

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065393.D
 Acq On : 03 Mar 2020 14:36
 Operator : VA/SY
 Sample : L1161-01 2.5PPBLOD
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 06:01:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 05:56:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	406892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	633050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	574450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281938	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	196316	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
35) Dibromofluoromethane	7.92	113	210470	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
50) Toluene-d8	10.34	98	768225	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.64	95	246179	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.98	85	10802	3.165	ug/l	89
3) Chloromethane	2.21	50	11217	2.582	ug/l	95
4) Vinyl Chloride	2.35	62	11921	2.699	ug/l	93
5) Bromomethane	2.77	94	8943	3.349	ug/l	100
6) Chloroethane	2.93	64	7417	2.751	ug/l #	84
7) Trichlorofluoromethane	3.28	101	18828	2.977	ug/l	92
8) Diethyl Ether	3.71	74	5435	2.847	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	11655	2.918	ug/l	97
10) Methyl Iodide	4.30	142	9480	2.286	ug/l	98
11) Tert butyl alcohol	5.27	59	2355	10.767	ug/l #	72
12) 1,1-Dichloroethene	4.06	96	10955	2.904	ug/l	91
13) Acrolein	3.93	56	3716	11.412	ug/l	97
14) Allyl chloride	4.71	41	15917	2.598	ug/l	98
15) Acrylonitrile	5.44	53	10659	12.612	ug/l	97
16) Acetone	4.17	43	12582	14.061	ug/l	97
17) Carbon Disulfide	4.40	76	34881	2.758	ug/l	98
18) Methyl Acetate	4.72	43	8495	4.221	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	18422	2.342	ug/l	100
20) Methylene Chloride	4.97	84	23042	5.073	ug/l #	77
21) trans-1,2-Dichloroethene	5.47	96	11729	2.735	ug/l	90
22) Diisopropyl ether	6.37	45	25286	2.141	ug/l	99
23) Vinyl Acetate	6.31	43	54162	8.319	ug/l	95
24) 1,1-Dichloroethane	6.26	63	20247	2.764	ug/l	99
25) 2-Butanone	7.23	43	13727	12.125	ug/l	94
26) 2,2-Dichloropropane	7.21	77	18254	2.872	ug/l	95
27) cis-1,2-Dichloroethene	7.21	96	12225	2.691	ug/l	95
28) Bromochloromethane	7.55	49	8440	3.106	ug/l #	100
29) Tetrahydrofuran	7.56	42	7952	11.988	ug/l	94
30) Chloroform	7.72	83	22250	3.015	ug/l	93
31) Cyclohexane	7.99	56	24688	3.430	ug/l #	74
32) 1,1,1-Trichloroethane	7.91	97	18589	2.815	ug/l	99
36) 1,1-Dichloropropene	8.11	75	15693	2.548	ug/l	99
37) Ethyl Acetate	7.31	43	4267	1.657	ug/l #	93
38) Carbon Tetrachloride	8.10	117	17395	2.774	ug/l #	92

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 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 05:56:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	16907	2.335	ug/l	91
40) Benzene	8.36	78	44935	2.585	ug/l	92
41) Methacrylonitrile	7.53	41	3056	2.055	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	13407	2.805	ug/l	98
43) Isopropyl Acetate	8.46	43	10897	2.327	ug/l	94
44) Trichloroethene	9.11	130	12911	2.679	ug/l	96
45) 1,2-Dichloropropane	9.39	63	11596	2.682	ug/l	98
46) Dibromomethane	9.48	93	5669	2.549	ug/l	98
47) Bromodichloromethane	9.67	83	15331	2.615	ug/l	97
48) Methyl methacrylate	9.47	41	5236	2.419	ug/l	95
49) 1,4-Dioxane	9.46	88	1141	43.736	ug/l #	47
51) 4-Methyl-2-Pentanone	10.23	43	24783	10.420	ug/l	97
52) Toluene	10.41	92	28822	2.678	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	13595	2.502	ug/l #	86
54) cis-1,3-Dichloropropene	10.10	75	15329	2.336	ug/l	92
55) 1,1,2-Trichloroethane	10.81	97	8466	2.704	ug/l #	92
56) Ethyl methacrylate	10.67	69	7507	2.077	ug/l	93
57) 1,3-Dichloropropane	10.95	76	14108	2.648	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	17509	15.368	ug/l	99
59) 2-Hexanone	10.99	43	17322	10.174	ug/l	97
60) Dibromochloromethane	11.14	129	10624	2.651	ug/l	100
61) 1,2-Dibromoethane	11.24	107	7578	2.556	ug/l	100
64) Tetrachloroethene	10.88	164	12981	3.186	ug/l #	90
65) Chlorobenzene	11.68	112	30626	2.657	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	11051	2.569	ug/l	95
67) Ethyl Benzene	11.75	91	47103	2.333	ug/l	97
68) m/p-Xylenes	11.86	106	34603	4.480	ug/l	99
69) o-Xylene	12.18	106	14552	2.126	ug/l	98
70) Styrene	12.20	104	26118	2.150	ug/l	99
71) Bromoform	12.37	173	6256	2.621	ug/l #	94
73) Isopropylbenzene	12.48	105	39041	2.092	ug/l	98
74) N-amyl acetate	12.30	43	8265	1.993	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	9081	2.696	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	11515	4.800	ug/l #	100
77) Bromobenzene	12.77	156	12333	2.661	ug/l	96
78) n-propylbenzene	12.83	91	53294	2.376	ug/l	99
79) 2-Chlorotoluene	12.91	91	29749	2.367	ug/l	94
80) 1,3,5-Trimethylbenzene	12.97	105	32337	2.103	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.64	75	116814	105.145	ug/l #	11
82) 4-Chlorotoluene	13.01	91	31329	2.348	ug/l	98
83) tert-Butylbenzene	13.23	119	27033	2.098	ug/l	94
84) 1,2,4-Trimethylbenzene	13.28	105	31613	2.054	ug/l	95
85) sec-Butylbenzene	13.41	105	40307	2.171	ug/l	99
86) p-Isopropyltoluene	13.53	119	34490	2.031	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	23566	2.630	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	24161	2.732	ug/l	90
89) n-Butylbenzene	13.85	91	35819	2.289	ug/l	97
90) Hexachloroethane	14.12	117	8782	2.547	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	19862	2.582	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.53	75	1388	2.674	ug/l	86

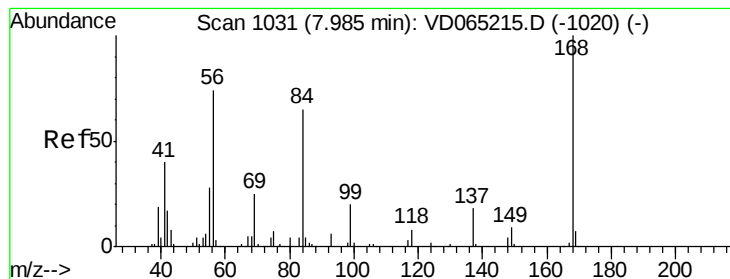
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 05:56:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	12511	2.486	ug/l	95
94) Hexachlorobutadiene	15.28	225	8908	2.759	ug/l	96
95) Naphthalene	15.41	128	17348	2.120	ug/l	97
96) 1,2,3-Trichlorobenzene	15.61	180	11248	2.559	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

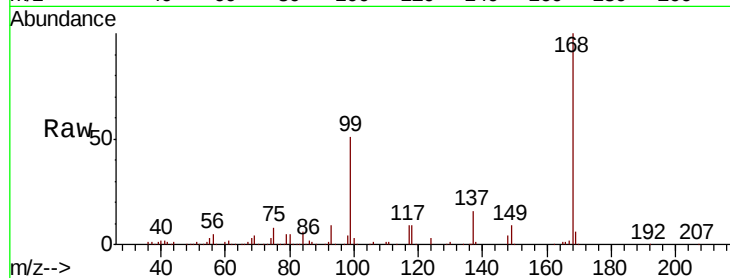
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 406892

