratio Lower Upper
91 100
126 36.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD
Ion 125.90 (125.60 to 126.60): V

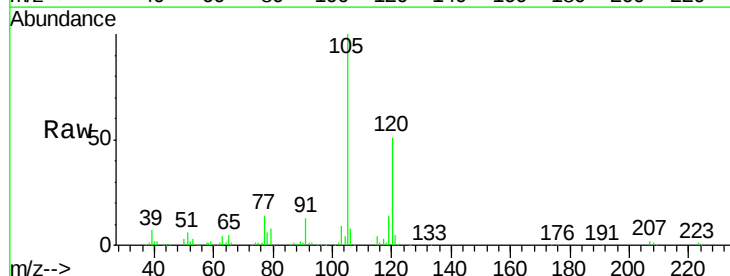


Time-->

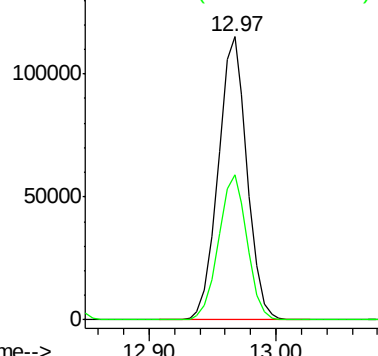


#80
1,3,5-Trimethylbenzene
Concen: 22.510 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

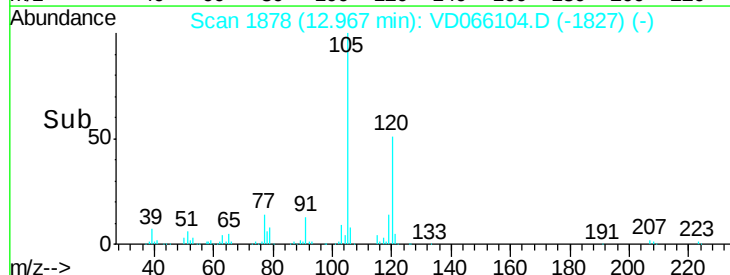
Tgt Ion:105 Resp: 181257
Ion Ratio Lower Upper
105 100
120 50.8 25.6 76.6

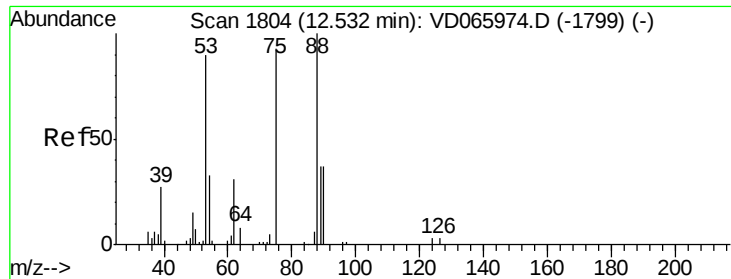


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->

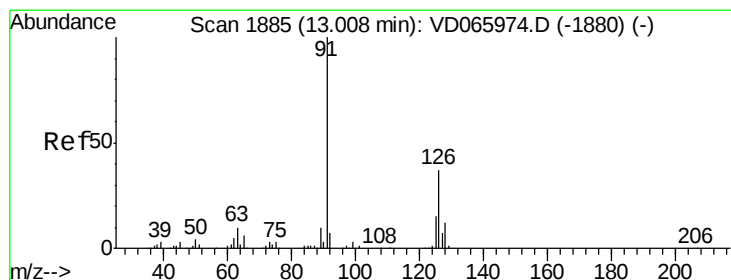
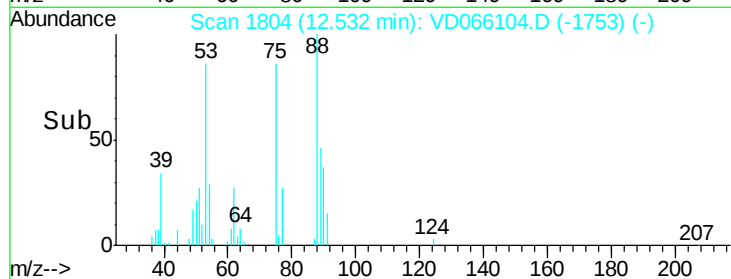
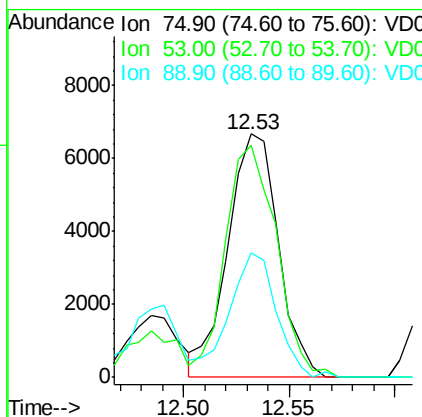
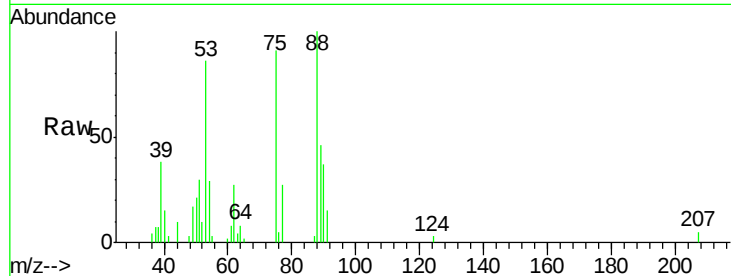




#81
trans-1,4-Dichloro-2-butene
Concen: 20.872 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

