

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066040.D
 Acq On : 24 Jul 2020 12:00
 Operator : VA/SY
 Sample : VD0724SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0724SBS01

Quant Time: Jul 24 23:51:37 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	298325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	429886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	405889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	216727	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	126219	52.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.00%	
35) Dibromofluoromethane	7.91	113	129724	49.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.50%	
50) Toluene-d8	10.34	98	508042	52.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.64	95	178640	53.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	55618	24.566	ug/l	94
3) Chloromethane	2.21	50	42131	22.803	ug/l	99
4) Vinyl Chloride	2.35	62	41218	23.427	ug/l	98
5) Bromomethane	2.76	94	27999	19.575	ug/l	89
6) Chloroethane	2.92	64	24291	23.128	ug/l	97
7) Trichlorofluoromethane	3.27	101	102698	23.997	ug/l	95
8) Diethyl Ether	3.70	74	25637	21.673	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	59040	22.848	ug/l	98
10) Methyl Iodide	4.30	142	58723	27.344	ug/l	98
11) Tert butyl alcohol	5.20	59	22589	135.487	ug/l	99
12) 1,1-Dichloroethene	4.06	96	52948	21.466	ug/l	88
13) Acrolein	3.91	56	15955	78.013	ug/l	95
14) Allyl chloride	4.71	41	82702	21.449	ug/l	95
15) Acrylonitrile	5.42	53	53605	106.072	ug/l	99
16) Acetone	4.16	43	50464	102.705	ug/l	# 87
17) Carbon Disulfide	4.41	76	170915	21.362	ug/l	99
18) Methyl Acetate	4.71	43	23819	20.839	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	117002	23.087	ug/l	98
20) Methylene Chloride	4.96	84	74775	26.106	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	61025	21.891	ug/l	95
22) Diisopropyl ether	6.36	45	167970	22.931	ug/l	96
23) Vinyl Acetate	6.30	43	463228	112.130	ug/l	99
24) 1,1-Dichloroethane	6.26	63	100650	22.677	ug/l	98
25) 2-Butanone	7.21	43	67442	103.442	ug/l	96
26) 2,2-Dichloropropane	7.21	77	95404	23.903	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	66263	22.450	ug/l	96
28) Bromochloromethane	7.54	49	39539	20.989	ug/l	96
29) Tetrahydrofuran	7.56	42	42344	105.262	ug/l	95
30) Chloroform	7.71	83	106970	23.040	ug/l	98
31) Cyclohexane	7.99	56	94951	21.745	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	102573	23.885	ug/l	98
36) 1,1-Dichloropropene	8.11	75	84825	23.120	ug/l	99
37) Ethyl Acetate	7.29	43	32274	23.034	ug/l	96
38) Carbon Tetrachloride	8.10	117	96537	24.250	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066040.D
 Acq On : 24 Jul 2020 12:00
 Operator : VA/SY
 Sample : VD0724SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0724SBS01

Quant Time: Jul 24 23:51:37 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)

39) Methylcyclohexane	9.36	83	102485	23.067	ug/l	91
40) Benzene	8.35	78	240292	23.411	ug/l	100
41) Methacrylonitrile	7.52	41	14076	17.537	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	65620	23.330	ug/l	100
43) Isopropyl Acetate	8.45	43	61004	22.292	ug/l	100
44) Trichloroethene	9.11	130	71252	22.939	ug/l	87
45) 1,2-Dichloropropane	9.39	63	59126	23.784	ug/l	99
46) Dibromomethane	9.48	93	31517	23.551	ug/l	95
47) Bromodichloromethane	9.67	83	83327	23.549	ug/l	99
48) Methyl methacrylate	9.46	41	28971	20.987	ug/l	90
49) 1,4-Dioxane	9.46	88	7200	464.387	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	156119	113.223	ug/l	99
52) Toluene	10.41	92	162090	24.215	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	78590	23.840	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	93949	23.510	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	45309	23.872	ug/l	91
56) Ethyl methacrylate	10.66	69	51742	23.448	ug/l	98
57) 1,3-Dichloropropane	10.95	76	74268	23.637	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	123670	117.318	ug/l	99
59) 2-Hexanone	10.99	43	106099	111.036	ug/l	97
60) Dibromochloromethane	11.14	129	63142	24.674	ug/l	100
61) 1,2-Dibromoethane	11.25	107	44670	24.410	ug/l	99
64) Tetrachloroethene	10.88	164	64822	23.530	ug/l	94
65) Chlorobenzene	11.67	112	173868	23.396	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	65688	23.938	ug/l	99
67) Ethyl Benzene	11.75	91	303309	23.716	ug/l	99
68) m/p-Xylenes	11.86	106	241851	49.200	ug/l	98
69) o-Xylene	12.18	106	108220	24.205	ug/l	100
70) Styrene	12.20	104	189412	24.657	ug/l	99
71) Bromoform	12.37	173	38512	23.960	ug/l #	98
73) Isopropylbenzene	12.48	105	301204	22.968	ug/l	100
74) N-amyl acetate	12.30	43	56944	20.942	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	47815	22.062	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	62164	38.094	ug/l #	100
77) Bromobenzene	12.77	156	77662	23.172	ug/l	96
78) n-propylbenzene	12.83	91	346132	22.745	ug/l	98
79) 2-Chlorotoluene	12.91	91	200797	23.096	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	253419	23.521	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	16083	22.615	ug/l	98
82) 4-Chlorotoluene	13.01	91	211955	23.097	ug/l	96
83) tert-Butylbenzene	13.23	119	222993	23.652	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	253946	23.890	ug/l	98
85) sec-Butylbenzene	13.41	105	303688	23.385	ug/l	99
86) p-Isopropyltoluene	13.53	119	290403	24.615	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	151948	24.419	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	145224	23.086	ug/l	99
89) n-Butylbenzene	13.85	91	252442	23.012	ug/l	99
90) Hexachloroethane	14.12	117	56673	23.204	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	125190	23.218	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8108	22.827	ug/l	95

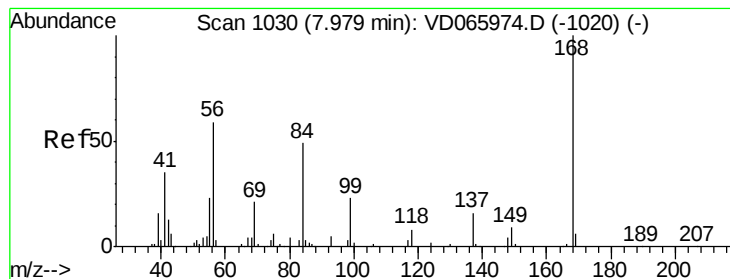
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072420\
Data File : VD066040.D
Acq On : 24 Jul 2020 12:00
Operator : VA/SY
Sample : VD0724SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
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Quant Time: Jul 24 23:51:37 2020
Quant Method : Z:\V0ASRV\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	94732	24.477	ug/l	98
94) Hexachlorobutadiene	15.27	225	54696	22.859	ug/l	96
95) Naphthalene	15.41	128	142281	22.753	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	80297	23.865	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

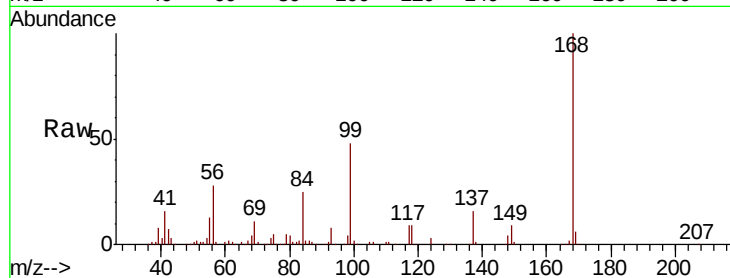
VD0724SBS01

Tot Ion:168 Resp: 298325

Ion Ratio Lower Upper

168 100

99 47.8 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

150000

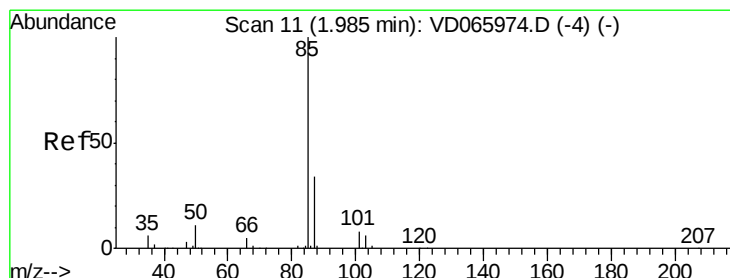
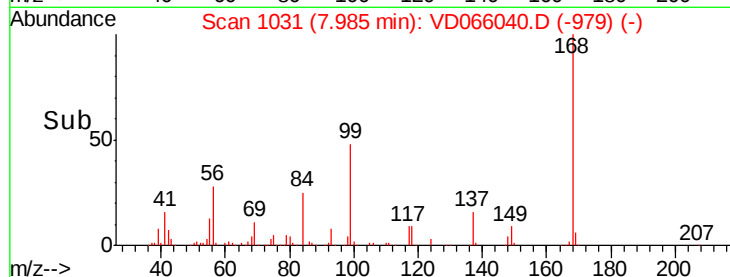
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 24.566 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066040.D

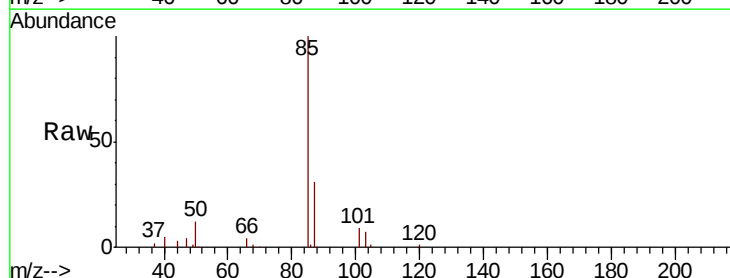
Acq: 24 Jul 2020 12:00

Tgt Ion: 85 Resp: 55618

Ion Ratio Lower Upper

85 100

87 31.1 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

40000

30000

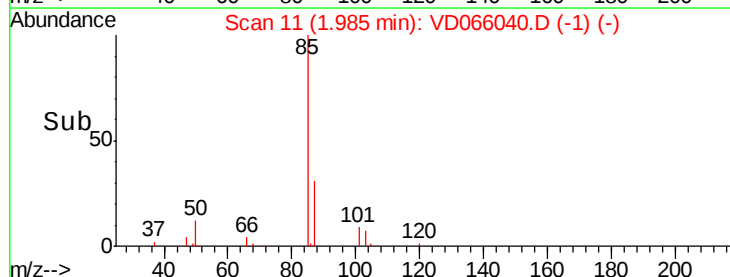
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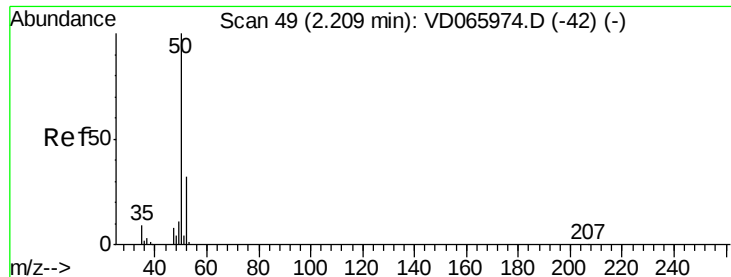
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.803 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

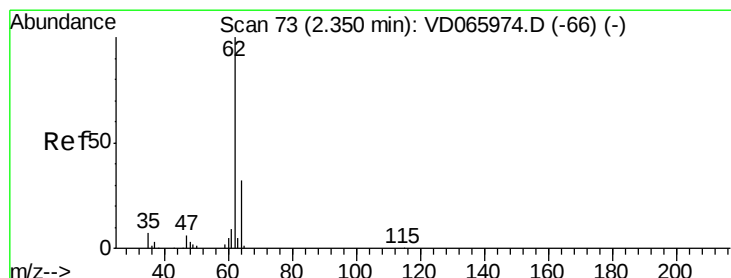
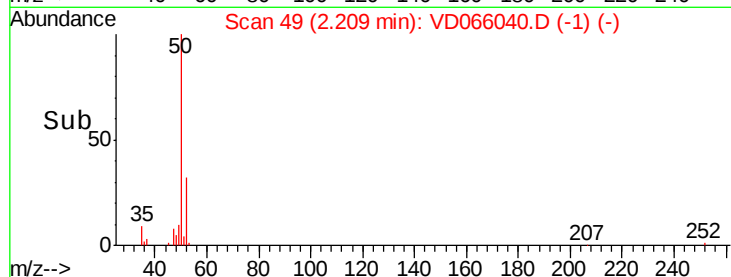
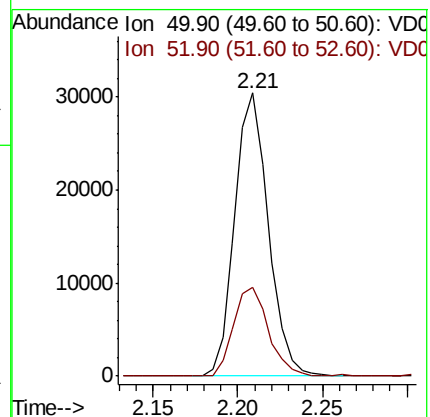
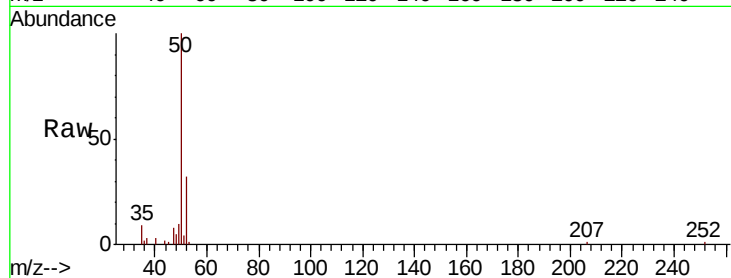
VD0724SBS01

Tot Ion: 50 Resp: 42131

Ion Ratio Lower Upper

50 100

52 31.5 25.8 38.8



#4

Vinyl Chloride

Concen: 23.427 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066040.D

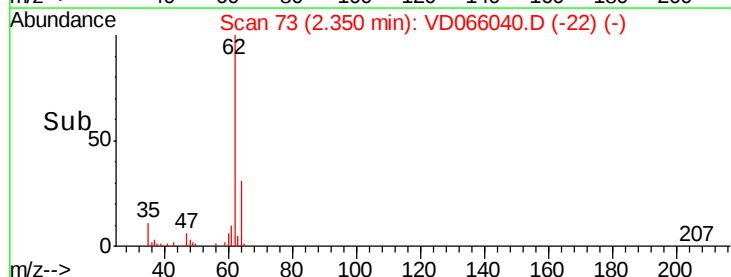
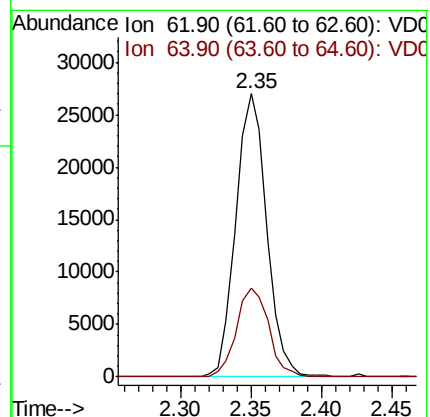
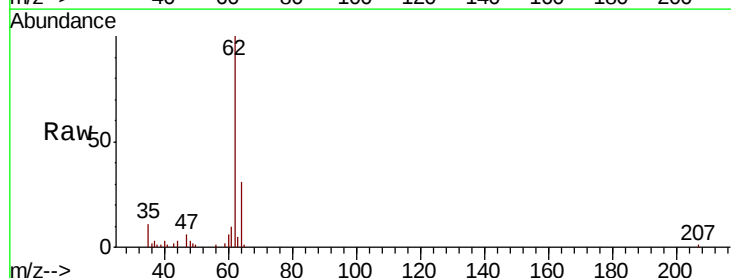
Acq: 24 Jul 2020 12:00

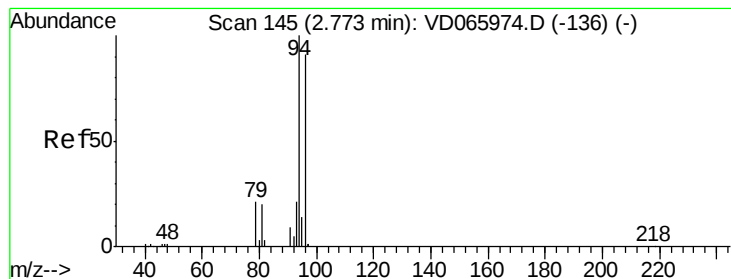
Tgt Ion: 62 Resp: 41218

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 19.575 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

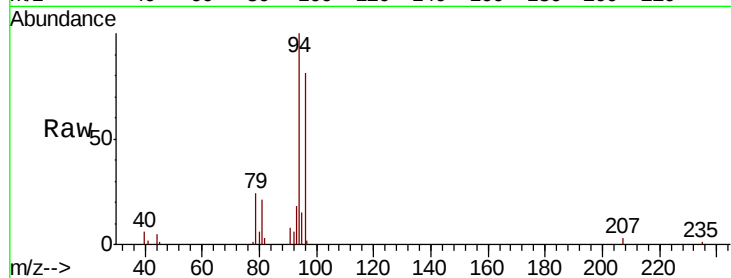
VD0724SBS01

Tot Ion: 94 Resp: 27999

Ion Ratio Lower Upper

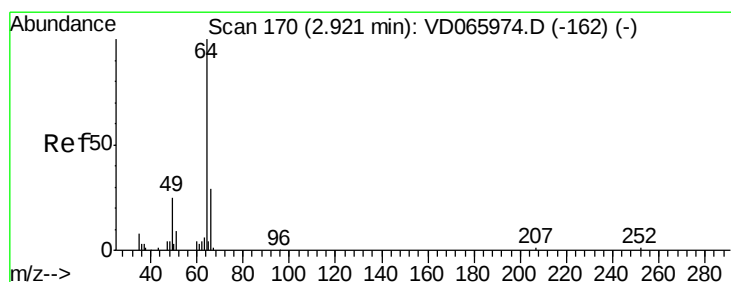
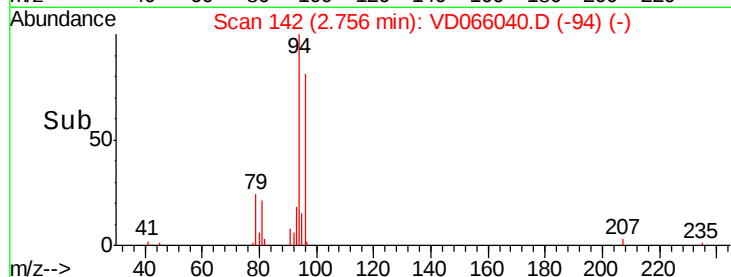
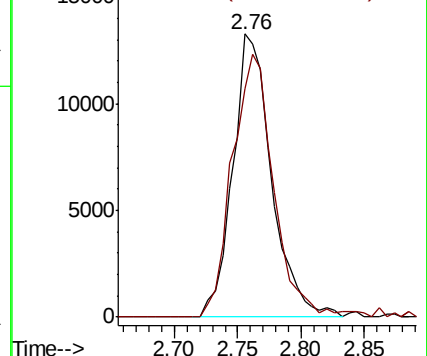
94 100

96 80.6 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 23.128 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066040.D

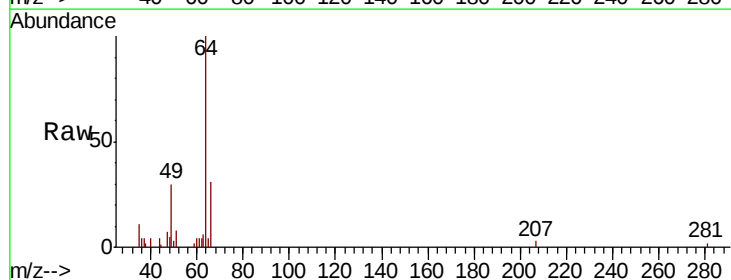
Acq: 24 Jul 2020 12:00

Tgt Ion: 64 Resp: 24291

Ion Ratio Lower Upper

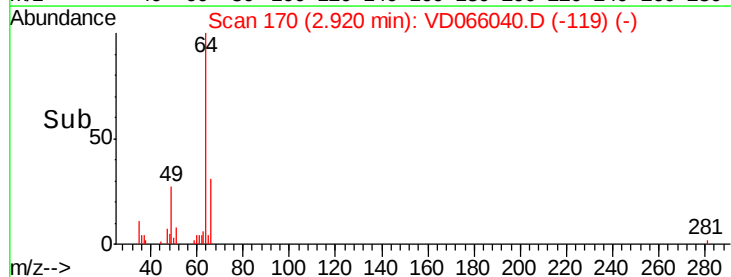
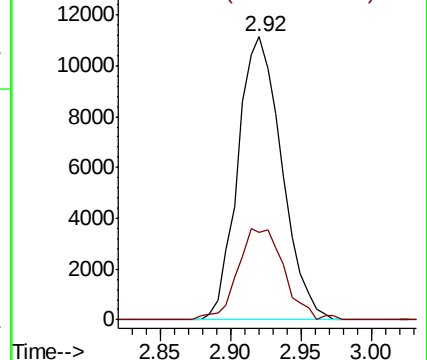
64 100

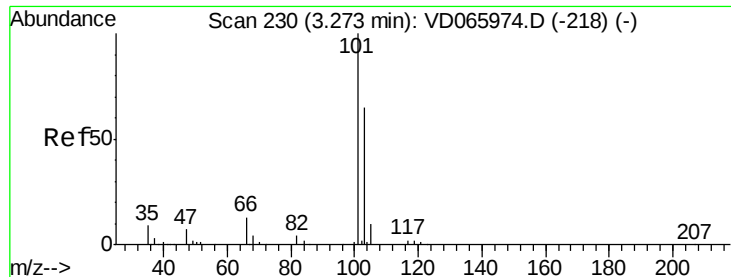
66 30.8 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



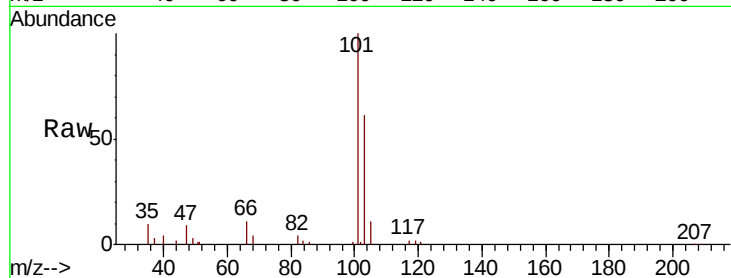


#7

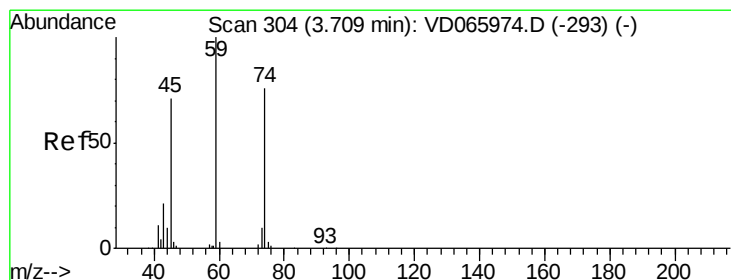
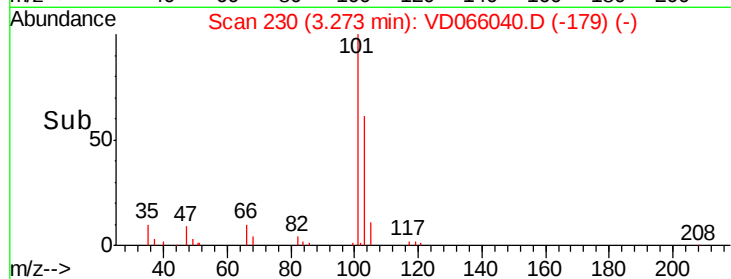
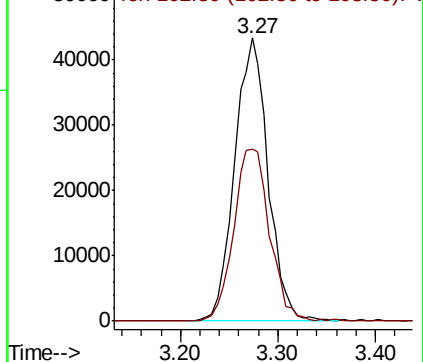
Trichlorofluoromethane
 Concen: 23.997 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0724SBS01

Tot Ion:101 Resp: 102698
 Ion Ratio Lower Upper
 101 100
 103 60.9 52.1 78.1



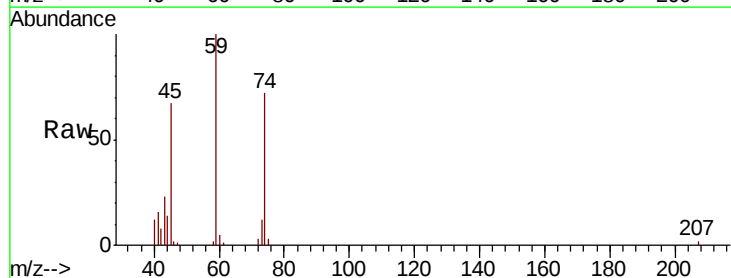
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



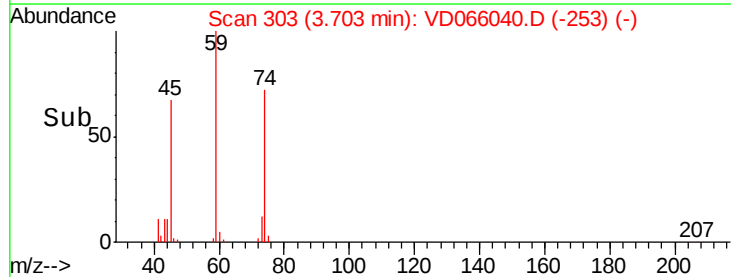
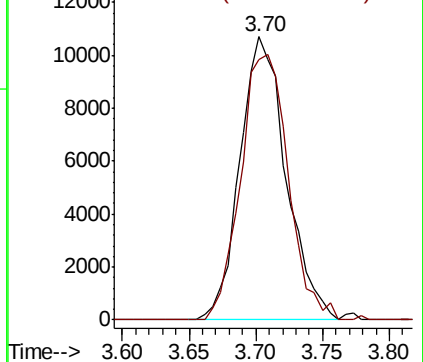
#8

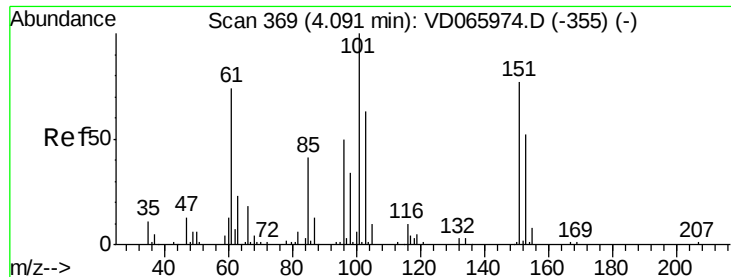
Diethyl Ether
 Concen: 21.673 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

Tgt Ion: 74 Resp: 25637
 Ion Ratio Lower Upper
 74 100
 45 96.8 49.9 149.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.848 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0724SBS01

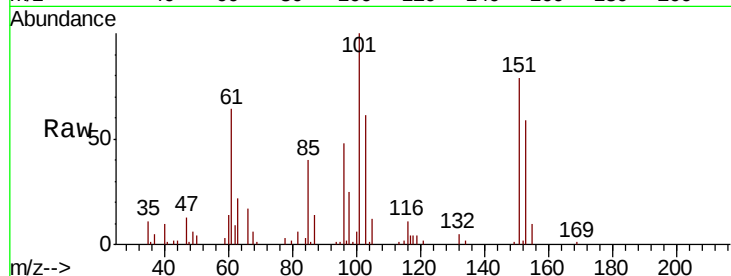
Tot Ion:101 Resp: 59040

Ion Ratio Lower Upper

101 100

85 41.7 33.6 50.4

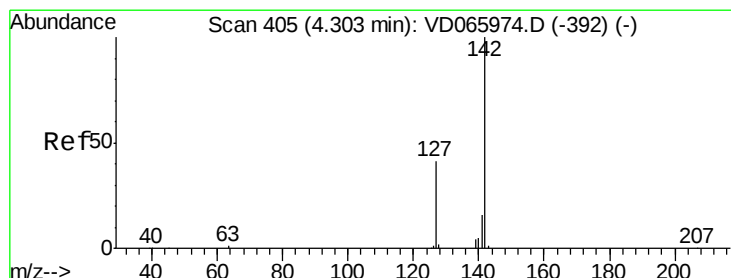
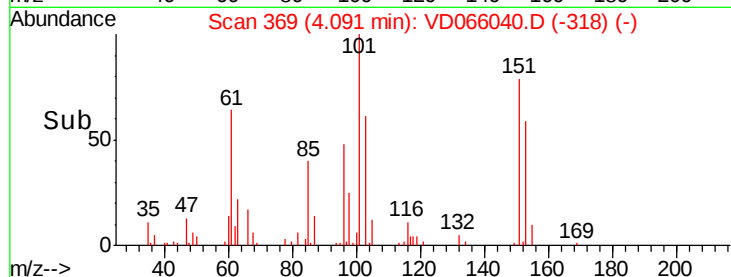
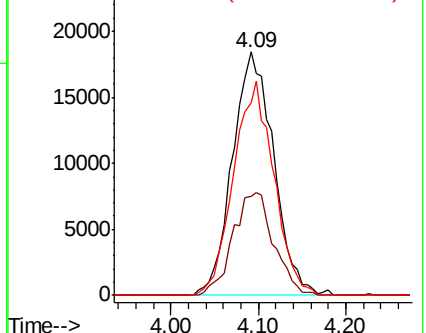
151 86.0 66.6 99.8



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: 27.344 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

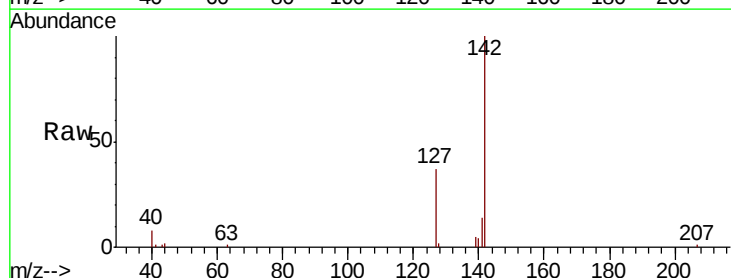
Tgt Ion:142 Resp: 58723

Ion Ratio Lower Upper

142 100

127 42.3 32.9 49.3

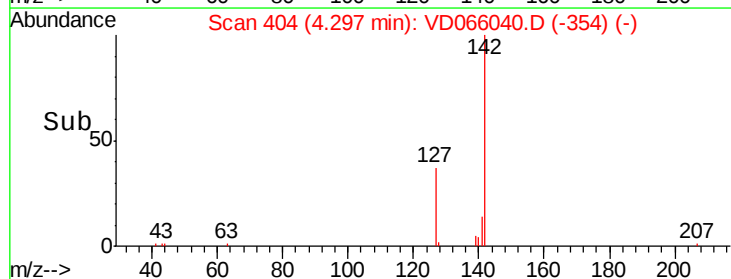
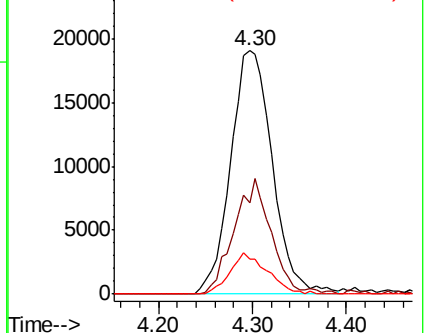
141 15.2 11.8 17.6

