

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072820\
 Data File : VD066074.D
 Acq On : 28 Jul 2020 12:22
 Operator : VA/SY
 Sample : VD0728SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 29 01:31:16 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	261000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	364556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	346221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	191826	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	110781	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
35) Dibromofluoromethane	7.91	113	116796	52.82	ug/l	-0.01
Spiked Amount			Recovery	=	105.64%	
50) Toluene-d8	10.34	98	434570	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.64	95	154974	54.26	ug/l	0.00
Spiked Amount			Recovery	=	108.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	42507	21.460	ug/l	96
3) Chloromethane	2.21	50	33815	20.920	ug/l	99
4) Vinyl Chloride	2.35	62	30993	20.135	ug/l	98
5) Bromomethane	2.76	94	22462	17.487	ug/l	99
6) Chloroethane	2.92	64	19367	21.077	ug/l	96
7) Trichlorofluoromethane	3.27	101	82404	22.009	ug/l	96
8) Diethyl Ether	3.71	74	19026	18.384	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	46214	20.442	ug/l	93
10) Methyl Iodide	4.30	142	48201	26.199	ug/l	97
11) Tert butyl alcohol	5.20	59	10637	58.872	ug/l #	88
12) 1,1-Dichloroethene	4.06	96	43666	20.235	ug/l	93
13) Acrolein	3.93	56	13154	73.515	ug/l	100
14) Allyl chloride	4.71	41	61330	18.181	ug/l	89
15) Acrylonitrile	5.41	53	39991	90.450	ug/l	98
16) Acetone	4.15	43	37693	87.684	ug/l	89
17) Carbon Disulfide	4.40	76	133049	19.007	ug/l	99
18) Methyl Acetate	4.71	43	17518	17.518	ug/l	93
19) Methyl tert-butyl Ether	5.47	73	89877	20.271	ug/l	98
20) Methylene Chloride	4.97	84	58119	22.841	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	48767	19.995	ug/l	97
22) Diisopropyl ether	6.36	45	123705	19.303	ug/l	99
23) Vinyl Acetate	6.30	43	336311	93.050	ug/l	97
24) 1,1-Dichloroethane	6.26	63	79726	20.532	ug/l	96
25) 2-Butanone	7.21	43	49107	86.091	ug/l #	87
26) 2,2-Dichloropropane	7.21	77	77748	22.265	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	52575	20.360	ug/l	96
28) Bromochloromethane	7.54	49	31897	19.354	ug/l	92
29) Tetrahydrofuran	7.56	42	31396	89.208	ug/l	96
30) Chloroform	7.71	83	86150	21.210	ug/l	98
31) Cyclohexane	7.98	56	73864	19.335	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	80834	21.514	ug/l	99
36) 1,1-Dichloropropene	8.11	75	69328	22.283	ug/l	98
37) Ethyl Acetate	7.28	43	24088	20.272	ug/l #	92
38) Carbon Tetrachloride	8.10	117	79236	23.471	ug/l	98

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 29 01:31:16 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	80968	21.489	ug/l	98
40) Benzene	8.35	78	184334	21.177	ug/l	92
41) Methacrylonitrile	7.53	41	13156	19.328	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	53777	22.546	ug/l	97
43) Isopropyl Acetate	8.45	43	44981	19.382	ug/l	97
44) Trichloroethene	9.11	130	57094	21.675	ug/l	88
45) 1,2-Dichloropropane	9.39	63	43717	20.737	ug/l	98
46) Dibromomethane	9.47	93	22791	20.082	ug/l	93
47) Bromodichloromethane	9.66	83	65092	21.692	ug/l	92
48) Methyl methacrylate	9.46	41	24039	20.535	ug/l	96
49) 1,4-Dioxane	9.47	88	5424	412.531	ug/l #	86
51) 4-Methyl-2-Pentanone	10.23	43	110257	94.292	ug/l	97
52) Toluene	10.41	92	124812	21.988	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	62301	22.285	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	73629	21.727	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	34259	21.285	ug/l	89
56) Ethyl methacrylate	10.66	69	38172	20.398	ug/l #	95
57) 1,3-Dichloropropane	10.95	76	57012	21.397	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	102854	115.057	ug/l	98
59) 2-Hexanone	10.99	43	77635	95.807	ug/l	95
60) Dibromochloromethane	11.14	129	48301	22.257	ug/l	99
61) 1,2-Dibromoethane	11.25	107	31846	20.521	ug/l	92
64) Tetrachloroethene	10.88	164	53843	22.913	ug/l	97
65) Chlorobenzene	11.67	112	139140	21.949	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	51559	22.027	ug/l	97
67) Ethyl Benzene	11.75	91	241307	22.120	ug/l	99
68) m/p-Xylenes	11.86	106	187502	44.718	ug/l	97
69) o-Xylene	12.18	106	84987	22.285	ug/l	96
70) Styrene	12.20	104	149289	22.783	ug/l	100
71) Bromoform	12.37	173	29813	21.744	ug/l #	100
73) Isopropylbenzene	12.48	105	241593	20.814	ug/l	100
74) N-amyl acetate	12.30	43	42899	17.825	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	35729	18.626	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	47067	32.587	ug/l #	100
77) Bromobenzene	12.77	156	61630	20.776	ug/l	94
78) n-propylbenzene	12.83	91	287844	21.370	ug/l	99
79) 2-Chlorotoluene	12.91	91	157970	20.529	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	205266	21.525	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11760	18.683	ug/l	95
82) 4-Chlorotoluene	13.01	91	173172	21.321	ug/l	99
83) tert-Butylbenzene	13.23	119	174856	20.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	198988	21.150	ug/l	100
85) sec-Butylbenzene	13.41	105	248666	21.634	ug/l	100
86) p-Isopropyltoluene	13.53	119	228053	21.839	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	116638	21.178	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	117243	21.058	ug/l	98
89) n-Butylbenzene	13.85	91	206630	21.281	ug/l	97
90) Hexachloroethane	14.12	117	44079	20.391	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	102230	21.421	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.52	75	6133	19.508	ug/l	95

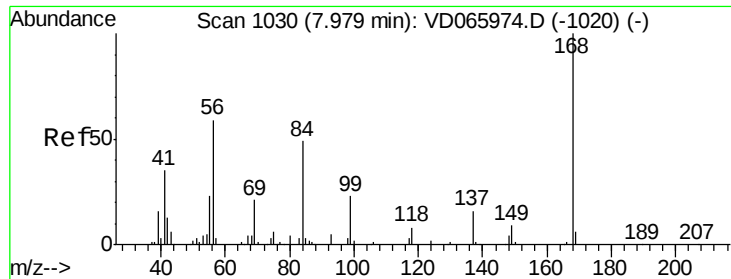
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072820\
Data File : VD066074.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	72401	21.135	ug/l	99
94) Hexachlorobutadiene	15.28	225	47116	22.247	ug/l	98
95) Naphthalene	15.41	128	107623	19.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	62164	20.874	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

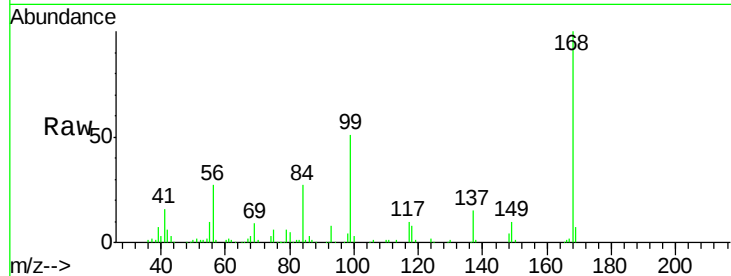
ClientSampleId :

Tot Ion:168 Resp: 261000

Ion Ratio Lower Upper

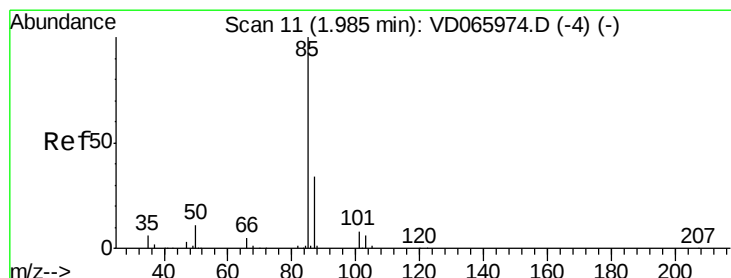
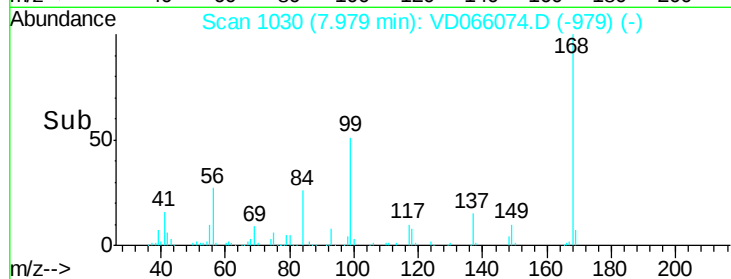
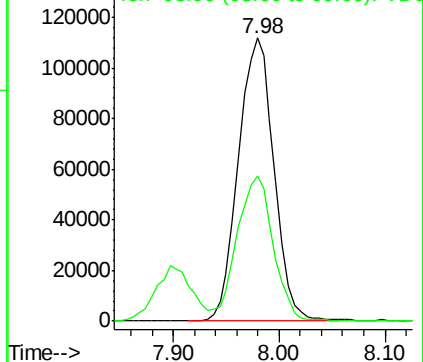
168 100

99 51.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.460 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066074.D

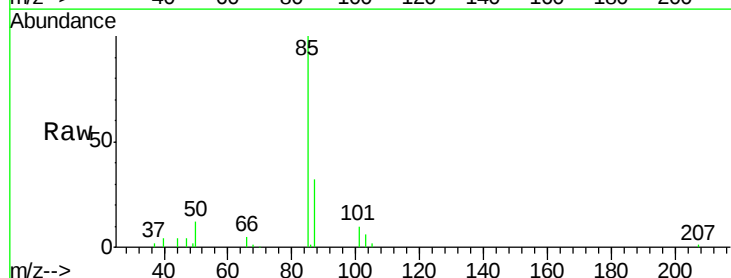
Acq: 28 Jul 2020 12:22

Tgt Ion: 85 Resp: 42507

Ion Ratio Lower Upper

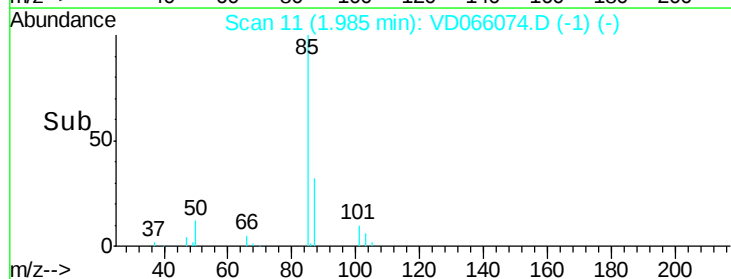
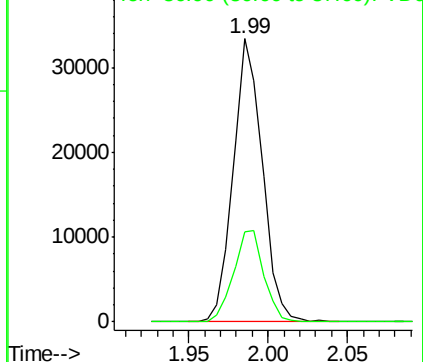
85 100

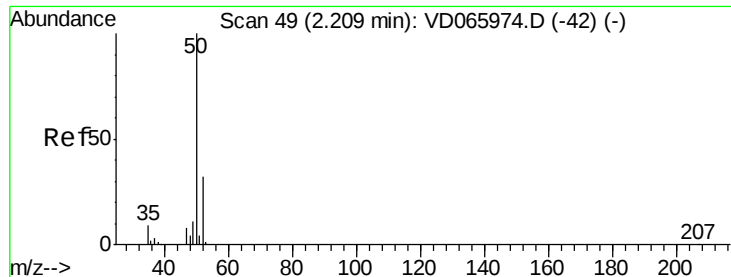
87 32.0 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.920 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

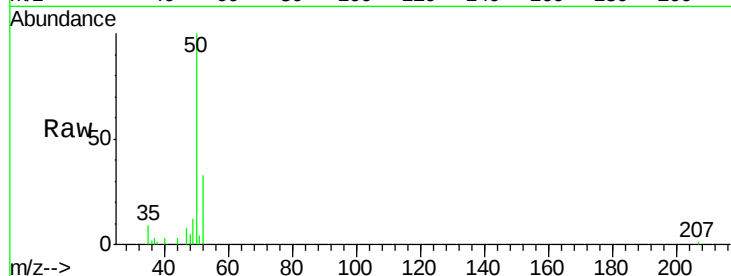
ClientSampled :

Tot Ion: 50 Resp: 33815

Ion Ratio Lower Upper

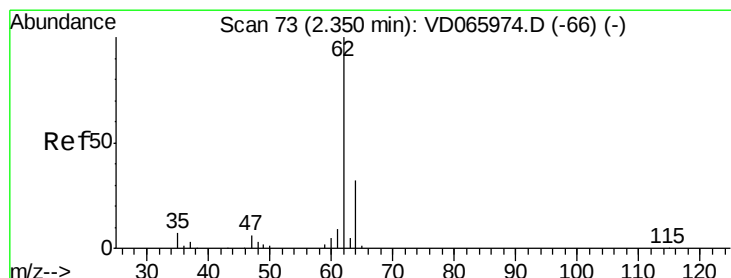
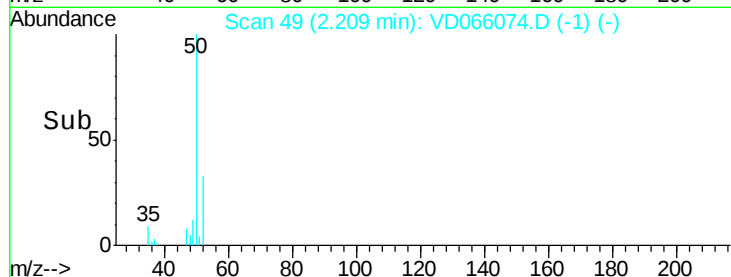
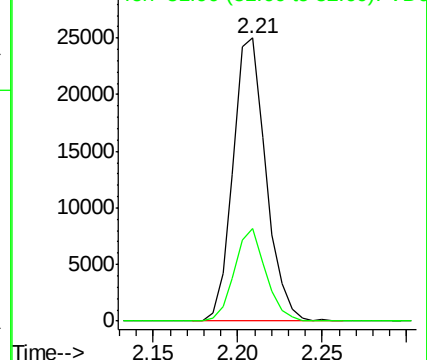
50 100

52 32.8 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.135 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066074.D

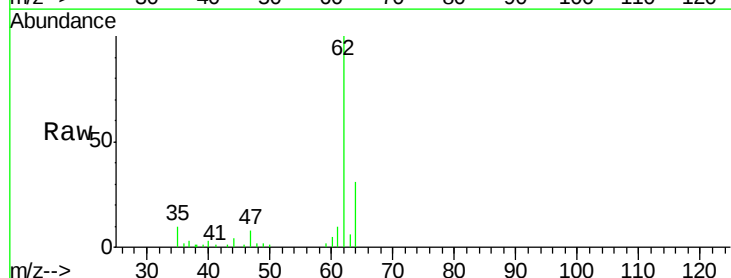
Acq: 28 Jul 2020 12:22

Tgt Ion: 62 Resp: 30993

Ion Ratio Lower Upper

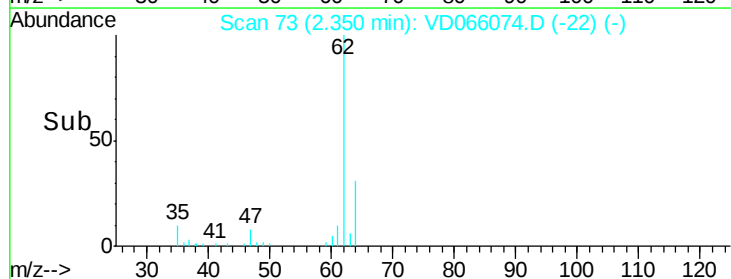
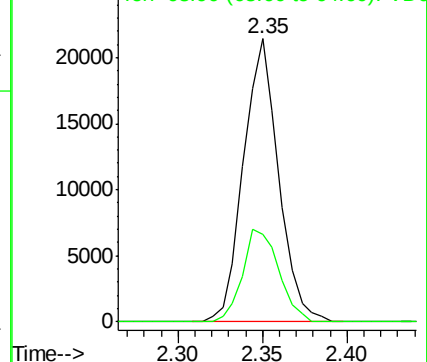
62 100

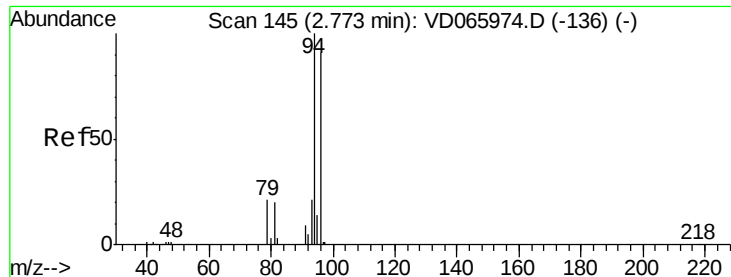
64 31.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 17.487 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

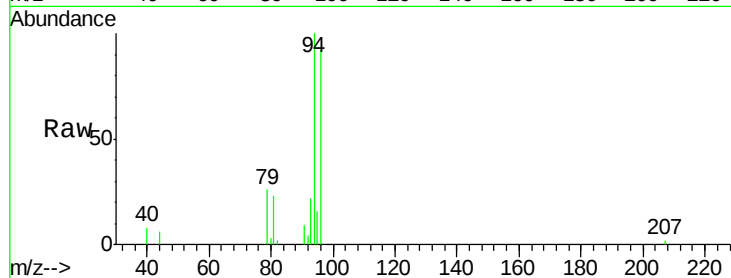
ClientSampleId :

Tot Ion: 94 Resp: 22462

Ion Ratio Lower Upper

94 100

96 92.4 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

10000

8000

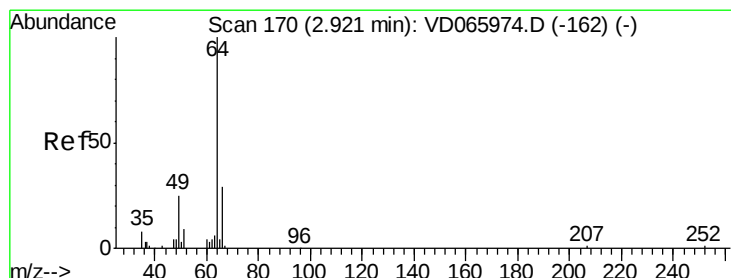
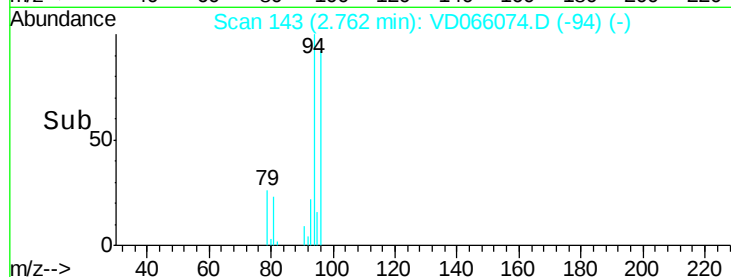
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 21.077 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066074.D

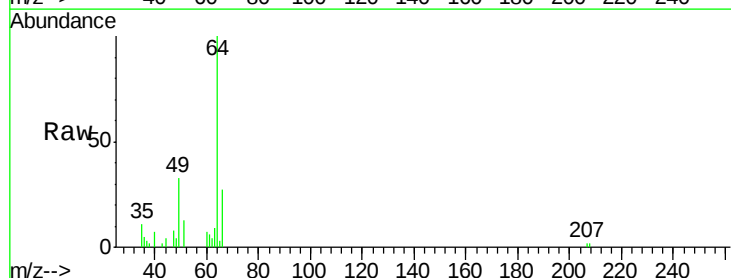
Acq: 28 Jul 2020 12:22

Tgt Ion: 64 Resp: 19367

Ion Ratio Lower Upper

64 100

66 27.2 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

10000

8000

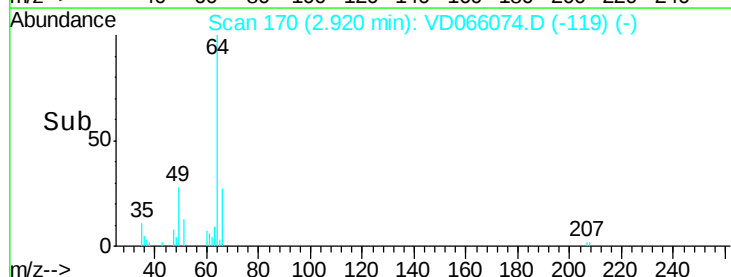
6000

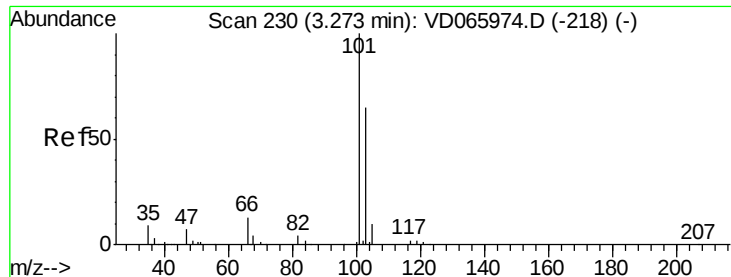
4000

2000

0

Time-->



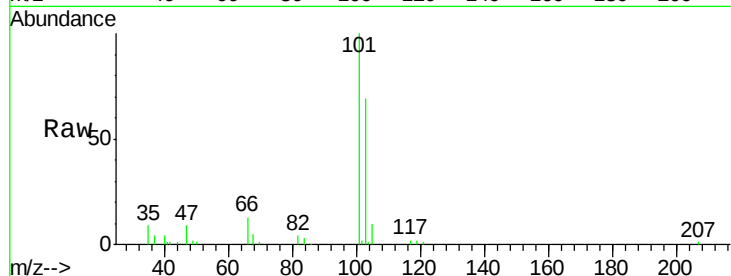


#7

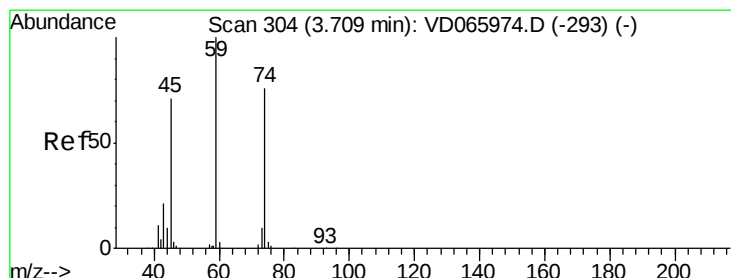
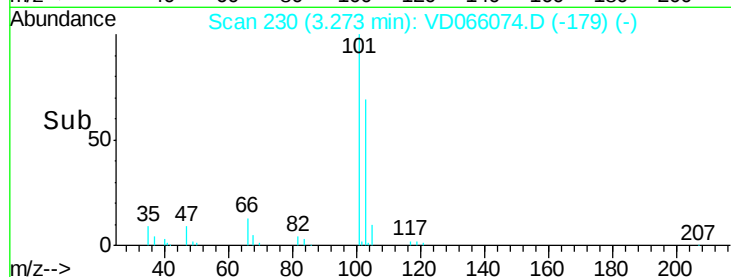
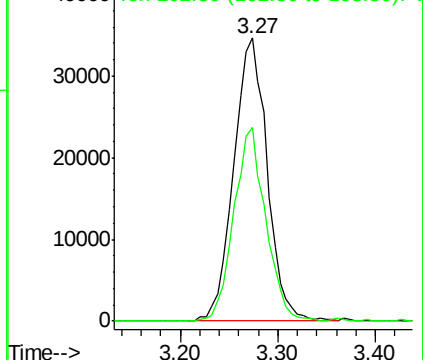
Trichlorofluoromethane
 Concen: 22.009 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:101 Resp: 82404
 Ion Ratio Lower Upper
 101 100
 103 68.6 52.1 78.1



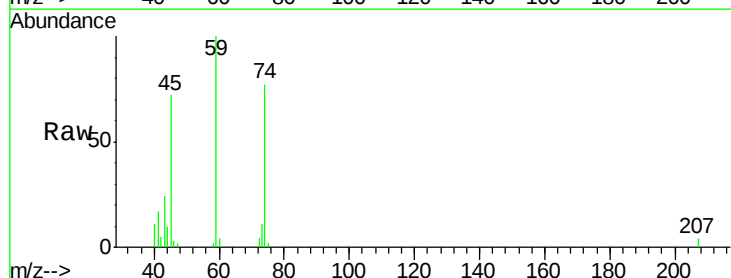
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



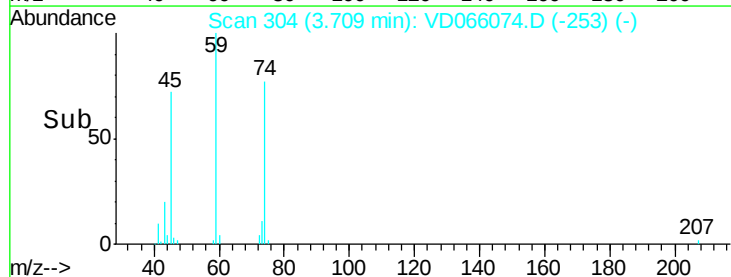
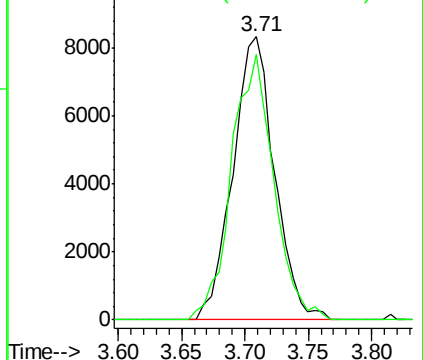
#8

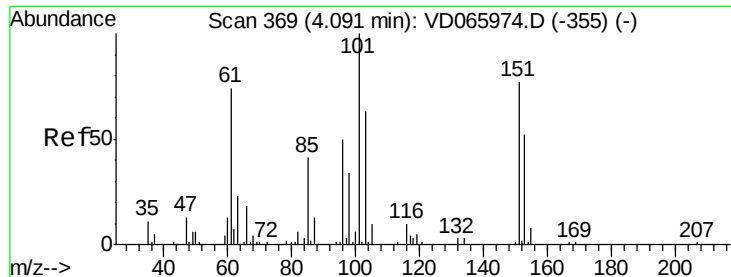
Diethyl Ether
 Concen: 18.384 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion: 74 Resp: 19026
 Ion Ratio Lower Upper
 74 100
 45 94.8 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: 20.442 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

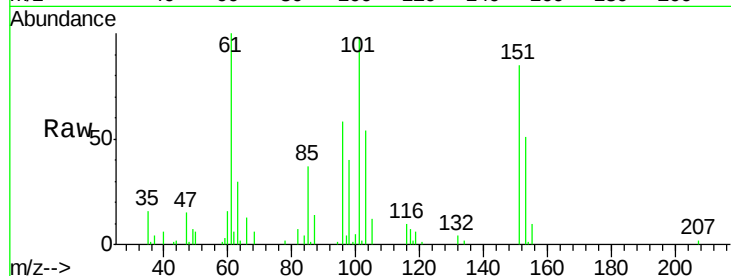
Tot Ion:101 Resp: 46214

Ion Ratio Lower Upper

101 100

85 41.9 33.6 50.4

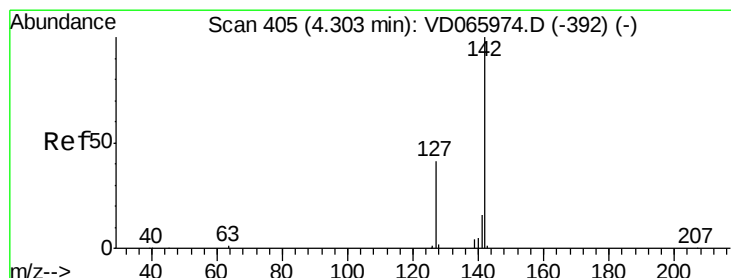
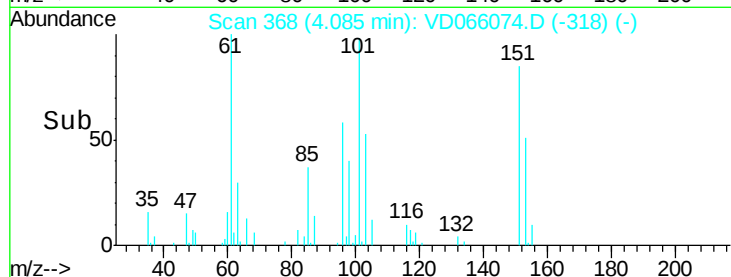
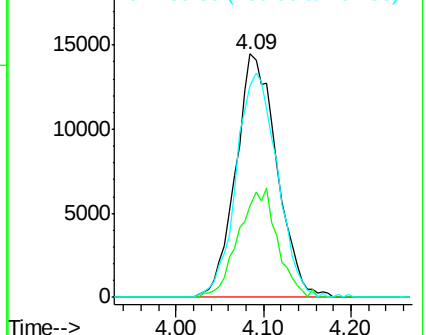
151 92.3 66.6 99.8



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: 26.199 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

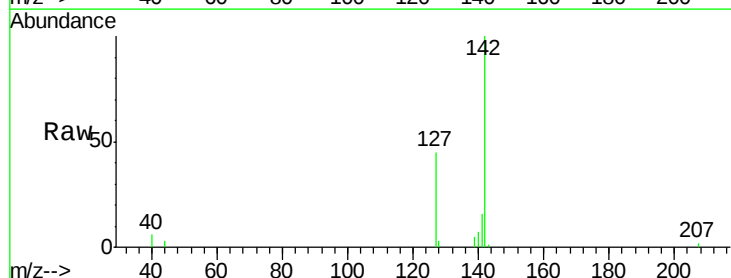
Tgt Ion:142 Resp: 48201

Ion Ratio Lower Upper

142 100

127 43.8 32.9 49.3

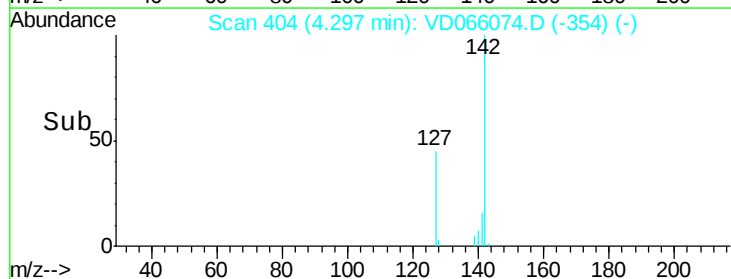
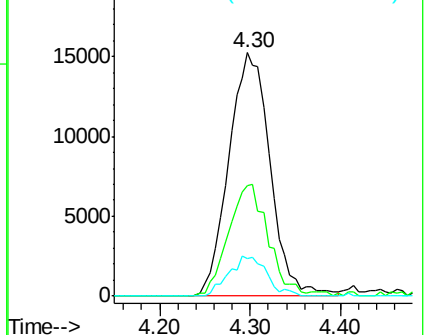
141 14.9 11.8 17.6

