

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022420\
 Data File : VD065302.D
 Acq On : 24 Feb 2020 18:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 25 01:25:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	470736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	716947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	655102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	317344	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	215208	50.82	ug/l	0.00
Spiked Amount						
			Recovery	=	101.64%	
35) Dibromofluoromethane	7.92	113	224862	51.44	ug/l	0.00
Spiked Amount						
			Recovery	=	102.88%	
50) Toluene-d8	10.34	98	859064	51.40	ug/l	0.00
Spiked Amount						
			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.64	95	281724	53.21	ug/l	0.00
Spiked Amount						
			Recovery	=	106.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	193523	49.015	ug/l	100
3) Chloromethane	2.21	50	236123	46.986	ug/l	98
4) Vinyl Chloride	2.35	62	233326	45.659	ug/l	99
5) Bromomethane	2.77	94	147937	47.880	ug/l	99
6) Chloroethane	2.92	64	147438	47.267	ug/l	96
7) Trichlorofluoromethane	3.27	101	338326	46.244	ug/l	100
8) Diethyl Ether	3.70	74	114090	51.662	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	220951	47.823	ug/l	99
10) Methyl Iodide	4.30	142	262602	54.742	ug/l	99
11) Tert butyl alcohol	5.24	59	67416	266.409	ug/l	96
12) 1,1-Dichloroethene	4.06	96	213996	49.032	ug/l	98
13) Acrolein	3.92	56	92529	304.935	ug/l	100
14) Allyl chloride	4.71	41	359584	50.736	ug/l	97
15) Acrylonitrile	5.43	53	257116	262.971	ug/l	98
16) Acetone	4.16	43	235941	227.921	ug/l	97
17) Carbon Disulfide	4.40	76	692605	47.334	ug/l	99
18) Methyl Acetate	4.72	43	119282	51.233	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	492911	54.158	ug/l	100
20) Methylene Chloride	4.97	84	255855	56.079	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	249493	50.285	ug/l	97
22) Diisopropyl ether	6.37	45	729901	53.422	ug/l	100
23) Vinyl Acetate	6.31	43	2084878	276.790	ug/l	100
24) 1,1-Dichloroethane	6.27	63	426149	50.285	ug/l	97
25) 2-Butanone	7.22	43	324484	247.747	ug/l	100
26) 2,2-Dichloropropane	7.21	77	348427	47.386	ug/l	99
27) cis-1,2-Dichloroethene	7.22	96	265809	50.577	ug/l	99
28) Bromochloromethane	7.55	49	167753	53.356	ug/l	98
29) Tetrahydrofuran	7.57	42	212308	276.657	ug/l	99
30) Chloroform	7.71	83	427098	50.023	ug/l	99
31) Cyclohexane	7.98	56	385238	46.266	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	373384	48.878	ug/l	99
36) 1,1-Dichloropropene	8.11	75	329525	47.237	ug/l	99
37) Ethyl Acetate	7.30	43	146171	50.123	ug/l	98
38) Carbon Tetrachloride	8.10	117	335492	47.243	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	401415	48.946	ug/l	98
40) Benzene	8.36	78	982376	49.891	ug/l	99
41) Methacrylonitrile	7.53	41	96478	57.297	ug/l #	86
42) 1,2-Dichloroethane	8.43	62	264657	48.892	ug/l	100
43) Isopropyl Acetate	8.46	43	271882	51.268	ug/l	99
44) Trichloroethene	9.11	130	265578	48.658	ug/l	100
45) 1,2-Dichloropropane	9.39	63	246280	50.301	ug/l	100
46) Dibromomethane	9.48	93	125935	49.991	ug/l	99
47) Bromodichloromethane	9.67	83	331994	50.008	ug/l	97
48) Methyl methacrylate	9.46	41	130494	53.235	ug/l	97
49) 1,4-Dioxane	9.47	88	31864	1078.455	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	717821	266.499	ug/l	100
52) Toluene	10.41	92	623597	51.165	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	319262	51.882	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	386841	52.059	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	179705	50.682	ug/l	99
56) Ethyl methacrylate	10.67	69	228796	55.906	ug/l	99
57) 1,3-Dichloropropane	10.95	76	313414	51.935	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	310445	240.605	ug/l	99
59) 2-Hexanone	10.99	43	496717	257.615	ug/l	97
60) Dibromochloromethane	11.14	129	230834	50.864	ug/l	99
61) 1,2-Dibromoethane	11.26	107	173799	51.770	ug/l	98
64) Tetrachloroethene	10.88	164	225109	48.450	ug/l	98
65) Chlorobenzene	11.68	112	651658	49.570	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	243072	49.548	ug/l	99
67) Ethyl Benzene	11.75	91	1170328	50.830	ug/l	100
68) m/p-Xylenes	11.86	106	891494	101.204	ug/l	99
69) o-Xylene	12.18	106	409188	52.432	ug/l	98
70) Styrene	12.20	104	718073	51.824	ug/l	99
71) Bromoform	12.37	173	135746	49.865	ug/l #	99
73) Isopropylbenzene	12.48	105	1087628	51.768	ug/l	99
74) N-amyl acetate	12.30	43	247294	52.971	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	193070	50.918	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	249196	92.293	ug/l #	100
77) Bromobenzene	12.77	156	267956	51.361	ug/l	100
78) n-propylbenzene	12.83	91	1287049	50.977	ug/l	99
79) 2-Chlorotoluene	12.91	91	720937	50.971	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	906061	52.361	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	63201	50.540	ug/l	96
82) 4-Chlorotoluene	13.01	91	756247	50.363	ug/l	99
83) tert-Butylbenzene	13.23	119	749416	51.673	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	893356	51.579	ug/l	99
85) sec-Butylbenzene	13.41	105	1053376	50.405	ug/l	100
86) p-Isopropyltoluene	13.53	119	974571	50.995	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	507502	50.319	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	492967	49.524	ug/l	100
89) n-Butylbenzene	13.85	91	899693	51.088	ug/l	100
90) Hexachloroethane	14.12	117	190109	48.991	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	431632	49.842	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27958	47.846	ug/l	91

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QLast Update : Wed Feb 19 03:26:54 2020
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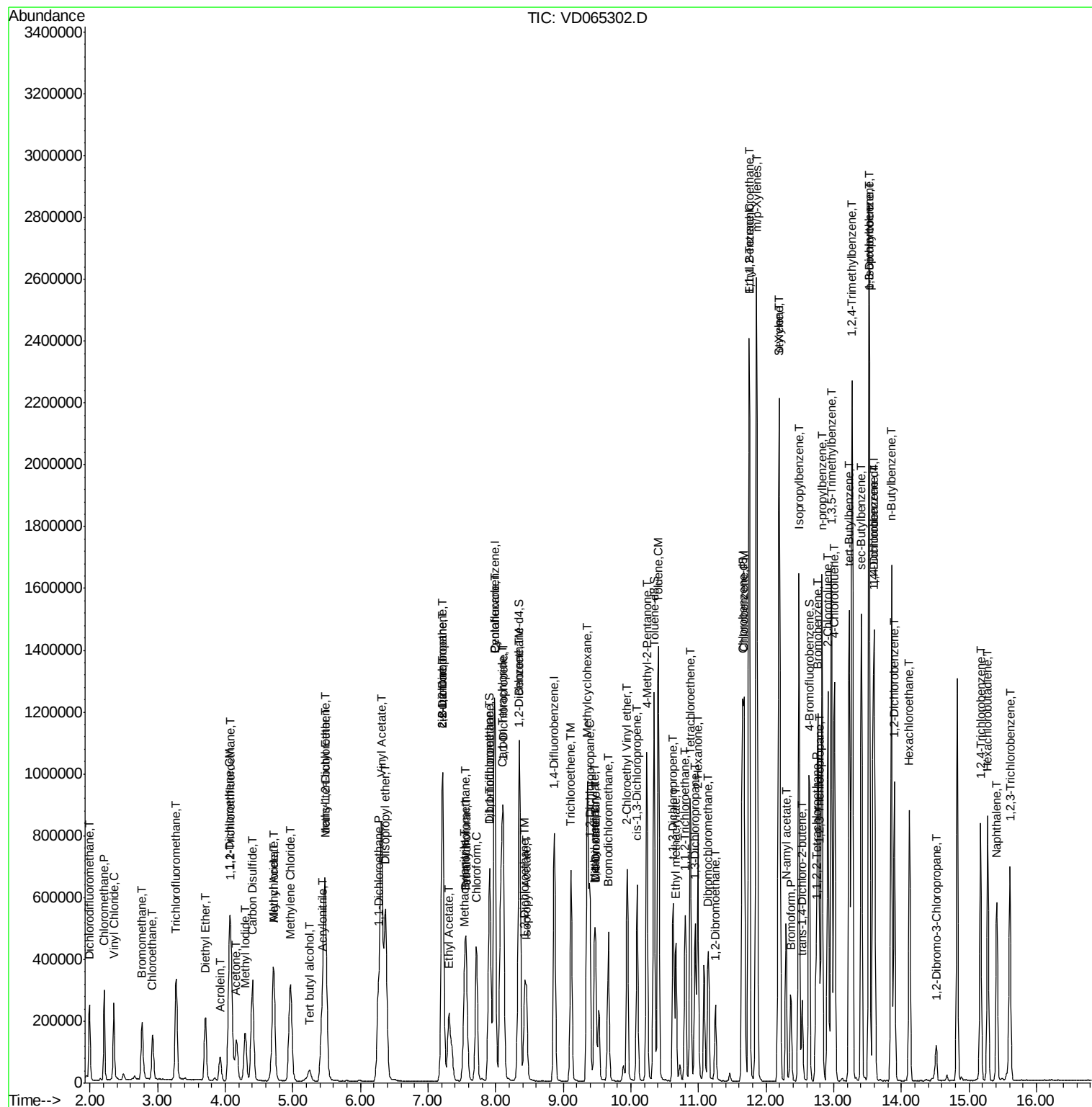
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	293782	51.863	ug/l	98
94) Hexachlorobutadiene	15.28	225	173825	47.836	ug/l	98
95) Naphthalene	15.41	128	516836	56.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	262694	53.099	ug/l	99

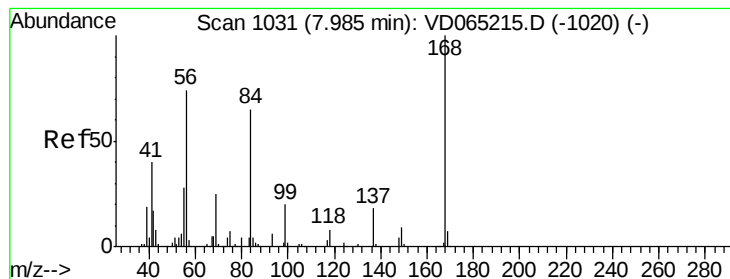
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

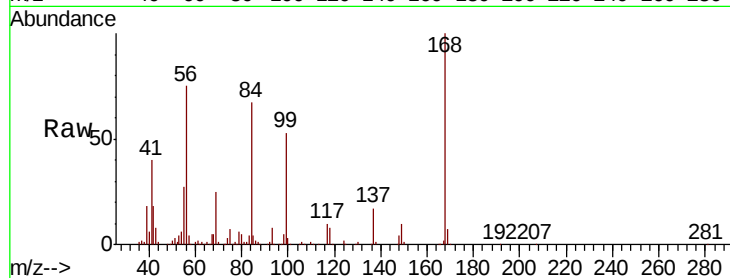
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 470736

Ion Ratio Lower Upper

168 100

99 53.0 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

100000

50000

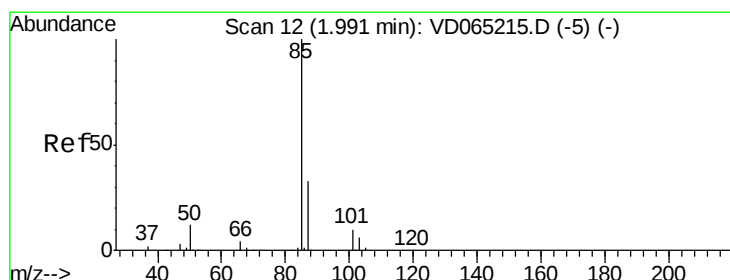
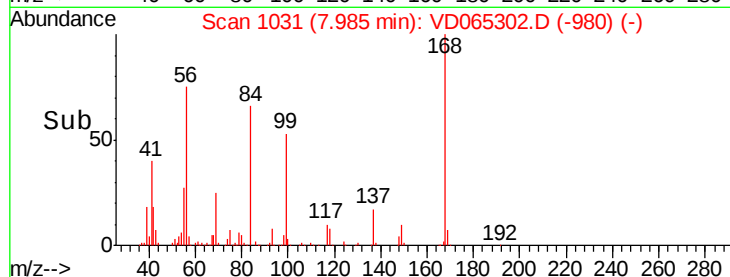
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.015 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065302.D

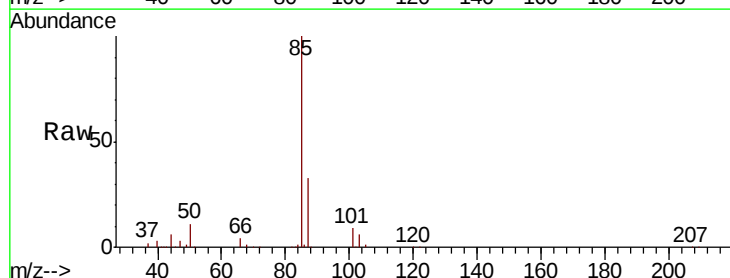
Acq: 24 Feb 2020 18:46

Tgt Ion: 85 Resp: 193523

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

100000

50000

0

1.90

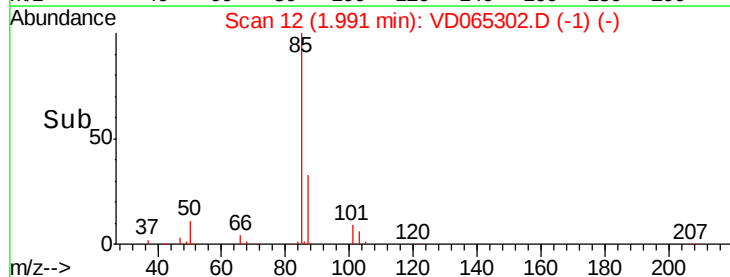
1.95

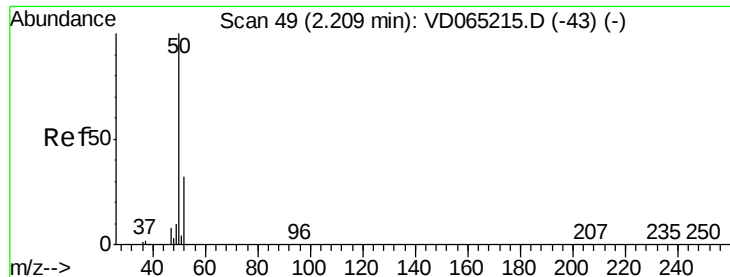
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 46.986 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

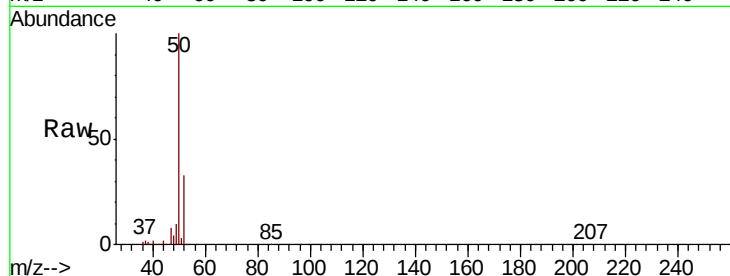
ClientSampleId :

Tot Ion: 50 Resp: 236123

Ion Ratio Lower Upper

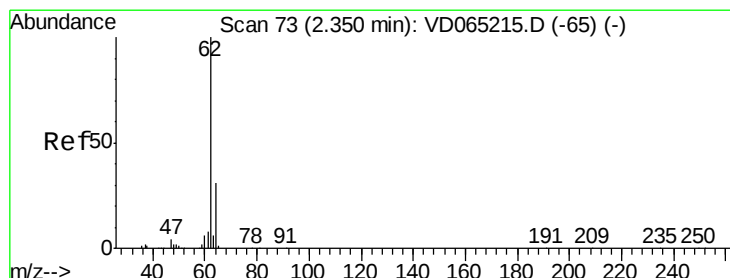
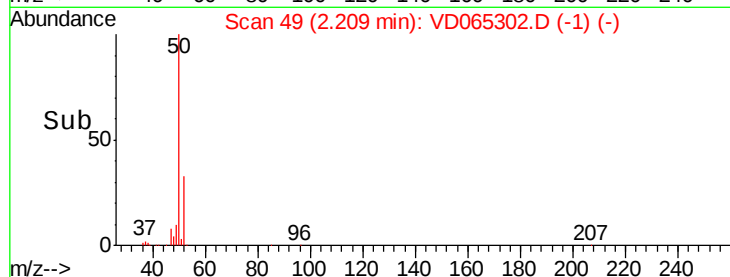
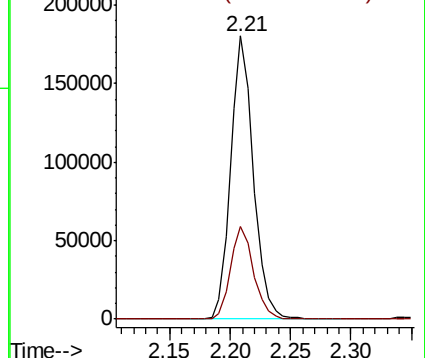
50 100

52 32.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 45.659 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065302.D

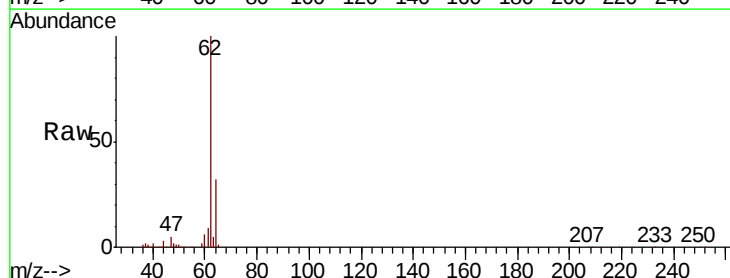
Acq: 24 Feb 2020 18:46

Tgt Ion: 62 Resp: 233326

Ion Ratio Lower Upper

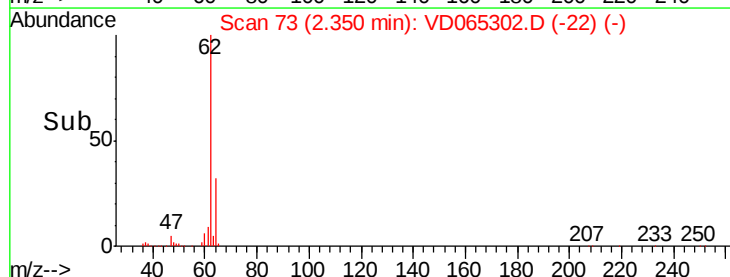
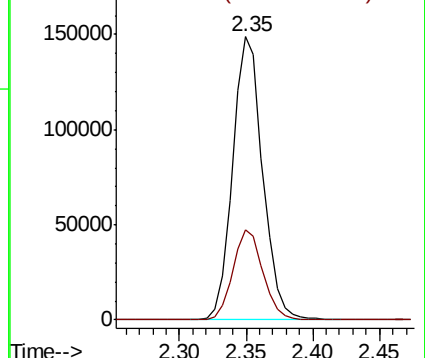
62 100

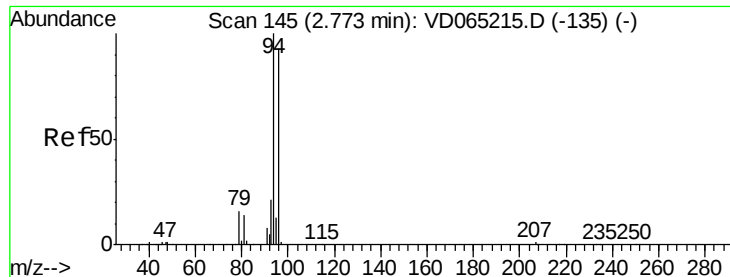
64 32.0 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 47.880 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

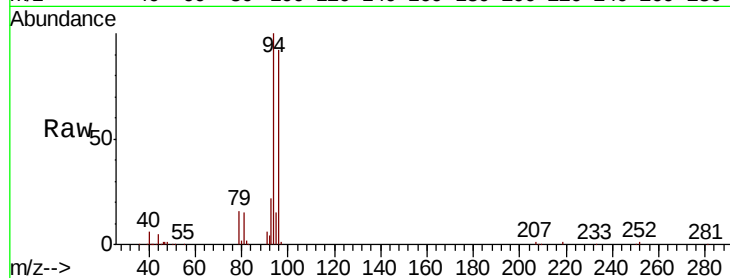
ClientSampleId :

Tot Ion: 94 Resp: 147937

Ion Ratio Lower Upper

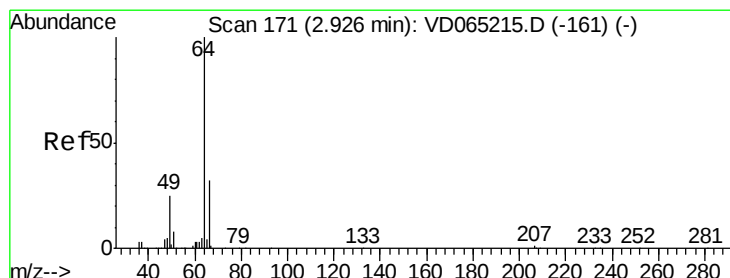
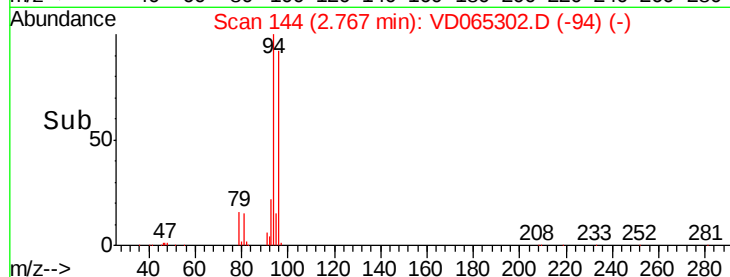
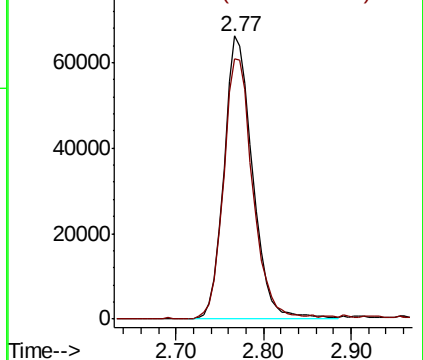
94 100

96 91.8 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.267 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065302.D

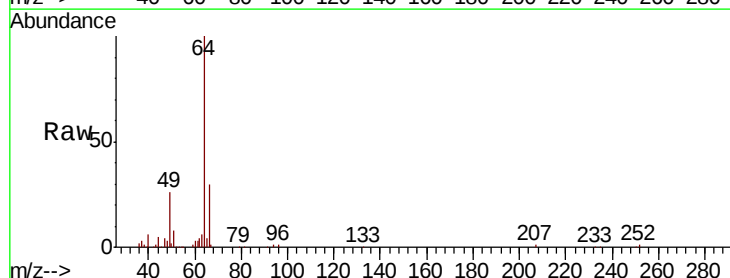
Acq: 24 Feb 2020 18:46

Tgt Ion: 64 Resp: 147438

Ion Ratio Lower Upper

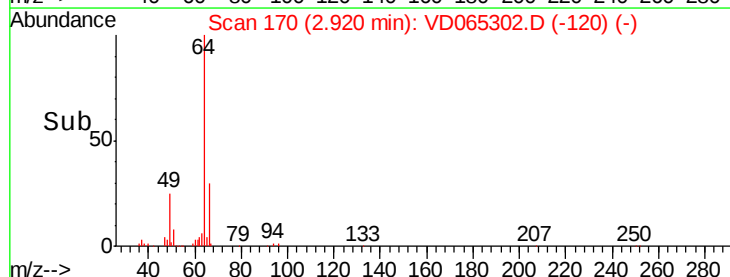
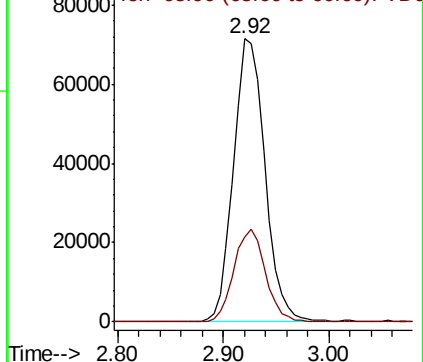
64 100

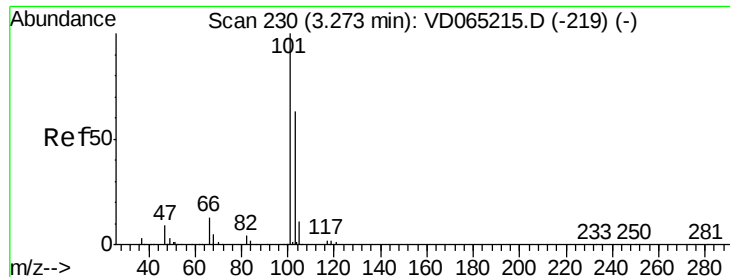
66 29.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



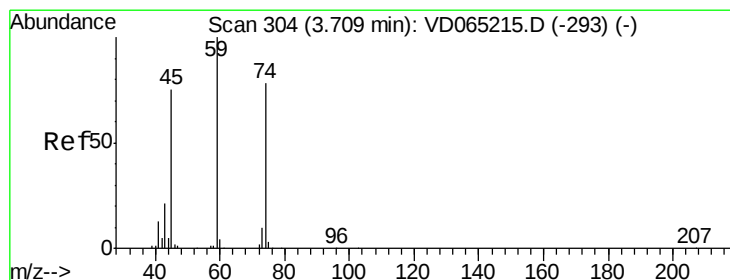
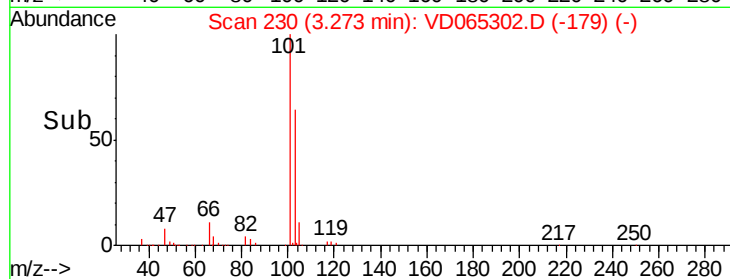
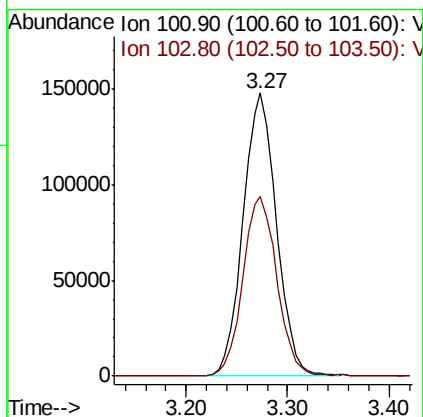
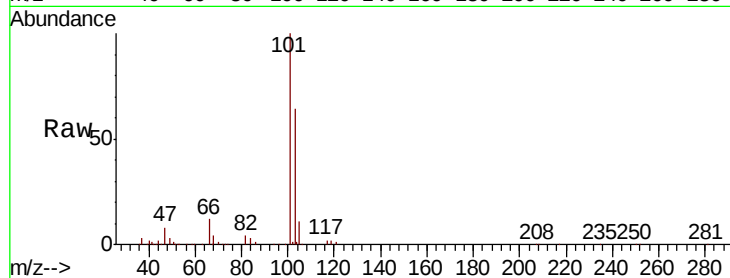


#7

Trichlorofluoromethane
 Concen: 46.244 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

Instrument :
 MSVOA_D
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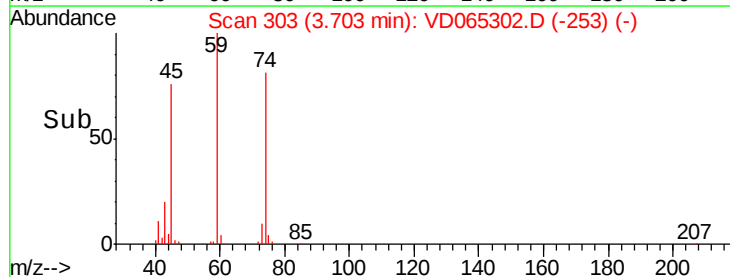
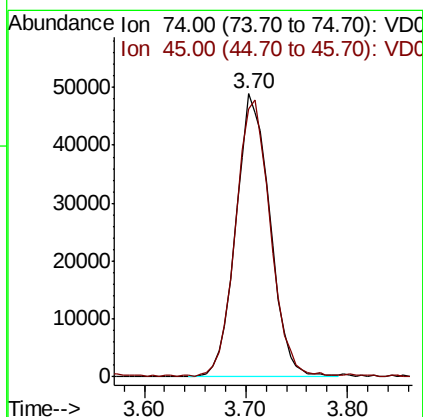
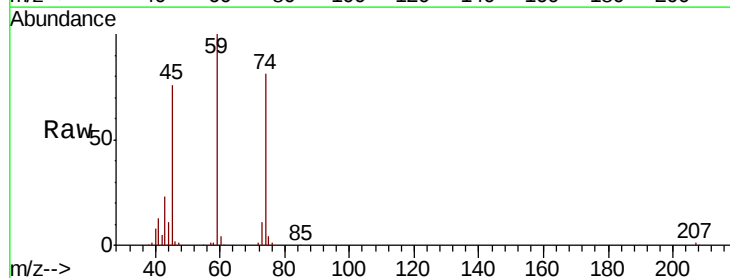
Tot Ion:101 Resp: 338326
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.7 76.1

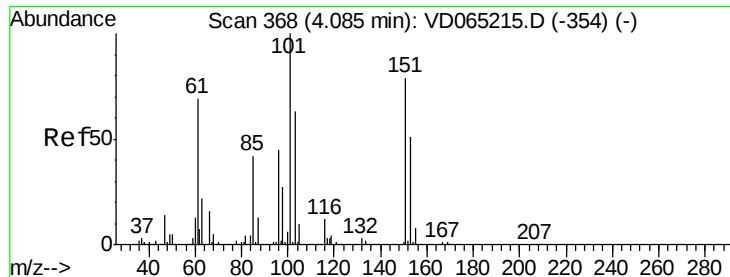


#8

Diethyl Ether
 Concen: 51.662 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

Tgt Ion: 74 Resp: 114090
 Ion Ratio Lower Upper
 74 100
 45 100.0 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.823 ug/l

RT: 4.08 min Scan# 368

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

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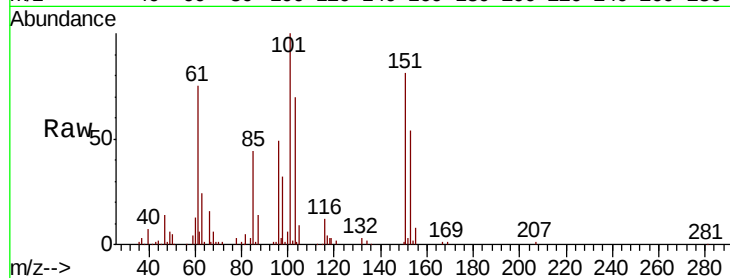
Tot Ion:101 Resp: 220951