Ion Ratio Lower Upper

168 100

99 50.9 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

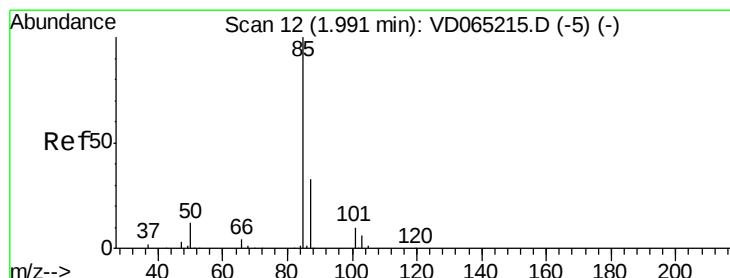
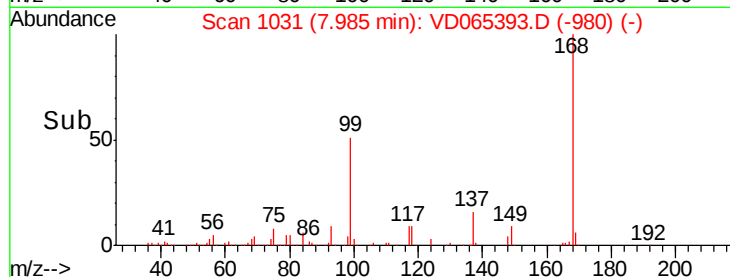
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.165 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD065393.D

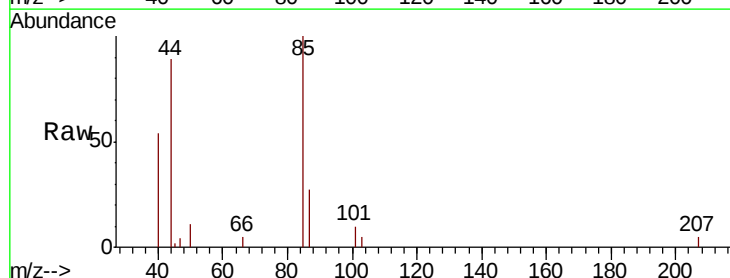
Acq: 03 Mar 2020 14:36

Tgt Ion: 85 Resp: 10802

Ion Ratio Lower Upper

85 100

87 26.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

8000

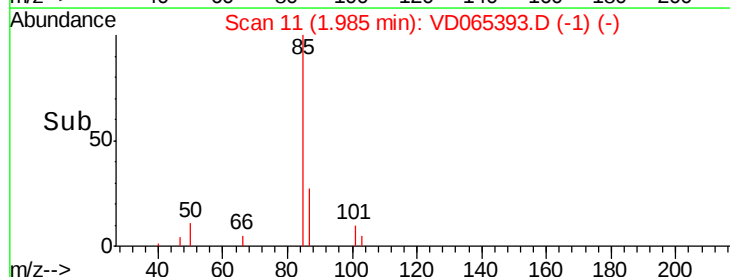
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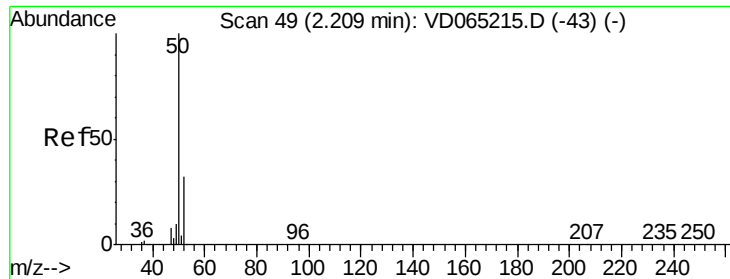
4000

2000

0

Time-->





#3

Chloromethane

Concen: 2.582 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

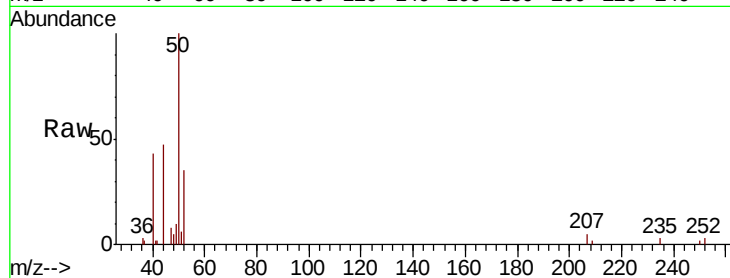
ClientSampleId :

Tot Ion: 50 Resp: 11217

Ion Ratio Lower Upper

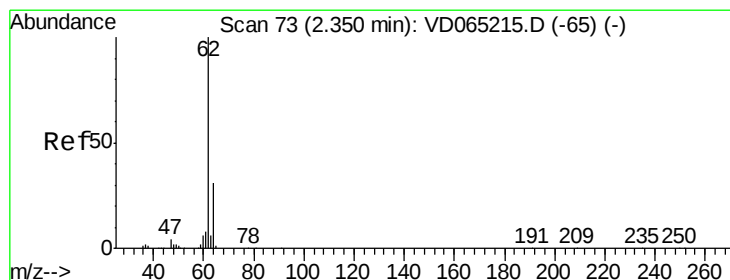
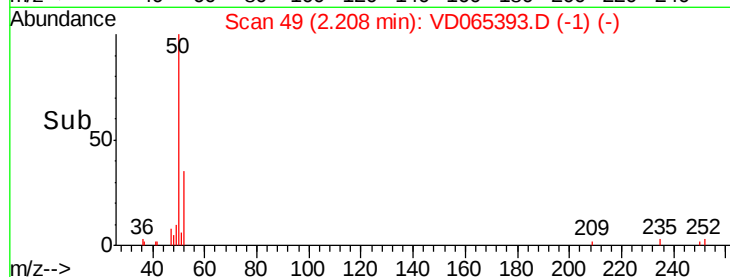
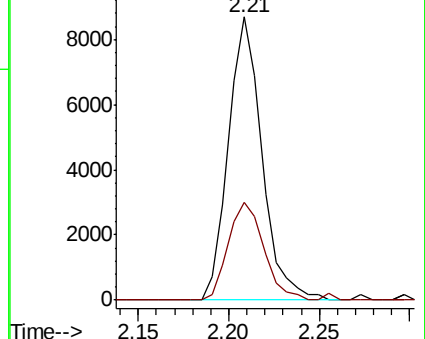
50 100

52 34.7 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: 2.699 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065393.D

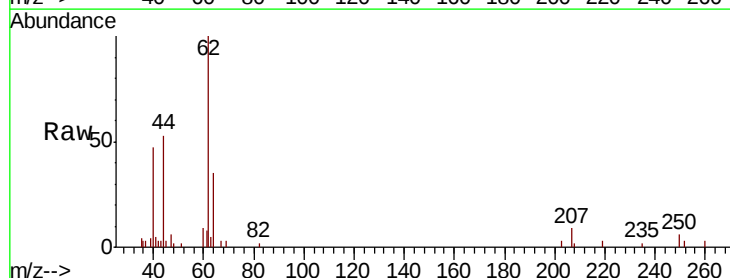
Acq: 03 Mar 2020 14:36

Tgt Ion: 62 Resp: 11921

Ion Ratio Lower Upper

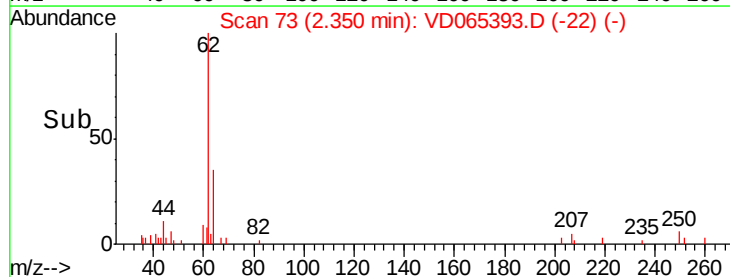
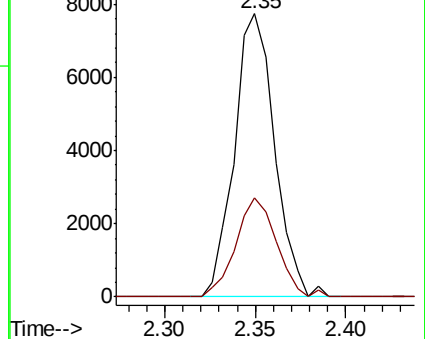
62 100