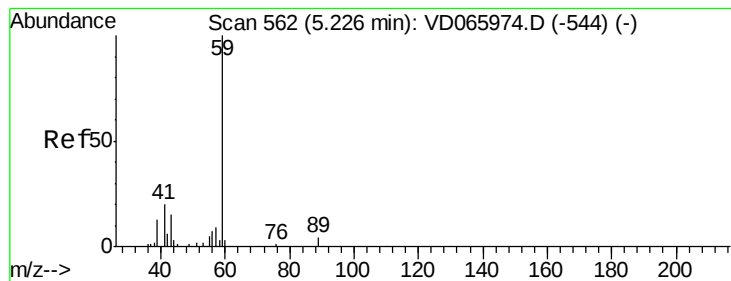


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 58.872 ug/l

RT: 5.20 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

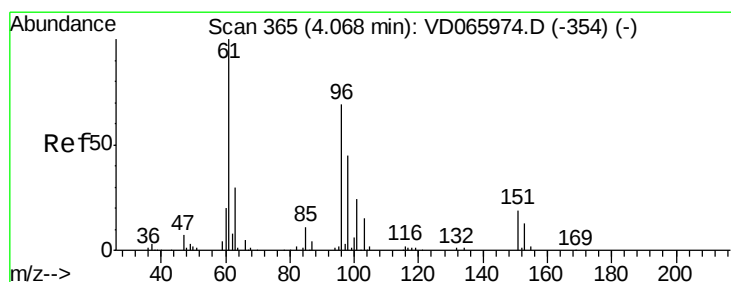
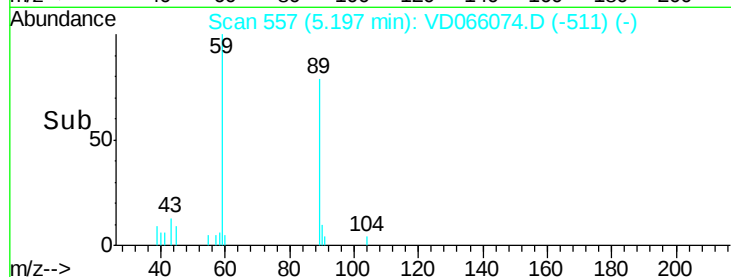
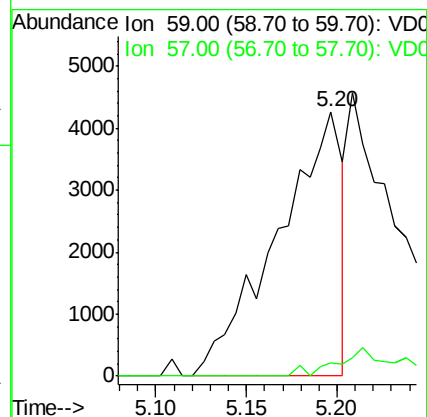
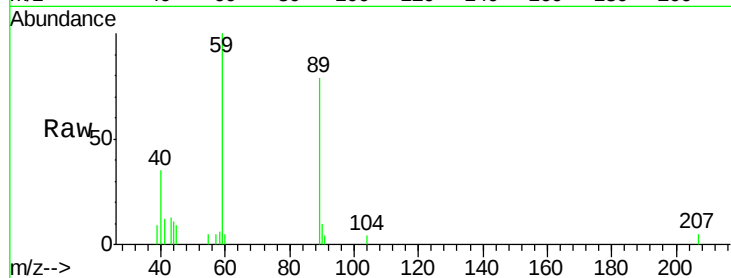
ClientSampleId :

Tot Ion: 59 Resp: 10637

Ion Ratio Lower Upper

59 100

57 9.5 4.5 6.7#



#12

1,1-Dichloroethene

Concen: 20.235 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

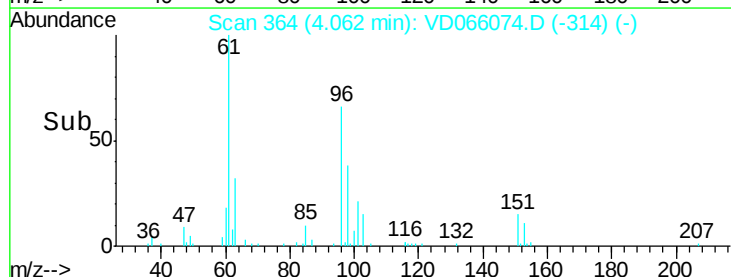
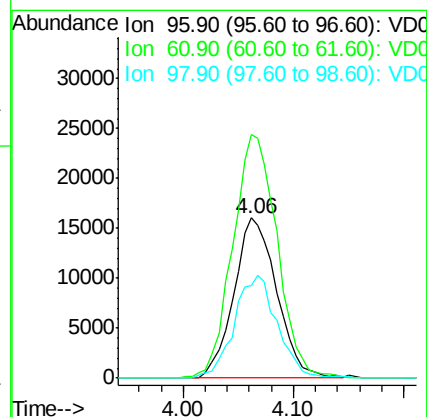
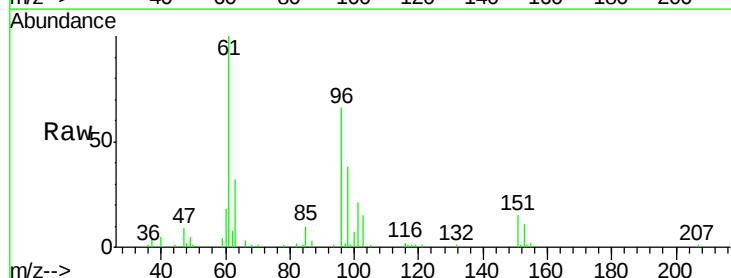
Tgt Ion: 96 Resp: 43666

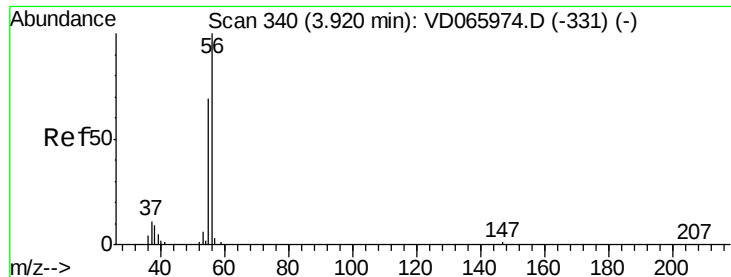
Ion Ratio Lower Upper

96 100

61 151.2 115.4 173.0

98 57.7 51.5 77.3





#13

Acrolein

Concen: 73.515 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

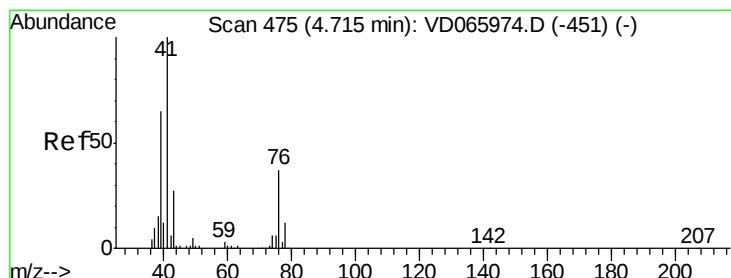
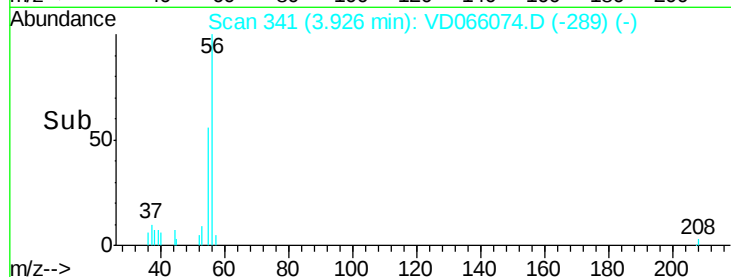
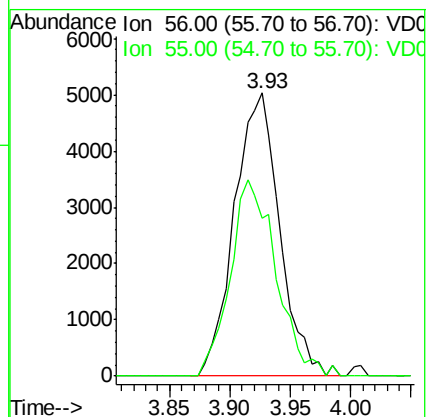
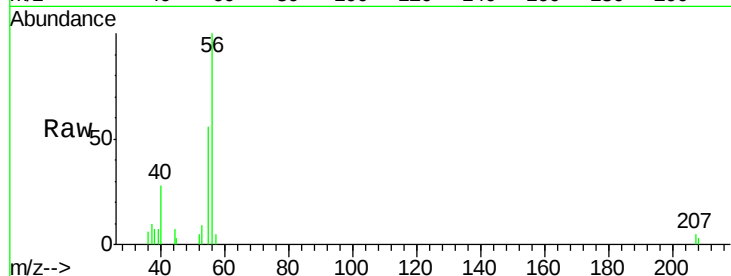
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 13154

Ion Ratio Lower Upper

56 100

55 70.1 55.8 83.8



#14

Allyl chloride

Concen: 18.181 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

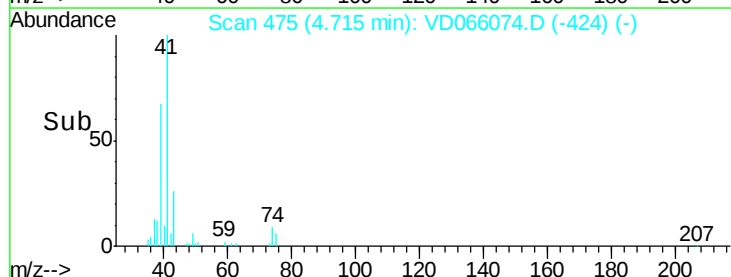
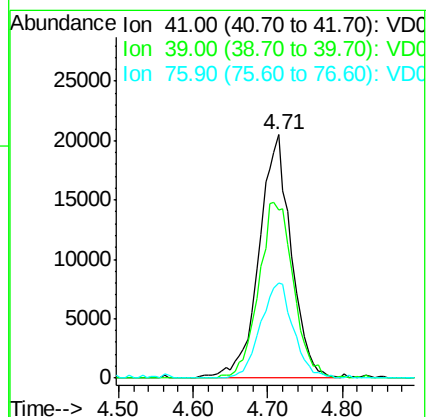
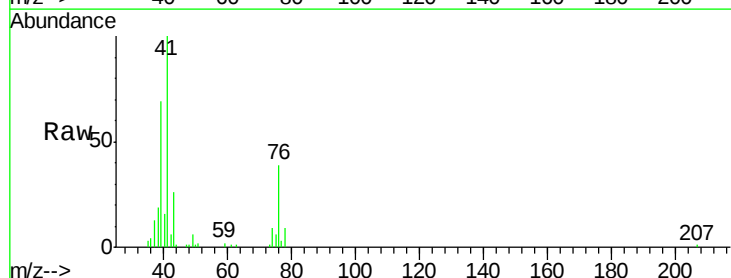
Tgt Ion: 41 Resp: 61330

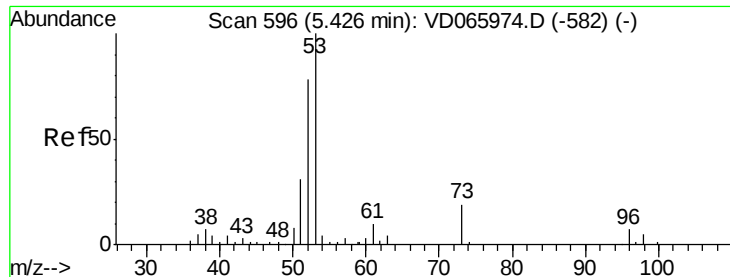
Ion Ratio Lower Upper

41 100

39 77.9 53.4 80.2

76 39.8 29.1 43.7





#15

Acrylonitrile

Concen: 90.450 ug/l

RT: 5.41 min Scan# 593

Delta R.T. -0.02 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

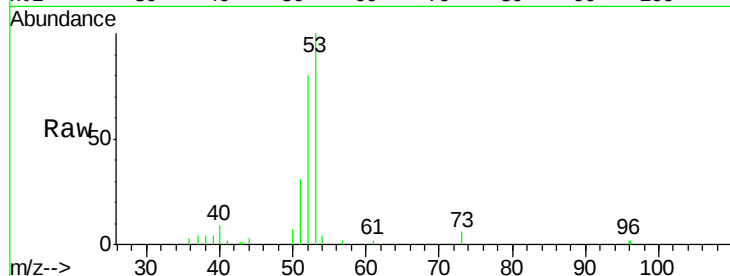
Tot Ion: 53 Resp: 39991

Ion Ratio Lower Upper

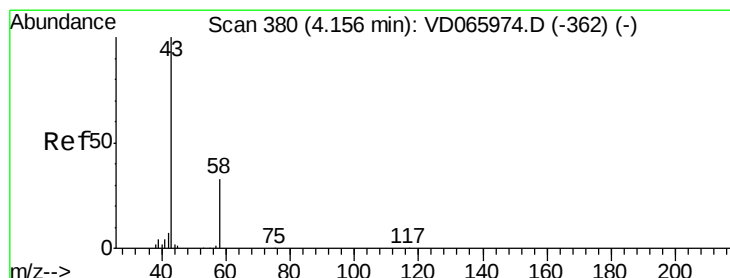
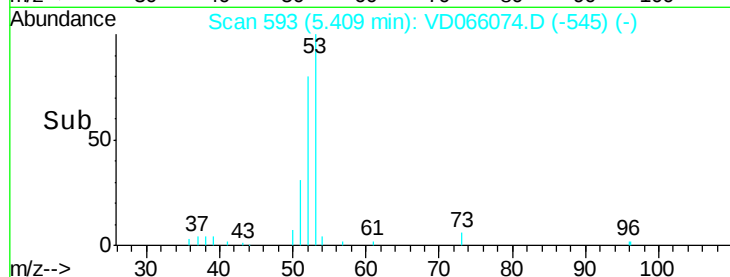
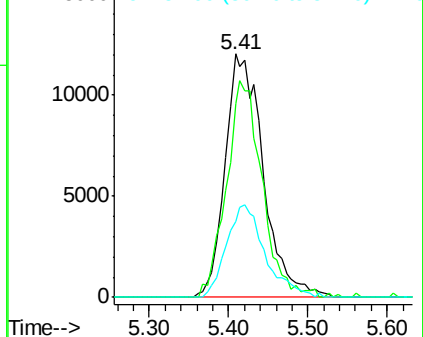
53 100

52 83.5 67.1 100.7

51 38.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 87.684 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066074.D

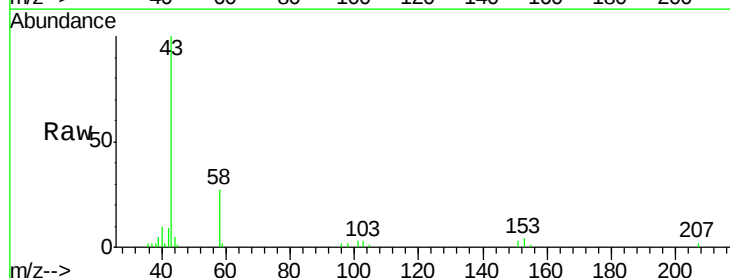
Acq: 28 Jul 2020 12:22

Tgt Ion: 43 Resp: 37693

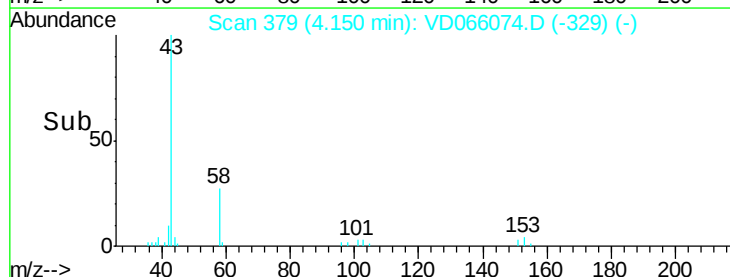
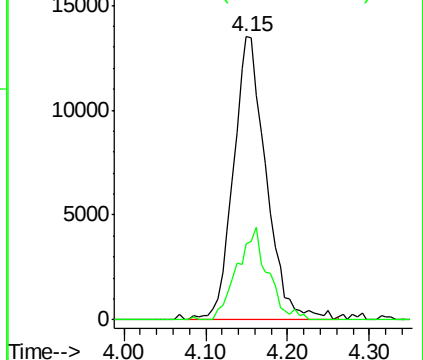
Ion Ratio Lower Upper

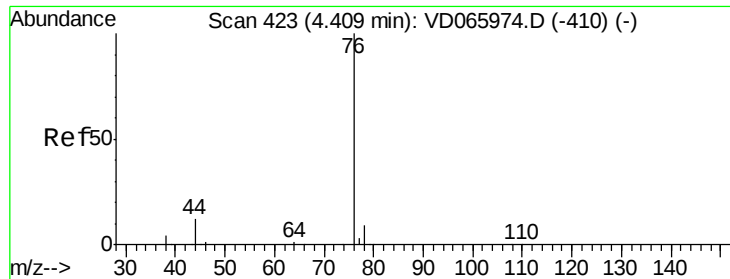
43 100

58 26.7 26.3 39.5



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

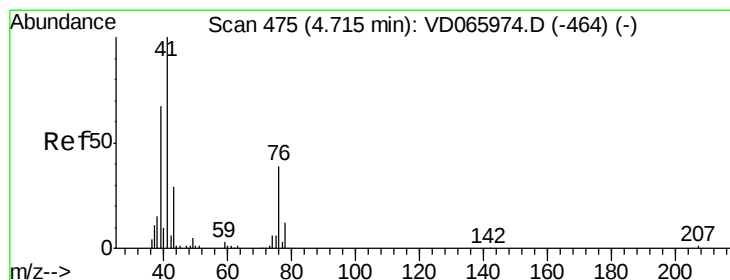
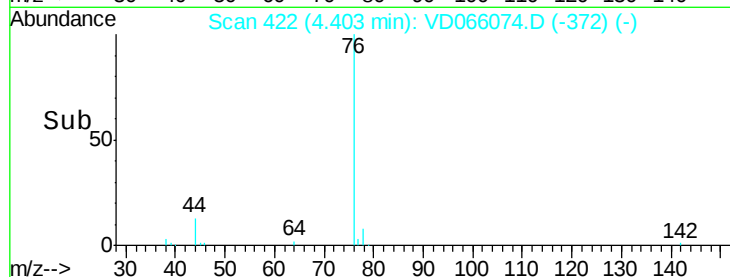
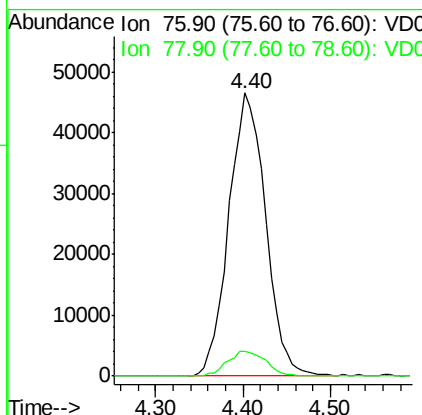
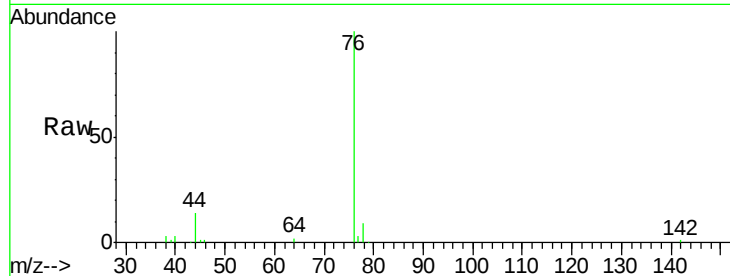




#17
Carbon Disulfide
Concen: 19.007 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

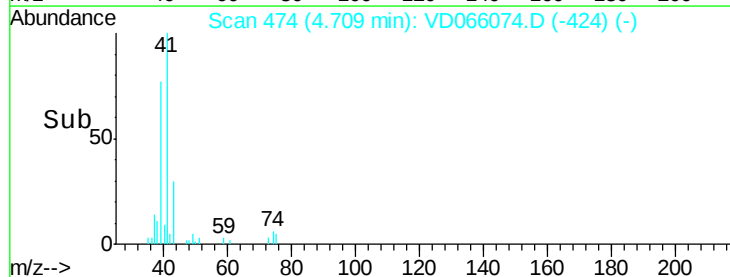
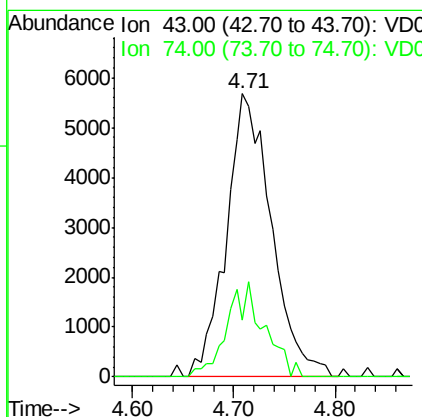
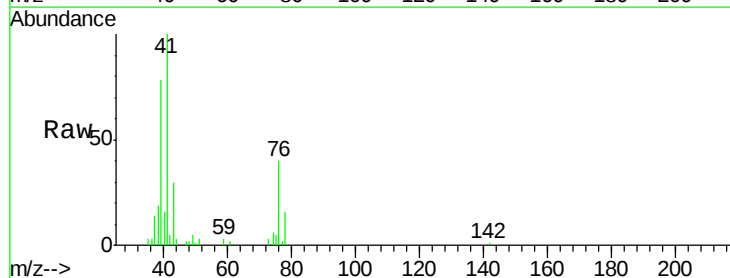
Instrument :
MSVOA_D
ClientSampleId :

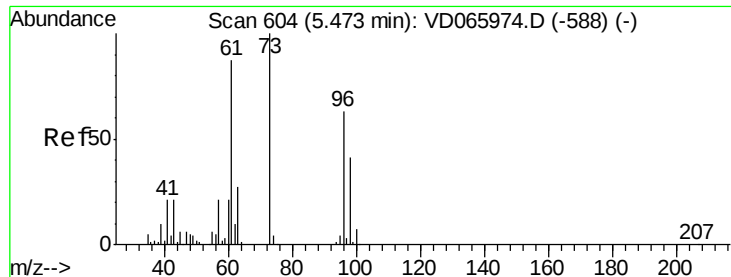
Tot Ion: 76 Resp: 133049
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 17.518 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 43 Resp: 17518
Ion Ratio Lower Upper
43 100
74 27.4 19.2 28.8



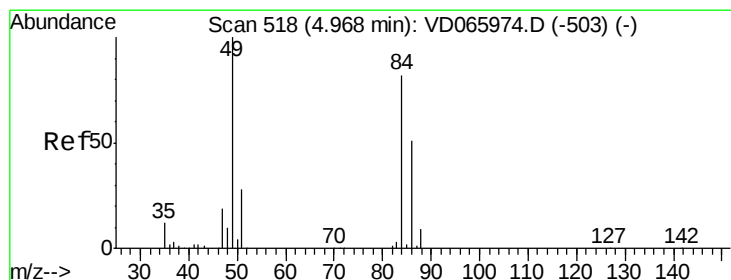
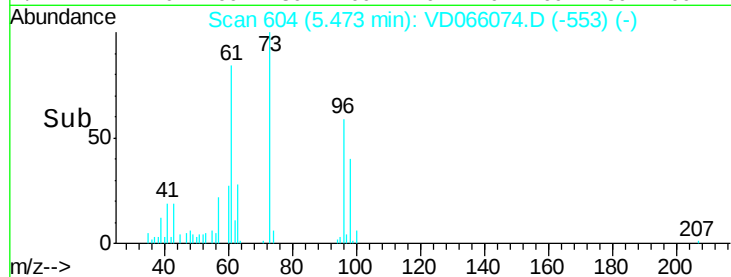
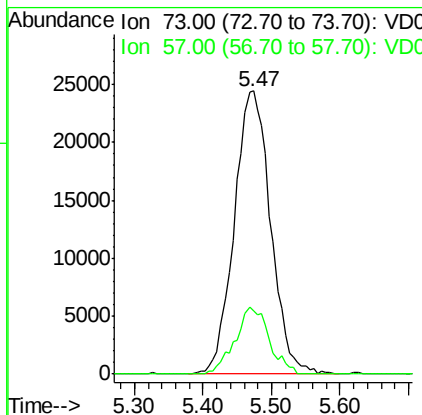
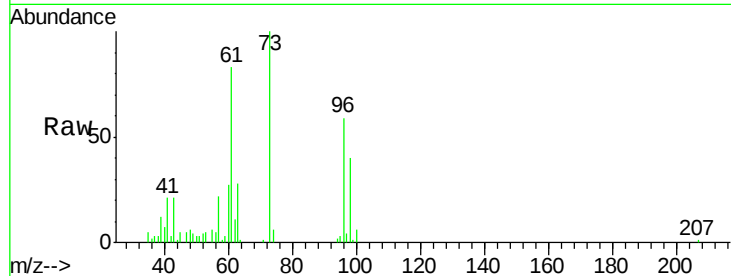


#19

Methyl tert-butyl Ether
 Concen: 20.271 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampled :

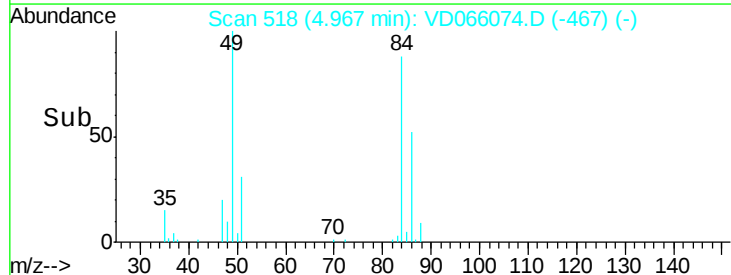
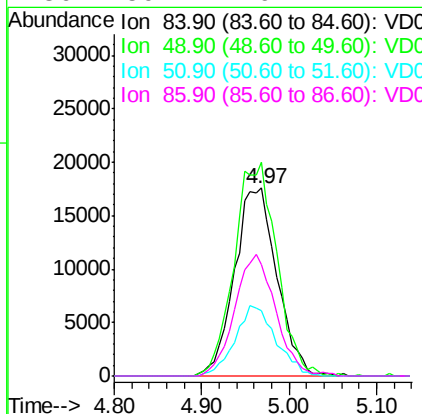
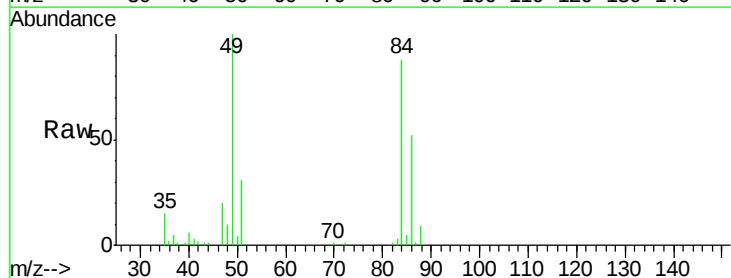
Tot Ion: 73 Resp: 89877
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.0 25.4

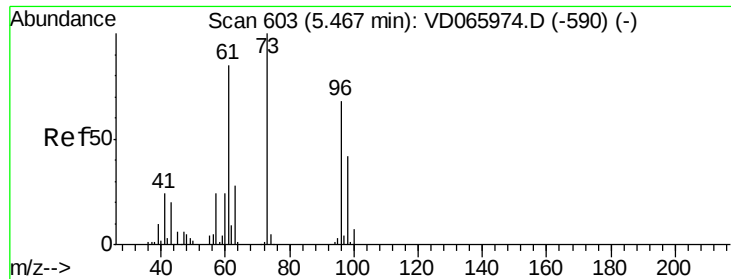


#20

Methylene Chloride
 Concen: 22.841 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion: 84 Resp: 58119
 Ion Ratio Lower Upper
 84 100
 49 113.7 97.7 146.5
 51 35.0 27.4 41.2
 86 59.4 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 19.995 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampled :

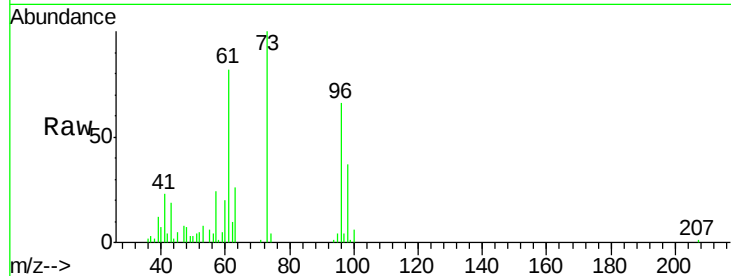
Tot Ion: 96 Resp: 48767

Ion Ratio Lower Upper

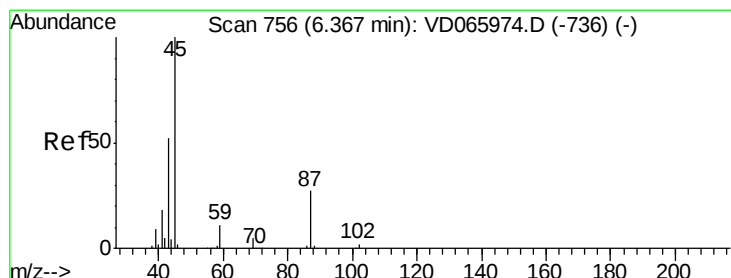
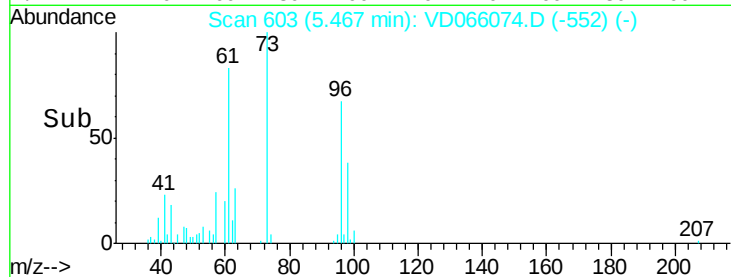
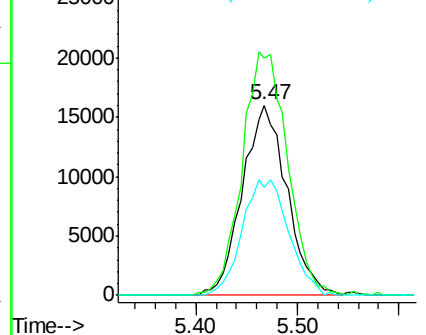
96 100

61 124.9 100.5 150.7

98 56.8 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: 19.303 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion: 45 Resp: 123705

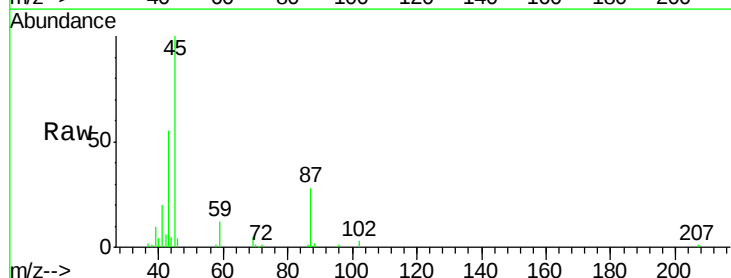
Ion Ratio Lower Upper

45 100

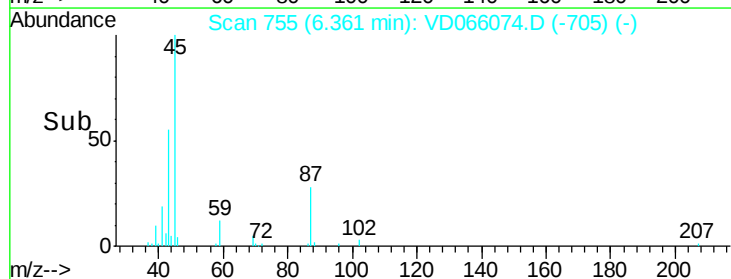
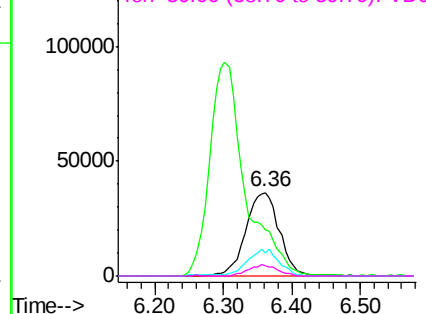
43 53.9 43.0 64.4

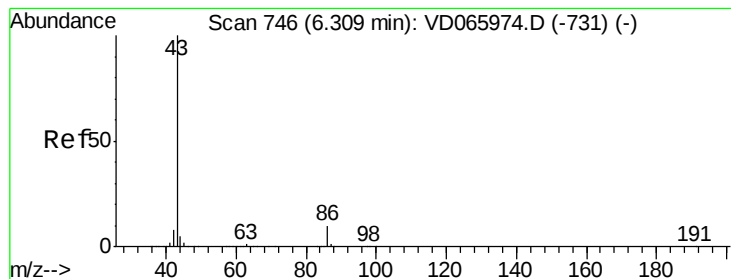
87 28.1 22.0 33.0

59 11.8 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: 93.050 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