Ion Ratio Lower Upper

101 100

85 41.8 34.2 51.2

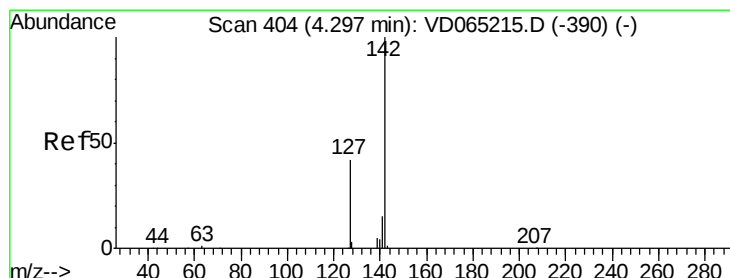
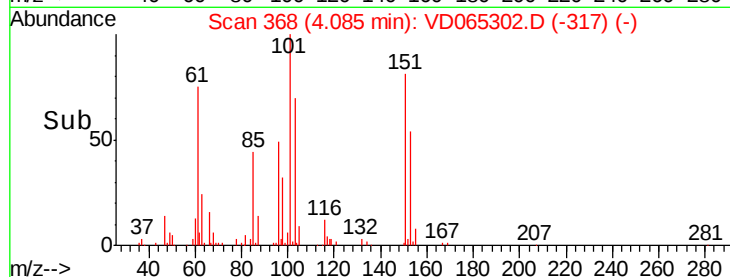
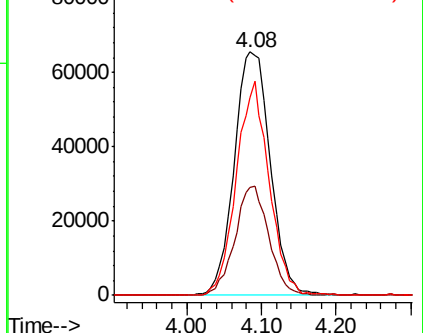
151 79.3 63.5 95.3



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: 54.742 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

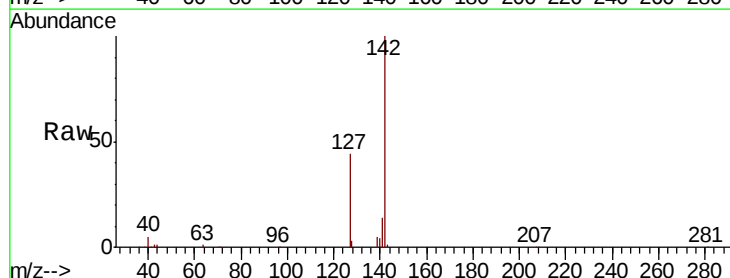
Tgt Ion:142 Resp: 262602

Ion Ratio Lower Upper

142 100

127 43.4 33.8 50.8

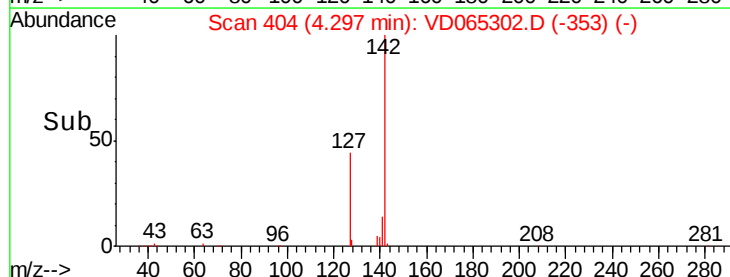
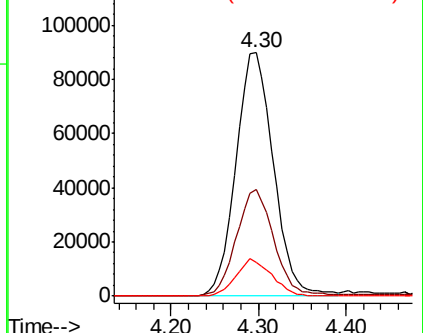
141 14.6 11.7 17.5

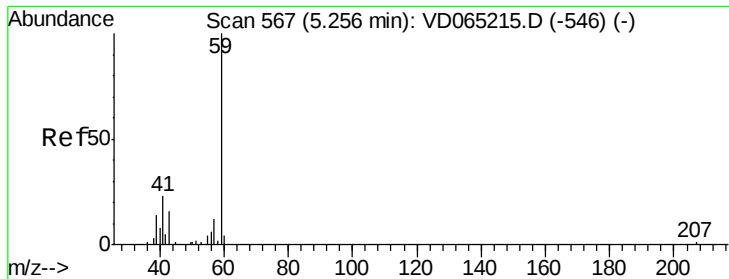


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



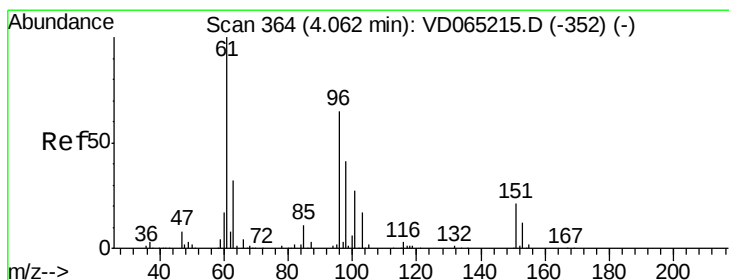
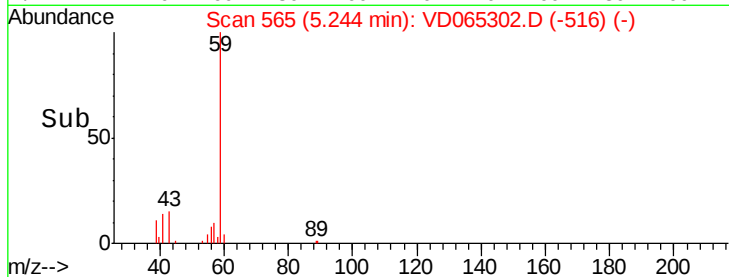
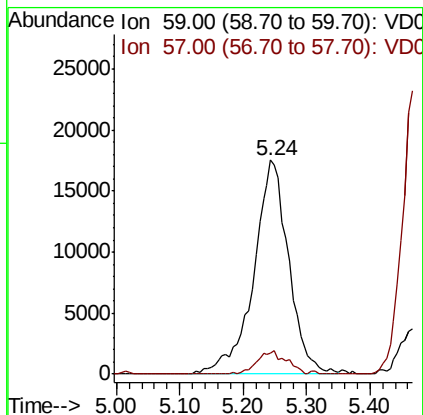
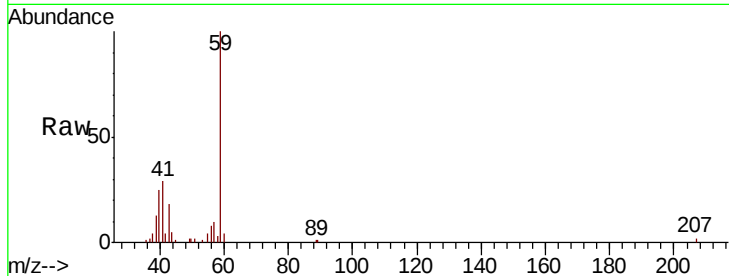


#11

Tert butyl alcohol
Concen: 266.409 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Instrument :
MSVOA_D
ClientSampled :

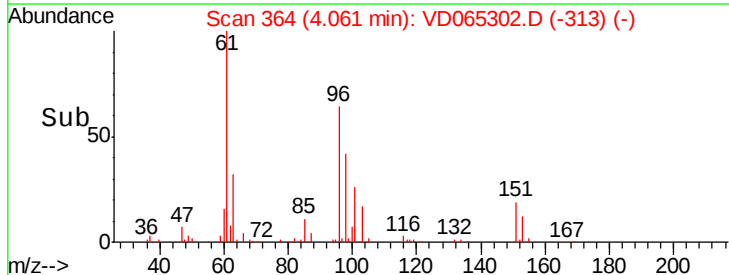
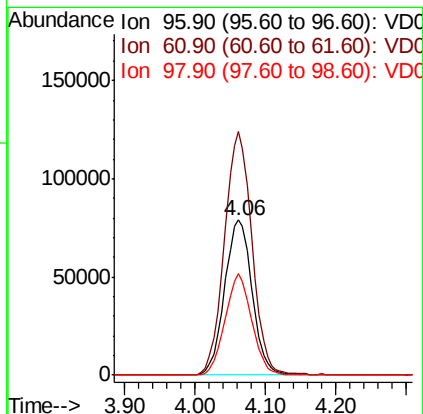
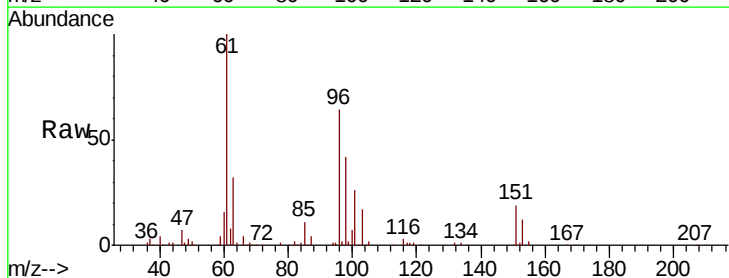
Tot Ion: 59 Resp: 67416
Ion Ratio Lower Upper
59 100
57 9.0 8.4 12.6



#12

1,1-Dichloroethene
Concen: 49.032 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion: 96 Resp: 213996
Ion Ratio Lower Upper
96 100
61 156.9 123.3 184.9
98 65.3 51.0 76.4





#13

Acrolein

Concen: 304.935 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

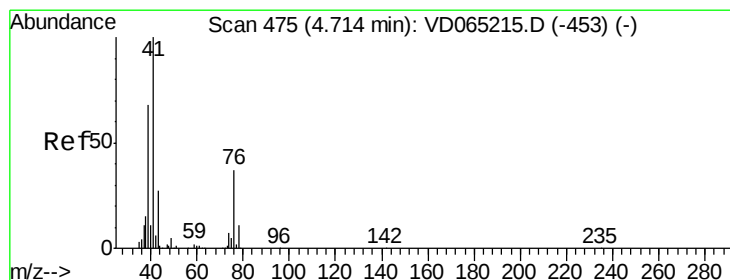
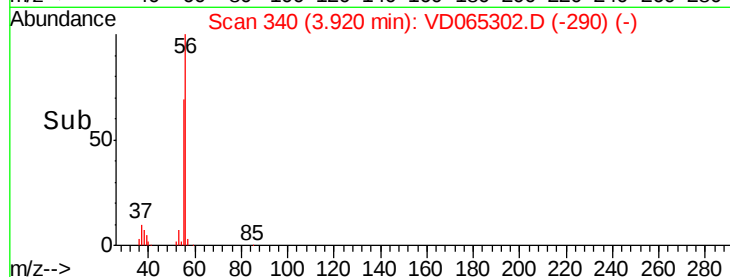
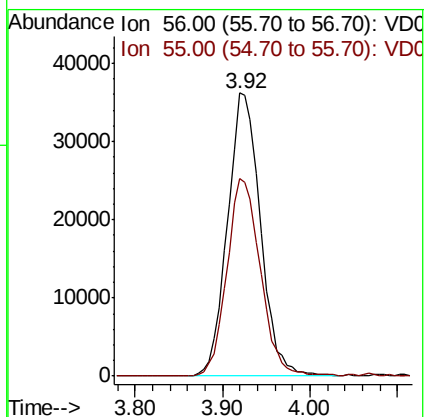
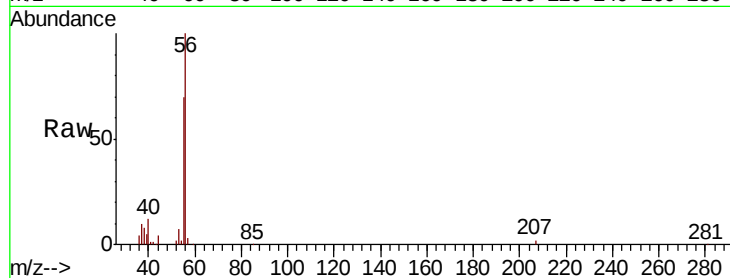
ClientSampleId :

Tot Ion: 56 Resp: 92529

Ion Ratio Lower Upper

56 100

55 70.6 56.6 85.0



#14

Allyl chloride

Concen: 50.736 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

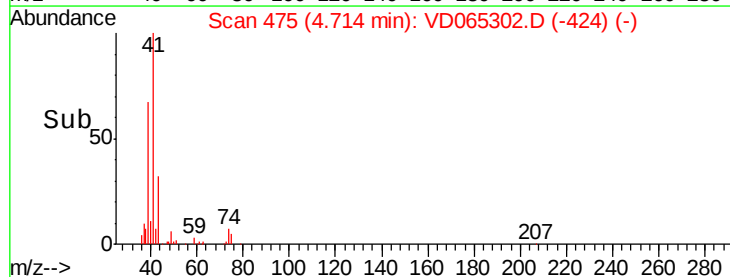
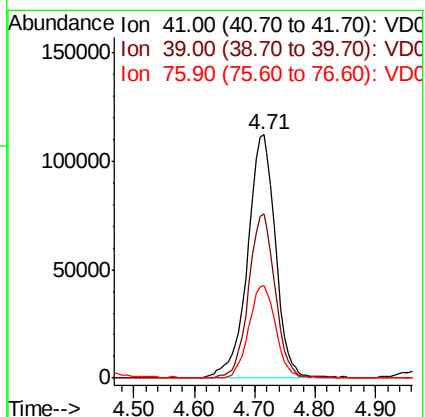
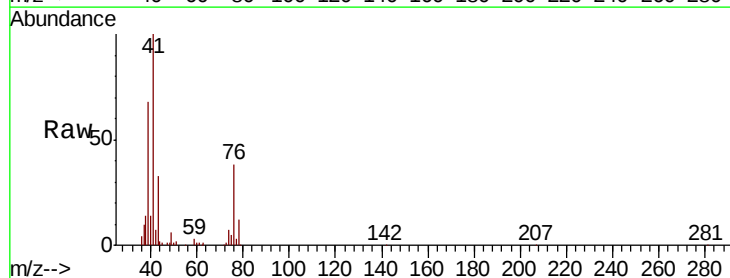
Tgt Ion: 41 Resp: 359584

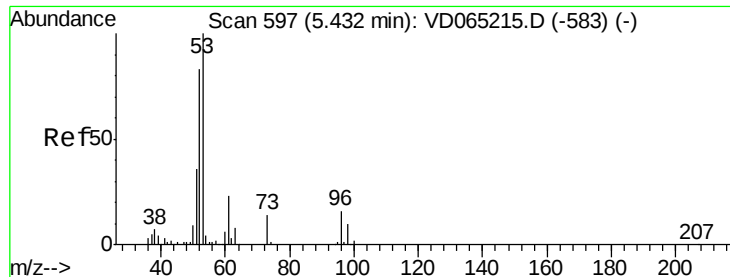
Ion Ratio Lower Upper

41 100

39 64.2 53.8 80.6

76 35.8 28.7 43.1





#15

Acrylonitrile

Concen: 262.971 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

ClientSampled :

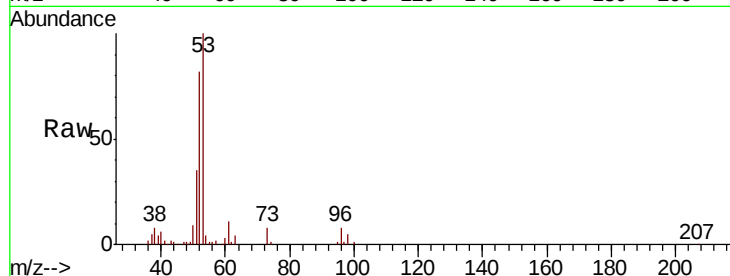
Tot Ion: 53 Resp: 257116

Ion Ratio Lower Upper

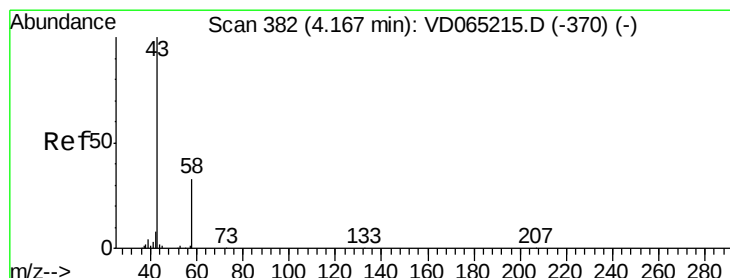
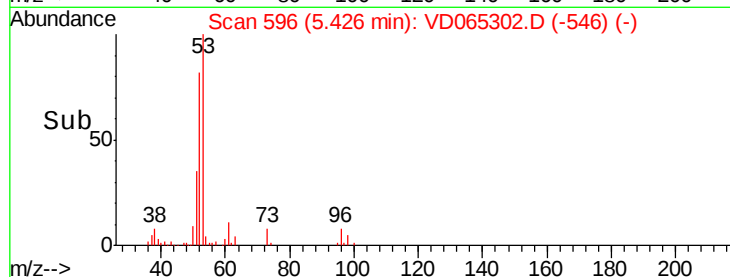
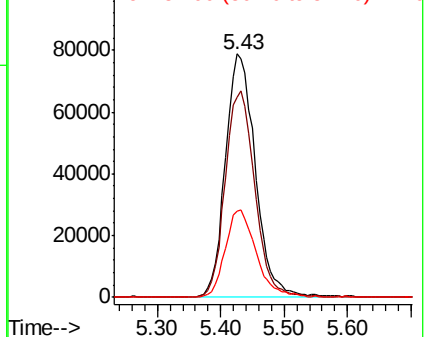
53 100

52 84.0 65.4 98.2

51 37.1 29.5 44.3



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: 227.921 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065302.D

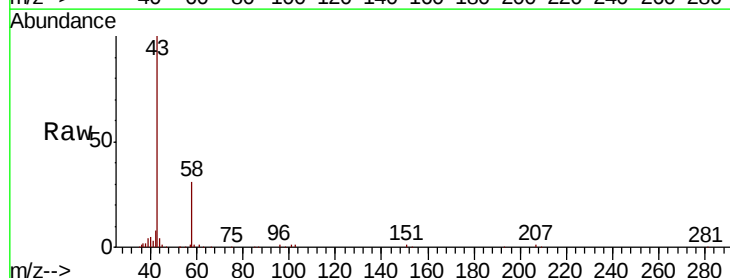
Acq: 24 Feb 2020 18:46

Tgt Ion: 43 Resp: 235941

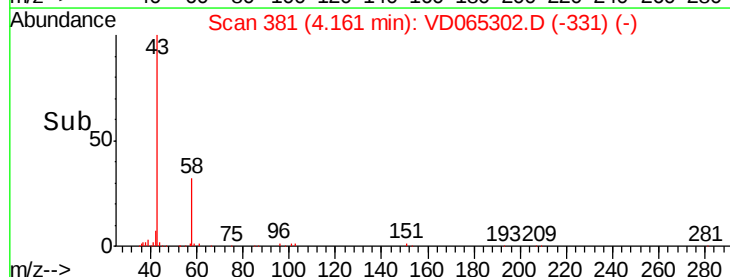
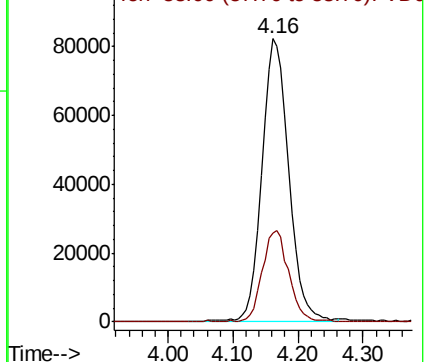
Ion Ratio Lower Upper

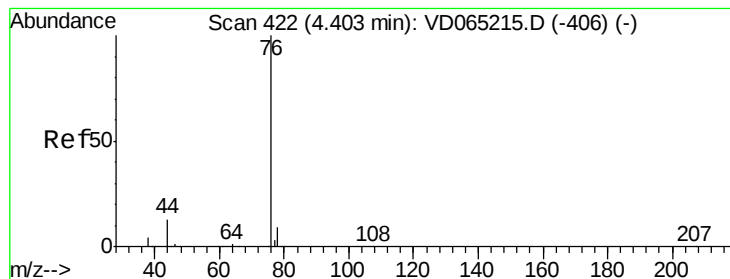
43 100

58 31.1 26.2 39.2



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





#17

Carbon Disulfide

Concen: 47.334 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

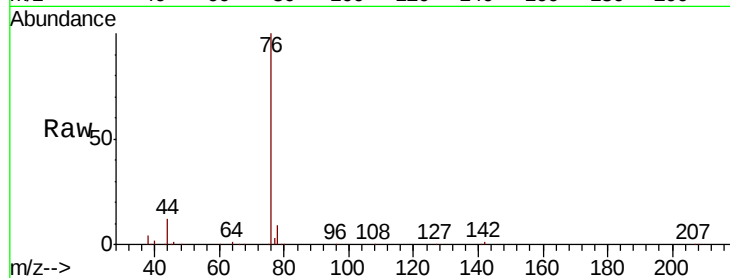
ClientSampleId :

Tot Ion: 76 Resp: 692605

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

250000

200000

150000

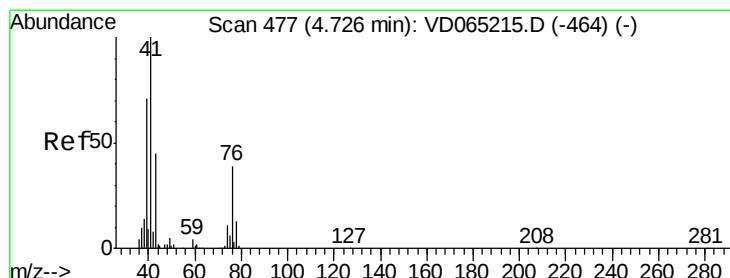
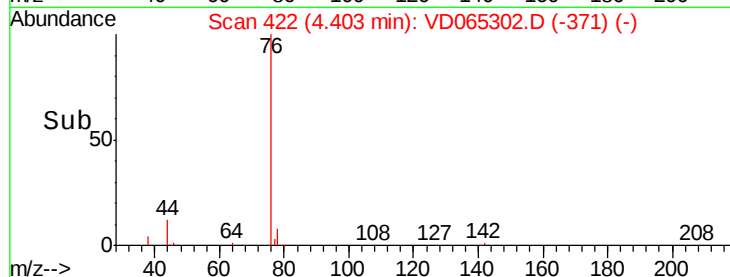
100000

50000

0

4.30 4.40 4.50

Time-->



#18

Methyl Acetate

Concen: 51.233 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065302.D

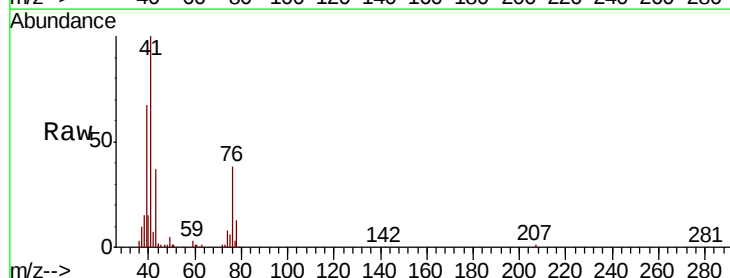
Acq: 24 Feb 2020 18:46

Tgt Ion: 43 Resp: 119282

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

40000

30000

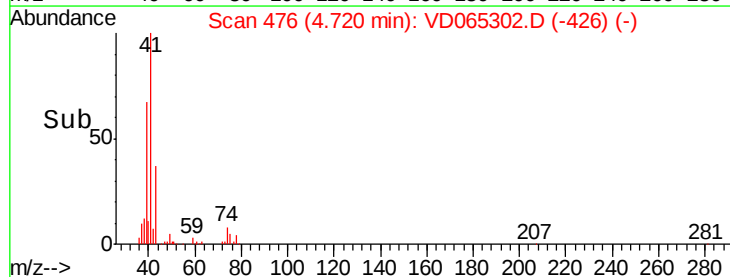
20000

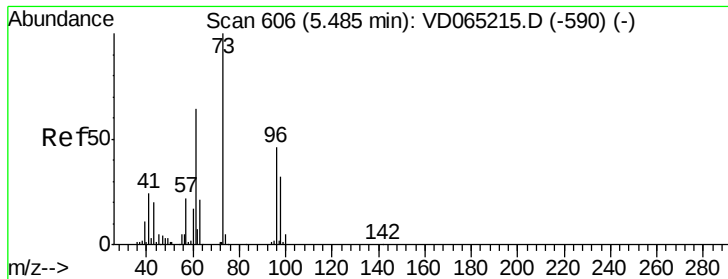
10000

0

4.60 4.70 4.80 4.90

Time-->

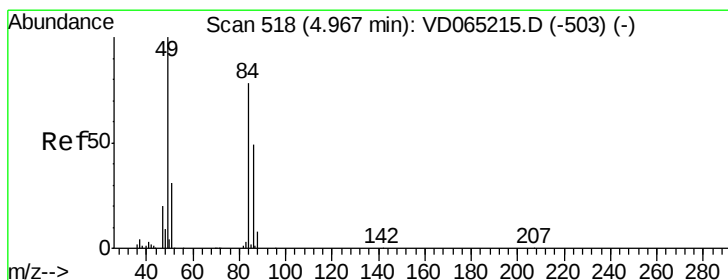
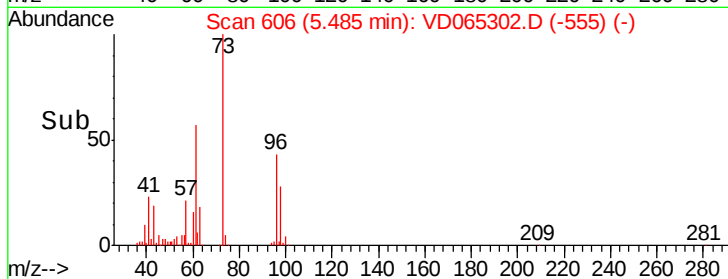
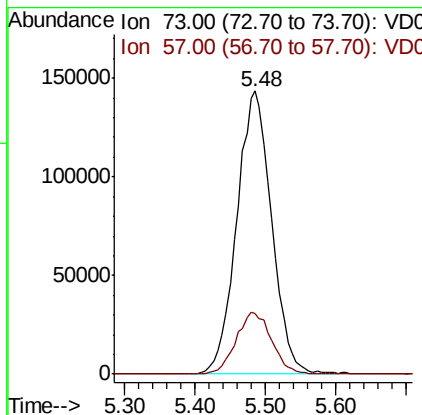
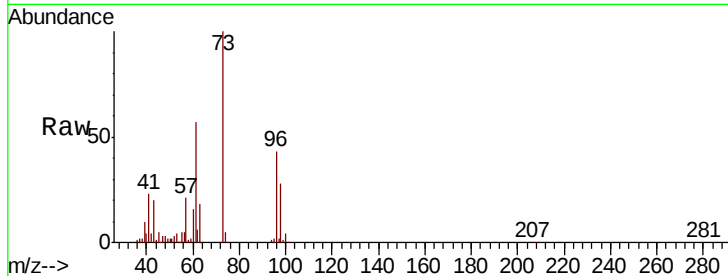




#19
Methvl tert-butvl Ether
Concen: 54.158 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

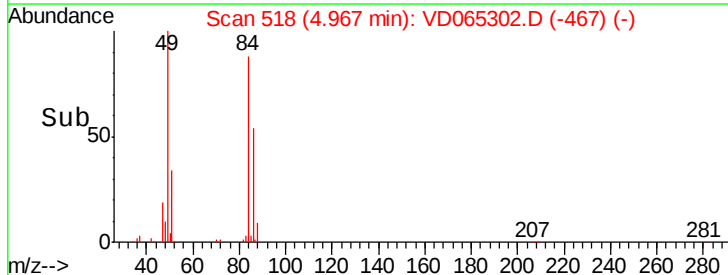
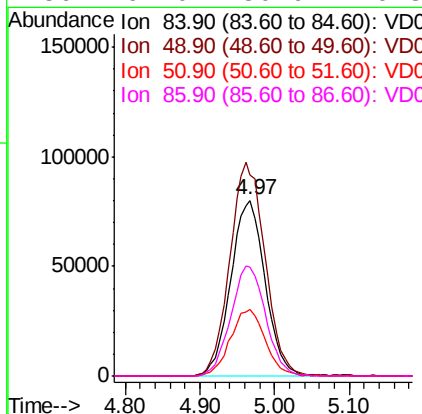
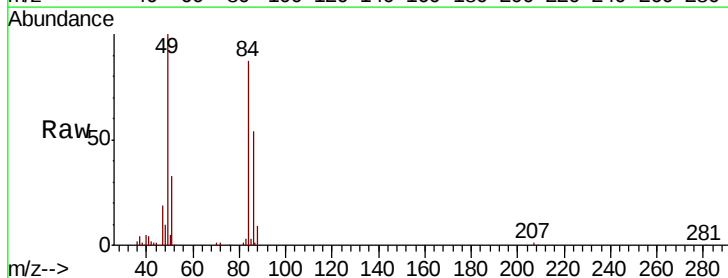
Instrument :
MSVOA_D
ClientSampleId :

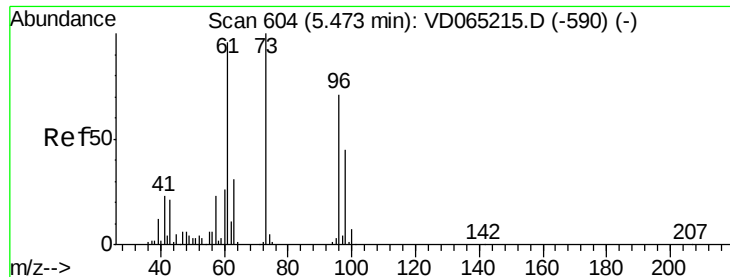
Tot Ion: 73 Resp: 492911
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 56.079 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion: 84 Resp: 255855
Ion Ratio Lower Upper
84 100
49 114.5 103.1 154.7
51 38.2 31.7 47.5
86 62.0 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 50.285 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

ClientSampled :

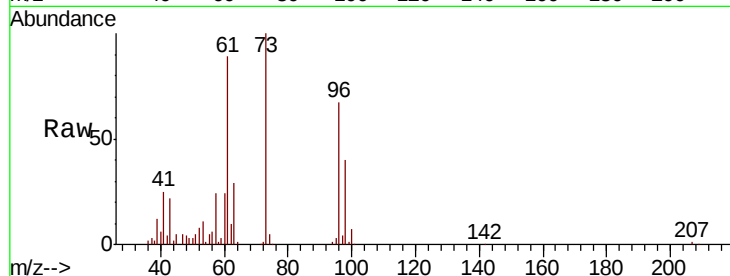
Tot Ion: 96 Resp: 249493

Ion Ratio Lower Upper

96 100

61 132.2 108.3 162.5

98 59.6 50.7 76.1

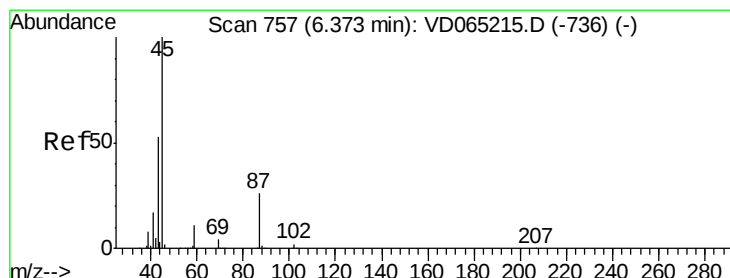
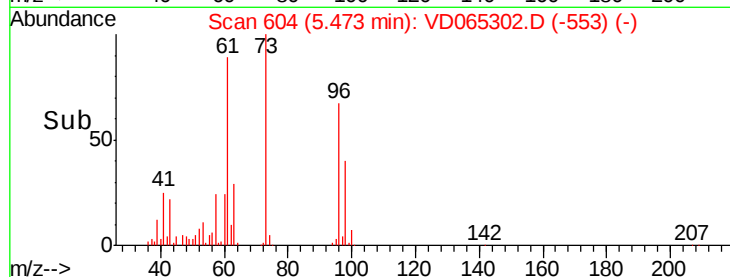
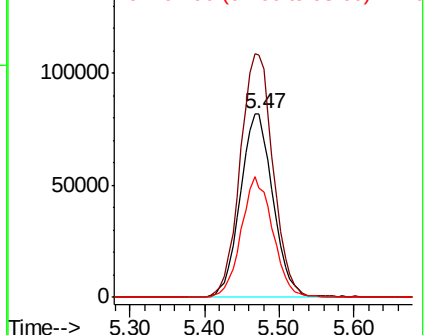


Abundance

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: 53.422 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Tgt Ion: 45 Resp: 729901