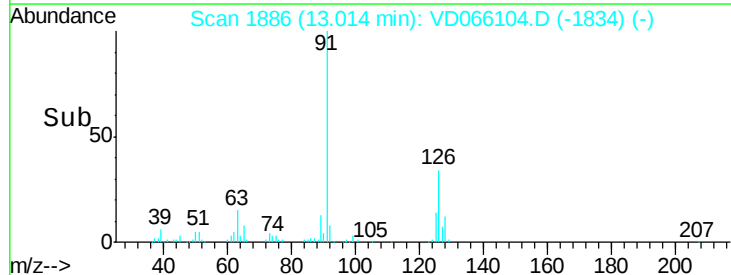
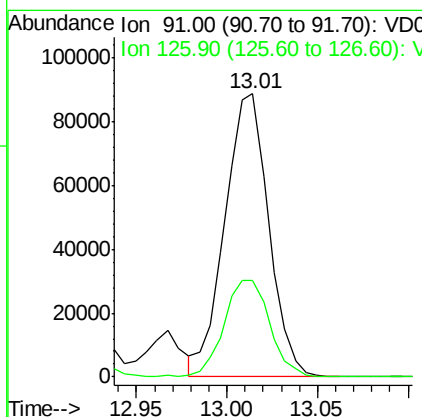
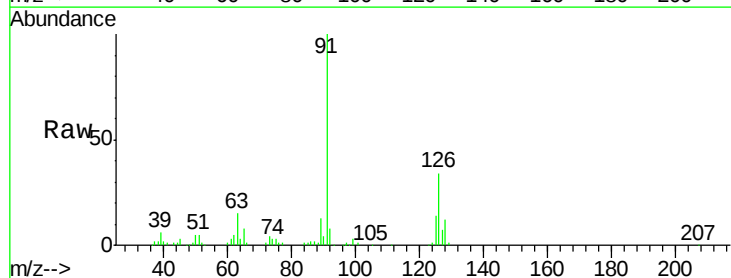
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBSD01

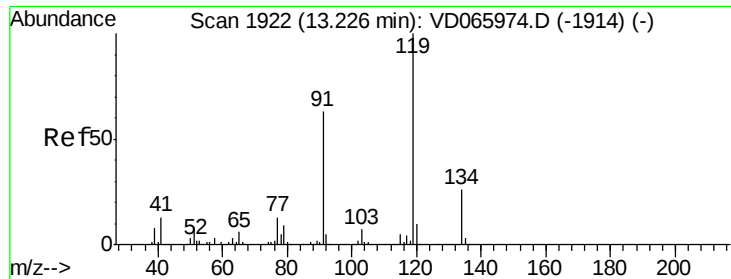
Tot Ion: 75 Resp: 11093
Ion Ratio Lower Upper
75 100
53 96.3 76.8 115.2
89 46.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.755 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD066104.D
Acq: 30 Jul 2020 11:45

Tgt Ion: 91 Resp: 149201
Ion Ratio Lower Upper
91 100
126 35.9 17.8 53.5

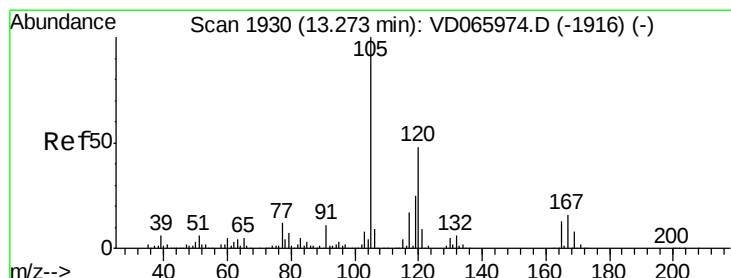
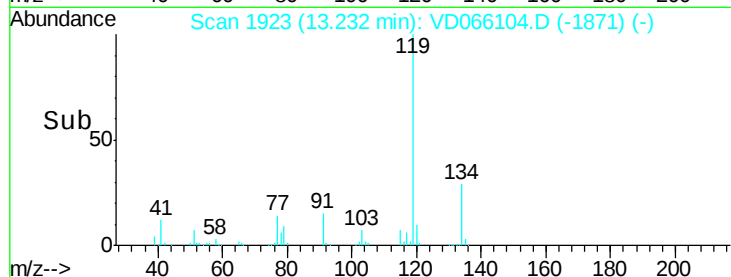
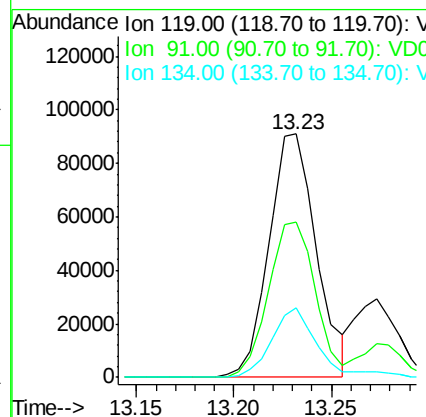
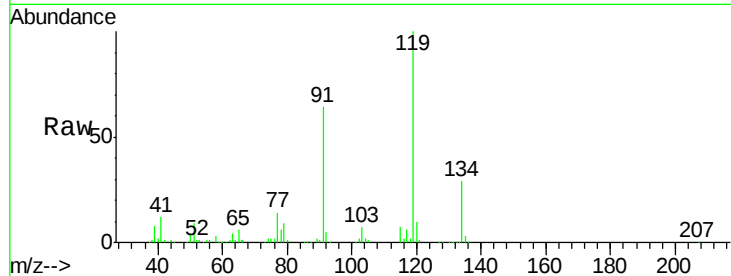




#83
 tert-Butylbenzene
 Concen: 21.774 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