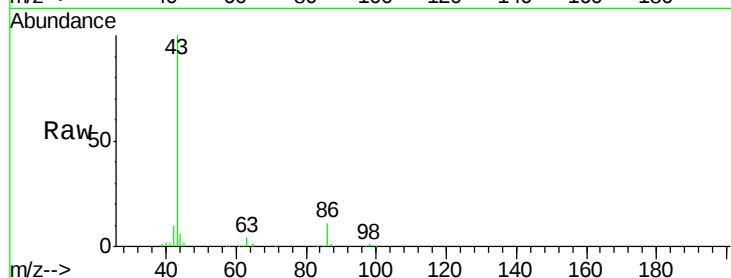
ClientSampleId :

Tot Ion: 43 Resp: 336311

Ion Ratio Lower Upper

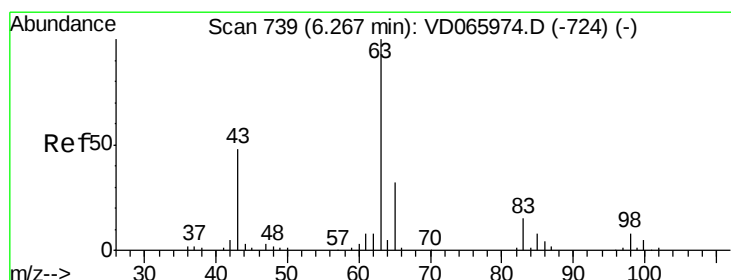
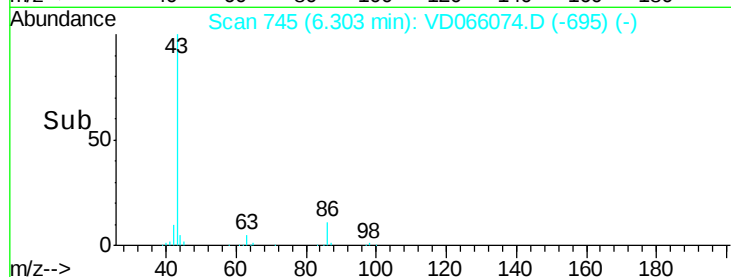
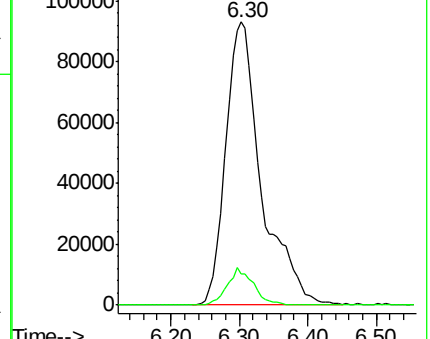
43 100

86 11.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.532 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

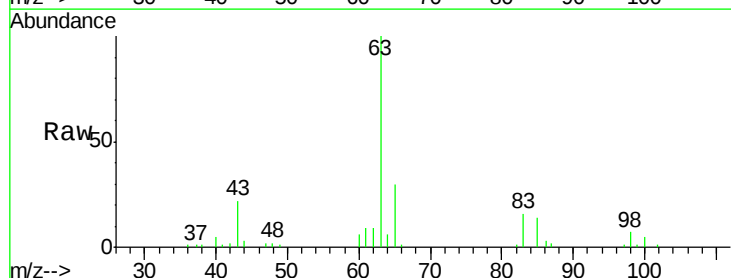
Tgt Ion: 63 Resp: 79726

Ion Ratio Lower Upper

63 100

98 6.6 4.3 12.8

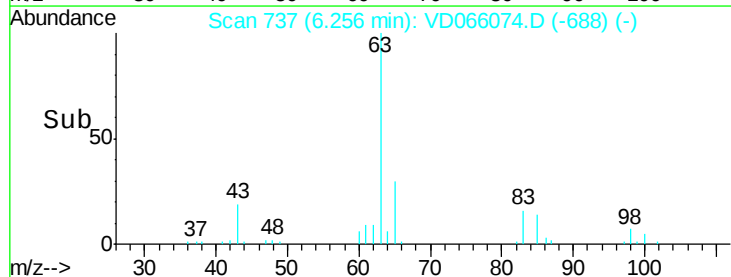
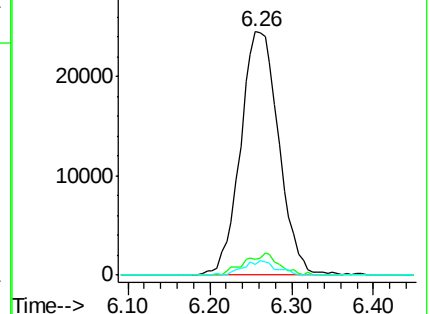
100 4.5 2.5 7.5

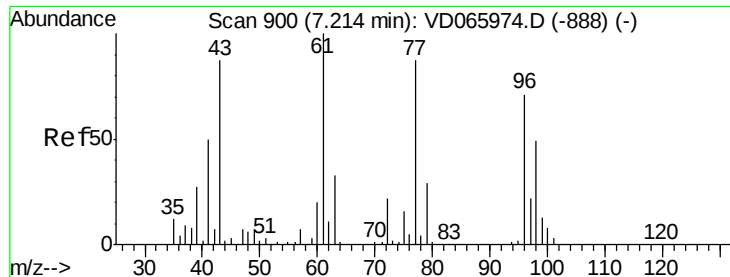


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 86.091 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

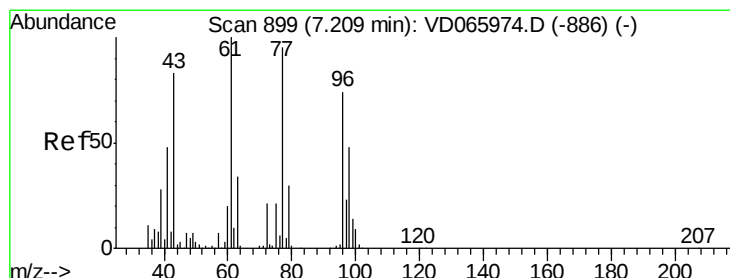
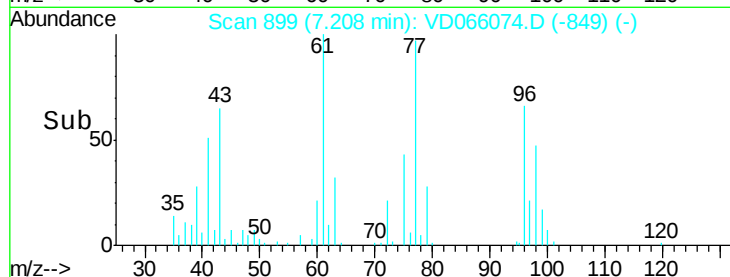
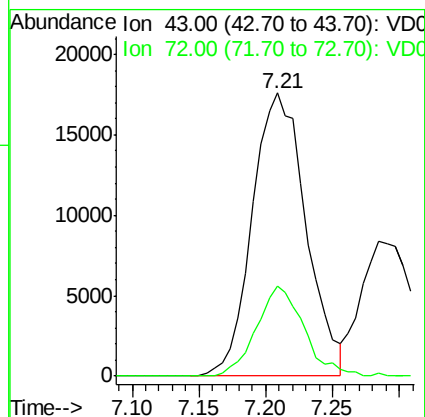
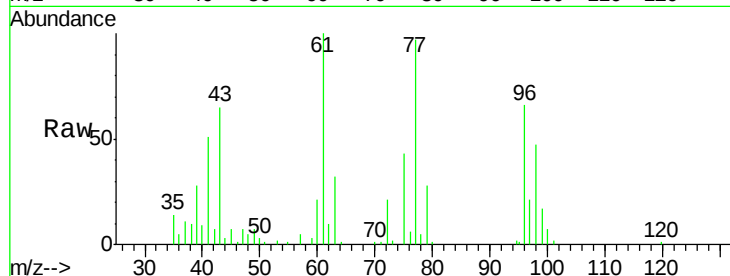
ClientSampled :

Tot Ion: 43 Resp: 49107

Ion Ratio Lower Upper

43 100

72 31.7 20.2 30.2#



#26

2,2-Dichloropropane

Concen: 22.265 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066074.D

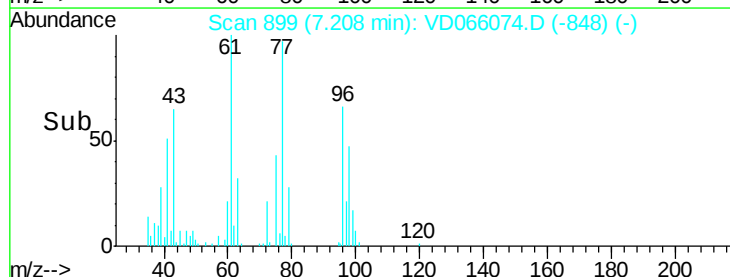
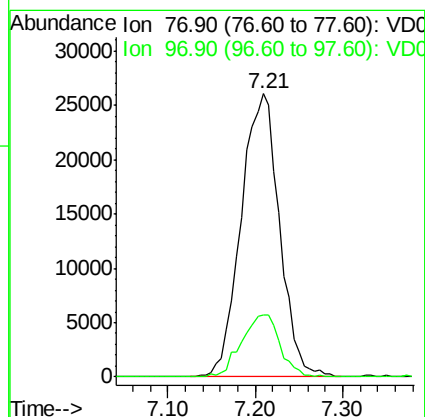
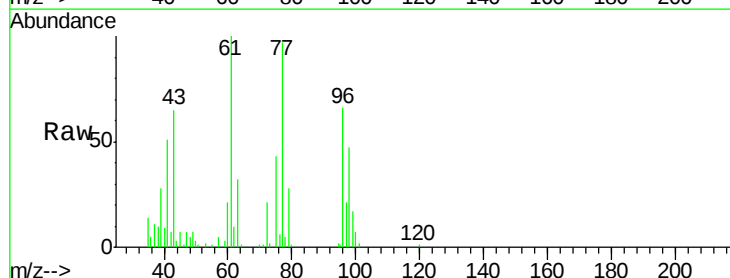
Acq: 28 Jul 2020 12:22

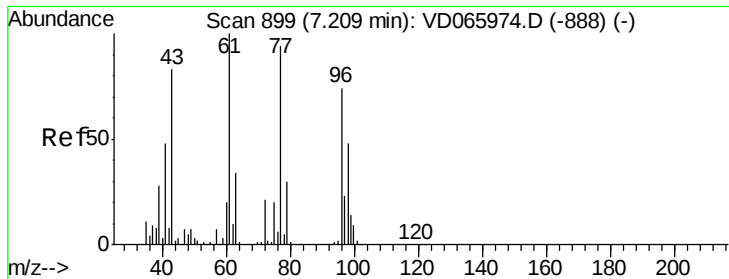
Tgt Ion: 77 Resp: 77748

Ion Ratio Lower Upper

77 100

97 22.0 11.6 34.7



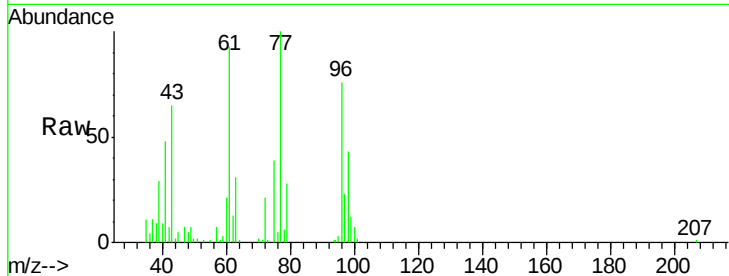


#27

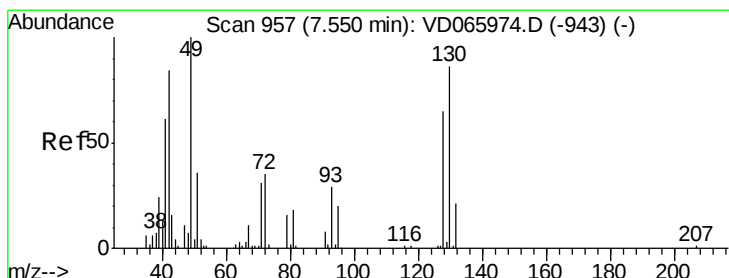
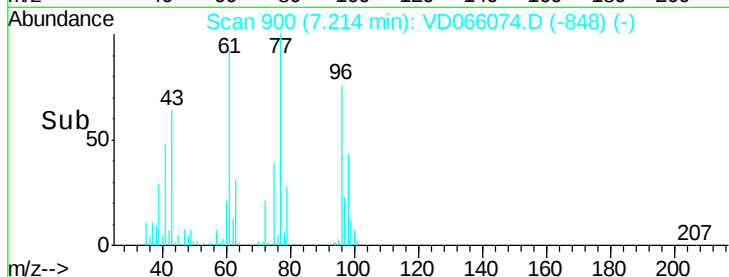
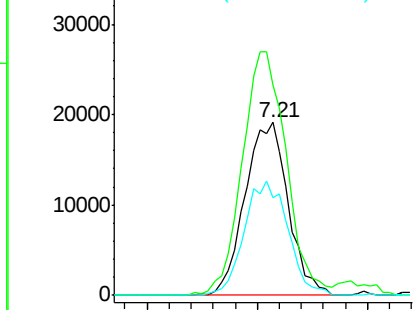
cis-1,2-Dichloroethene
Concen: 20.360 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 96 Resp: 52575
Ion Ratio Lower Upper
96 100
61 143.7 0.0 276.6
98 66.6 0.0 130.8



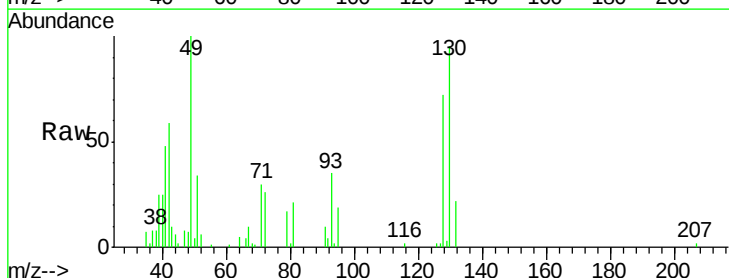
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



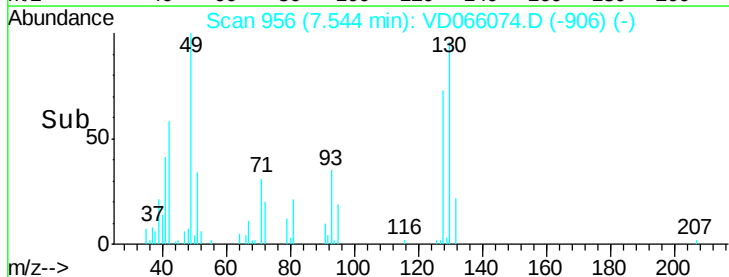
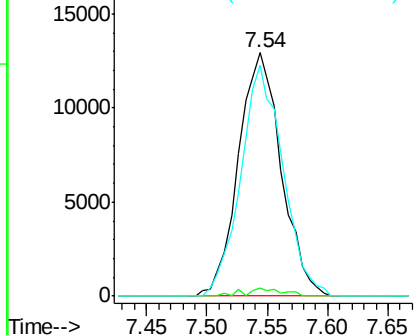
#28

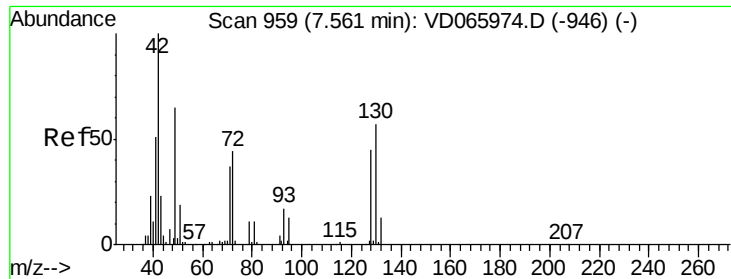
Bromochloromethane
Concen: 19.354 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 49 Resp: 31897
Ion Ratio Lower Upper
49 100
129 2.8 0.0 4.8
130 93.5 68.4 102.6



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

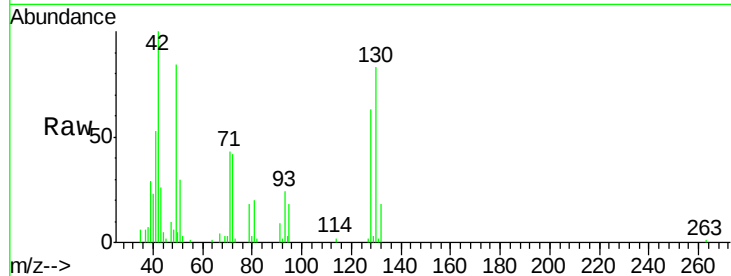




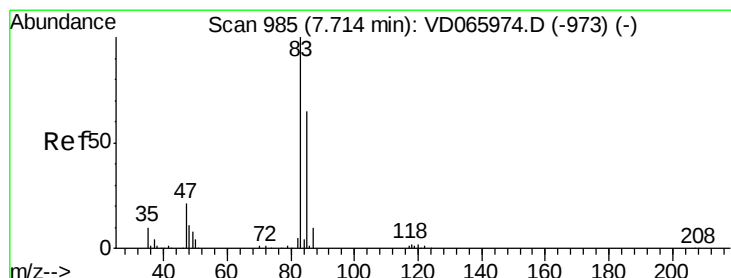
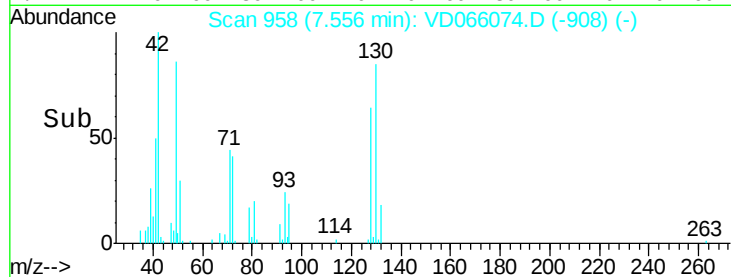
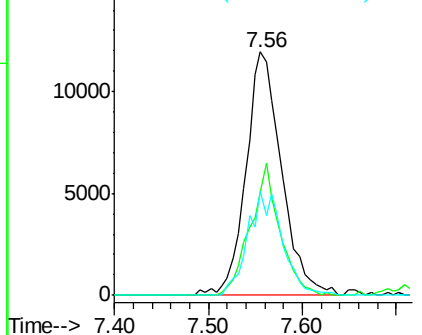
#29
Tetrahydrofuran
Concen: 89.208 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 42 Resp: 31396
Ion Ratio Lower Upper
42 100
72 45.0 34.2 51.2
71 41.5 31.4 47.2

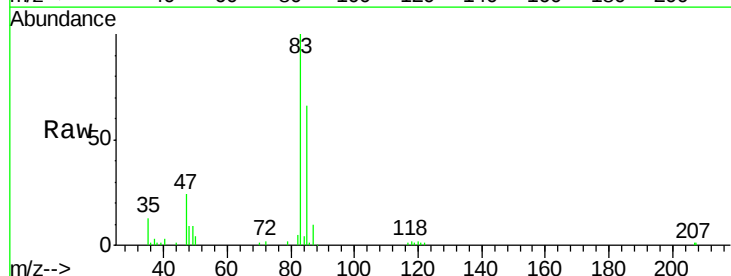


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

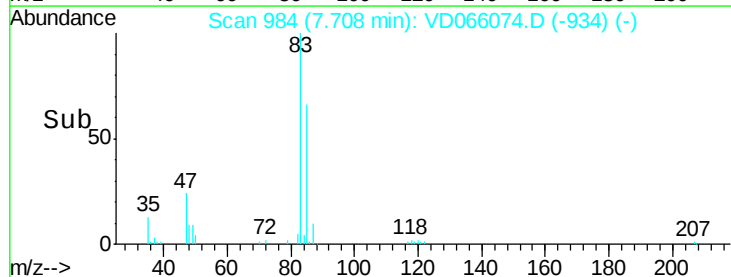
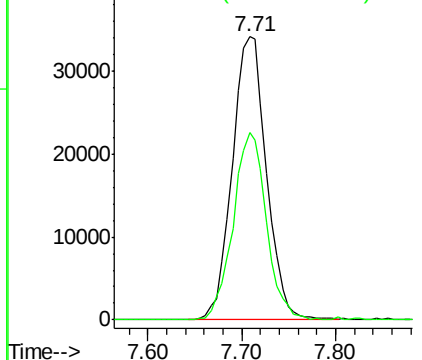


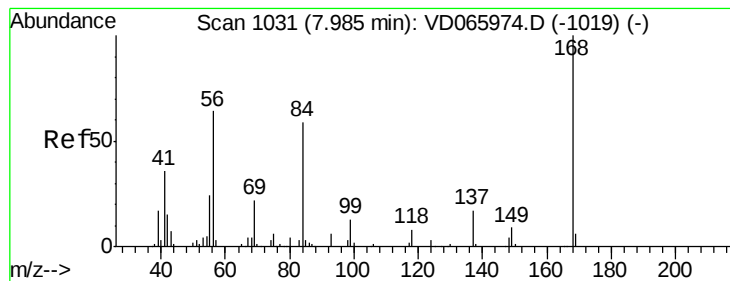
#30
Chloroform
Concen: 21.210 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 83 Resp: 86150
Ion Ratio Lower Upper
83 100
85 66.3 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: 19.335 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampled :

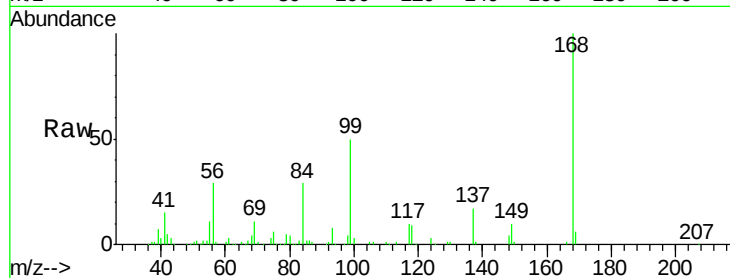
Tot Ion: 56 Resp: 73864

Ion Ratio Lower Upper

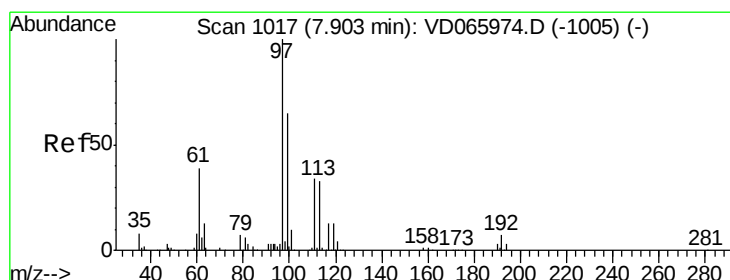
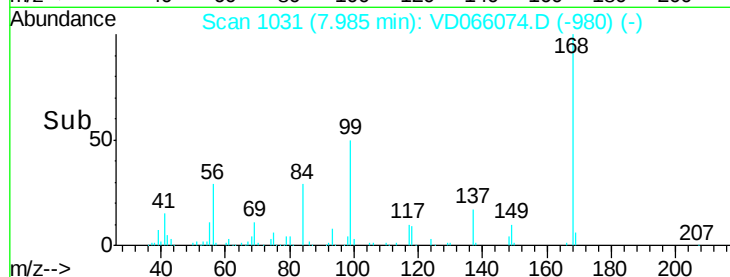
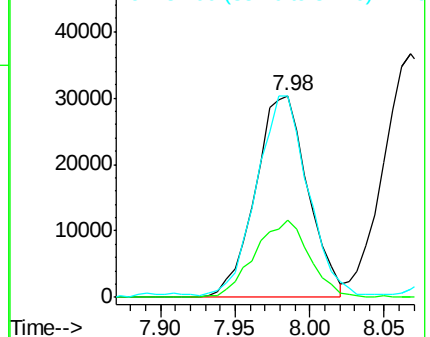
56 100

69 38.6 28.0 42.0

84 98.6 72.6 109.0



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



#32

1,1,1-Trichloroethane

Concen: 21.514 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

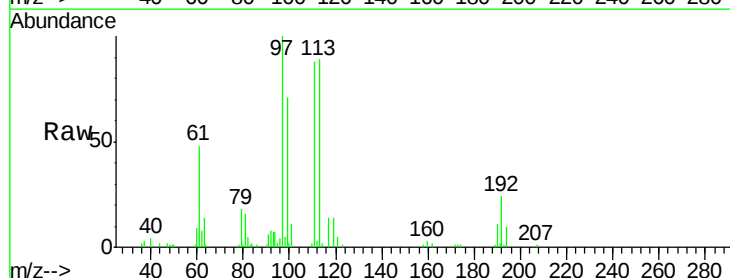
Tgt Ion: 97 Resp: 80834

Ion Ratio Lower Upper

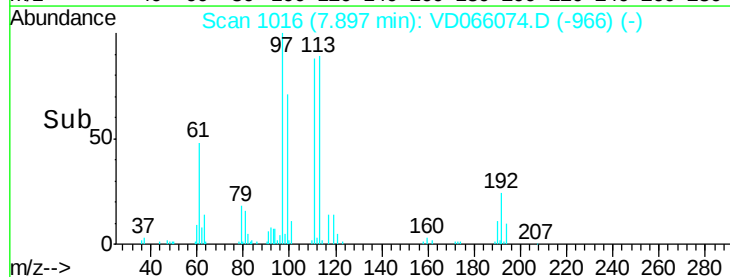
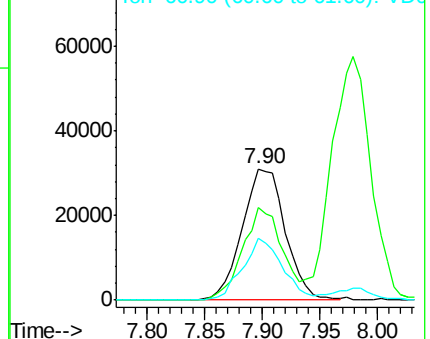
97 100

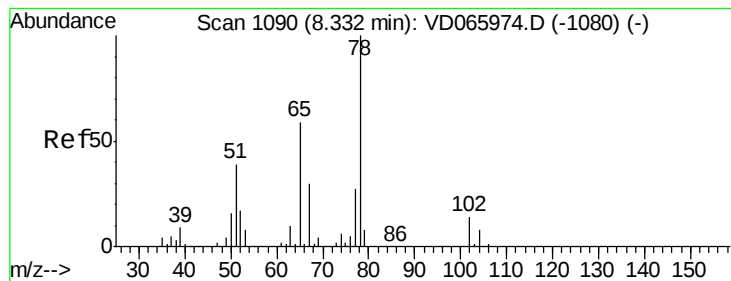
99 64.4 51.8 77.6

61 43.4 33.3 49.9



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





#33

1,2-Dichloroethane-d4

Concen: 52.163 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

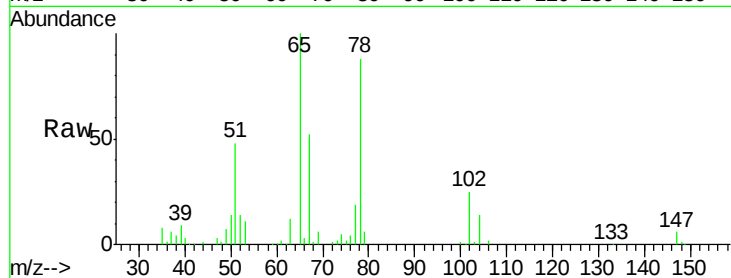
ClientSampleId :

Tot Ion: 65 Resp: 110781

Ion Ratio Lower Upper

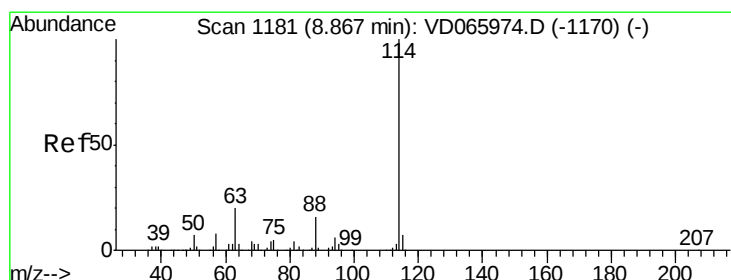
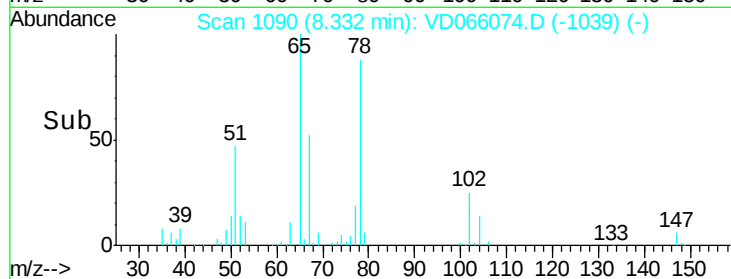
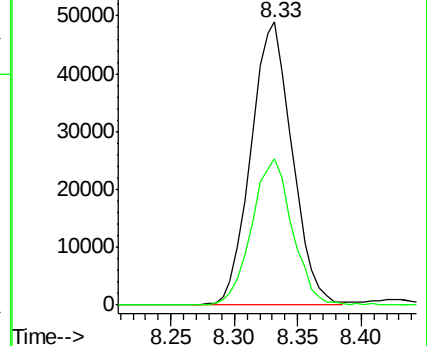
65 100

67 51.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

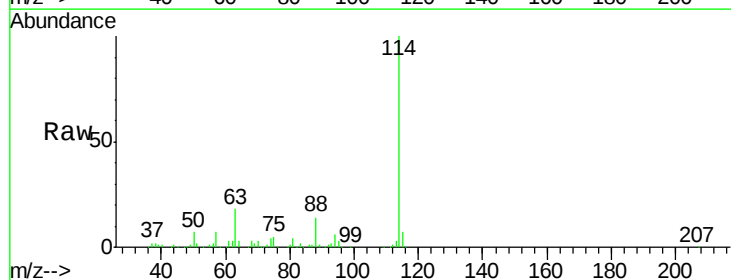
Tgt Ion: 114 Resp: 364556

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

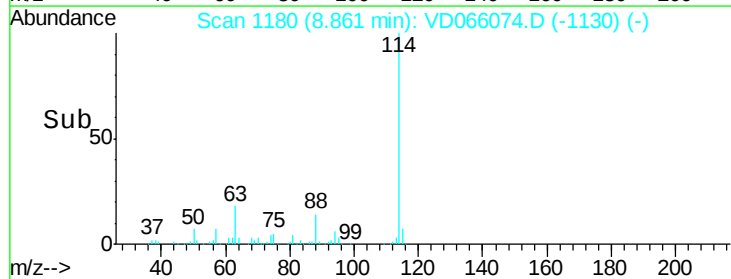
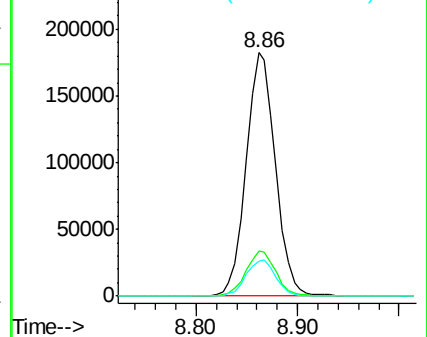
88 14.4 0.0 31.2