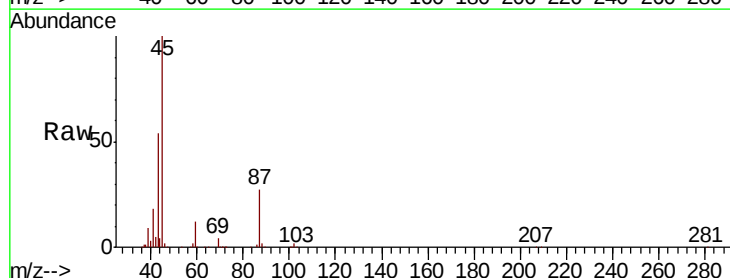
Ion Ratio Lower Upper

45 100

43 53.1 42.6 64.0

87 26.6 21.2 31.8

59 11.7 8.9 13.3



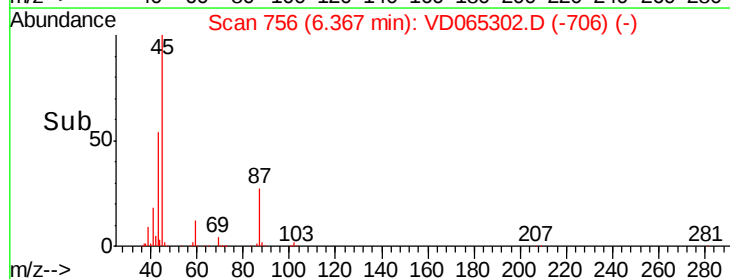
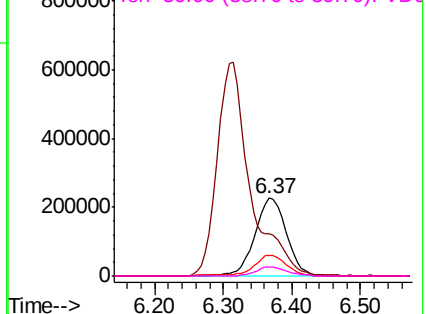
Abundance

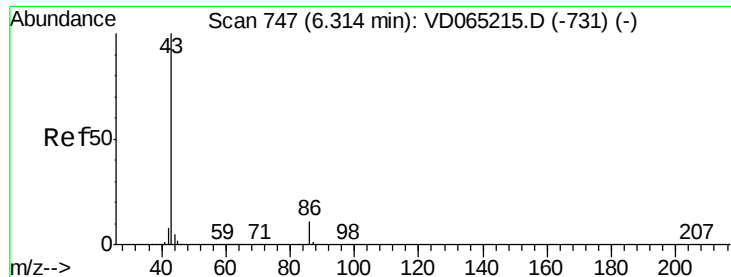
Ion 45.00 (44.70 to 45.70): VDC

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: 276.790 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

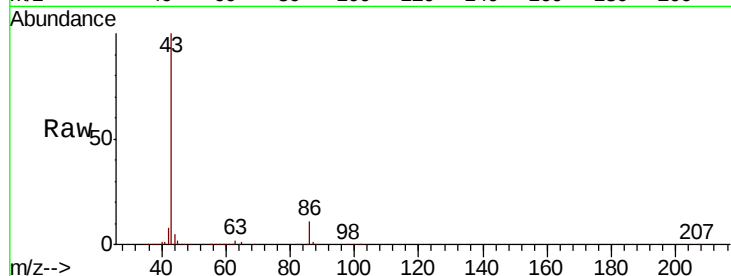
ClientSampleId :

Tot Ion: 43 Resp: 2084878

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

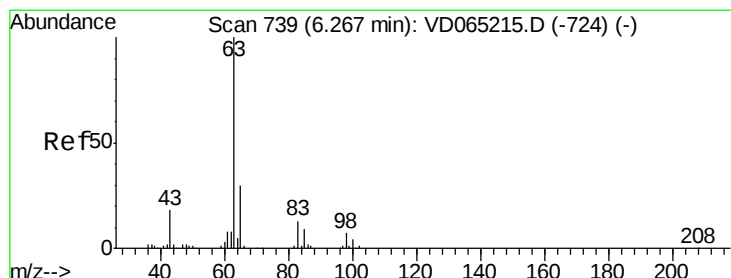
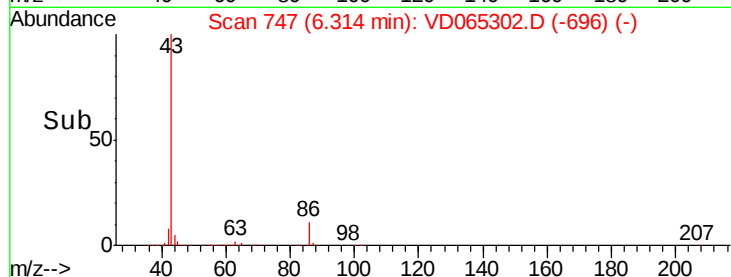
600000

400000

200000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 50.285 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

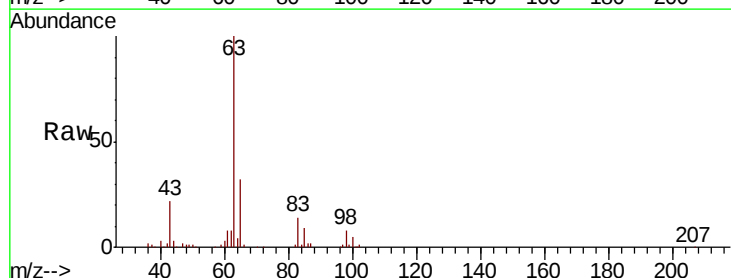
Tgt Ion: 63 Resp: 426149

Ion Ratio Lower Upper

63 100

98 8.0 3.4 10.1

100 5.0 2.3 6.8



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

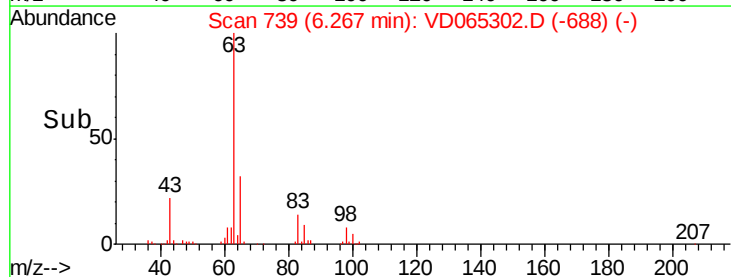
150000

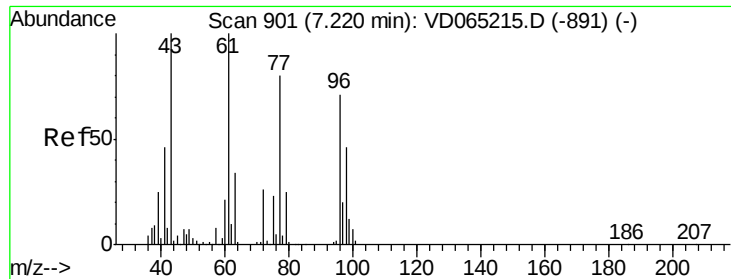
100000

50000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 247.747 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

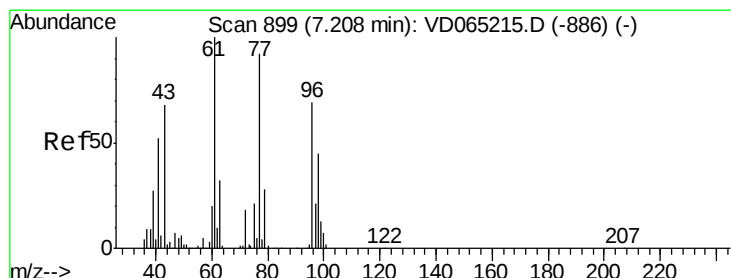
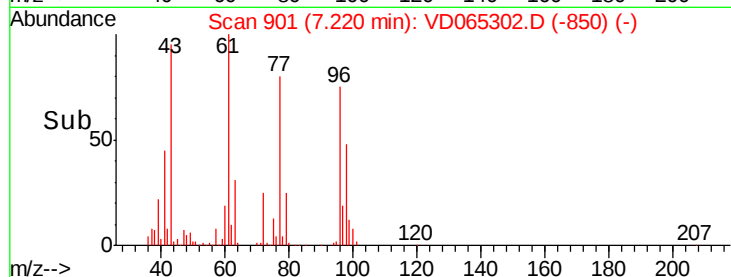
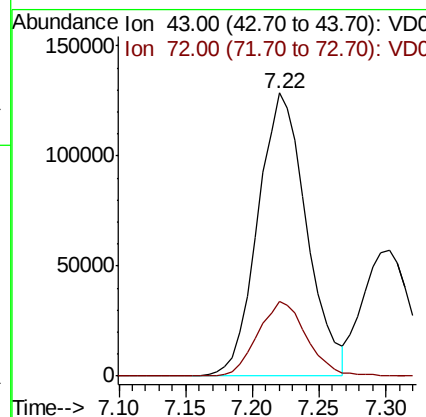
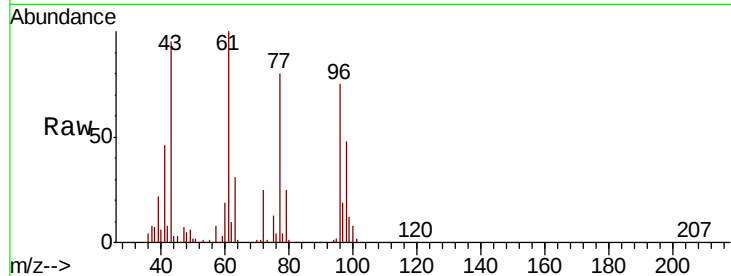
ClientSampleId :

Tot Ion: 43 Resp: 324484

Ion Ratio Lower Upper

43 100

72 26.3 20.9 31.3



#26

2,2-Dichloropropane

Concen: 47.386 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065302.D

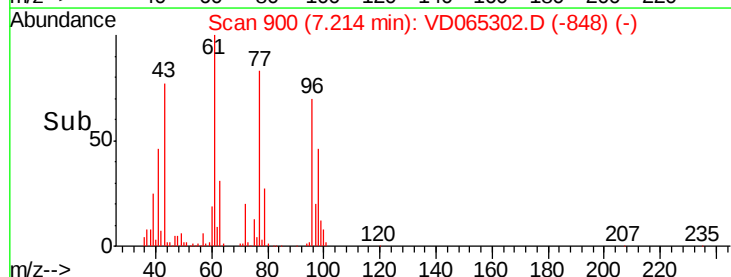
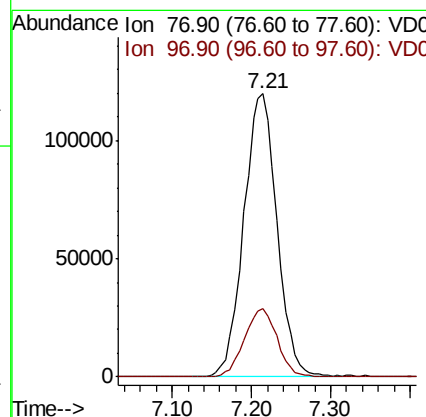
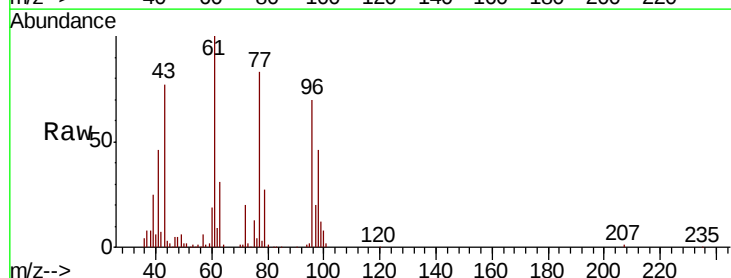
Acq: 24 Feb 2020 18:46

Tgt Ion: 77 Resp: 348427

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1



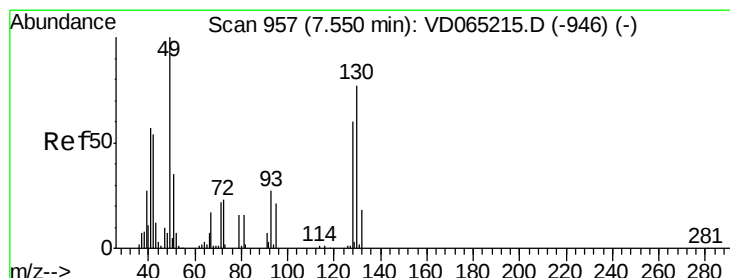
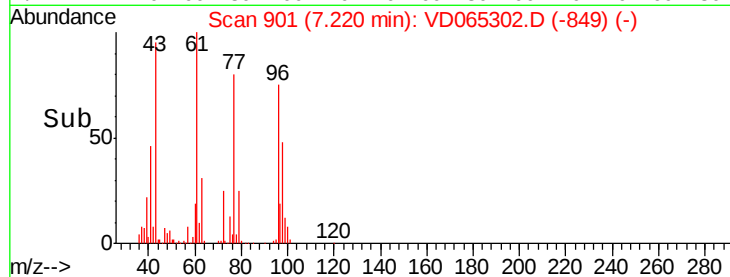
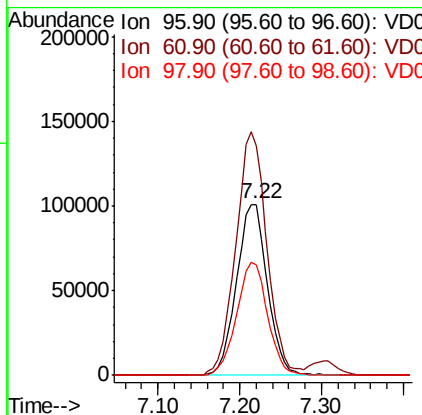
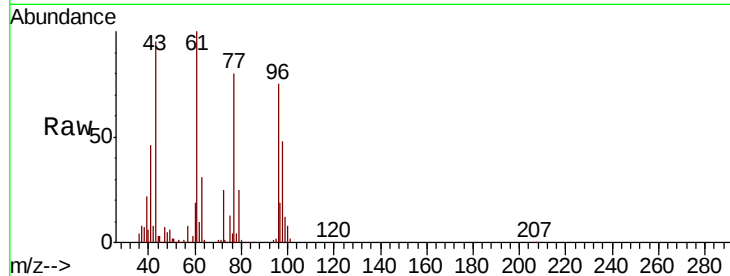


#27

cis-1,2-Dichloroethene
 Concen: 50.577 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

Instrument :
 MSVOA_D
 ClientSampleId :

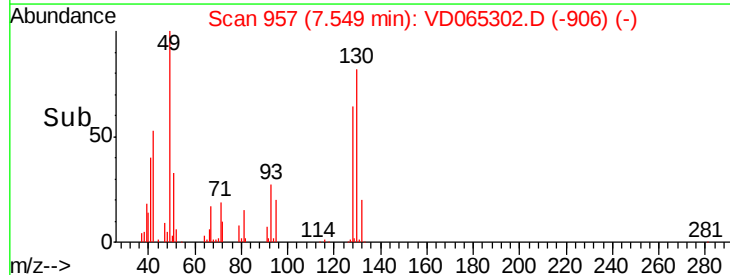
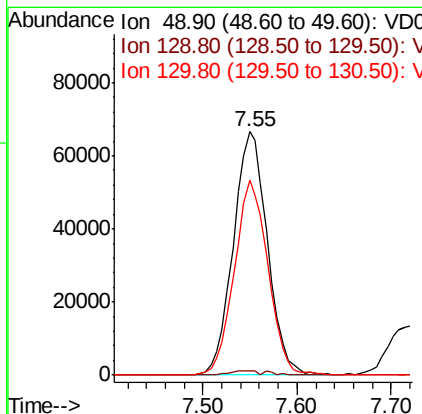
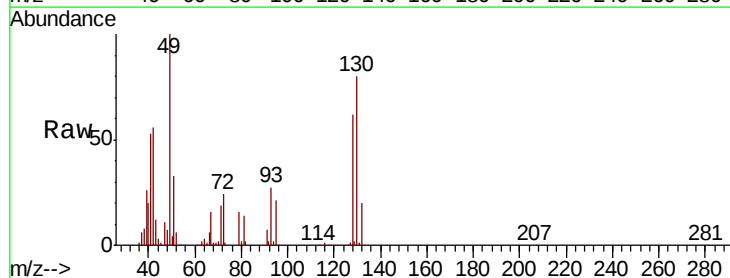
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	286.0
98	66.5	0.0	127.8

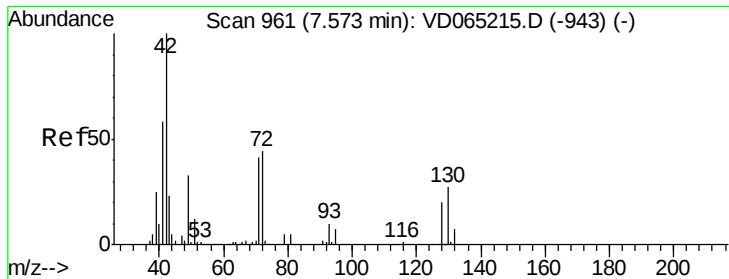


#28

Bromochloromethane
 Concen: 53.356 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.6
130	78.9	64.7	97.1

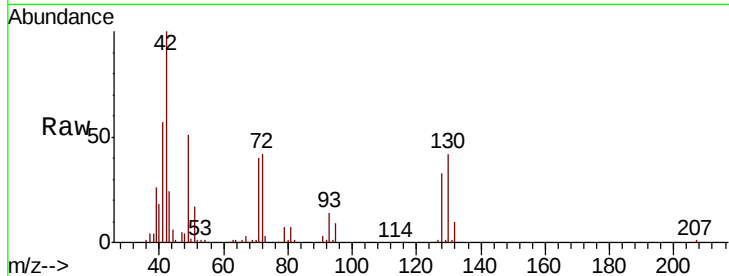




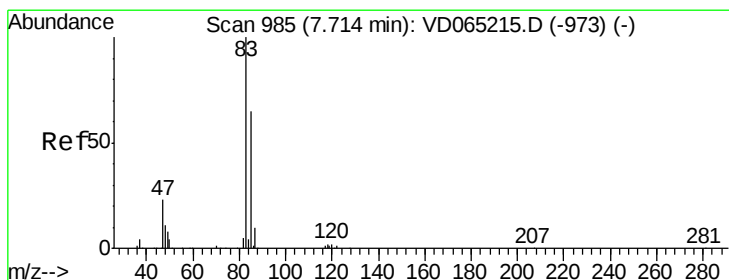
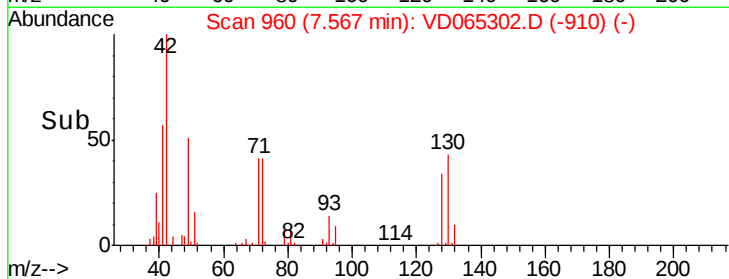
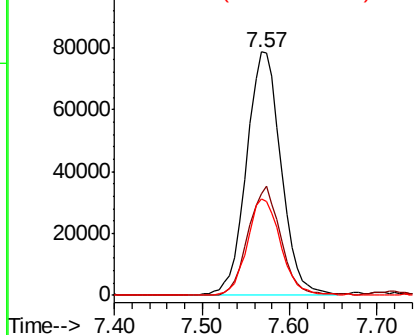
#29
Tetrahydrofuran
Concen: 276.657 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 42 Resp: 212308
Ion Ratio Lower Upper
42 100
72 42.2 33.7 50.5
71 38.5 31.4 47.2

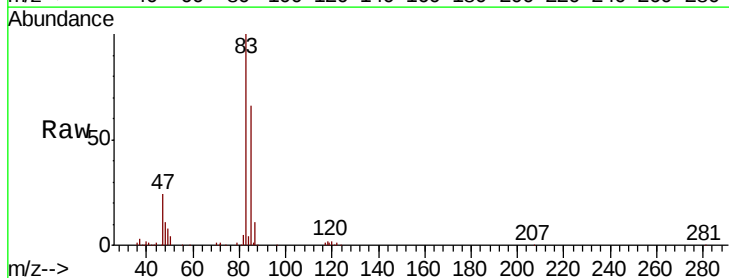


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

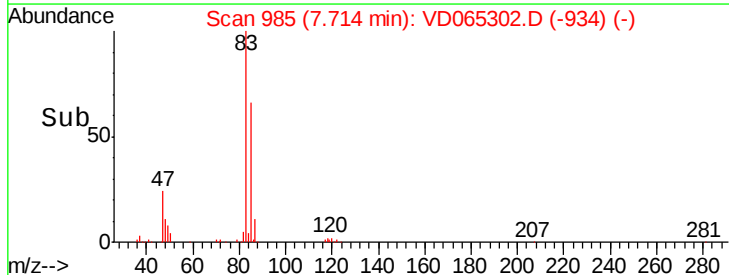
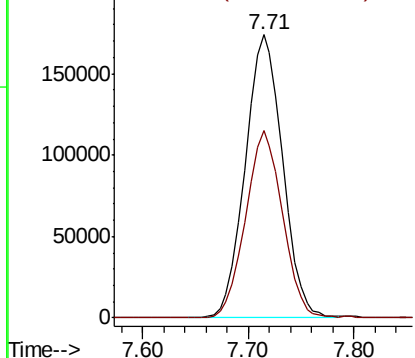


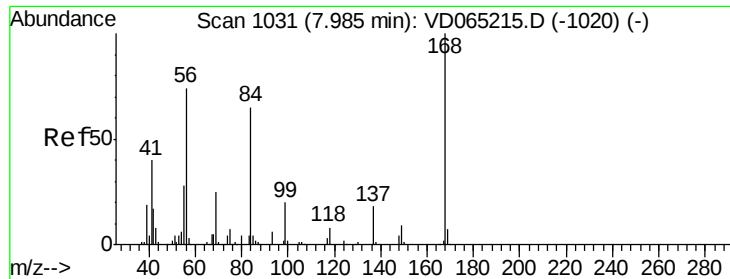
#30
Chloroform
Concen: 50.023 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion: 83 Resp: 427098
Ion Ratio Lower Upper
83 100
85 66.2 52.3 78.5



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

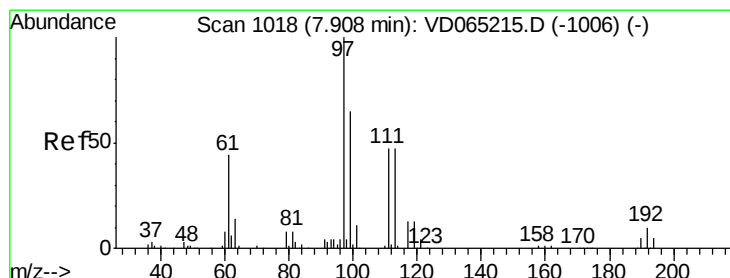
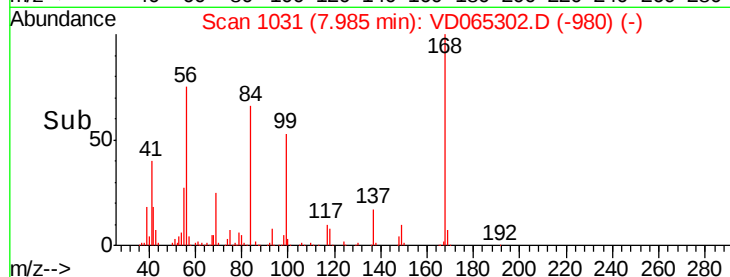
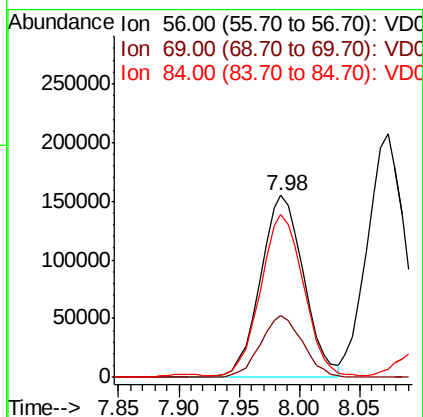
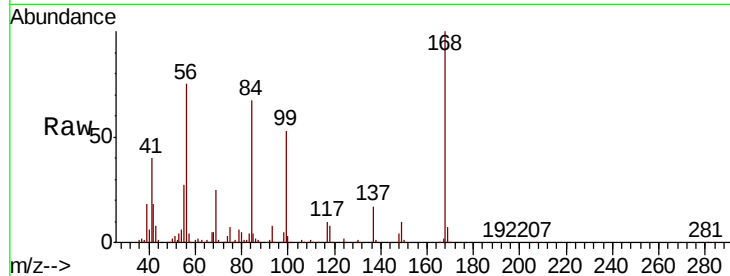




#31
Cyclohexane
Concen: 46.266 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

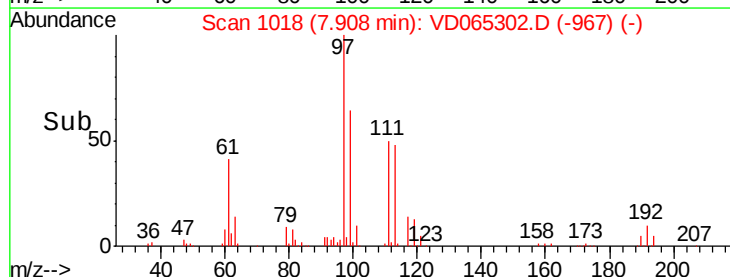
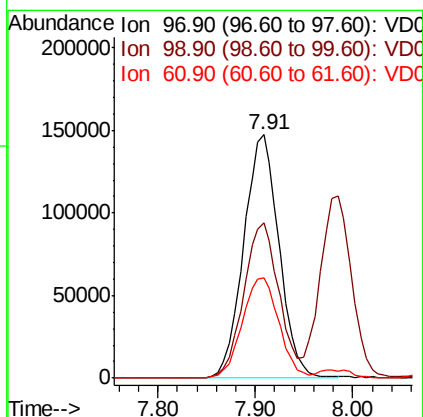
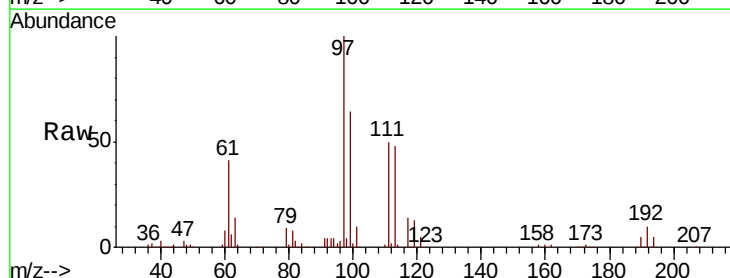
Instrument :
MSVOA_D
ClientSampleID :

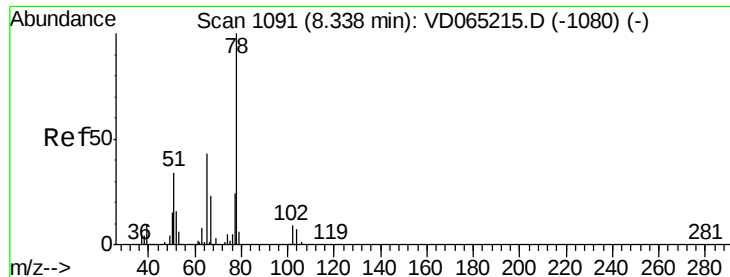
Tot Ion: 56 Resp: 385238
Ion Ratio Lower Upper
56 100
69 33.9 27.4 41.0
84 87.6 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 48.878 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion: 97 Resp: 373384
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.2
61 42.7 34.8 52.2

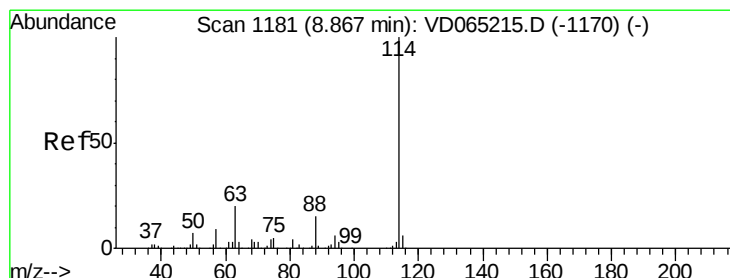
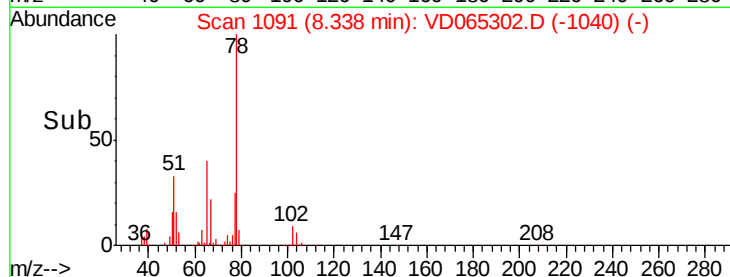
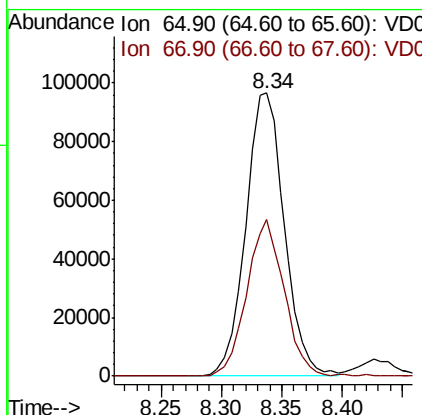
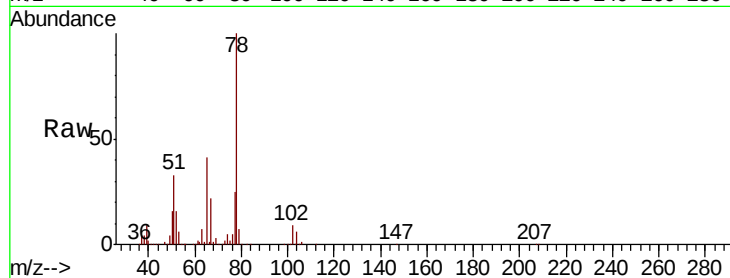




#33
 1,2-Dichloroethane-d4
 Concen: 50.819 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

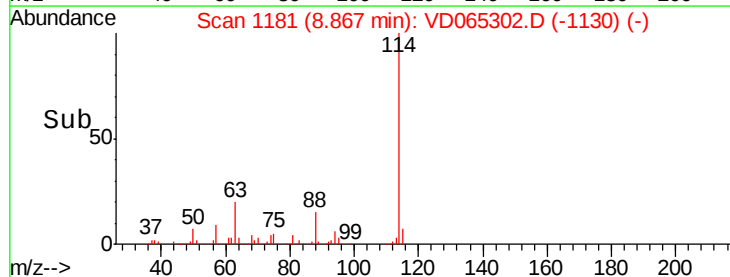
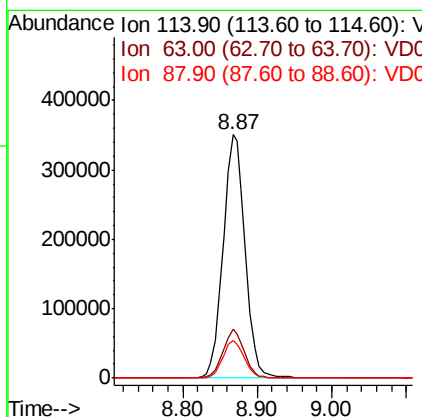
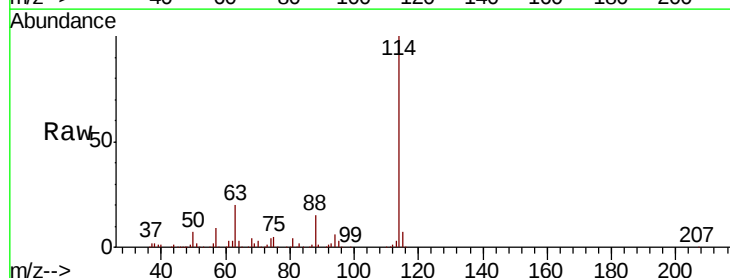
Instrument :
 MSVOA_D
 ClientSampleId :