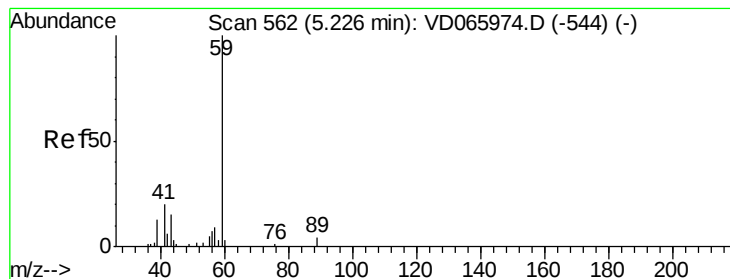


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



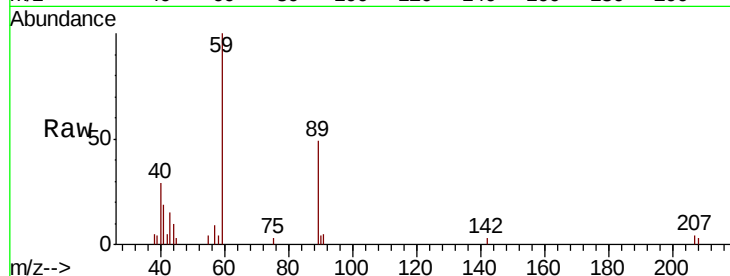


#11

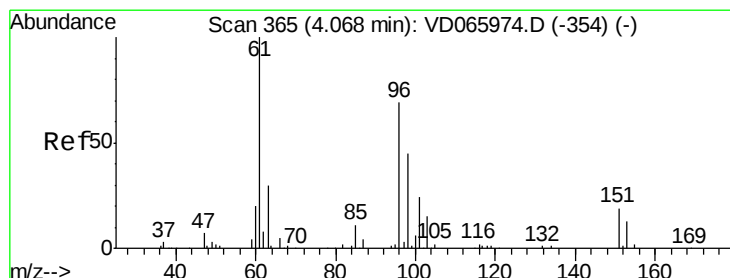
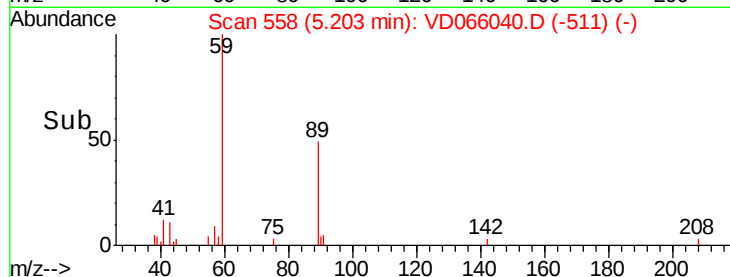
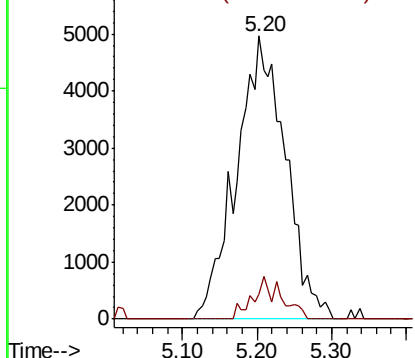
Tert butyl alcohol
 Concen: 135.487 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0724SBS01

Tot Ion: 59 Resp: 22589
 Ion Ratio Lower Upper
 59 100
 57 5.2 4.5 6.7



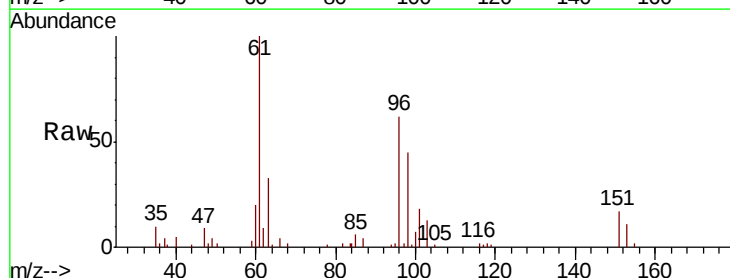
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



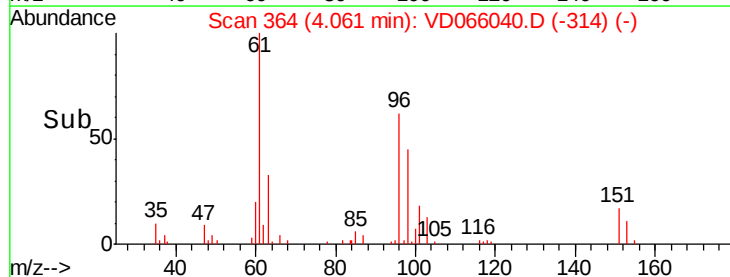
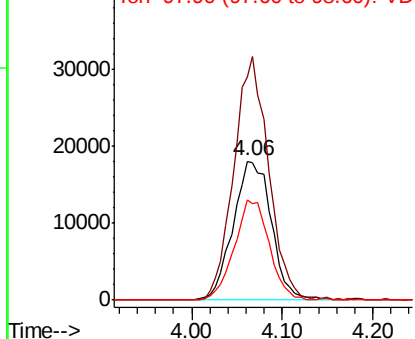
#12

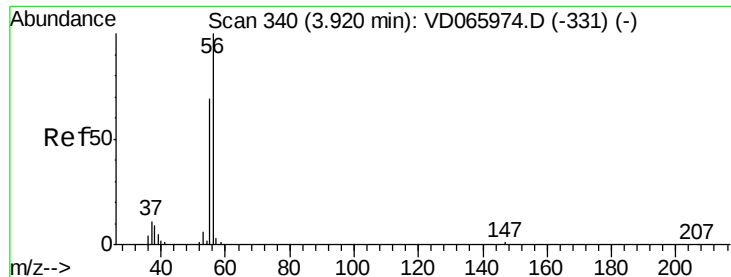
1,1-Dichloroethene
 Concen: 21.466 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

Tgt Ion: 96 Resp: 52948
 Ion Ratio Lower Upper
 96 100
 61 161.2 115.4 173.0
 98 71.9 51.5 77.3



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





#13

Acrolein

Concen: 78.013 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

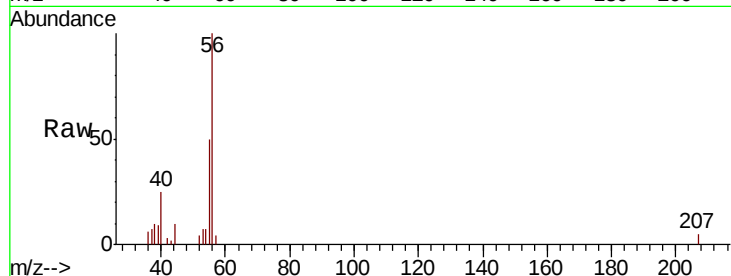
VD0724SBS01

Tot Ion: 56 Resp: 15955

Ion Ratio Lower Upper

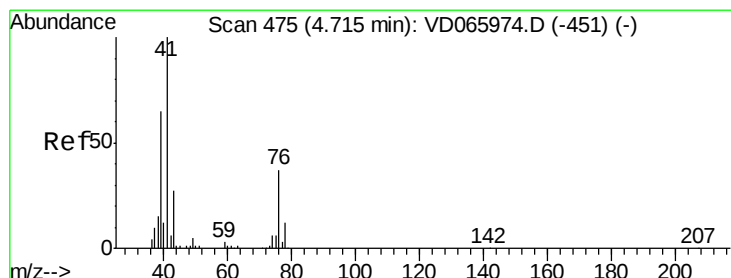
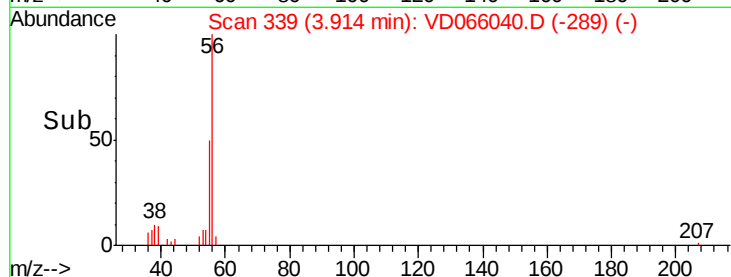
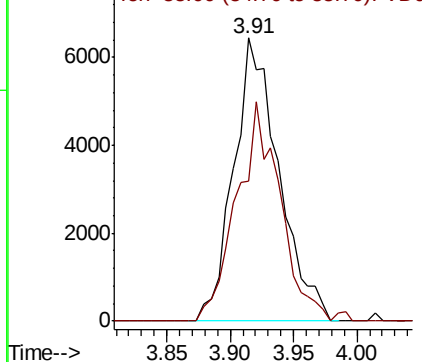
56 100

55 74.0 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.449 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

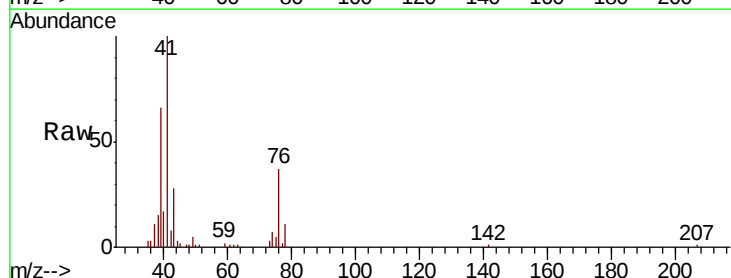
Tgt Ion: 41 Resp: 82702

Ion Ratio Lower Upper

41 100

39 70.6 53.4 80.2

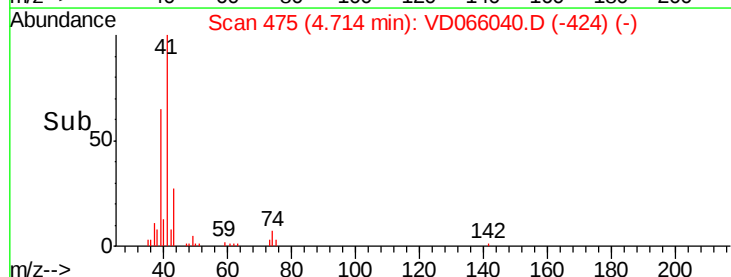
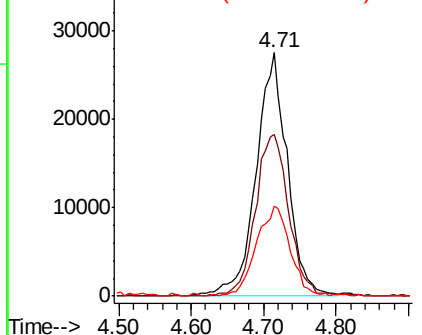
76 39.7 29.1 43.7

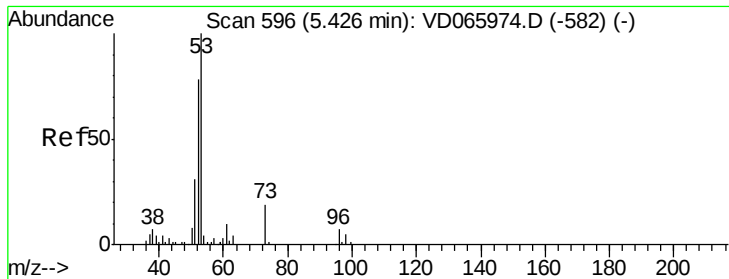


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 106.072 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0724SBS01

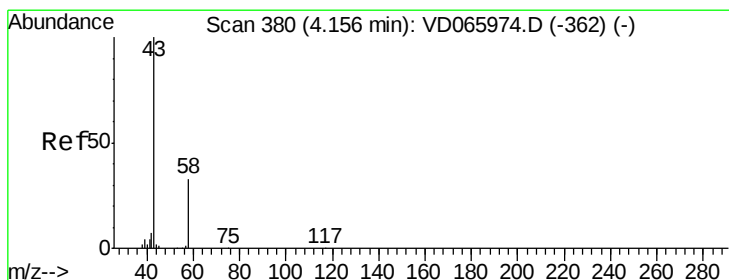
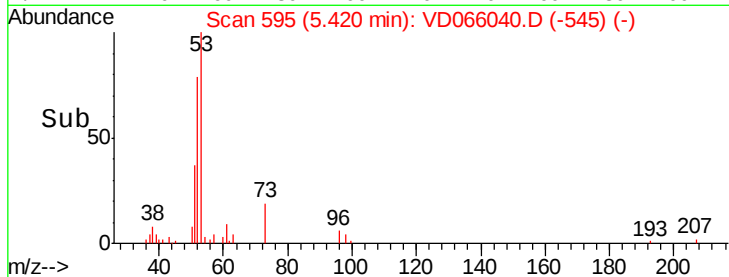
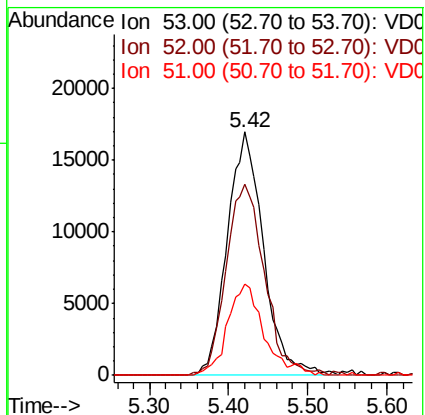
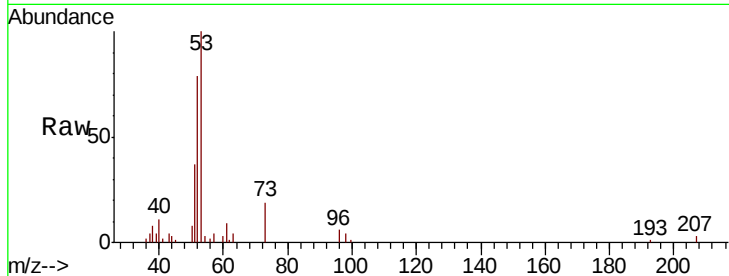
Tot Ion: 53 Resp: 53605

Ion Ratio Lower Upper

53 100

52 82.7 67.1 100.7

51 36.4 28.7 43.1



#16

Acetone

Concen: 102.705 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066040.D

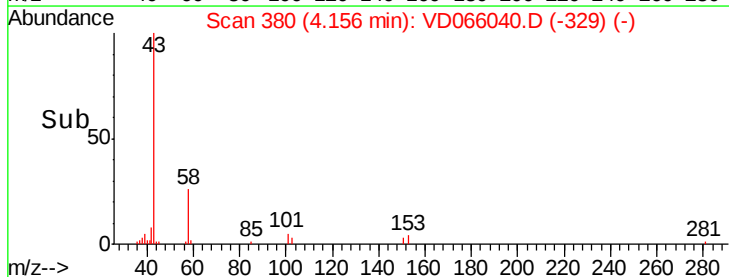
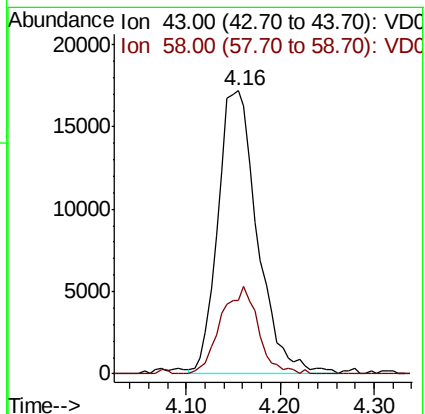
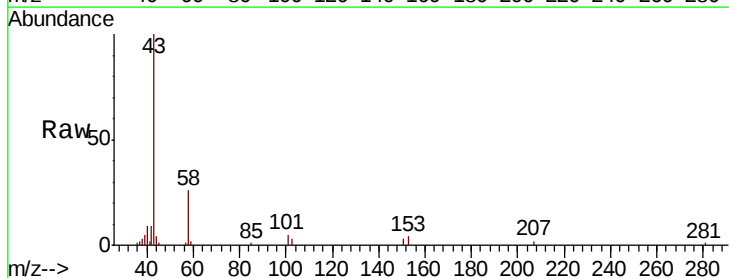
Acq: 24 Jul 2020 12:00

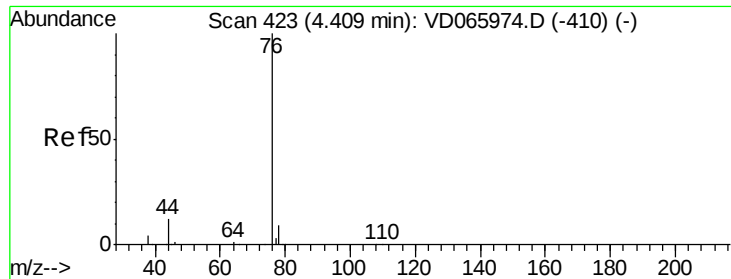
Tgt Ion: 43 Resp: 50464

Ion Ratio Lower Upper

43 100

58 25.7 26.3 39.5#

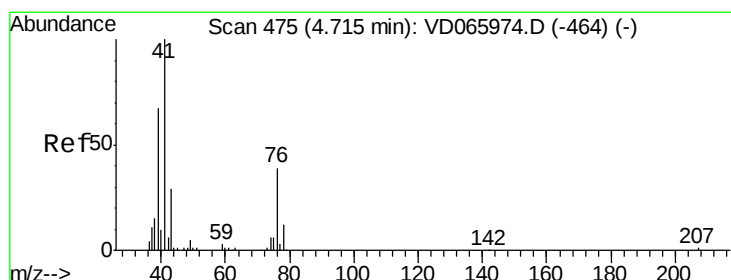
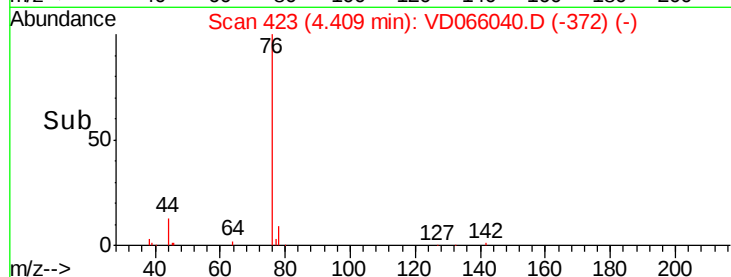
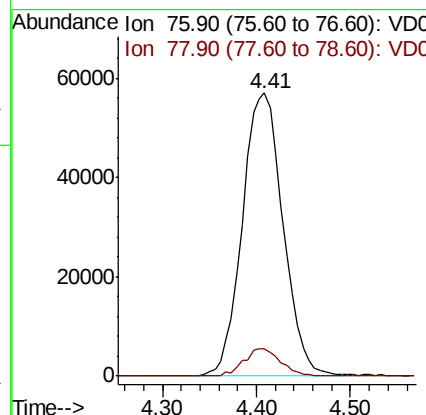
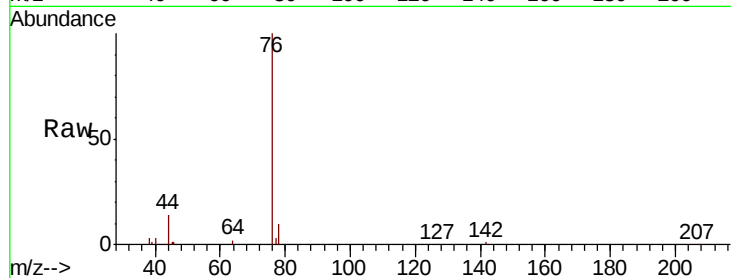




#17
Carbon Disulfide
Concen: 21.362 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

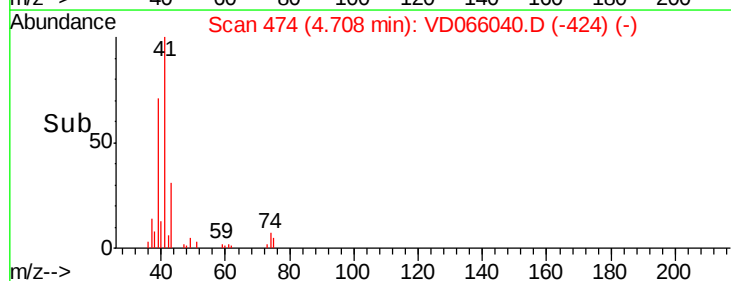
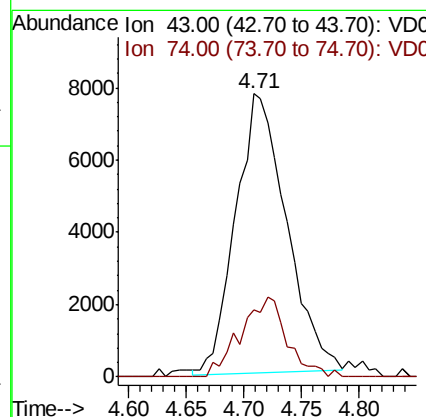
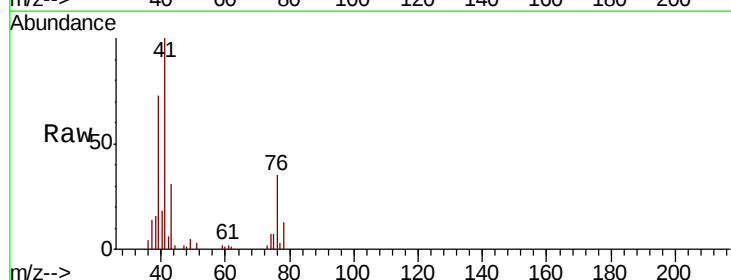
Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

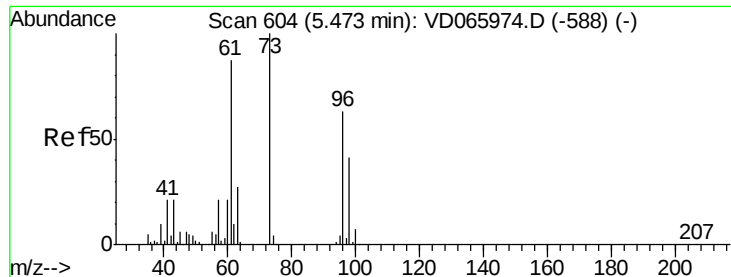
Tot Ion: 76 Resp: 170915
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 20.839 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion: 43 Resp: 23819
Ion Ratio Lower Upper
43 100
74 26.1 19.2 28.8

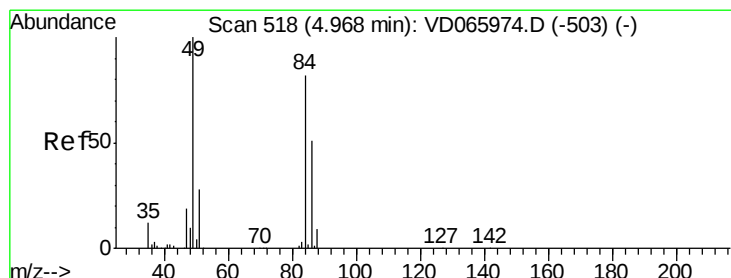
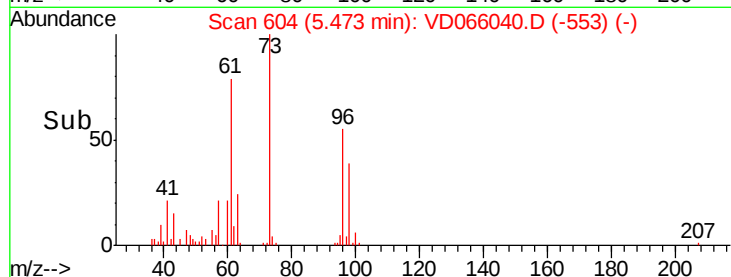
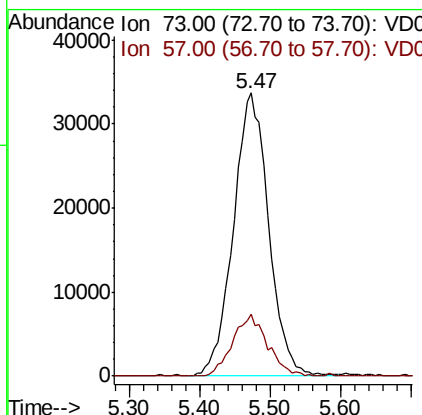
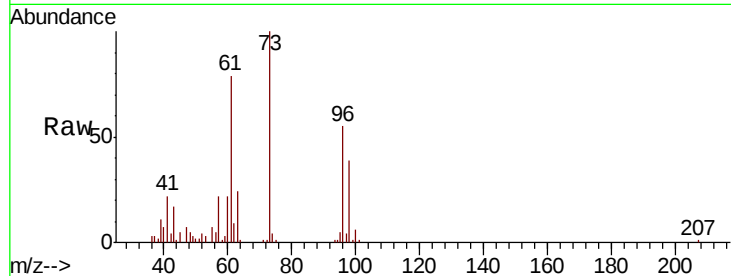




#19
Methyl tert-butyl Ether
Concen: 23.087 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

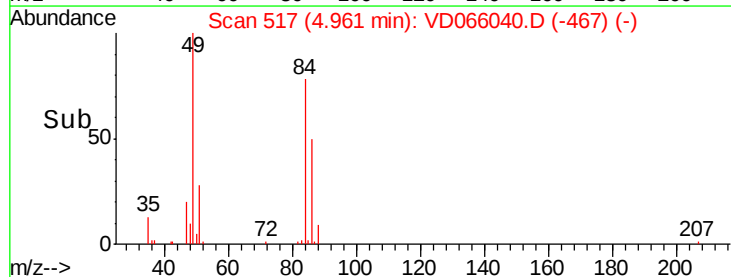
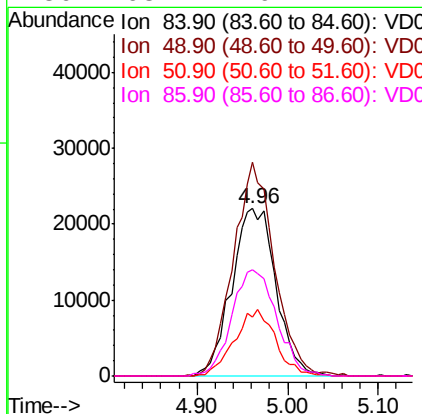
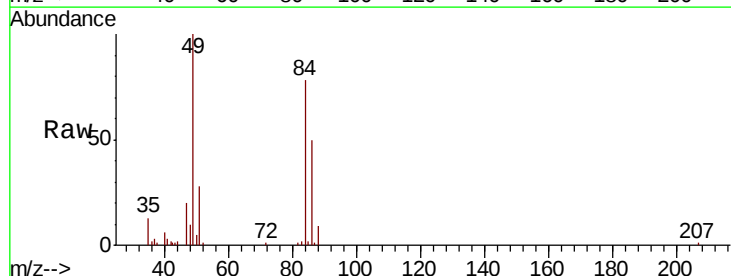
Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

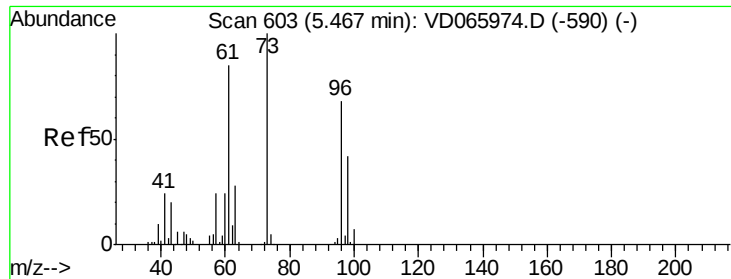
Tot Ion: 73 Resp: 117002
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.4



#20
Methylene Chloride
Concen: 26.106 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion: 84 Resp: 74775
Ion Ratio Lower Upper
84 100
49 126.9 97.7 146.5
51 35.3 27.4 41.2
86 63.7 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 21.891 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0724SBS01

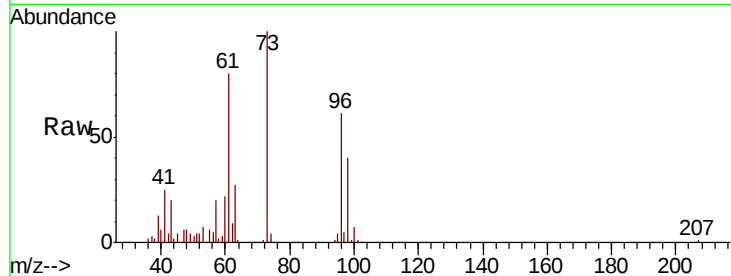
Tot Ion: 96 Resp: 61025

Ion Ratio Lower Upper

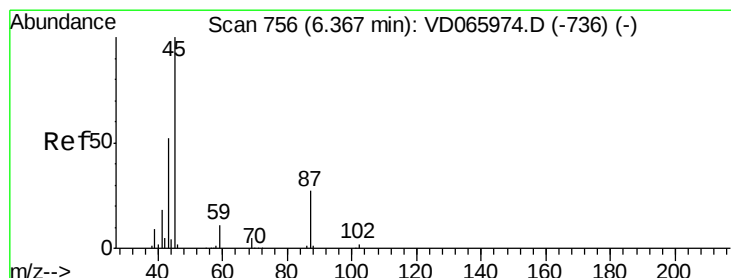
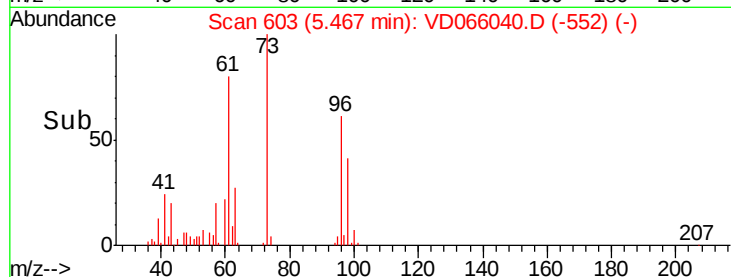
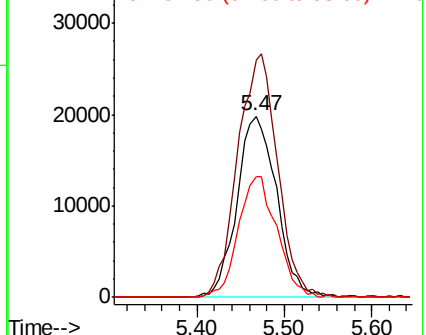
96 100

61 131.0 100.5 150.7

98 66.6 49.7 74.5



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



#22

Diisopropyl ether

Concen: 22.931 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Tgt Ion: 45 Resp: 167970

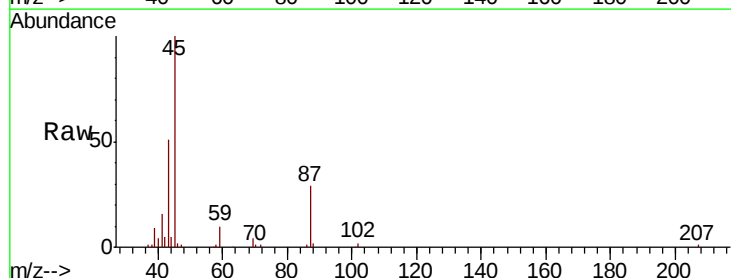
Ion Ratio Lower Upper

45 100

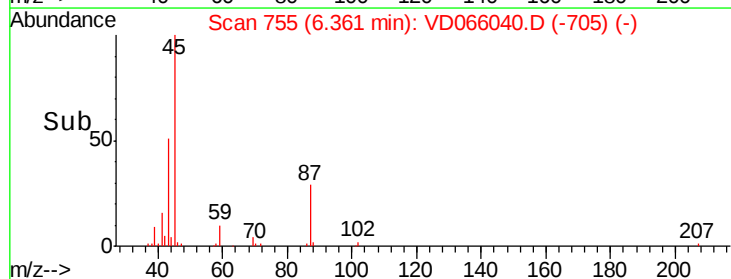
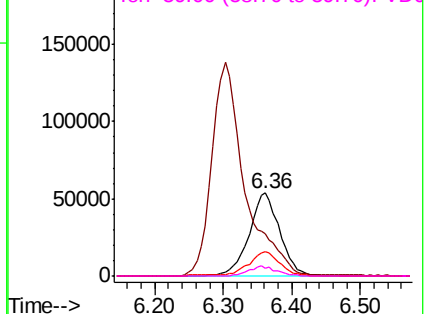
43 49.9 43.0 64.4

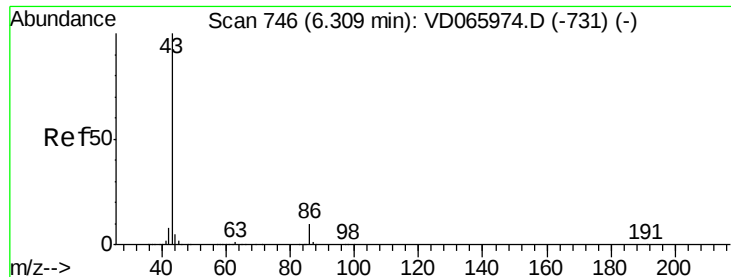
87 28.6 22.0 33.0

59 10.0 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 112.130 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