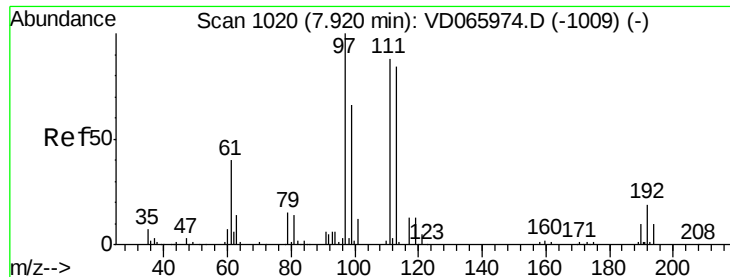


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

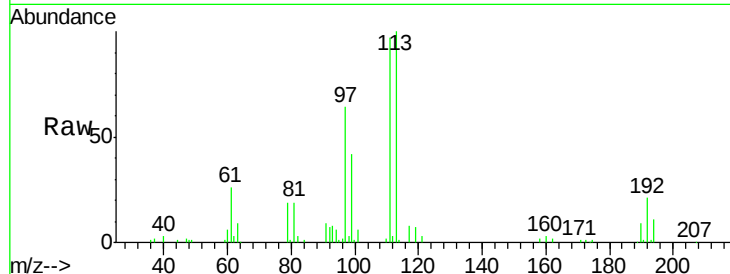




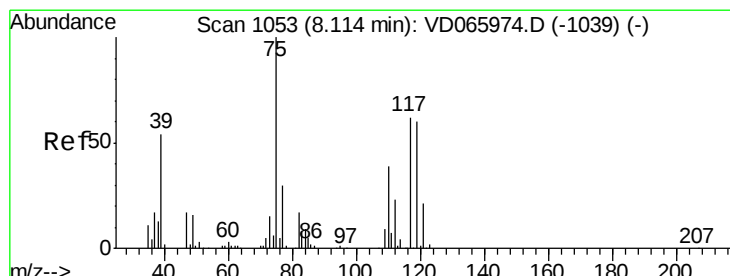
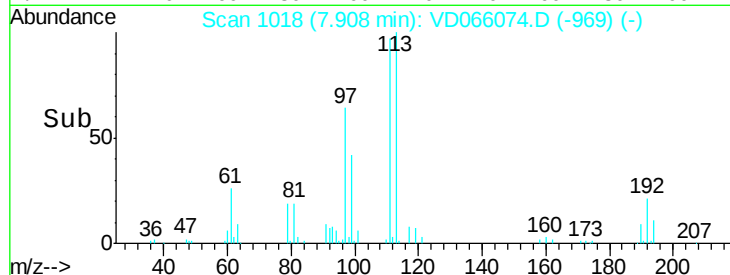
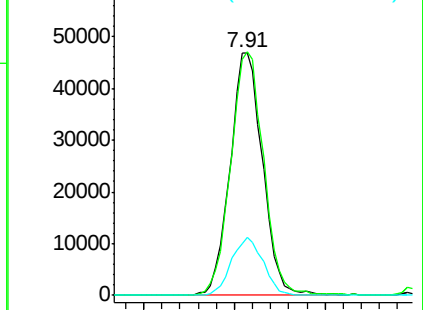
#35
 Dibromofluoromethane
 Concen: 52.821 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion:113 Resp: 116796
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.2 124.8
 192 23.4 18.7 28.1

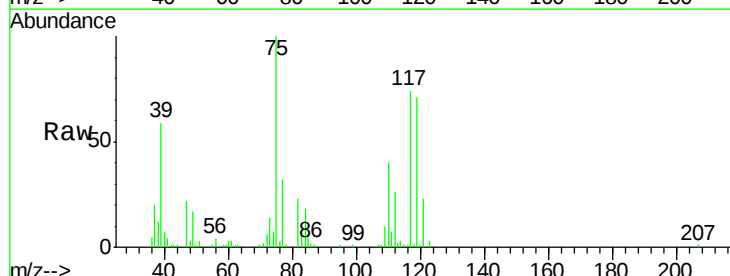


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

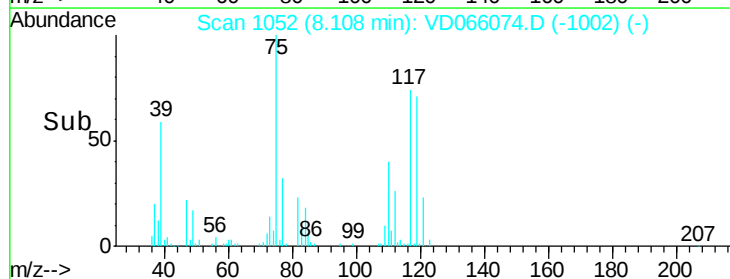
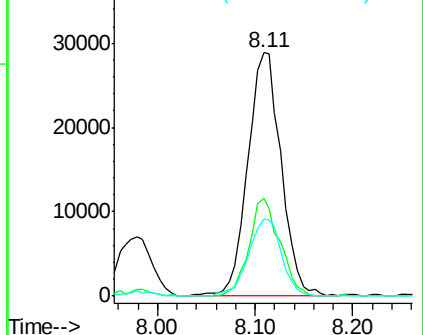


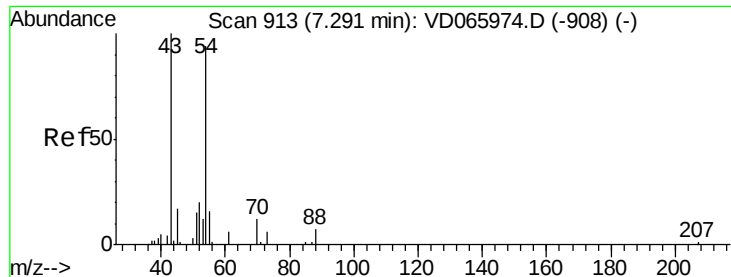
#36
 1,1-Dichloropropene
 Concen: 22.283 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion: 75 Resp: 69328
 Ion Ratio Lower Upper
 75 100
 110 37.1 19.5 58.5
 77 31.3 24.7 37.1



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

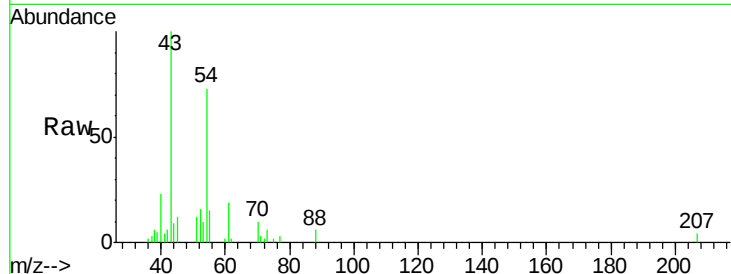




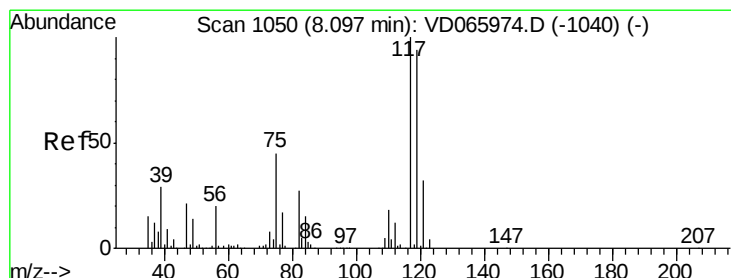
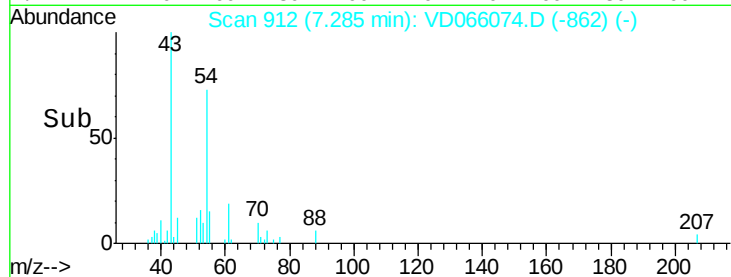
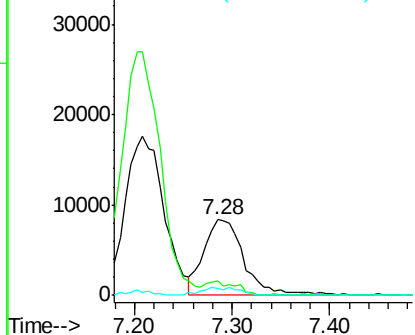
#37
Ethyl Acetate
Concen: 20.272 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 24088
Ion Ratio Lower Upper
43 100
61 13.8 11.4 17.0
70 5.6 9.3 13.9#

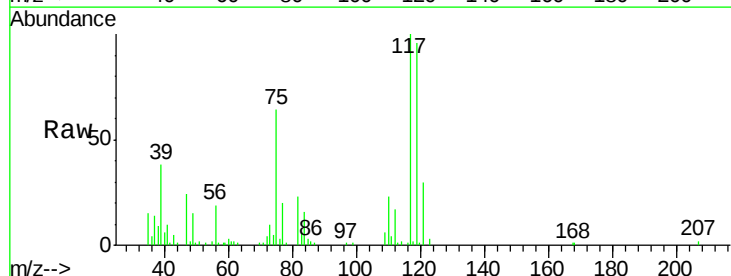


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

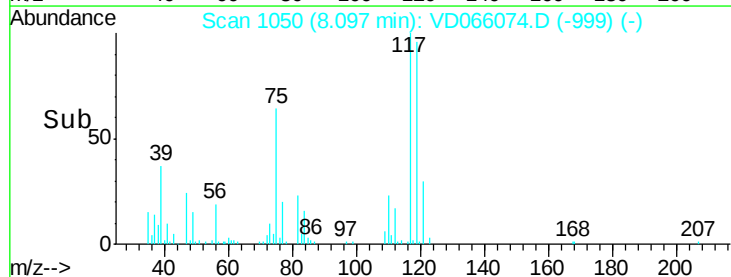
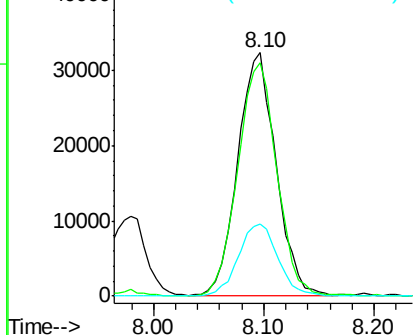


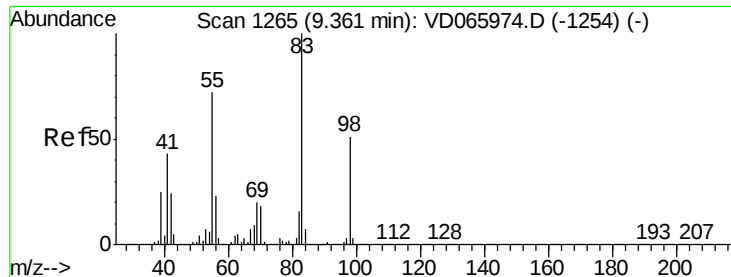
#38
Carbon Tetrachloride
Concen: 23.471 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 117 Resp: 79236
Ion Ratio Lower Upper
117 100
119 95.6 75.0 112.6
121 29.7 25.5 38.3



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

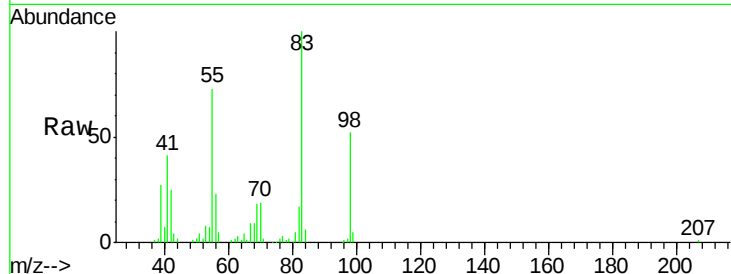




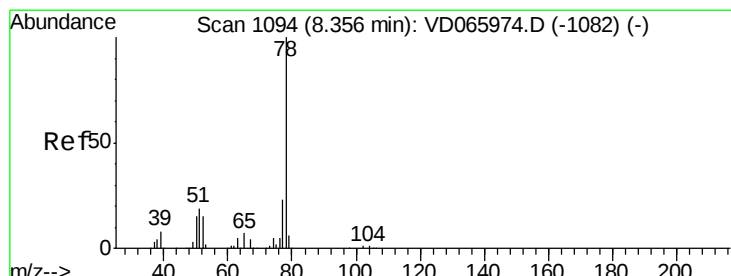
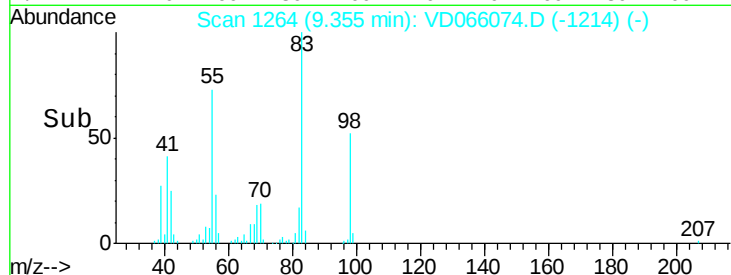
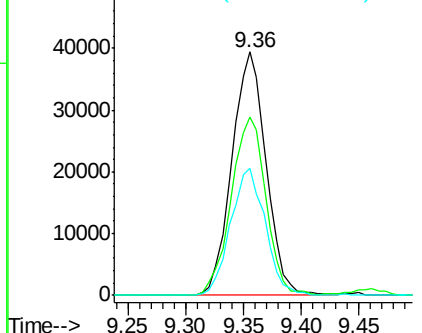
#39
Methvlcvclohexane
Concen: 21.489 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 80968
Ion Ratio Lower Upper
83 100
55 73.3 57.3 85.9
98 52.1 41.0 61.6

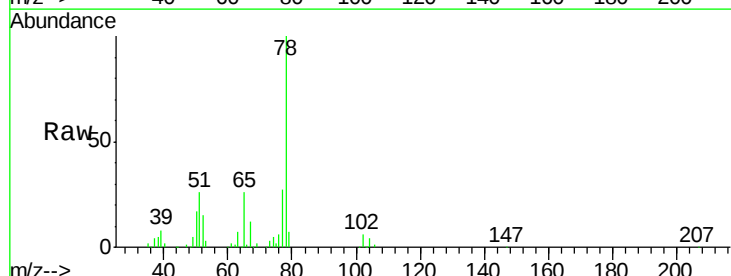


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

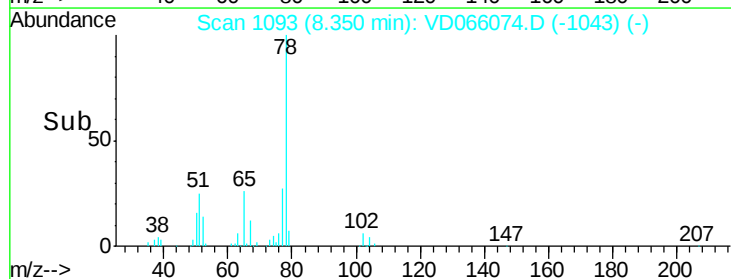
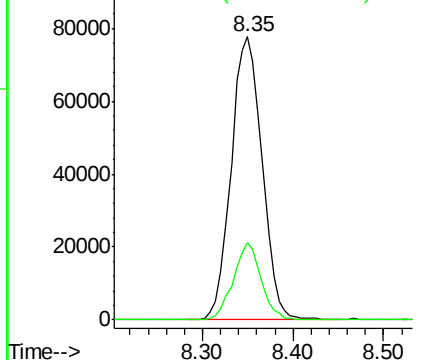


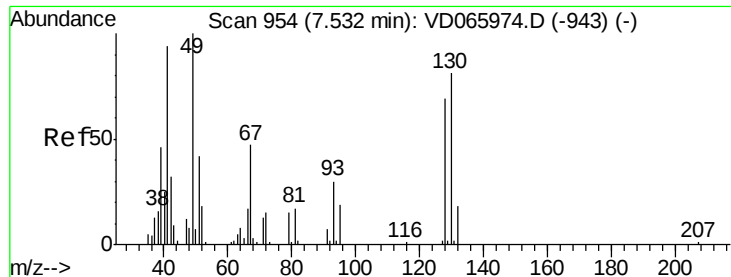
#40
Benzene
Concen: 21.177 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 78 Resp: 184334
Ion Ratio Lower Upper
78 100
77 27.3 18.6 27.8



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





#41

Methacrylonitrile

Concen: 19.328 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 41 Resp: 13156

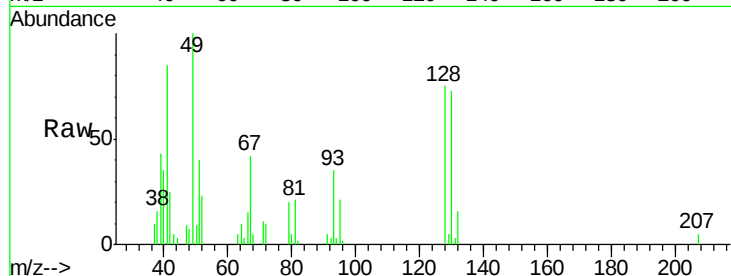
Ion Ratio Lower Upper

41 100

39 64.3 0.0 0.0#

67 75.8 0.0 0.0#

52 35.6 0.0 0.0#

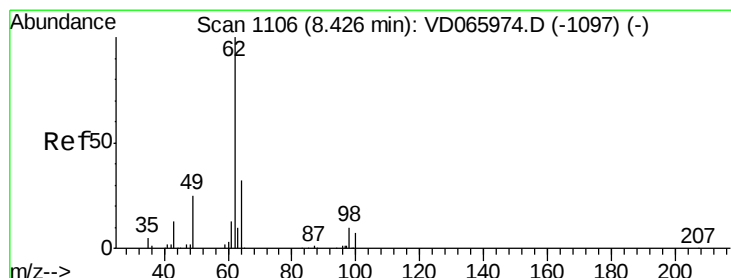
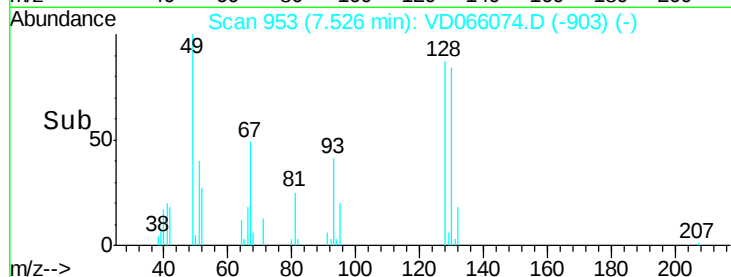
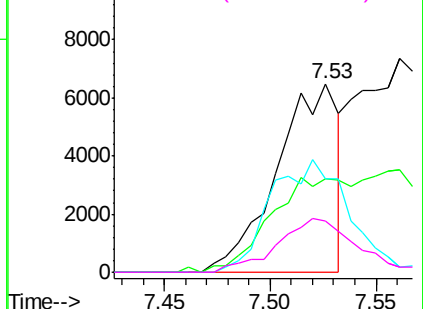


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 22.546 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VD066074.D

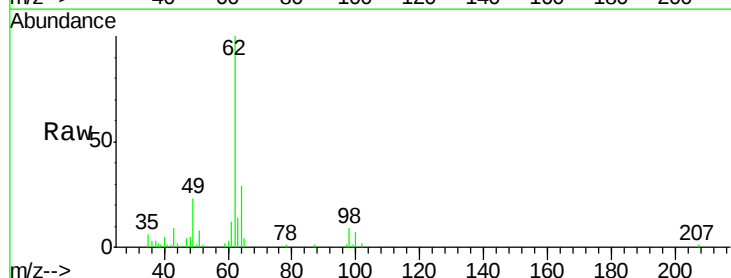
Acq: 28 Jul 2020 12:22

Tgt Ion: 62 Resp: 53777

Ion Ratio Lower Upper

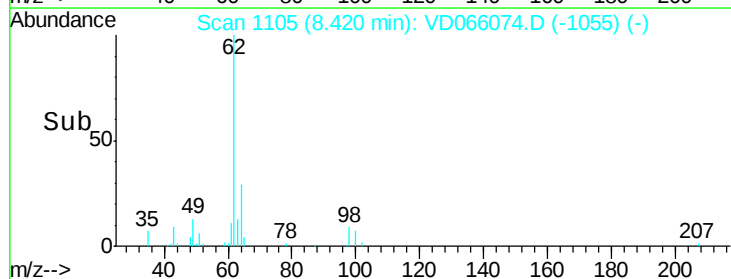
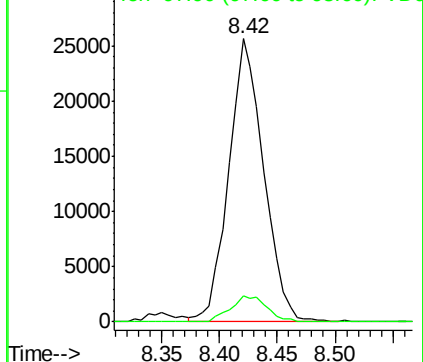
62 100

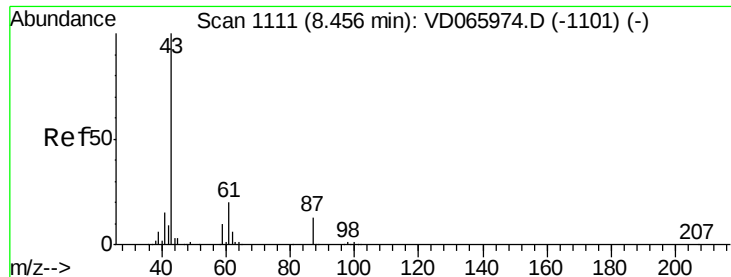
98 9.5 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.382 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

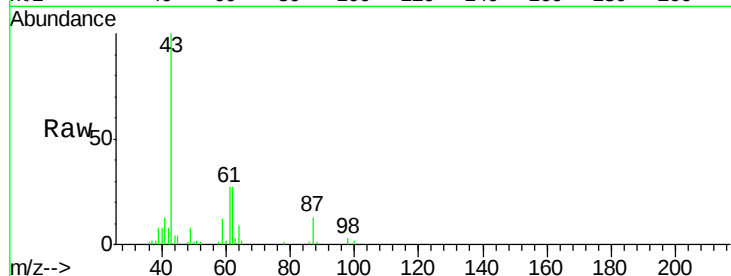
Tot Ion: 43 Resp: 44981

Ion Ratio Lower Upper

43 100

61 33.7 25.8 38.8

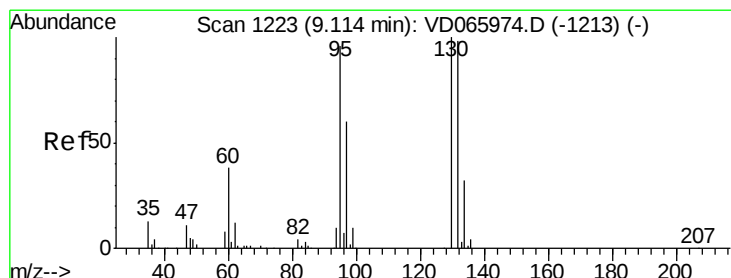
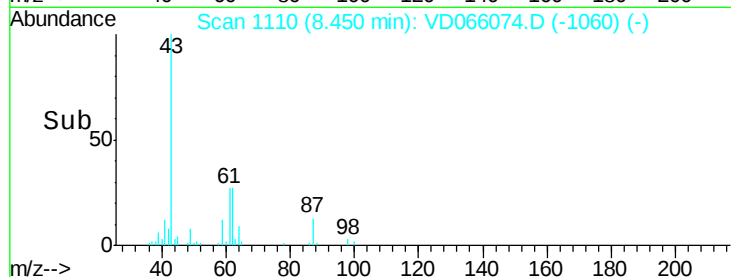
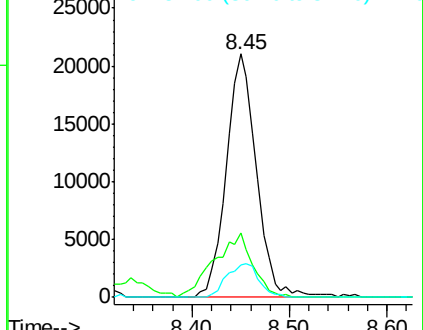
87 14.6 10.9 16.3



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: 21.675 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD066074.D

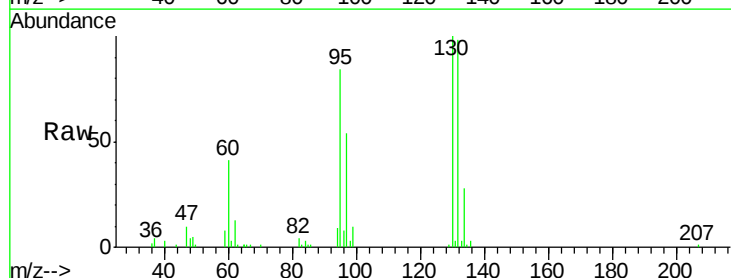
Acq: 28 Jul 2020 12:22

Tgt Ion: 130 Resp: 57094

Ion Ratio Lower Upper

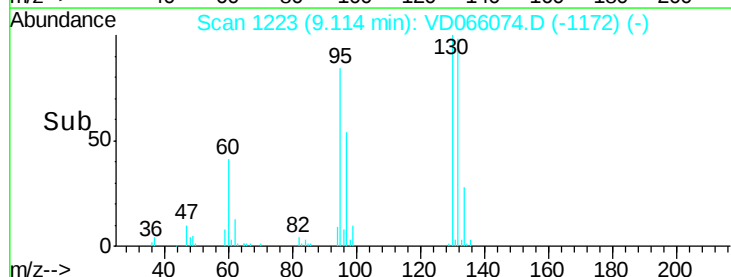
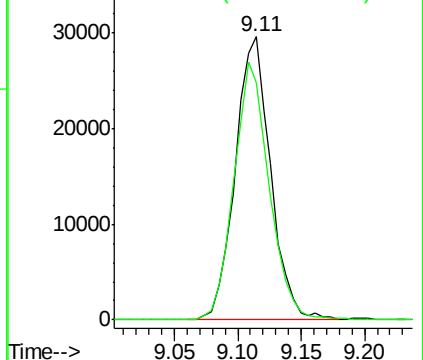
130 100

95 83.8 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.737 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

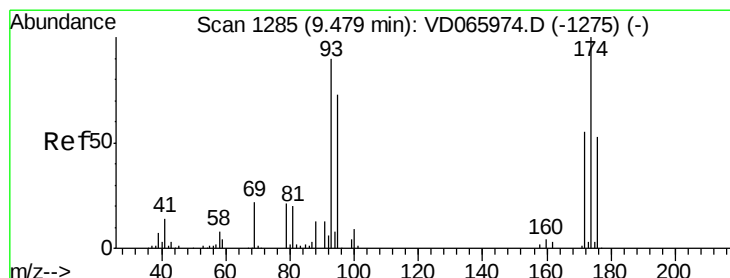
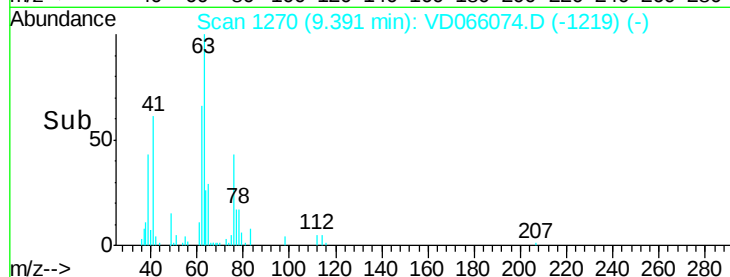
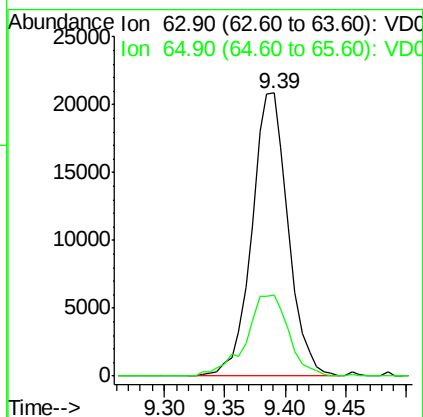
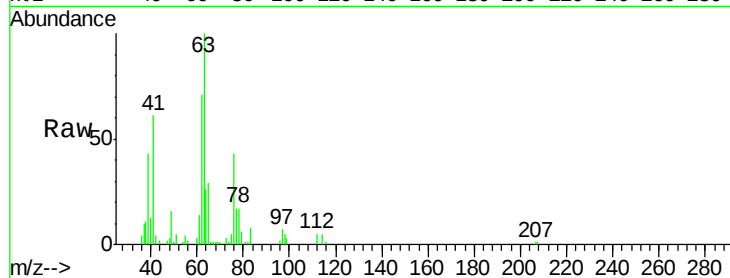
ClientSampled :

Tot Ion: 63 Resp: 43717

Ion Ratio Lower Upper

63 100

65 28.7 24.0 36.0



#46

Dibromomethane

Concen: 20.082 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

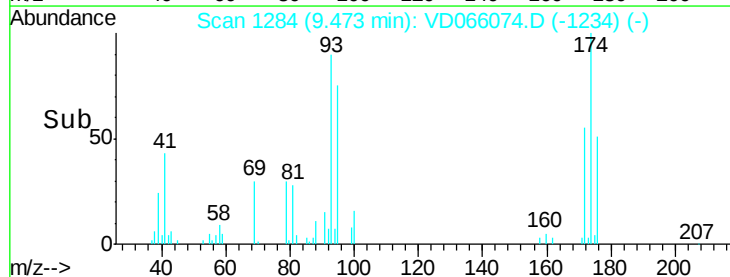
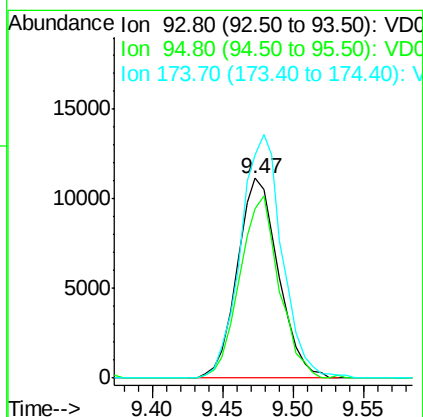
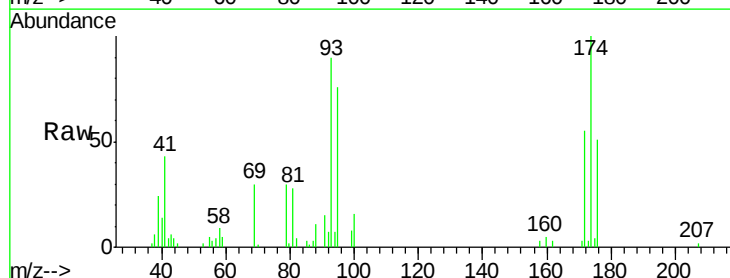
Tgt Ion: 93 Resp: 22791

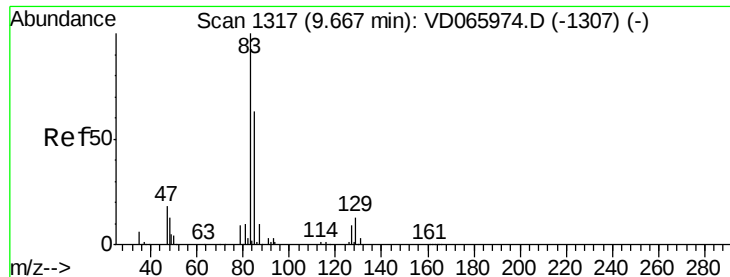
Ion Ratio Lower Upper

93 100

95 86.9 66.2 99.4

174 123.3 91.5 137.3





#47

Bromodichloromethane

Concen: 21.692 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

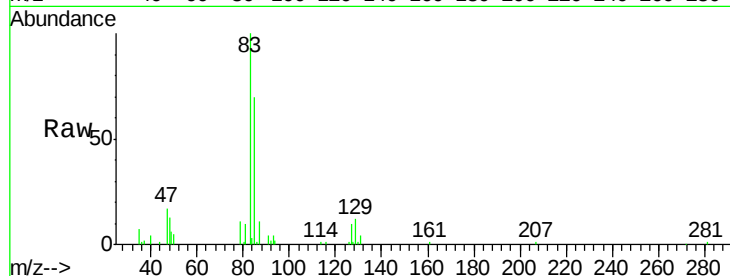
Tot Ion: 83 Resp: 65092

Ion Ratio Lower Upper

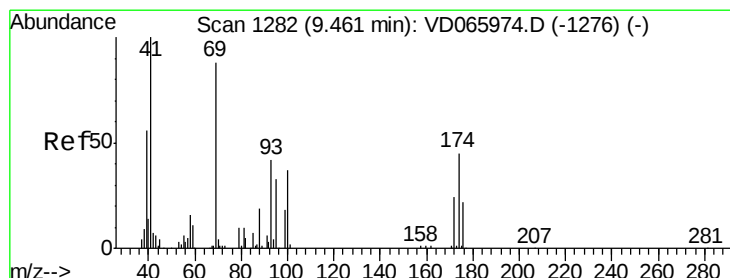
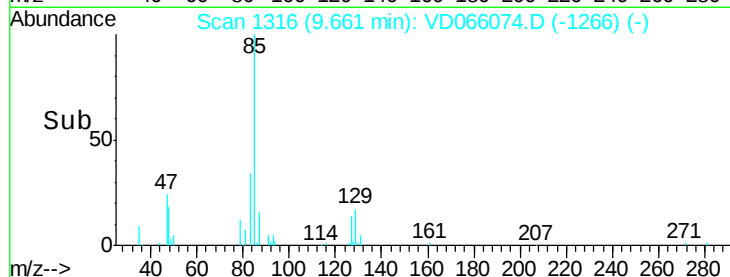
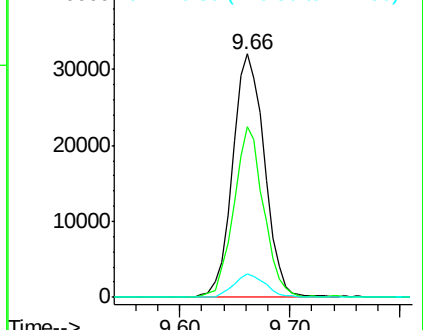
83 100