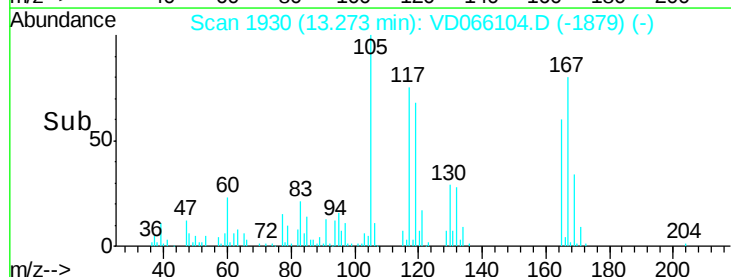
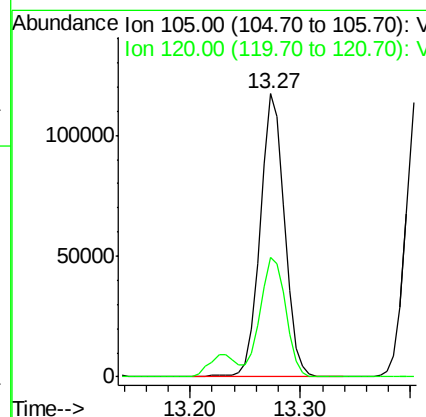
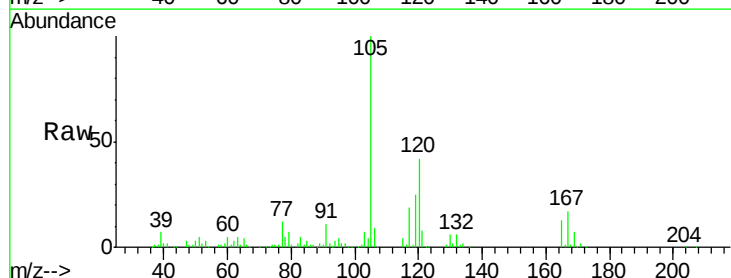
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBSD01

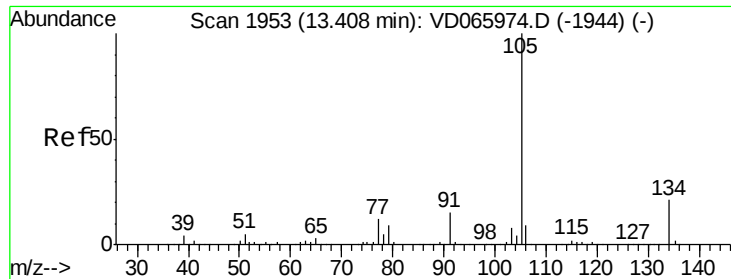
Tot Ion:119 Resp: 153421
 Ion Ratio Lower Upper
 119 100
 91 62.9 30.6 91.6
 134 26.3 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 22.889 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

Tgt Ion:105 Resp: 181837
 Ion Ratio Lower Upper
 105 100
 120 43.8 23.9 71.8

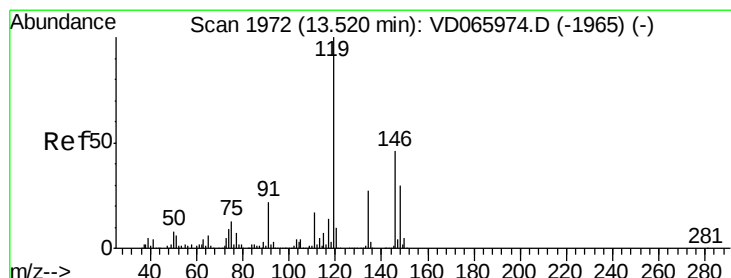
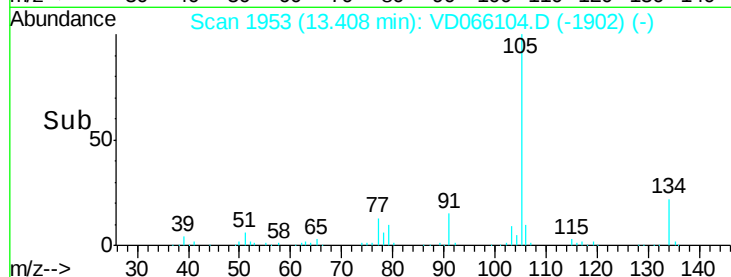
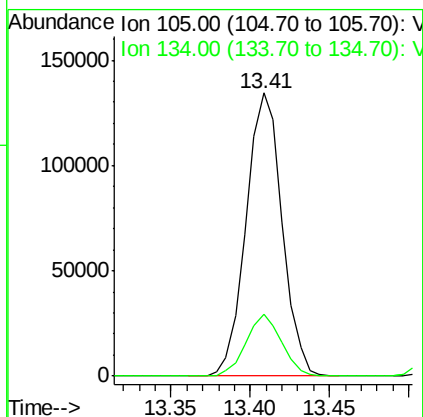
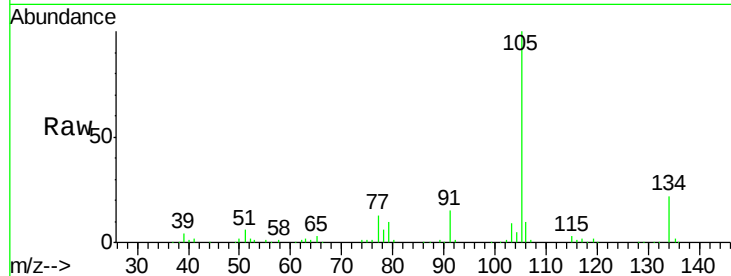




#85
 sec-Butylbenzene
 Concen: 21.864 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