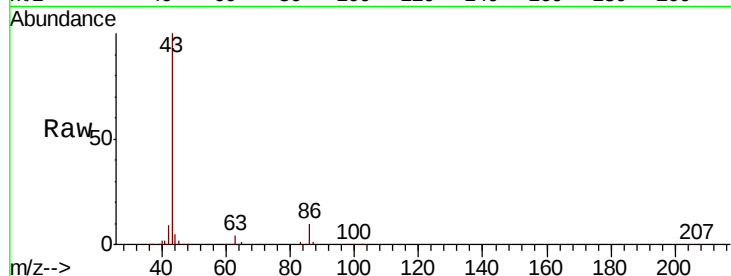
VD0724SBS01

Tot Ion: 43 Resp: 463228

Ion Ratio Lower Upper

43 100

86 10.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

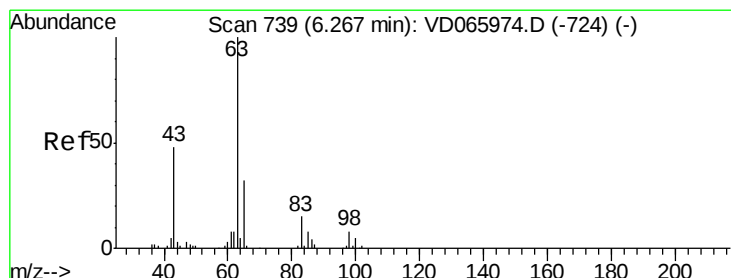
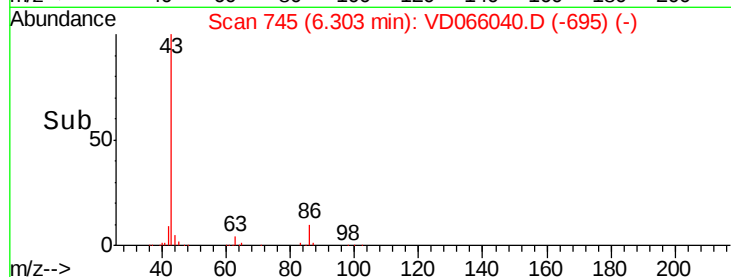
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 22.677 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

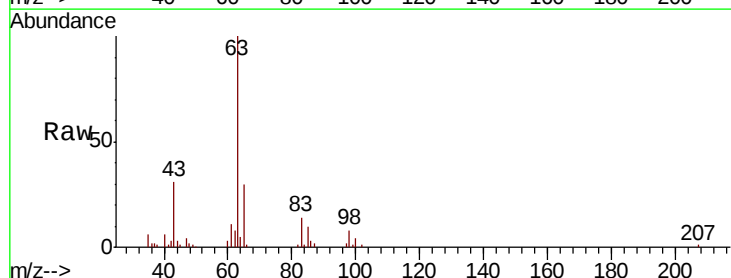
Tgt Ion: 63 Resp: 100650

Ion Ratio Lower Upper

63 100

98 7.7 4.3 12.8

100 4.1 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

40000

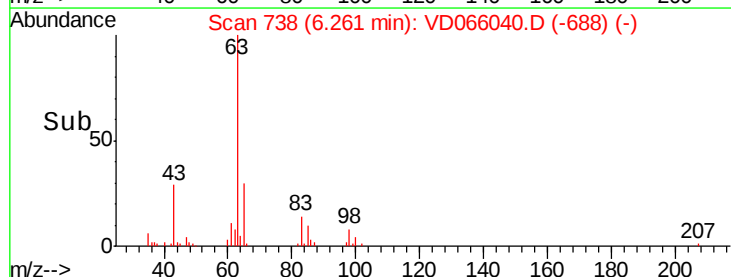
30000

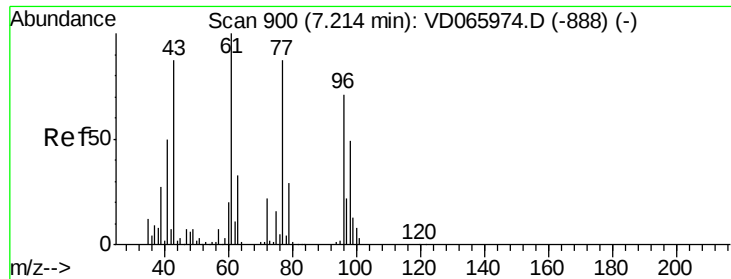
20000

10000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 103.442 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

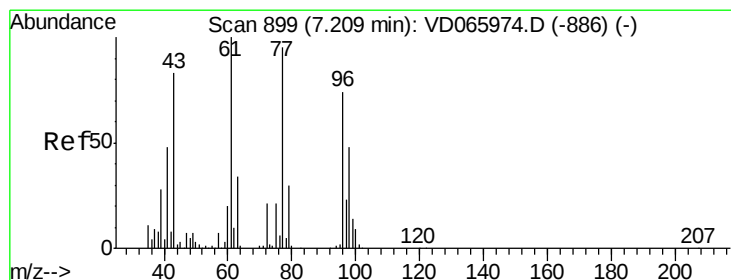
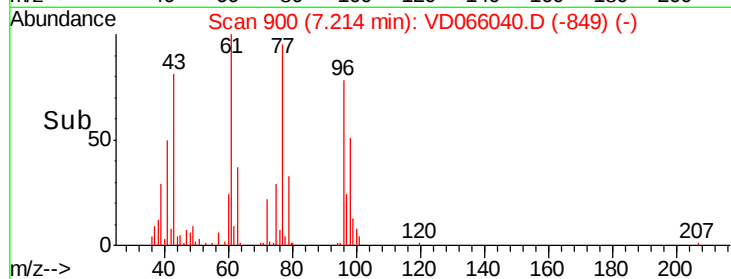
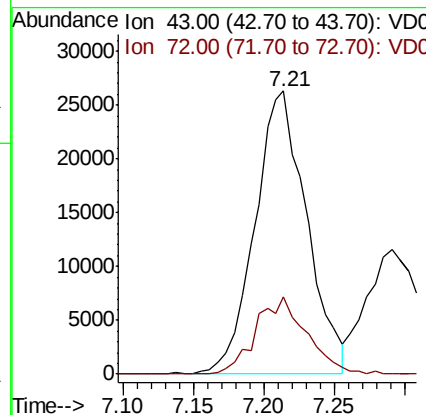
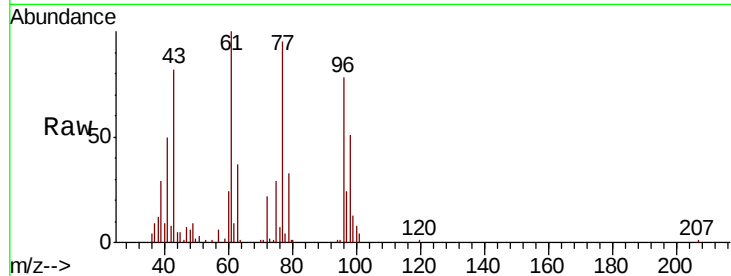
VD0724SBS01

Tot Ion: 43 Resp: 67442

Ion Ratio Lower Upper

43 100

72 27.4 20.2 30.2



#26

2,2-Dichloropropane

Concen: 23.903 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066040.D

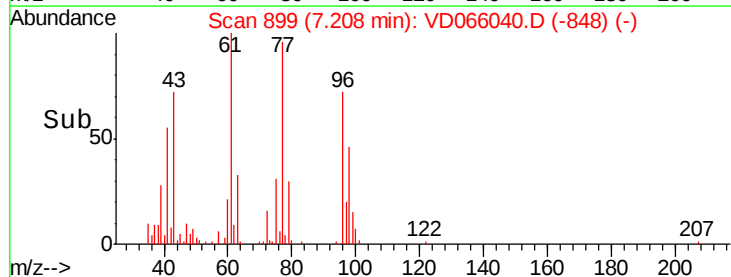
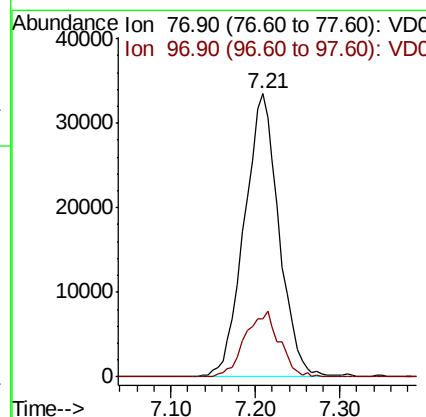
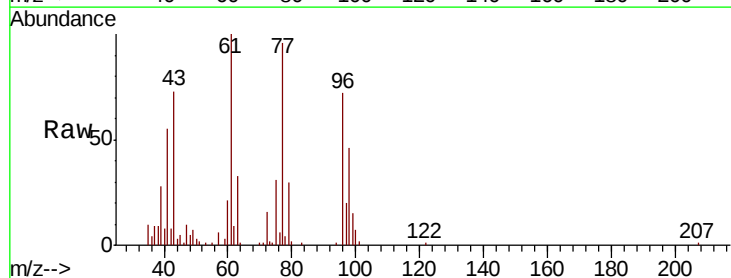
Acq: 24 Jul 2020 12:00

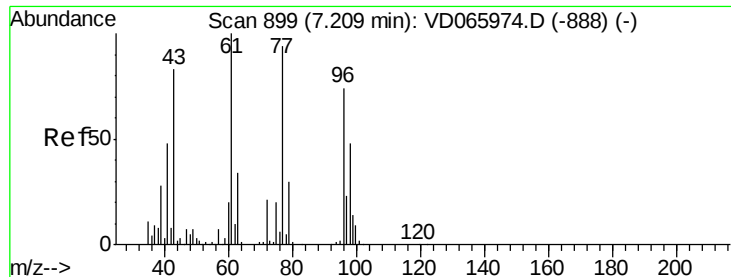
Tgt Ion: 77 Resp: 95404

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7



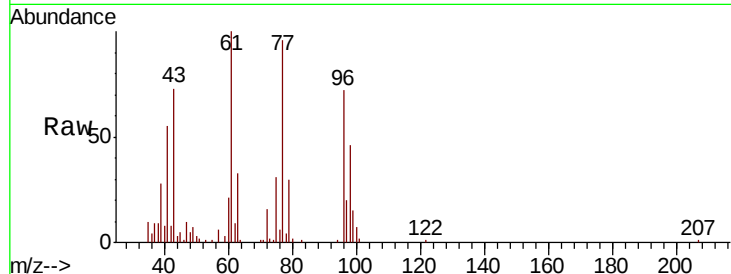


#27

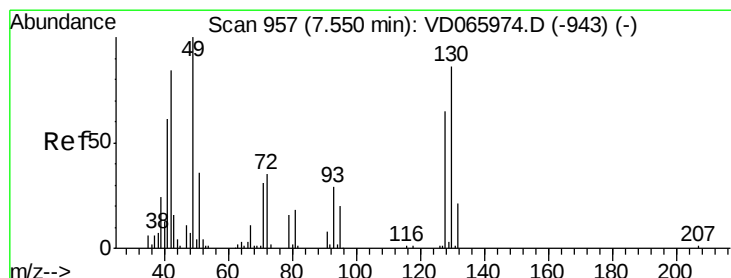
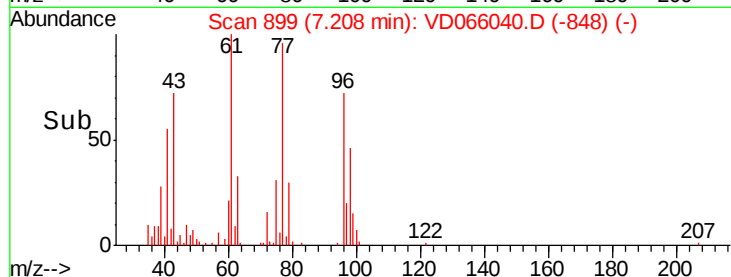
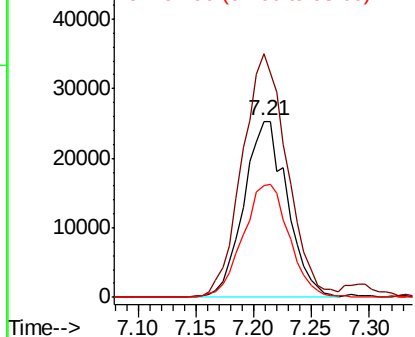
cis-1,2-Dichloroethene
Concen: 22.450 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

Tot Ion: 96 Resp: 66263
Ion Ratio Lower Upper
96 100
61 143.7 0.0 276.6
98 67.9 0.0 130.8



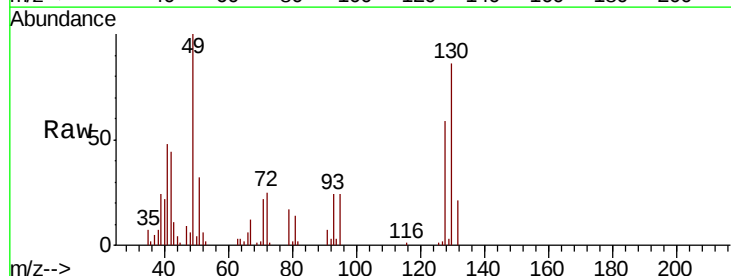
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



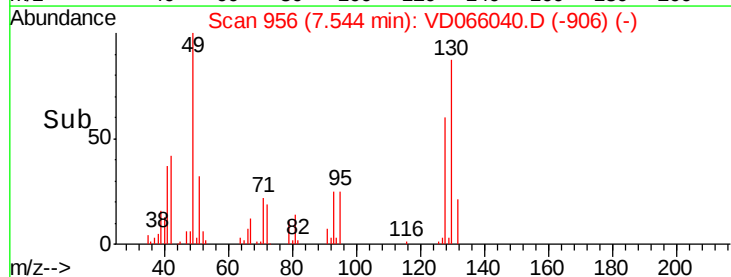
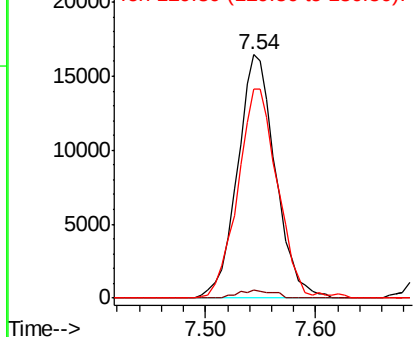
#28

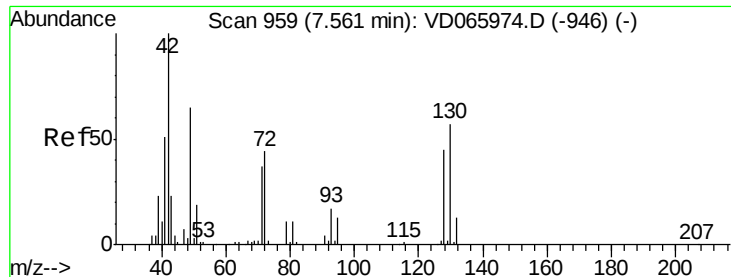
Bromochloromethane
Concen: 20.989 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion: 49 Resp: 39539
Ion Ratio Lower Upper
49 100
129 3.0 0.0 4.8
130 89.6 68.4 102.6



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

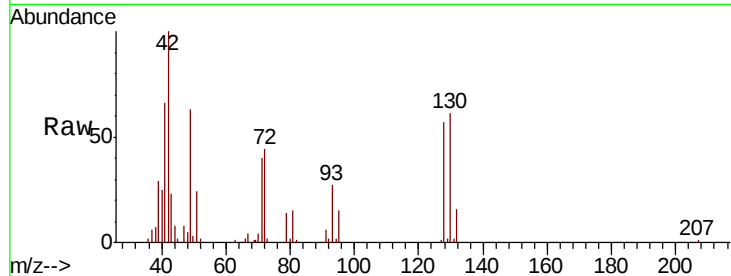




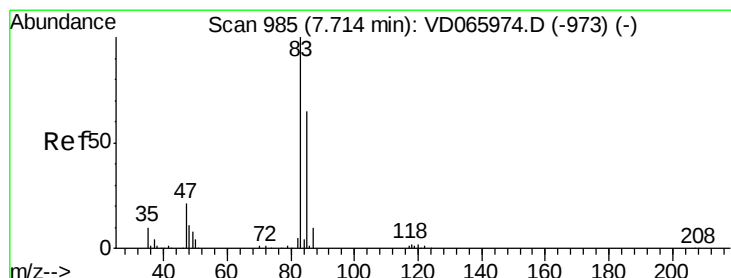
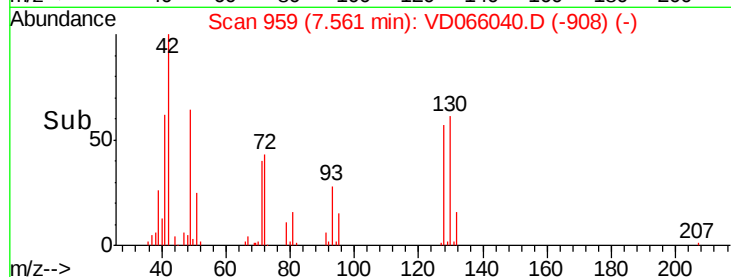
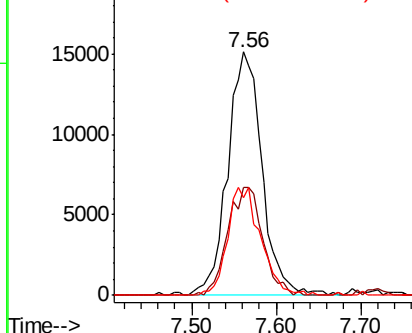
#29
Tetrahydrofuran
Concen: 105.262 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

Tot Ion: 42 Resp: 42344
Ion Ratio Lower Upper
42 100
72 45.3 34.2 51.2
71 42.9 31.4 47.2

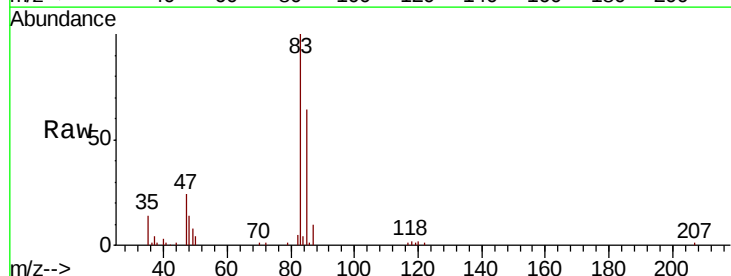


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

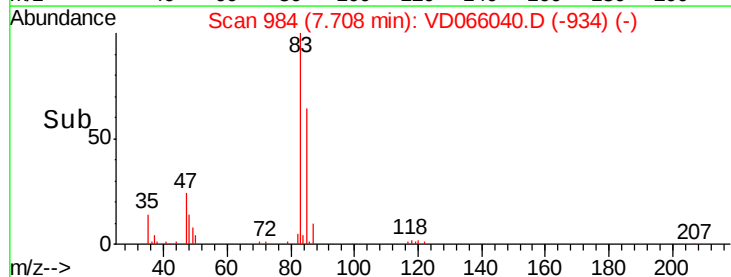
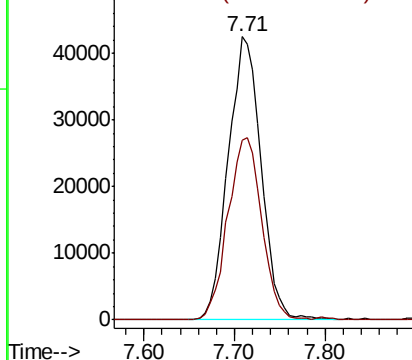


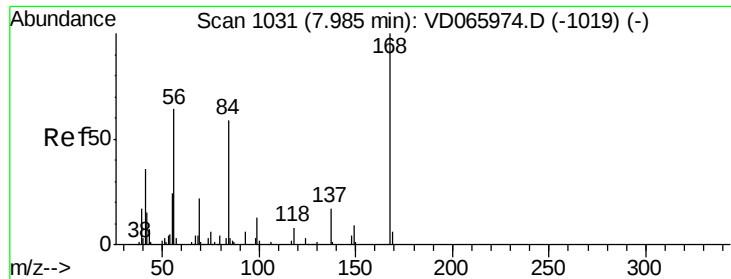
#30
Chloroform
Concen: 23.040 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion: 83 Resp: 106970
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1



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

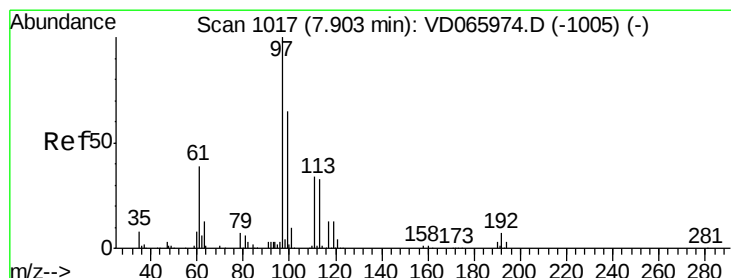
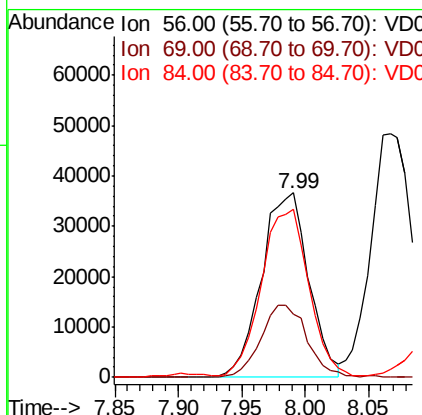
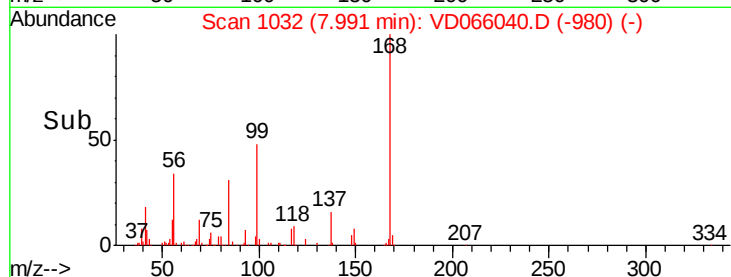
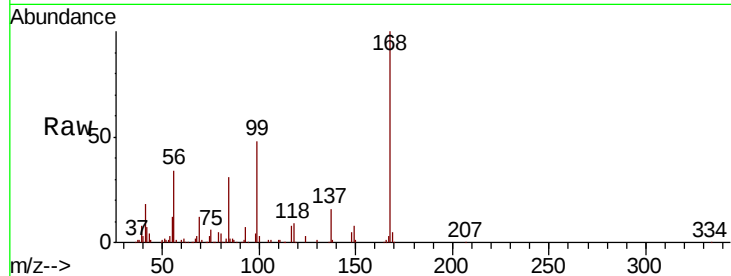




#31
Cyclohexane
Concen: 21.745 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

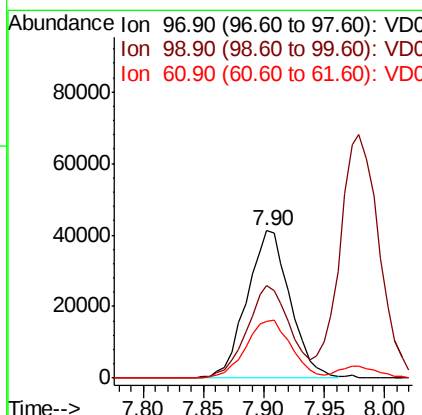
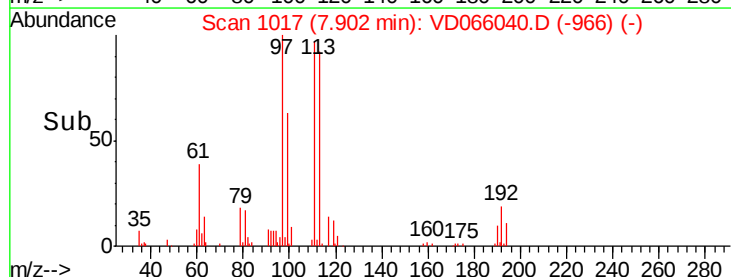
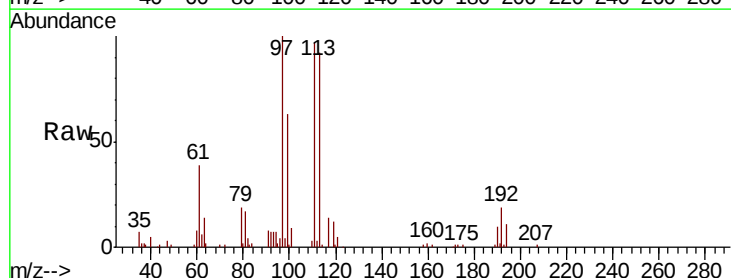
Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

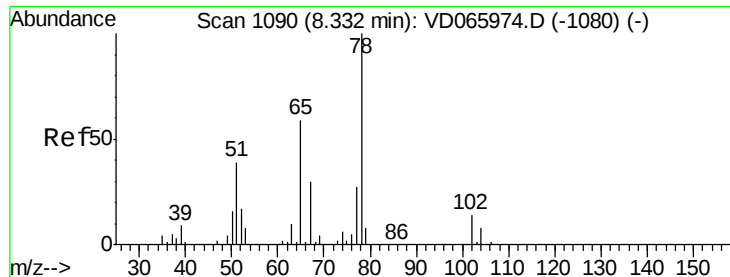
Tot Ion: 56 Resp: 94951
Ion Ratio Lower Upper
56 100
69 34.5 28.0 42.0
84 89.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 23.885 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion: 97 Resp: 102573
Ion Ratio Lower Upper
97 100
99 62.5 51.8 77.6
61 41.3 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 51.997 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

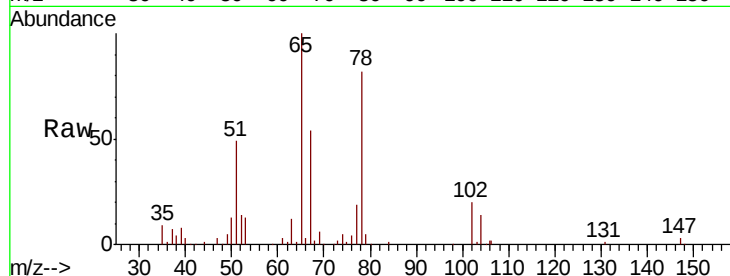
VD0724SBS01

Tot Ion: 65 Resp: 126219

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): V

Ion 66.90 (66.60 to 67.60): V

8.33

60000

50000

40000

30000

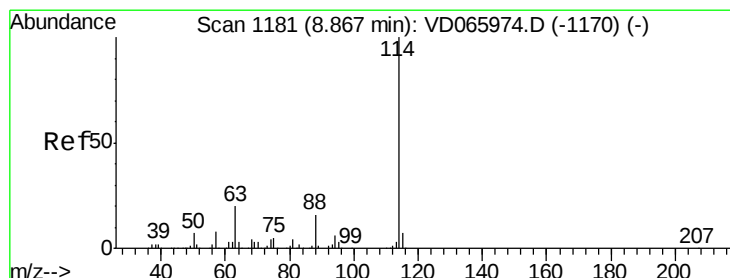
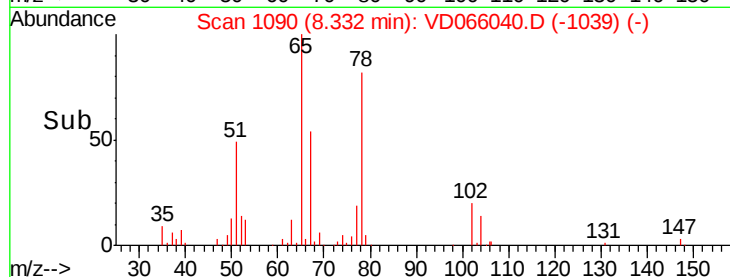
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

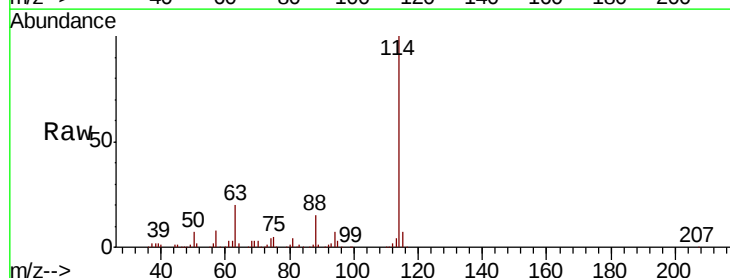
Tgt Ion: 114 Resp: 429886

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.3 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V

8.86

250000

200000

150000

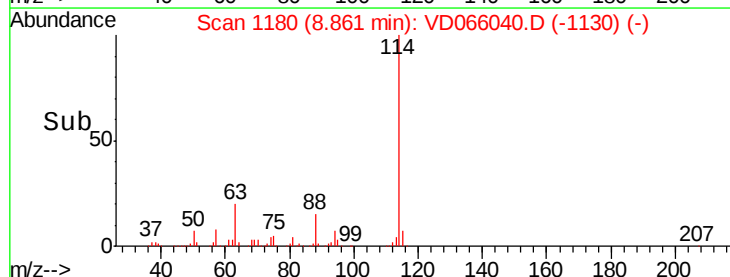
100000

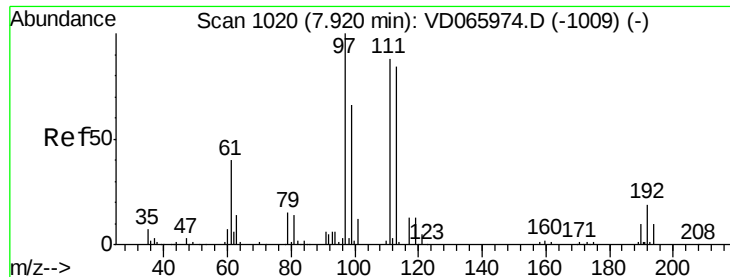
50000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 49.752 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0724SBS01

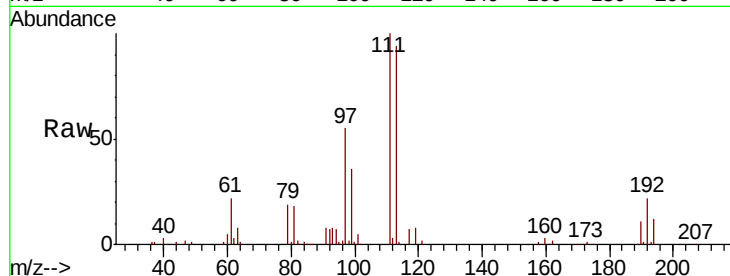
Tot Ion:113 Resp: 129724

Ion Ratio Lower Upper

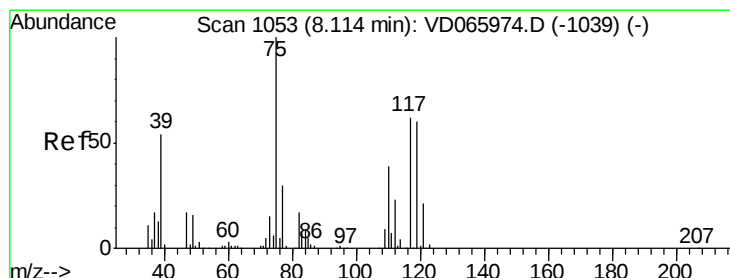
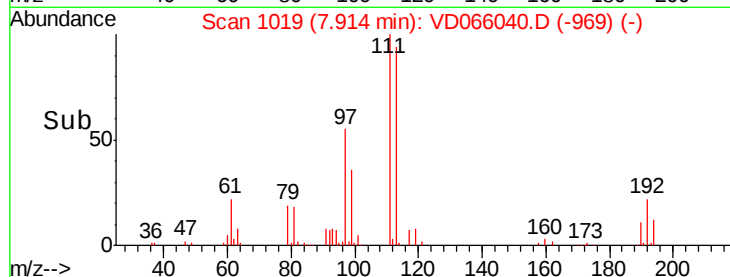
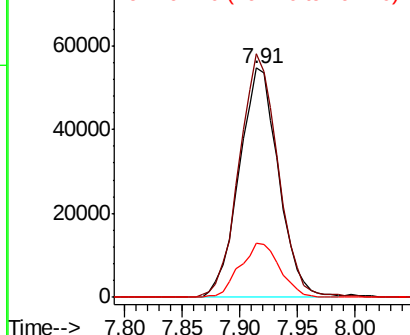
113 100