85 70.2 50.6 75.8

127 9.8 7.1 10.7



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



#48

Methyl methacrylate

Concen: 20.535 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

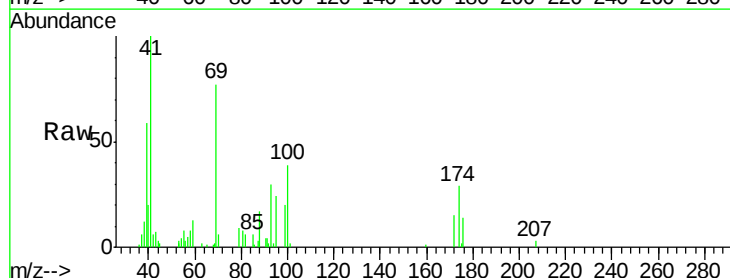
Tgt Ion: 41 Resp: 24039

Ion Ratio Lower Upper

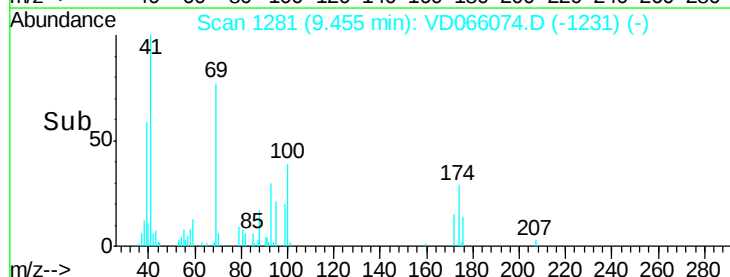
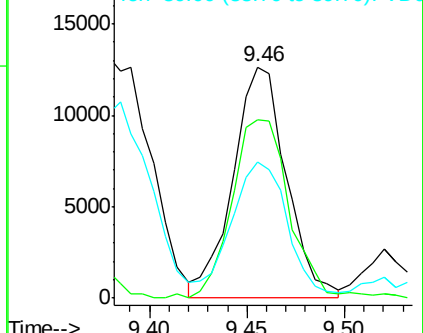
41 100

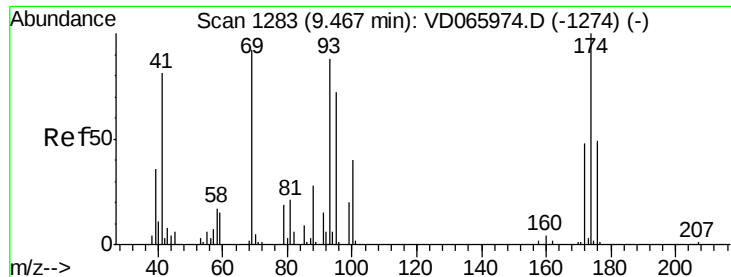
69 83.2 65.1 97.7

39 56.9 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

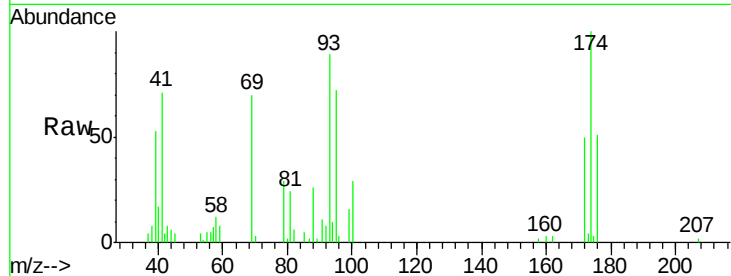




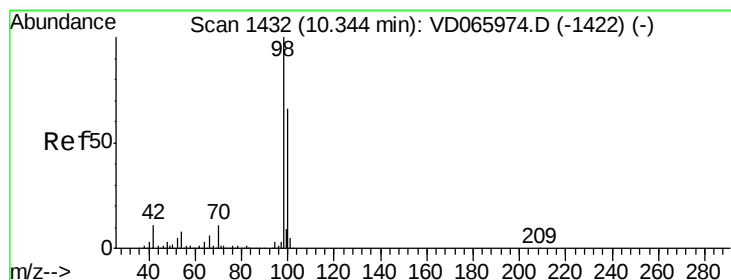
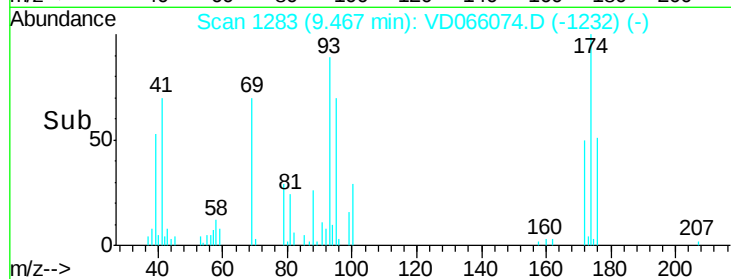
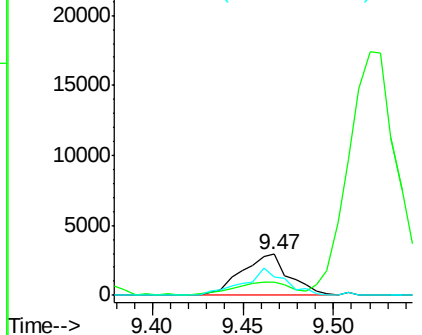
#49
1,4-Dioxane
Concen: 412.531 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 5424
Ion Ratio Lower Upper
88 100
43 39.7 29.0 43.6
58 56.3 57.0 85.4#

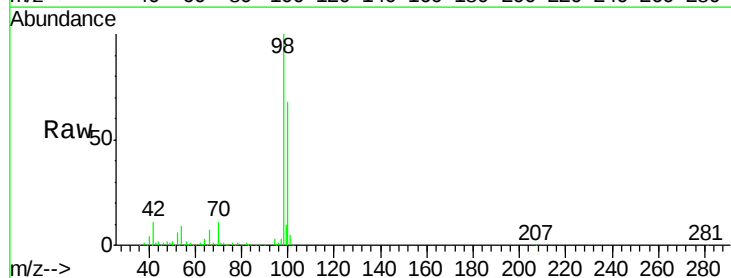


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

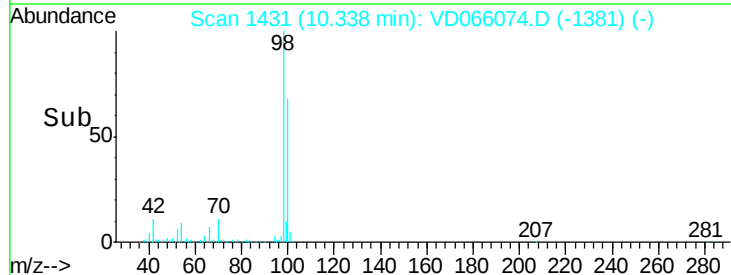
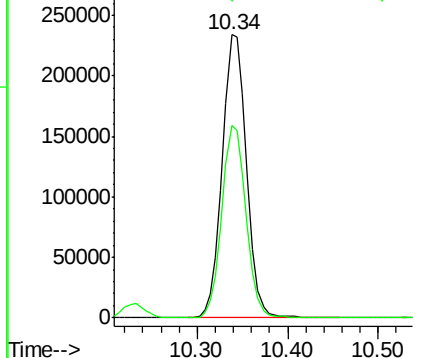


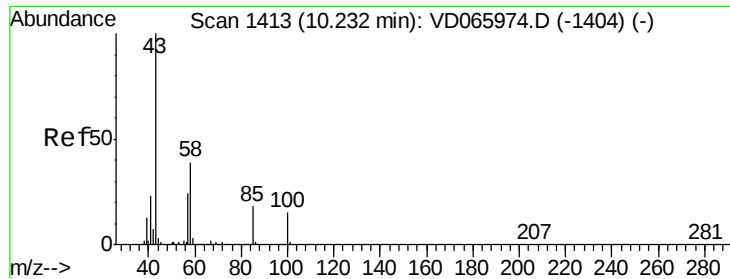
#50
Toluene-d8
Concen: 52.758 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 98 Resp: 434570
Ion Ratio Lower Upper
98 100
100 67.5 52.7 79.1



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





#51

4-Methyl-2-Pentanone

Concen: 94.292 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

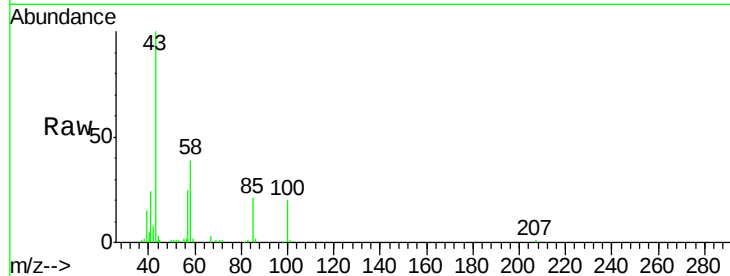
ClientSampleId :

Tot Ion: 43 Resp: 110257

Ion Ratio Lower Upper

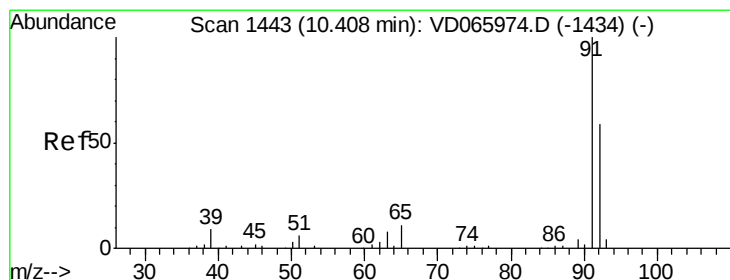
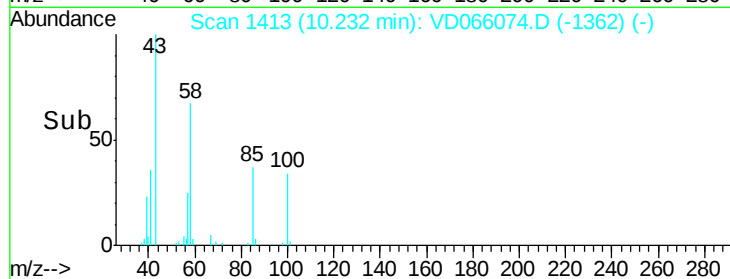
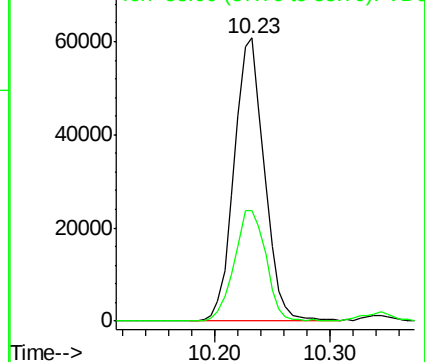
43 100

58 41.1 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: 21.988 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD066074.D

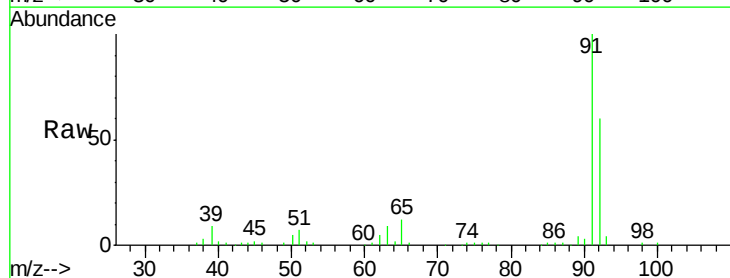
Acq: 28 Jul 2020 12:22

Tgt Ion: 92 Resp: 124812

Ion Ratio Lower Upper

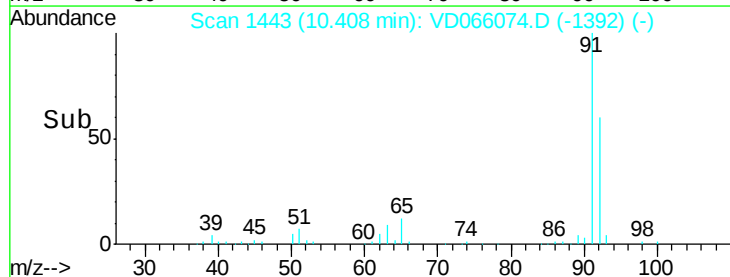
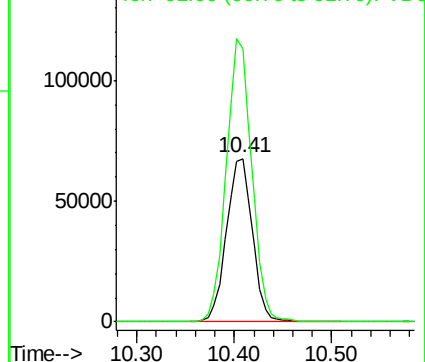
92 100

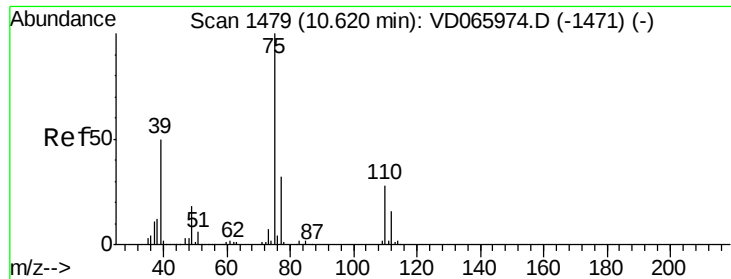
91 170.4 134.5 201.7



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: 22.285 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

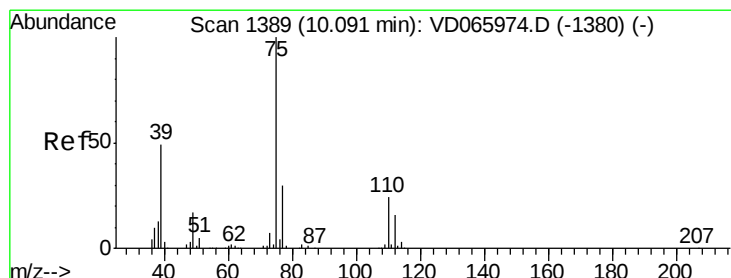
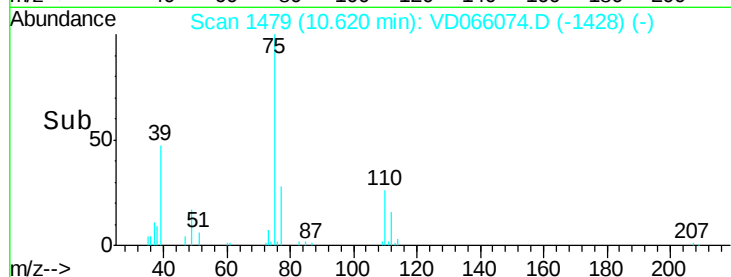
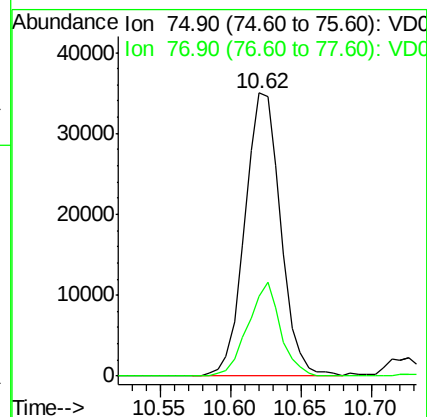
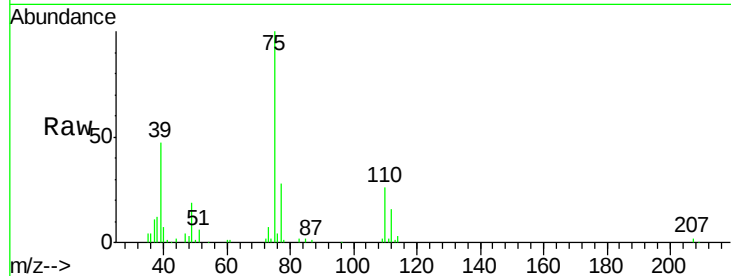
ClientSampleId :

Tot Ion: 75 Resp: 62301

Ion Ratio Lower Upper

75 100

77 28.1 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 21.727 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

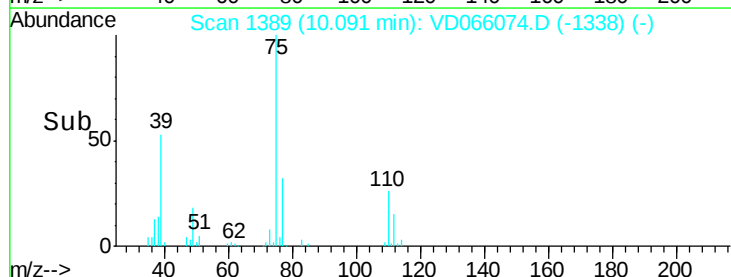
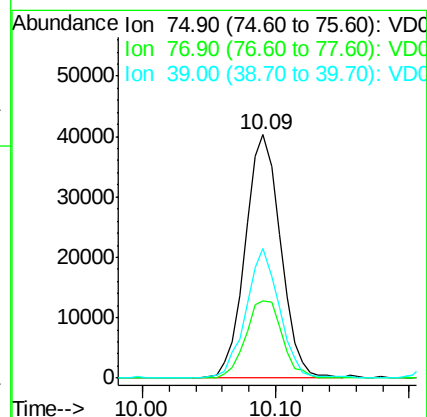
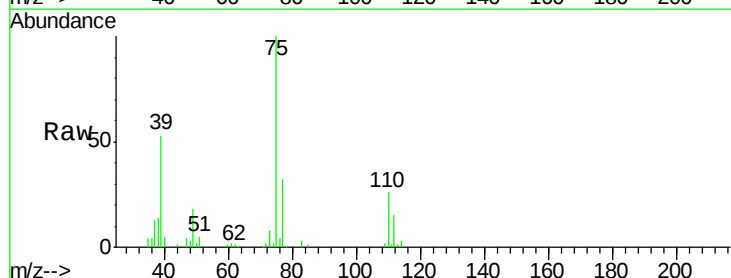
Tgt Ion: 75 Resp: 73629

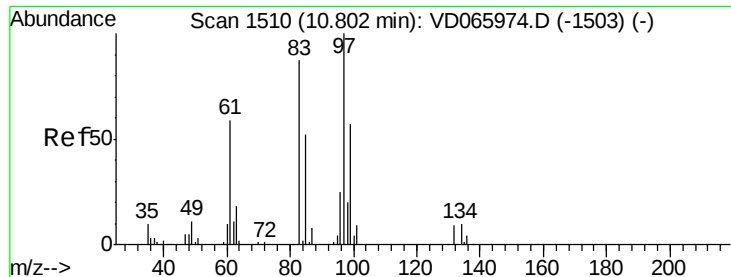
Ion Ratio Lower Upper

75 100

77 31.6 23.8 35.8

39 53.1 38.8 58.2

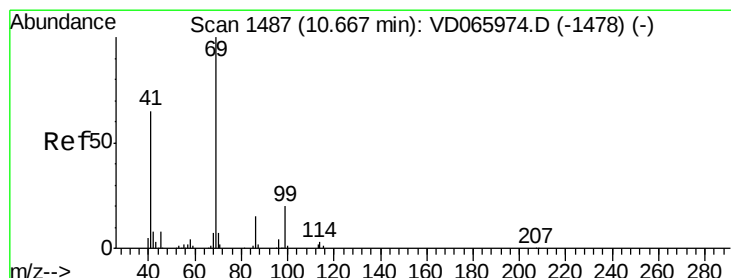
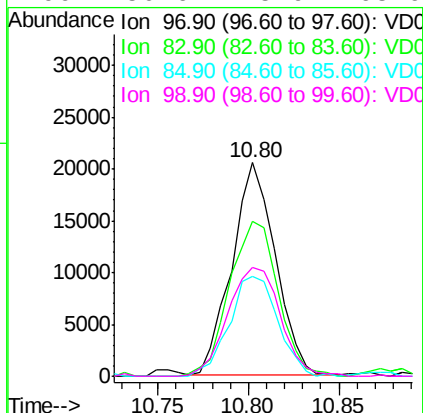
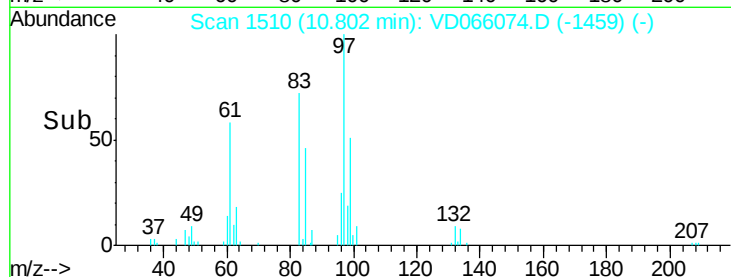
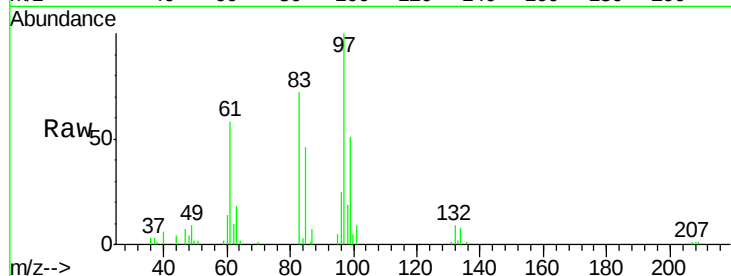




#55
 1,1,2-Trichloroethane
 Concen: 21.285 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

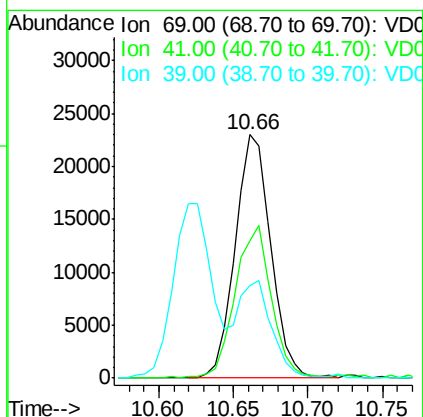
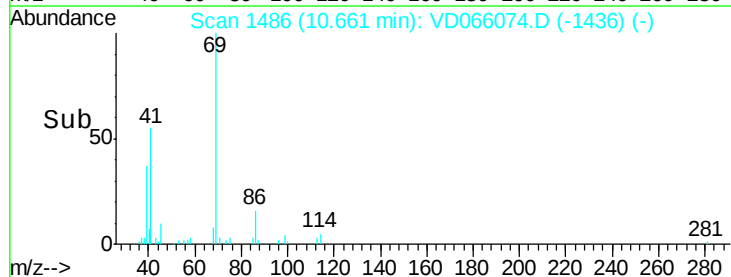
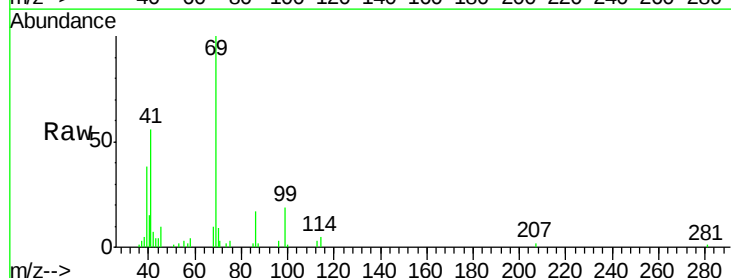
Instrument :
 MSVOA_D
 ClientSampleId :

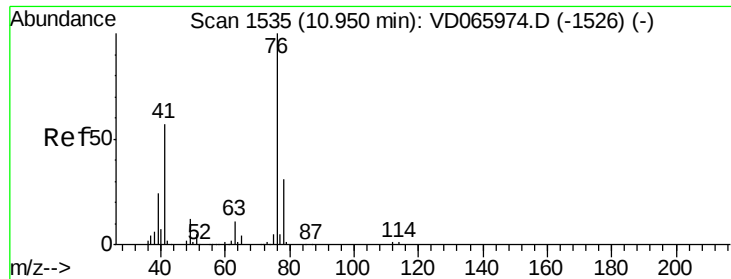
Tot Ion:	97	Resp:	34259
Ion	Ratio	Lower	Upper
97	100		
83	73.0	69.7	104.5
85	46.9	41.6	62.4
99	50.6	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 20.398 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion:	69	Resp:	38172
Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.3	78.5
39	38.4	25.2	37.8#

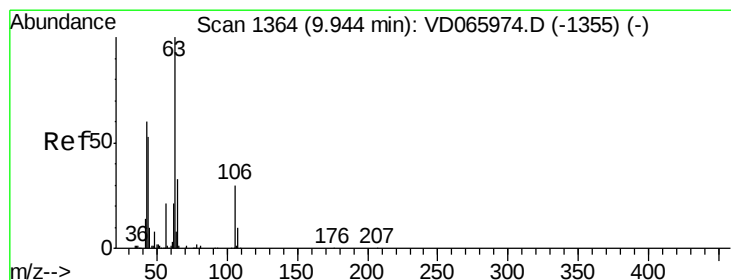
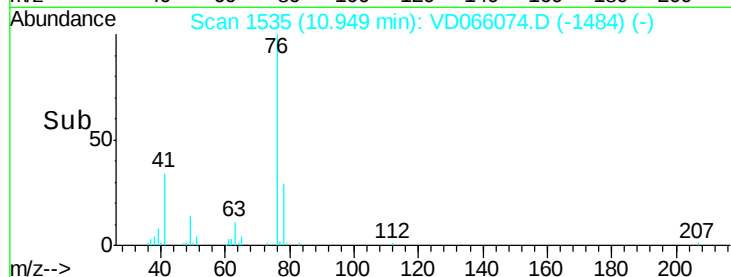
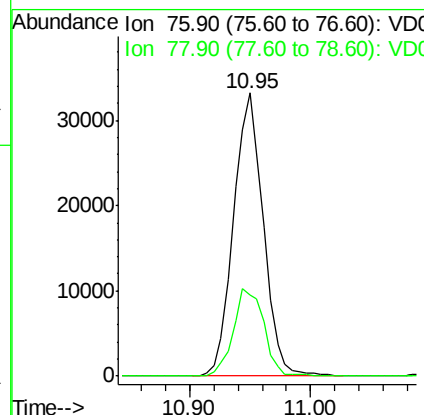
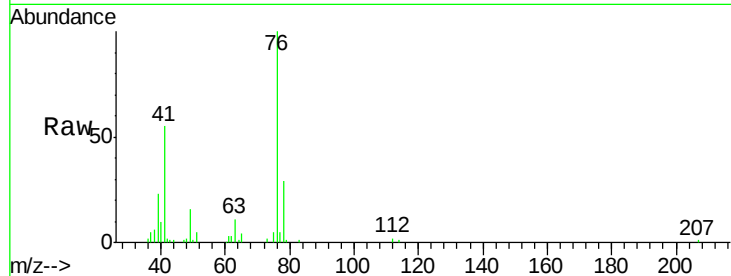




#57
 1,3-Dichloropropane
 Concen: 21.397 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

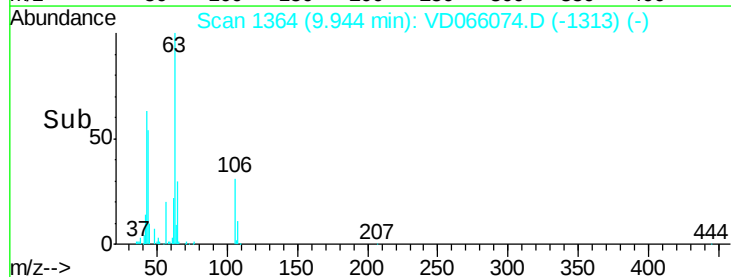
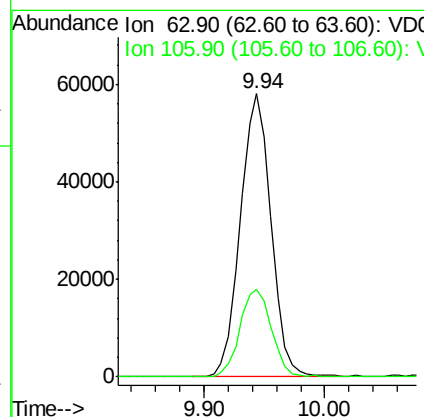
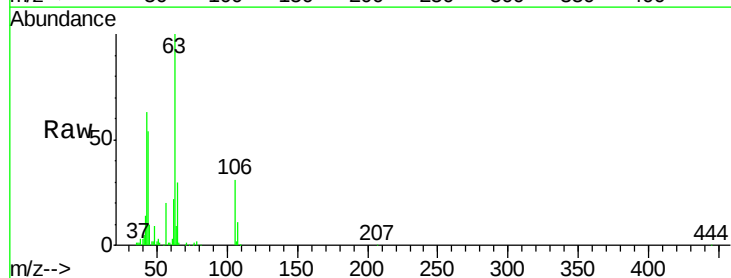
Instrument :
 MSVOA_D
 ClientSampleId :

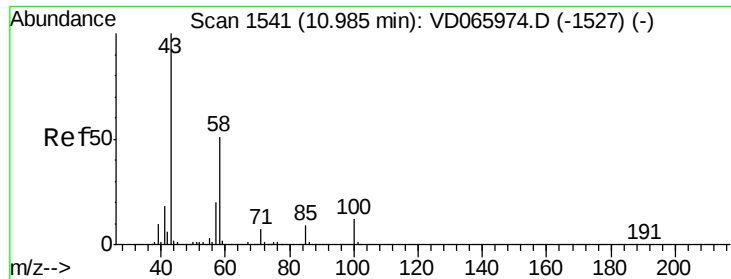
Tot Ion: 76 Resp: 57012
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.057 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion: 63 Resp: 102854
 Ion Ratio Lower Upper
 63 100
 106 31.6 24.4 36.6

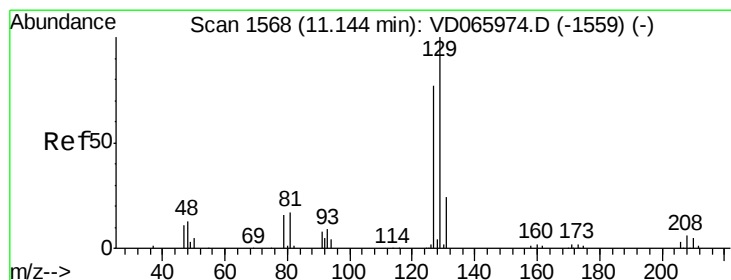
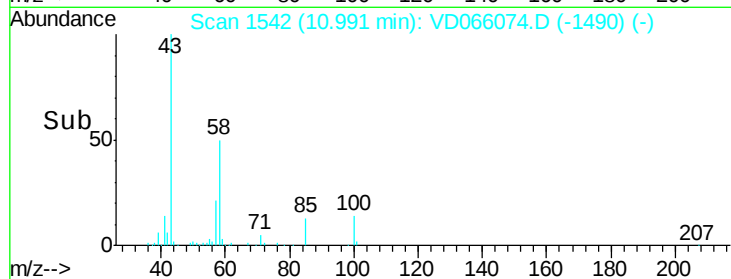
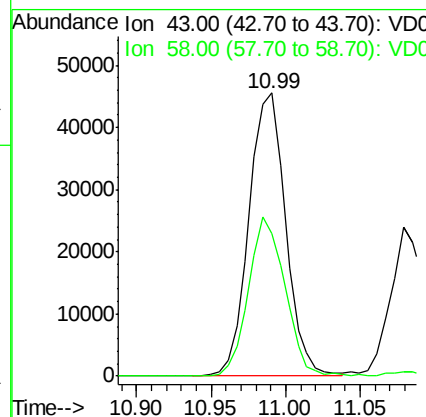
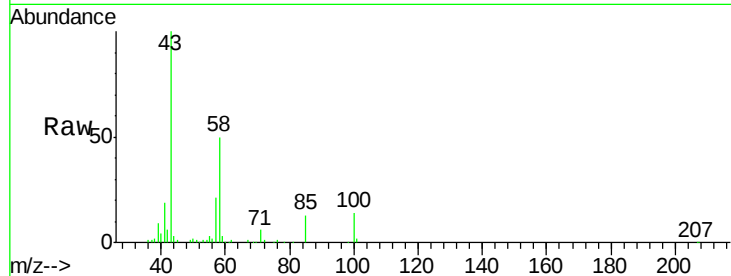