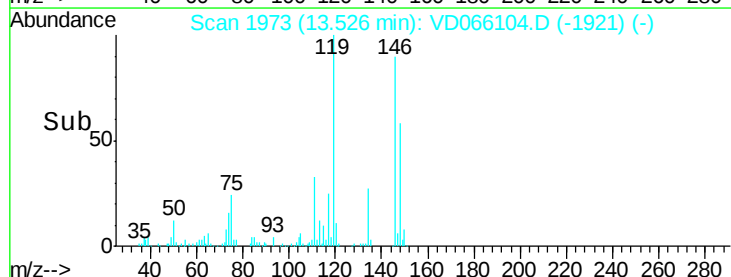
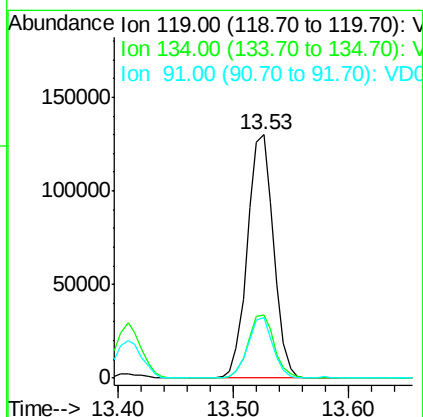
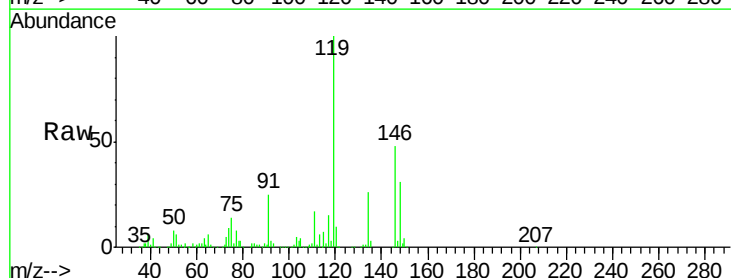
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBS01

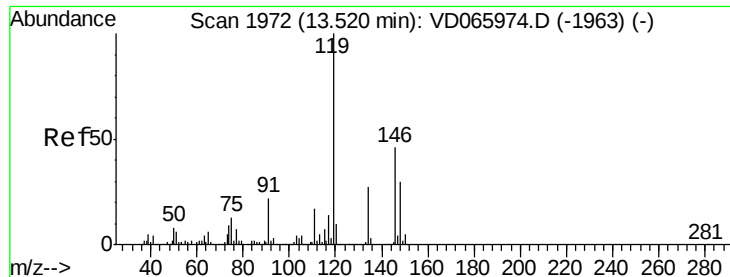
Tot Ion:105 Resp: 212196
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 23.251 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

Tgt Ion:119 Resp: 205012
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.2
 91 23.7 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 22.610 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBS01

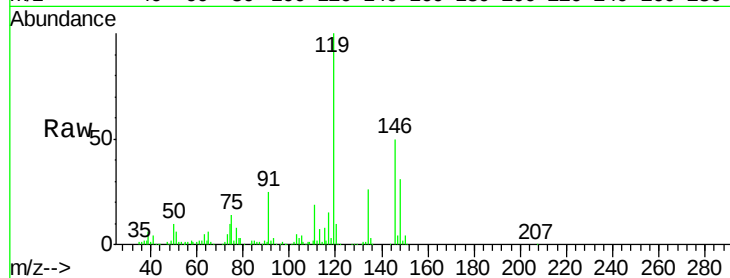
Tot Ion:146 Resp: 105147

Ion Ratio Lower Upper

146 100

111 37.8 18.6 55.6

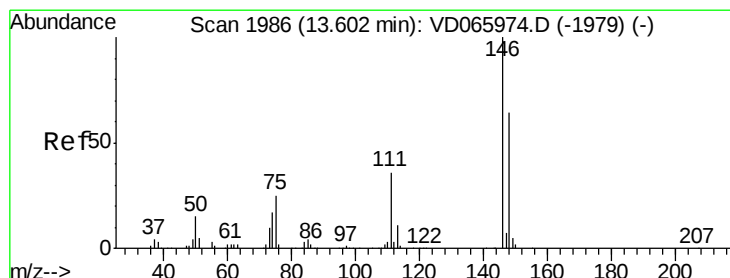
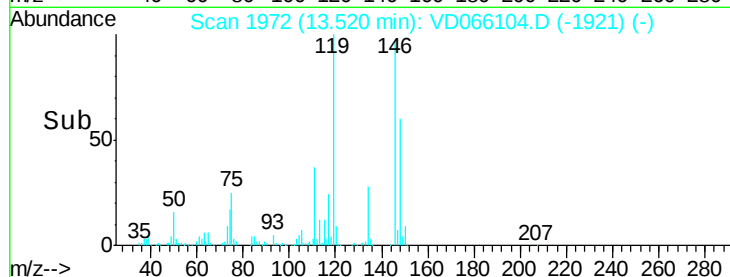
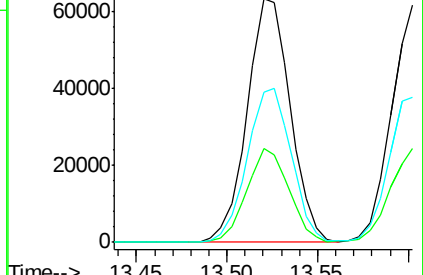
148 64.7 32.4 97.0