111 104.7 83.2 124.8

192 23.7 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 23.120 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

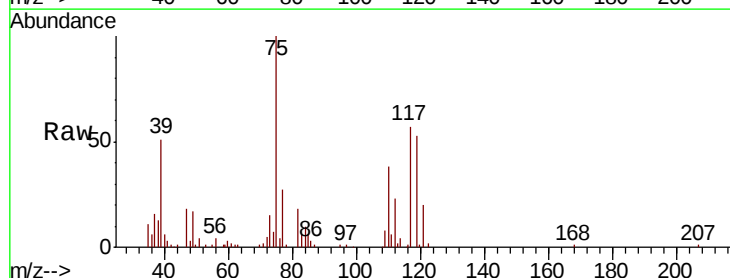
Tgt Ion: 75 Resp: 84825

Ion Ratio Lower Upper

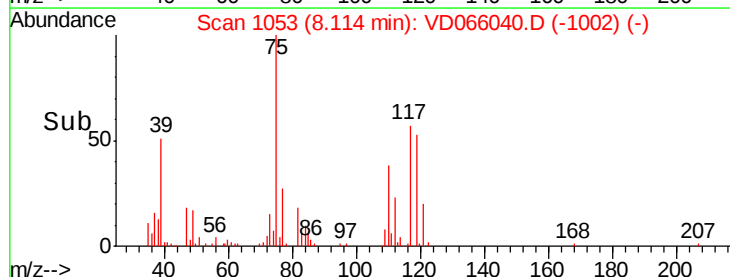
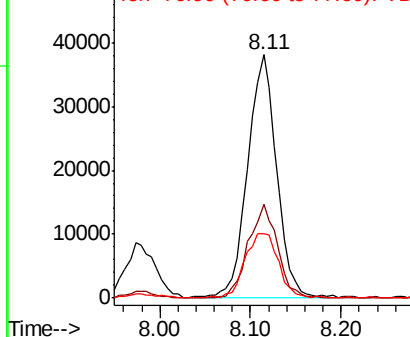
75 100

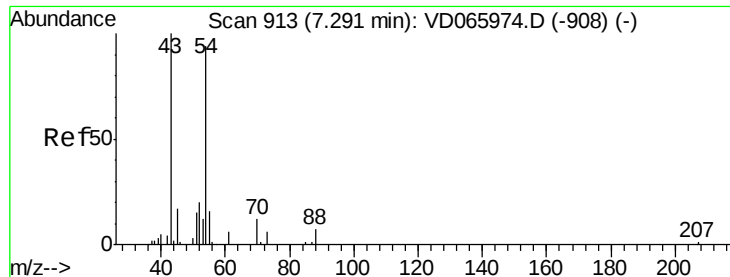
110 38.8 19.5 58.5

77 30.5 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

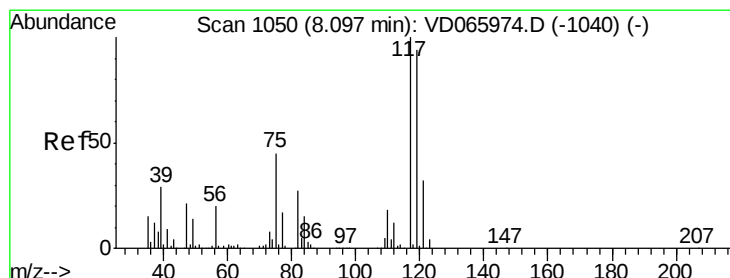
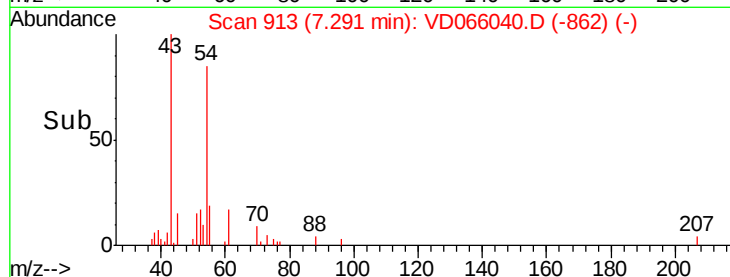
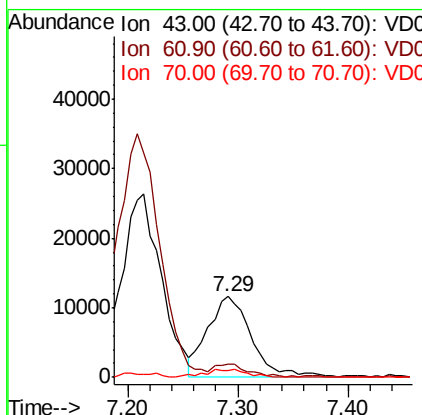
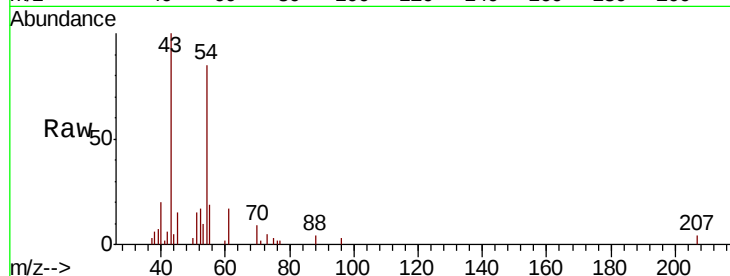




#37
Ethyl Acetate
Concen: 23.034 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

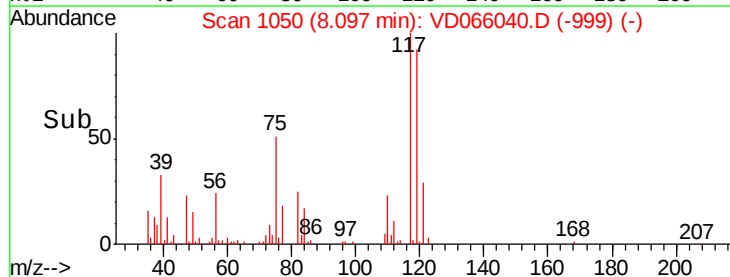
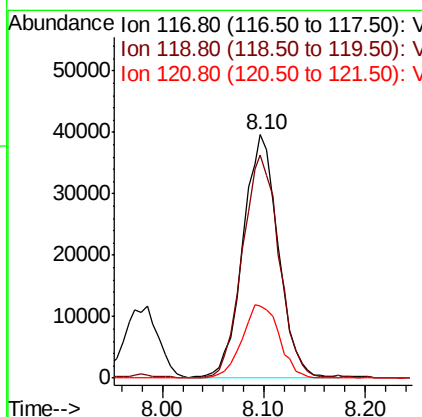
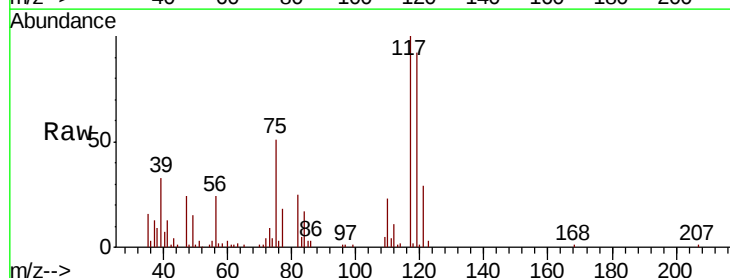
Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

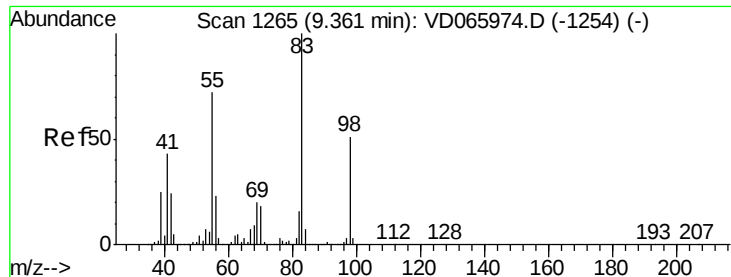
Tot Ion: 43 Resp: 32274
Ion Ratio Lower Upper
43 100
61 12.4 11.4 17.0
70 9.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 24.250 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion: 117 Resp: 96537
Ion Ratio Lower Upper
117 100
119 91.9 75.0 112.6
121 29.4 25.5 38.3

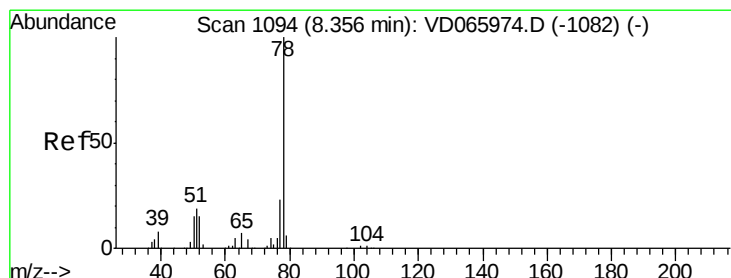
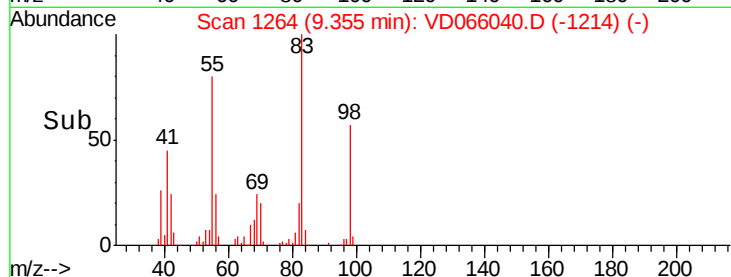
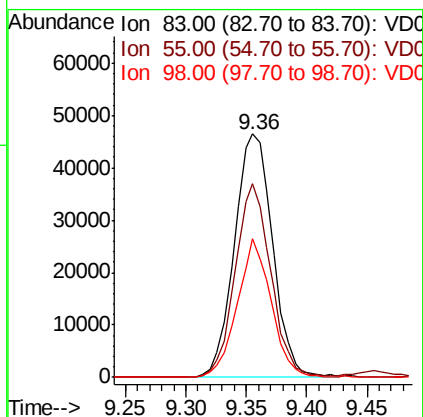
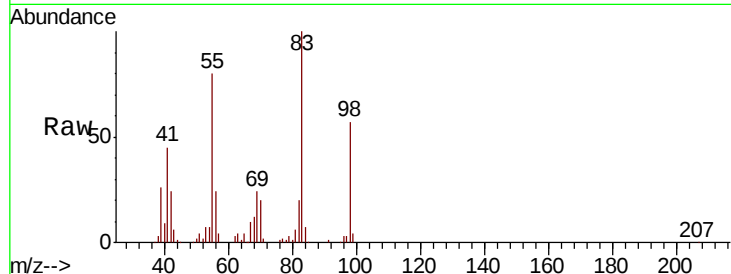




#39
Methvlcvclohexane
Concen: 23.067 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

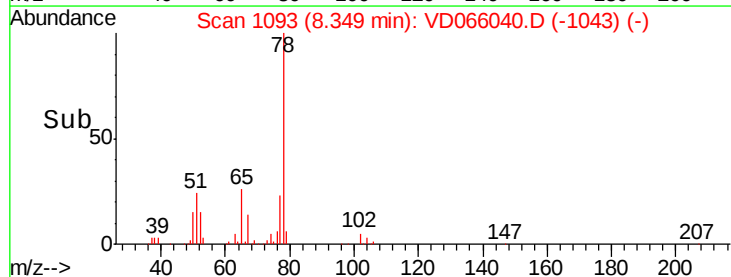
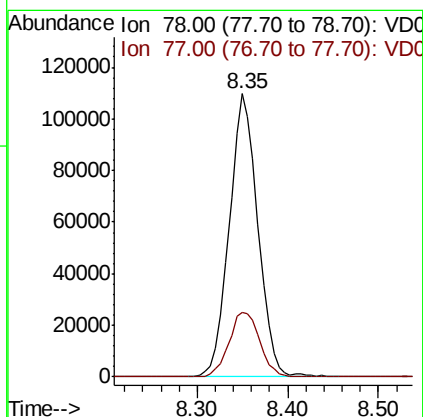
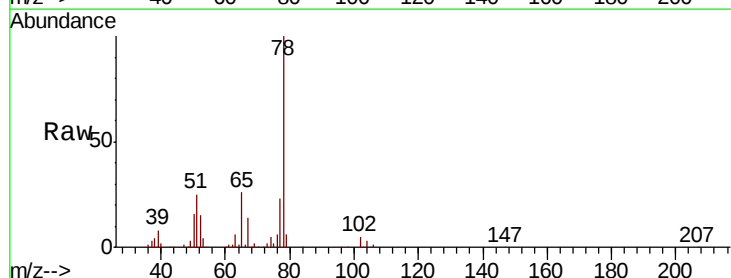
Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

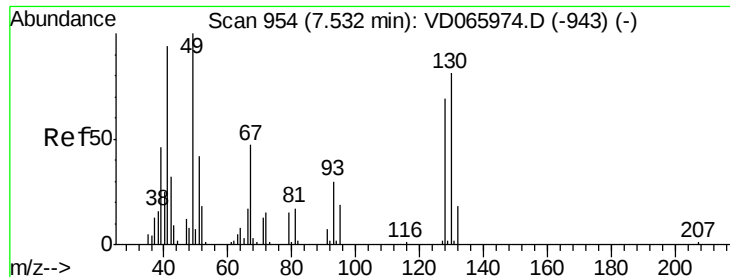
Tot Ion: 83 Resp: 102485
Ion Ratio Lower Upper
83 100
55 79.6 57.3 85.9
98 56.8 41.0 61.6



#40
Benzene
Concen: 23.411 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion: 78 Resp: 240292
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8

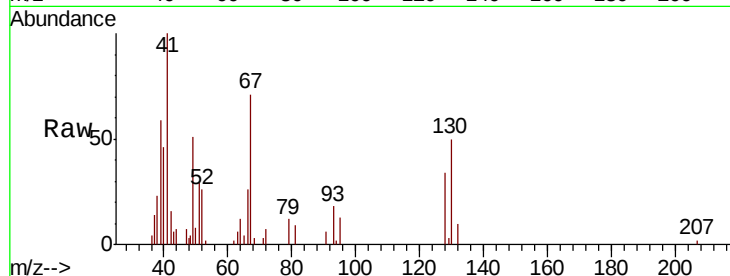




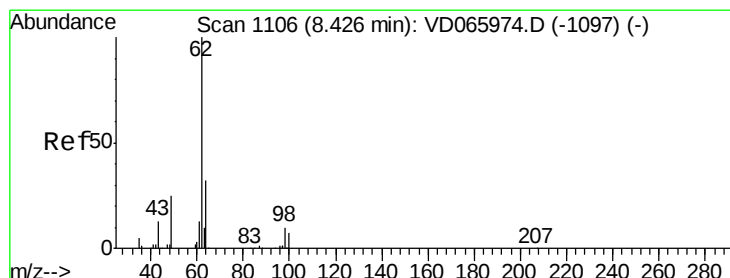
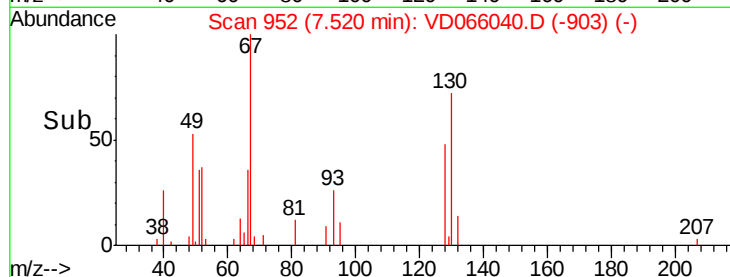
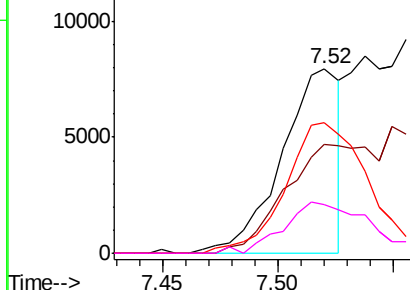
#41
Methacrylonitrile
Concen: 17.537 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

Tot Ion:	41	Resp:	14076
Ion	Ratio	Lower	Upper
41	100		
39	89.9	0.0	0.0#
67	99.8	0.0	0.0#
52	40.3	0.0	0.0#

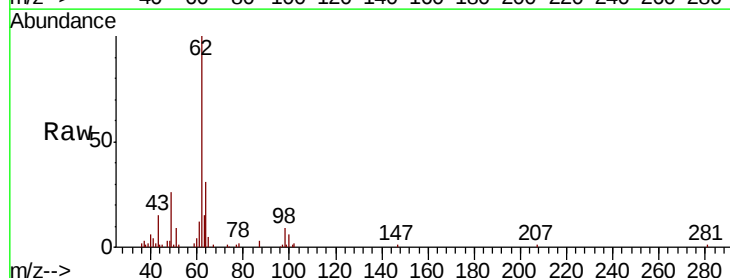


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

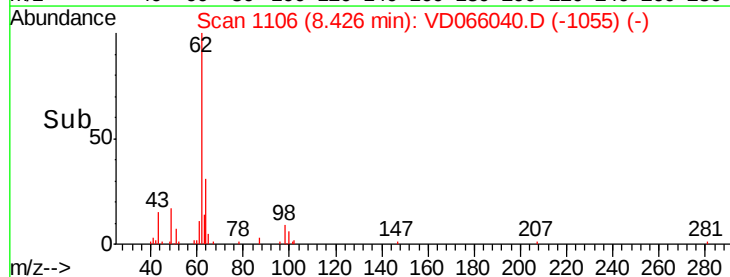
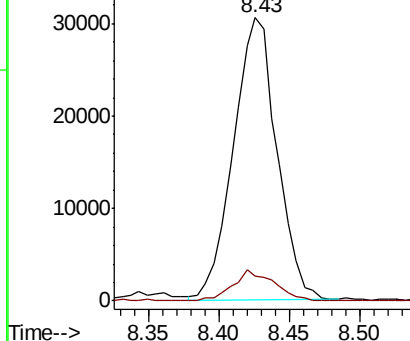


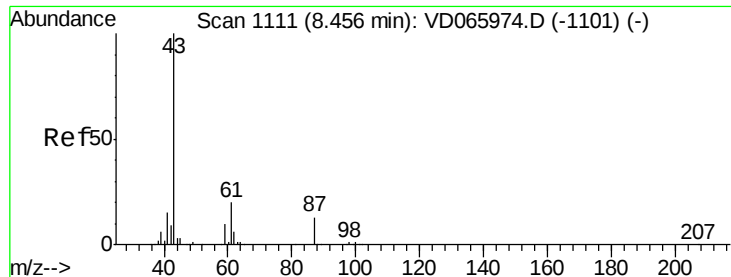
#42
1,2-Dichloroethane
Concen: 23.330 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion:	62	Resp:	65620
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 22.292 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0724SBS01

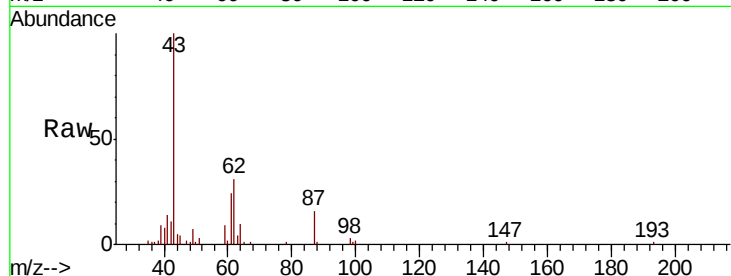
Tot Ion: 43 Resp: 61004

Ion Ratio Lower Upper

43 100

61 32.0 25.8 38.8

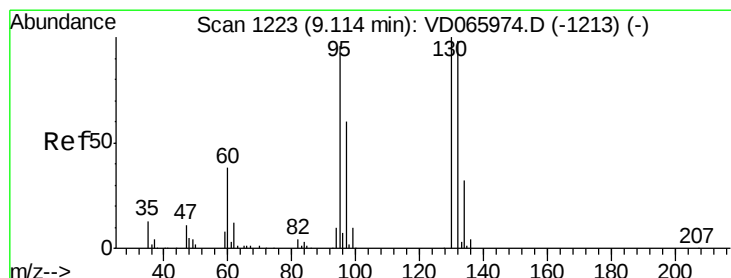
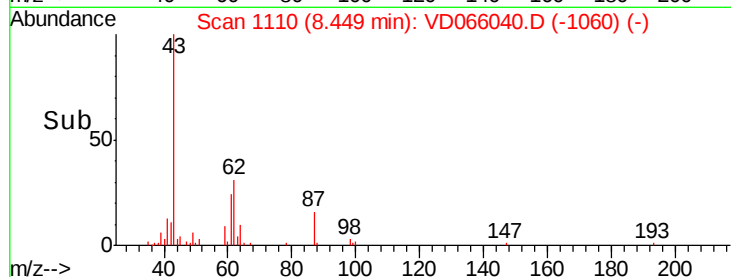
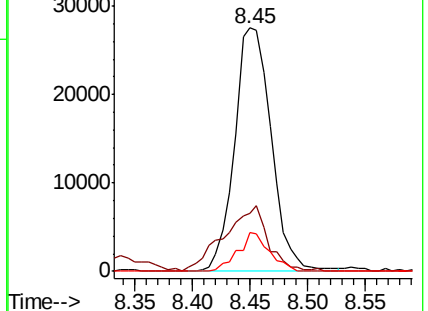
87 13.5 10.9 16.3



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: 22.939 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD066040.D

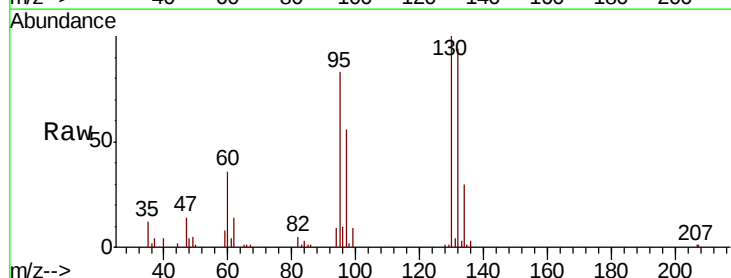
Acq: 24 Jul 2020 12:00

Tgt Ion: 130 Resp: 71252

Ion Ratio Lower Upper

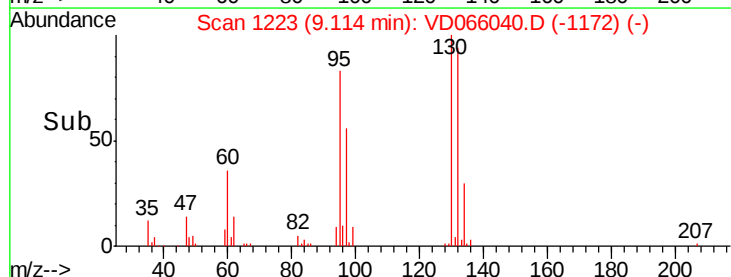
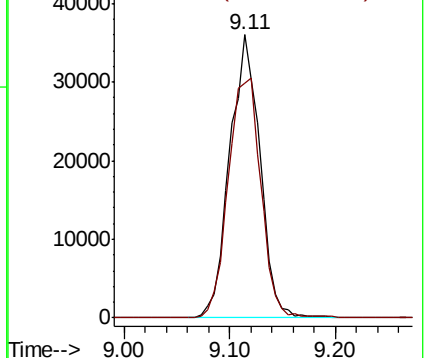
130 100

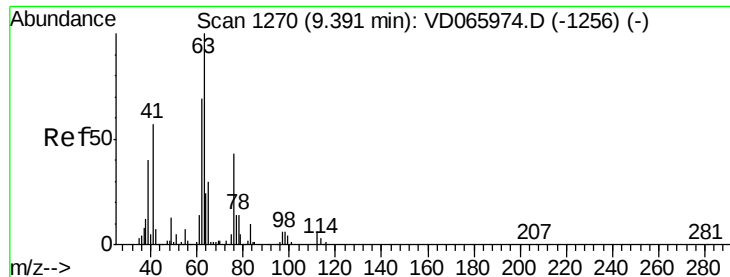
95 83.1 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

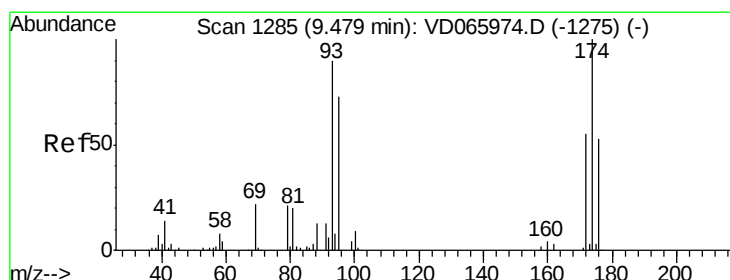
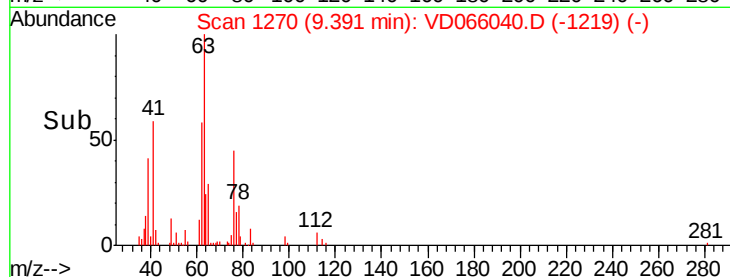
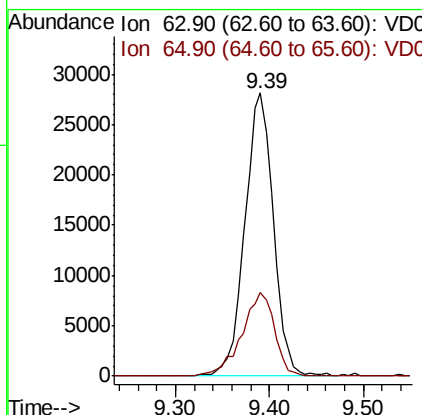
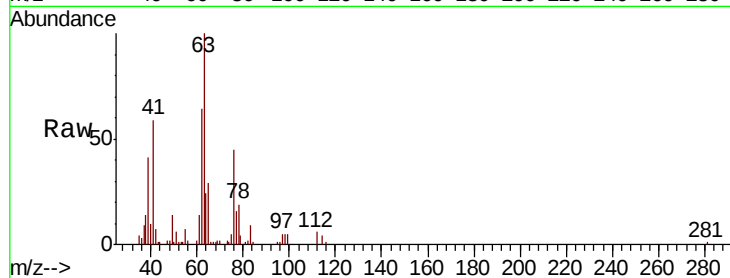




#45
 1,2-Dichloropropane
 Concen: 23.784 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

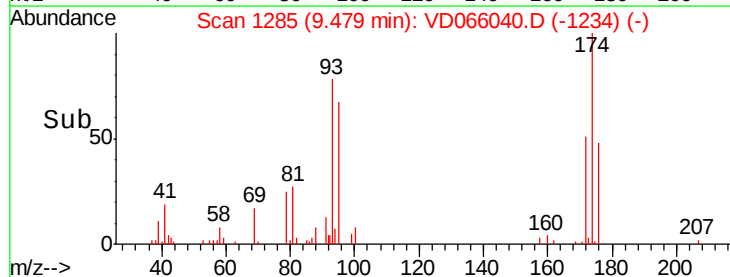
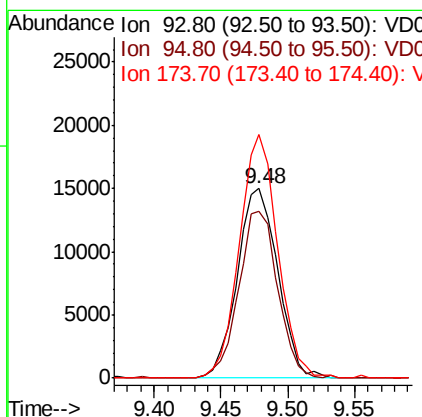
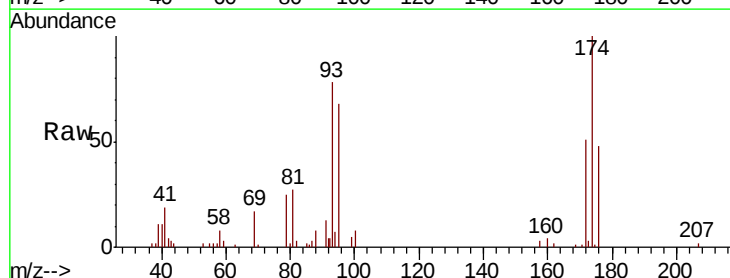
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0724SBS01

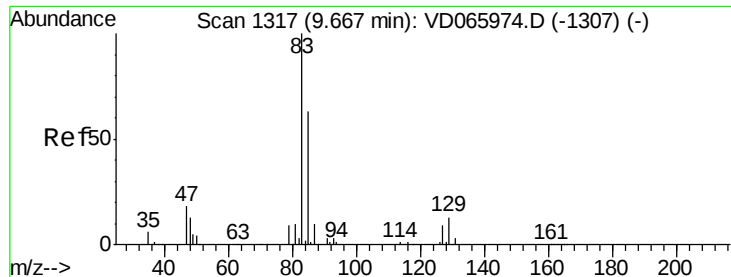
Tot Ion: 63 Resp: 59126
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.0 36.0



#46
 Dibromomethane
 Concen: 23.551 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

Tgt Ion: 93 Resp: 31517
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.2 99.4
 174 121.3 91.5 137.3





#47

Bromodichloromethane

Concen: 23.549 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0724SBS01

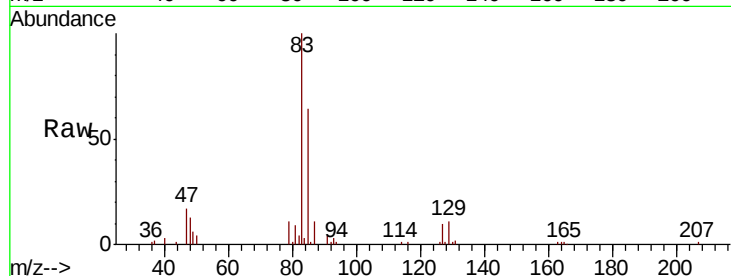
Tot Ion: 83 Resp: 83327

Ion Ratio Lower Upper

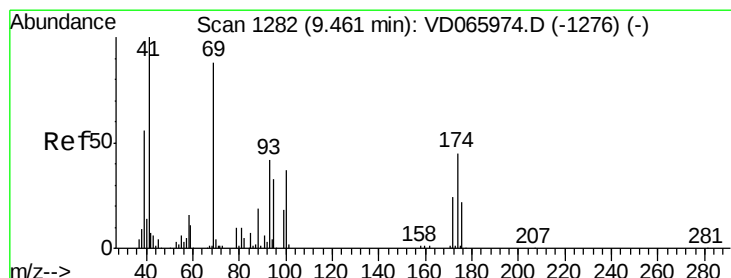
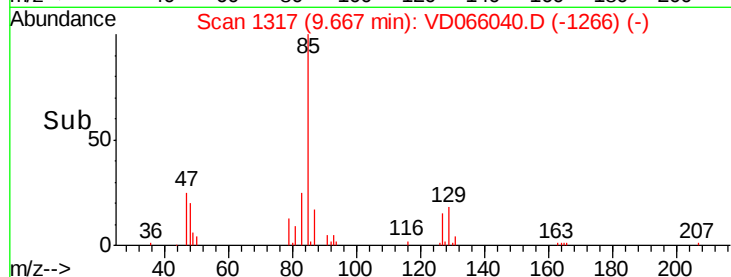
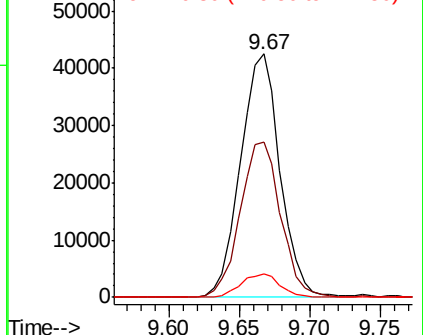
83 100