#59
2-Hexanone
Concen: 95.807 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

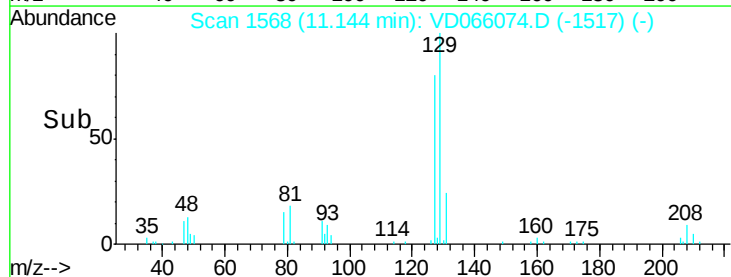
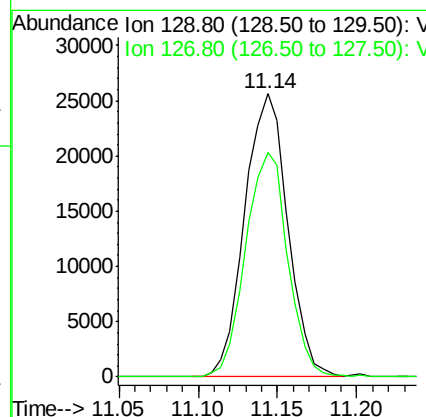
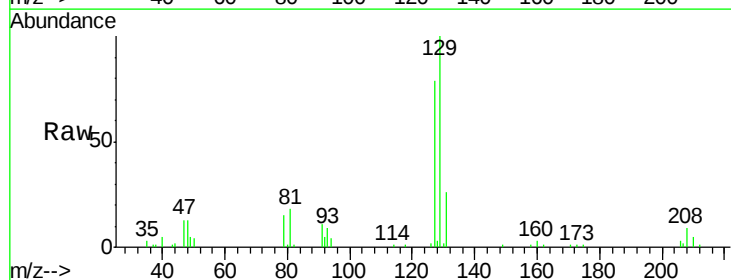
Instrument :
MSVOA_D
ClientSampleId :

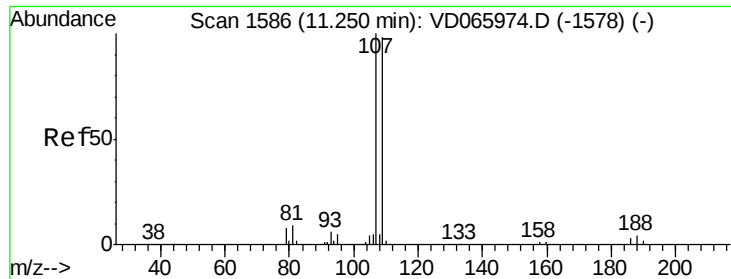
Tot Ion: 43 Resp: 77635
Ion Ratio Lower Upper
43 100
58 55.8 26.2 78.6



#60
Dibromochloromethane
Concen: 22.257 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 129 Resp: 48301
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7

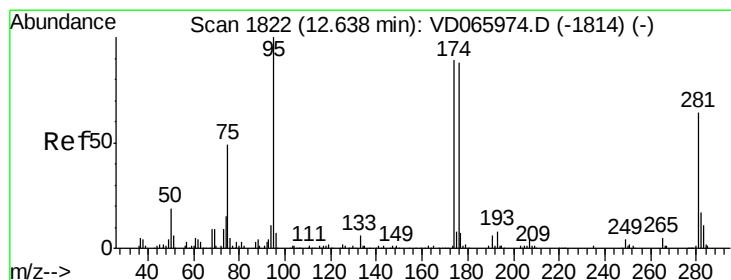
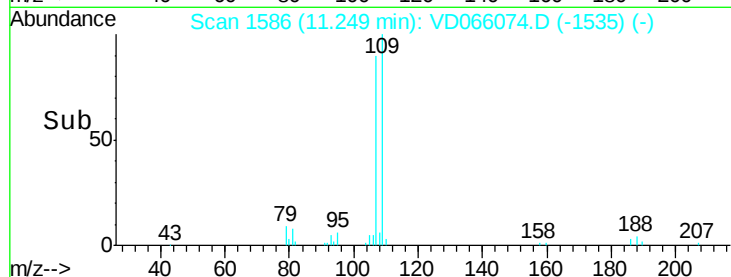
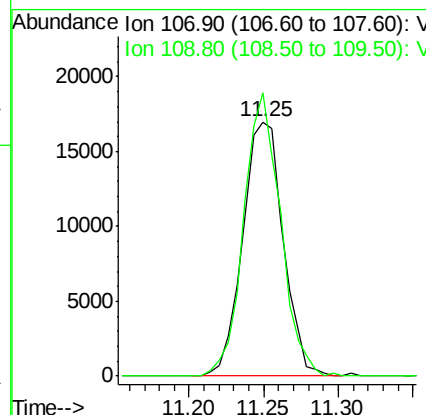
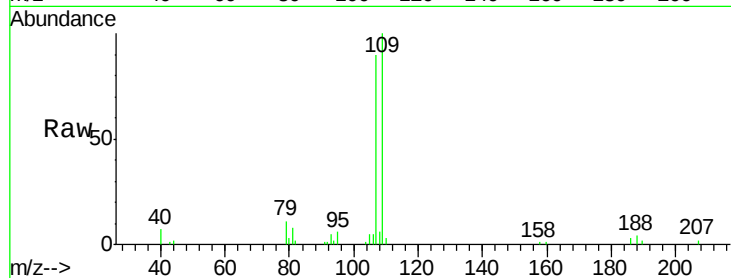




#61
 1,2-Dibromoethane
 Concen: 20.521 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

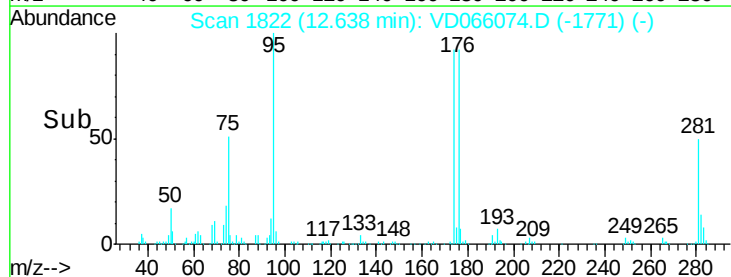
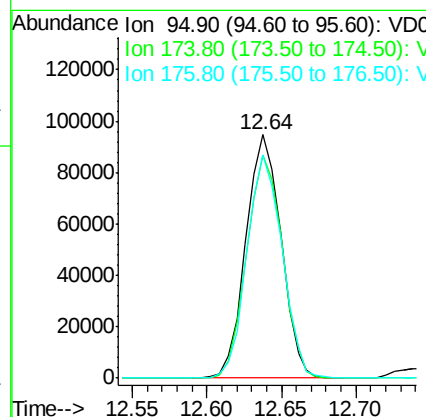
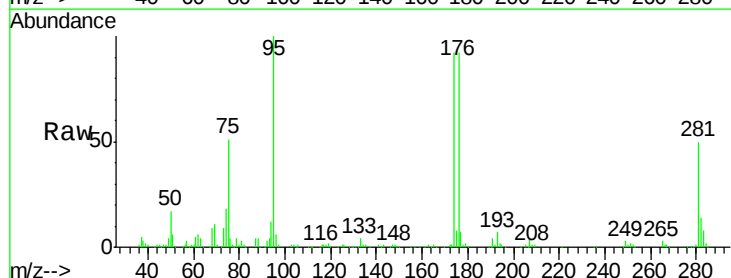
Instrument :
 MSVOA_D
 ClientSampleId :

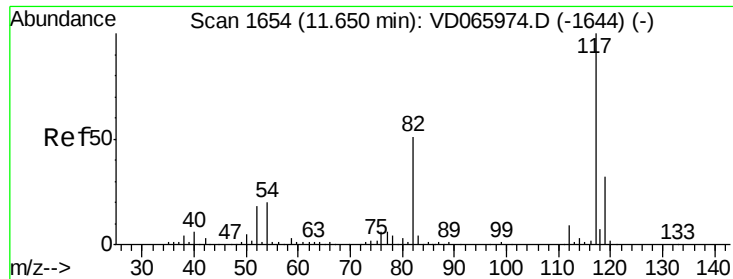
Tot Ion:107 Resp: 31846
 Ion Ratio Lower Upper
 107 100
 109 101.5 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 54.260 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion: 95 Resp: 154974
 Ion Ratio Lower Upper
 95 100
 174 92.7 0.0 178.8
 176 91.3 0.0 172.6

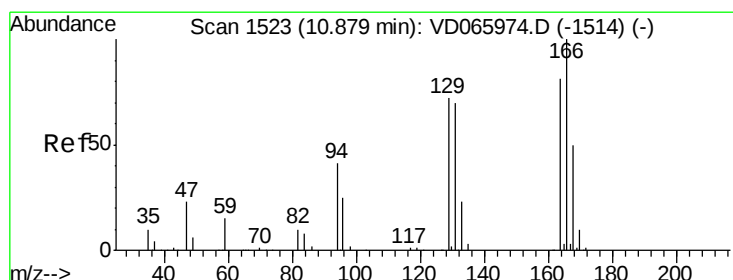
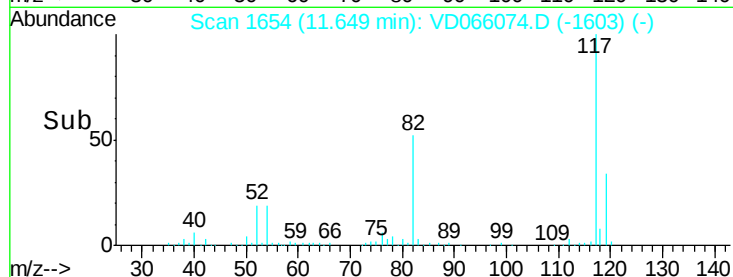
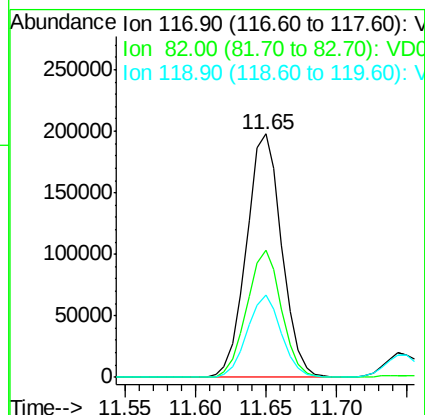
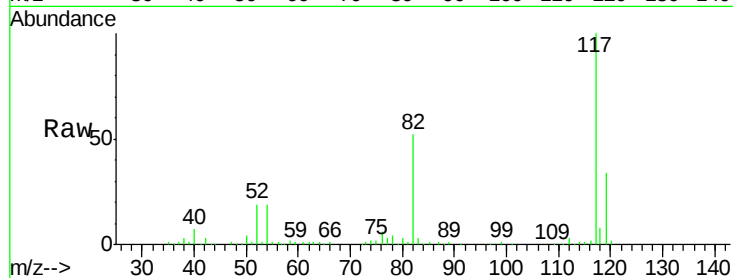




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

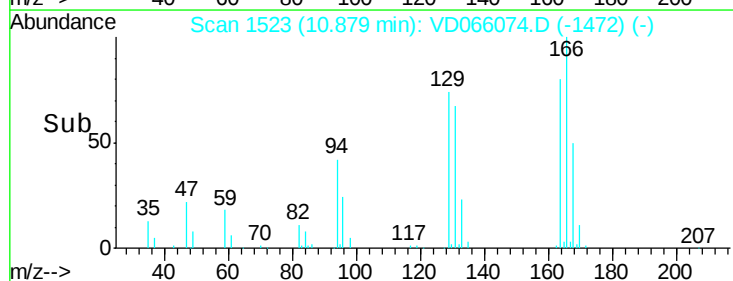
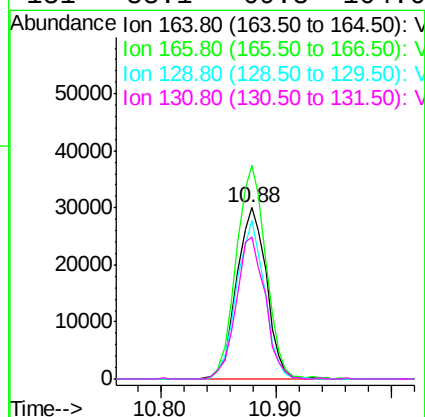
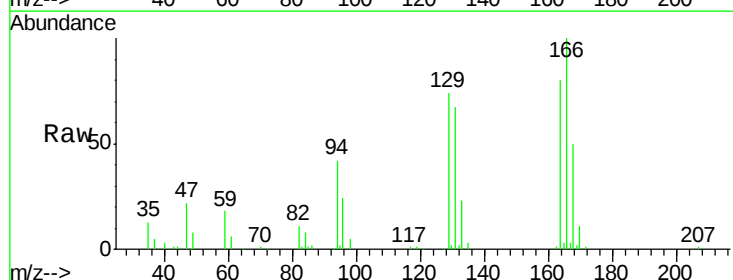
Instrument :
MSVOA_D
ClientSampleId :

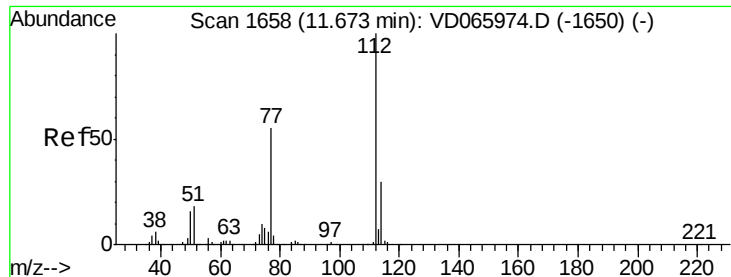
Tot Ion:117 Resp: 346221
Ion Ratio Lower Upper
117 100
82 52.4 41.1 61.7
119 33.6 25.9 38.9



#64
Tetrachloroethene
Concen: 22.913 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion:164 Resp: 53843
Ion Ratio Lower Upper
164 100
166 124.8 99.1 148.7
129 92.4 71.5 107.3
131 83.1 69.8 104.6

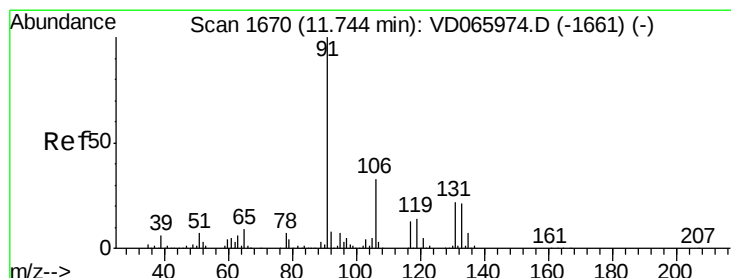
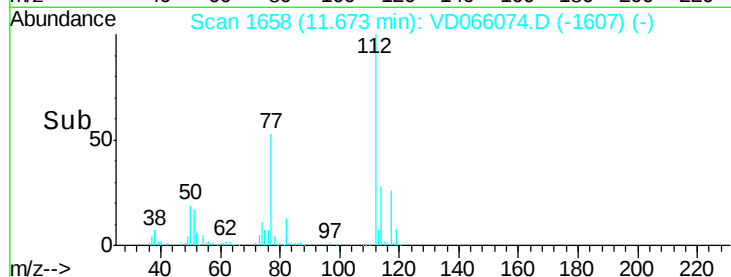
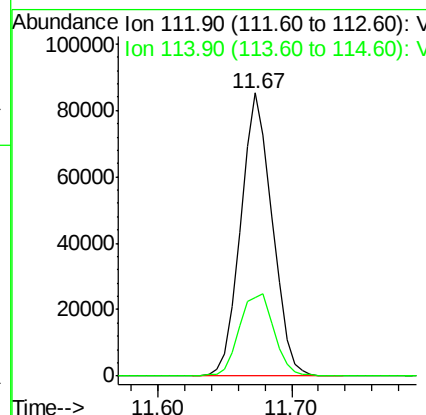
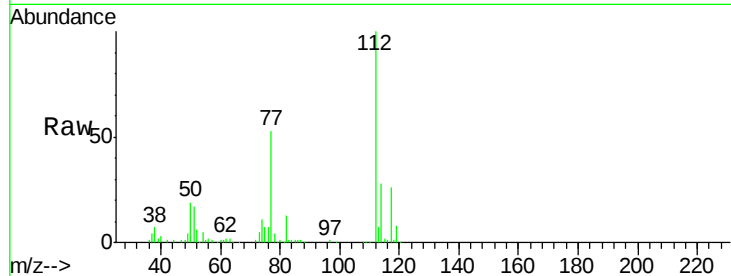




#65
Chlorobenzene
Concen: 21.949 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

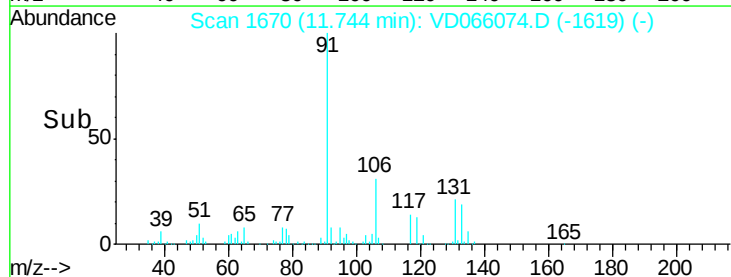
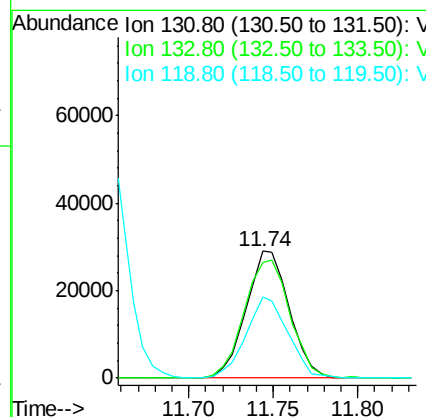
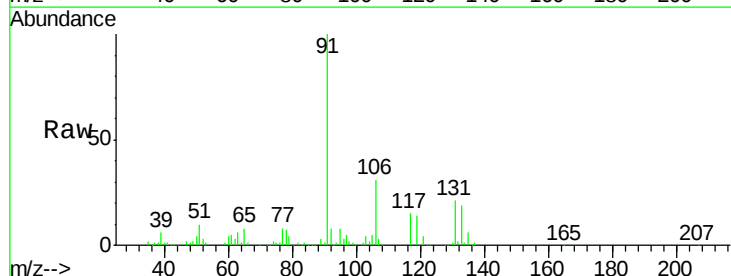
Instrument :
MSVOA_D
ClientSampleId :

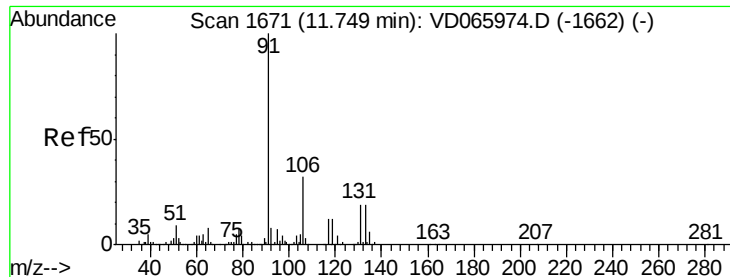
Tot Ion:112 Resp: 139140
Ion Ratio Lower Upper
112 100
114 28.0 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.027 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion:131 Resp: 51559
Ion Ratio Lower Upper
131 100
133 99.0 47.3 142.0
119 62.7 31.7 95.1





#67

Ethyl Benzene

Concen: 22.120 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

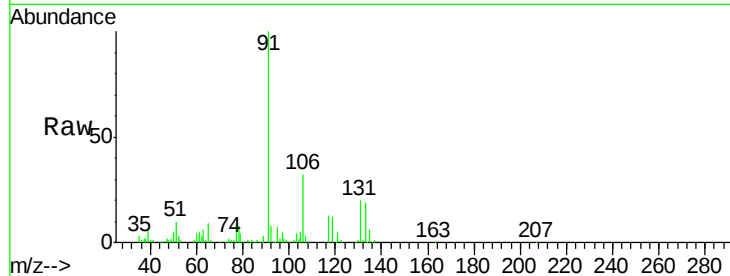
ClientSampleId :

Tot Ion: 91 Resp: 241307

Ion Ratio Lower Upper

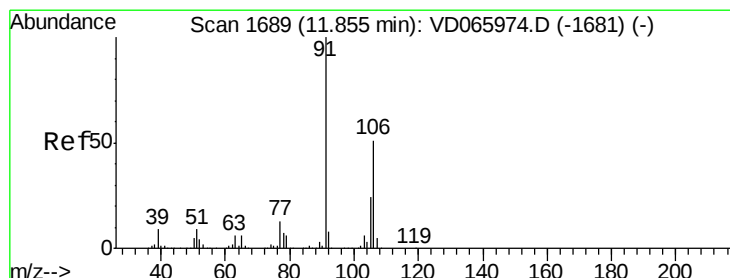
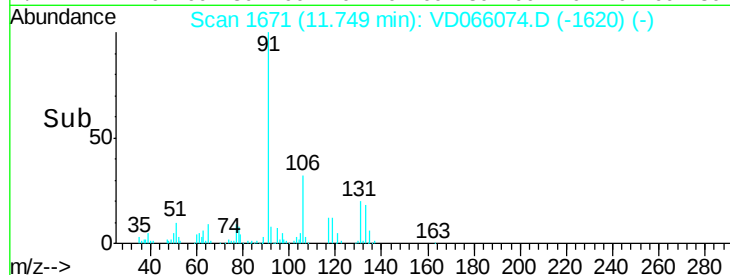
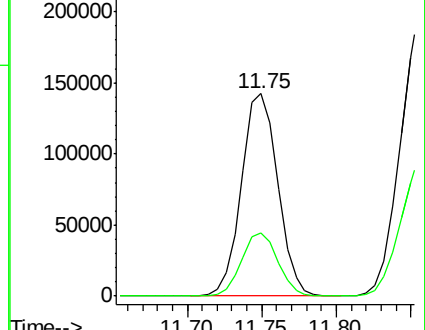
91 100

106 31.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 44.718 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066074.D

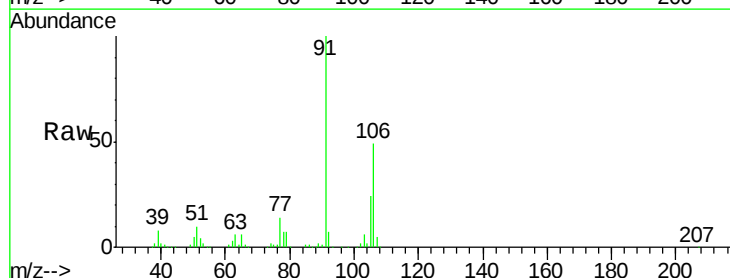
Acq: 28 Jul 2020 12:22

Tgt Ion: 106 Resp: 187502

Ion Ratio Lower Upper

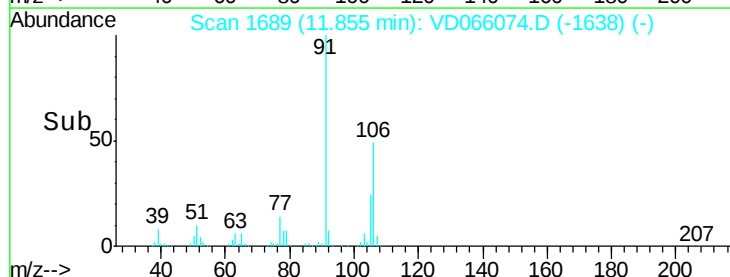
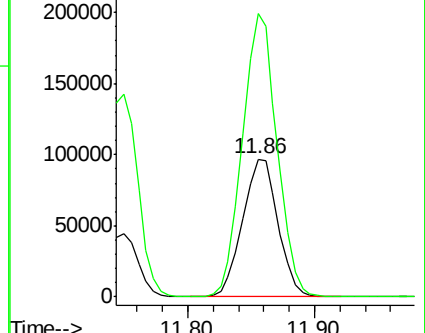
106 100

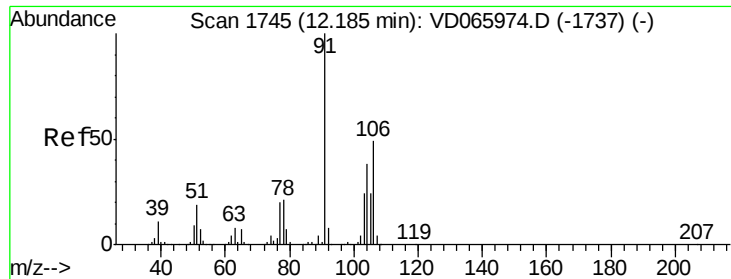
91 200.7 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

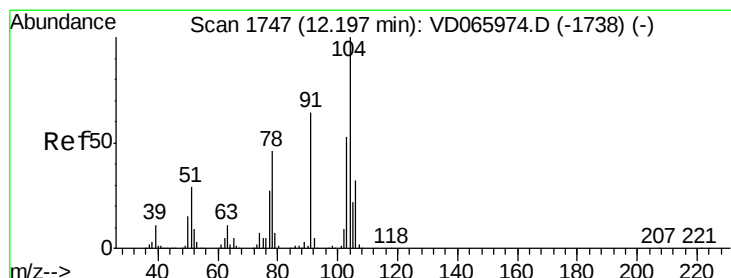
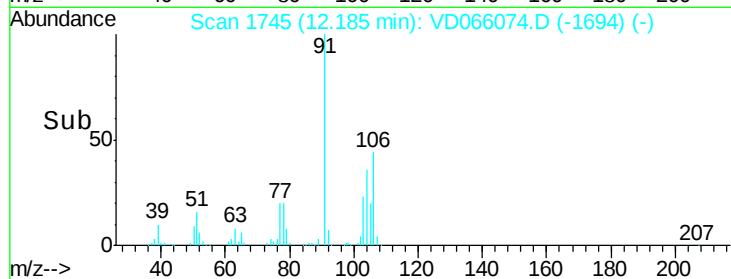
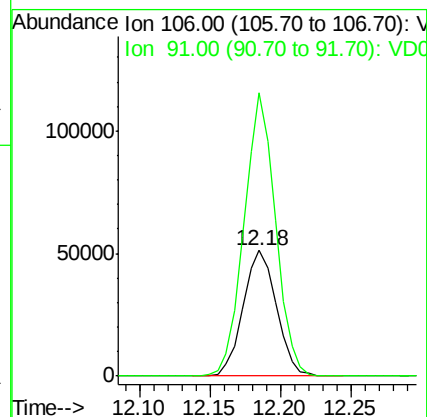
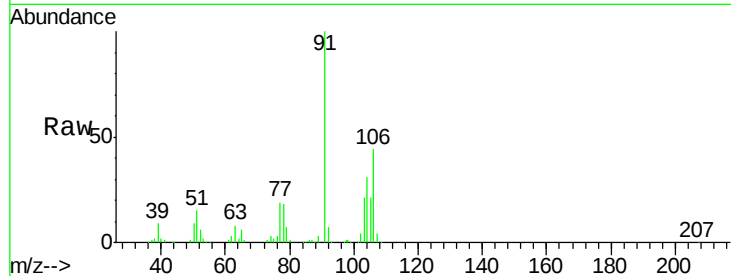




#69
o-Xylene
Concen: 22.285 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

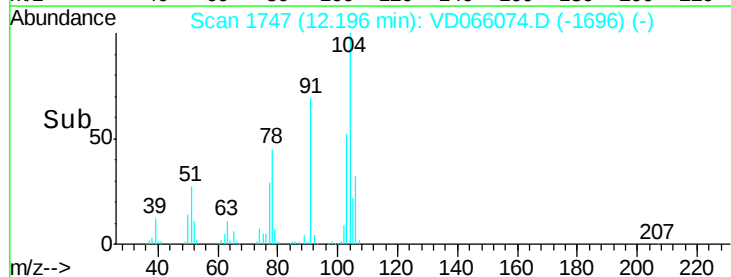
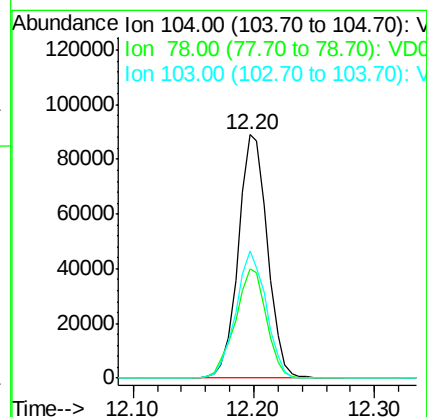
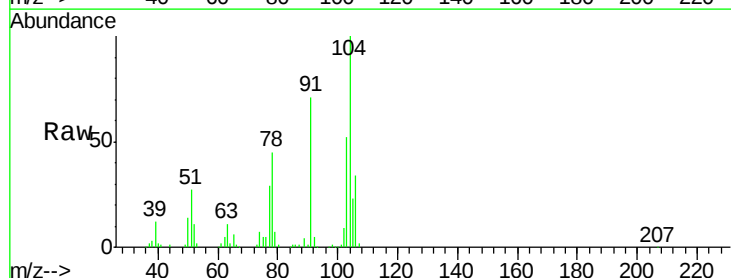
Instrument :
MSVOA_D
ClientSampleID :

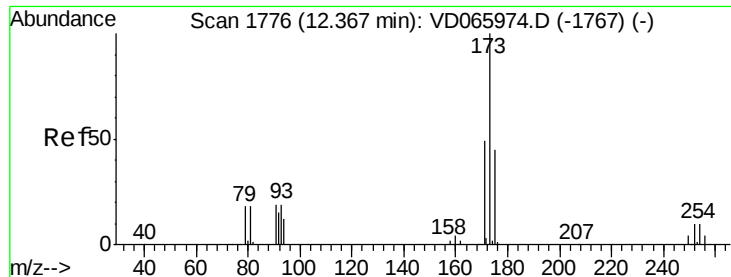
Tot Ion:106 Resp: 84987
Ion Ratio Lower Upper
106 100
91 211.7 103.1 309.3



#70
Styrene
Concen: 22.783 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion:104 Resp: 149289
Ion Ratio Lower Upper
104 100
78 47.9 38.3 57.5
103 54.3 43.8 65.8





#71

Bromoform

Concen: 21.744 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

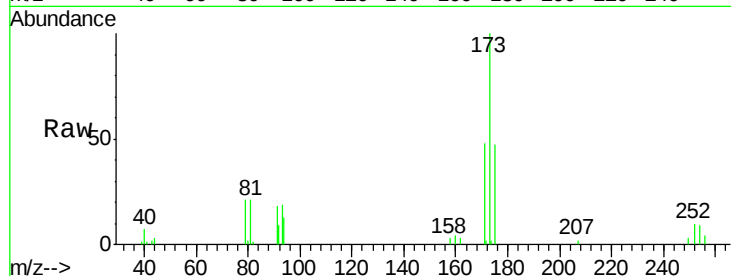
Tot Ion:173 Resp: 29813

Ion Ratio Lower Upper

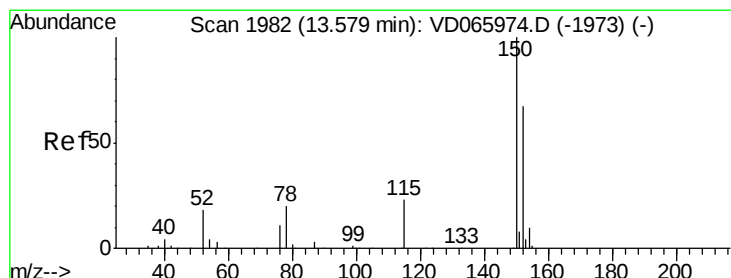
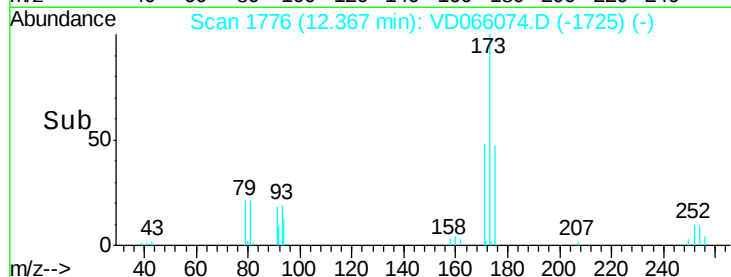
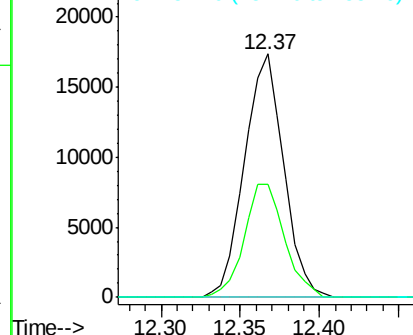
173 100