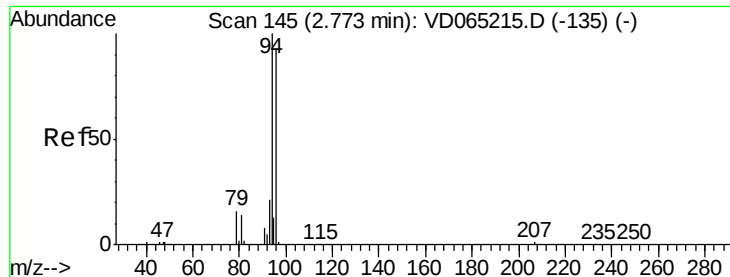
64 35.1 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 3.349 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

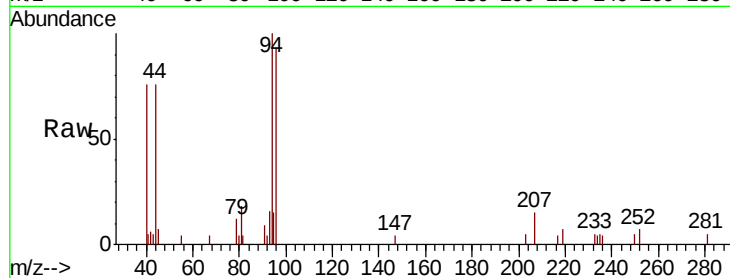
ClientSampleId :

Tot Ion: 94 Resp: 8943

Ion Ratio Lower Upper

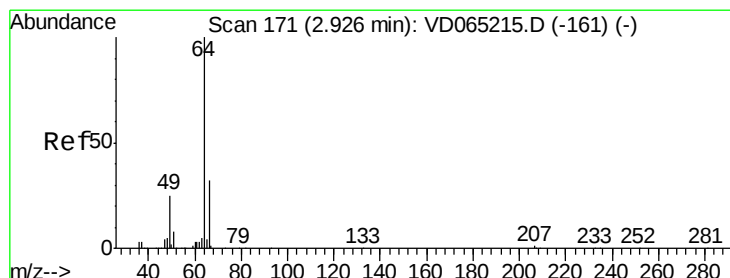
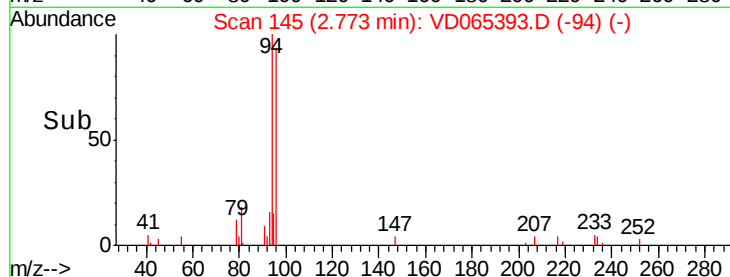
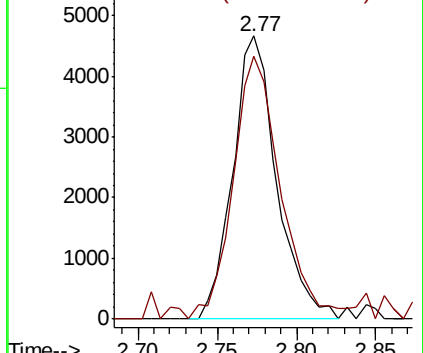
94 100

96 93.1 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: 2.751 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065393.D

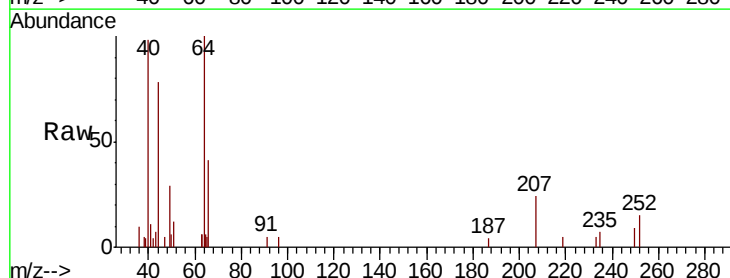
Acq: 03 Mar 2020 14:36

Tgt Ion: 64 Resp: 7417

Ion Ratio Lower Upper

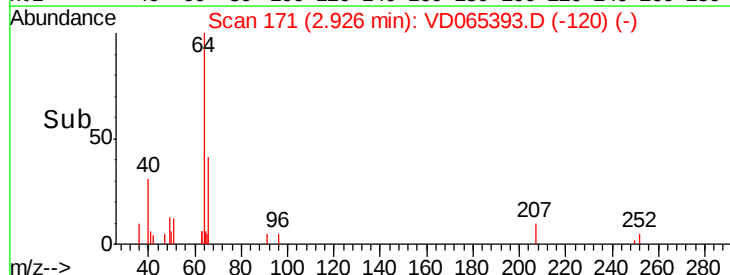
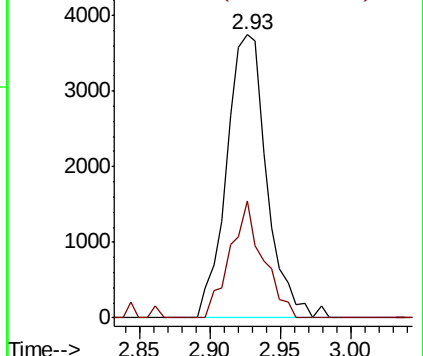
64 100

66 41.3 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



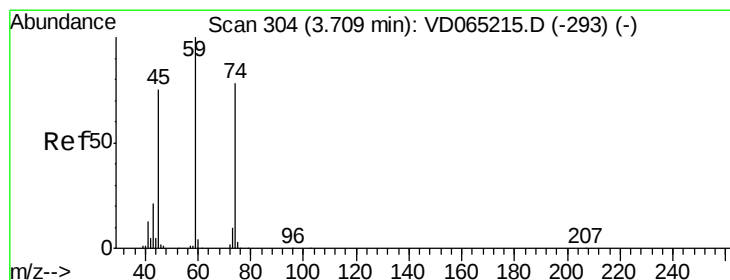
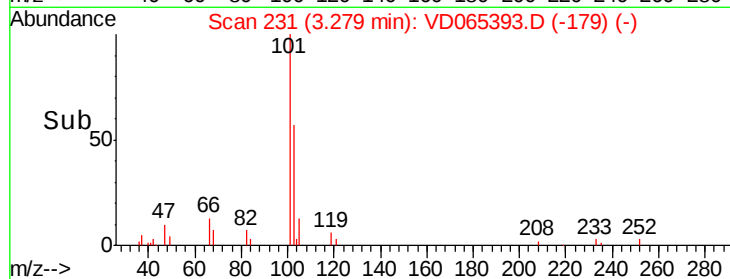
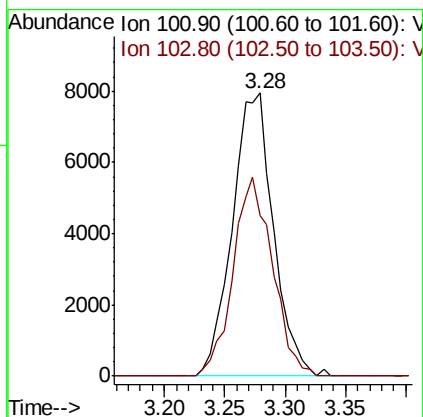
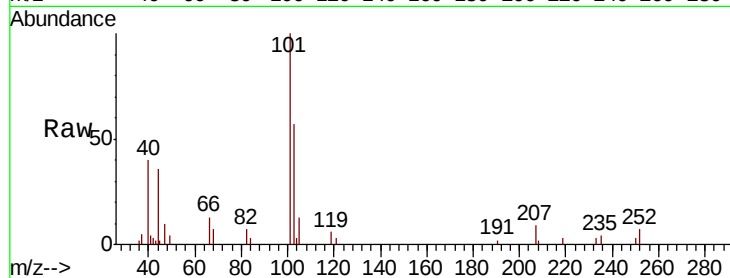