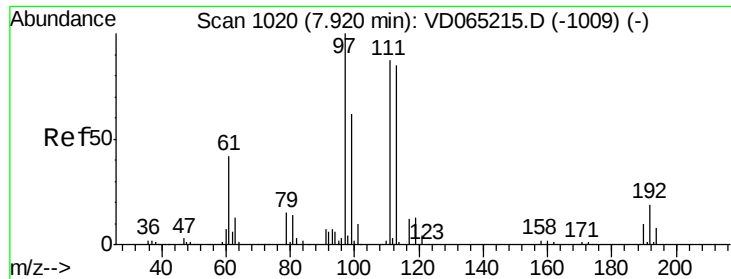
Tot Ion: 65 Resp: 215208
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

Tgt Ion: 114 Resp: 716947
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.3 0.0 30.4

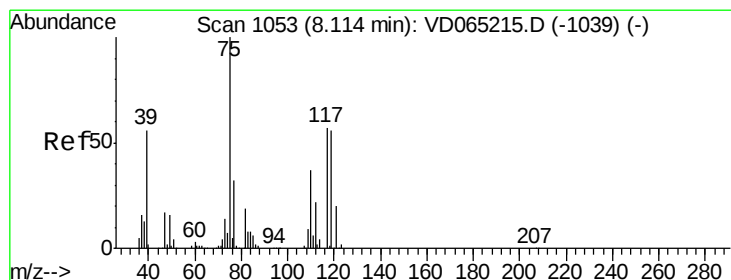
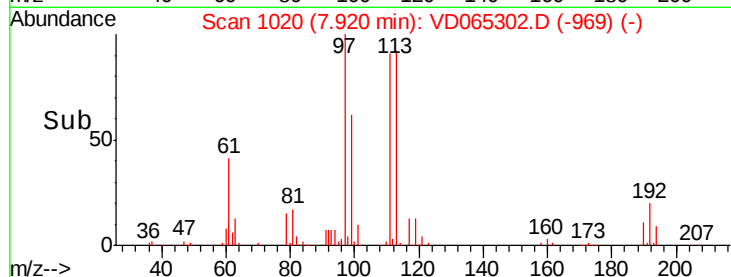
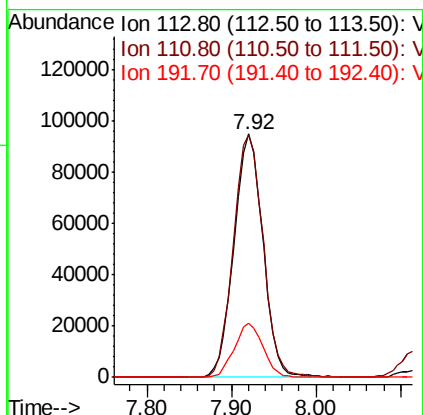
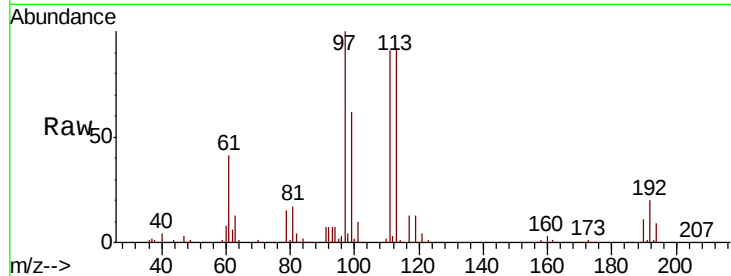




#35
 Dibromofluoromethane
 Concen: 51.438 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

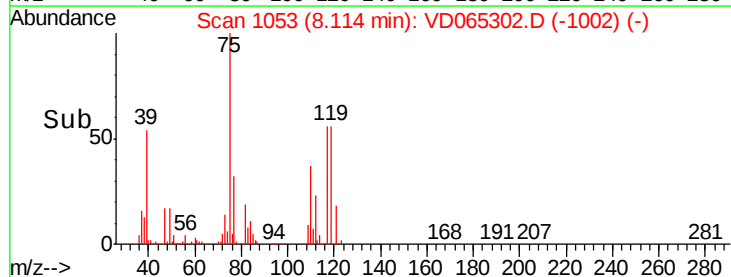
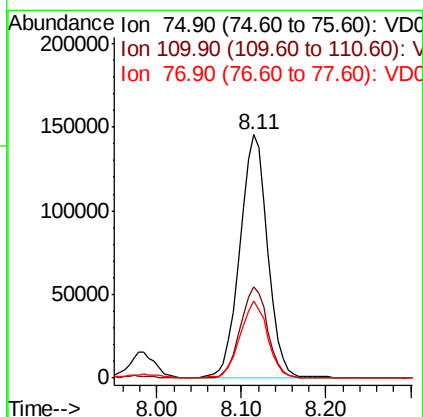
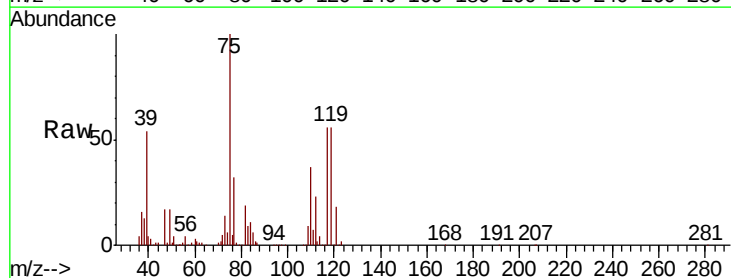
Instrument :
 MSVOA_D
 ClientSampleId :

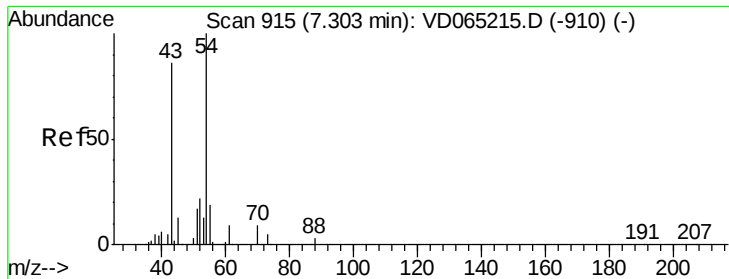
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	22.1	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 47.237 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.9	53.7
77	31.8	25.1	37.7

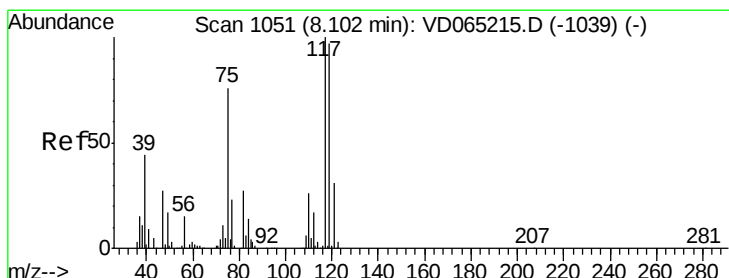
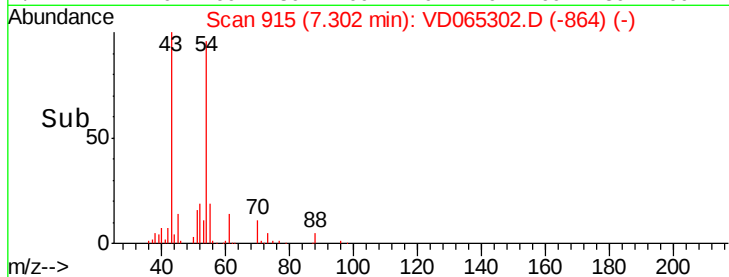
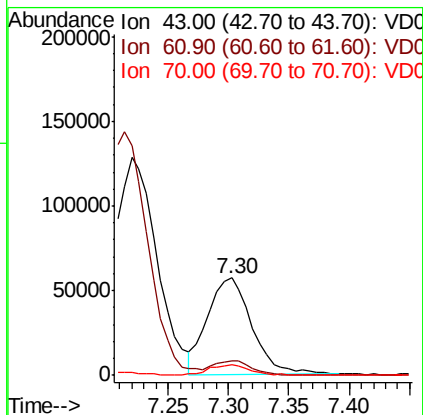
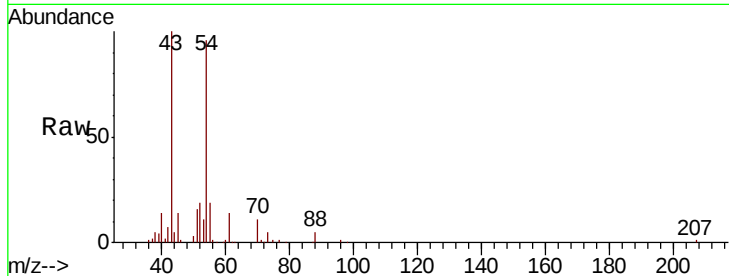




#37
Ethyl Acetate
Concen: 50.123 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

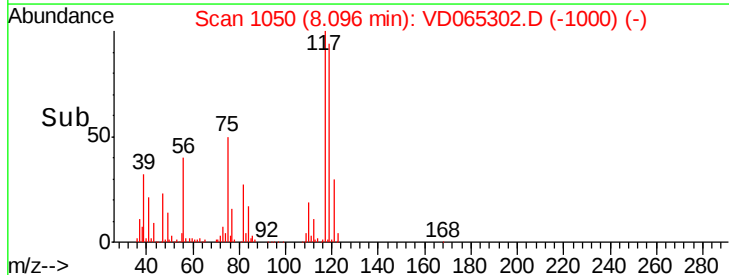
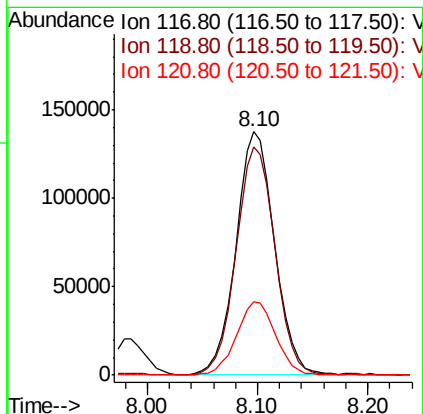
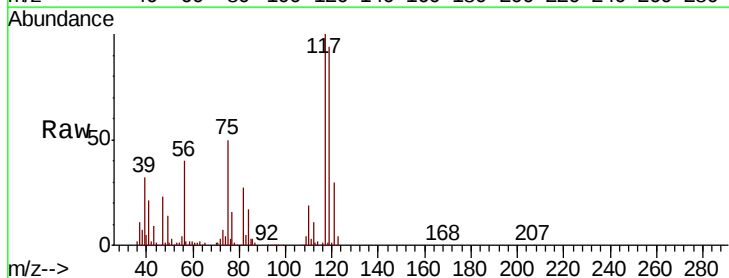
Instrument :
MSVOA_D
ClientSampleId :

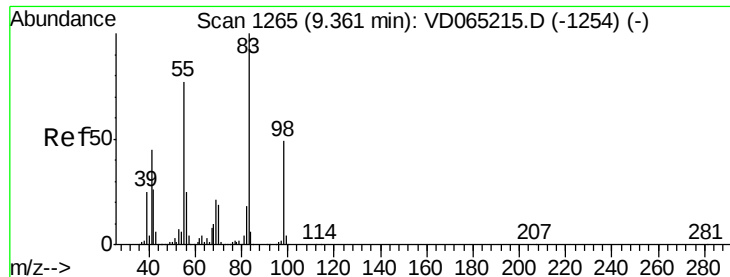
Tot Ion: 43 Resp: 146171
Ion Ratio Lower Upper
43 100
61 12.9 11.2 16.8
70 10.1 8.2 12.2



#38
Carbon Tetrachloride
Concen: 47.243 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion: 117 Resp: 335492
Ion Ratio Lower Upper
117 100
119 93.7 77.6 116.4
121 30.4 24.8 37.2

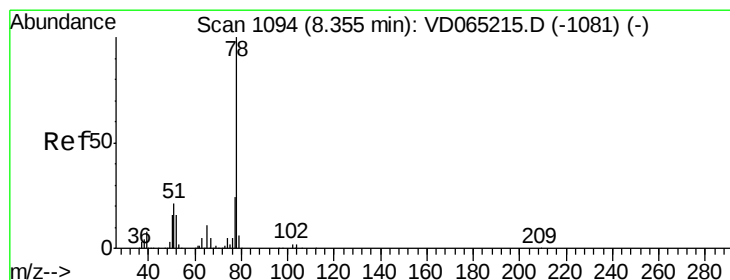
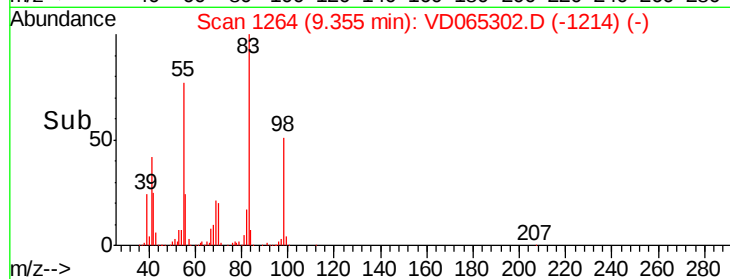
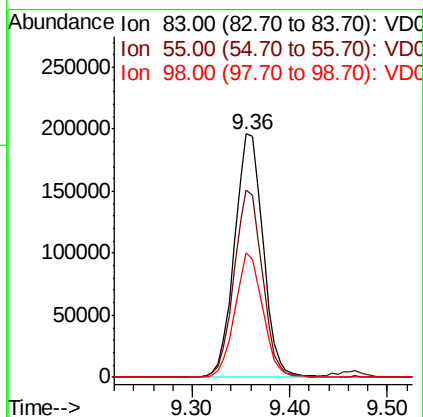
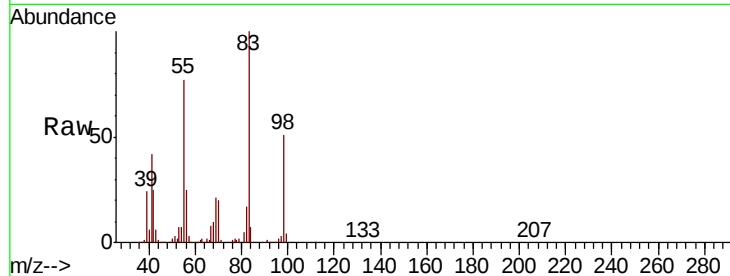




#39
Methvlcvclohexane
Concen: 48.946 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

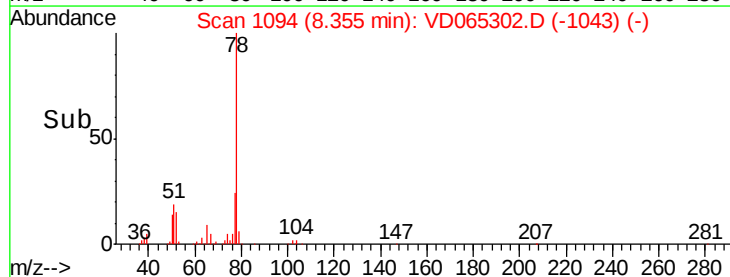
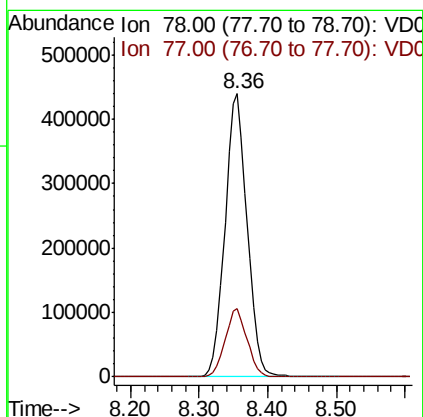
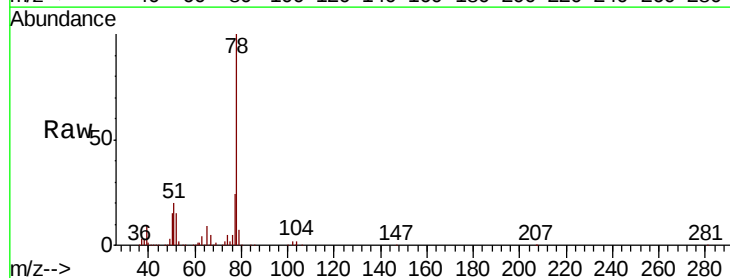
Instrument :
MSVOA_D
ClientSampled :

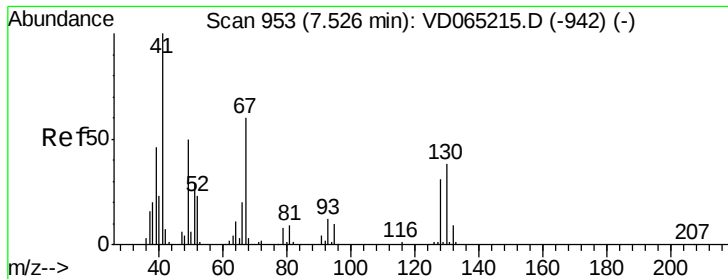
Tot Ion: 83 Resp: 401415
Ion Ratio Lower Upper
83 100
55 76.7 61.8 92.6
98 51.3 39.4 59.0



#40
Benzene
Concen: 49.891 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion: 78 Resp: 982376
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

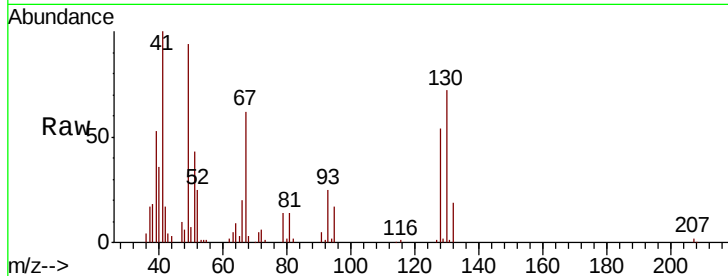




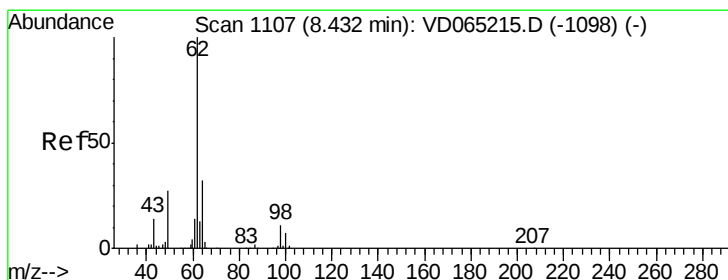
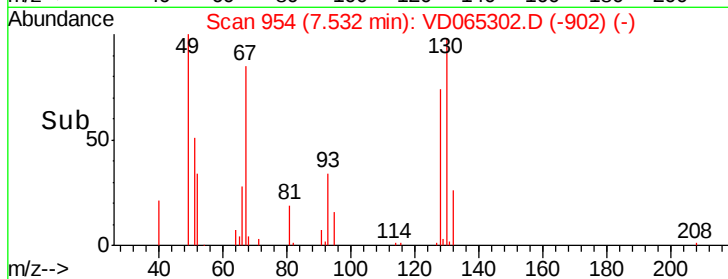
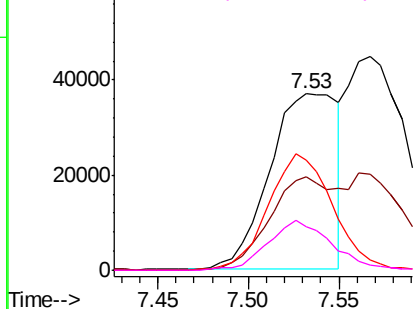
#41
Methacrylonitrile
Concen: 57.297 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	41	Resp:	96478
Ion	Ratio	Lower	Upper
41	100		
39	45.0	48.1	72.1#
67	63.8	58.9	88.3
52	27.0	24.2	36.2

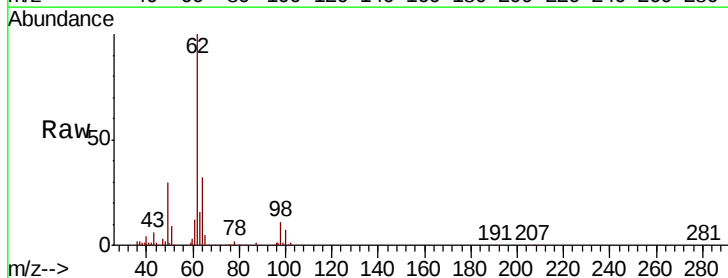


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

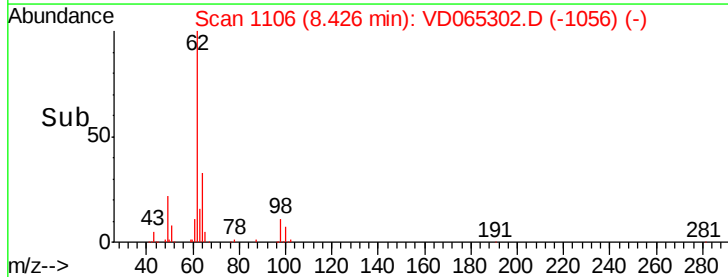
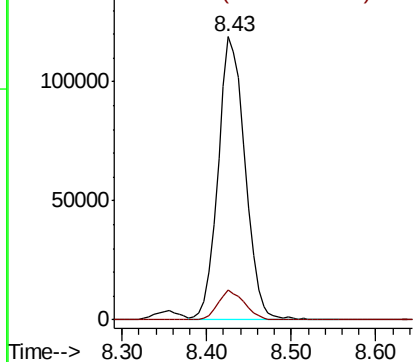


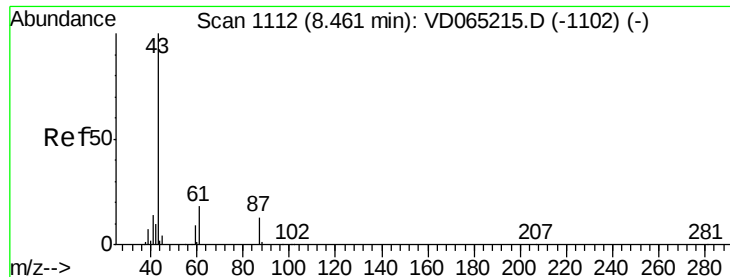
#42
1,2-Dichloroethane
Concen: 48.892 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion:	62	Resp:	264657
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 51.268 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

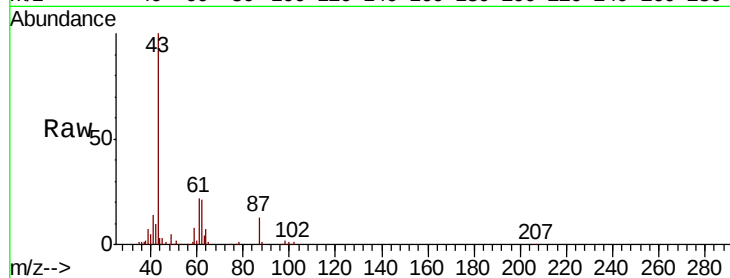
Tot Ion: 43 Resp: 271882

Ion Ratio Lower Upper

43 100

61 31.6 24.6 36.8

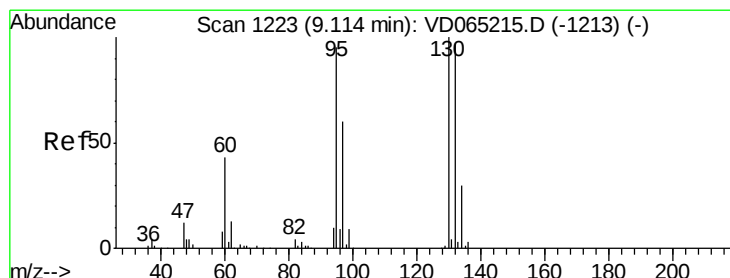
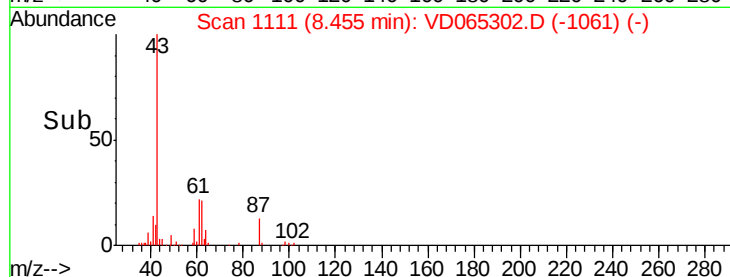
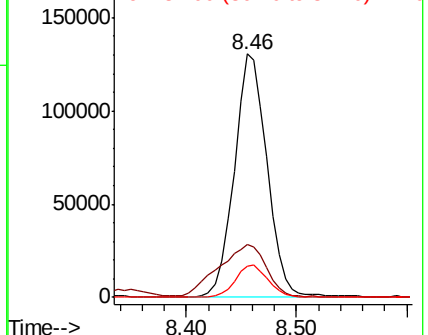
87 13.3 10.6 16.0



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: 48.658 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065302.D

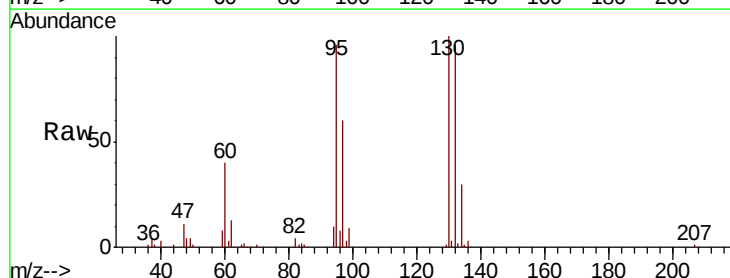
Acq: 24 Feb 2020 18:46

Tgt Ion:130 Resp: 265578

Ion Ratio Lower Upper

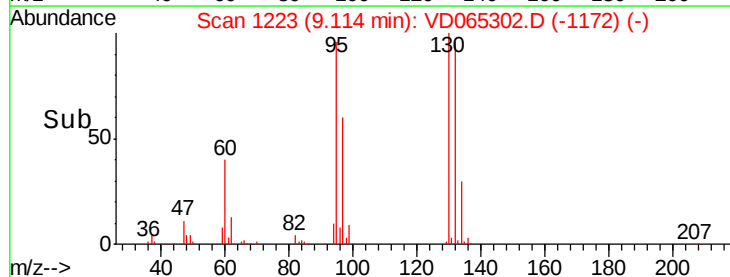
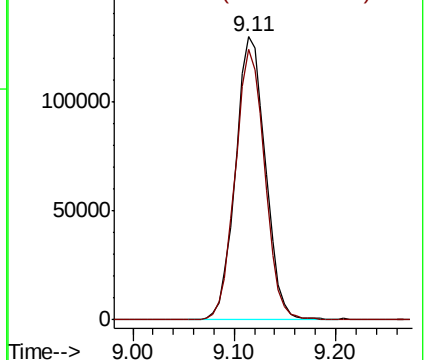
130 100

95 95.6 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

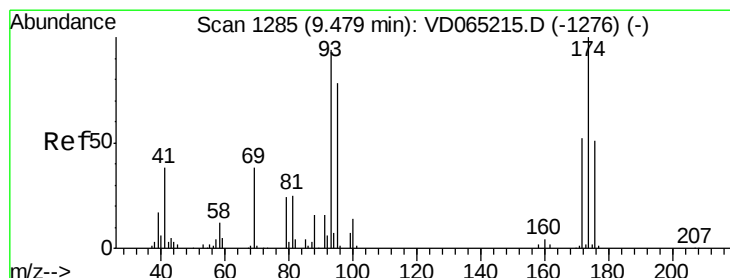
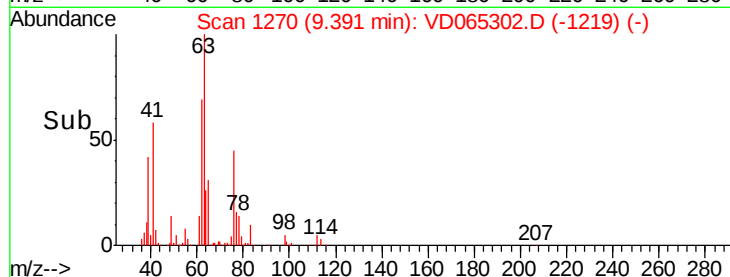
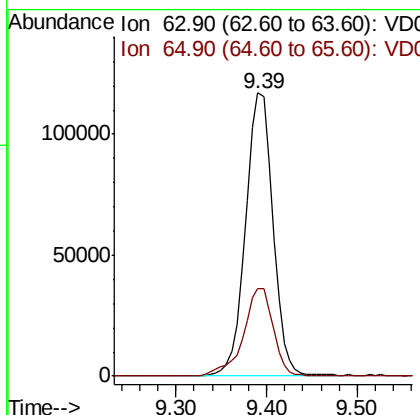
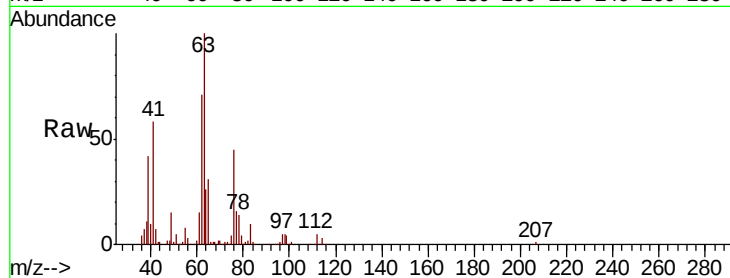




#45
 1,2-Dichloropropane
 Concen: 50.301 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

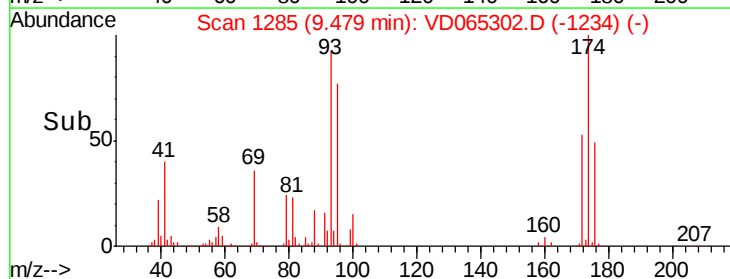
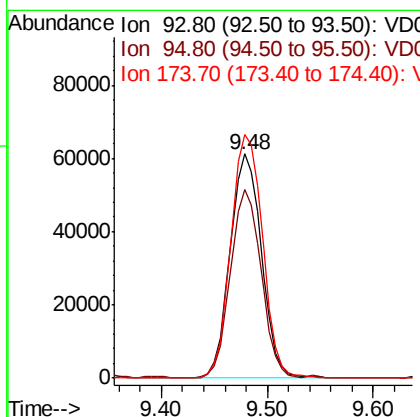
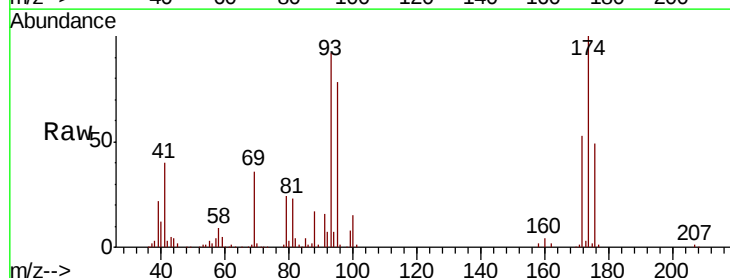
Instrument :
 MSVOA_D
 ClientSampled :

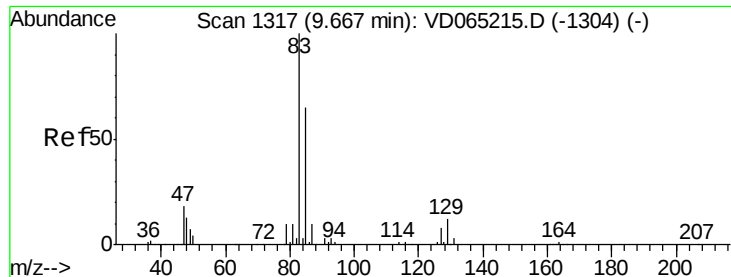
Tot Ion: 63 Resp: 246280
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 49.991 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