175 48.1 24.1 72.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

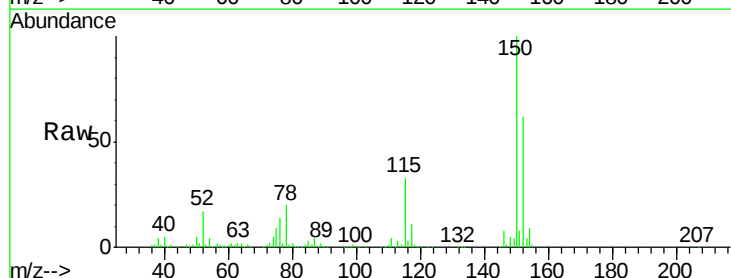
Tgt Ion:152 Resp: 191826

Ion Ratio Lower Upper

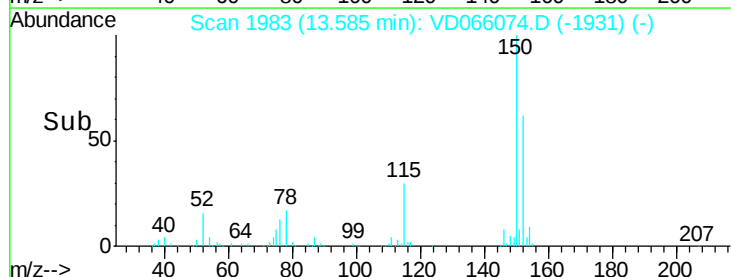
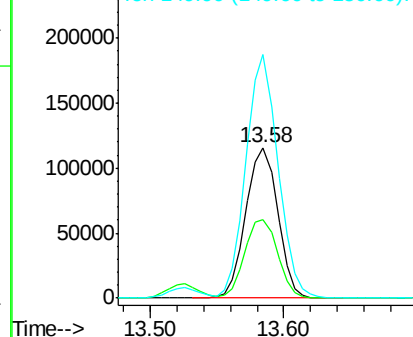
152 100

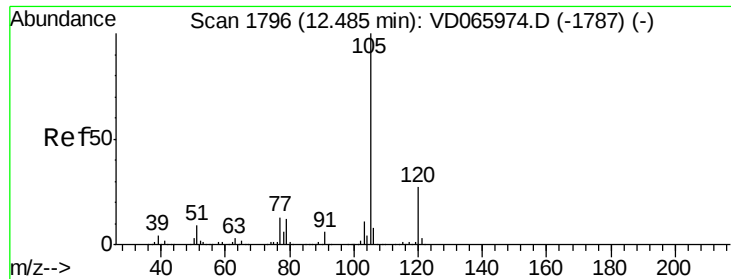
115 54.2 27.9 83.7

150 162.0 0.0 348.2



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





#73

Isopropylbenzene

Concen: 20.814 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

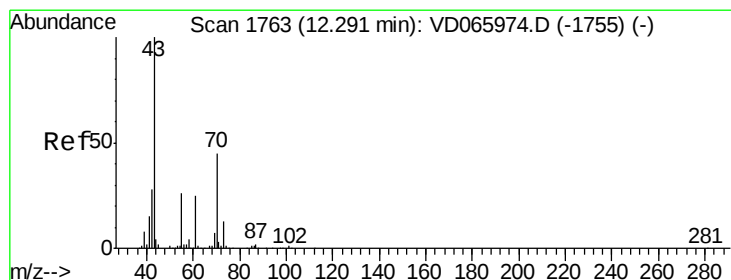
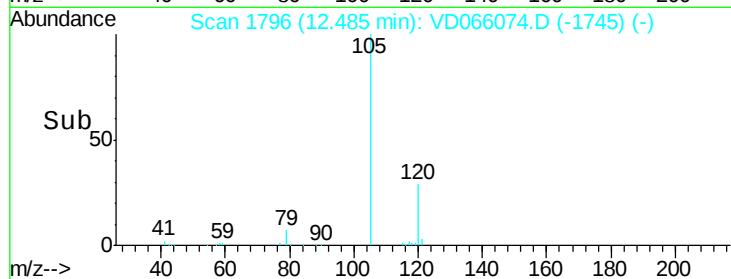
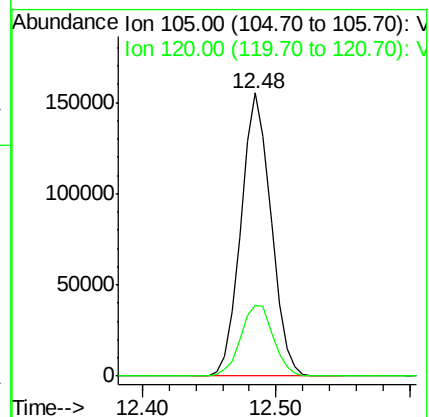
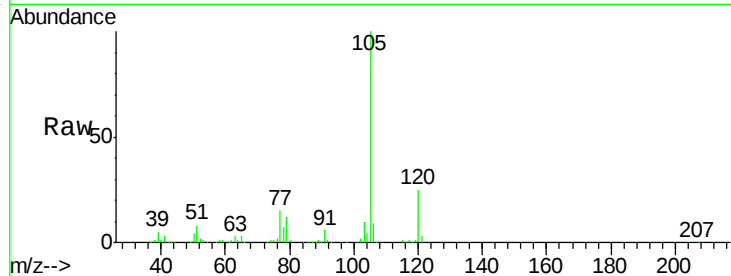
ClientSampleId :

Tot Ion:105 Resp: 241593

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



#74

N-ethyl acetate

Concen: 17.825 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion: 43 Resp: 42899

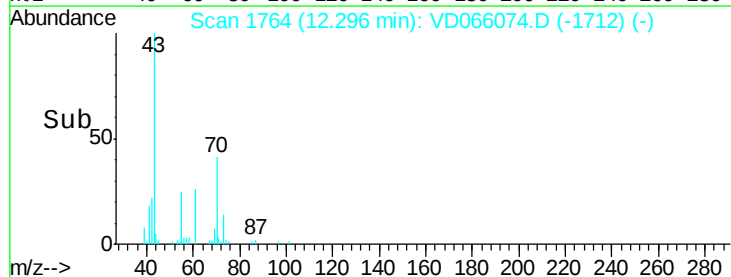
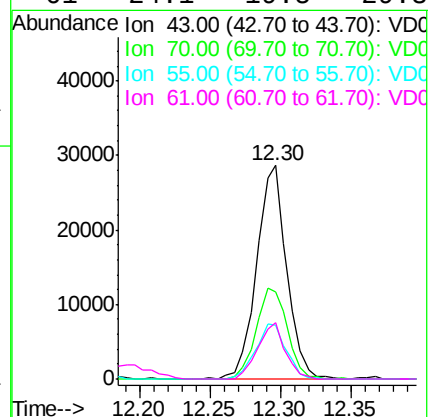
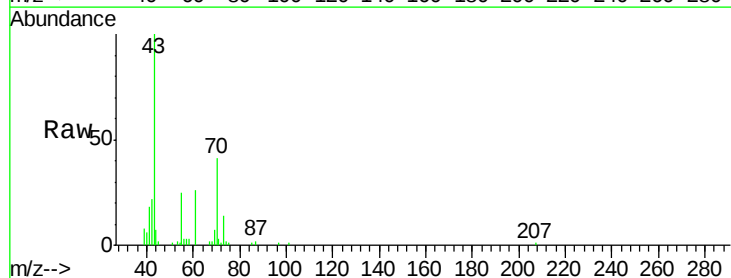
Ion Ratio Lower Upper

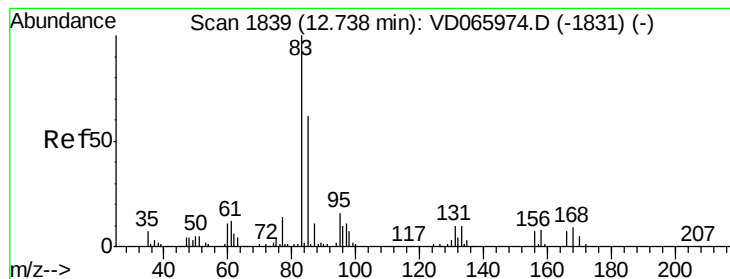
43 100

70 43.9 34.6 51.8

55 26.2 20.3 30.5

61 24.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.626 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

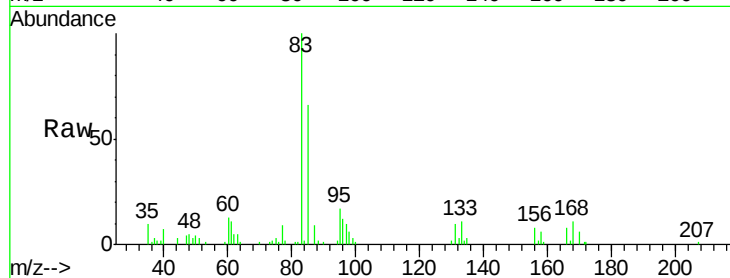
Tot Ion: 83 Resp: 35729

Ion	Ratio	Lower	Upper
83	100		
131	12.6	5.7	17.1
85	64.7	31.9	95.5

83 100

131 12.6 5.7 17.1

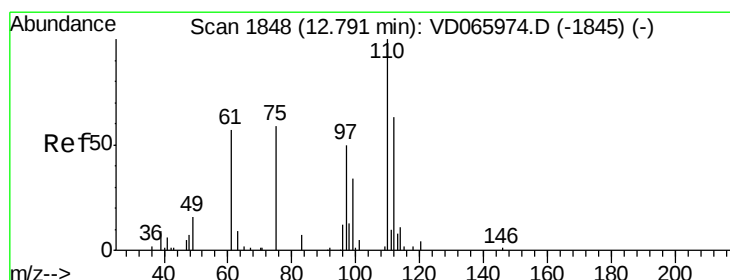
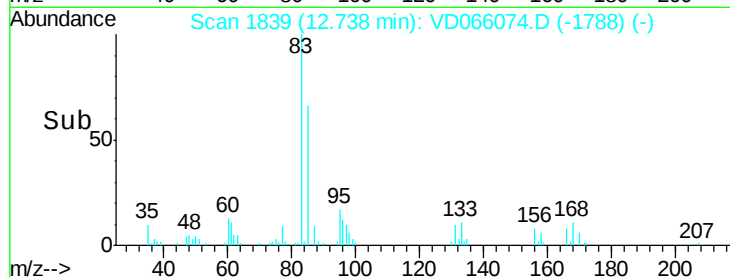
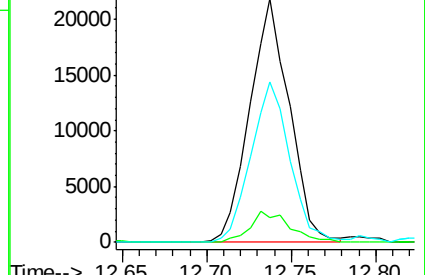
85 64.7 31.9 95.5



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: 32.587 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD066074.D

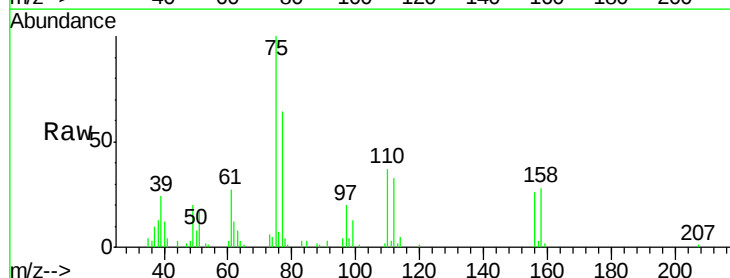
Acq: 28 Jul 2020 12:22

Tgt Ion: 75 Resp: 47067

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

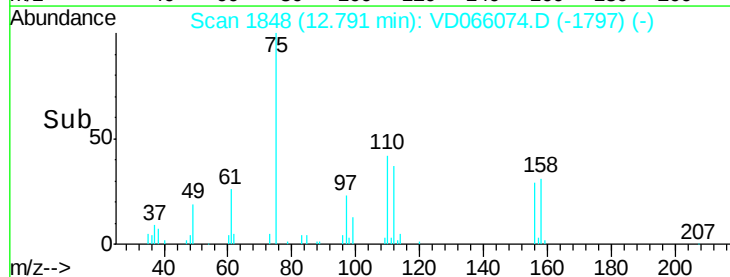
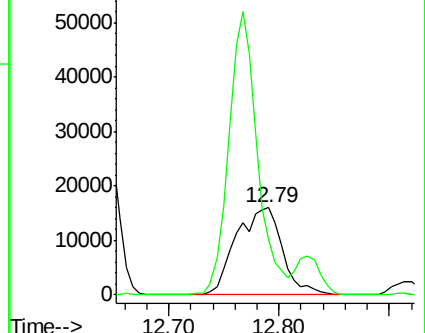
75 100

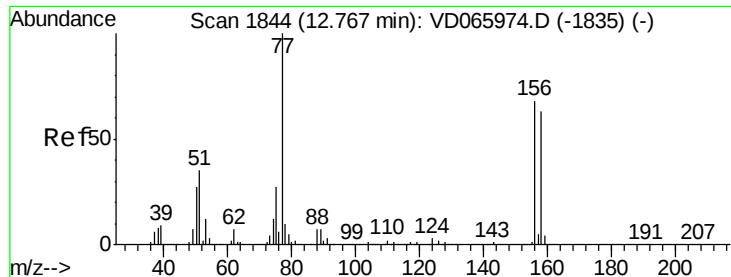
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.776 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampled :

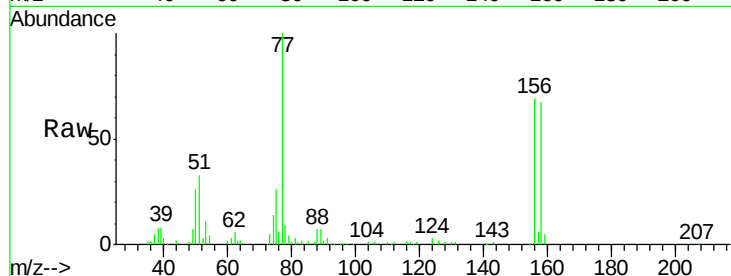
Tot Ion:156 Resp: 61630

Ion Ratio Lower Upper

156 100

77 154.2 83.0 249.0

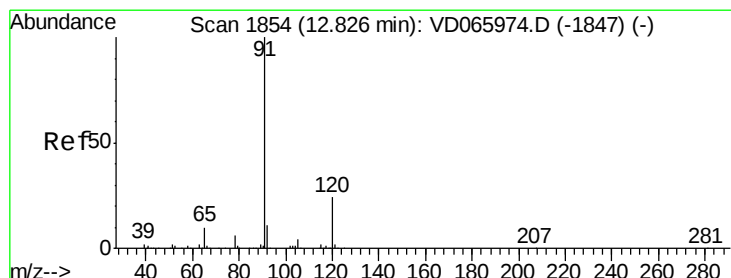
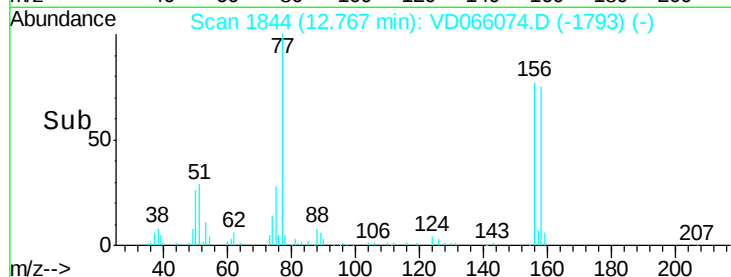
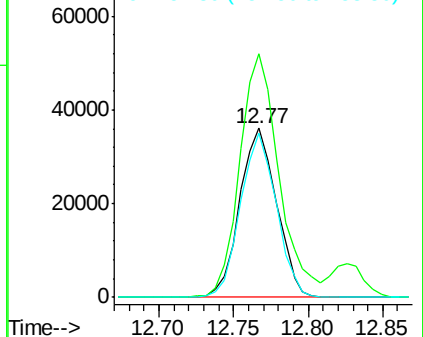
158 94.6 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.370 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066074.D

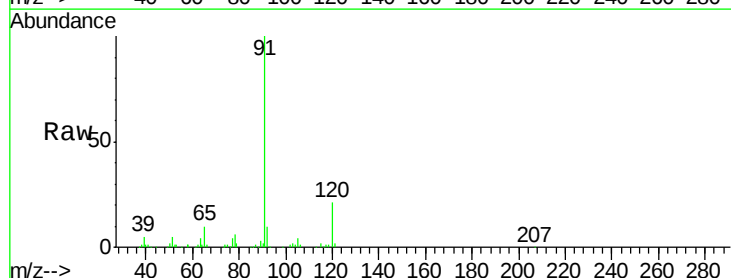
Acq: 28 Jul 2020 12:22

Tgt Ion: 91 Resp: 287844

Ion Ratio Lower Upper

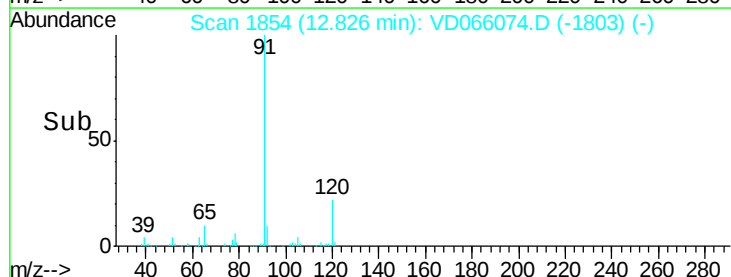
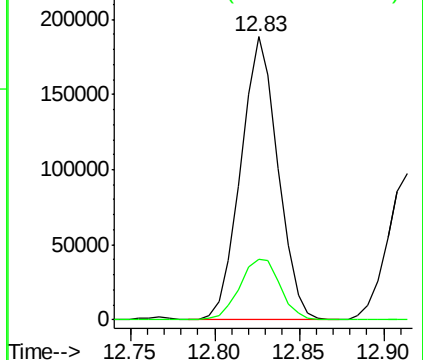
91 100

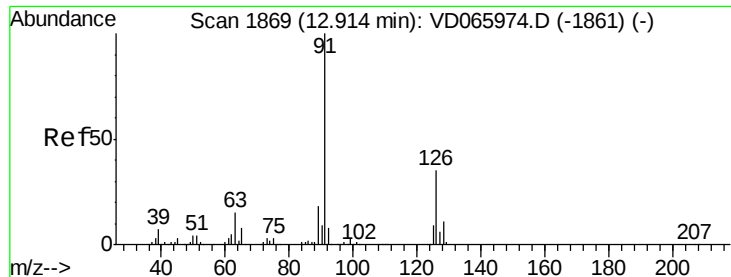
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

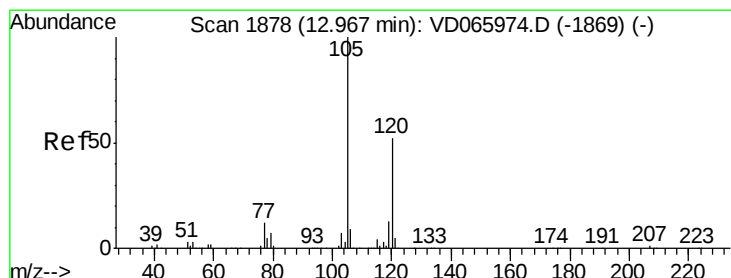
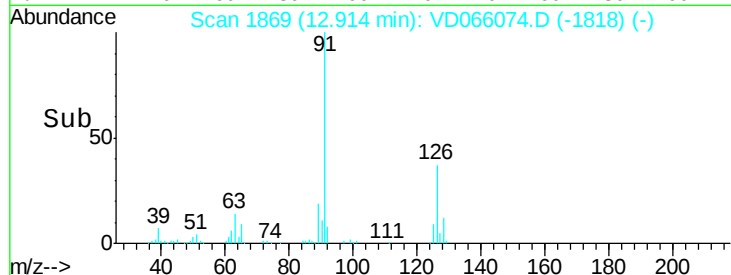
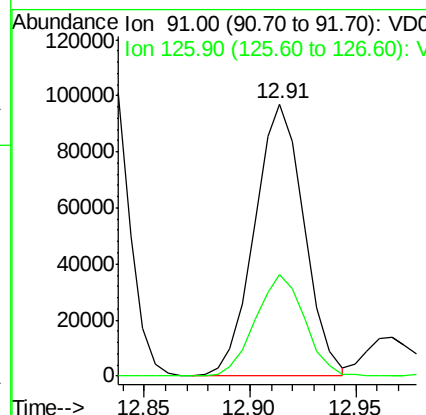
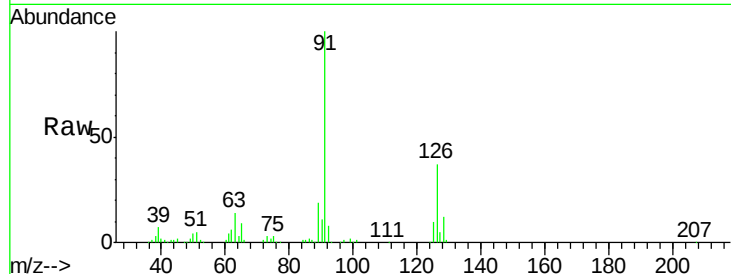




#79
 2-Chlorotoluene
 Concen: 20.529 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

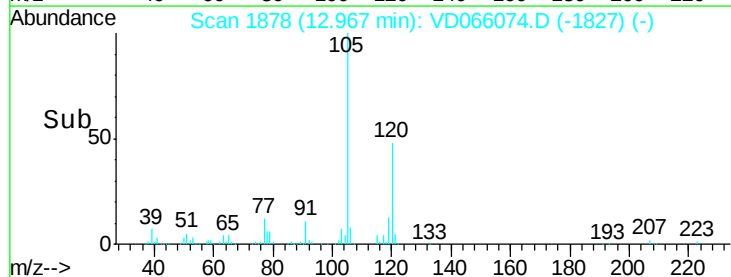
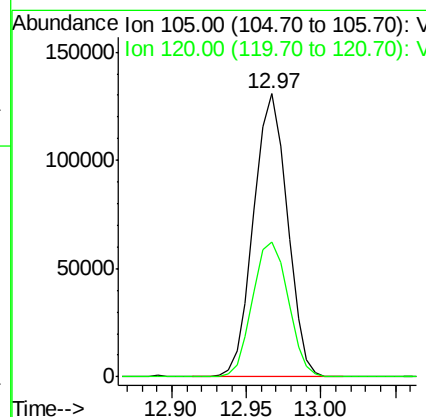
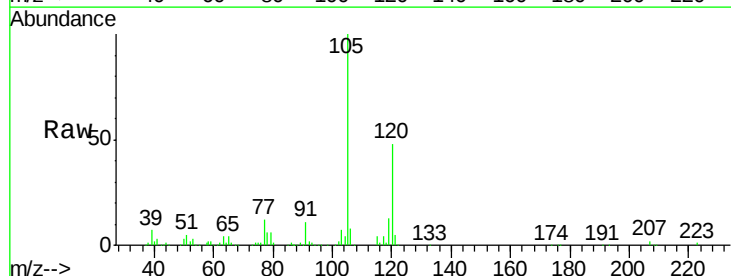
Instrument :
 MSVOA_D
 ClientSampleId :

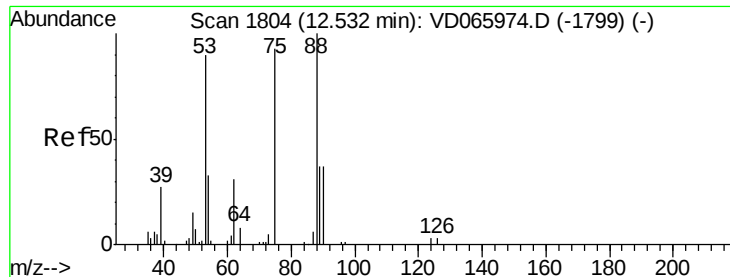
Tot Ion: 91 Resp: 157970
 Ion Ratio Lower Upper
 91 100
 126 36.9 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.525 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion: 105 Resp: 205266
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.6 76.6

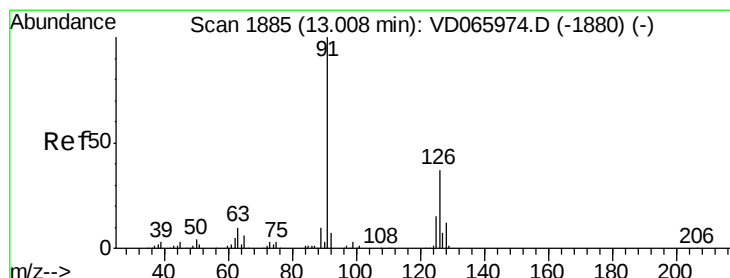
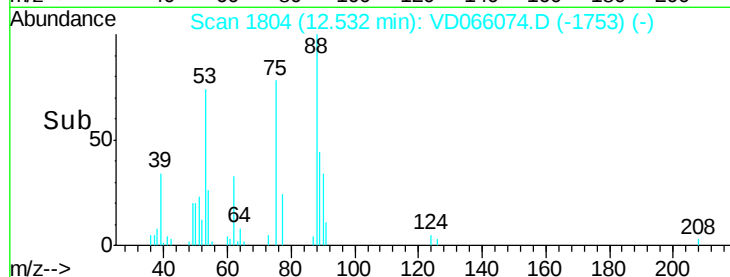
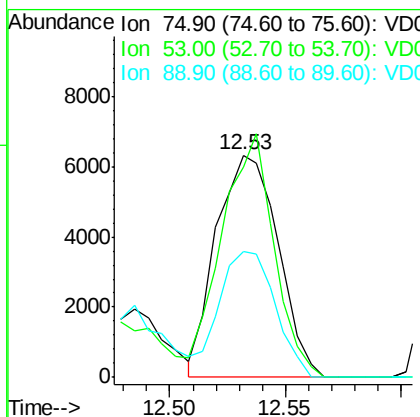
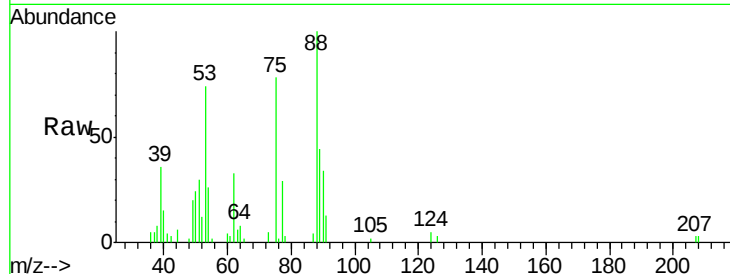




#81
trans-1,4-Dichloro-2-butene
Concen: 18.683 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

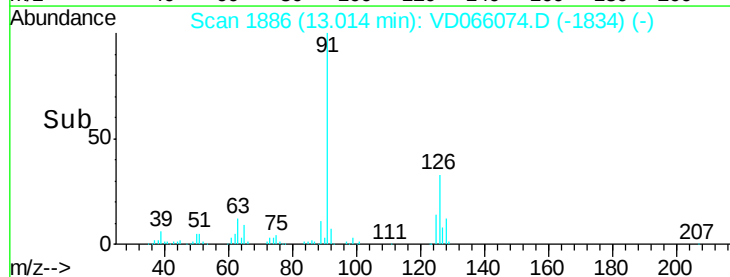
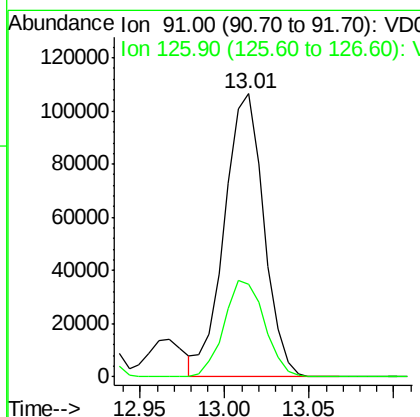
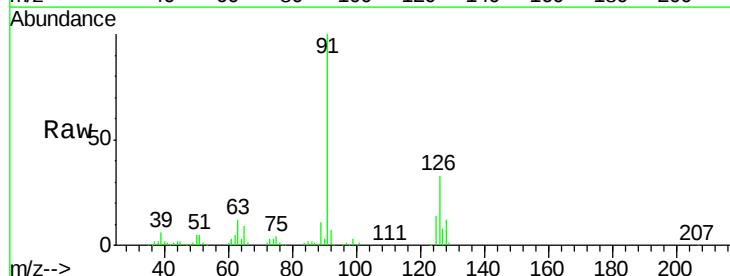
Instrument :
MSVOA_D
ClientSampled :

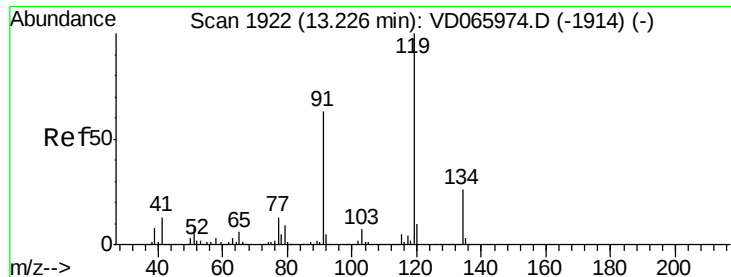
Tot Ion: 75 Resp: 11760
Ion Ratio Lower Upper
75 100
53 92.6 76.8 115.2
89 51.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.321 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 91 Resp: 173172
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.5

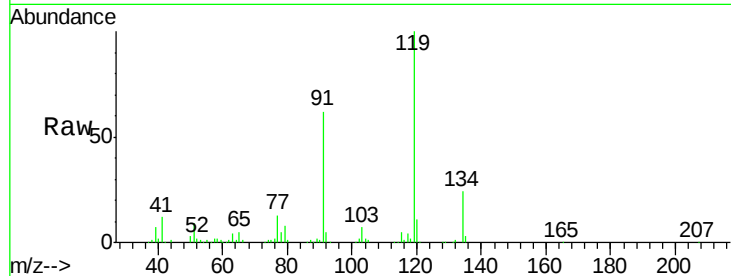




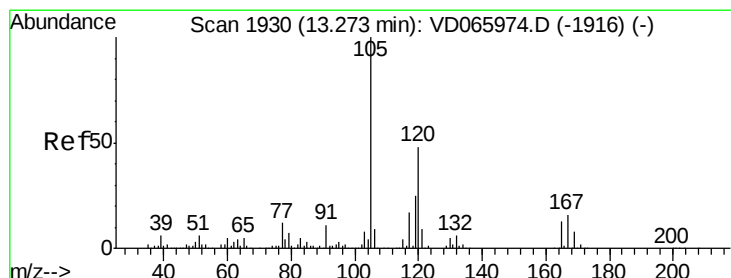
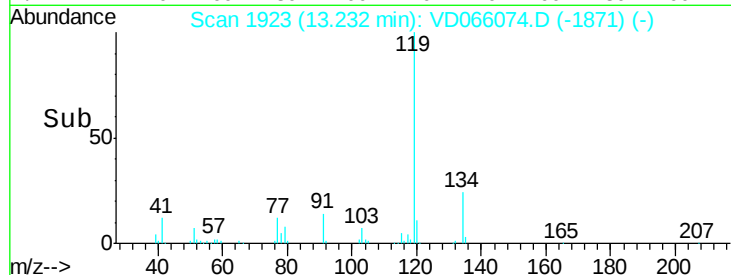
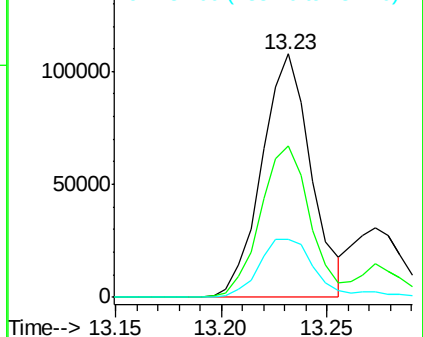
#83
tert-Butylbenzene
Concen: 20.954 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 174856
Ion Ratio Lower Upper
119 100
91 62.3 30.6 91.6
134 28.2 13.9 41.7