#7

Trichlorofluoromethane
 Concen: 2.977 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :

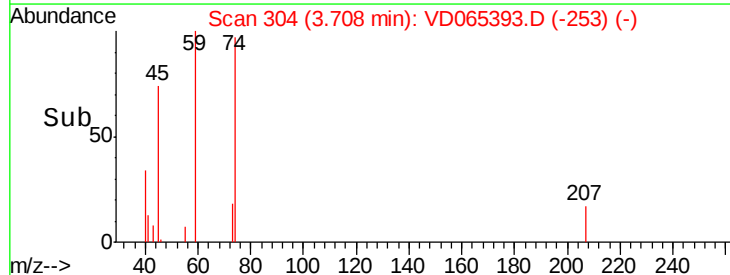
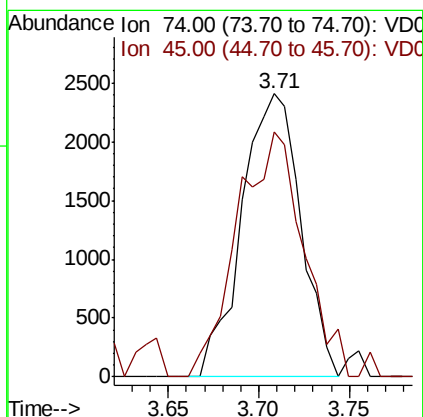
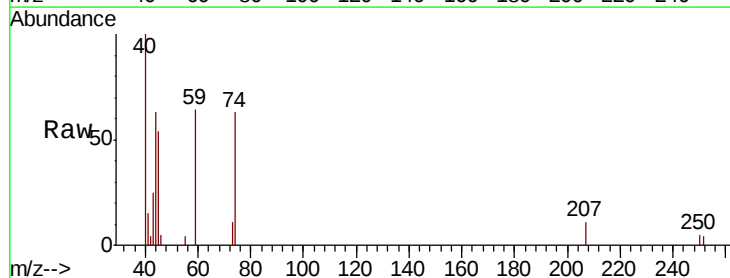
Tot Ion:101 Resp: 18828
 Ion Ratio Lower Upper
 101 100
 103 56.9 50.7 76.1

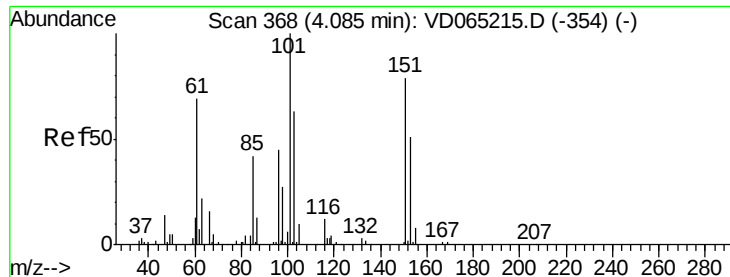


#8

Diethyl Ether
 Concen: 2.847 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Tgt Ion: 74 Resp: 5435
 Ion Ratio Lower Upper
 74 100
 45 97.4 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.918 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

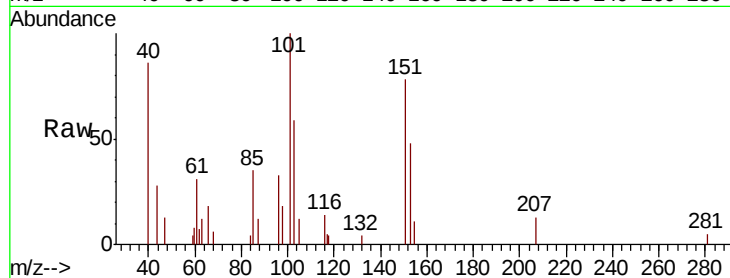
Tot Ion:101 Resp: 11655

Ion Ratio Lower Upper

101 100

85 44.5 34.2 51.2

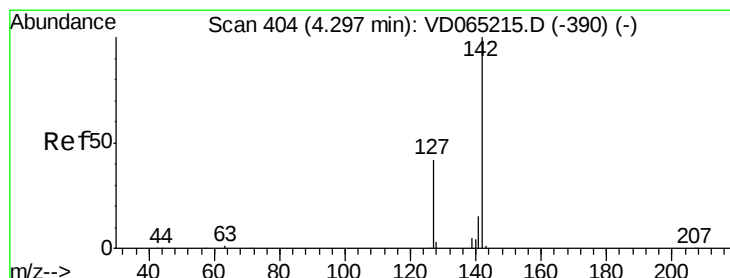
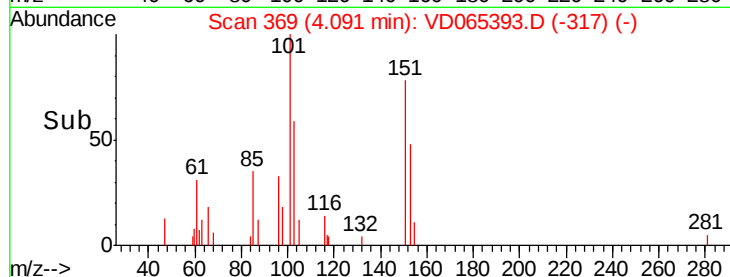
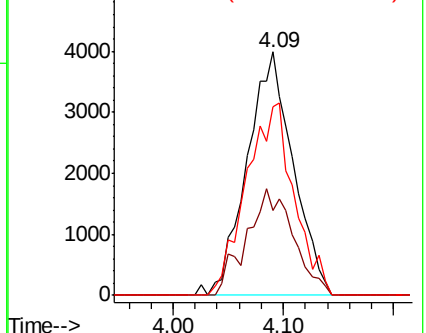
151 82.1 63.5 95.3



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: 2.286 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

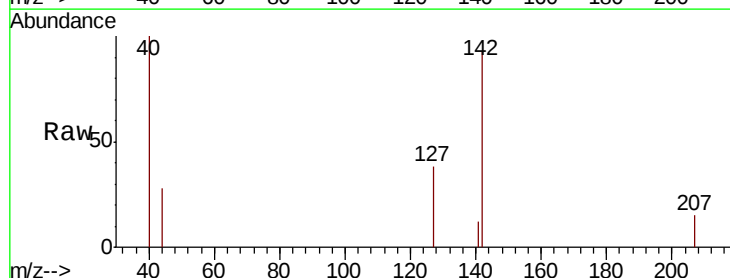
Tgt Ion:142 Resp: 9480

Ion Ratio Lower Upper

142 100

127 41.8 33.8 50.8

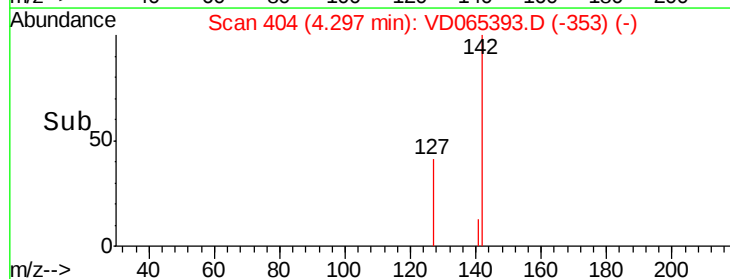
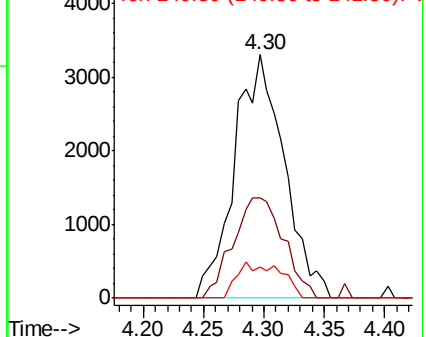
141 13.0 11.7 17.5