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



#88

1,4-Dichlorobenzene

Concen: 21.981 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

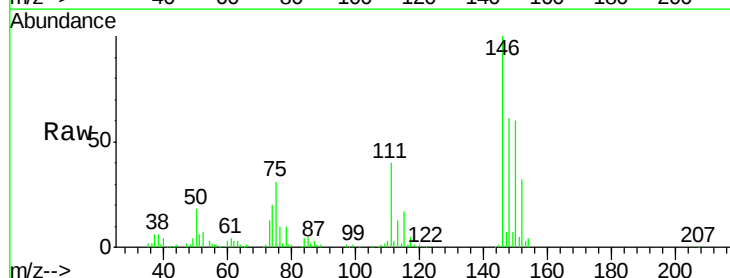
Tgt Ion:146 Resp: 103335

Ion Ratio Lower Upper

146 100

111 38.2 18.8 56.4

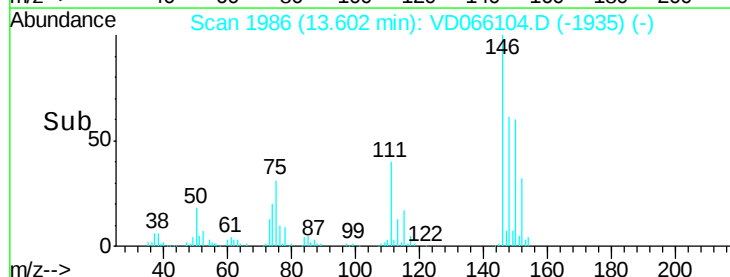
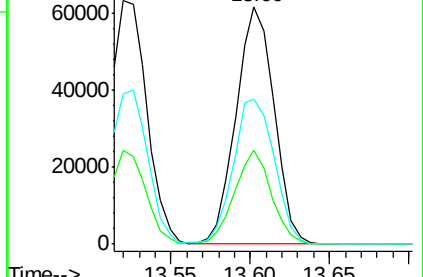
148 65.8 32.2 96.6

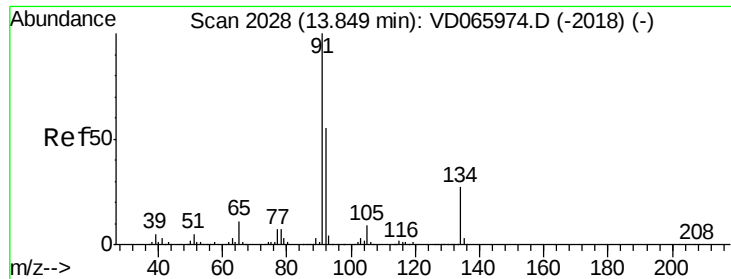


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.803 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBS01

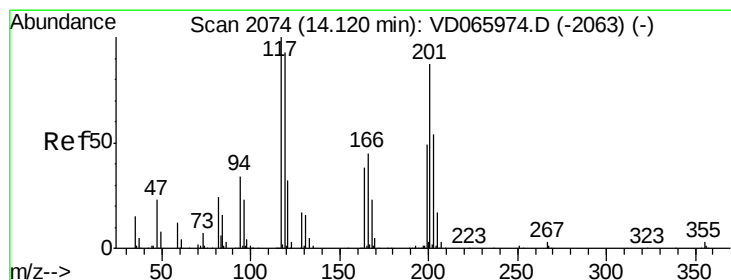
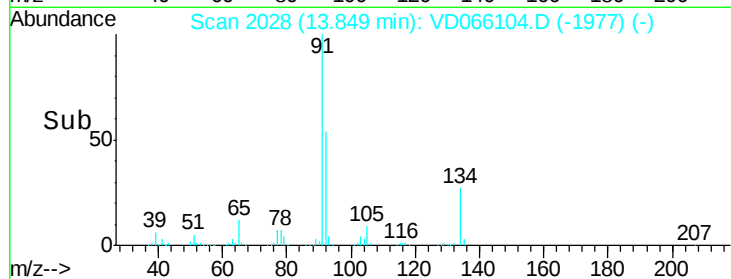
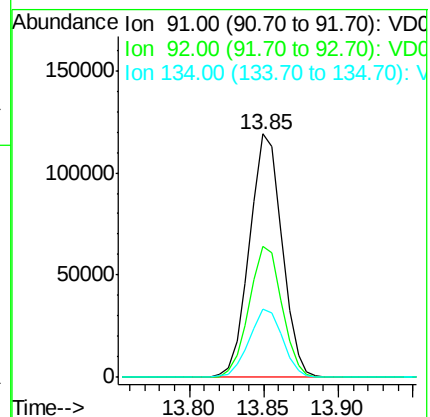
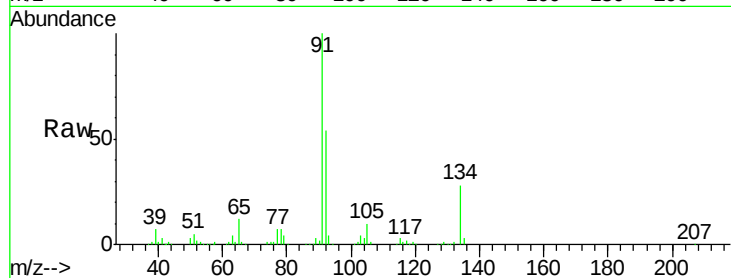
Tot Ion: 91 Resp: 178752