85 63.6 50.6 75.8

127 9.5 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): VDC



#48

Methyl methacrylate

Concen: 20.987 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

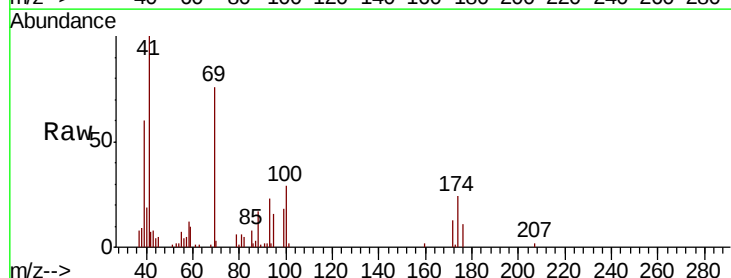
Tgt Ion: 41 Resp: 28971

Ion Ratio Lower Upper

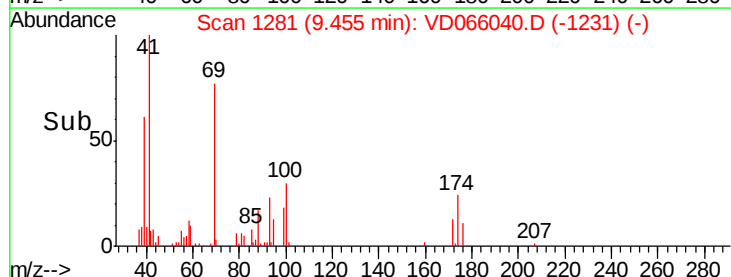
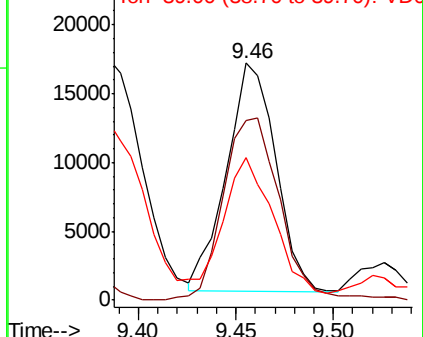
41 100

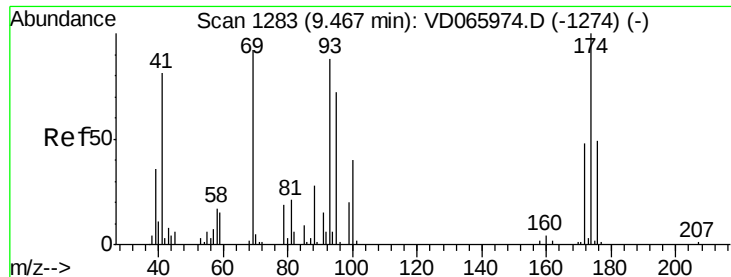
69 91.8 65.1 97.7

39 57.7 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: 464.387 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0724SBS01

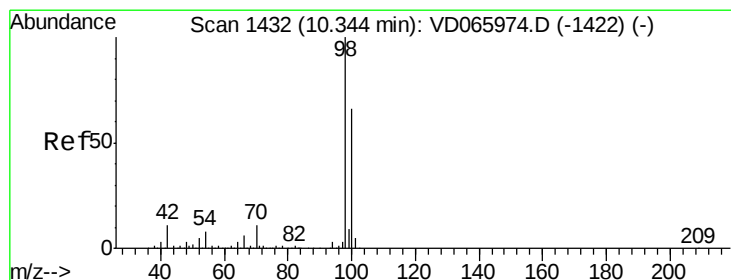
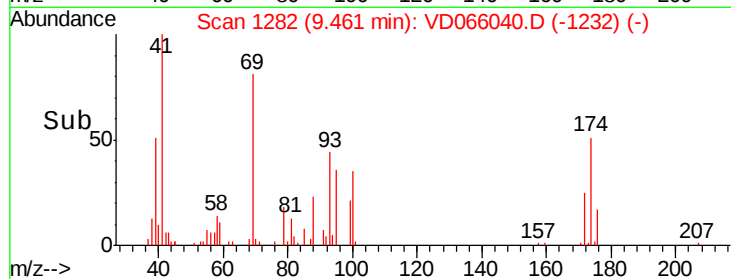
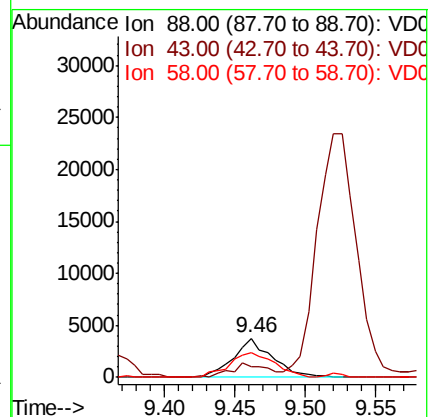
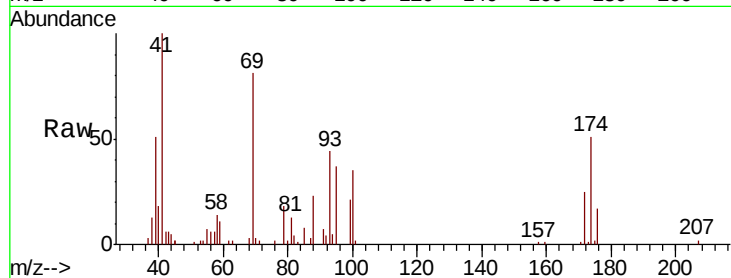
Tot Ion: 88 Resp: 7200

Ion Ratio Lower Upper

88 100

43 35.6 29.0 43.6

58 73.4 57.0 85.4



#50

Toluene-d8

Concen: 52.304 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066040.D

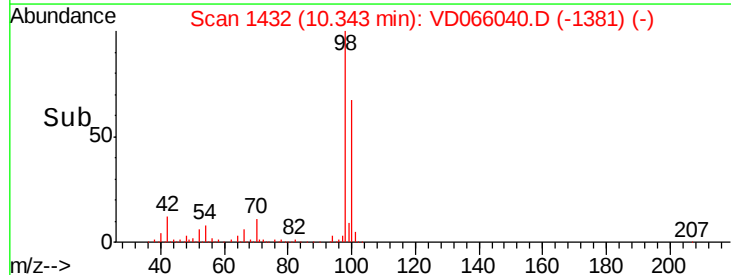
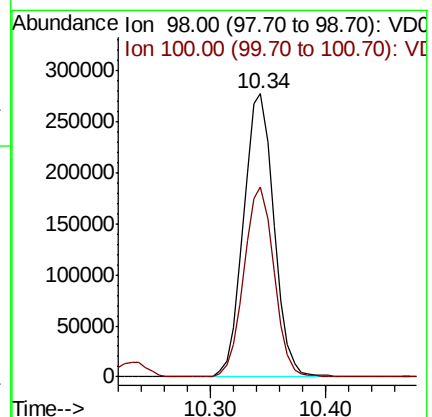
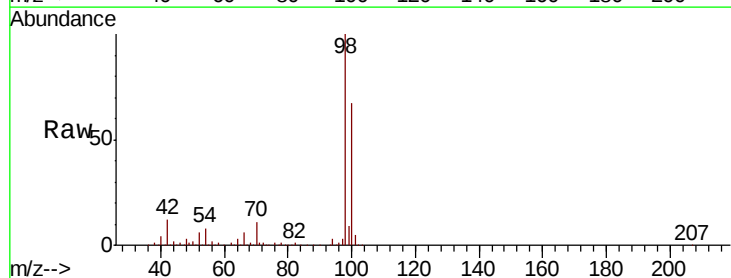
Acq: 24 Jul 2020 12:00

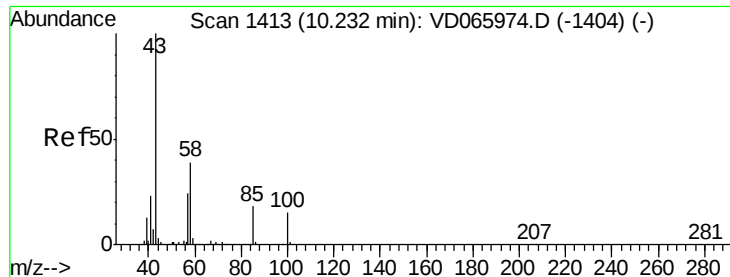
Tgt Ion: 98 Resp: 508042

Ion Ratio Lower Upper

98 100

100 66.7 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 113.223 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

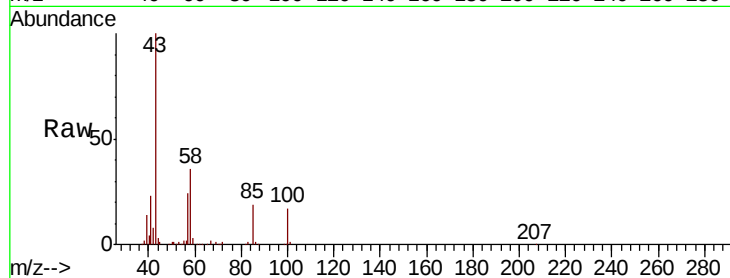
VD0724SBS01

Tot Ion: 43 Resp: 156119

Ion Ratio Lower Upper

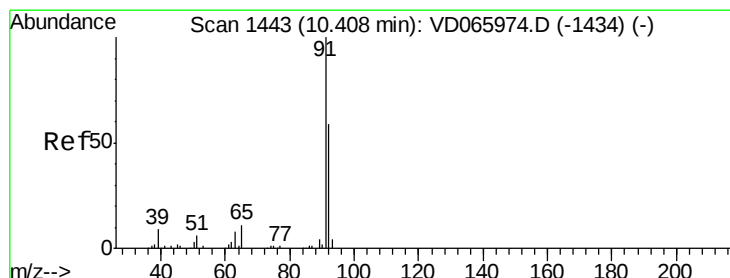
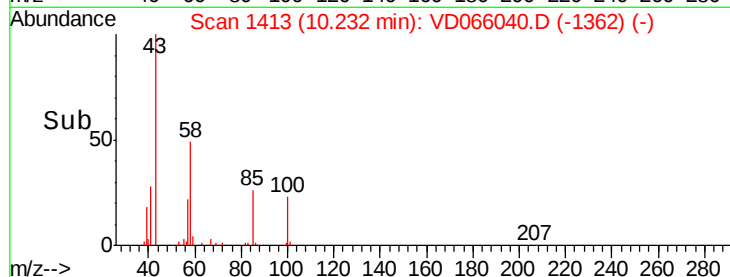
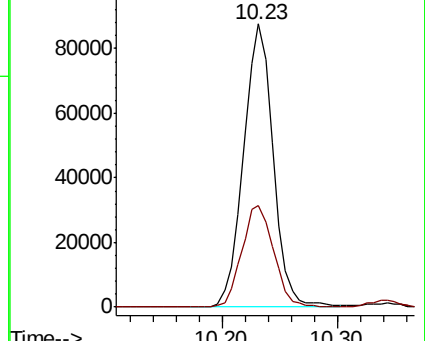
43 100

58 38.7 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 24.215 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD066040.D

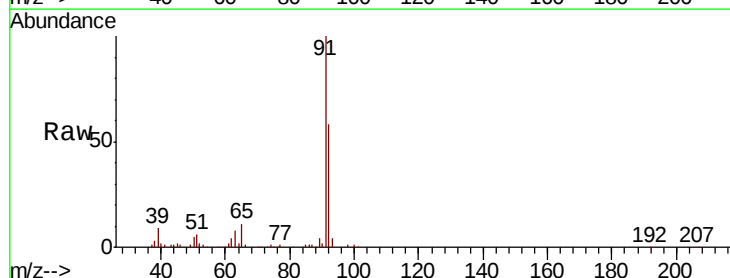
Acq: 24 Jul 2020 12:00

Tgt Ion: 92 Resp: 162090

Ion Ratio Lower Upper

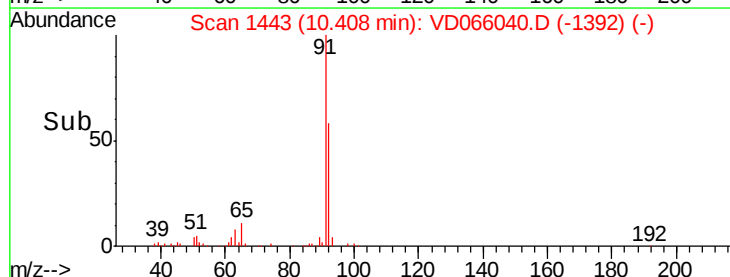
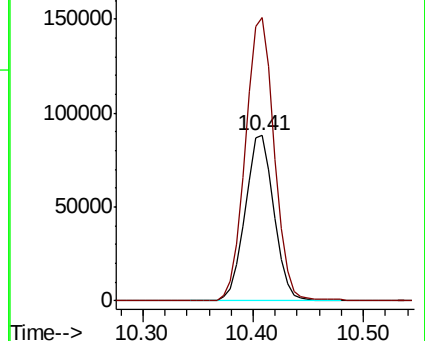
92 100

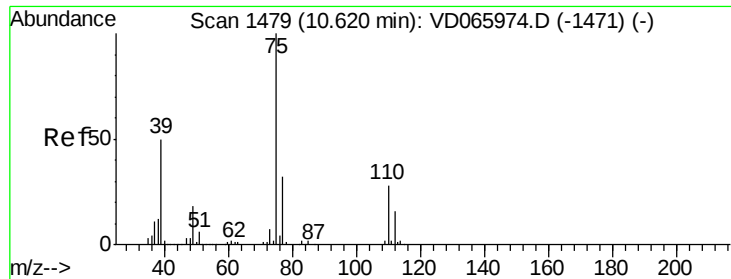
91 171.3 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 23.840 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

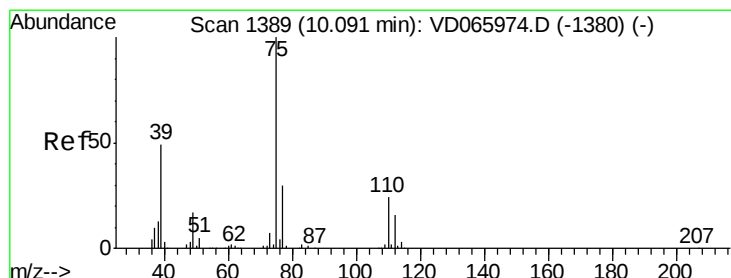
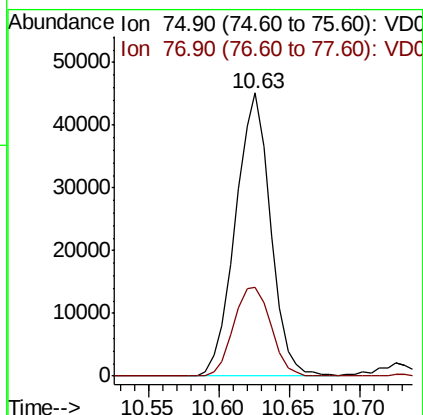
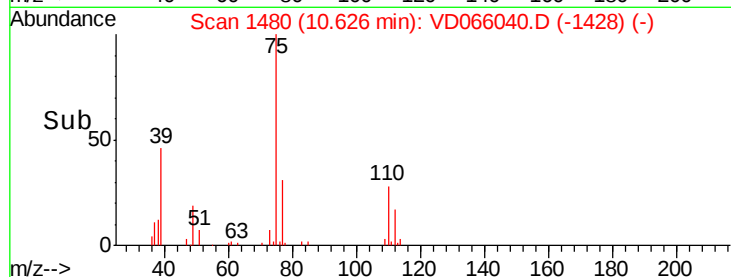
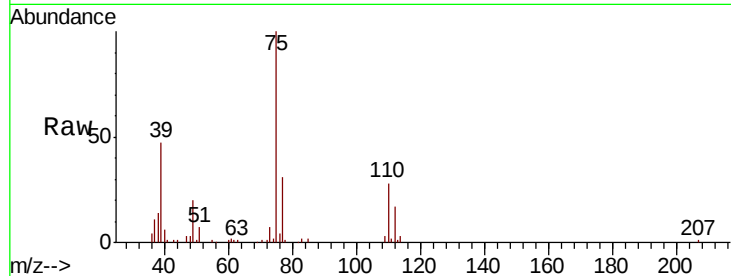
VD0724SBS01

Tot Ion: 75 Resp: 78590

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 23.510 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

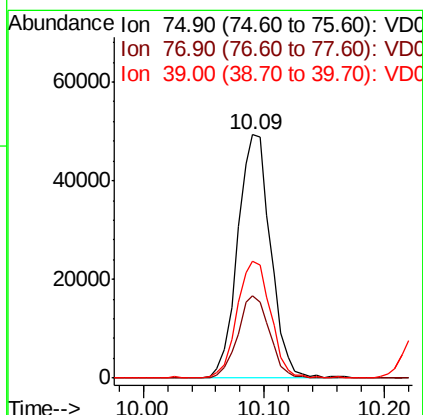
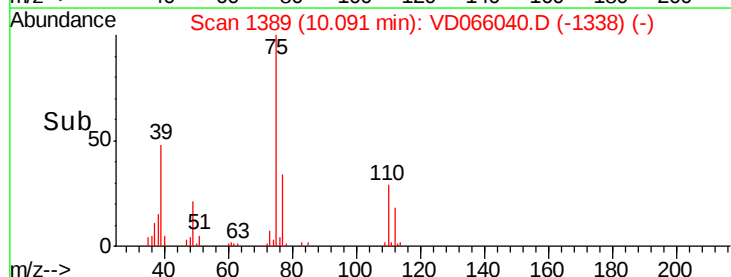
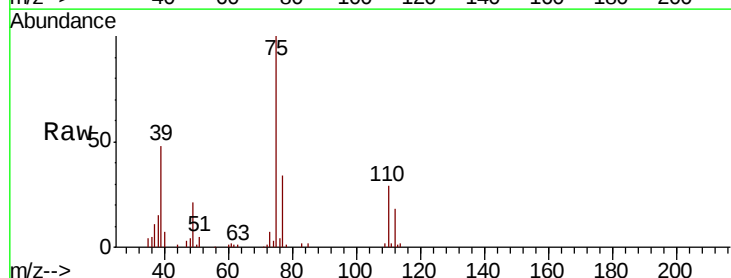
Tgt Ion: 75 Resp: 93949

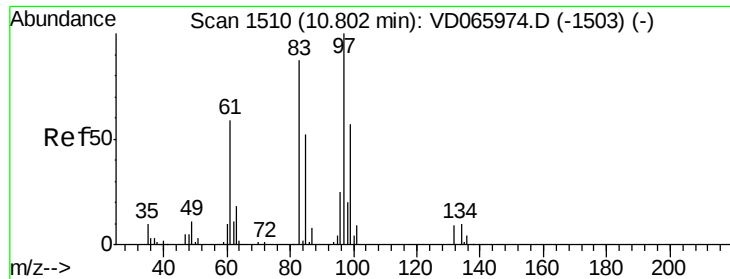
Ion Ratio Lower Upper

75 100

77 33.8 23.8 35.8

39 47.8 38.8 58.2



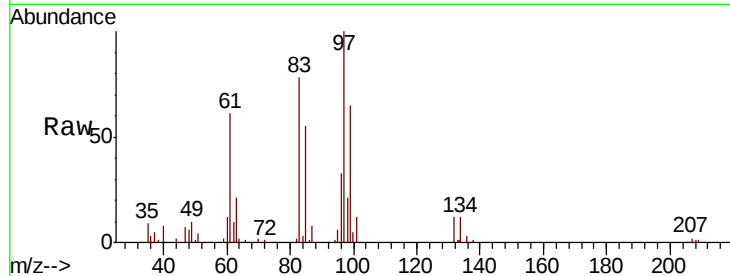


#55
 1,1,2-Trichloroethane
 Concen: 23.872 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

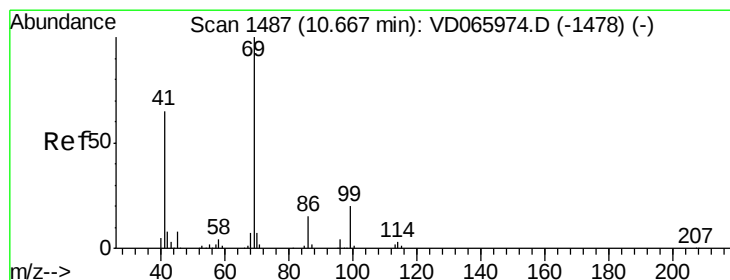
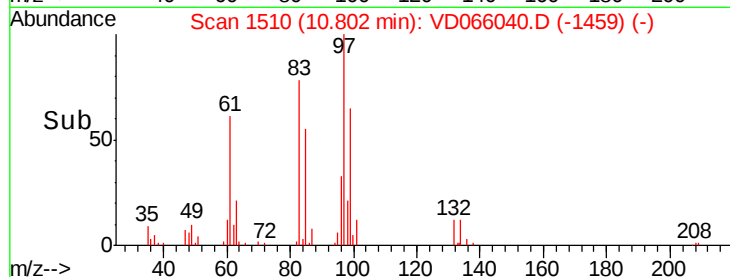
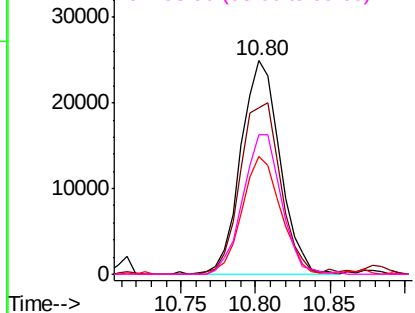
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0724SBS01

Tot Ion: 97 Resp: 45309

Ion	Ratio	Lower	Upper
97	100		
83	77.9	69.7	104.5
85	55.3	41.6	62.4
99	65.2	45.9	68.9



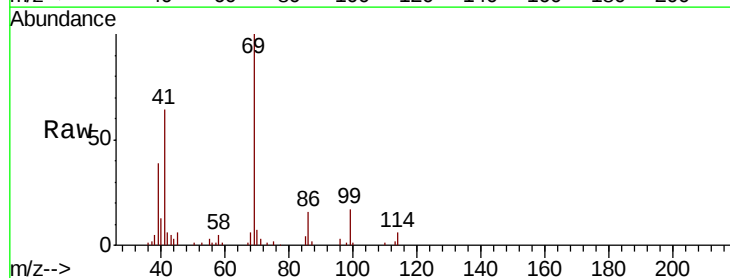
Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC



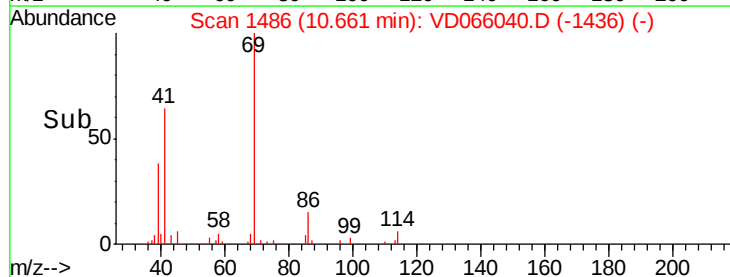
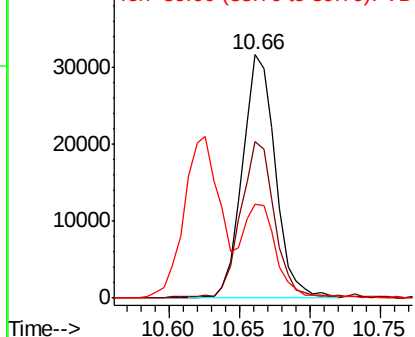
#56
 Ethyl methacrylate
 Concen: 23.448 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

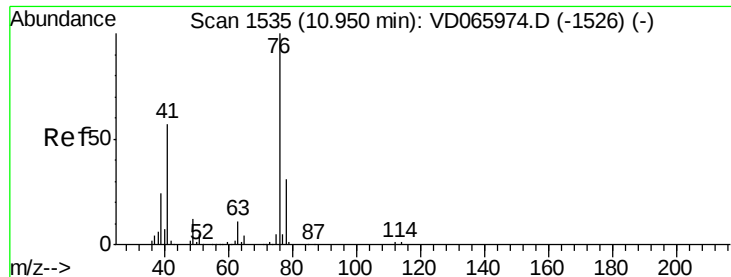
Tgt Ion: 69 Resp: 51742

Ion	Ratio	Lower	Upper
69	100		
41	66.6	52.3	78.5
39	33.6	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

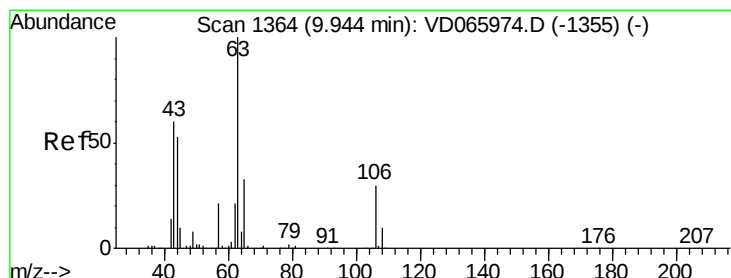
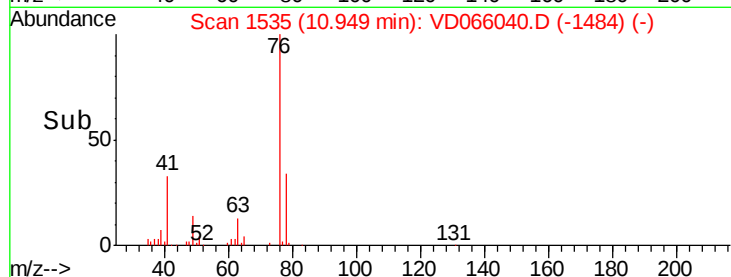
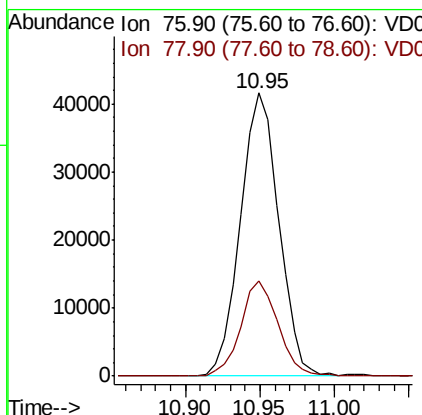
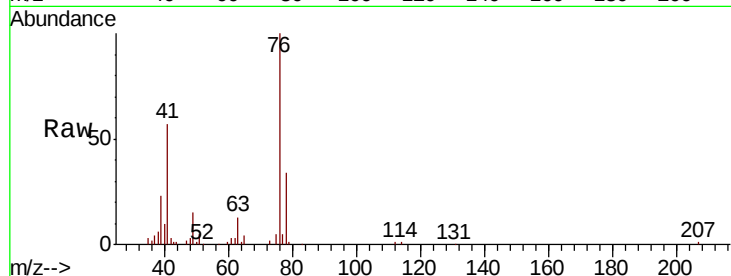




#57
 1,3-Dichloropropane
 Concen: 23.637 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

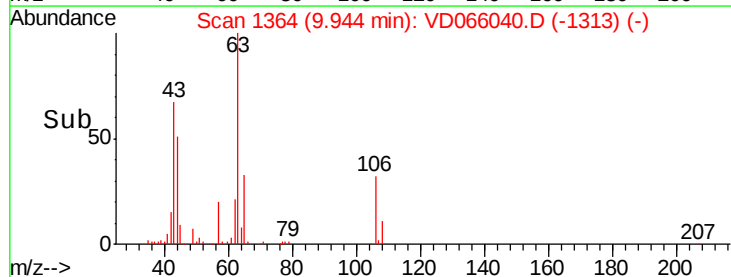
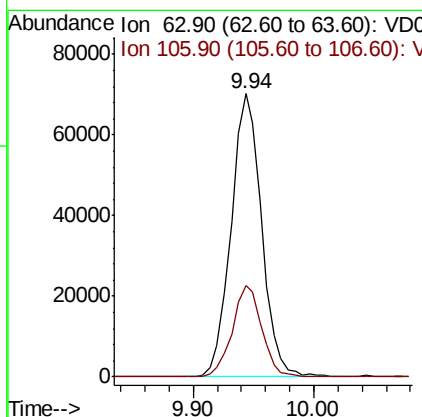
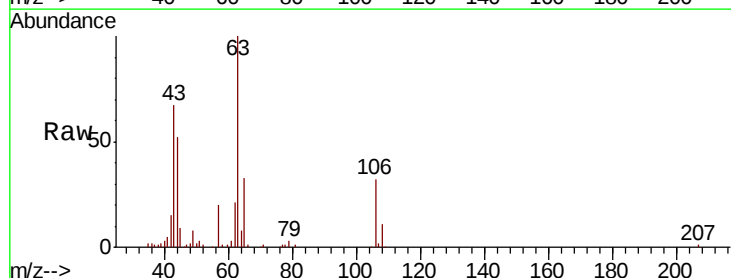
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0724SBS01

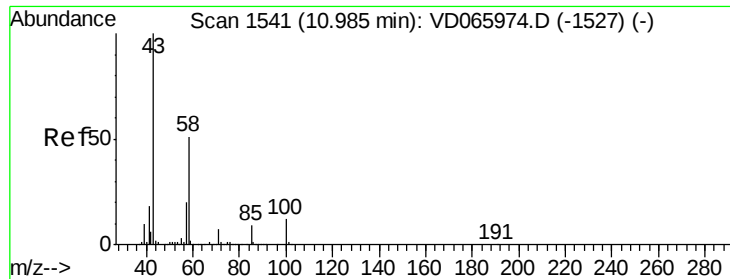
Tot Ion: 76 Resp: 74268
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.318 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

Tgt Ion: 63 Resp: 123670
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.4 36.6

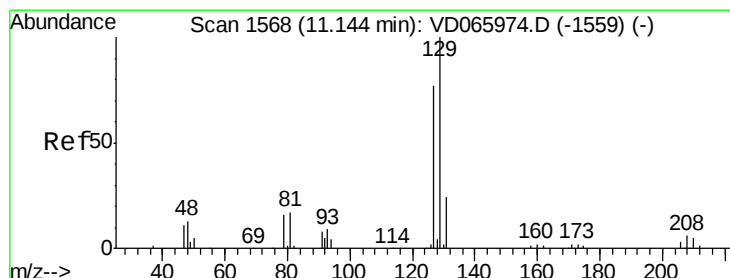
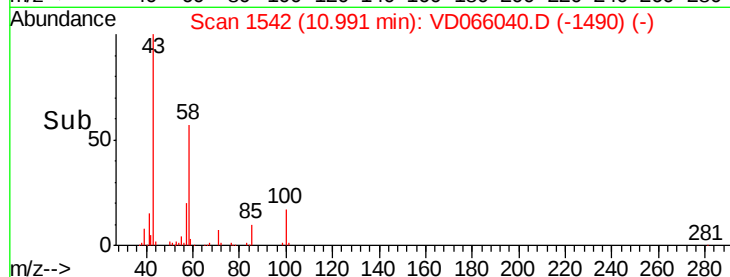
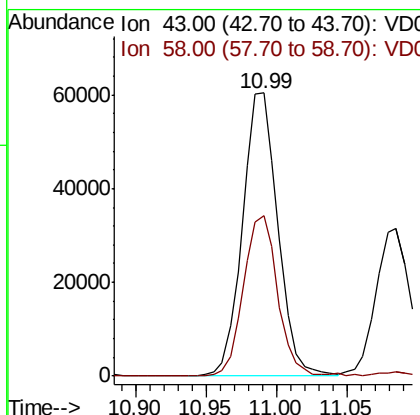
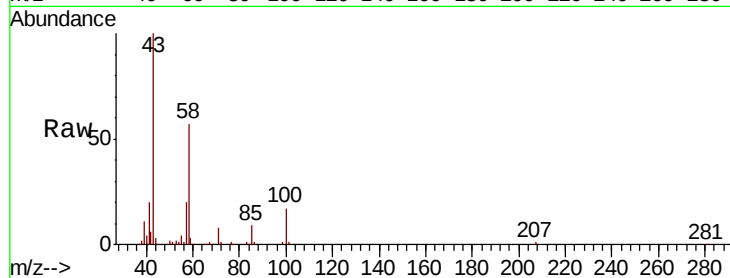