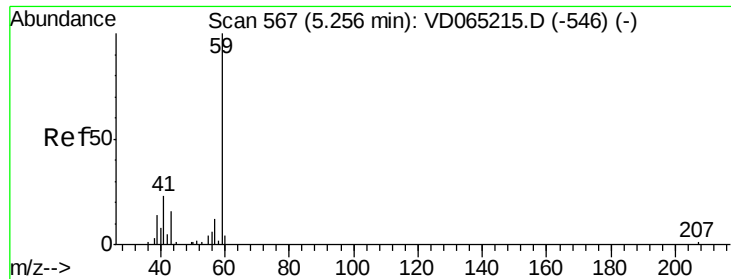


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

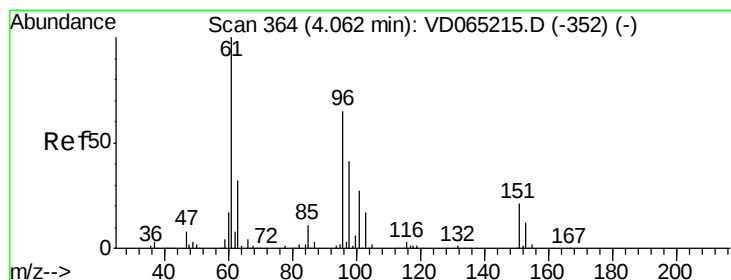
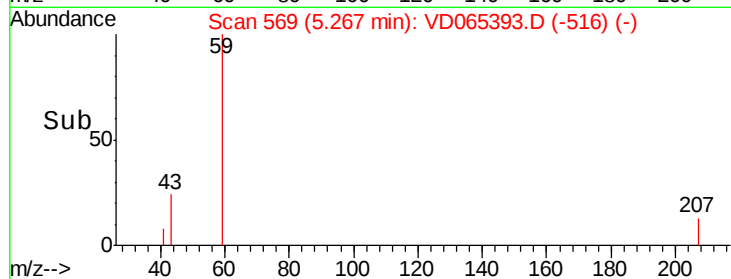
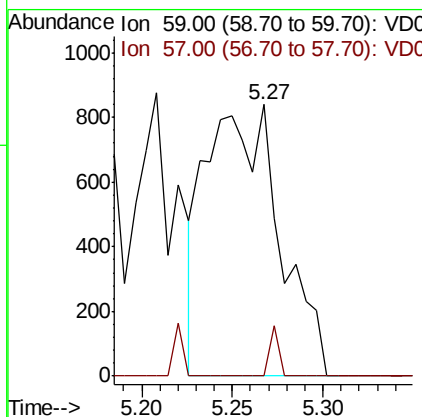
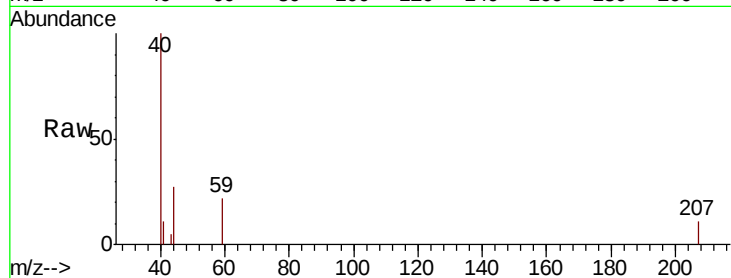




#11
Tert butyl alcohol
Concen: 10.767 ug/l
RT: 5.27 min Scan# 569
Delta R.T. 0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

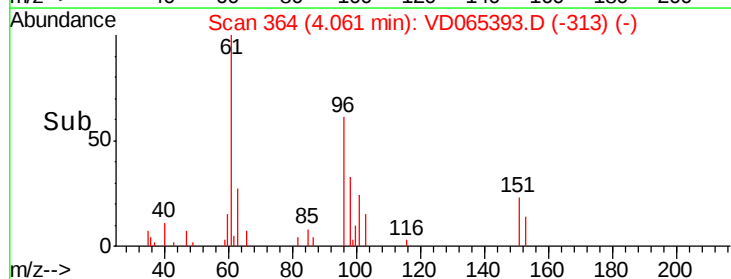
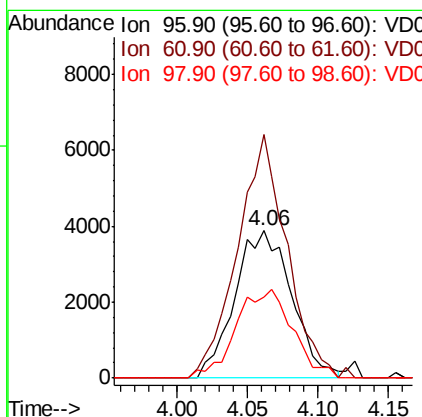
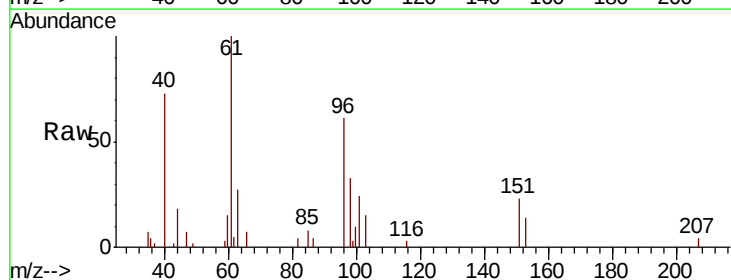
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 59 Resp: 2355
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 2.904 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 96 Resp: 10955
Ion Ratio Lower Upper
96 100
61 165.2 123.3 184.9
98 54.8 51.0 76.4





#13

Acrolein

Concen: 11.412 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

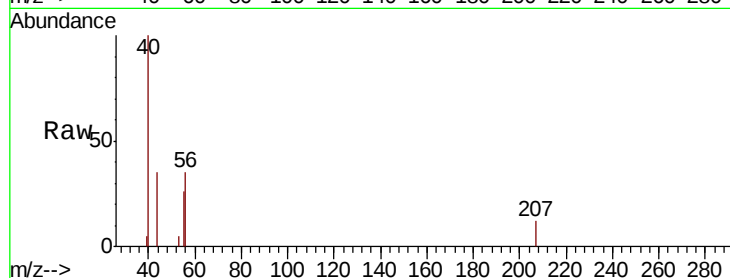
ClientSampleId :

Tot Ion: 56 Resp: 3716

Ion Ratio Lower Upper

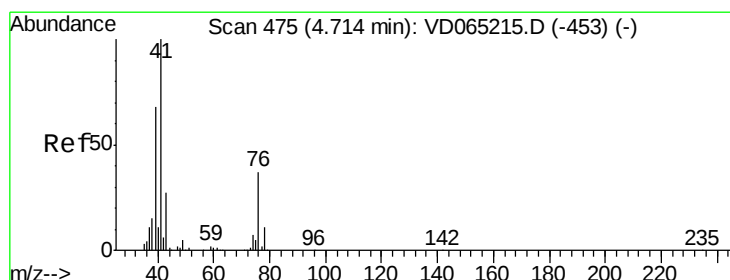
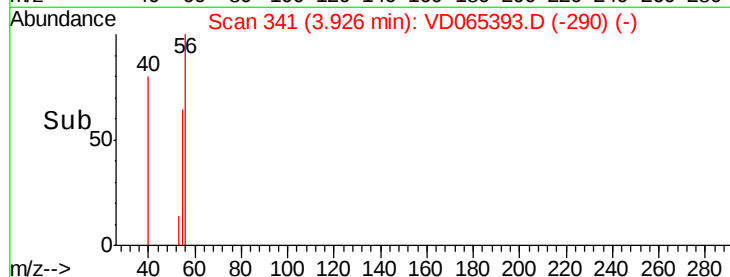
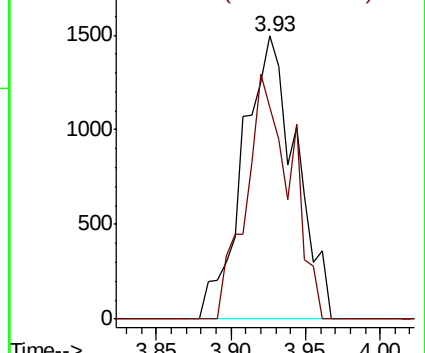
56 100