Tgt Ion: 93 Resp: 125935
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.8 98.6
 174 109.7 86.8 130.2

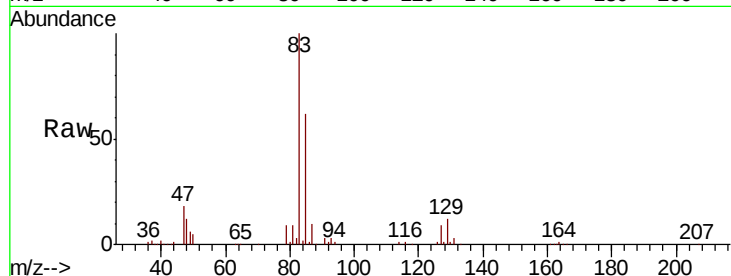




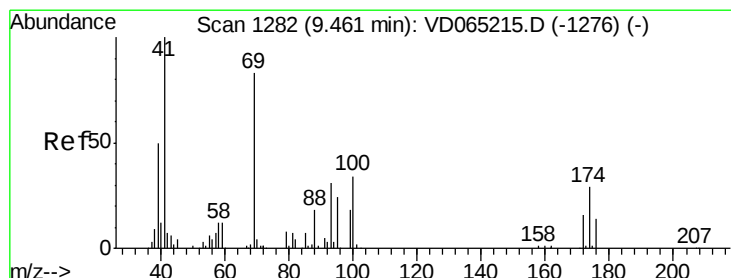
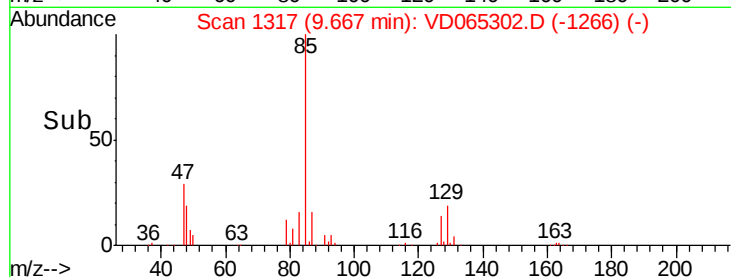
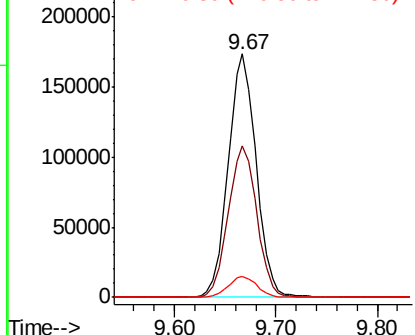
#47
Bromodichloromethane
Concen: 50.008 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 331994
Ion Ratio Lower Upper
83 100
85 62.3 52.0 78.0
127 8.8 6.7 10.1

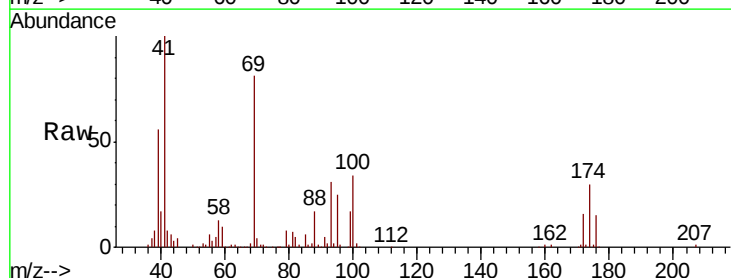


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

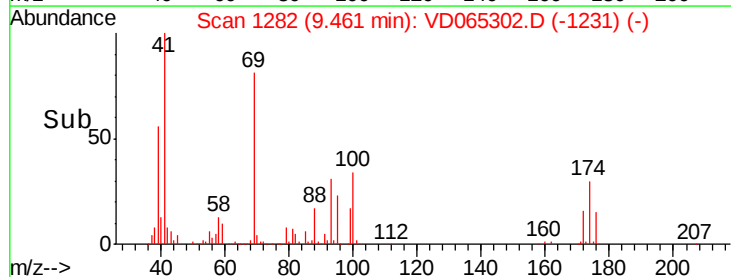
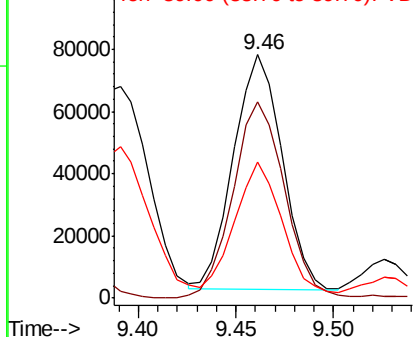


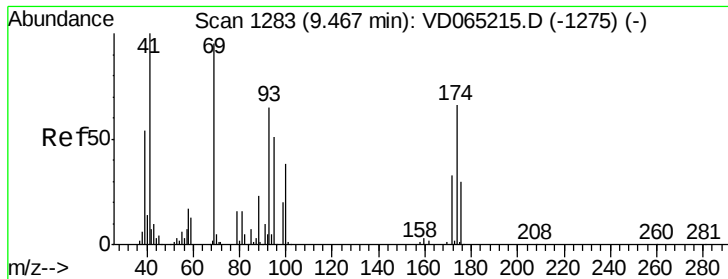
#48
Methyl methacrylate
Concen: 53.235 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion: 41 Resp: 130494
Ion Ratio Lower Upper
41 100
69 88.8 68.2 102.2
39 52.3 42.0 63.0



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: 1078.455 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :
MSVOA_D
ClientSampleId :

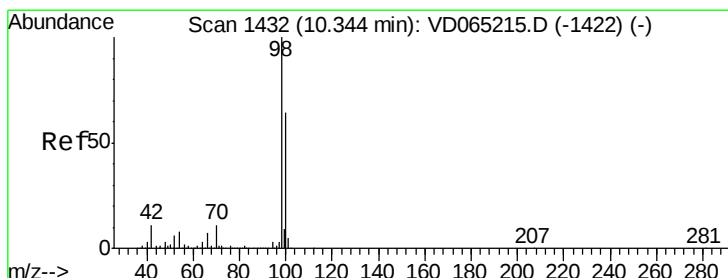
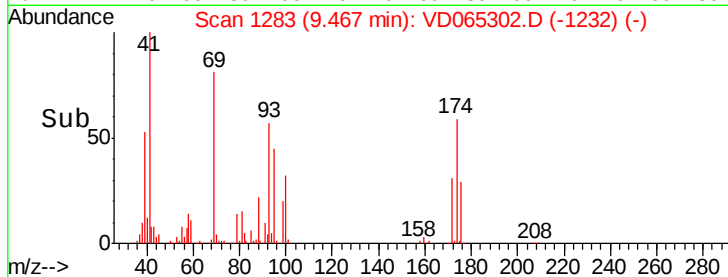
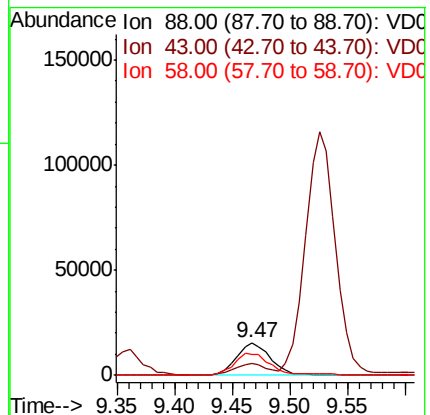
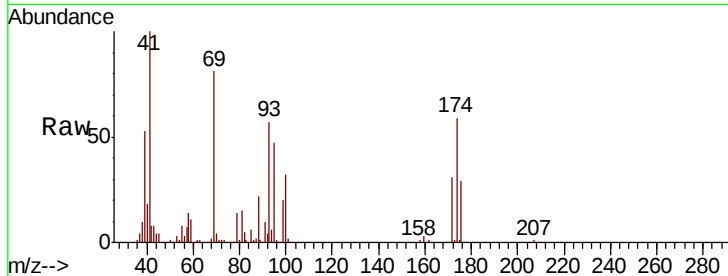
Tot Ion: 88 Resp: 31864

Ion Ratio Lower Upper

88 100

43 35.1 28.5 42.7

58 69.1 58.6 87.8



#50

Toluene-d8

Concen: 51.404 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065302.D

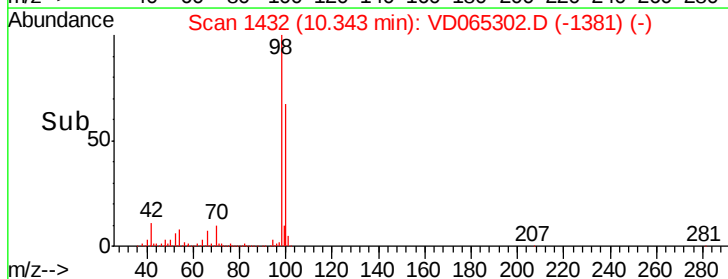
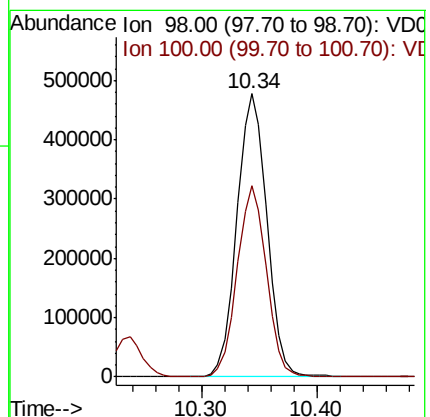
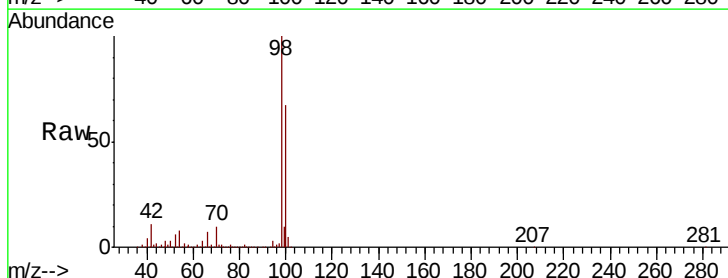
Acq: 24 Feb 2020 18:46

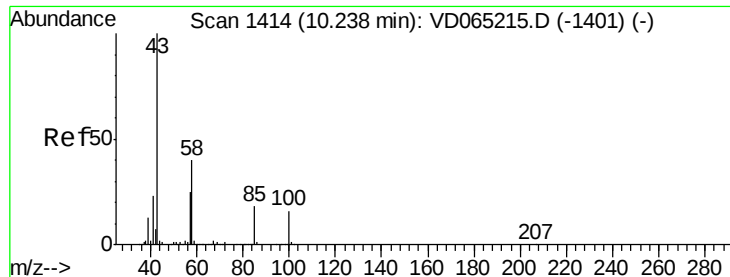
Tgt Ion: 98 Resp: 859064

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 266.499 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

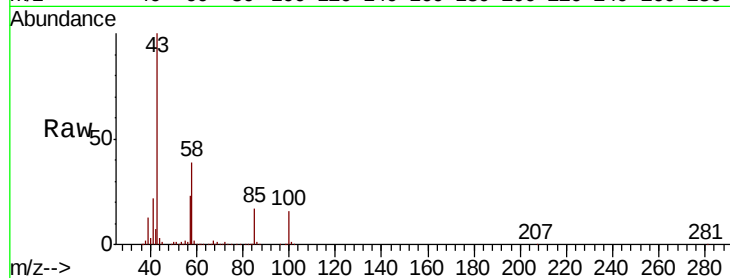
ClientSampleId :

Tot Ion: 43 Resp: 717821

Ion Ratio Lower Upper

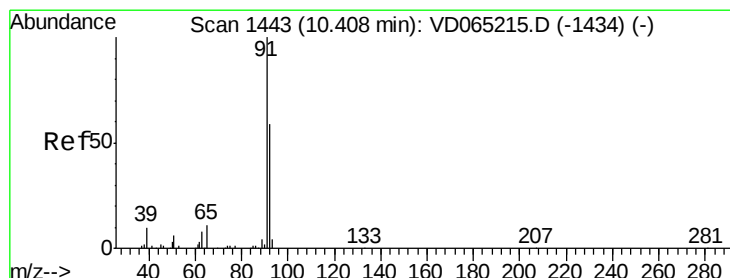
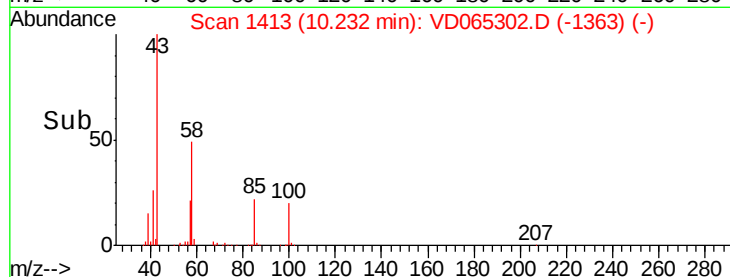
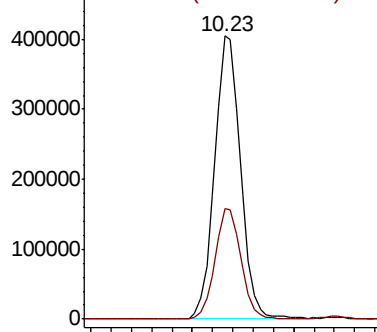
43 100

58 39.1 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 51.165 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065302.D

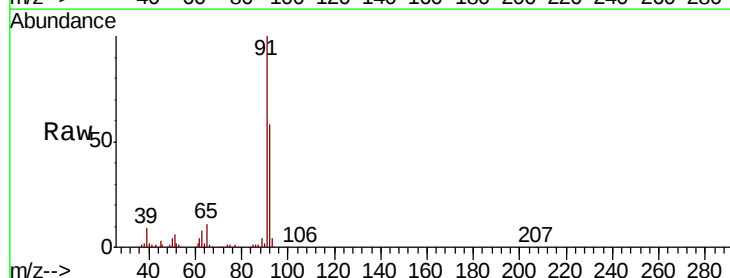
Acq: 24 Feb 2020 18:46

Tgt Ion: 92 Resp: 623597

Ion Ratio Lower Upper

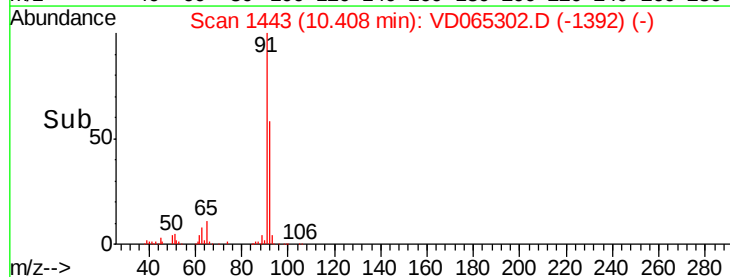
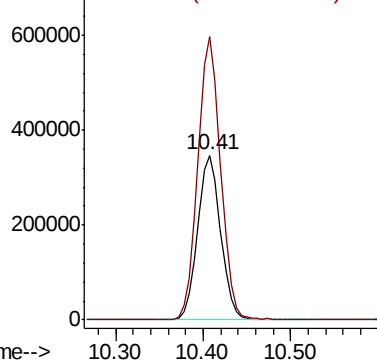
92 100

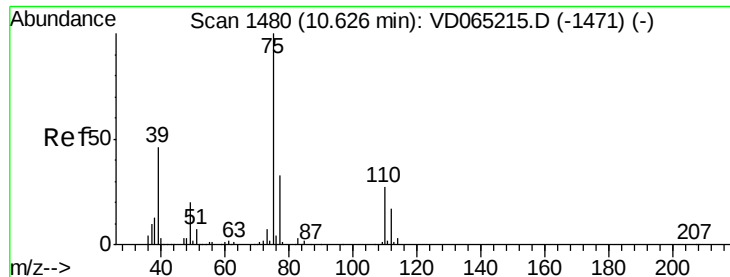
91 171.3 136.3 204.5



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: 51.882 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

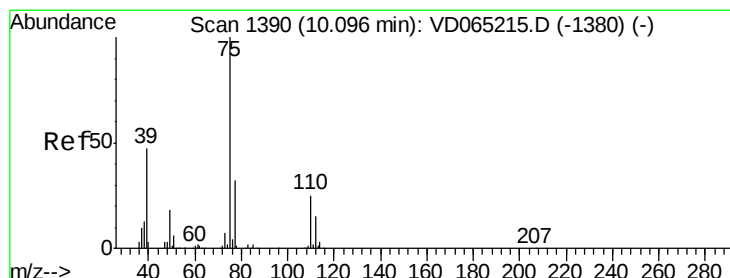
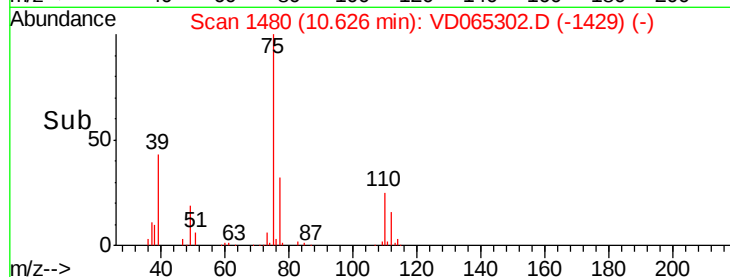
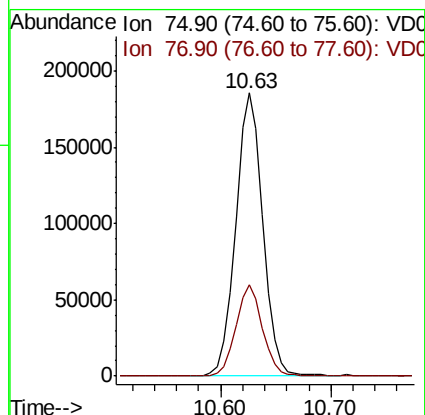
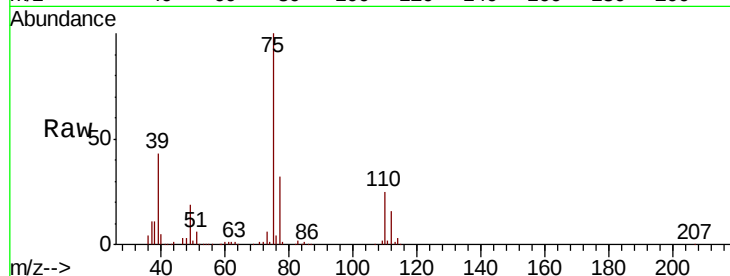
ClientSampleId :

Tot Ion: 75 Resp: 319262

Ion Ratio Lower Upper

75 100

77 32.1 26.6 40.0



#54

cis-1,3-Dichloropropene

Concen: 52.059 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

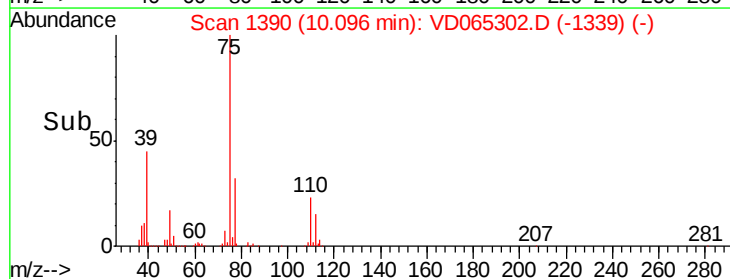
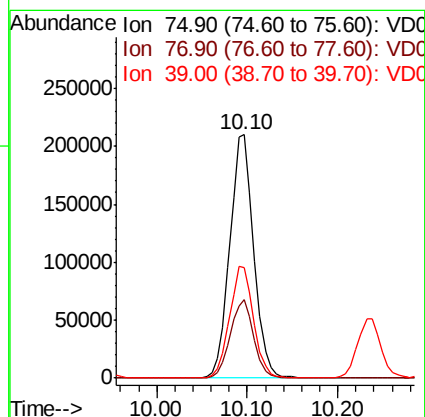
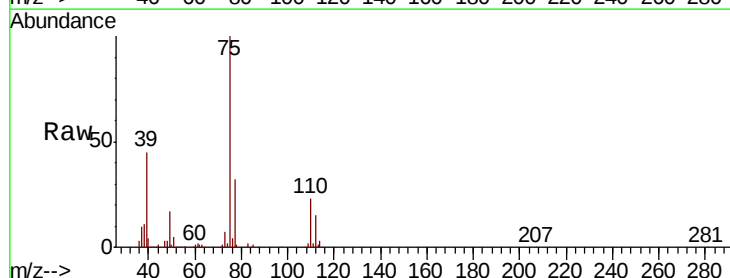
Tgt Ion: 75 Resp: 386841

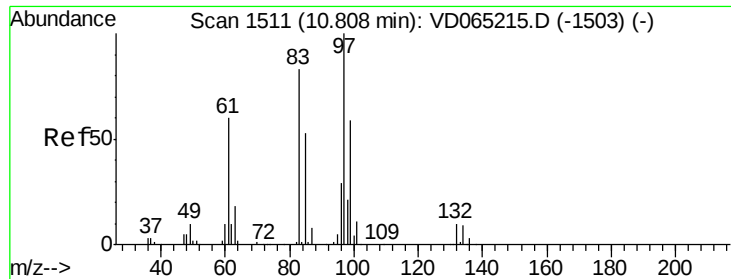
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

39 45.1 37.3 55.9

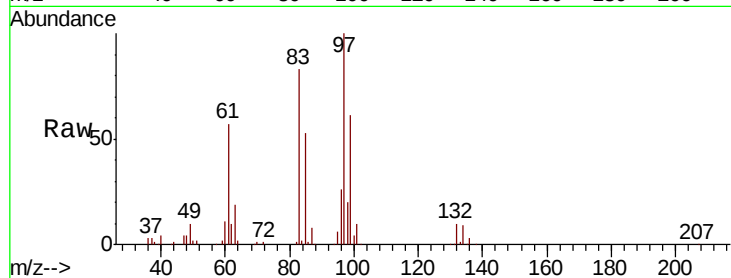




#55
 1,1,2-Trichloroethane
 Concen: 50.682 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	179705
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.7	100.1
85	53.4	42.4	63.6
99	60.6	47.5	71.3



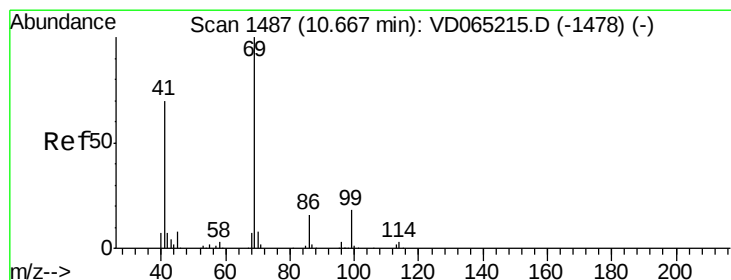
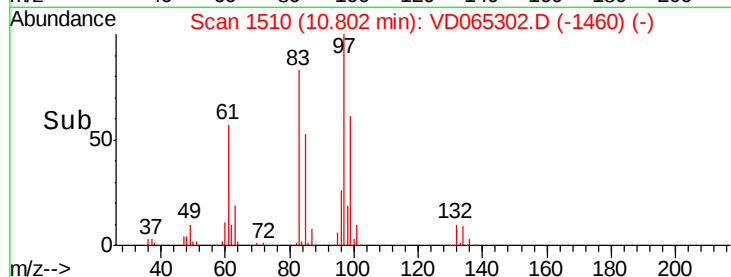
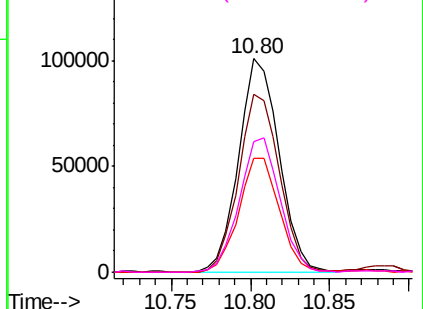
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

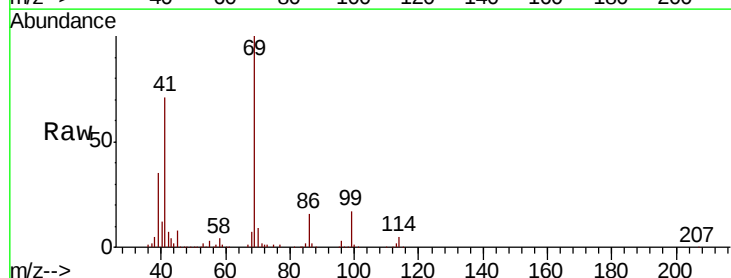
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 55.906 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

Tgt Ion:	69	Resp:	228796
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.6	81.8
39	31.5	26.5	39.7

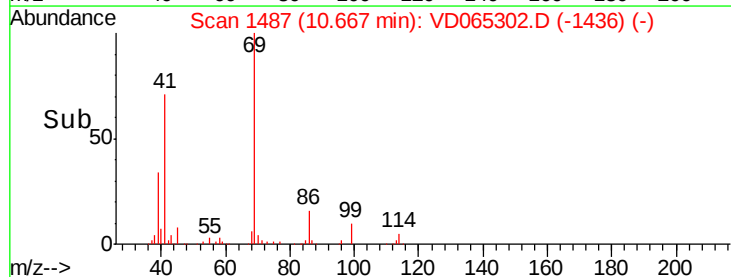
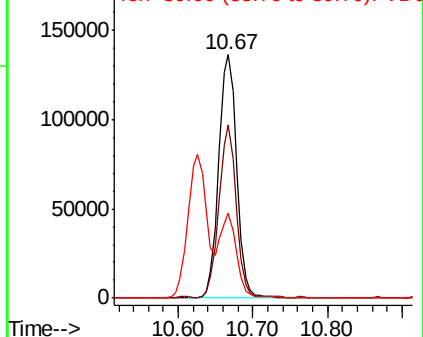


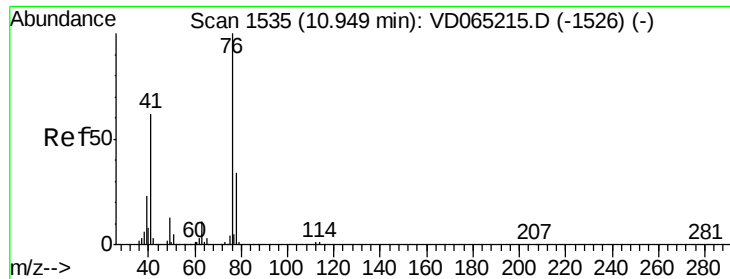
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 51.935 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

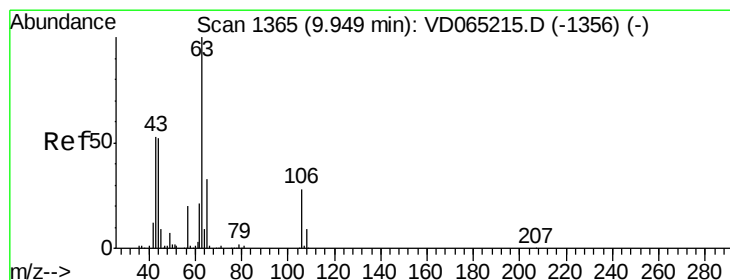
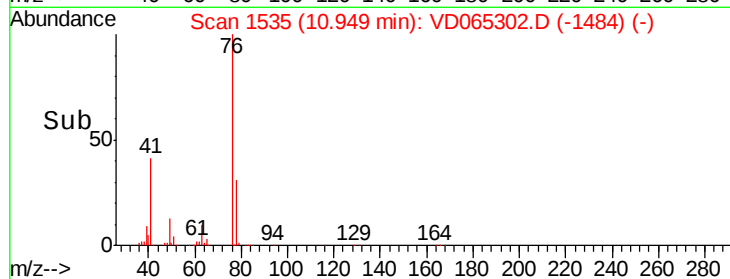
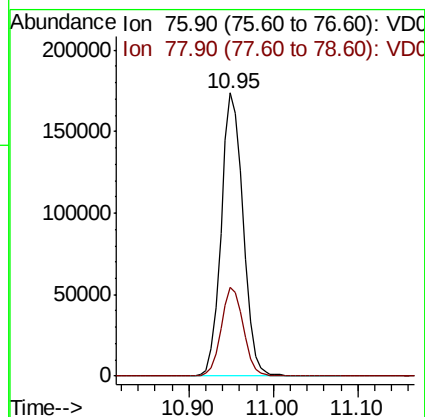
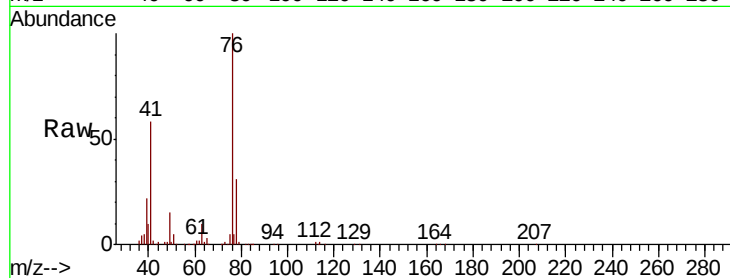
ClientSampleId :

Tot Ion: 76 Resp: 313414

Ion Ratio Lower Upper

76 100

78 31.7 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 240.605 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065302.D

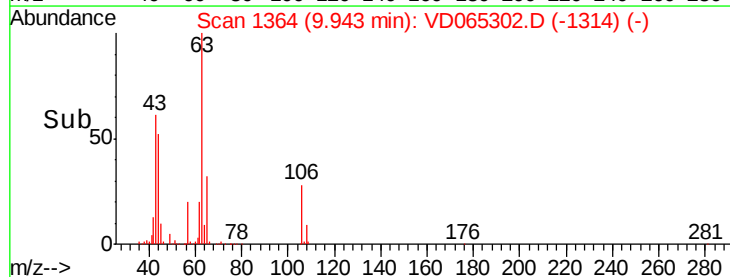
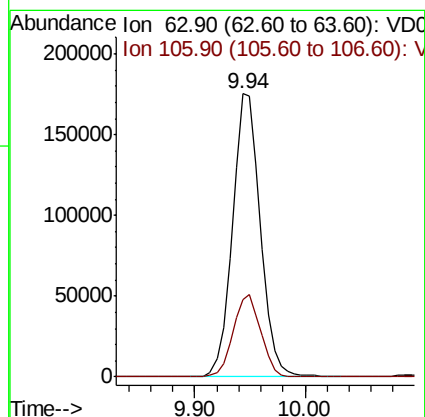
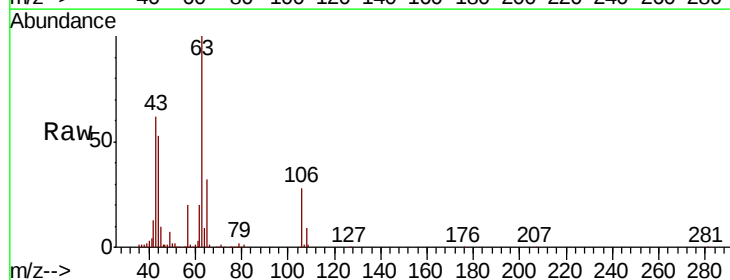
Acq: 24 Feb 2020 18:46