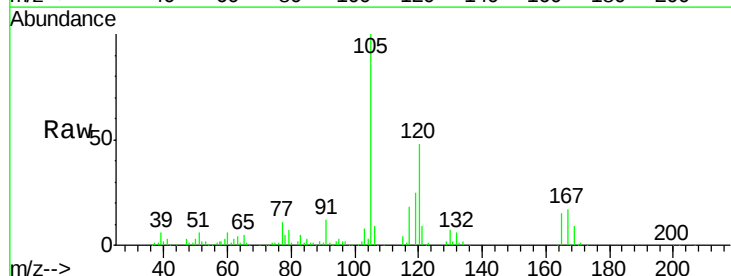


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

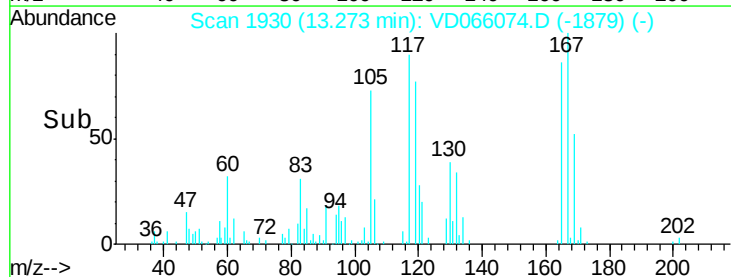
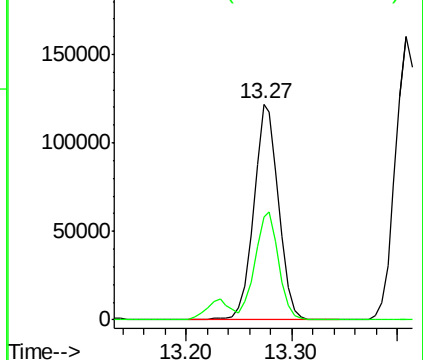


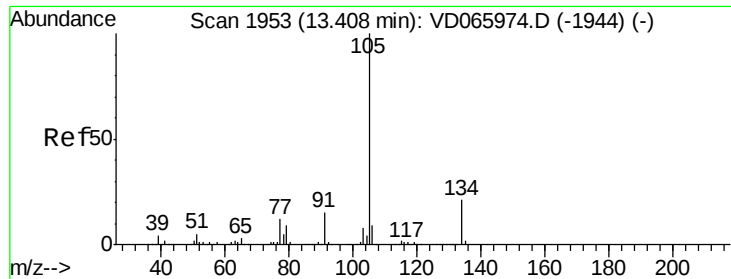
#84
1,2,4-Trimethylbenzene
Concen: 21.150 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion:105 Resp: 198988
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.8



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

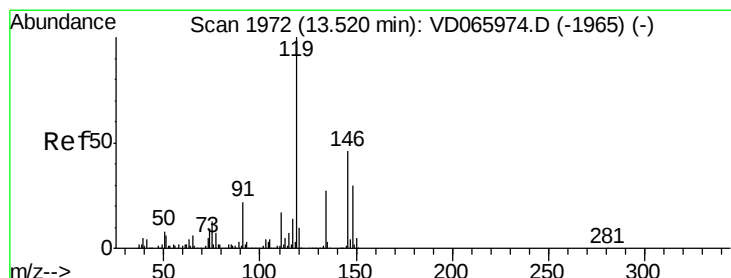
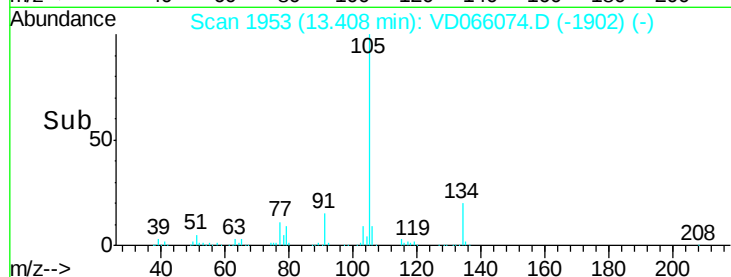
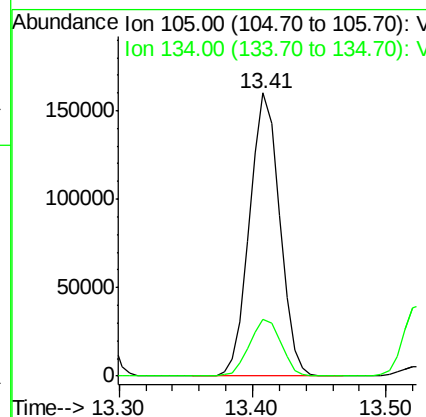
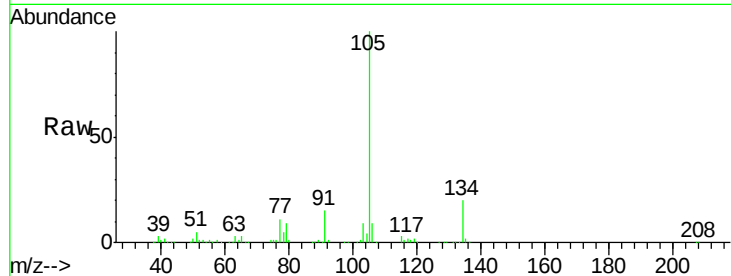




#85
 sec-Butylbenzene
 Concen: 21.634 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

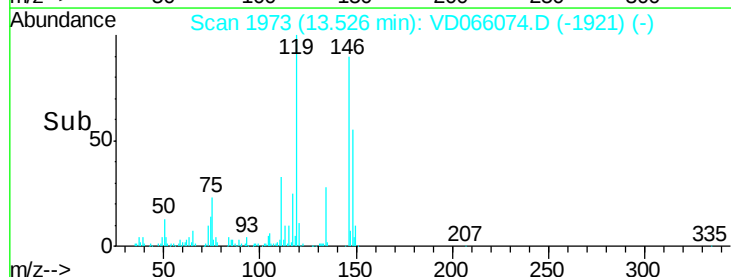
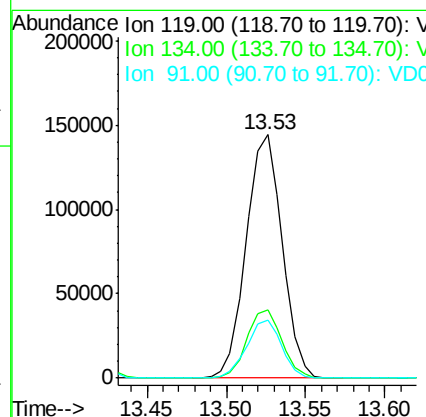
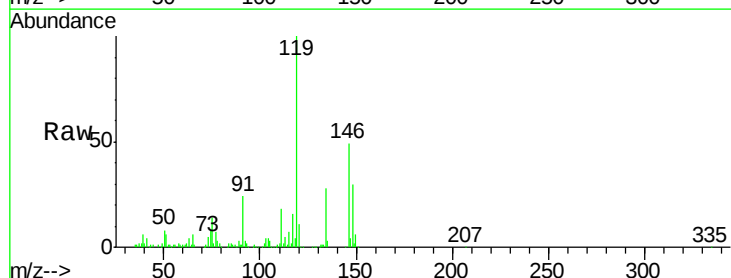
Instrument :
 MSVOA_D
 ClientSampleId :

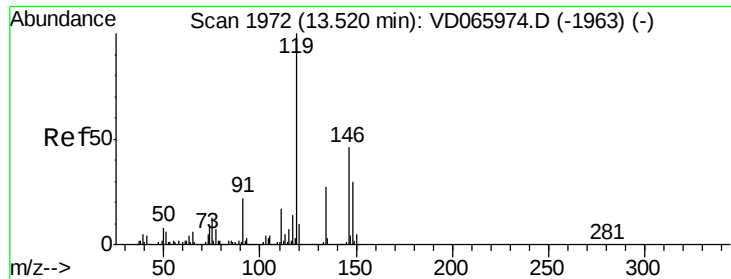
Tot Ion:105 Resp: 248666
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 21.839 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion:119 Resp: 228053
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 23.0 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 21.178 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampled :

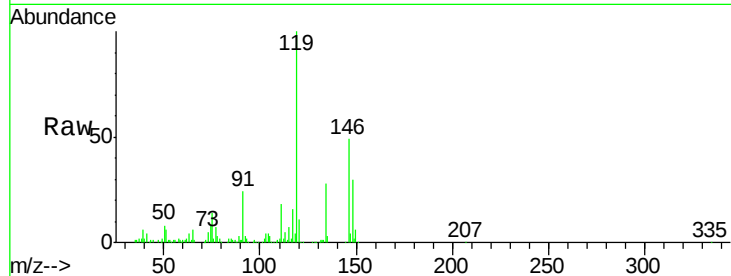
Tot Ion:146 Resp: 116638

Ion Ratio Lower Upper

146 100

111 38.9 18.6 55.6

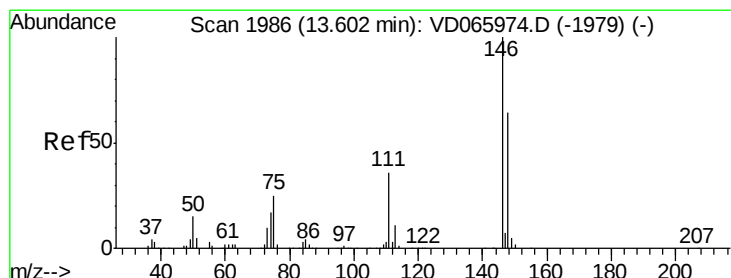
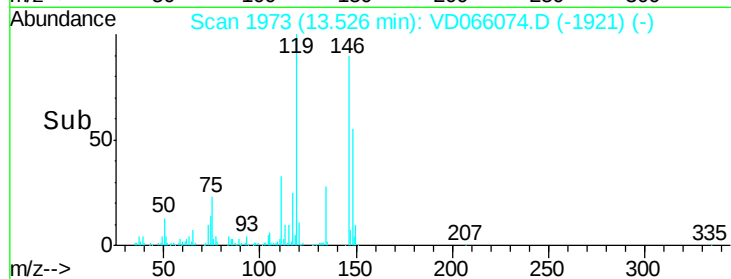
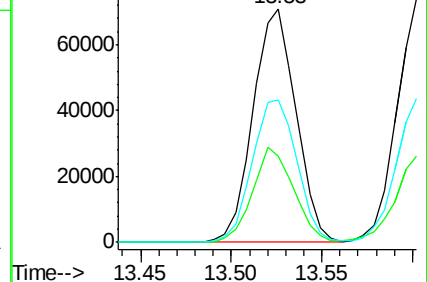
148 63.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.058 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

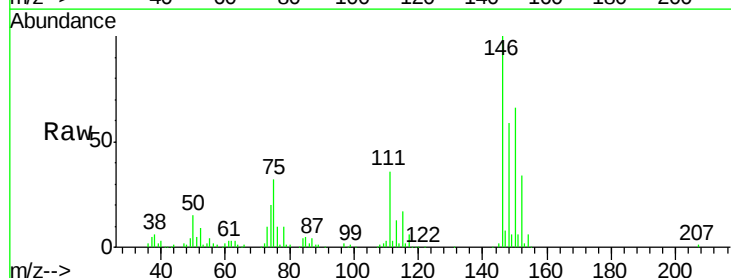
Tgt Ion:146 Resp: 117243

Ion Ratio Lower Upper

146 100

111 36.9 18.8 56.4

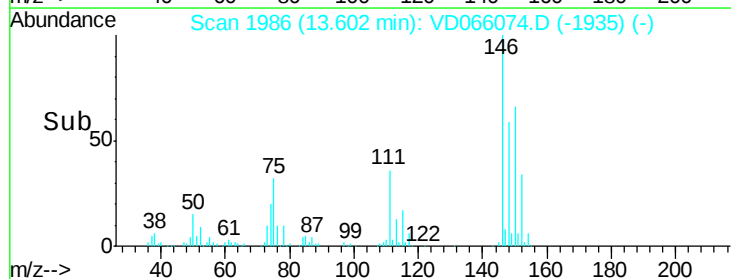
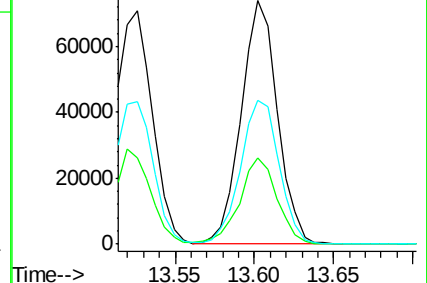
148 62.9 32.2 96.6

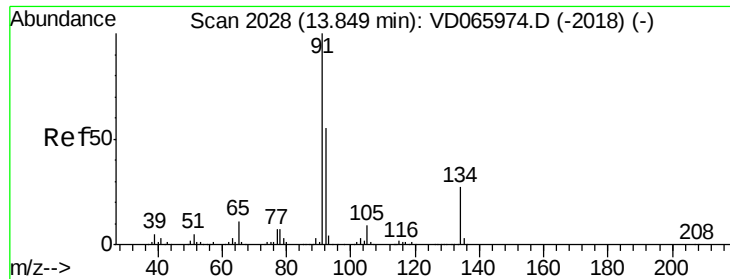


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

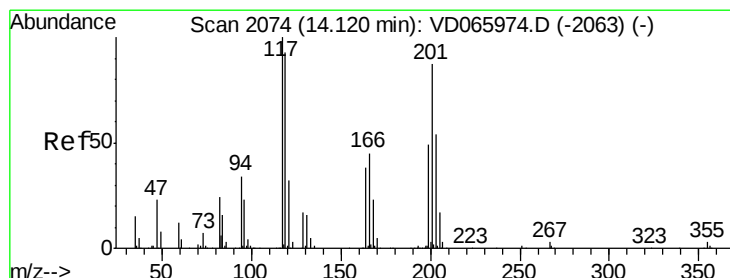
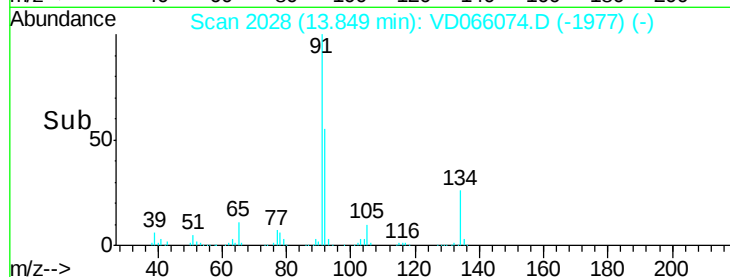
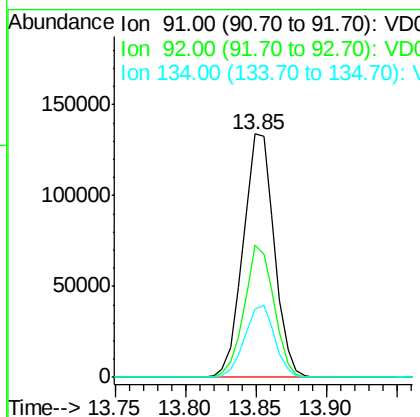
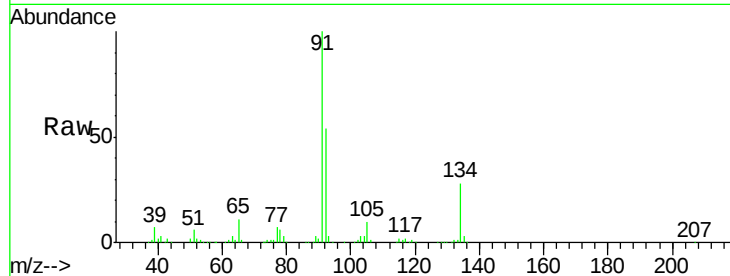




#89
n-Butylbenzene
Concen: 21.281 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

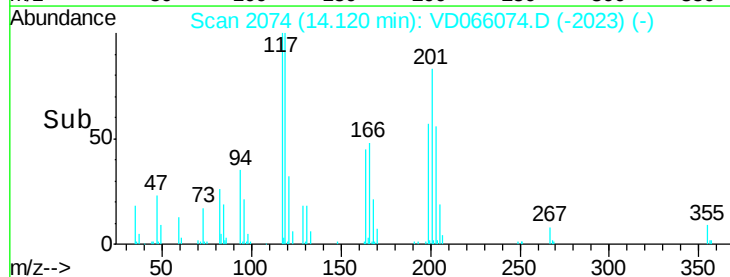
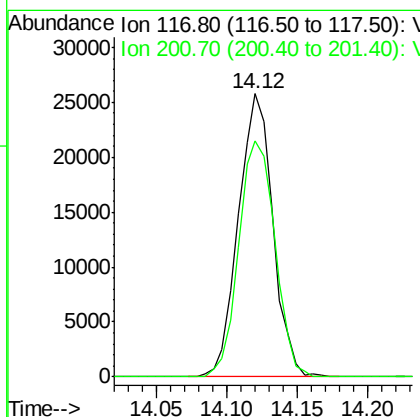
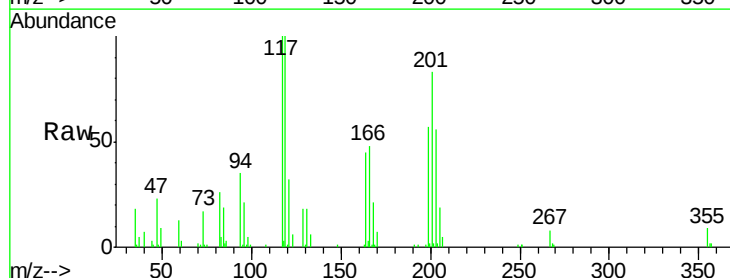
Instrument :
MSVOA_D
ClientSampleId :

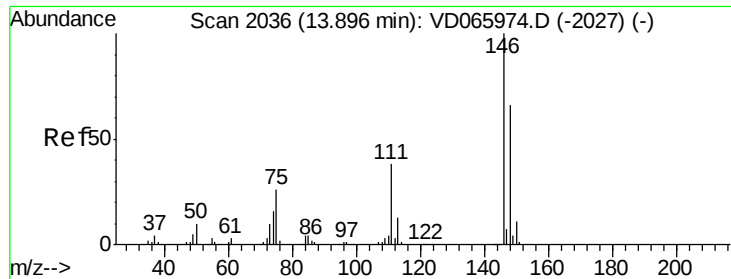
Tot Ion: 91 Resp: 206630
Ion Ratio Lower Upper
91 100
92 52.1 27.2 81.6
134 28.6 13.8 41.4



#90
Hexachloroethane
Concen: 20.391 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 117 Resp: 44079
Ion Ratio Lower Upper
117 100
201 87.4 42.0 126.1





#91

1,2-Dichlorobenzene

Concen: 21.421 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

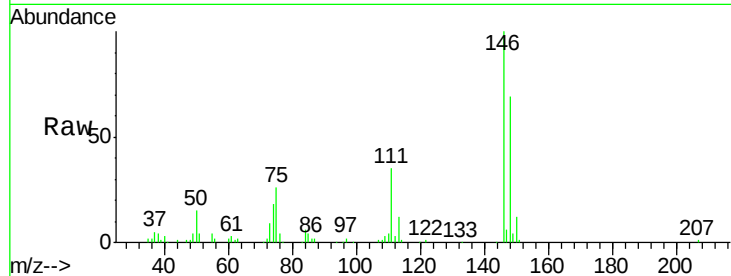
Tot Ion:146 Resp: 102230

Ion Ratio Lower Upper

146 100

111 37.1 19.3 57.9

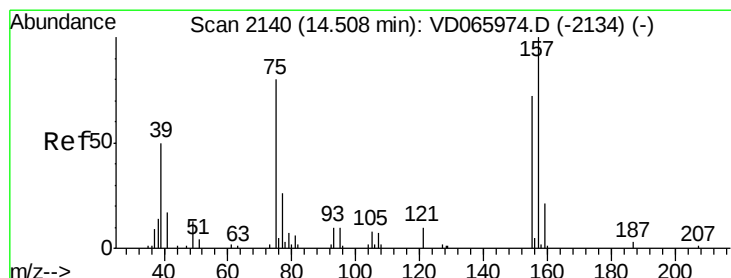
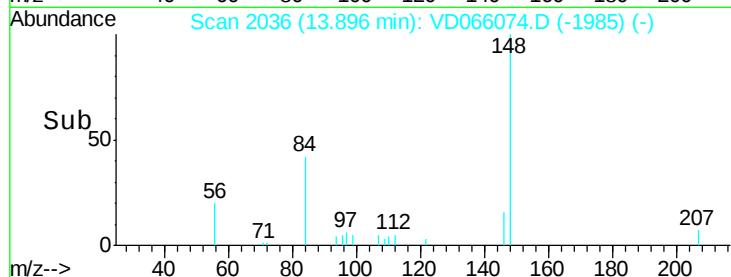
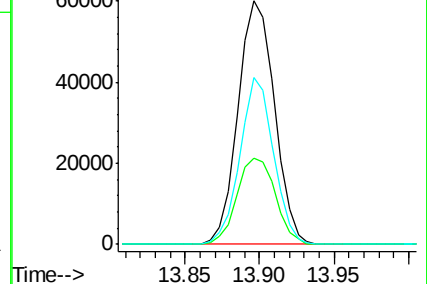
148 63.1 32.7 98.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.508 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

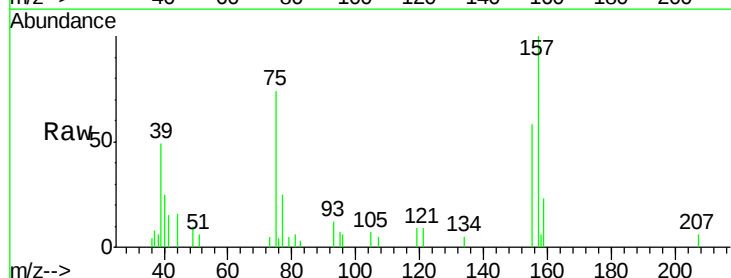
Tgt Ion: 75 Resp: 6133

Ion Ratio Lower Upper

75 100

155 94.3 48.5 145.5

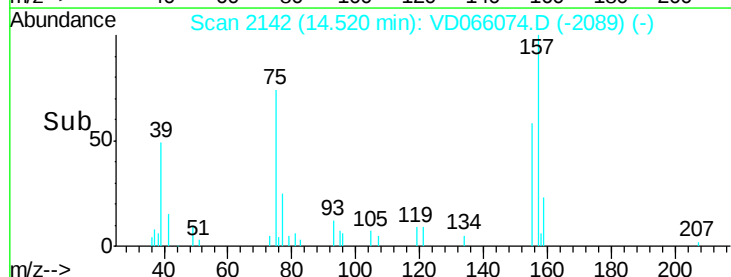
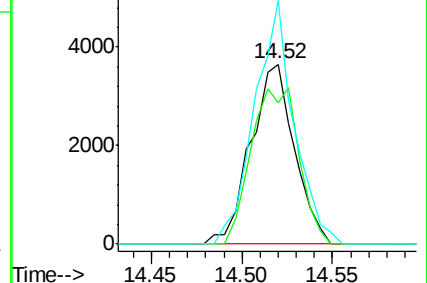
157 122.1 64.7 194.1

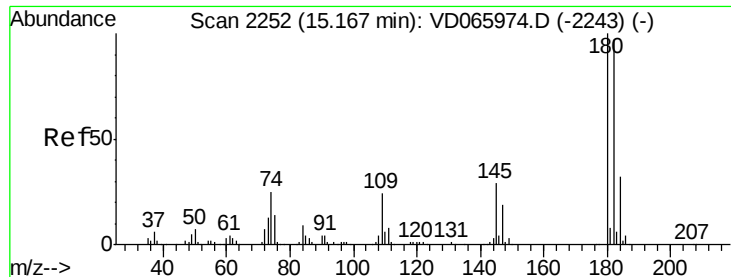


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

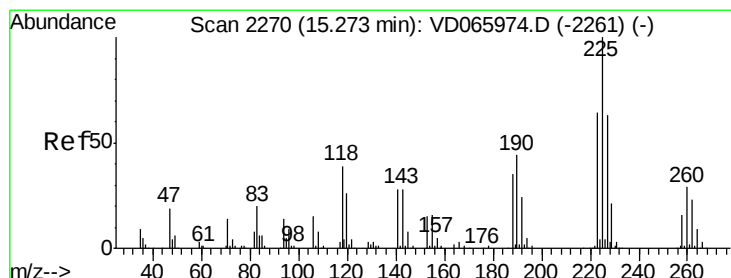
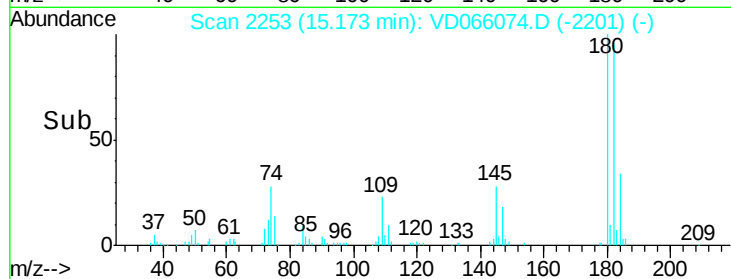
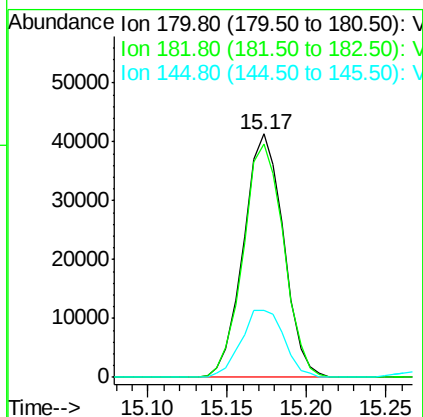
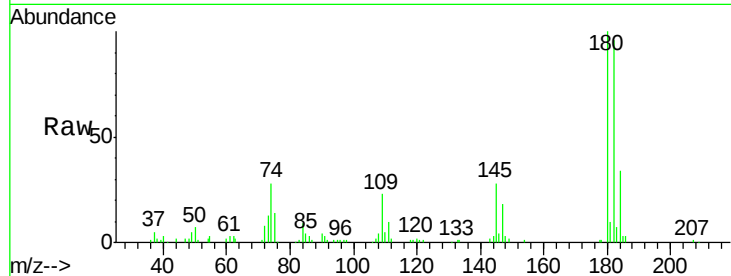




#93
 1,2,4-Trichlorobenzene
 Concen: 21.135 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

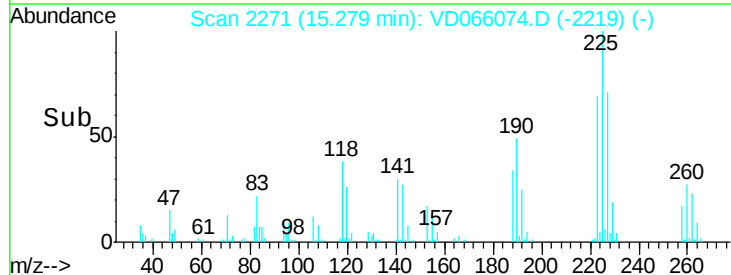
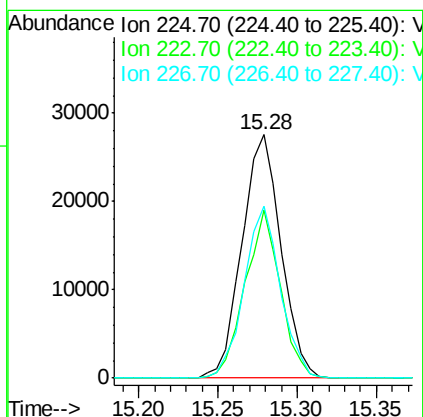
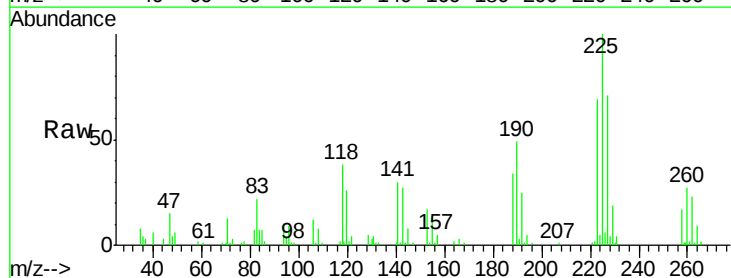
Instrument :
 MSVOA_D
 ClientSampled :

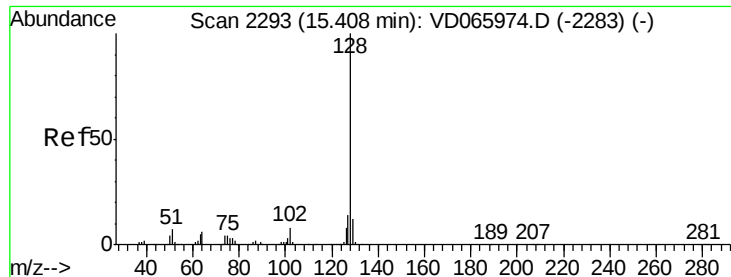
Tot Ion:180 Resp: 72401
 Ion Ratio Lower Upper
 180 100
 182 97.3 48.1 144.3
 145 29.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 22.247 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion:225 Resp: 47116
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.2 93.6
 227 65.8 31.6 94.8

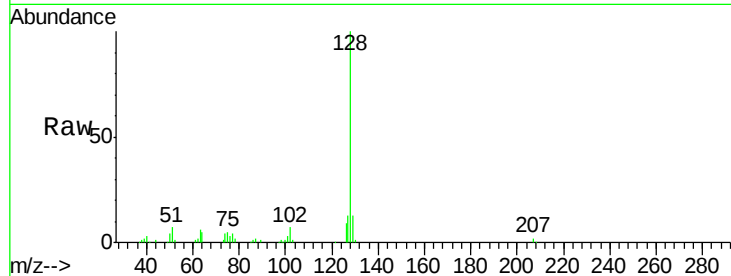




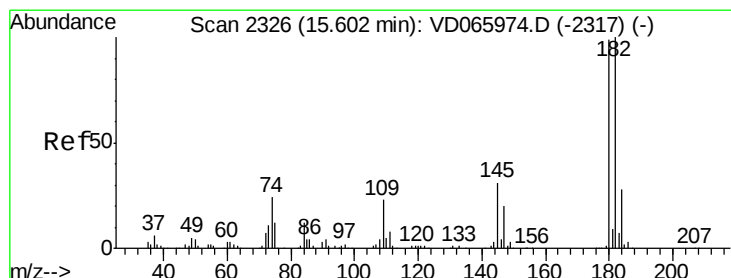
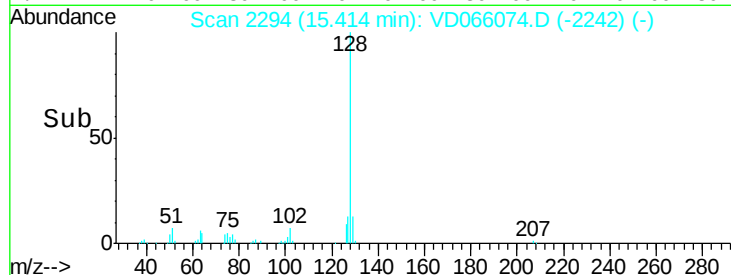
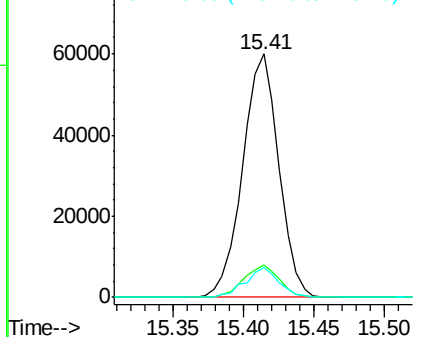
#95
Naphthalene
Concen: 19.960 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 107623
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.3 8.9 13.3

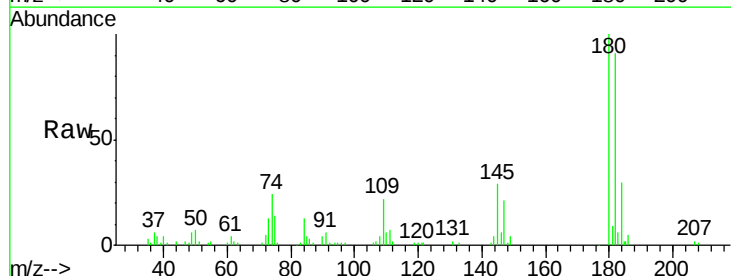


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.874 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion:180 Resp: 62164
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.6
145 30.4 15.4 46.2



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