55 73.0 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 2.598 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

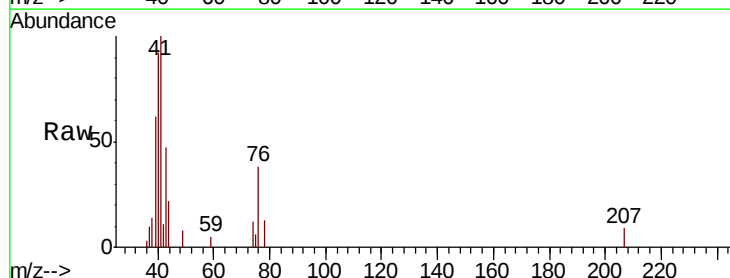
Tgt Ion: 41 Resp: 15917

Ion Ratio Lower Upper

41 100

39 68.1 53.8 80.6

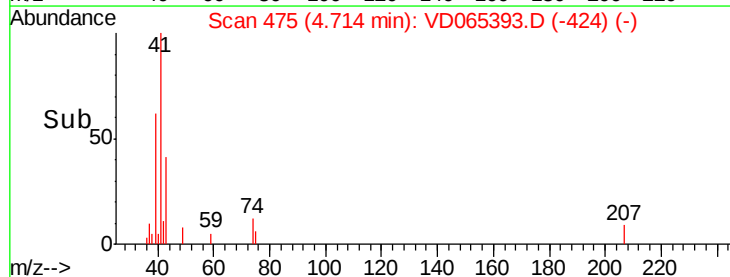
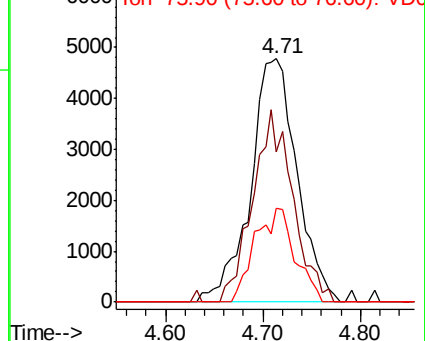
76 33.1 28.7 43.1

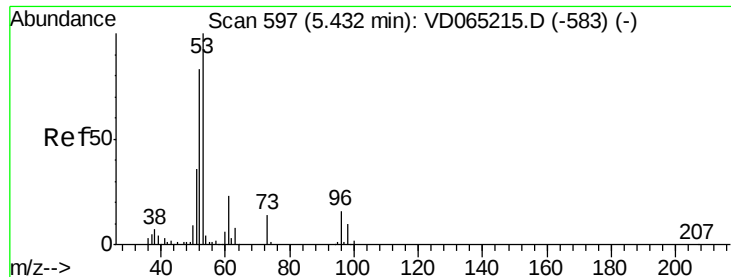


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 12.612 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

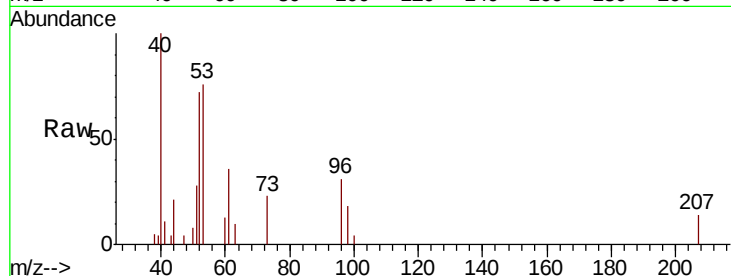
Tot Ion: 53 Resp: 10659

Ion Ratio Lower Upper

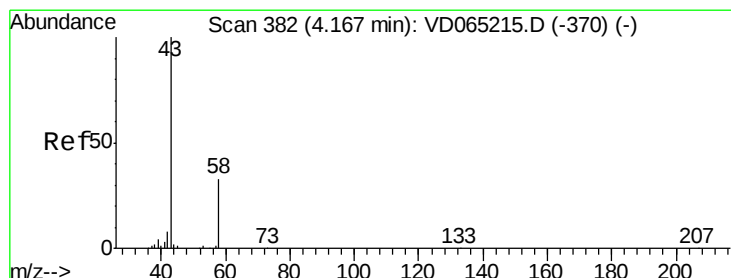
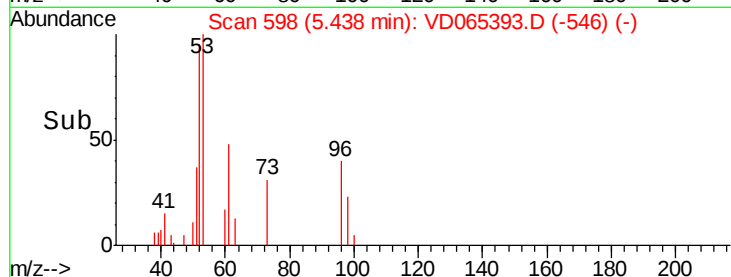
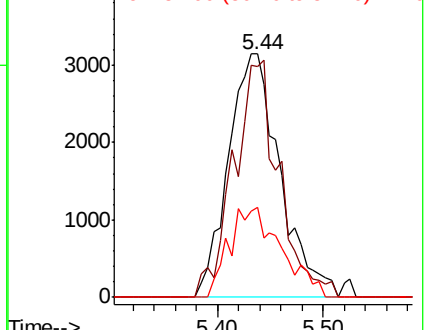
53 100

52 85.8 65.4 98.2

51 37.5 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: 14.061 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065393.D

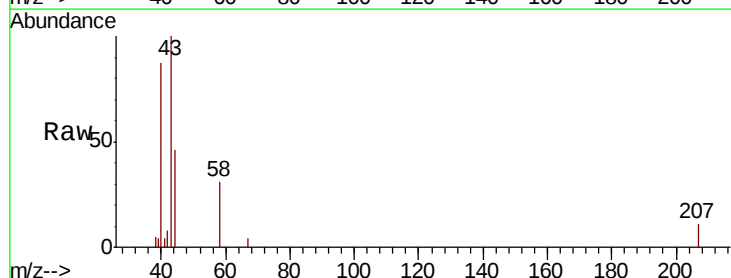
Acq: 03 Mar 2020 14:36

Tgt Ion: 43 Resp: 12582

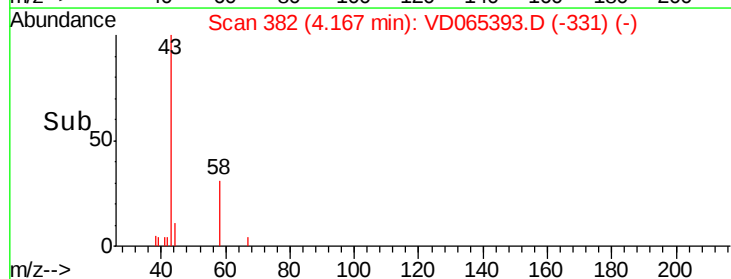
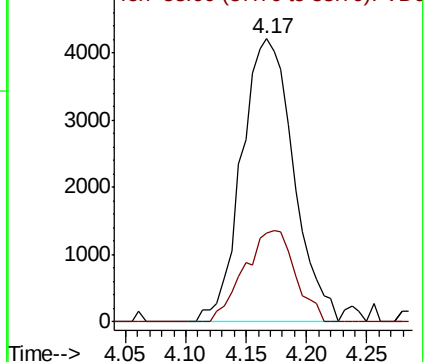
Ion Ratio Lower Upper