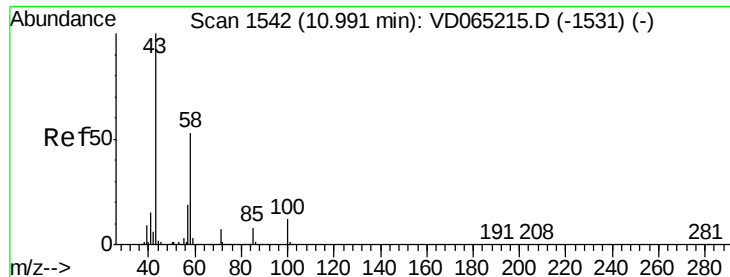
Tgt Ion: 63 Resp: 310445

Ion Ratio Lower Upper

63 100

106 29.0 22.8 34.2

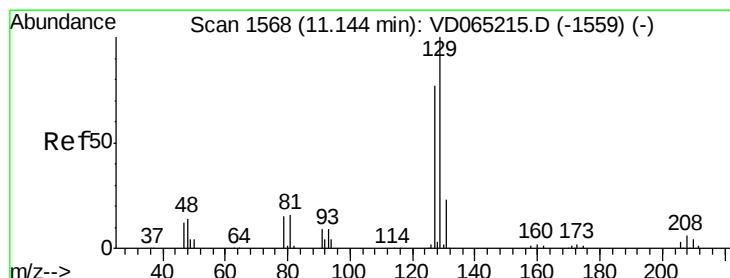
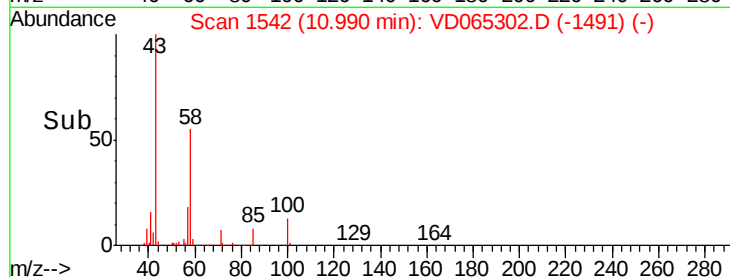
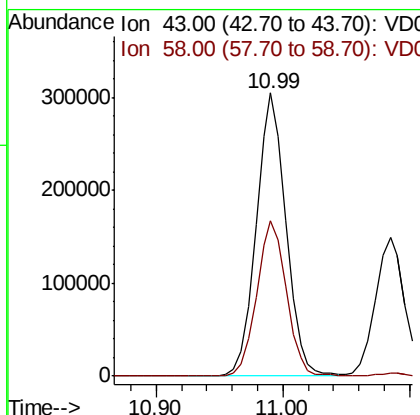
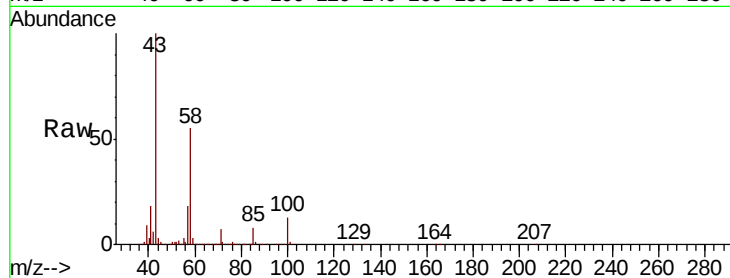




#59
2-Hexanone
Concen: 257.615 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

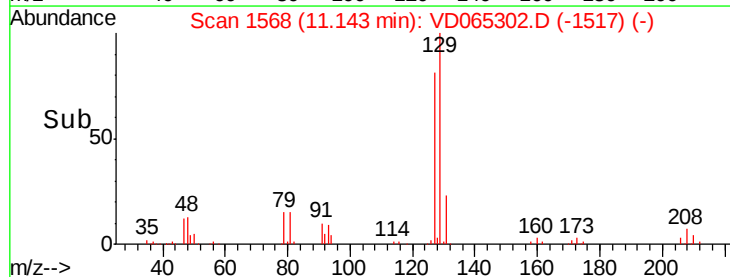
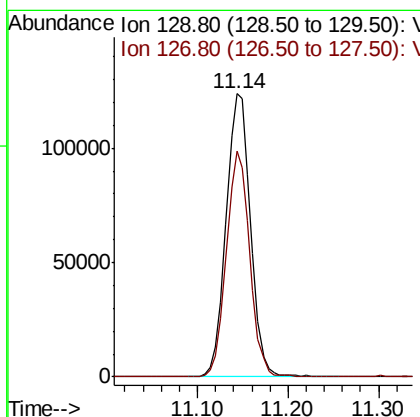
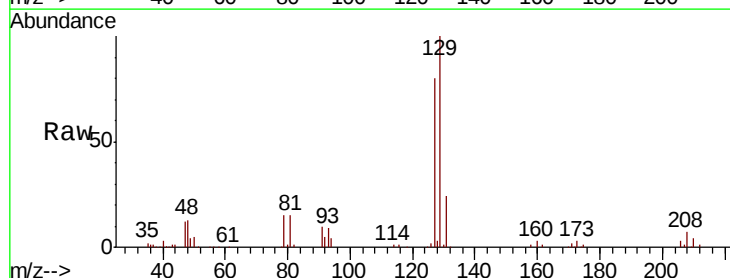
Instrument :
MSVOA_D
ClientSampled :

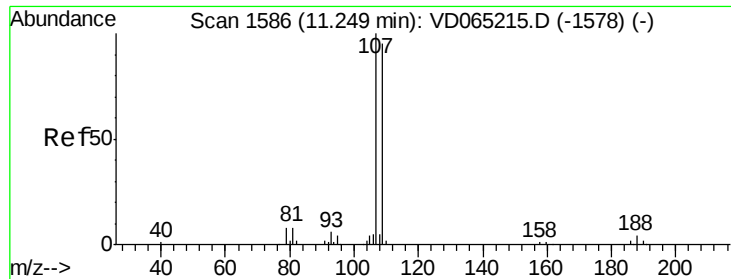
Tot Ion: 43 Resp: 496717
Ion Ratio Lower Upper
43 100
58 54.9 26.3 78.8



#60
Dibromochloromethane
Concen: 50.864 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion: 129 Resp: 230834
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1

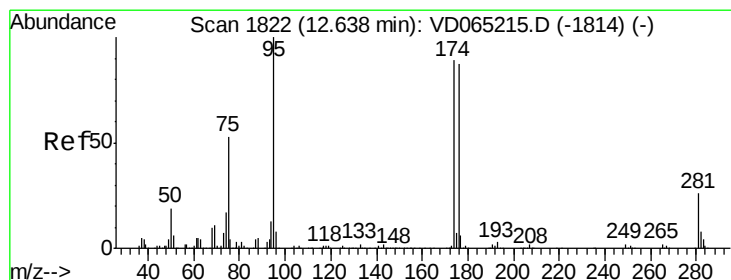
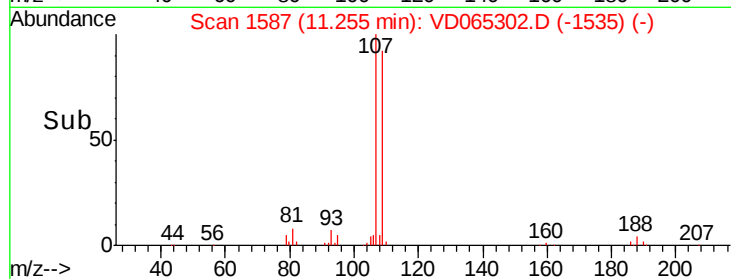
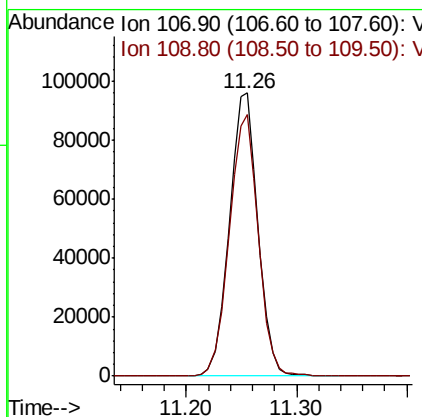
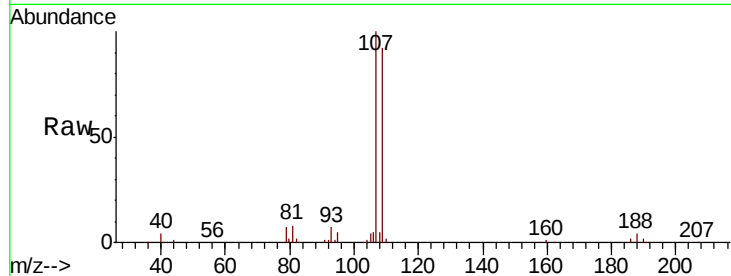




#61
 1,2-Dibromoethane
 Concen: 51.770 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

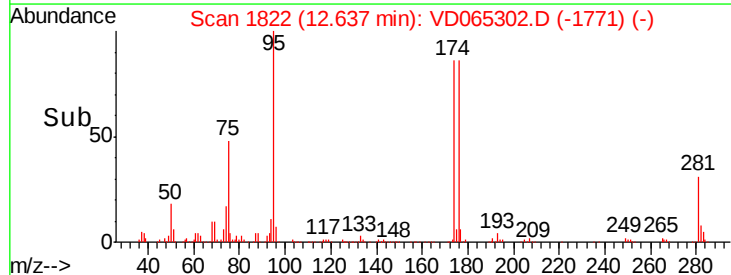
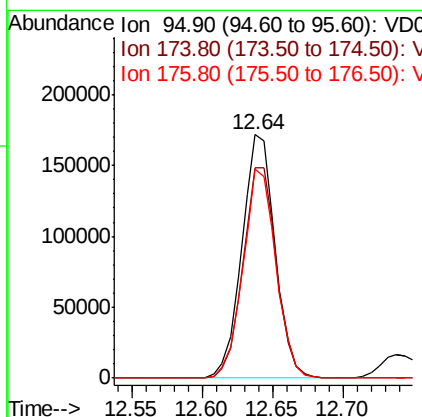
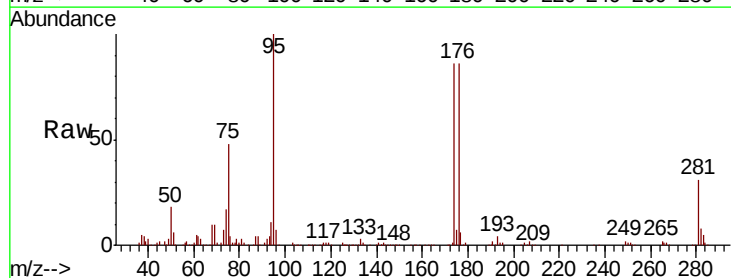
Instrument :
 MSVOA_D
 ClientSampleID :

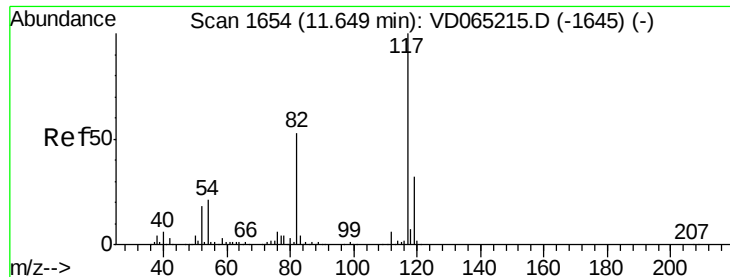
Tot Ion:107 Resp: 173799
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 53.214 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

Tgt Ion: 95 Resp: 281724
 Ion Ratio Lower Upper
 95 100
 174 87.4 0.0 178.0
 176 85.4 0.0 174.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

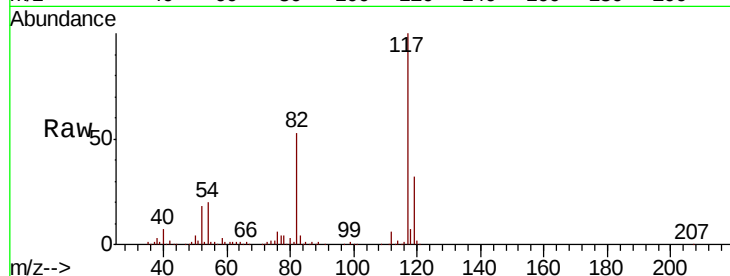
Tot Ion:117 Resp: 655102

Ion Ratio Lower Upper

117 100

82 53.2 42.7 64.1

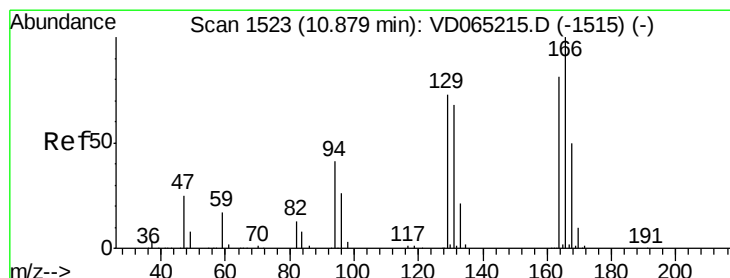
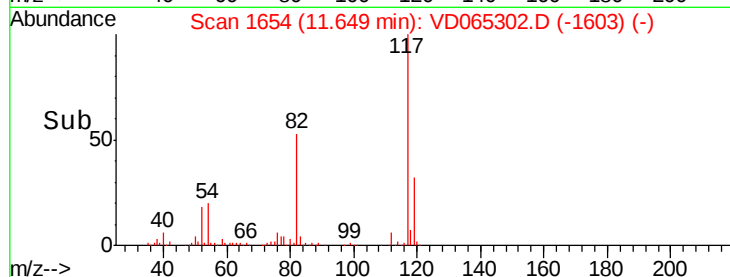
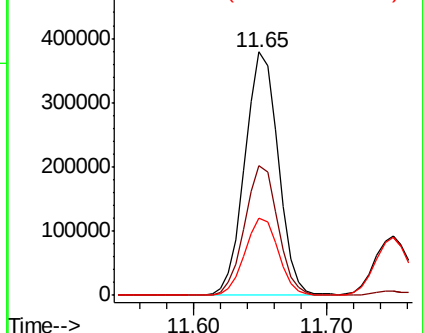
119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.450 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Tgt Ion:164 Resp: 225109

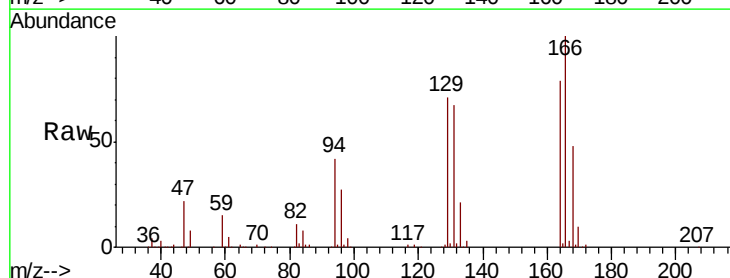
Ion Ratio Lower Upper

164 100

166 127.3 98.4 147.6

129 89.8 71.6 107.4

131 85.6 67.3 100.9

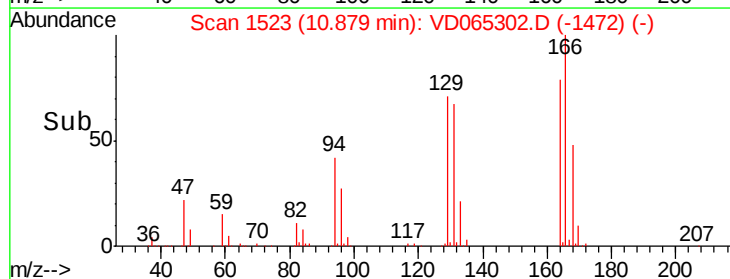
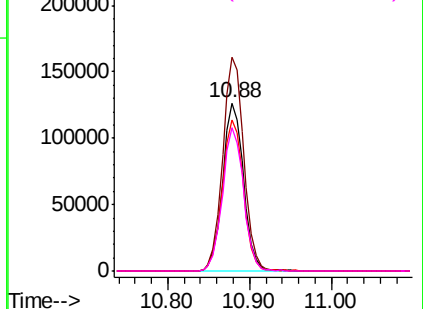


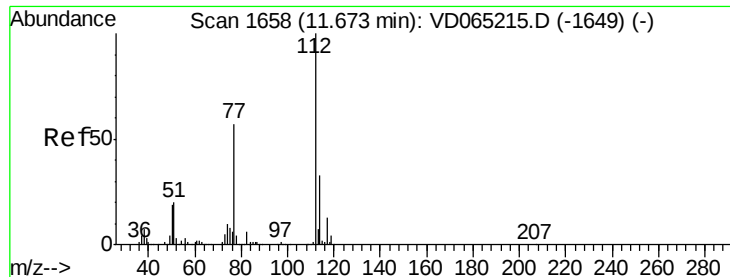
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.570 ug/l

RT: 11.68 min Scan# 1659

Delta R.T. 0.01 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

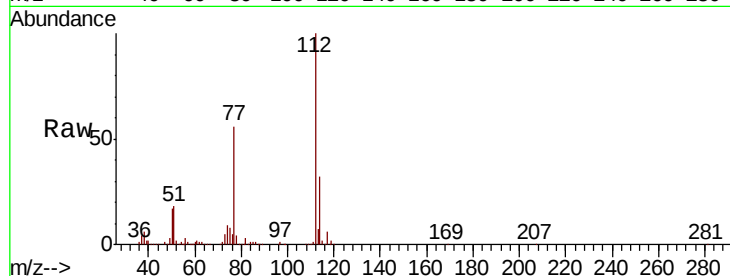
ClientSampleId :

Tot Ion:112 Resp: 651658

Ion Ratio Lower Upper

112 100

114 32.4 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.68

400000

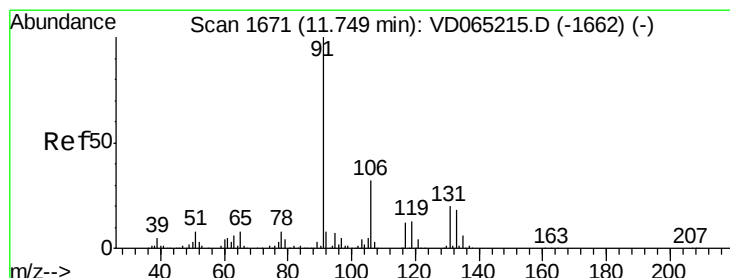
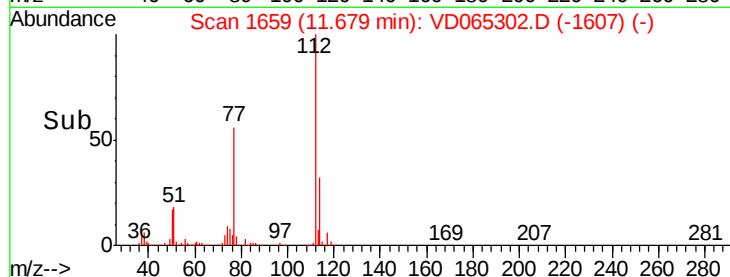
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.548 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

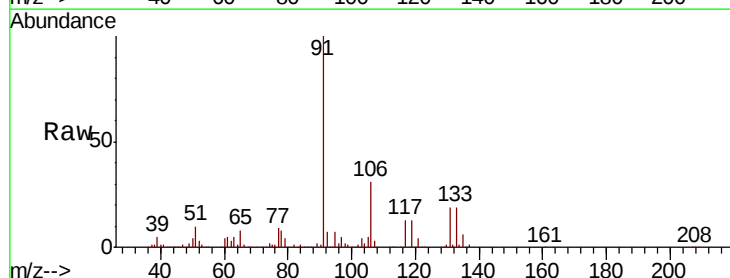
Tgt Ion:131 Resp: 243072

Ion Ratio Lower Upper

131 100

133 96.2 47.7 143.1

119 65.9 32.7 98.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.75

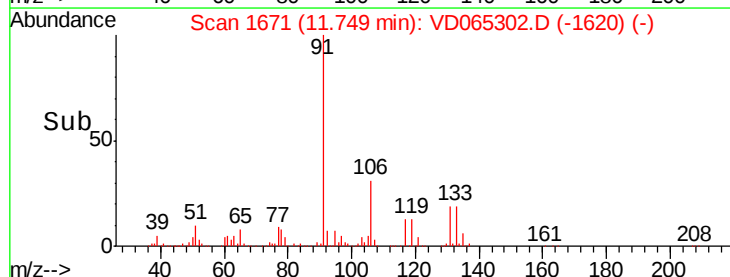
150000

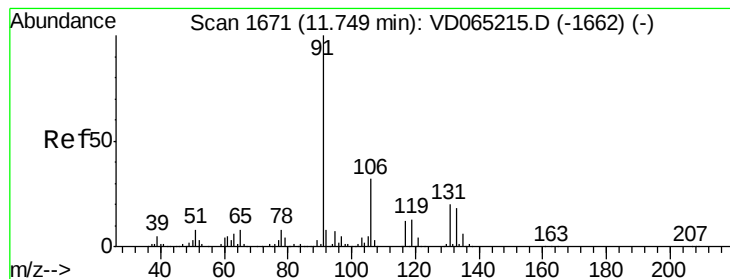
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 50.830 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

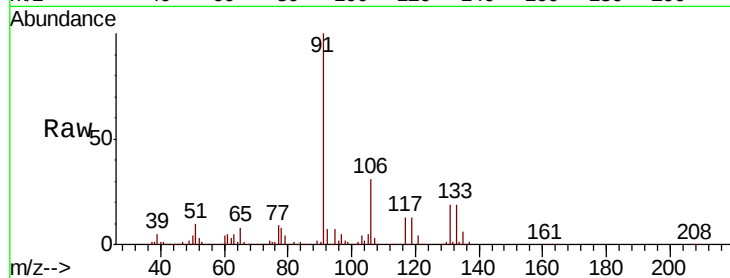
ClientSampleId :

Tot Ion: 91 Resp: 1170328

Ion Ratio Lower Upper

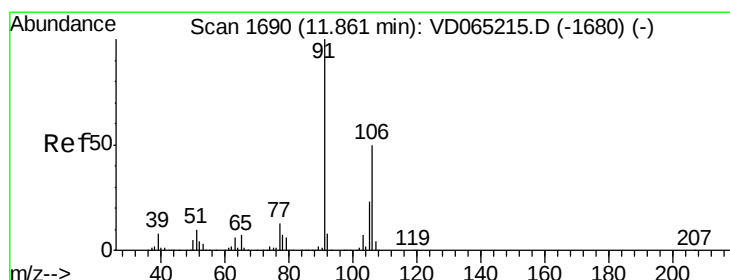
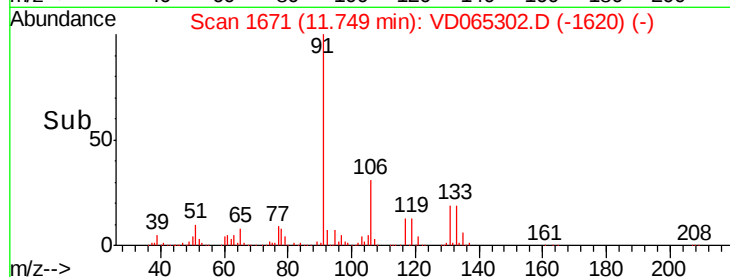
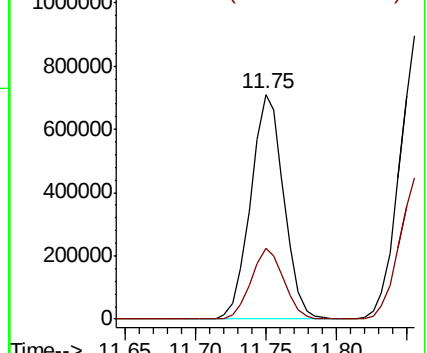
91 100

106 31.5 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.204 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD065302.D

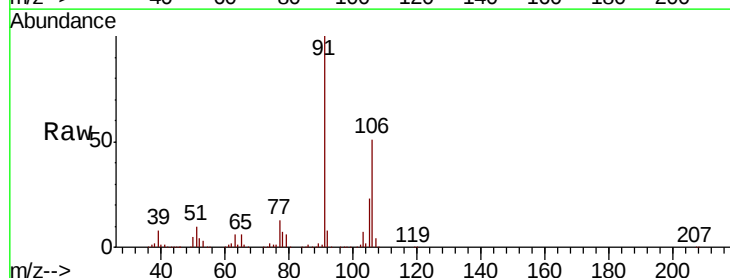
Acq: 24 Feb 2020 18:46

Tgt Ion:106 Resp: 891494

Ion Ratio Lower Upper

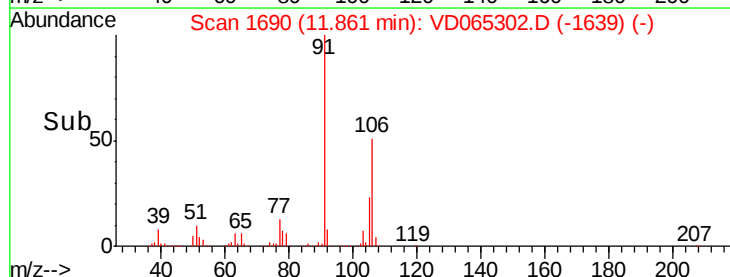
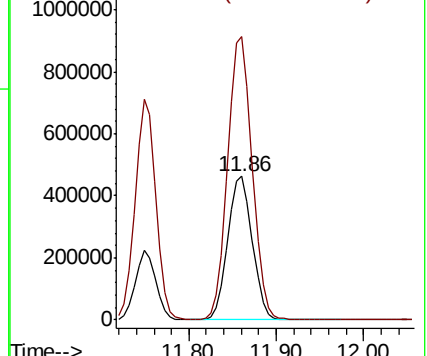
106 100

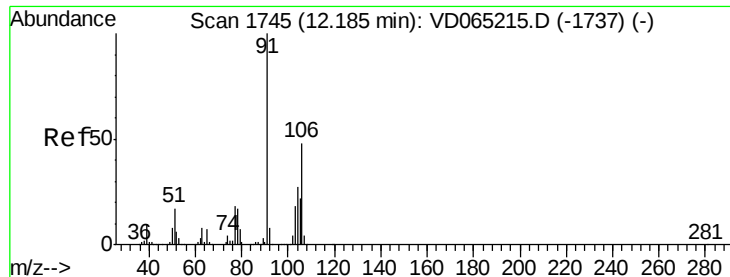
91 196.9 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

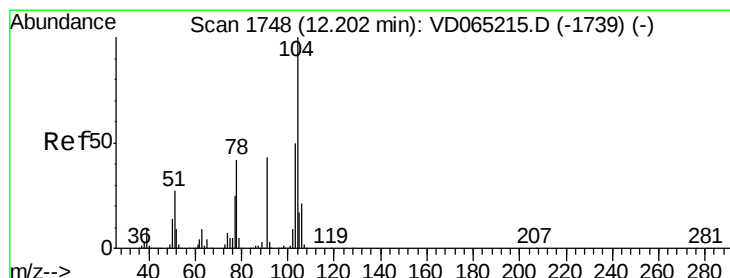
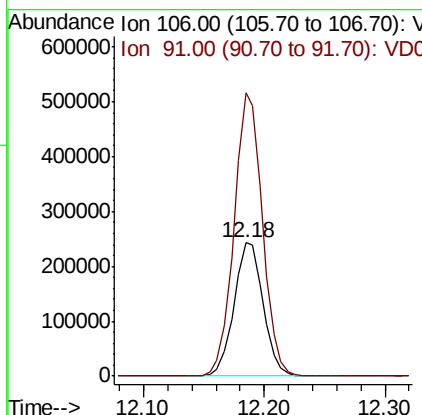
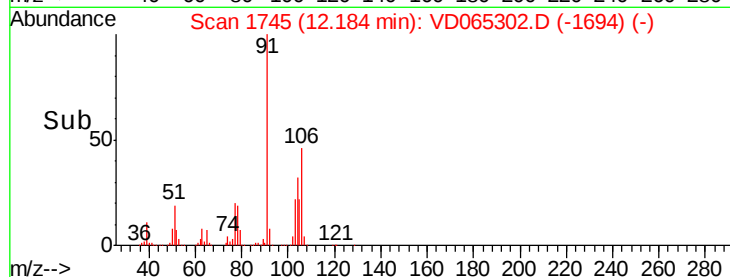
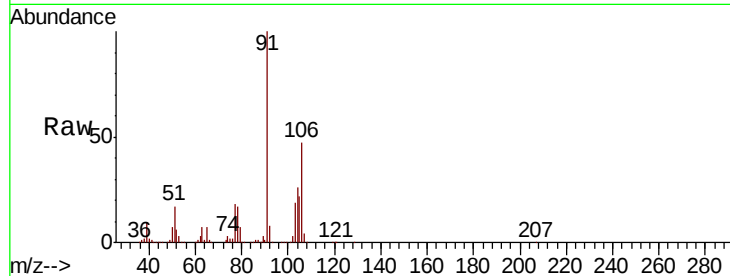




#69
o-Xylene
Concen: 52.432 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

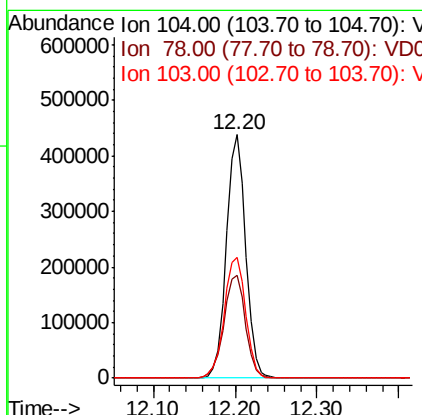
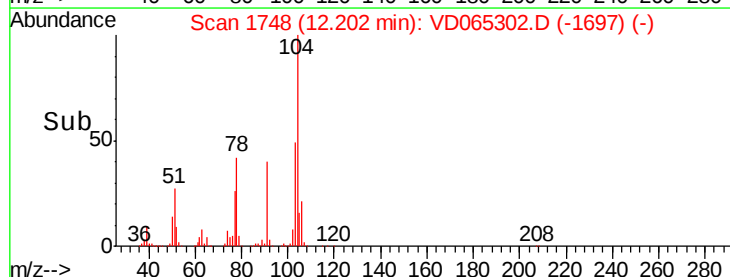
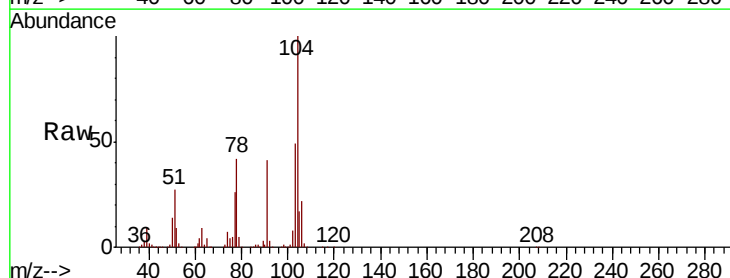
Instrument :
MSVOA_D
ClientSampled :

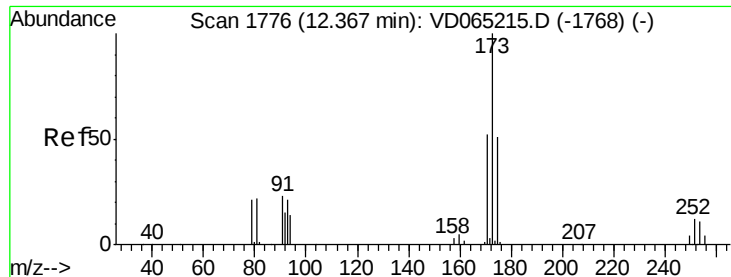
Tot Ion:106 Resp: 409188
Ion Ratio Lower Upper
106 100
91 206.8 104.7 313.9



#70
Styrene
Concen: 51.824 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion:104 Resp: 718073
Ion Ratio Lower Upper
104 100
78 47.2 37.8 56.6
103 55.1 43.4 65.2