#59
2-Hexanone
Concen: 111.036 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

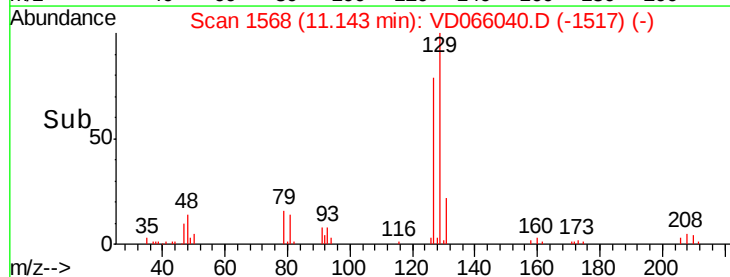
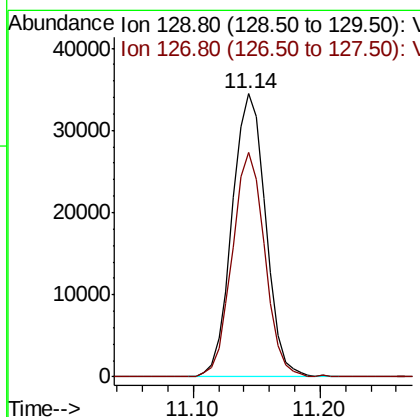
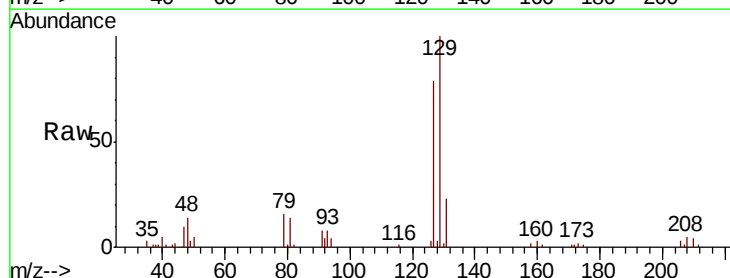
Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

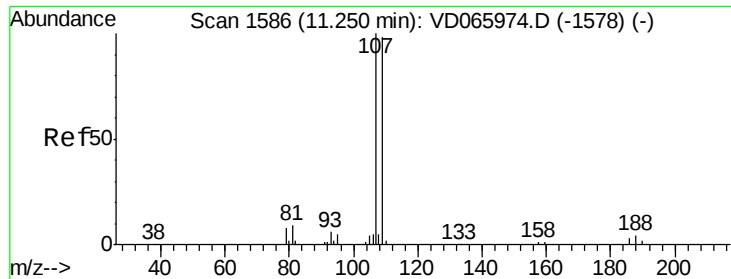
Tot Ion: 43 Resp: 106099
Ion Ratio Lower Upper
43 100
58 54.7 26.2 78.6



#60
Dibromochloromethane
Concen: 24.674 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion:129 Resp: 63142
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7

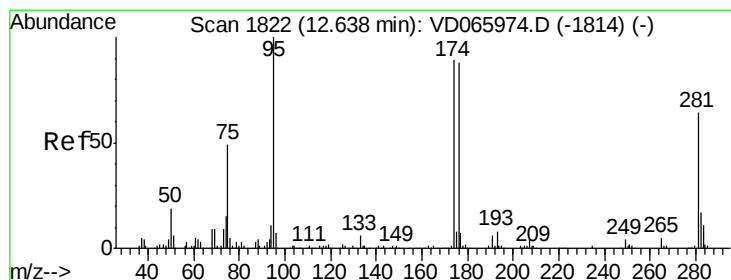
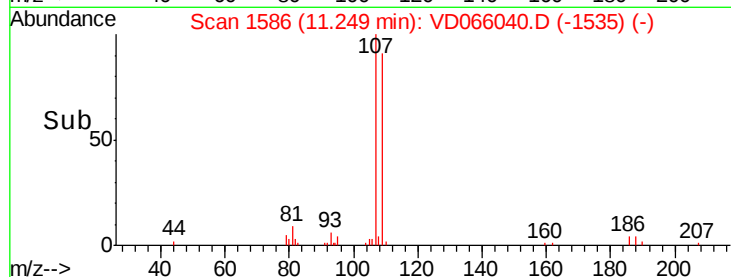
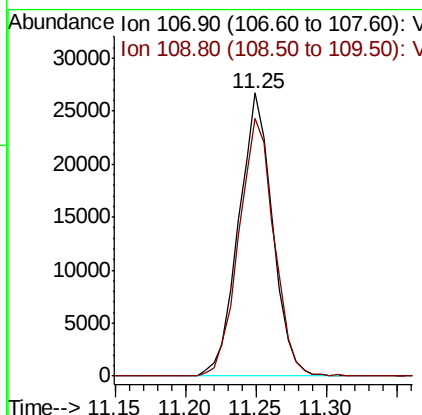
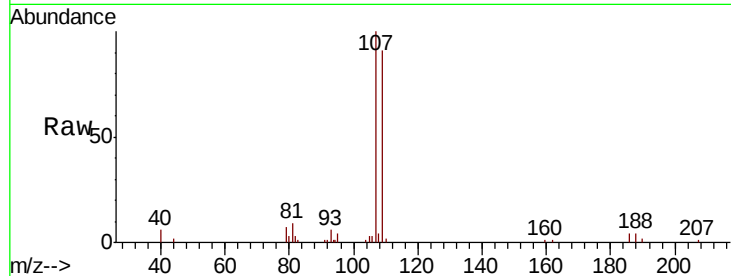




#61
 1,2-Dibromoethane
 Concen: 24.410 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

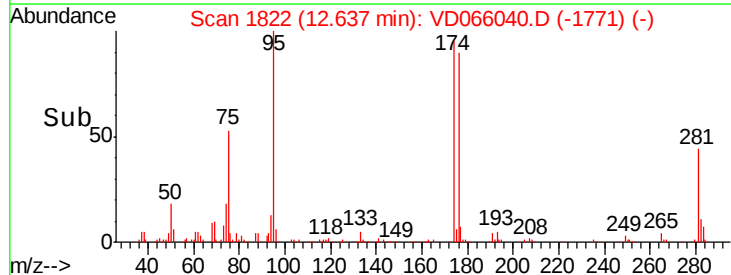
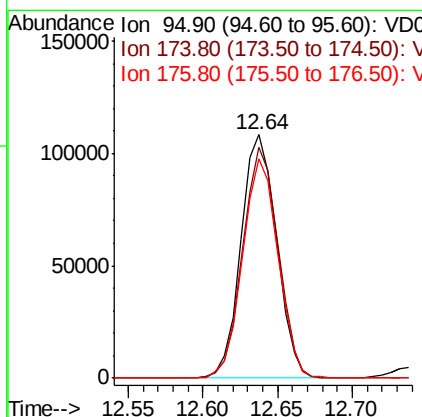
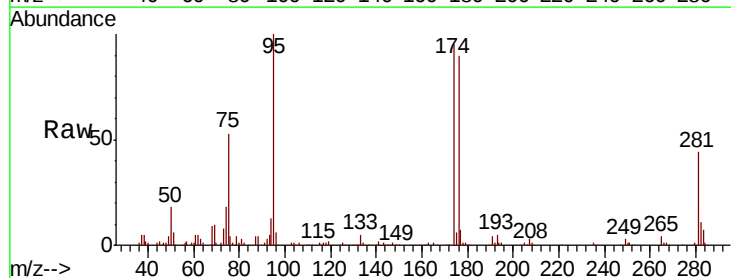
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0724SBS01

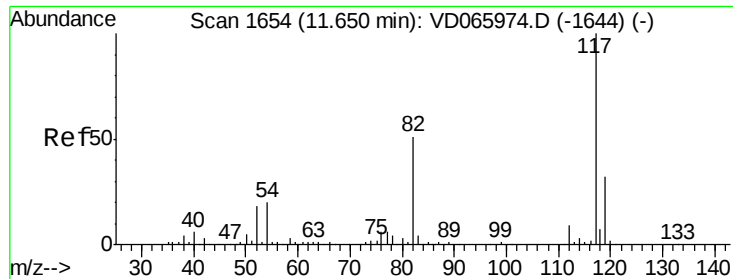
Tot Ion:107 Resp: 44670
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 53.041 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

Tgt Ion: 95 Resp: 178640
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 178.8
 176 89.8 0.0 172.6

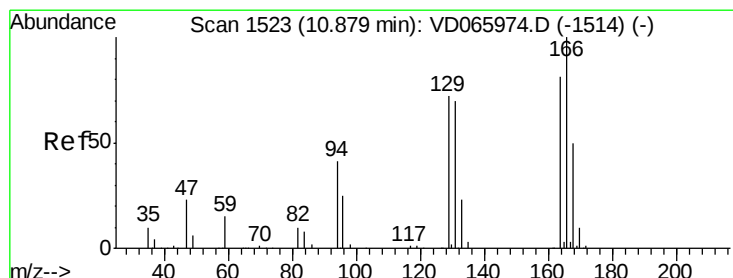
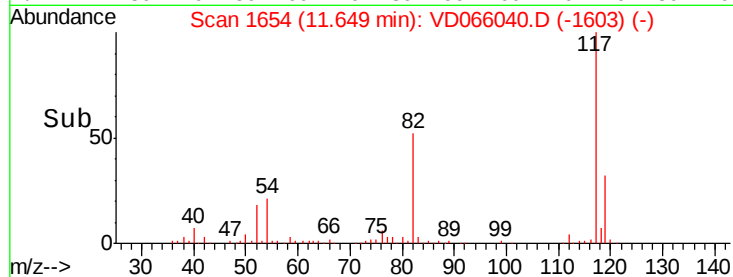
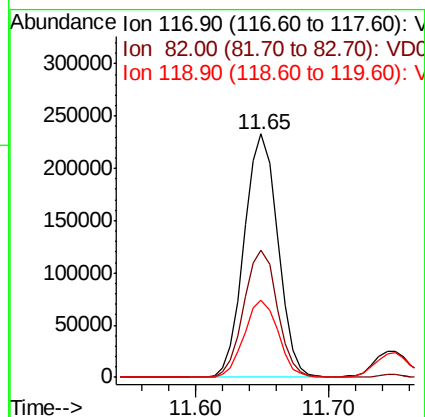
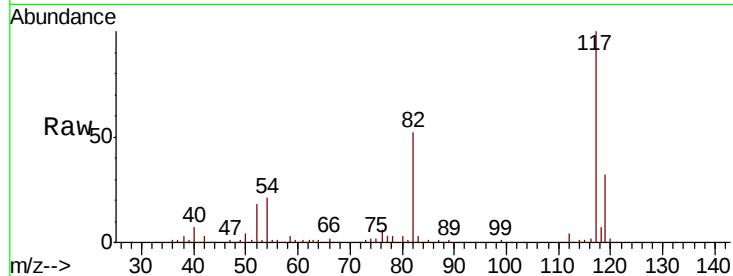




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

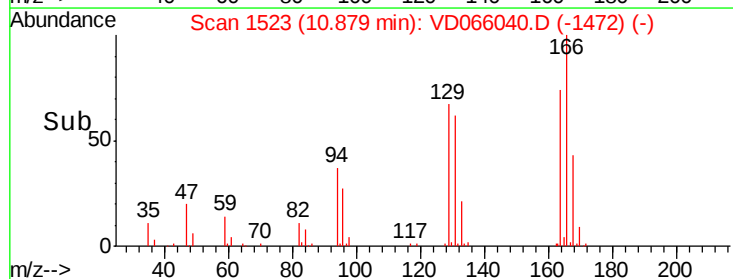
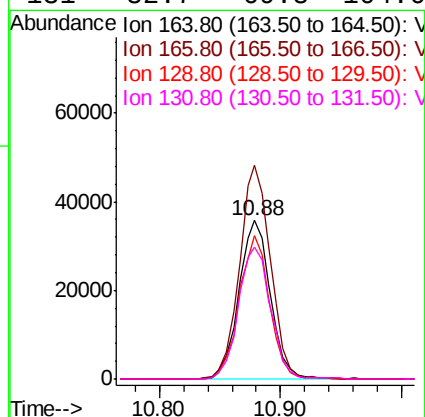
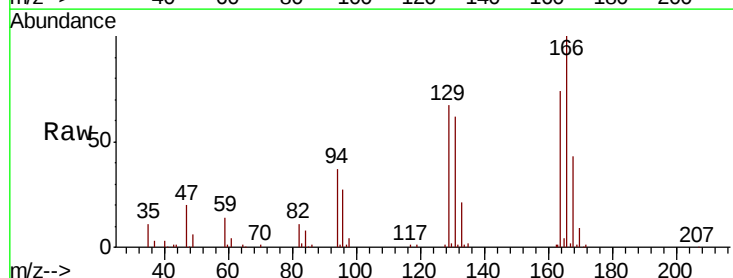
Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

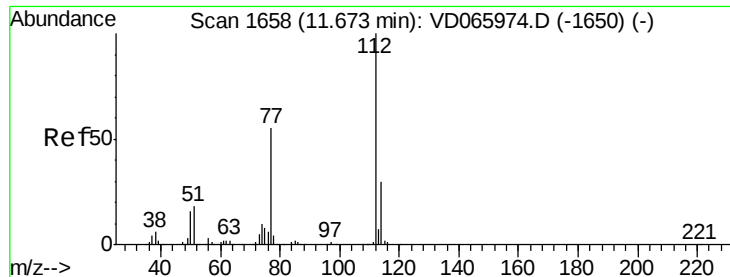
Tot Ion:117 Resp: 405889
Ion Ratio Lower Upper
117 100
82 52.1 41.1 61.7
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 23.530 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion:164 Resp: 64822
Ion Ratio Lower Upper
164 100
166 134.8 99.1 148.7
129 90.6 71.5 107.3
131 82.7 69.8 104.6

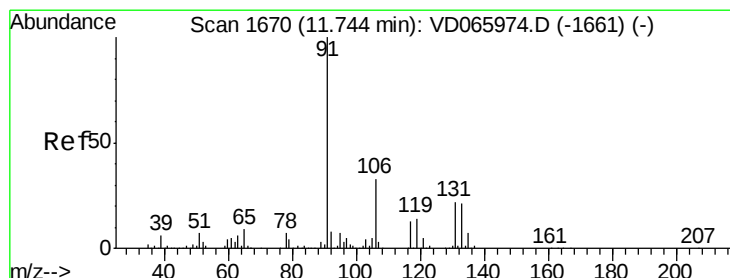
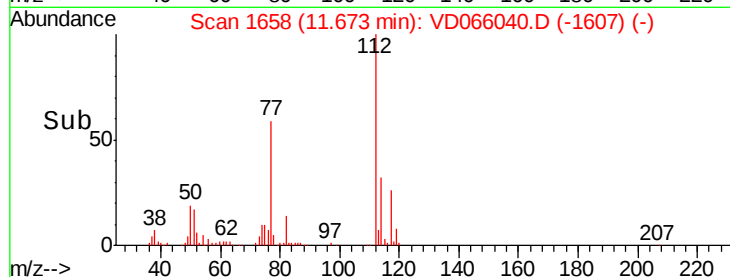
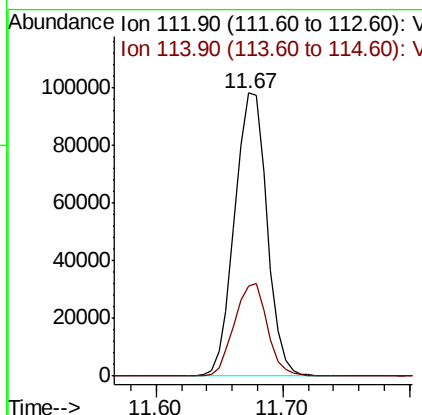
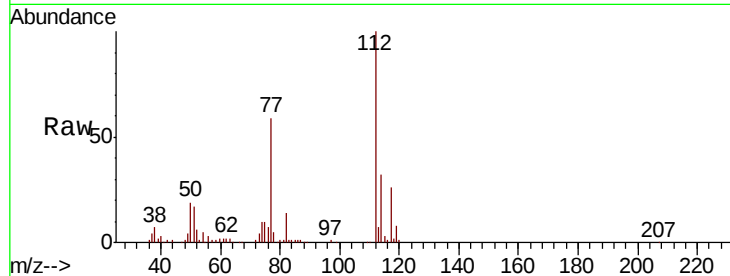




#65
Chlorobenzene
Concen: 23.396 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

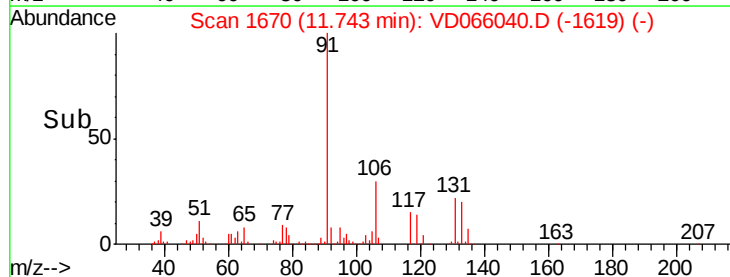
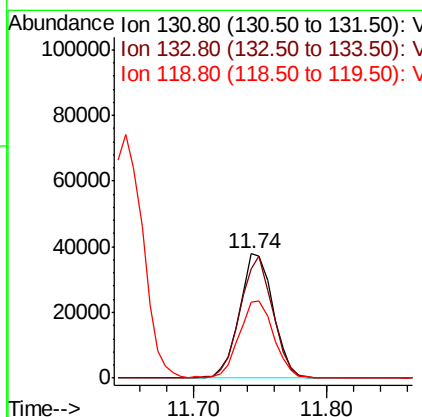
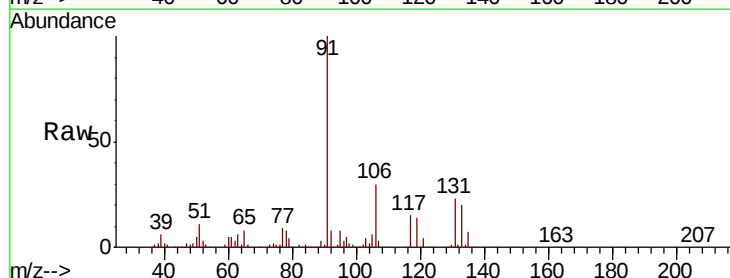
Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

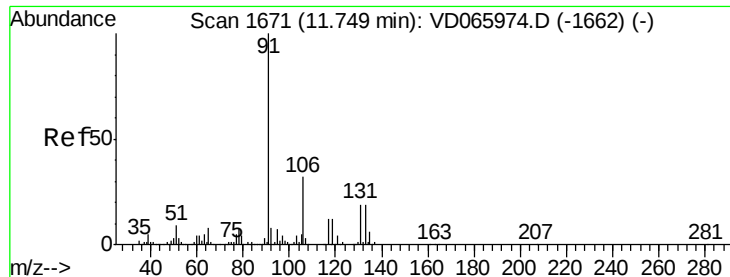
Tot Ion:112 Resp: 173868
Ion Ratio Lower Upper
112 100
114 31.9 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 23.938 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion:131 Resp: 65688
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 63.9 31.7 95.1





#67

Ethyl Benzene

Concen: 23.716 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

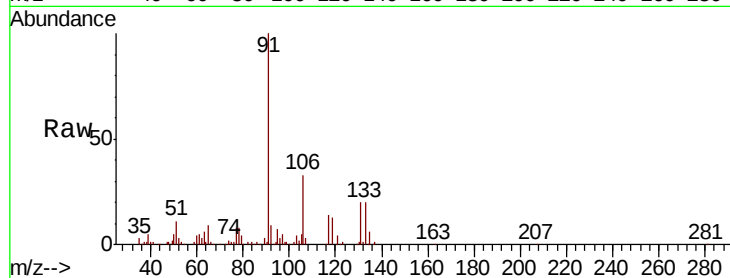
VD0724SBS01

Tot Ion: 91 Resp: 303309

Ion Ratio Lower Upper

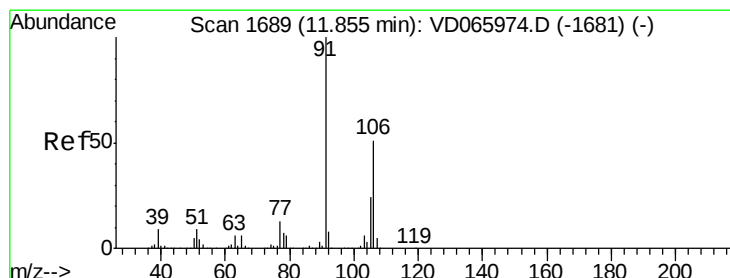
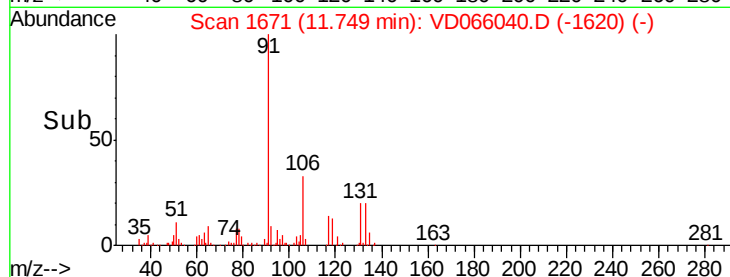
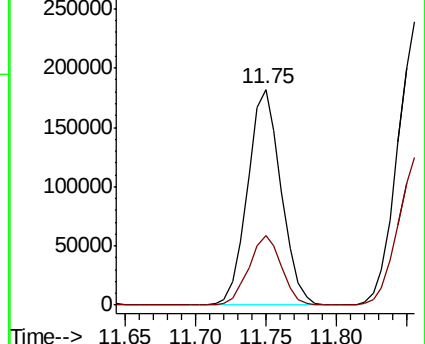
91 100

106 32.5 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 49.200 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066040.D

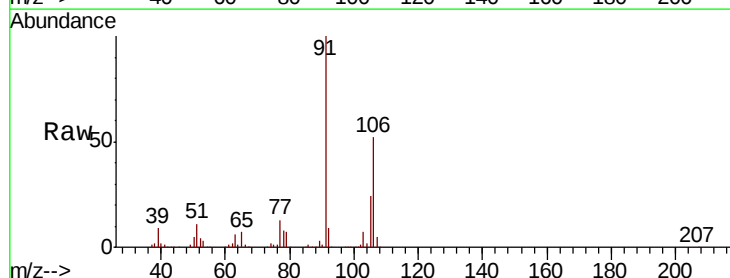
Acq: 24 Jul 2020 12:00

Tgt Ion:106 Resp: 241851

Ion Ratio Lower Upper

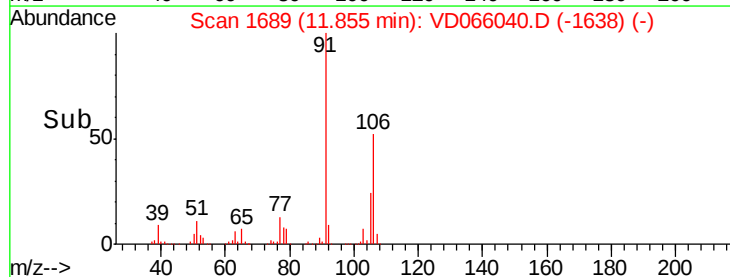
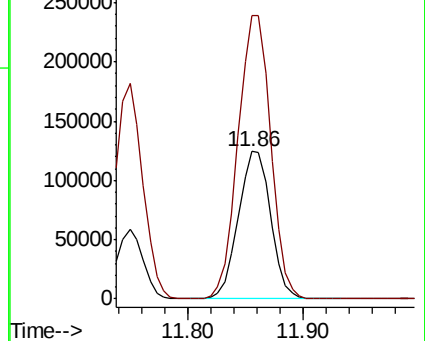
106 100

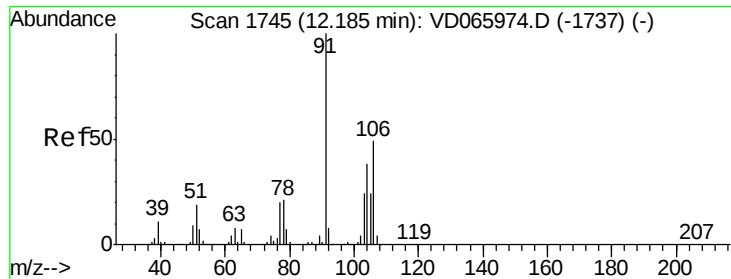
91 193.9 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

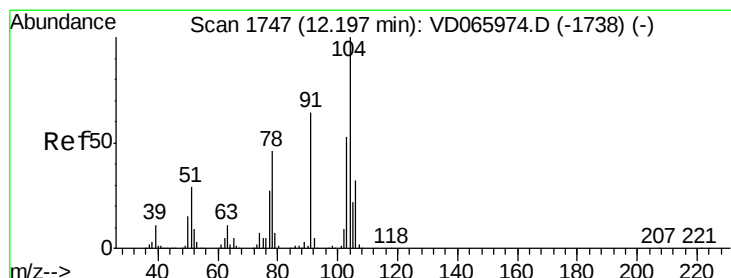
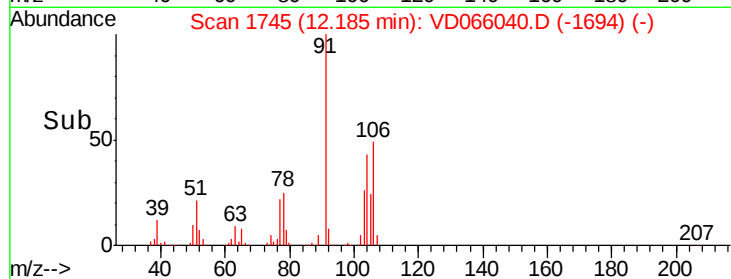
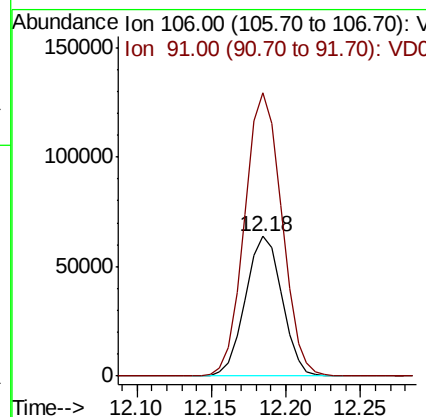
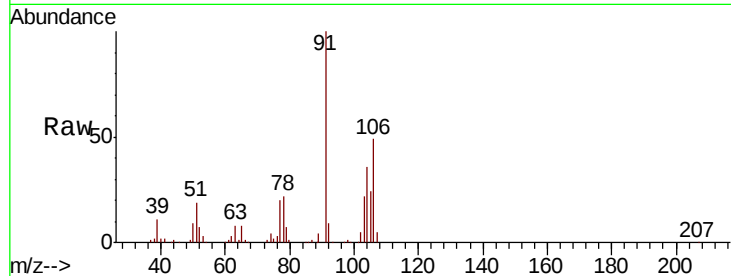




#69
o-Xylene
Concen: 24.205 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

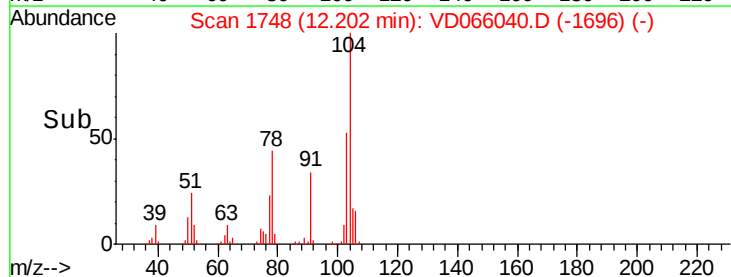
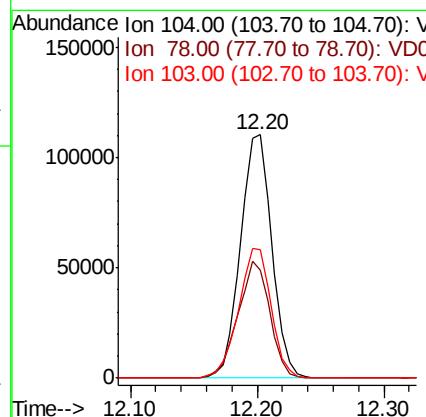
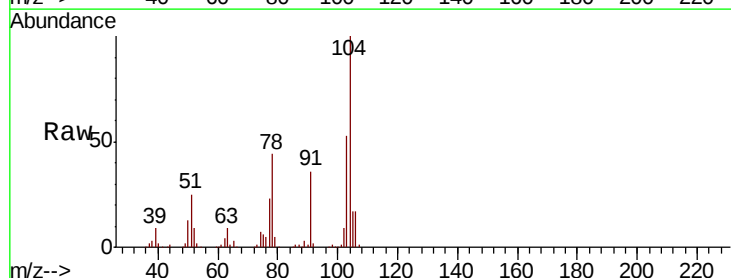
Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

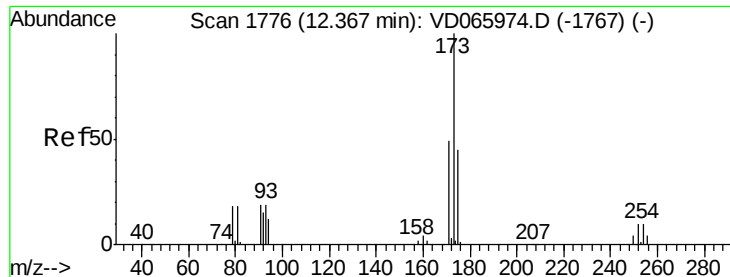
Tot Ion:106 Resp: 108220
Ion Ratio Lower Upper
106 100
91 206.3 103.1 309.3



#70
Styrene
Concen: 24.657 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion:104 Resp: 189412
Ion Ratio Lower Upper
104 100
78 48.8 38.3 57.5
103 55.4 43.8 65.8





#71

Bromoform

Concen: 23.960 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0724SBS01

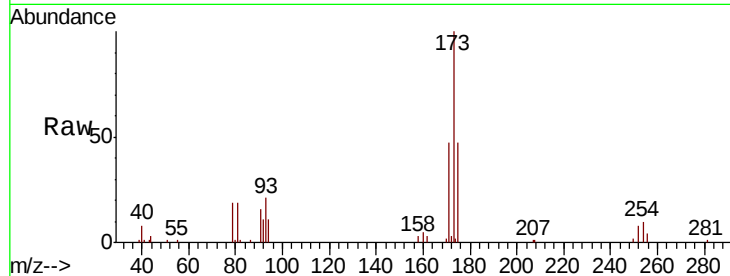
Tot Ion:173 Resp: 38512

Ion Ratio Lower Upper

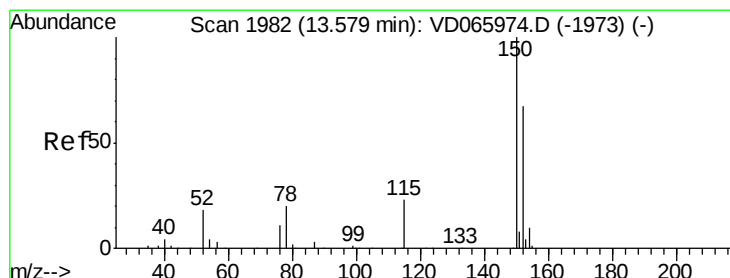
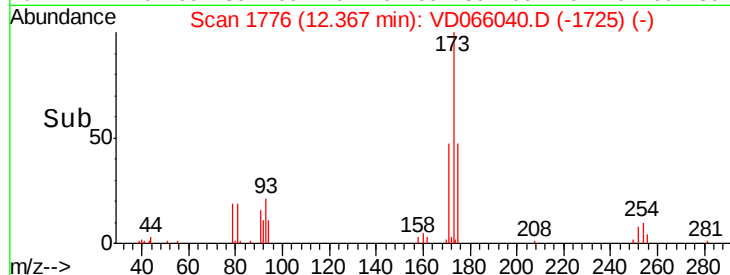
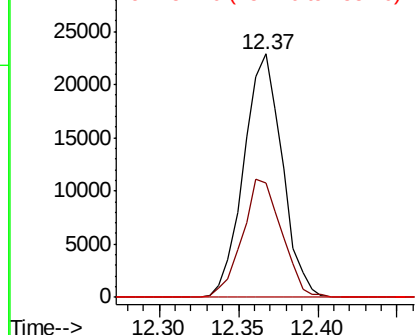
173 100