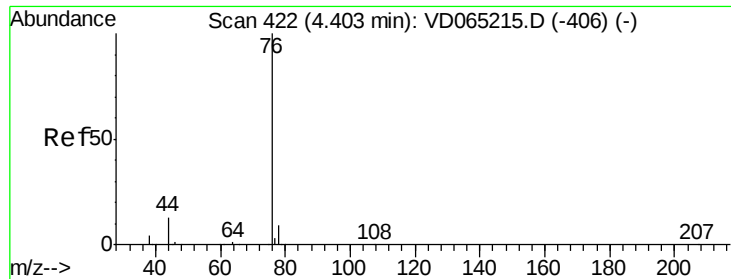
43 100

58 31.3 26.2 39.2



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

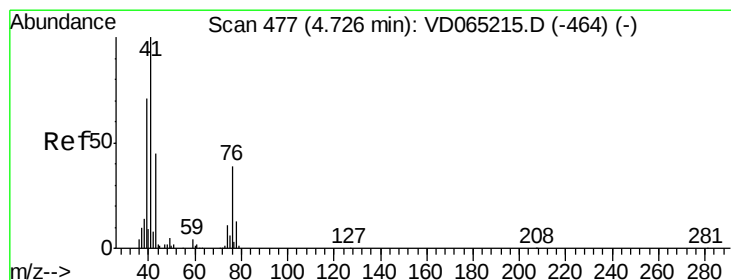
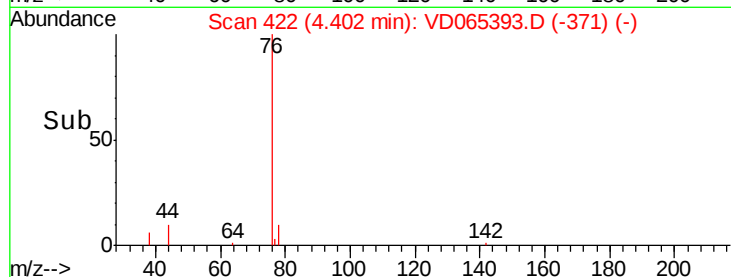
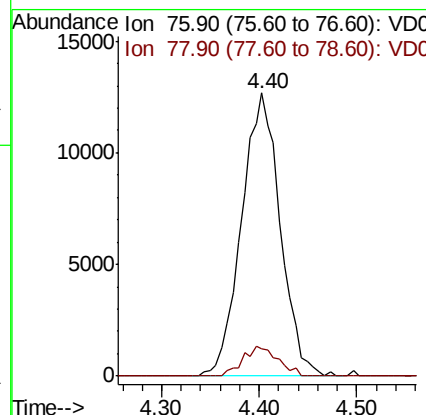
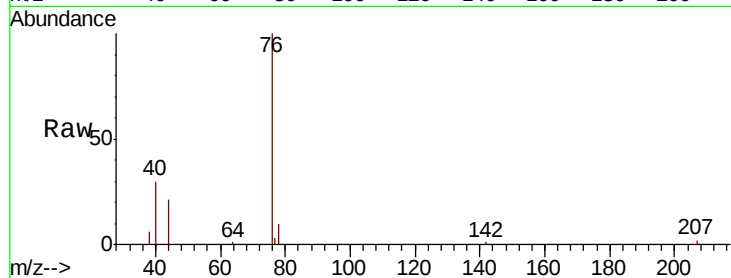




#17
Carbon Disulfide
Concen: 2.758 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

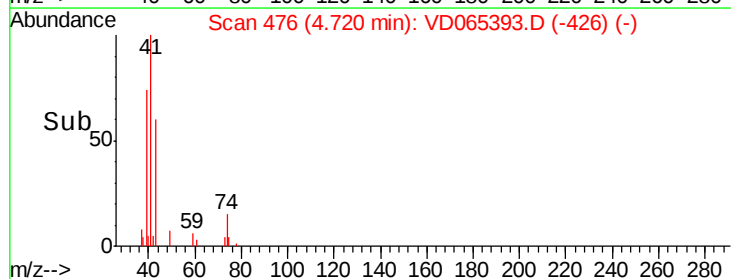
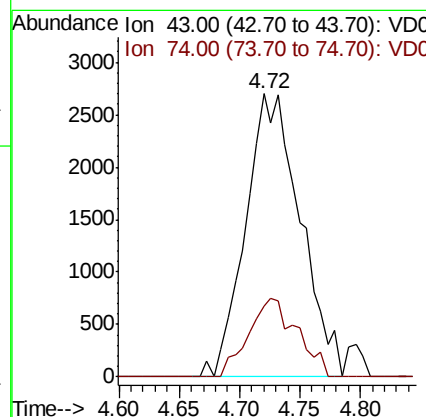
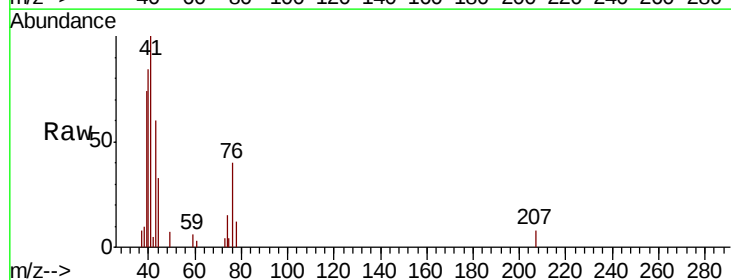
Instrument :
MSVOA_D
ClientSampleId :

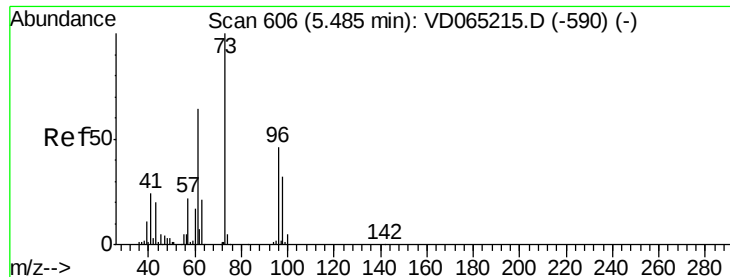
Tot Ion: 76 Resp: 34881
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 4.221 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 43 Resp: 8495
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2

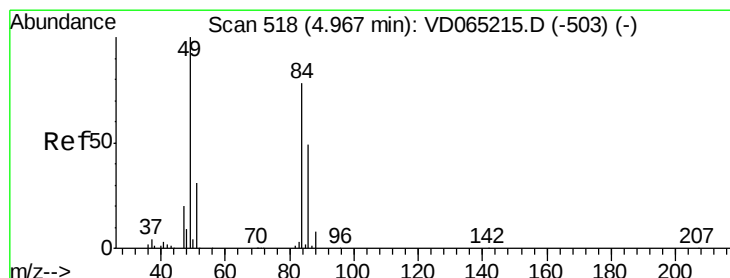
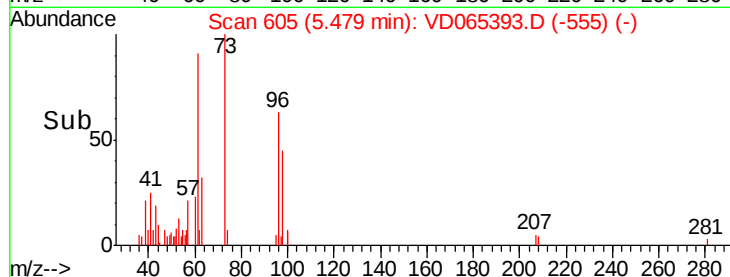
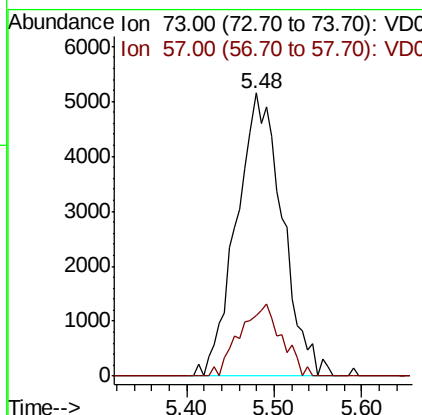
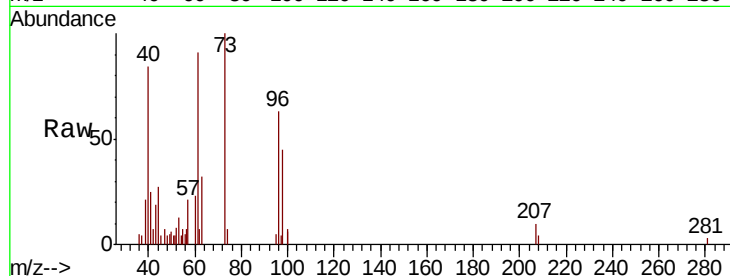