#71

Bromoform

Concen: 49.865 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

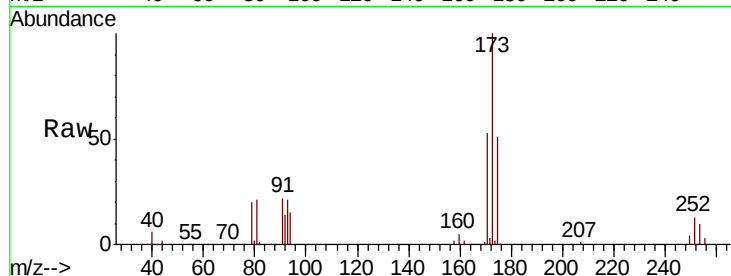
Tot Ion:173 Resp: 135746

Ion Ratio Lower Upper

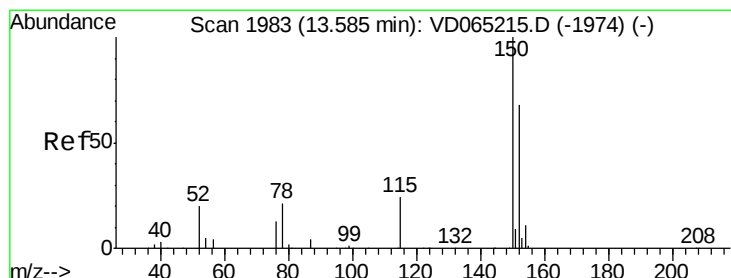
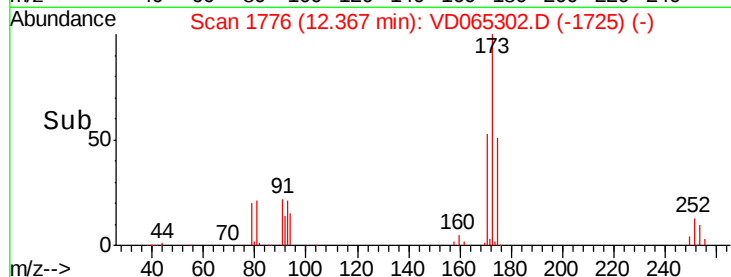
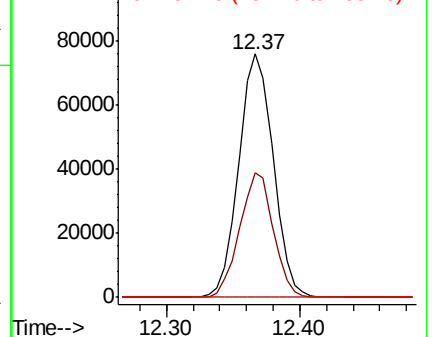
173 100

175 49.8 24.4 73.4

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. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

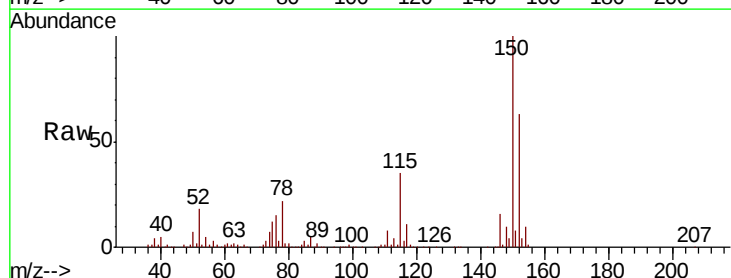
Tgt Ion:152 Resp: 317344

Ion Ratio Lower Upper

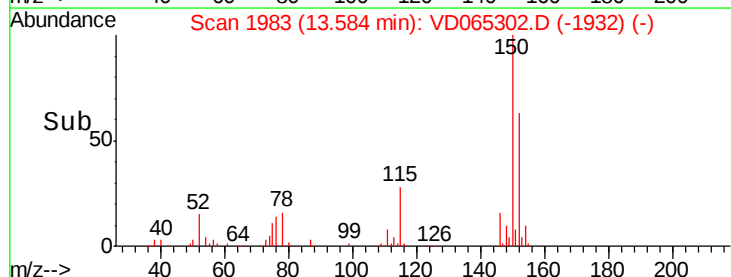
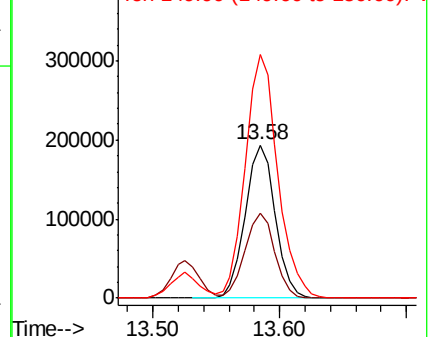
152 100

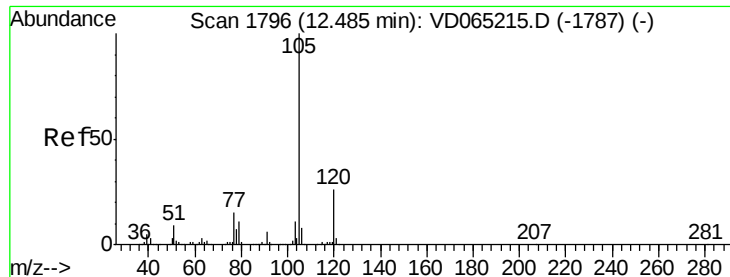
115 54.9 27.6 82.8

150 172.5 0.0 347.4



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: 51.768 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

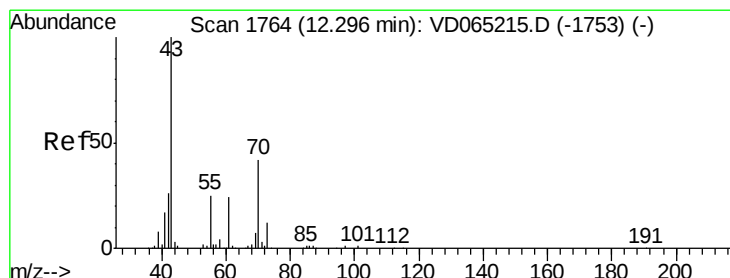
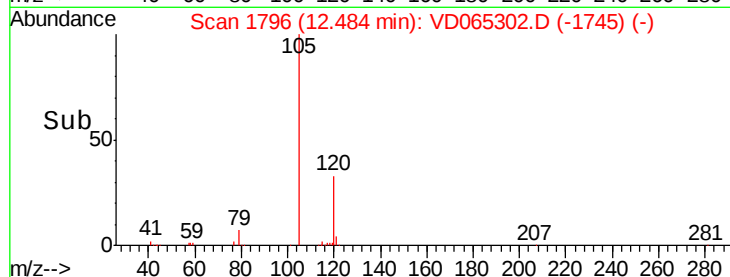
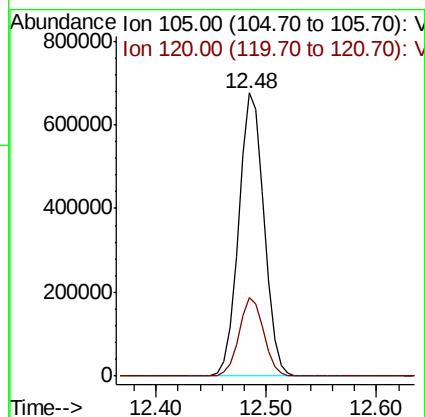
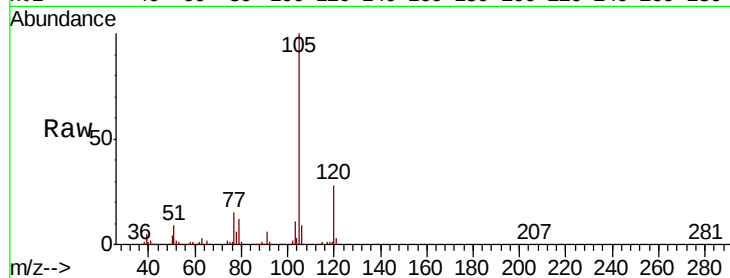
ClientSampleId :

Tot Ion:105 Resp: 1087628

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 52.971 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Tgt Ion: 43 Resp: 247294

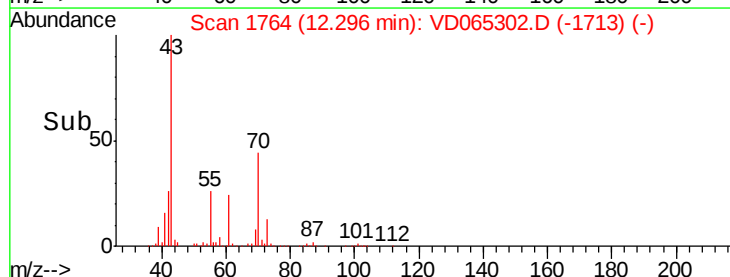
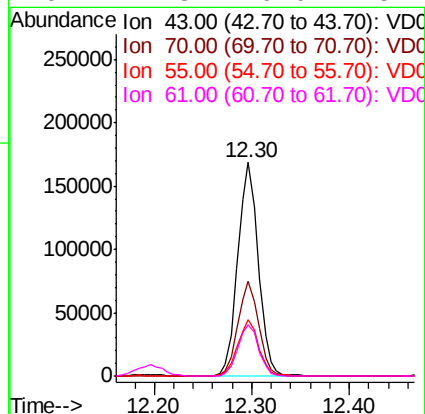
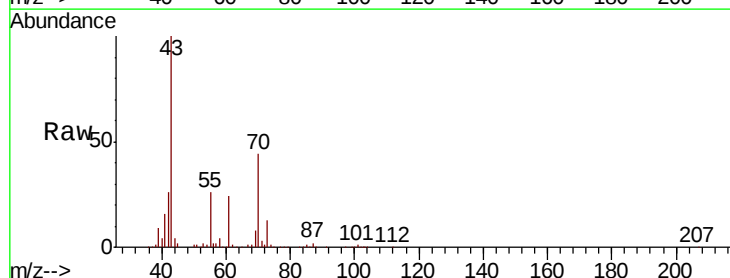
Ion Ratio Lower Upper

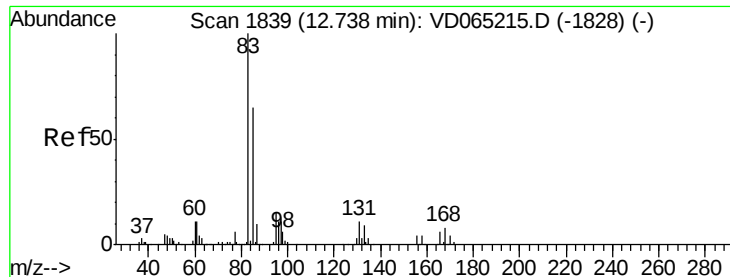
43 100

70 44.6 33.7 50.5

55 27.0 20.7 31.1

61 24.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.918 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

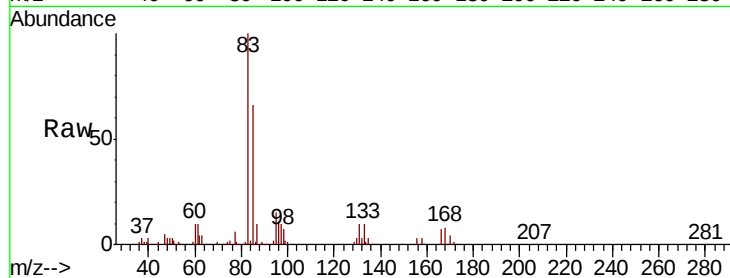
Tot Ion: 83 Resp: 193070

Ion Ratio Lower Upper

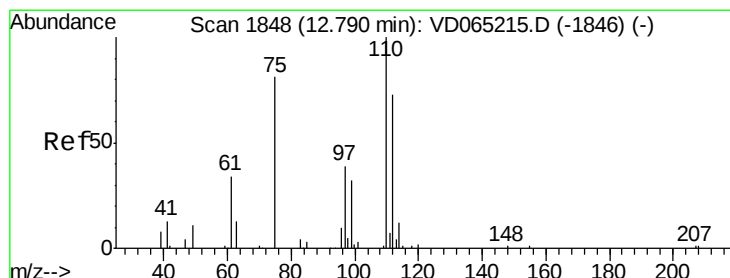
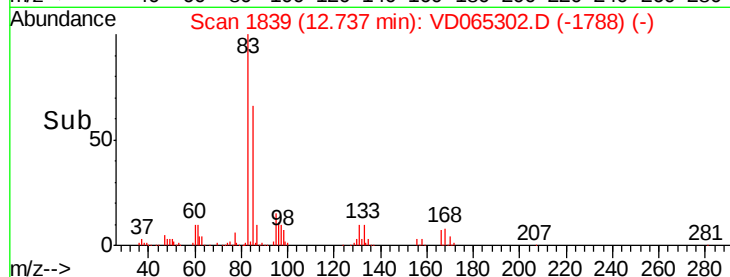
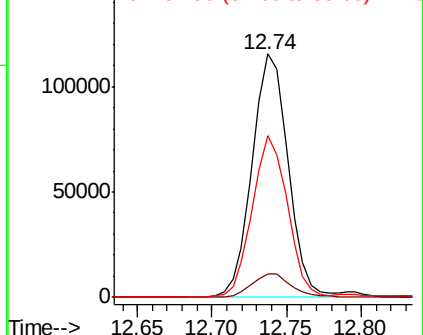
83 100

131 10.7 5.4 16.2

85 65.1 31.6 94.8



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: 92.293 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065302.D

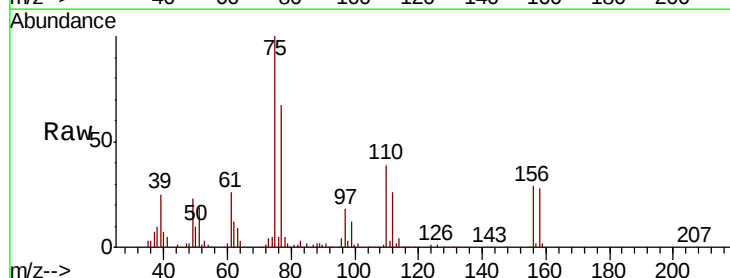
Acq: 24 Feb 2020 18:46

Tgt Ion: 75 Resp: 249196

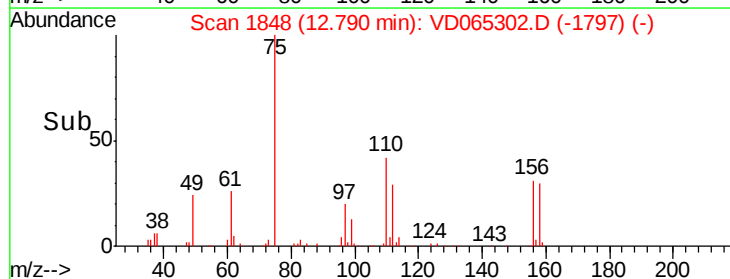
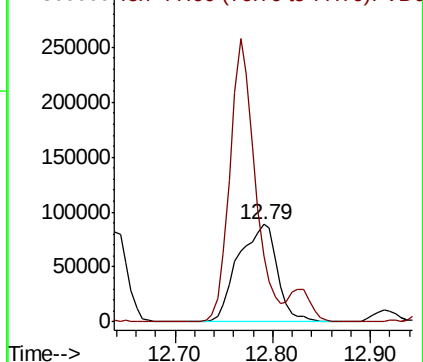
Ion Ratio Lower Upper

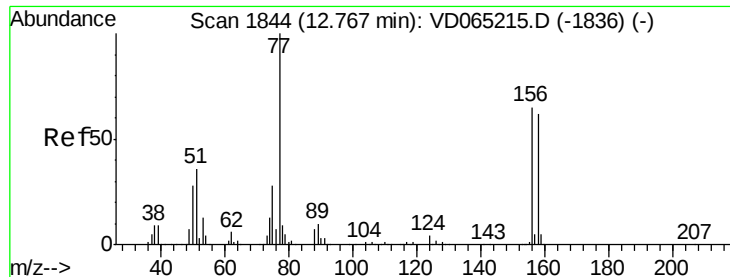
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.361 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

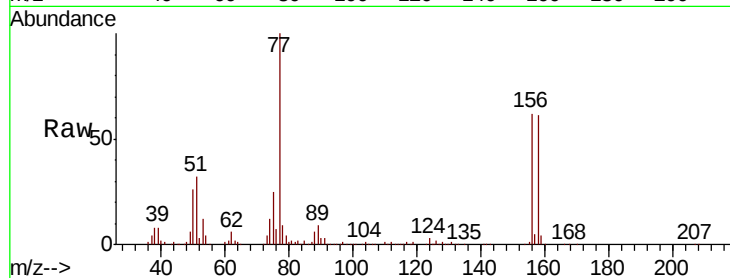
Tot Ion:156 Resp: 267956

Ion Ratio Lower Upper

156 100

77 172.9 86.6 259.7

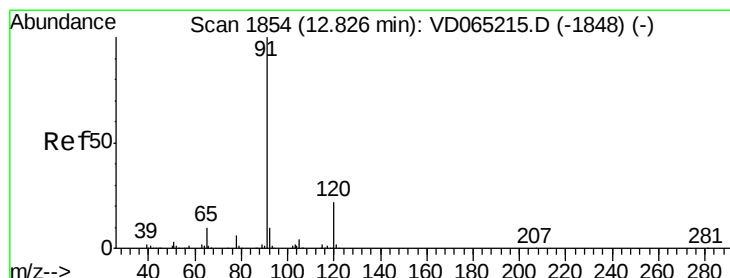
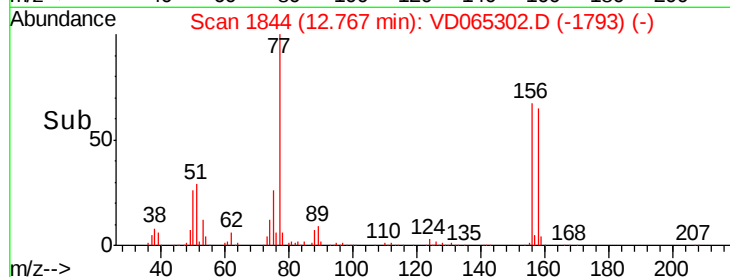
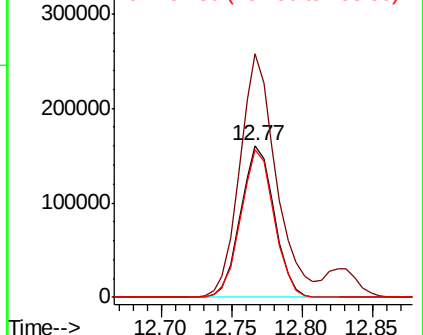
158 96.6 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.977 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065302.D

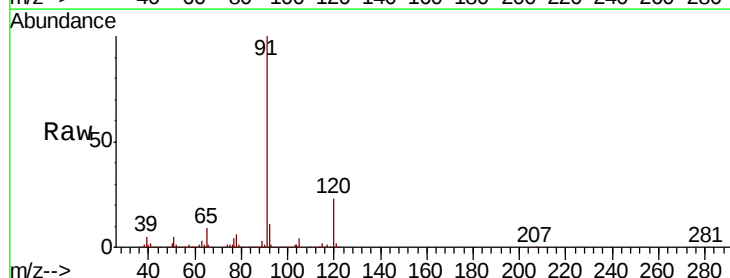
Acq: 24 Feb 2020 18:46

Tgt Ion: 91 Resp: 1287049

Ion Ratio Lower Upper

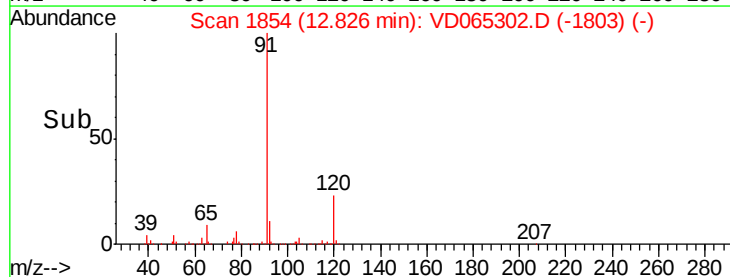
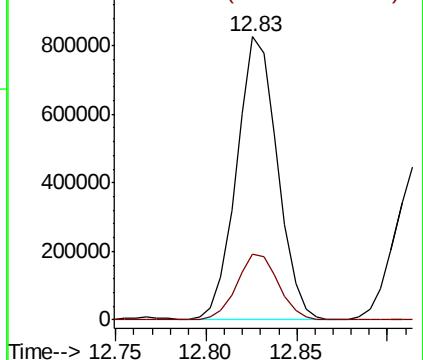
91 100

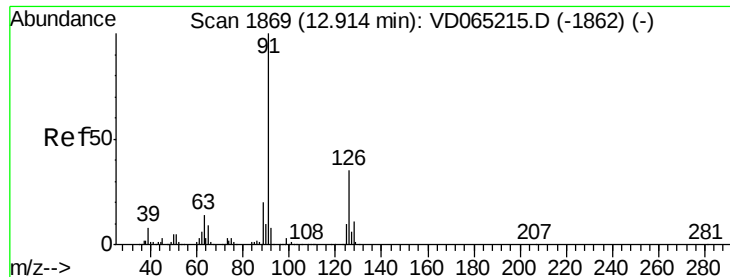
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

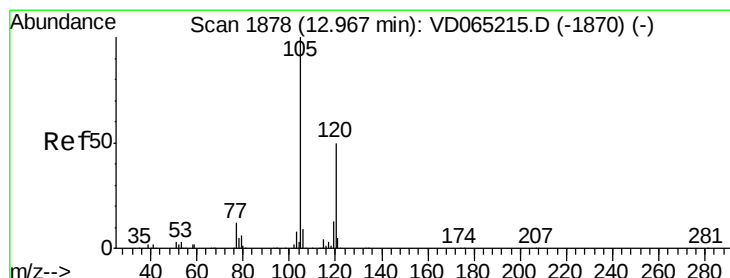
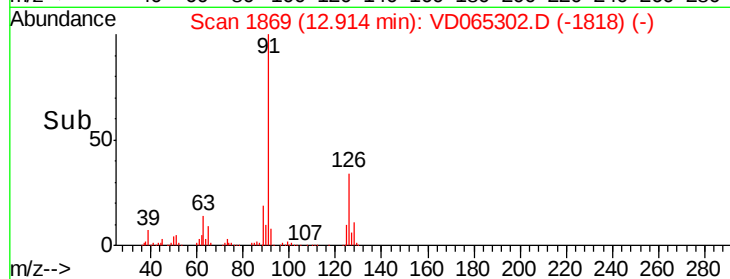
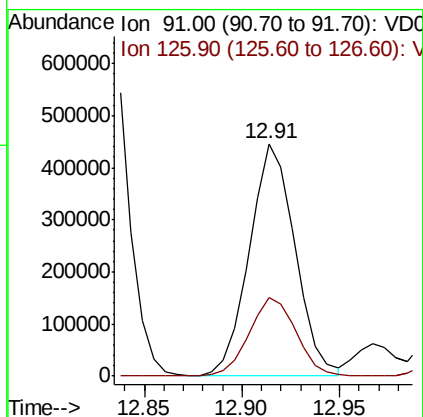
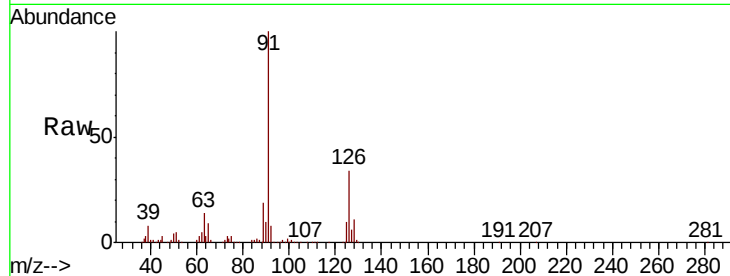




#79
 2-Chlorotoluene
 Concen: 50.971 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

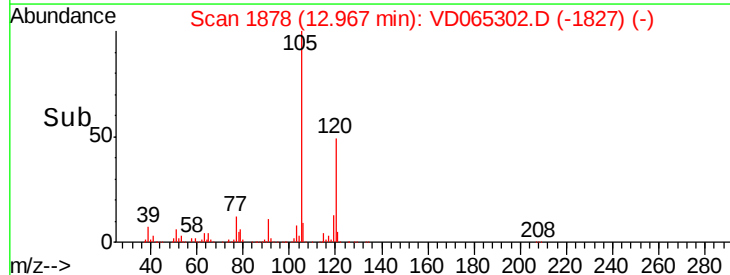
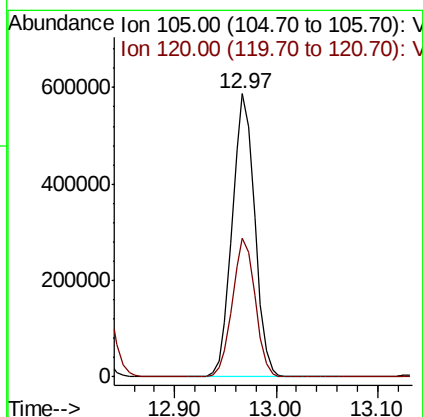
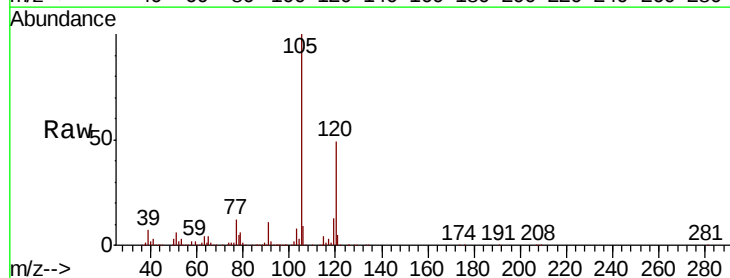
Instrument :
 MSVOA_D
 ClientSampleId :

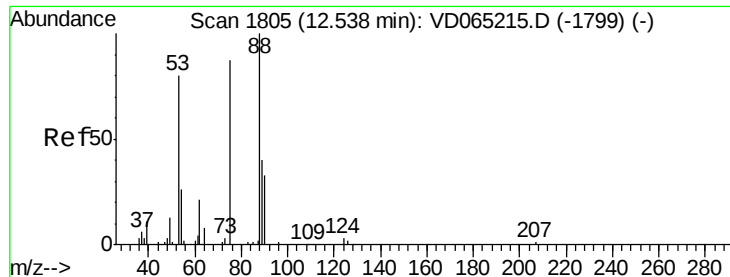
Tot Ion: 91 Resp: 720937
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 52.361 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

Tgt Ion: 105 Resp: 906061
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.4 76.4

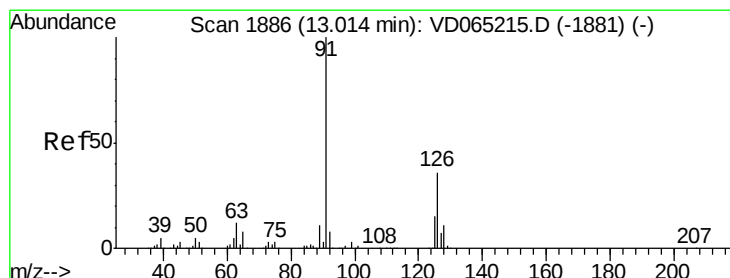
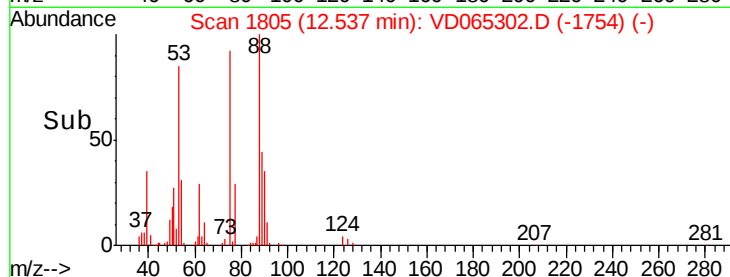
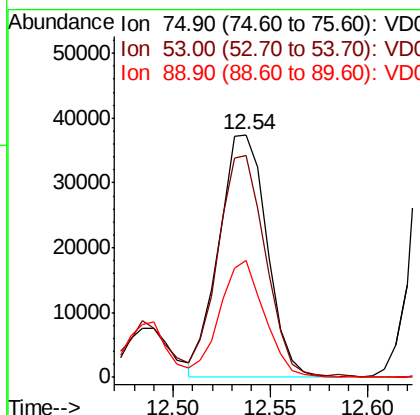
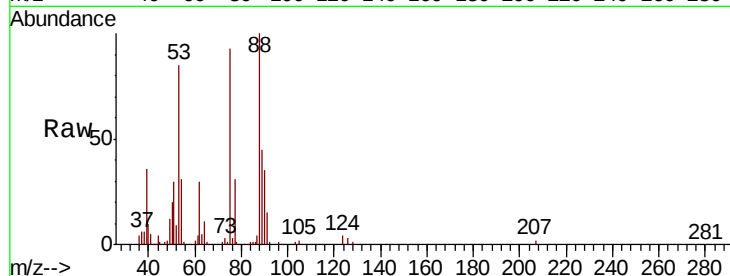




#81
trans-1,4-Dichloro-2-butene
Concen: 50.540 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

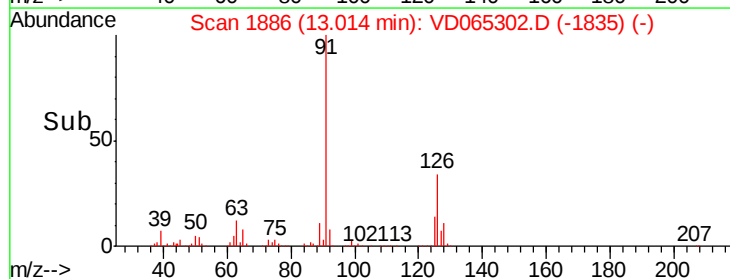
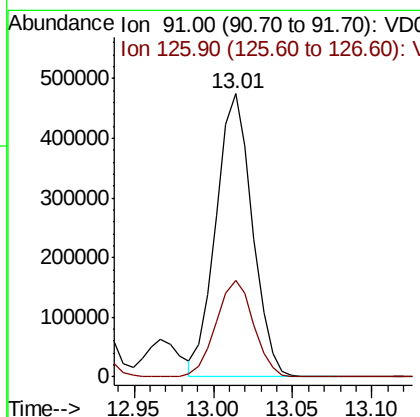
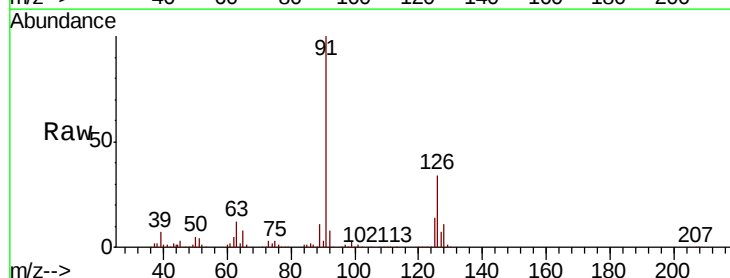
Instrument :
MSVOA_D
ClientSampleId :

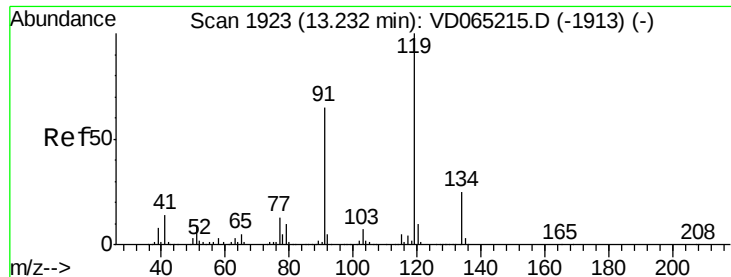
Tot Ion: 75 Resp: 63201
Ion Ratio Lower Upper
75 100
53 92.0 77.6 116.4
89 45.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 50.363 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion: 91 Resp: 756247
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.3

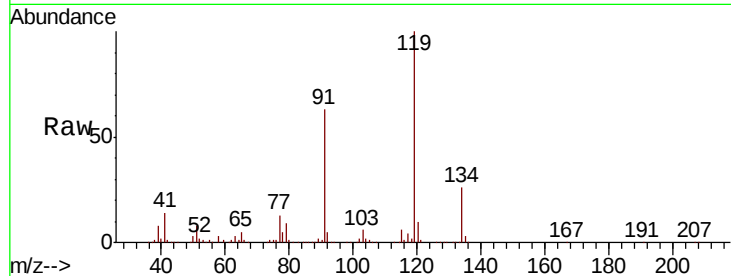




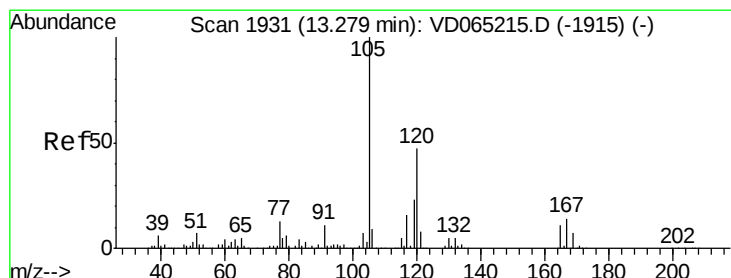
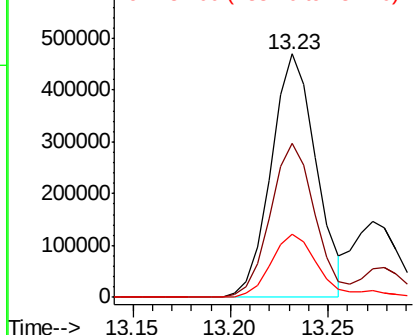
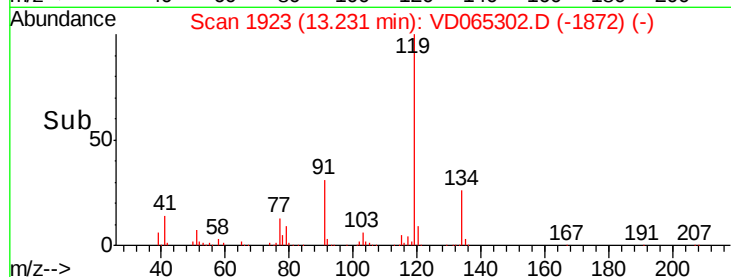
#83
tert-Butylbenzene
Concen: 51.673 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 749416
Ion Ratio Lower Upper
119 100
91 63.2 31.9 95.5
134 27.9 13.8 41.3