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

134 28.9 13.8 41.4



#90

Hexachloroethane

Concen: 21.682 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VD066104.D

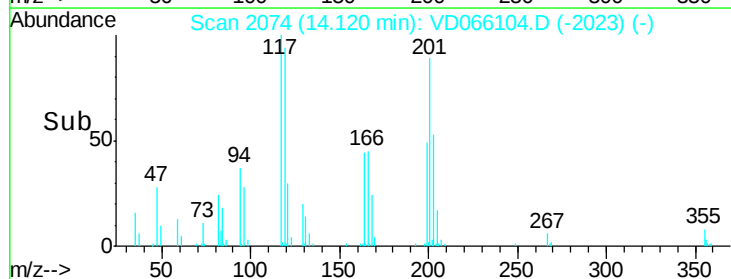
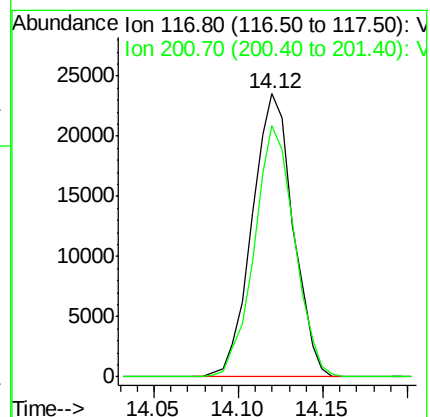
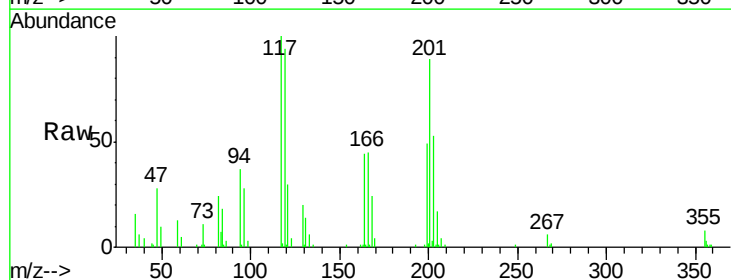
Acq: 30 Jul 2020 11:45

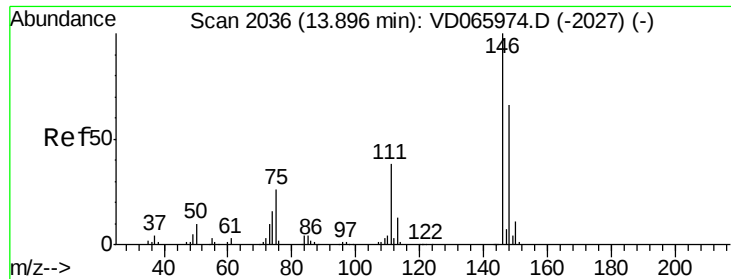
Tgt Ion: 117 Resp: 39577

Ion Ratio Lower Upper

117 100

201 87.1 42.0 126.1





#91

1,2-Dichlorobenzene

Concen: 22.545 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBS01

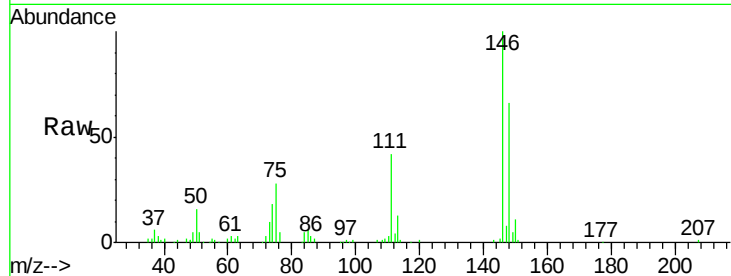
Tot Ion:146 Resp: 90852

Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.9

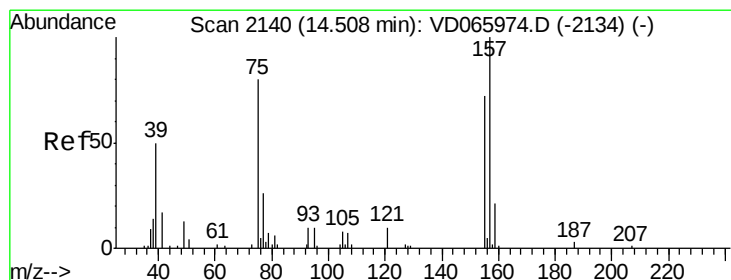
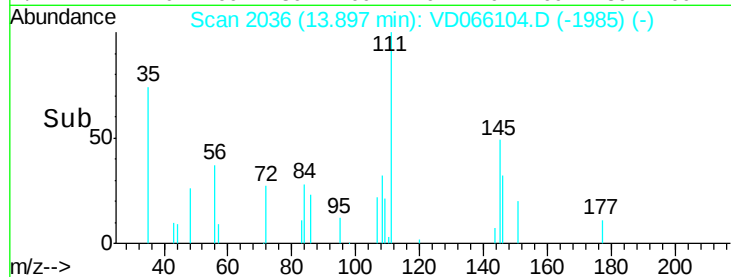
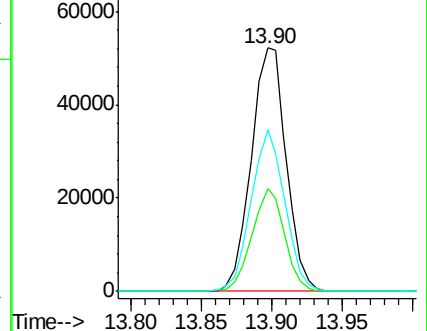
148 63.7 32.7 98.1



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: 20.060 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