175 49.6 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# 1982

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

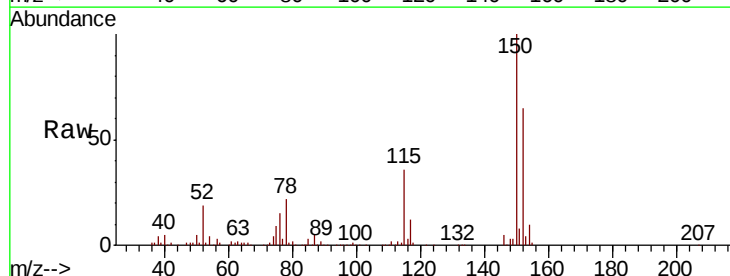
Tgt Ion:152 Resp: 216727

Ion Ratio Lower Upper

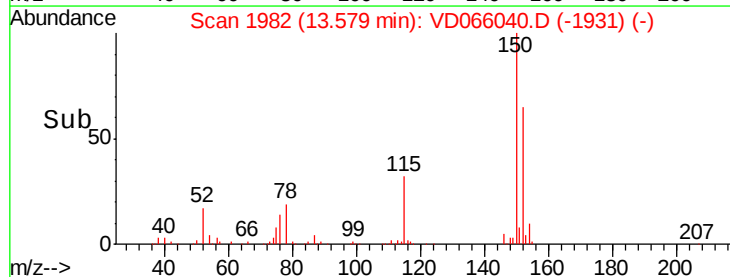
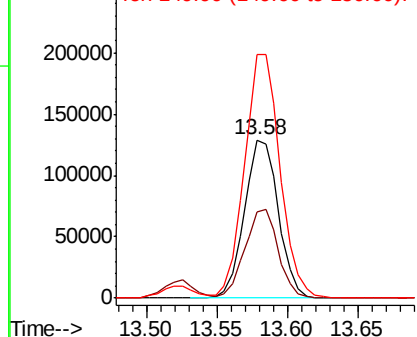
152 100

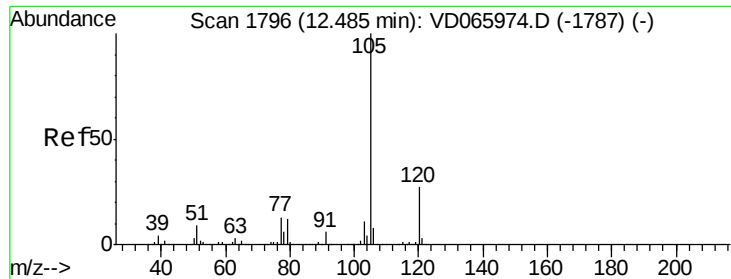
115 55.4 27.9 83.7

150 161.7 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

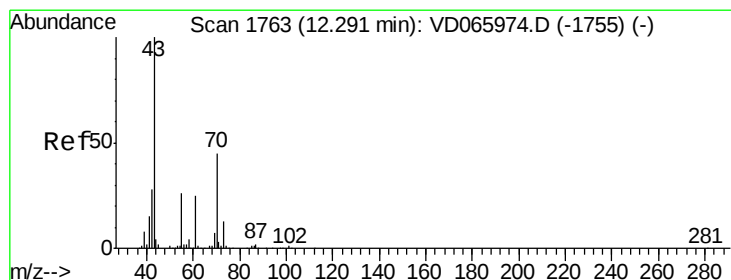
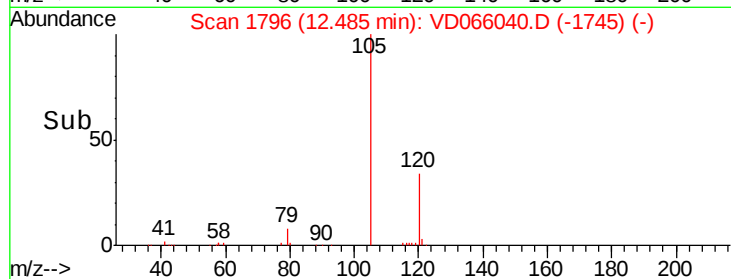
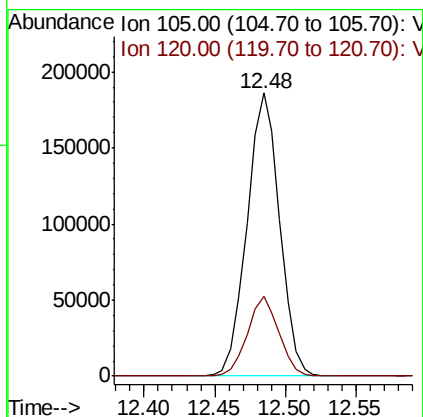
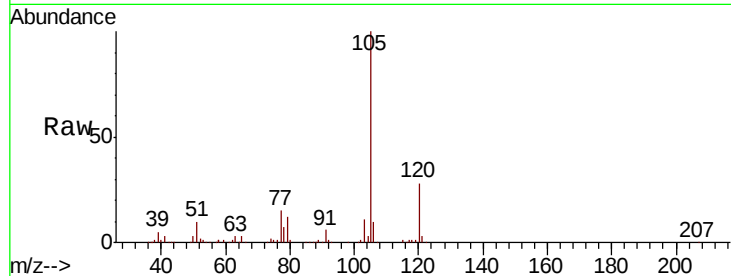




#73
Isopropylbenzene
Concen: 22.968 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

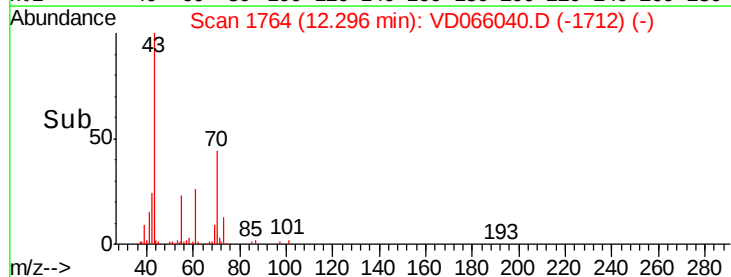
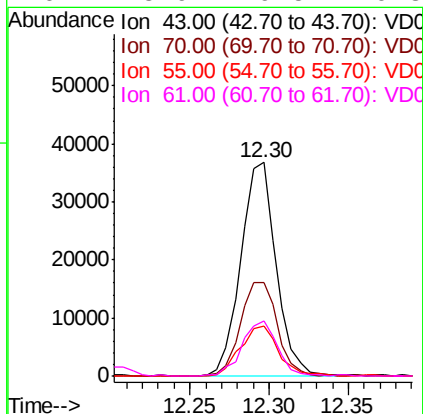
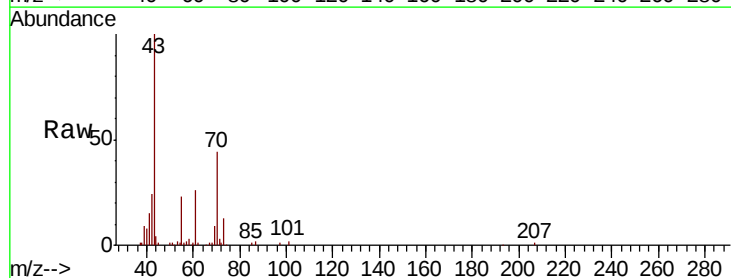
Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

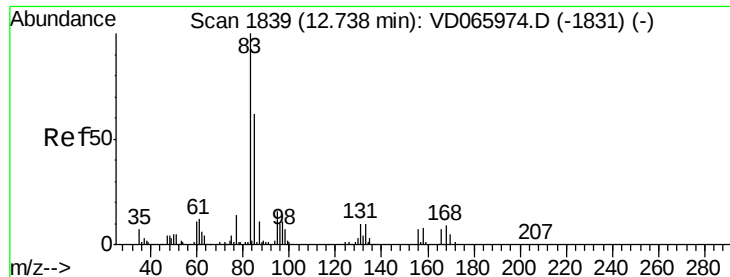
Tot Ion:105 Resp: 301204
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8



#74
N-ethyl acetate
Concen: 20.942 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion: 43 Resp: 56944
Ion Ratio Lower Upper
43 100
70 45.5 34.6 51.8
55 25.3 20.3 30.5
61 25.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.062 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0724SBS01

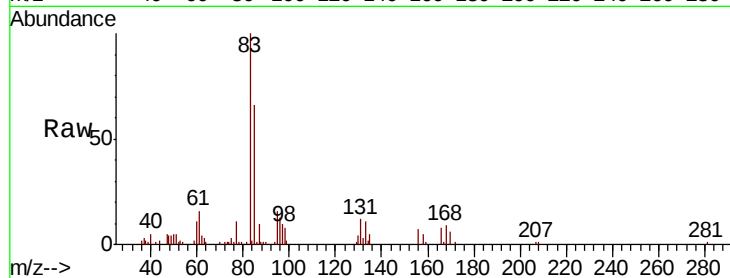
Tot Ion: 83 Resp: 47815

Ion Ratio Lower Upper

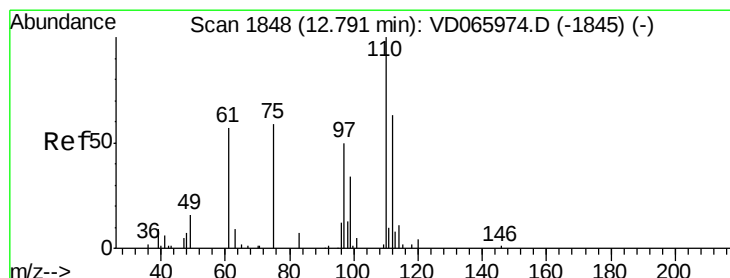
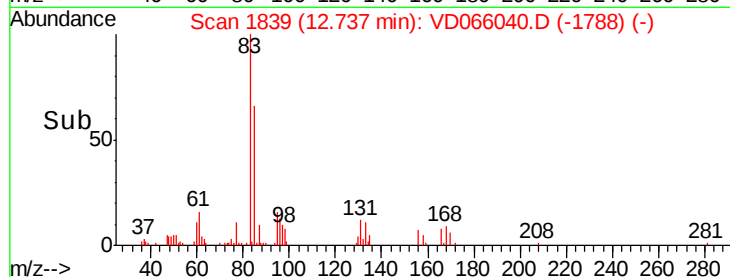
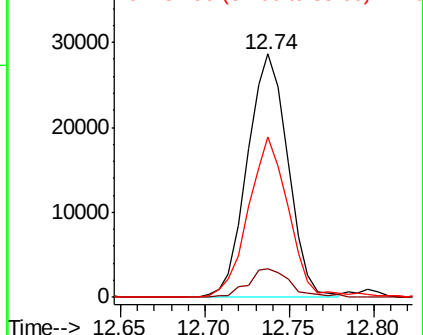
83 100

131 12.3 5.7 17.1

85 65.0 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: 38.094 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD066040.D

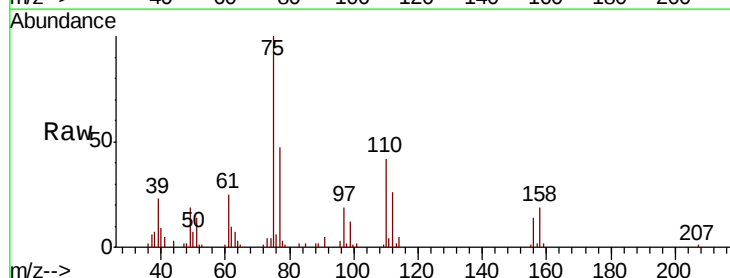
Acq: 24 Jul 2020 12:00

Tgt Ion: 75 Resp: 62164

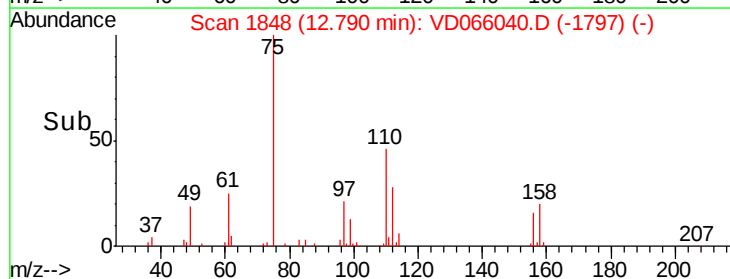
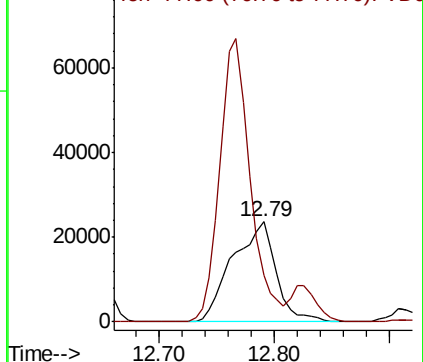
Ion Ratio Lower Upper

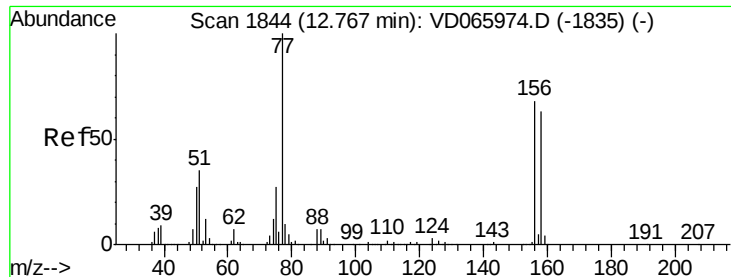
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 23.172 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0724SBS01

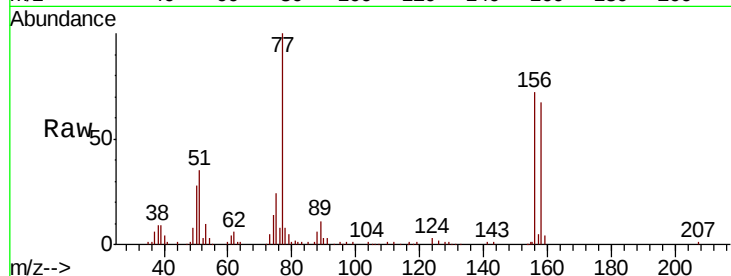
Tot Ion:156 Resp: 77662

Ion Ratio Lower Upper

156 100

77 158.3 83.0 249.0

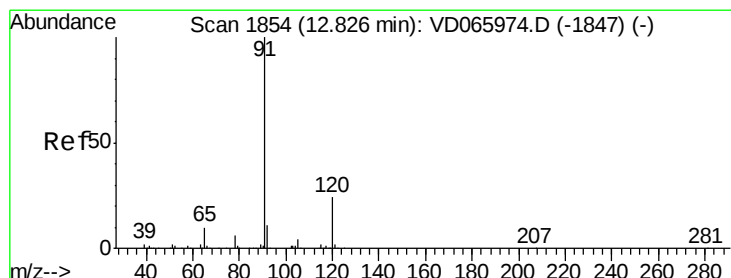
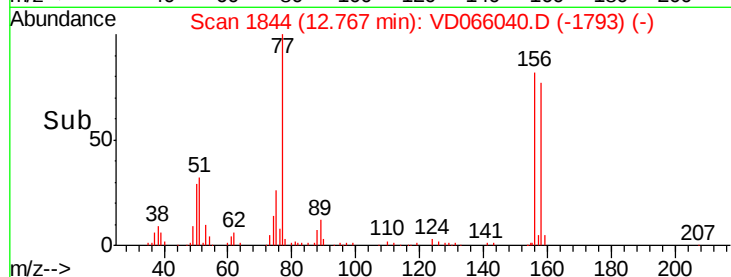
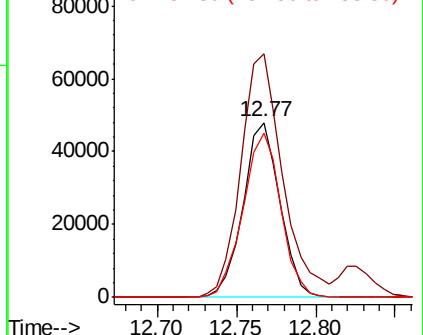
158 96.3 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.745 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066040.D

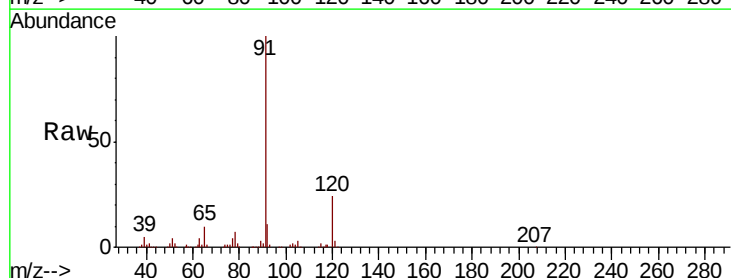
Acq: 24 Jul 2020 12:00

Tgt Ion: 91 Resp: 346132

Ion Ratio Lower Upper

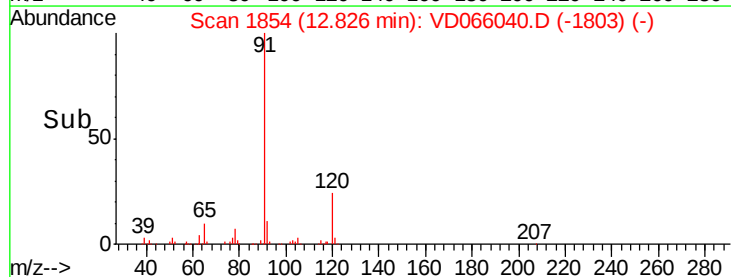
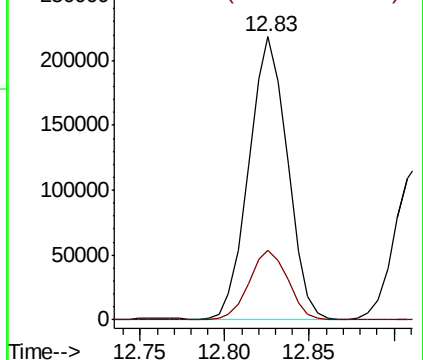
91 100

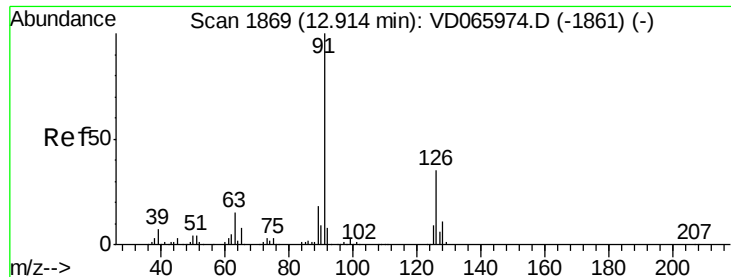
120 24.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.096 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

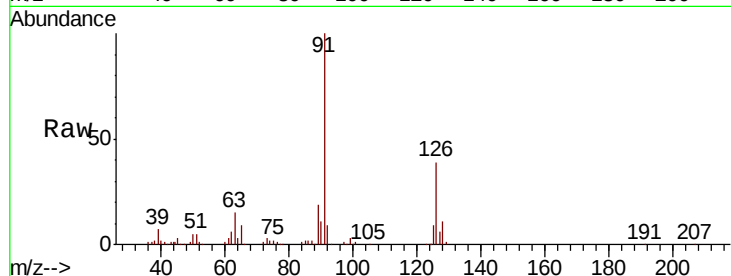
VD0724SBS01

Tot Ion: 91 Resp: 200797

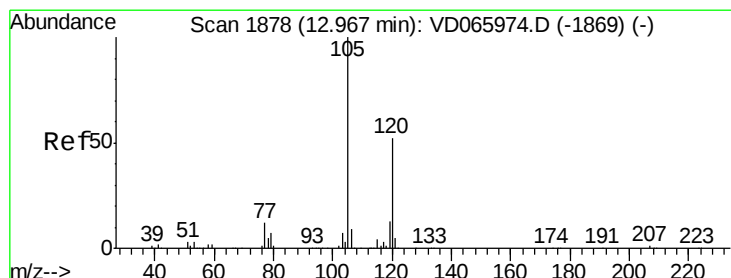
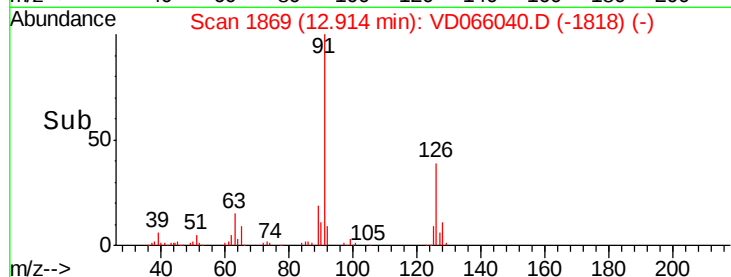
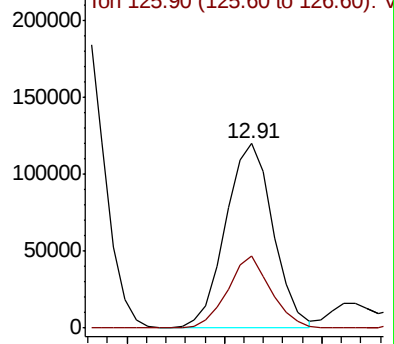
Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 23.521 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD066040.D

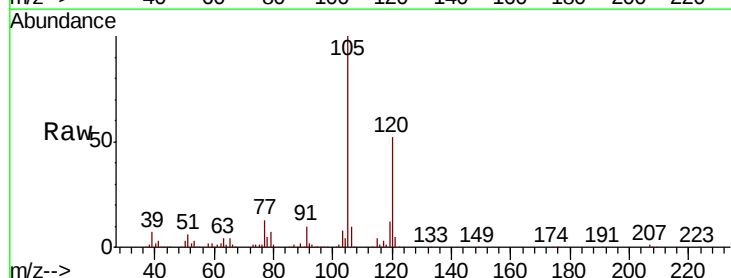
Acq: 24 Jul 2020 12:00

Tgt Ion:105 Resp: 253419

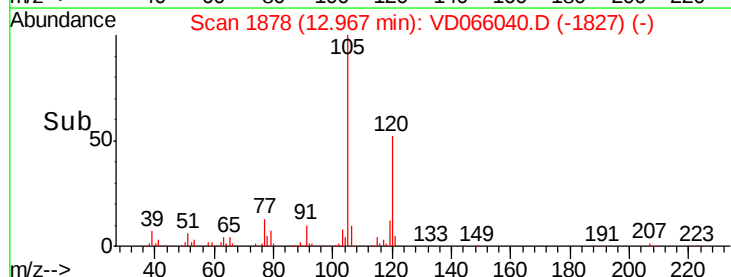
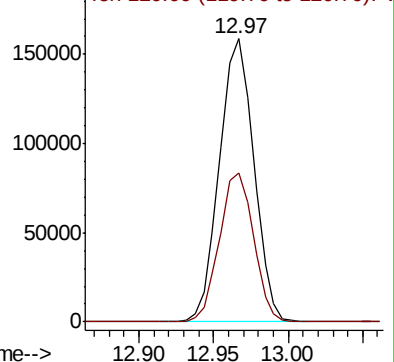
Ion Ratio Lower Upper

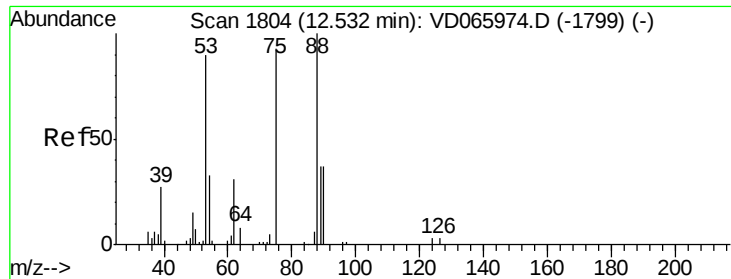
105 100

120 52.3 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.615 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0724SBS01

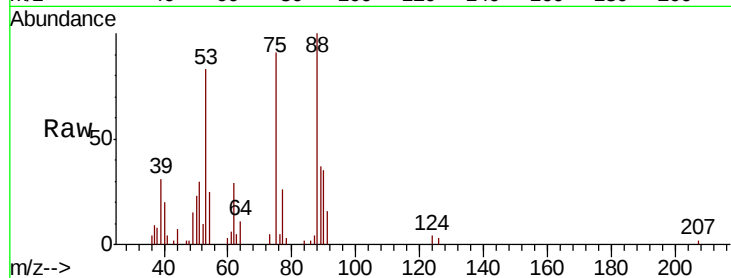
Tot Ion: 75 Resp: 16083

Ion Ratio Lower Upper

75 100

53 94.6 76.8 115.2

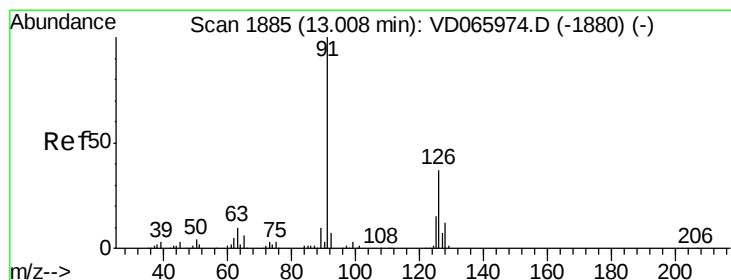
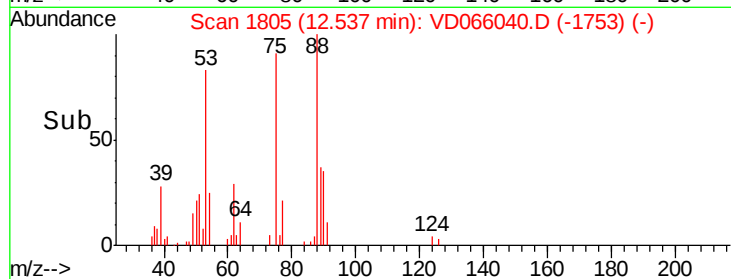
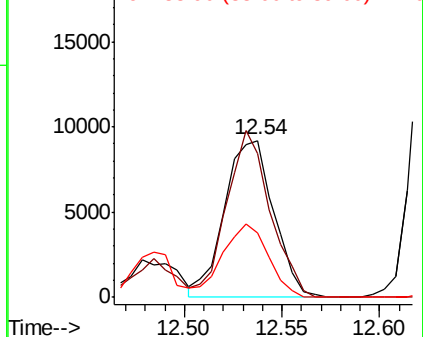
89 43.5 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 23.097 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066040.D

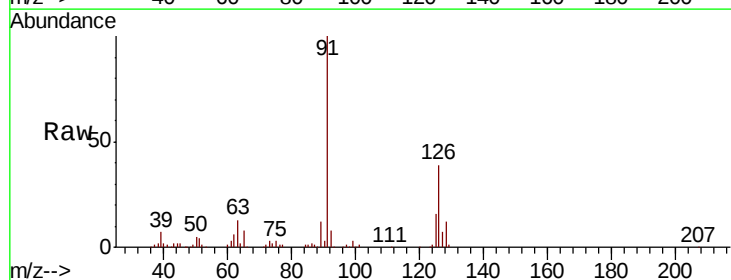
Acq: 24 Jul 2020 12:00

Tgt Ion: 91 Resp: 211955

Ion Ratio Lower Upper

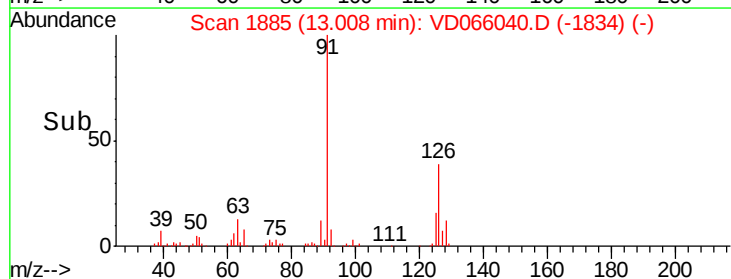
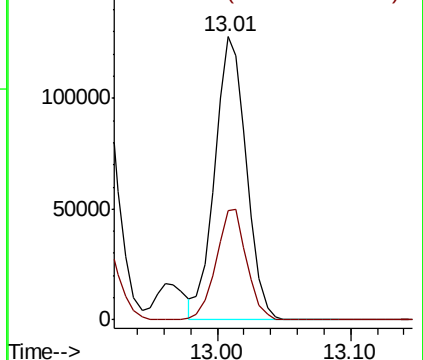
91 100

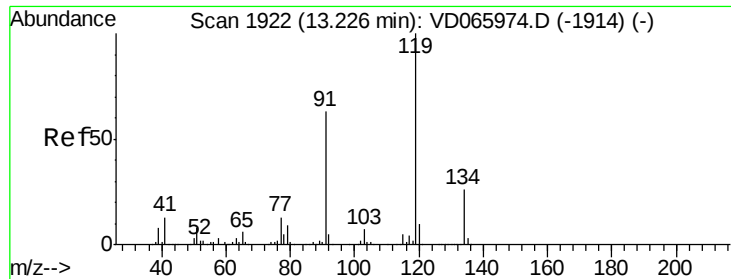
126 37.9 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

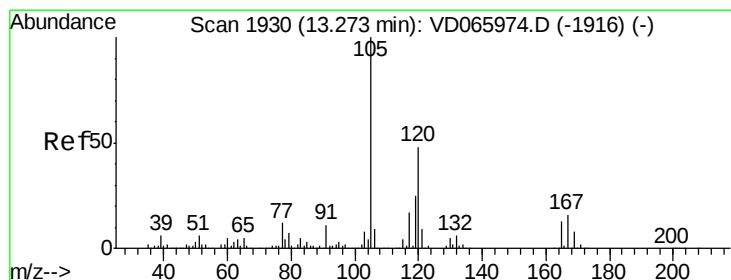
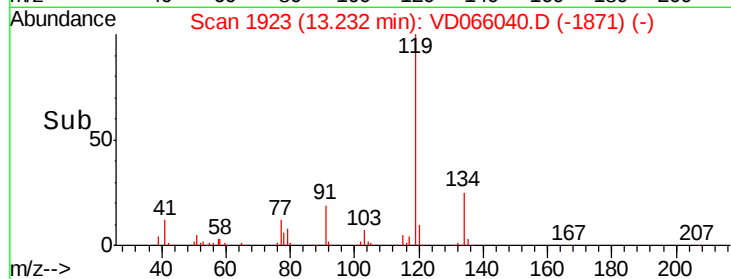
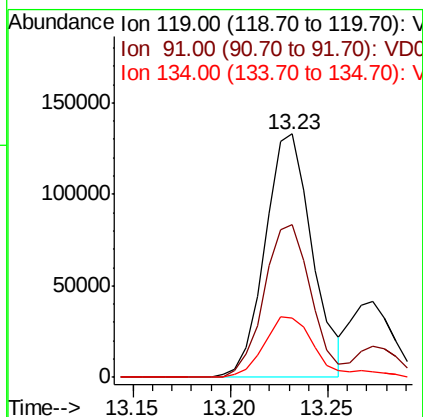
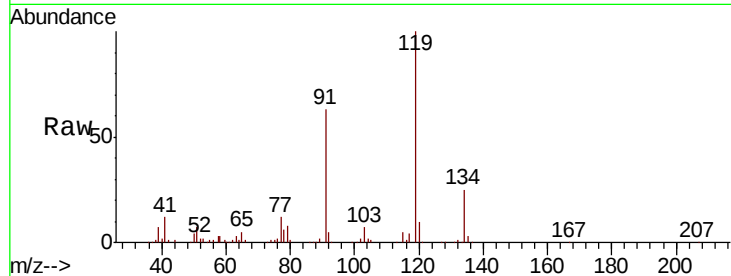




#83
tert-Butylbenzene
Concen: 23.652 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