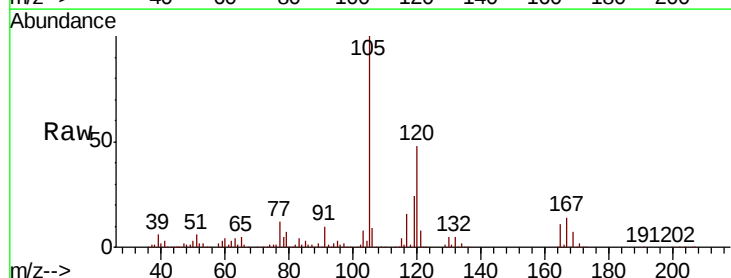


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

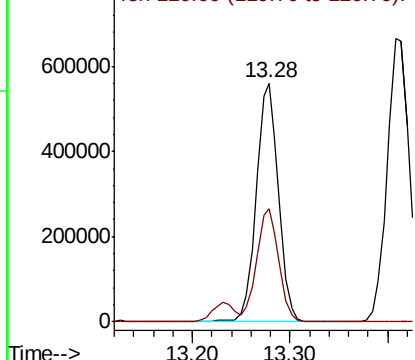
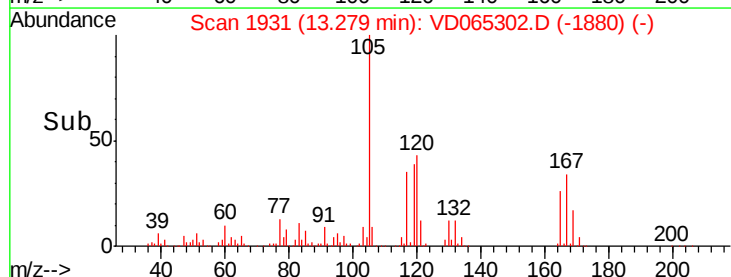


#84
1,2,4-Trimethylbenzene
Concen: 51.579 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion:105 Resp: 893356
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.9



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





#85

sec-Butylbenzene

Concen: 50.405 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

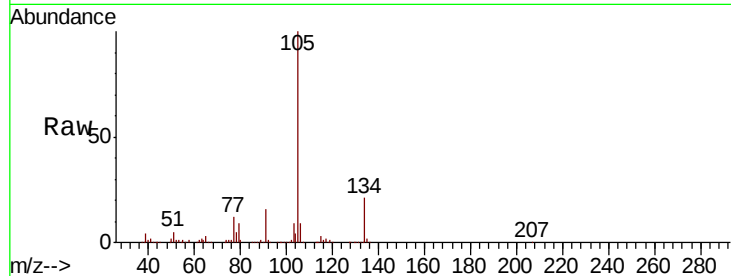
ClientSampleId :

Tot Ion:105 Resp: 1053376

Ion Ratio Lower Upper

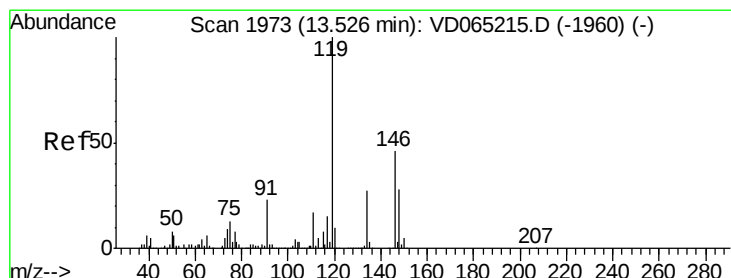
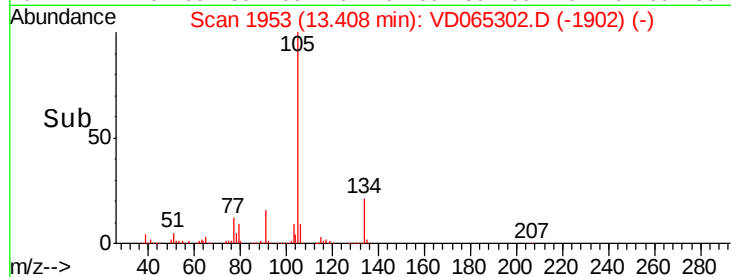
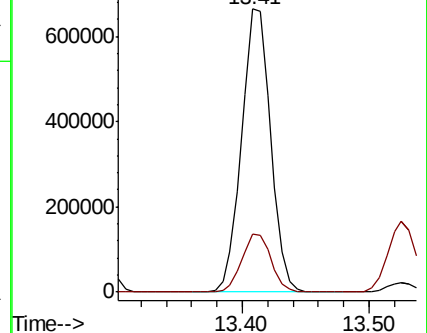
105 100

134 20.6 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.995 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

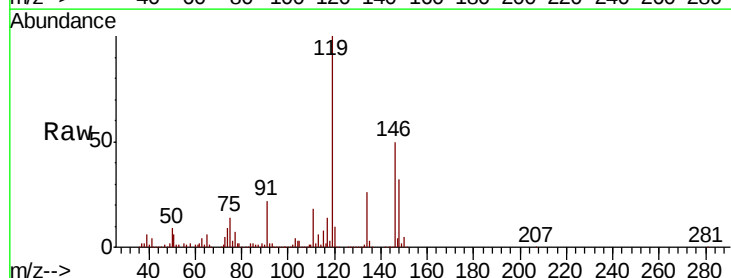
Tgt Ion:119 Resp: 974571

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

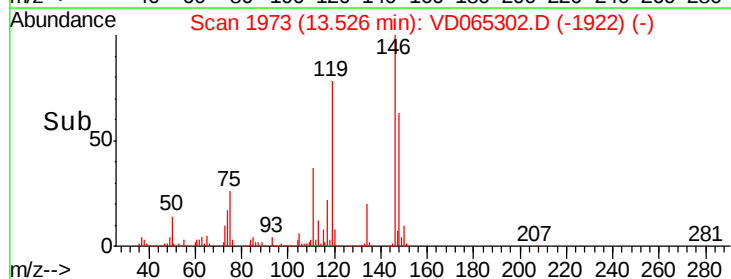
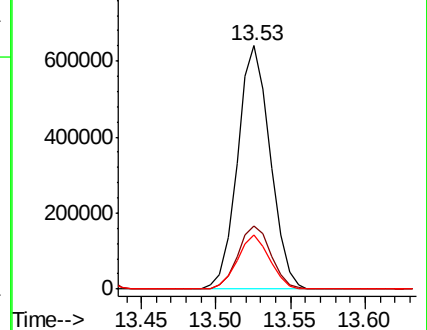
91 21.9 11.1 33.1

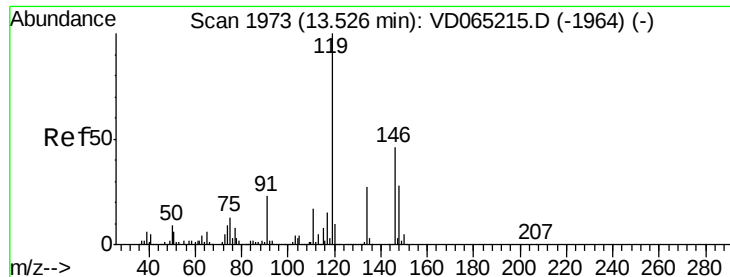


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.319 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

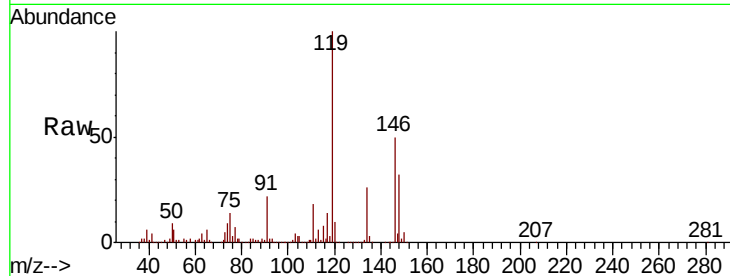
Tot Ion:146 Resp: 507502

Ion Ratio Lower Upper

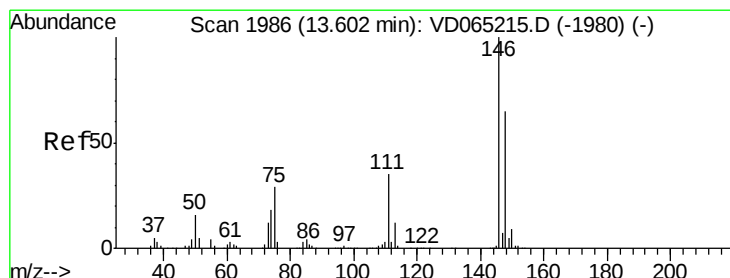
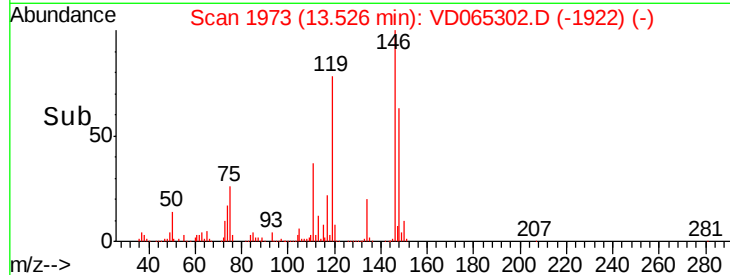
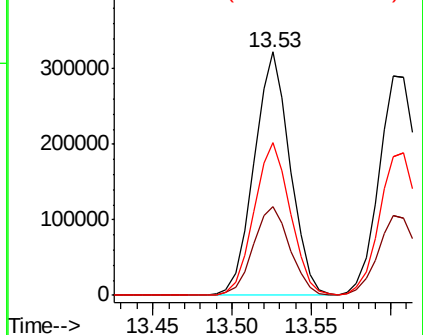
146 100

111 37.5 18.6 55.8

148 63.6 31.4 94.3



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: 49.524 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

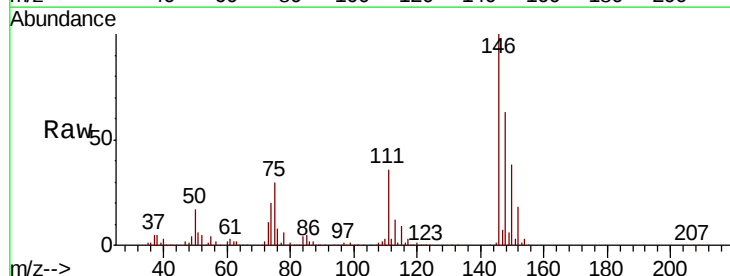
Tgt Ion:146 Resp: 492967

Ion Ratio Lower Upper

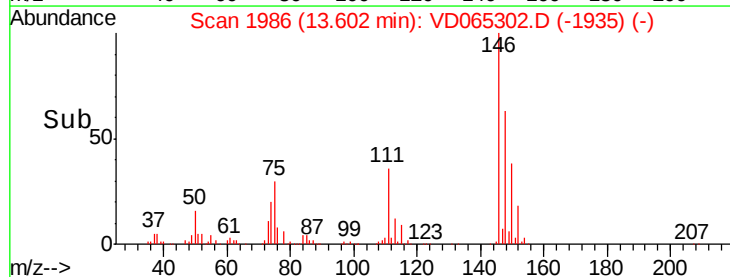
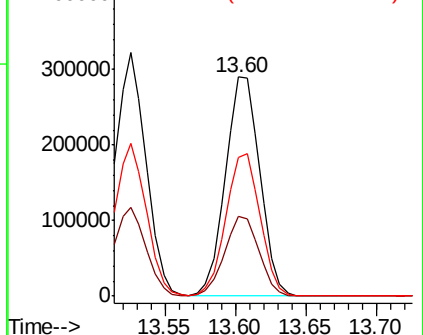
146 100

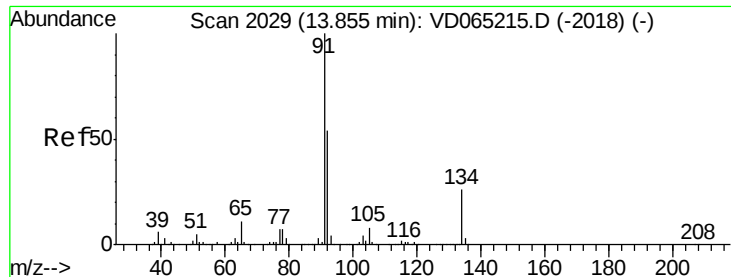
111 36.8 18.4 55.2

148 64.7 32.1 96.5



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

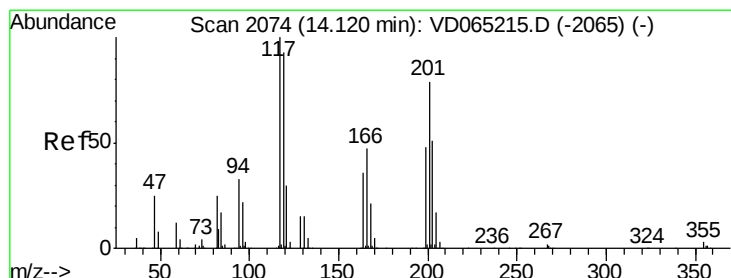
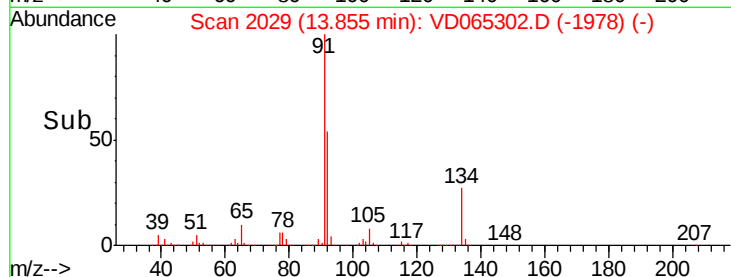
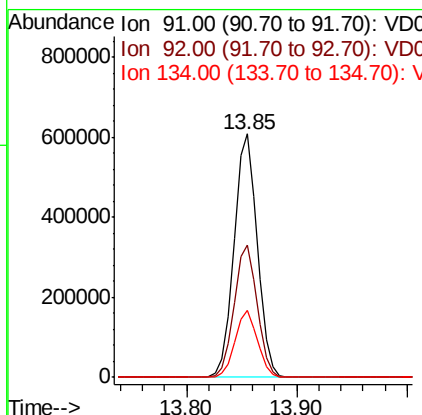
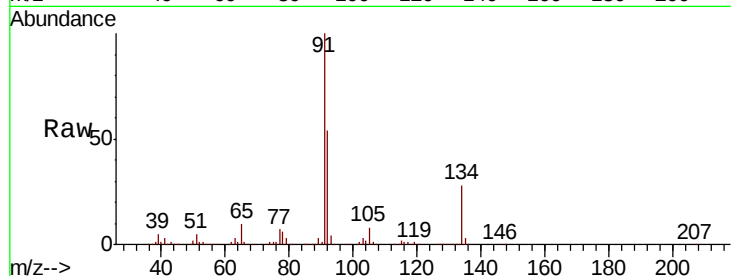




#89
n-Butylbenzene
Concen: 51.088 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

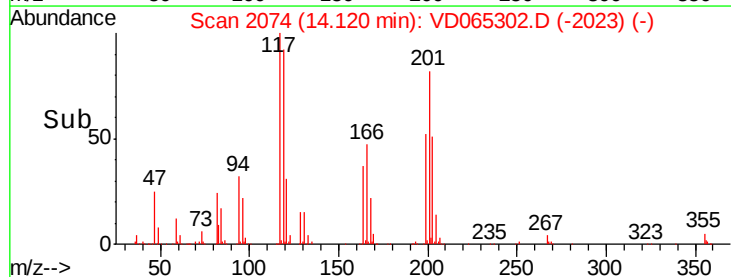
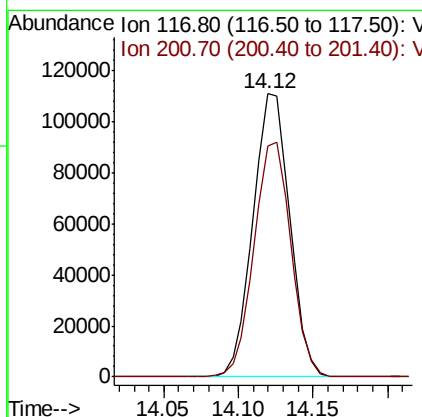
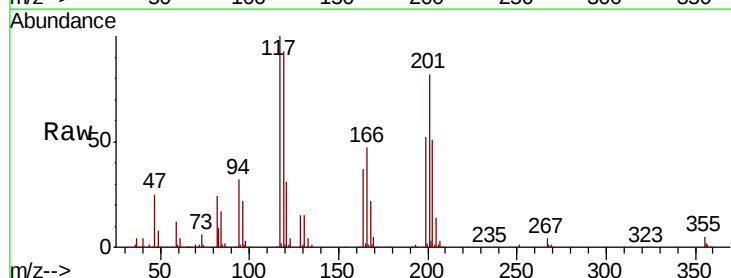
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 91 Resp: 899693
Ion Ratio Lower Upper
91 100
92 53.9 27.0 80.8
134 26.7 13.5 40.4



#90
Hexachloroethane
Concen: 48.991 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065302.D
Acq: 24 Feb 2020 18:46

Tgt Ion: 117 Resp: 190109
Ion Ratio Lower Upper
117 100
201 83.0 41.3 124.1





#91

1,2-Dichlorobenzene

Concen: 49.842 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

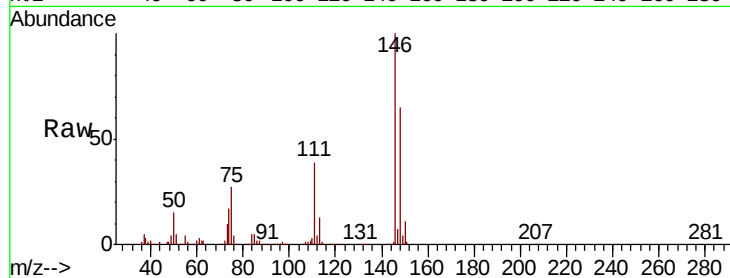
Tot Ion:146 Resp: 431632

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

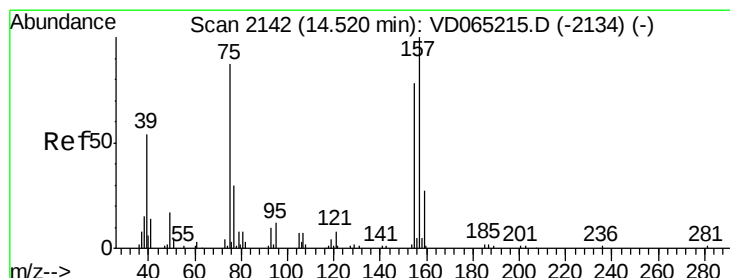
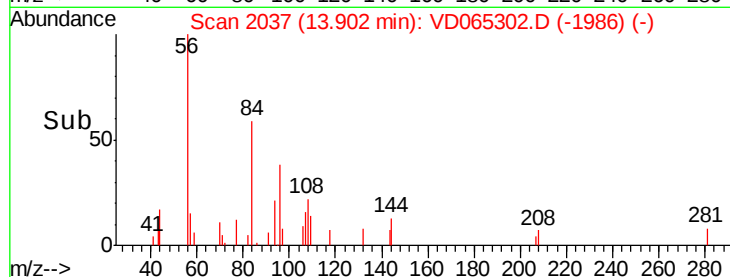
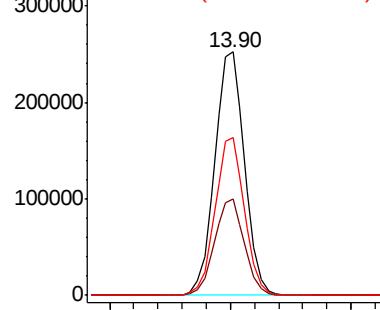
148 64.1 32.0 96.2



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: 47.846 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

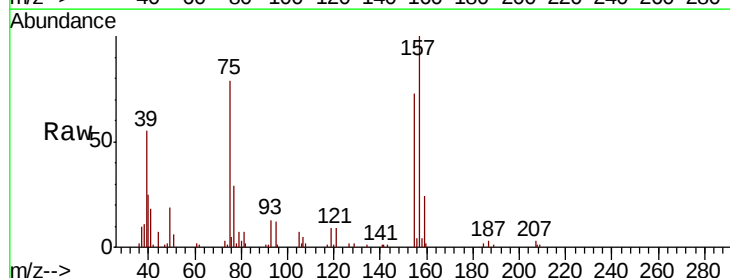
Tgt Ion: 75 Resp: 27958

Ion Ratio Lower Upper

75 100

155 94.8 42.3 126.9

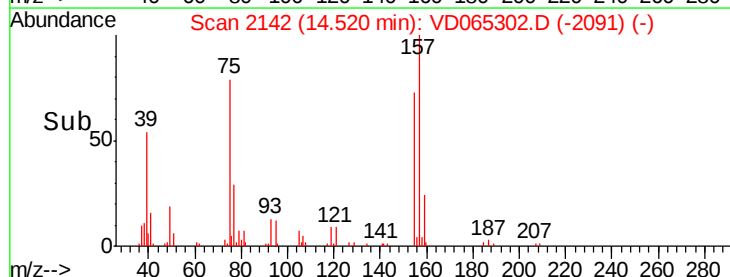
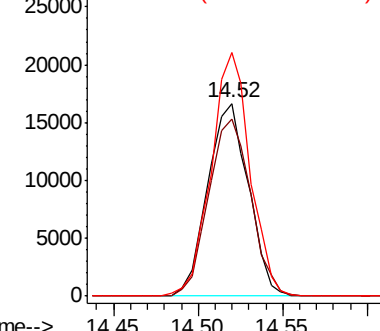
157 121.2 56.7 170.1

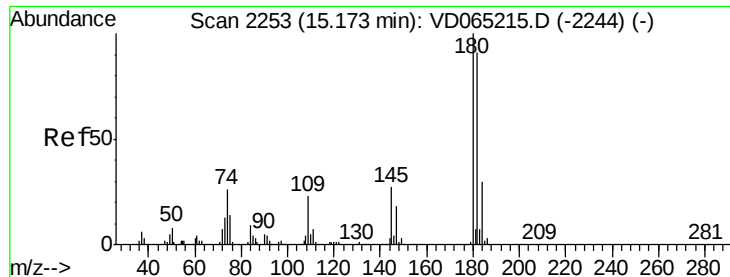


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

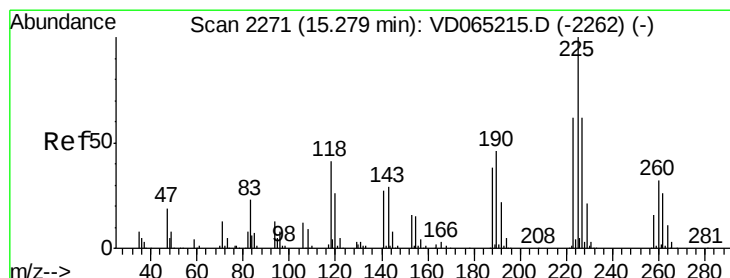
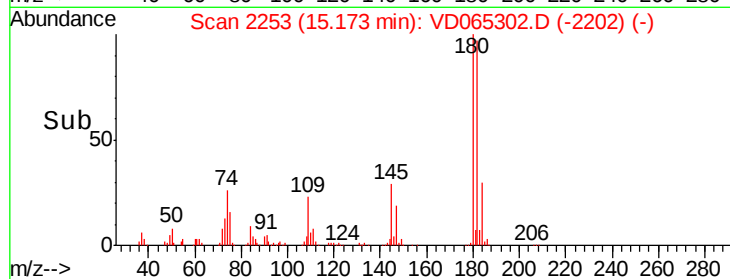
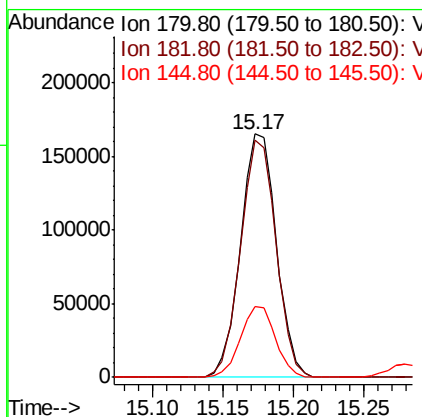
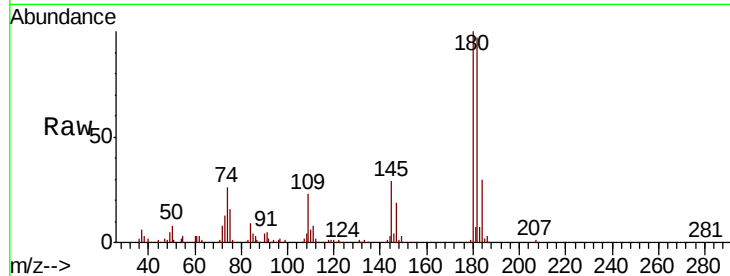




#93
 1,2,4-Trichlorobenzene
 Concen: 51.863 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

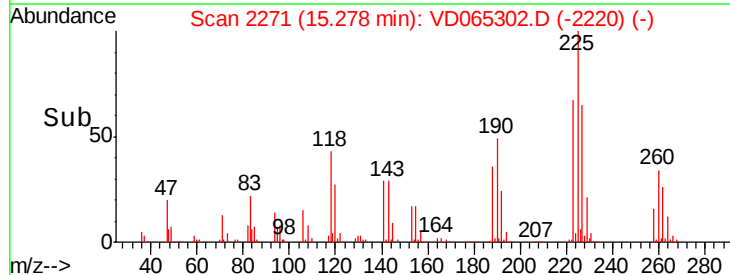
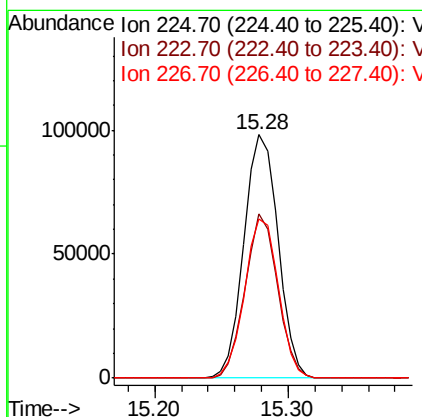
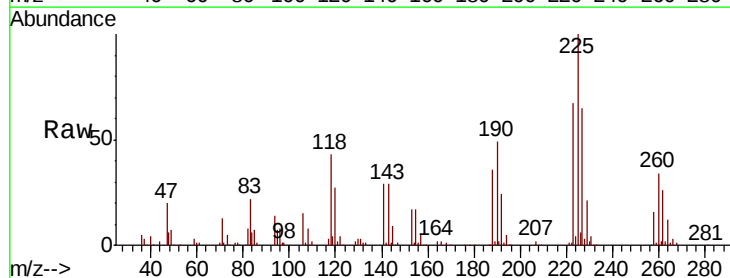
Instrument :
 MSVOA_D
 ClientSampleId :

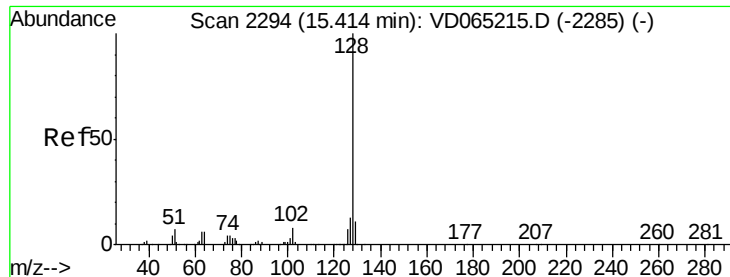
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.9	140.6
145	28.5	13.9	41.7



#94
 Hexachlorobutadiene
 Concen: 47.836 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065302.D
 Acq: 24 Feb 2020 18:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.4	94.2
227	64.4	31.7	95.1





#95

Naphthalene

Concen: 56.124 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

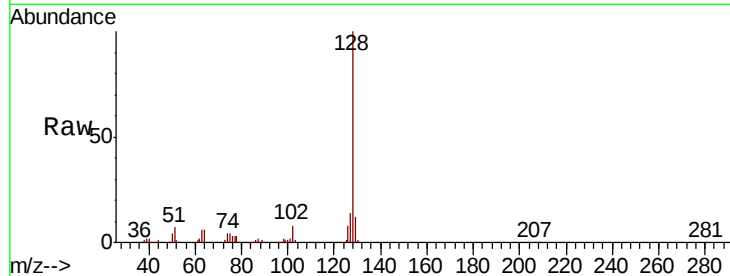
Tot Ion:128 Resp: 516836

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.0 8.8 13.2



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

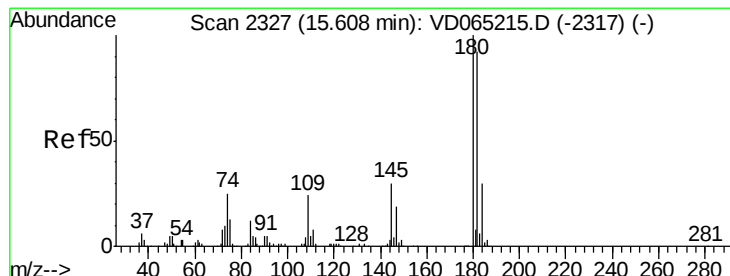
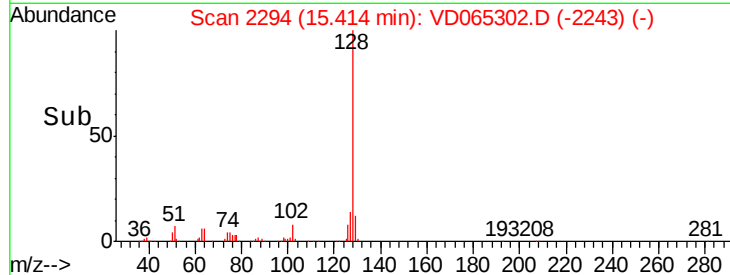
300000 15.41

200000

100000

0

Time--> 15.30 15.40 15.50



#96

1,2,3-Trichlorobenzene

Concen: 53.099 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VD065302.D

Acq: 24 Feb 2020 18:46

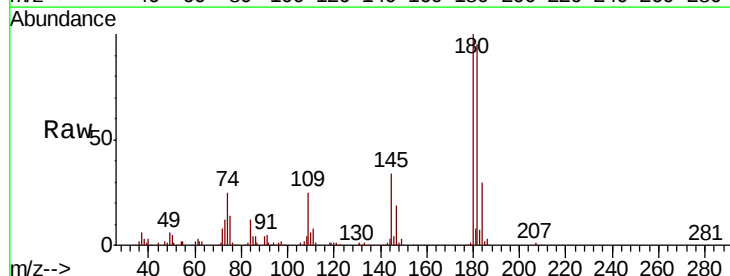
Tgt Ion:180 Resp: 262694

Ion Ratio Lower Upper

180 100

182 95.0 46.9 140.6

145 30.8 15.4 46.1



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

150000 15.61

100000

50000

0

Time--> 15.50 15.60 15.70