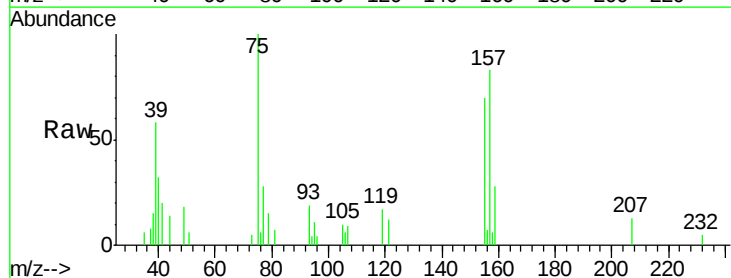
Tgt Ion: 75 Resp: 5325

Ion Ratio Lower Upper

75 100

155 95.6 48.5 145.5

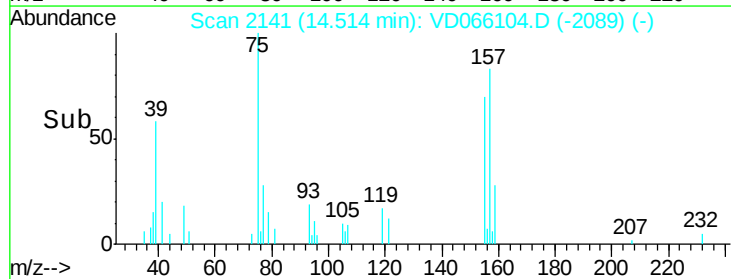
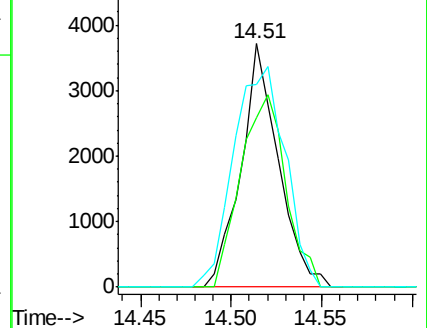
157 124.6 64.7 194.1

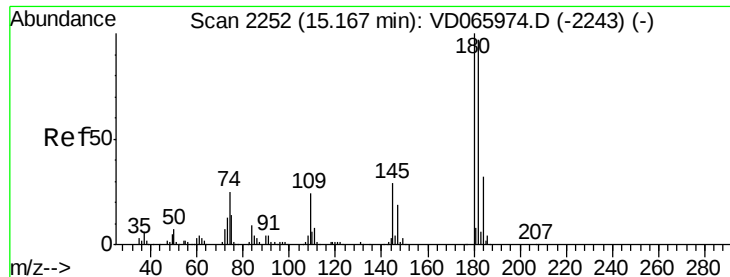


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

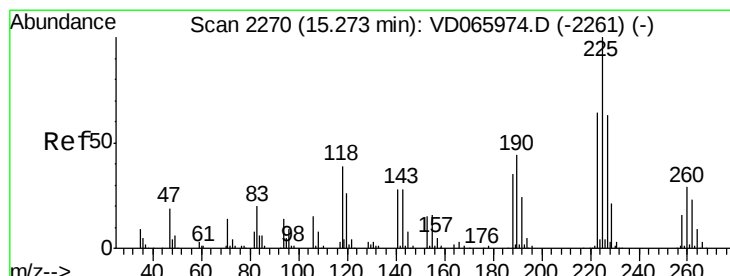
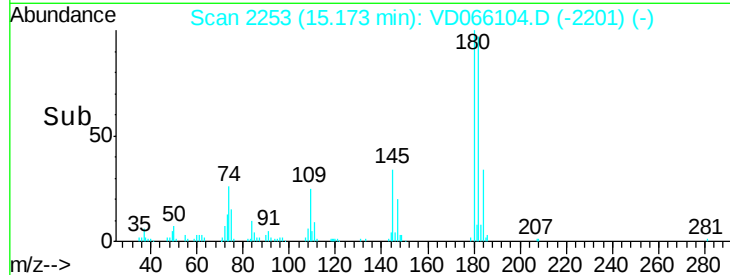
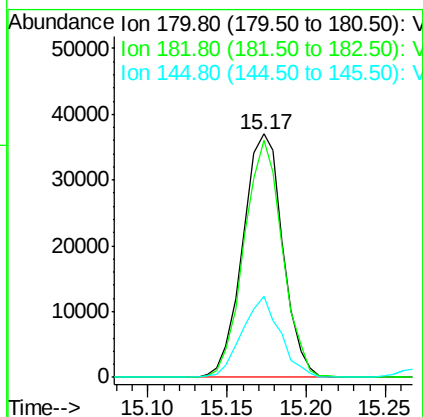
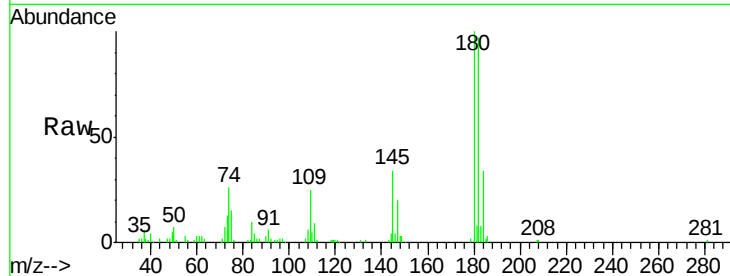




#93
 1,2,4-Trichlorobenzene
 Concen: 22.419 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