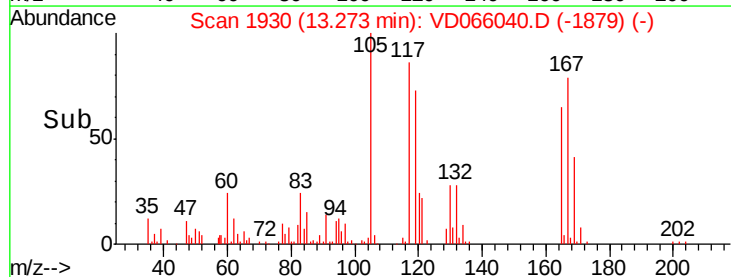
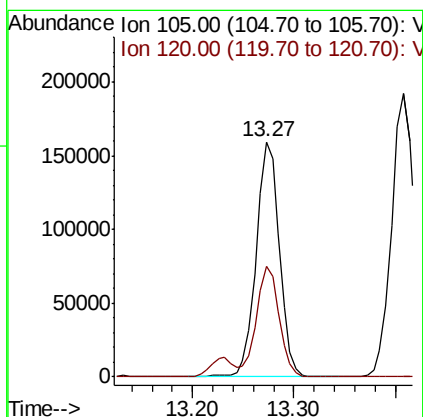
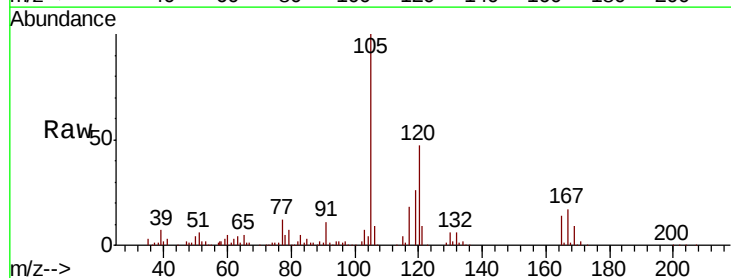
Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

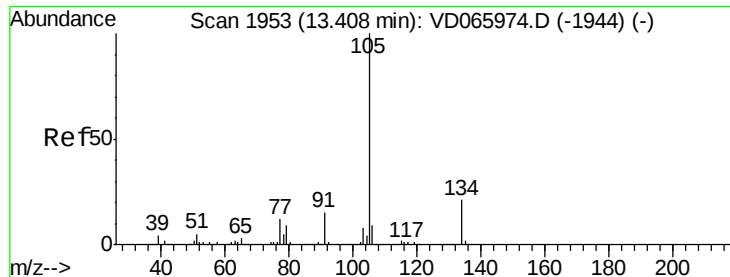
Tot Ion:119 Resp: 222993
Ion Ratio Lower Upper
119 100
91 62.1 30.6 91.6
134 27.6 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 23.890 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion:105 Resp: 253946
Ion Ratio Lower Upper
105 100
120 46.5 23.9 71.8

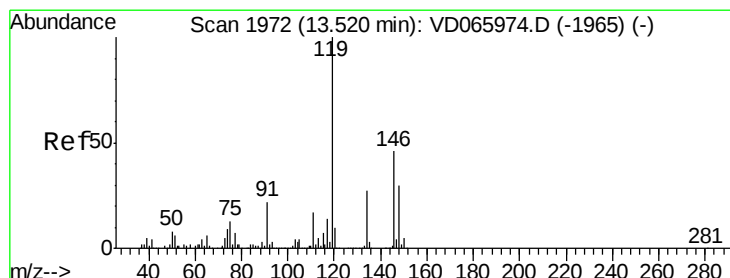
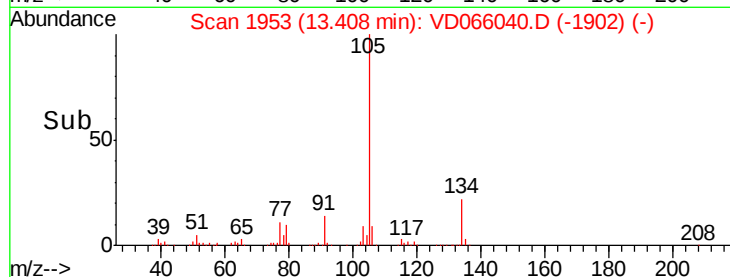
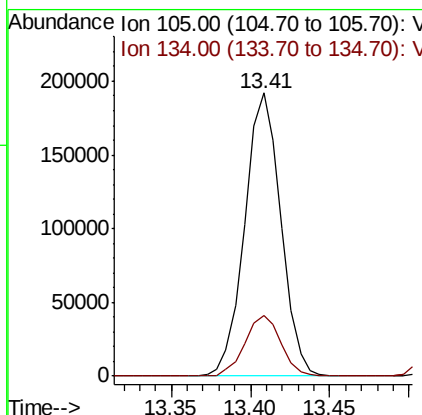
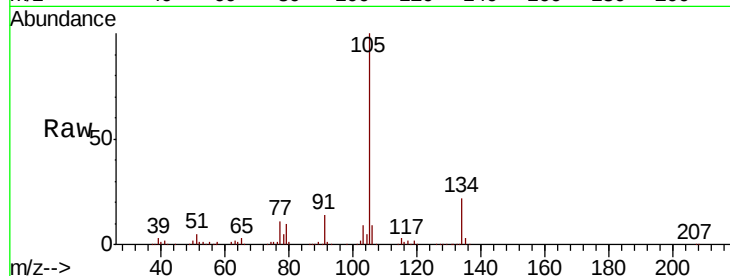




#85
 sec-Butylbenzene
 Concen: 23.385 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

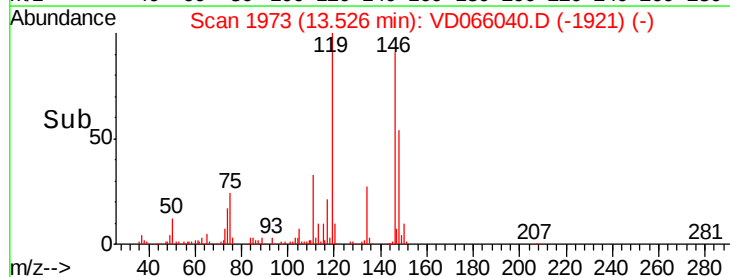
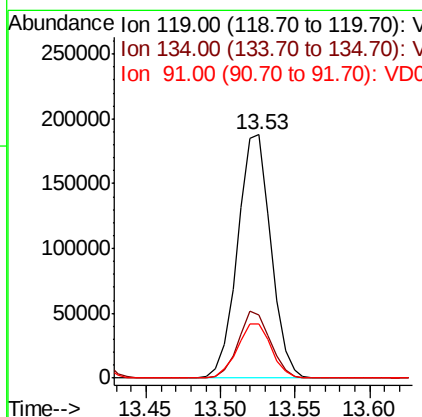
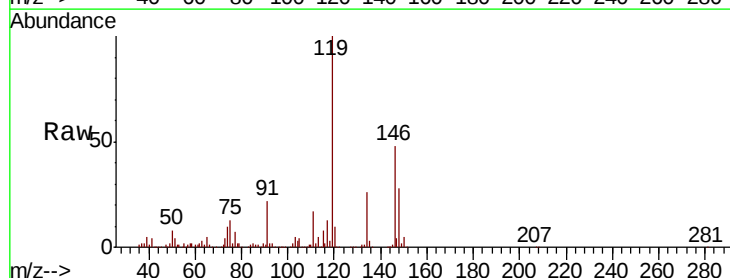
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0724SBS01

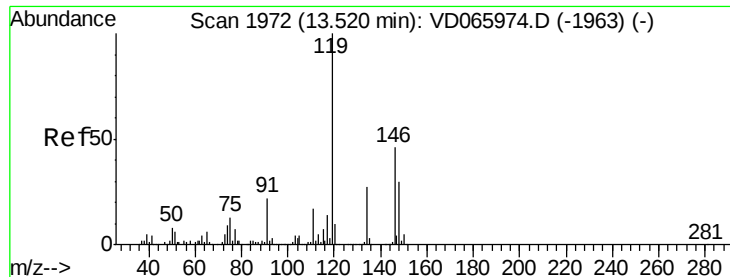
Tot Ion:105 Resp: 303688
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 24.615 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

Tgt Ion:119 Resp: 290403
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 22.9 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 24.419 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0724SBS01

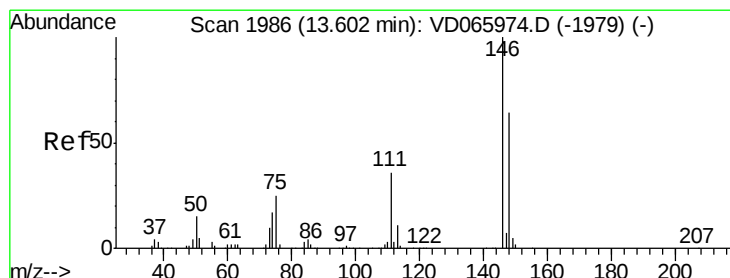
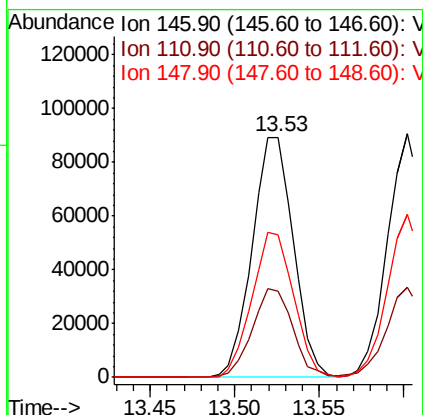
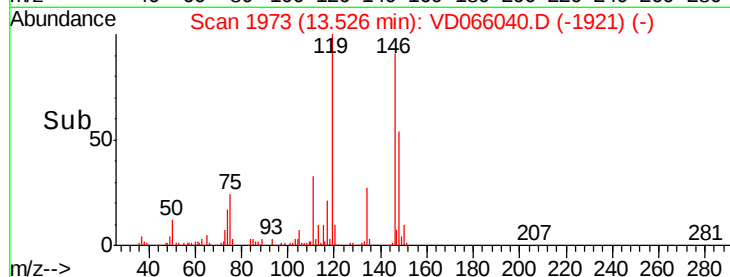
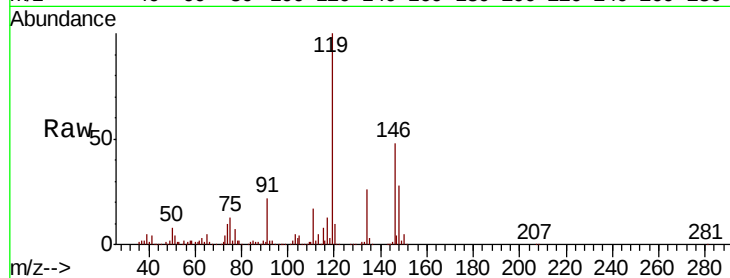
Tot Ion:146 Resp: 151948

Ion Ratio Lower Upper

146 100

111 36.5 18.6 55.6

148 60.9 32.4 97.0



#88

1,4-Dichlorobenzene

Concen: 23.086 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

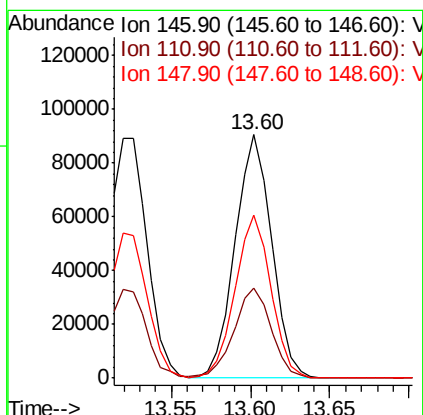
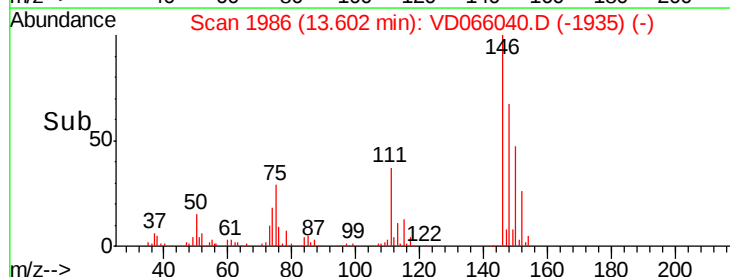
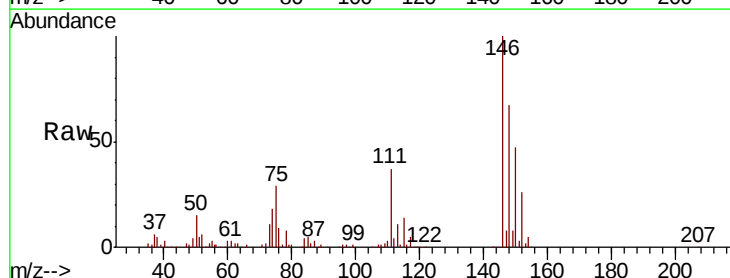
Tgt Ion:146 Resp: 145224

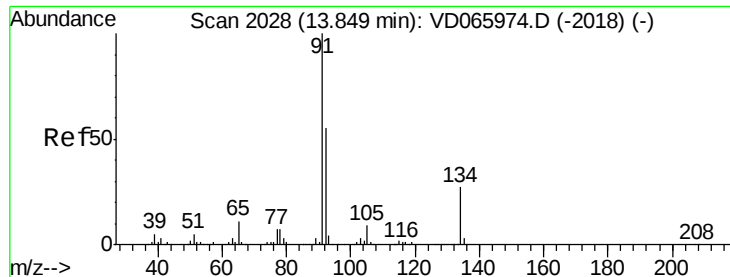
Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

148 65.7 32.2 96.6

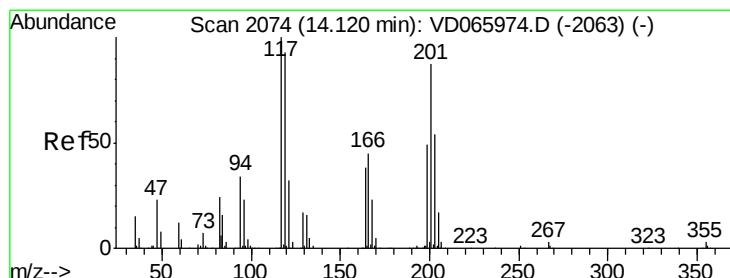
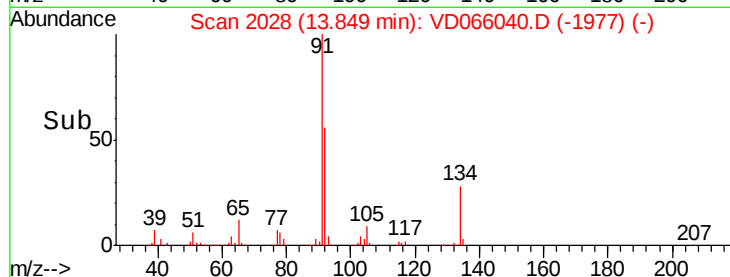
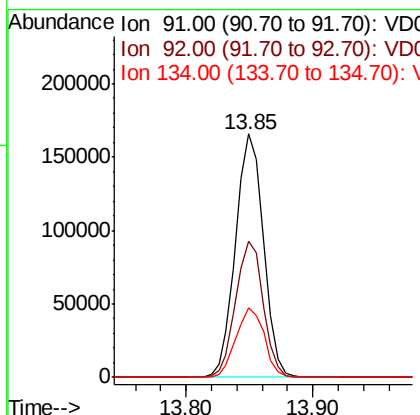
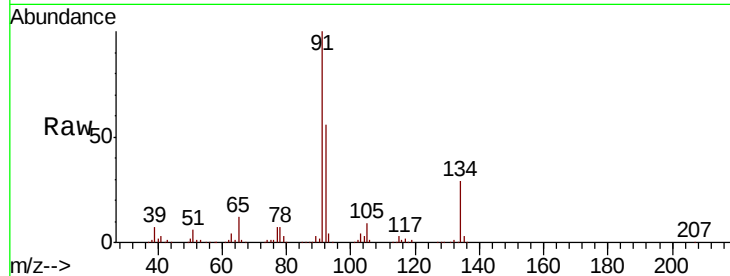




#89
n-Butylbenzene
Concen: 23.012 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

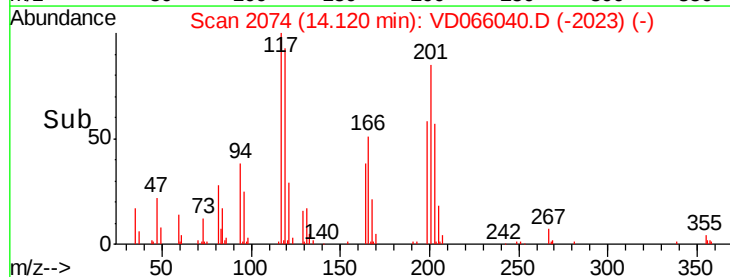
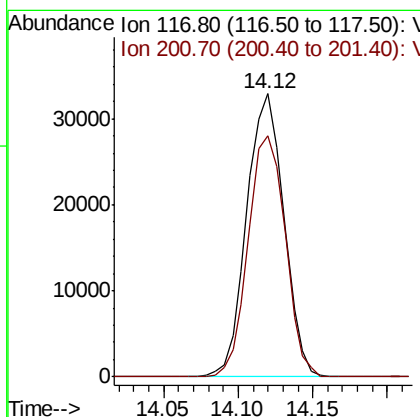
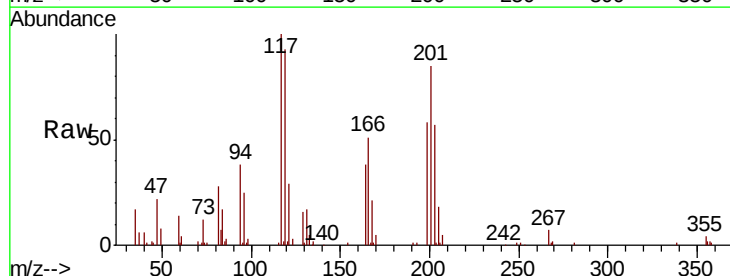
Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

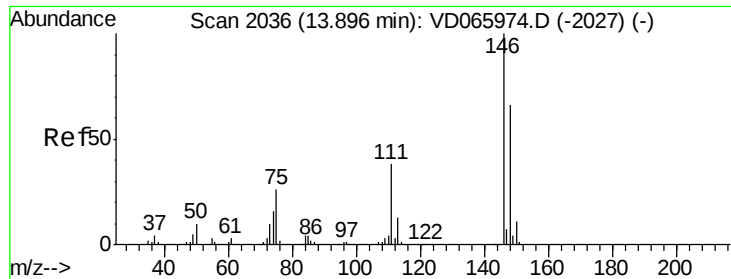
Tot Ion: 91 Resp: 252442
Ion Ratio Lower Upper
91 100
92 55.0 27.2 81.6
134 28.7 13.8 41.4



#90
Hexachloroethane
Concen: 23.204 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion: 117 Resp: 56673
Ion Ratio Lower Upper
117 100
201 85.0 42.0 126.1

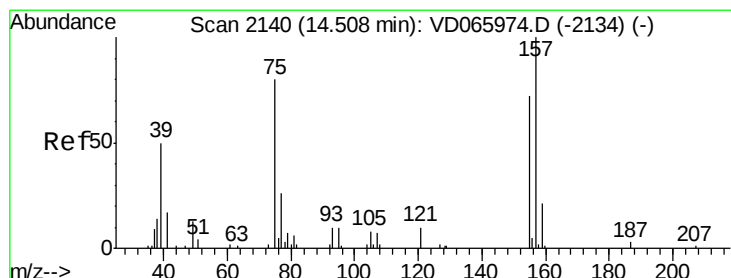
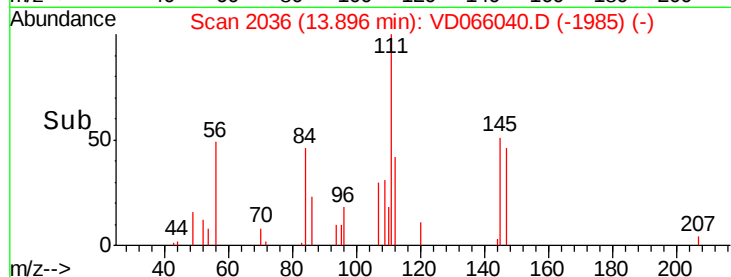
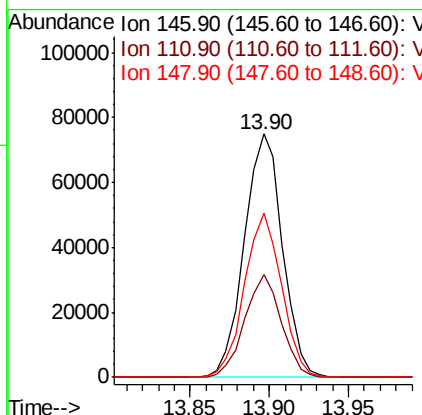
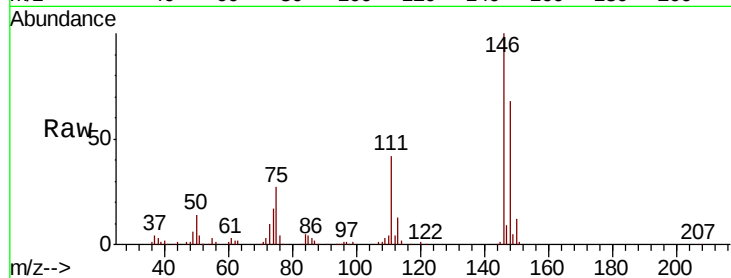




#91
 1,2-Dichlorobenzene
 Concen: 23.218 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

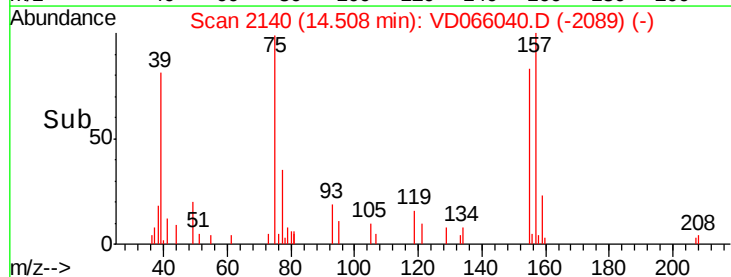
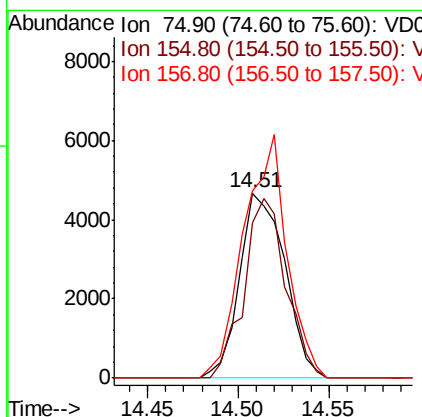
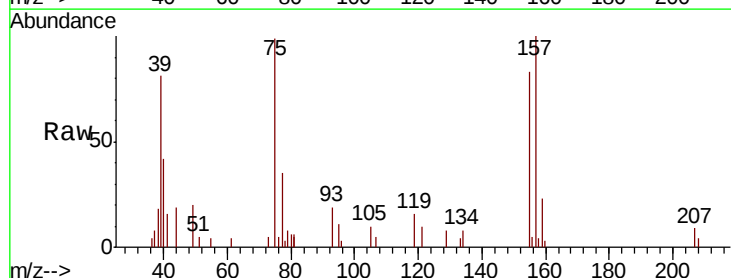
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0724SBS01

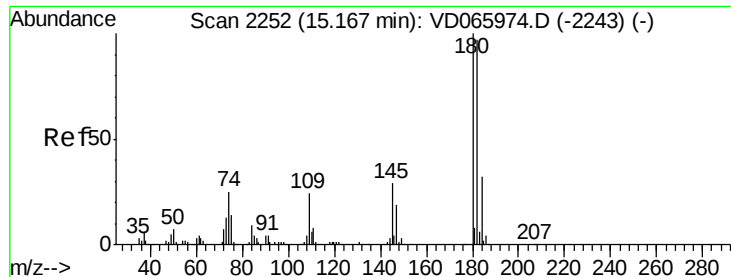
Tot Ion:146 Resp: 125190
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.3 57.9
 148 65.8 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.827 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

Tgt Ion: 75 Resp: 8108
 Ion Ratio Lower Upper
 75 100
 155 89.7 48.5 145.5
 157 125.4 64.7 194.1

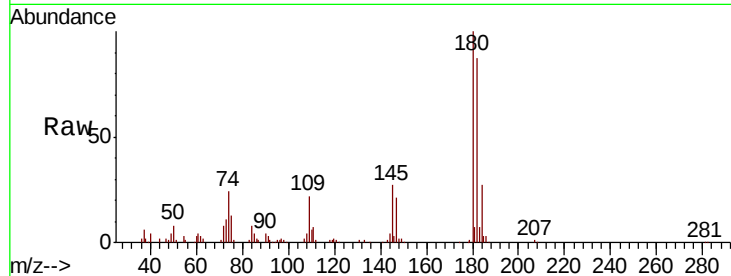




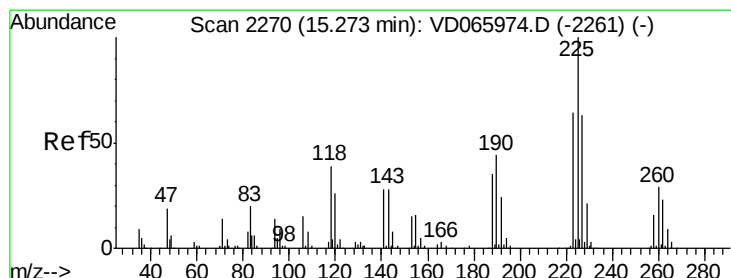
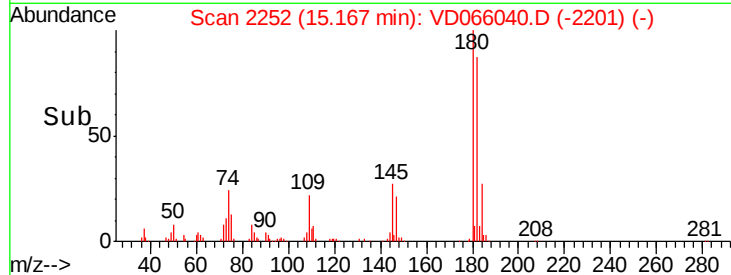
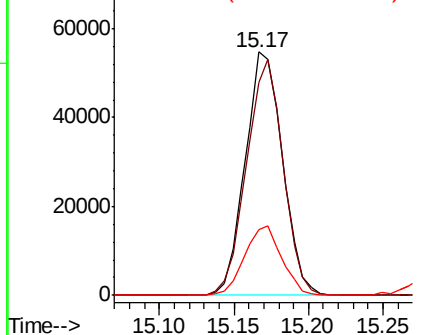
#93
 1,2,4-Trichlorobenzene
 Concen: 24.477 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0724SBS01

Tot Ion:180 Resp: 94732
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.1 144.3
 145 28.2 14.7 44.1

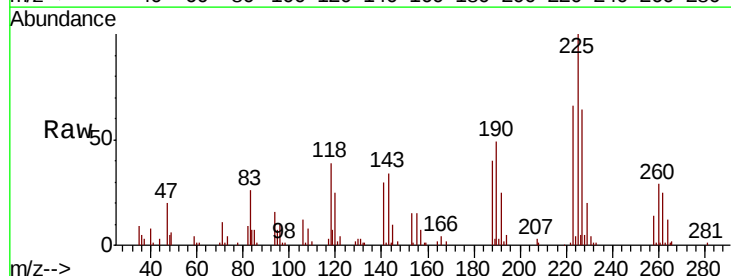


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

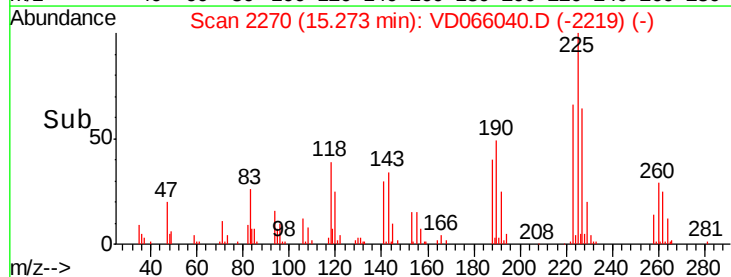
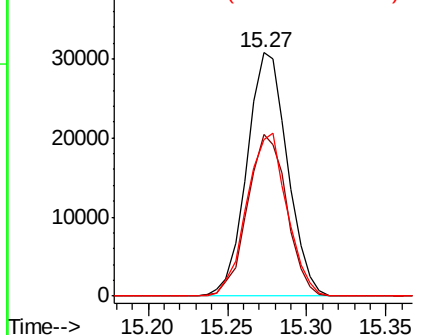


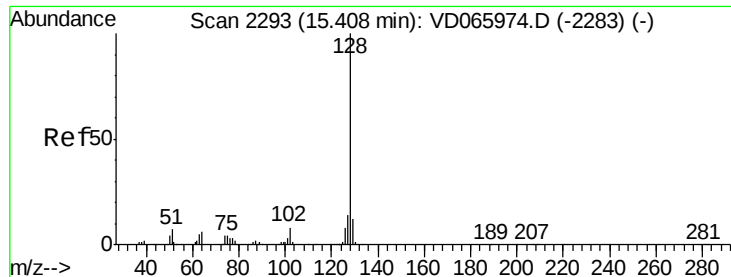
#94
 Hexachlorobutadiene
 Concen: 22.859 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066040.D
 Acq: 24 Jul 2020 12:00

Tgt Ion:225 Resp: 54696
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.2 93.6
 227 66.7 31.6 94.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

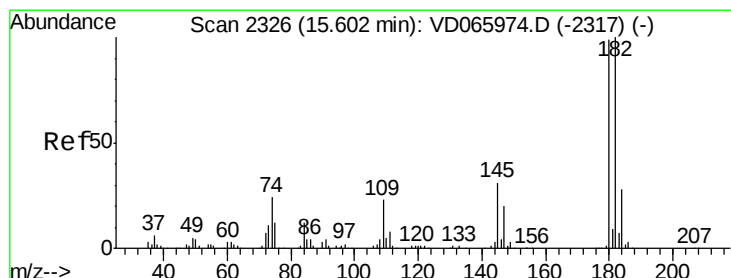
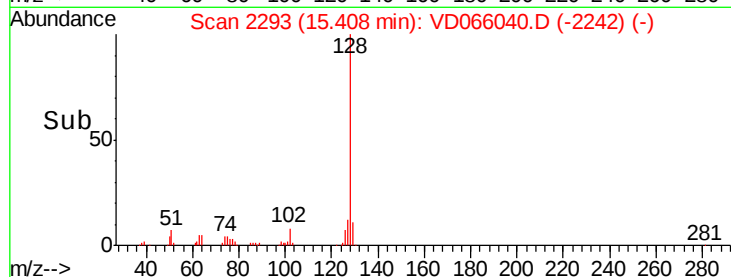
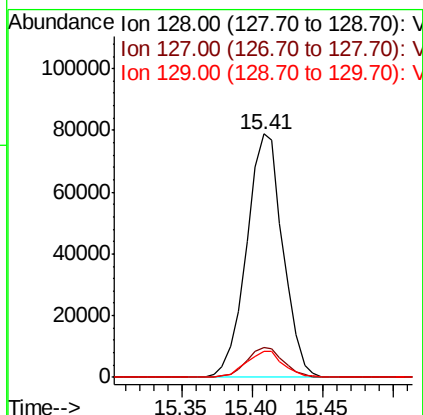
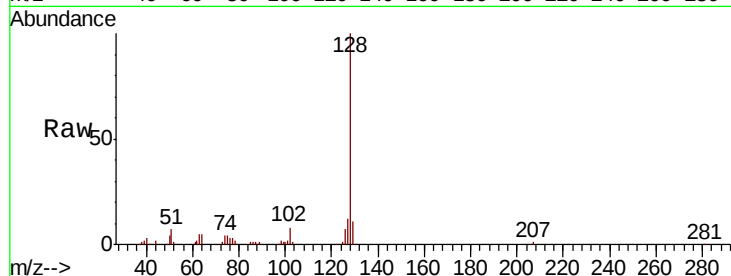




#95
Naphthalene
Concen: 22.753 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Instrument :
MSVOA_D
ClientSampleId :
VD0724SBS01

Tot Ion:128 Resp: 142281
Ion Ratio Lower Upper
128 100
127 12.4 10.8 16.2
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 23.865 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066040.D
Acq: 24 Jul 2020 12:00

Tgt Ion:180 Resp: 80297
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.6
145 30.8 15.4 46.2