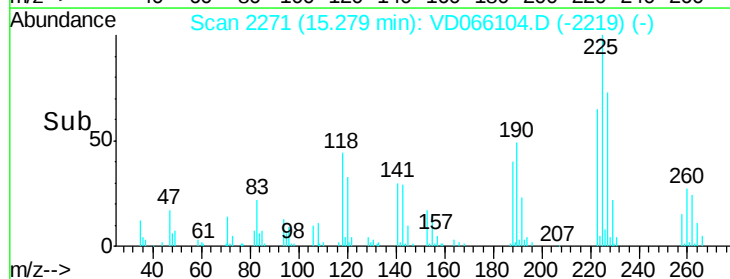
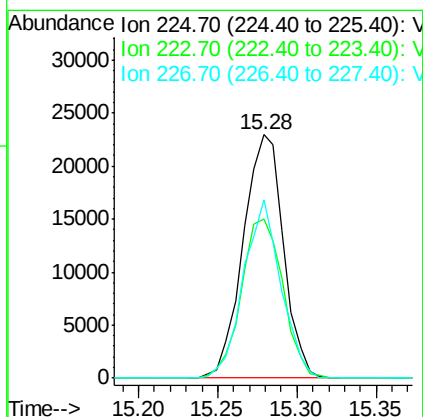
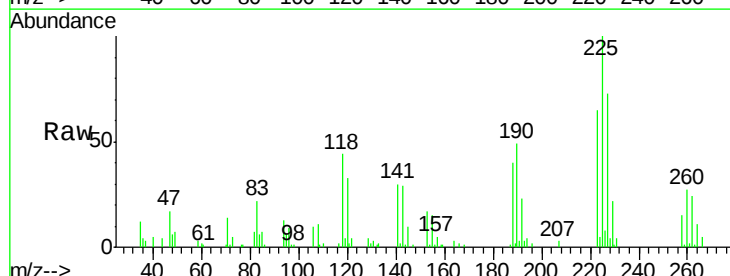
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBSD01

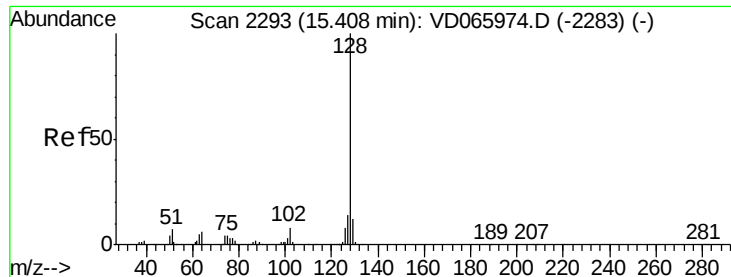
Tot Ion:180 Resp: 64847
 Ion Ratio Lower Upper
 180 100
 182 93.5 48.1 144.3
 145 31.7 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 22.662 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066104.D
 Acq: 30 Jul 2020 11:45

Tgt Ion:225 Resp: 40526
 Ion Ratio Lower Upper
 225 100
 223 67.6 31.2 93.6
 227 67.9 31.6 94.8





#95

Naphthalene

Concen: 21.397 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBSD01

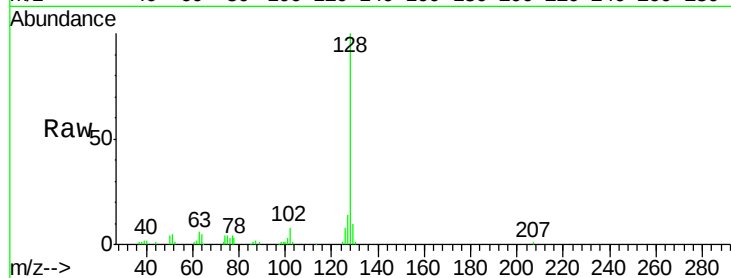
Tot Ion:128 Resp: 98827

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

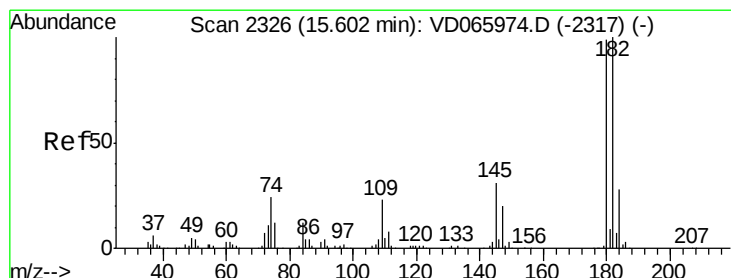
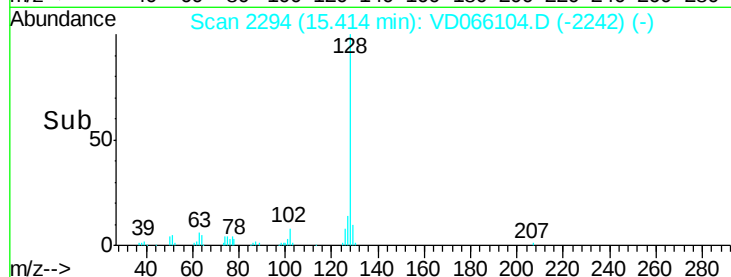
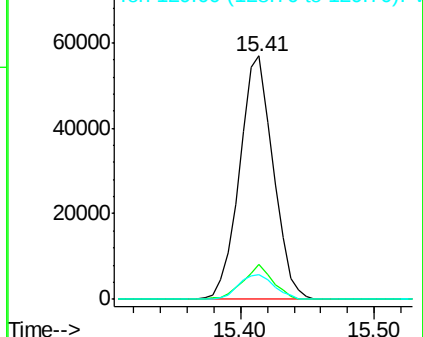
129 10.9 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 22.577 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066104.D

Acq: 30 Jul 2020 11:45

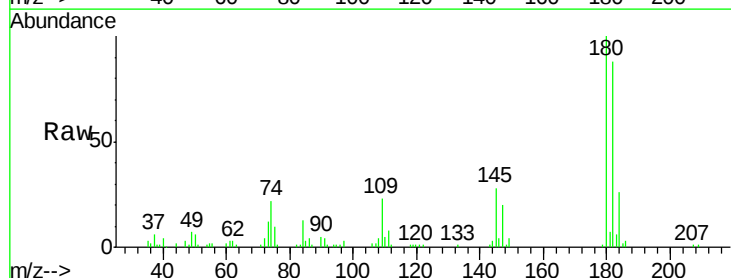
Tgt Ion:180 Resp: 56773

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.6

145 30.9 15.4 46.2



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