#19
Methvl tert-butvl Ether
Concen: 2.342 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

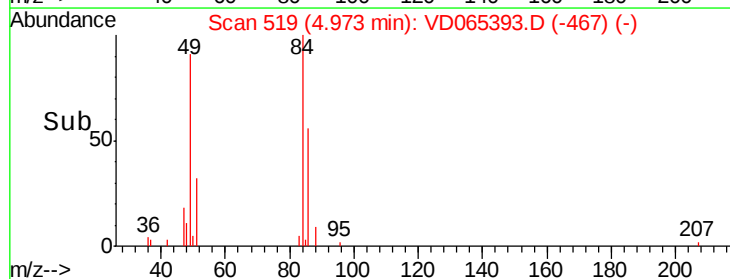
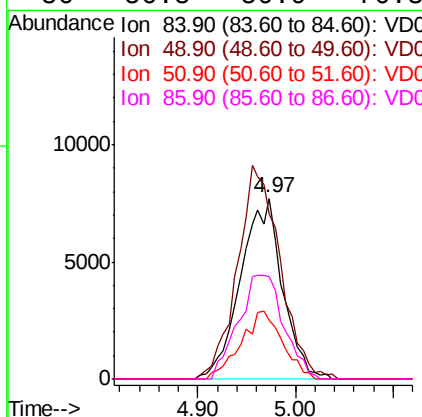
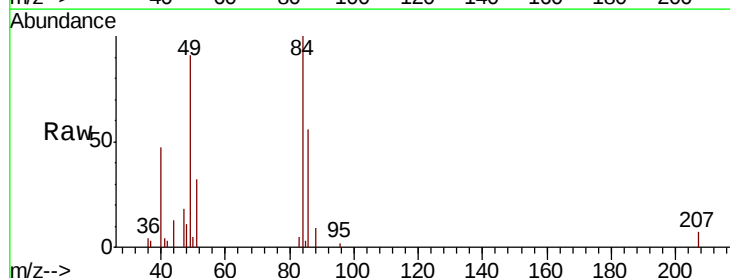
Instrument :
MSVOA_D
ClientSampleId :

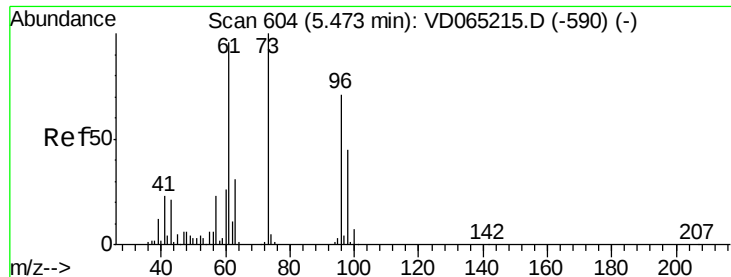
Tot Ion: 73 Resp: 18422
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 5.073 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 84 Resp: 23042
Ion Ratio Lower Upper
84 100
49 91.3 103.1 154.7#
51 32.4 31.7 47.5
86 56.5 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 2.735 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

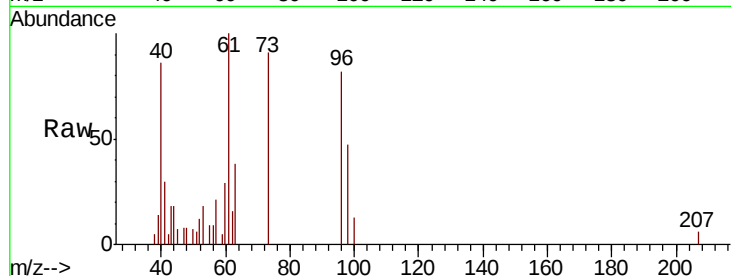
Tot Ion: 96 Resp: 11729

Ion Ratio Lower Upper

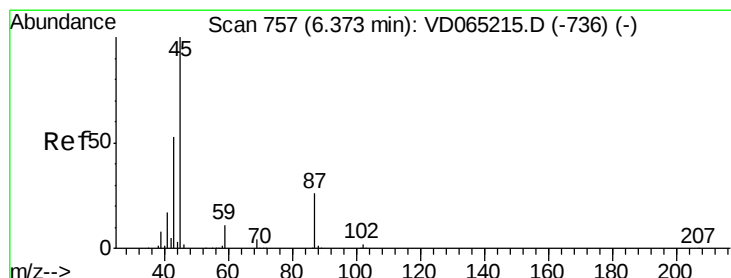
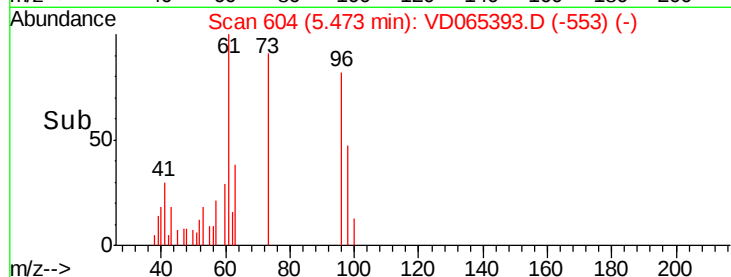
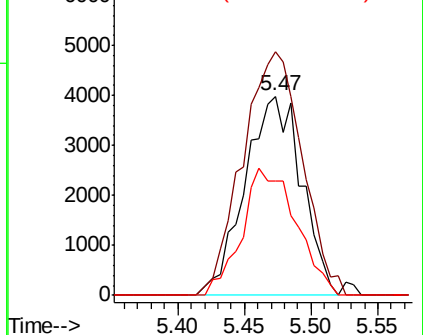
96 100

61 122.5 108.3 162.5

98 57.8 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: 2.141 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Tgt Ion: 45 Resp: 25286

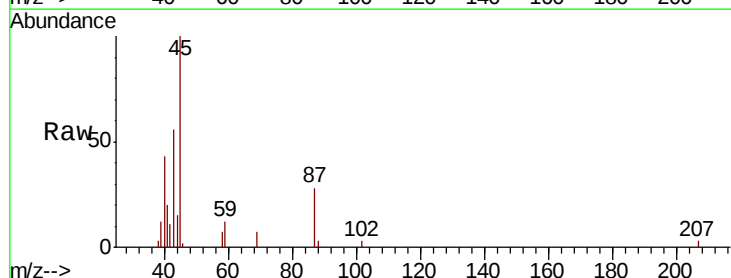
Ion Ratio Lower Upper

45 100

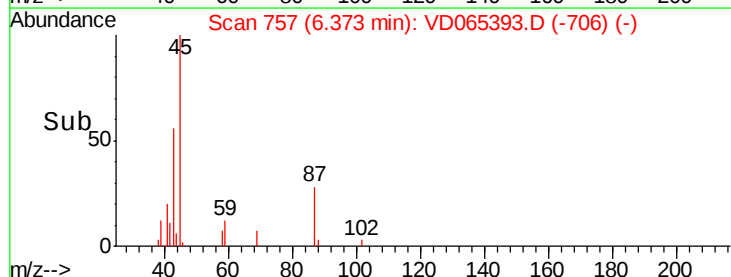
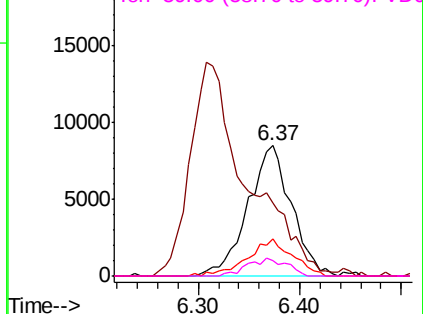
43 53.4 42.6 64.0

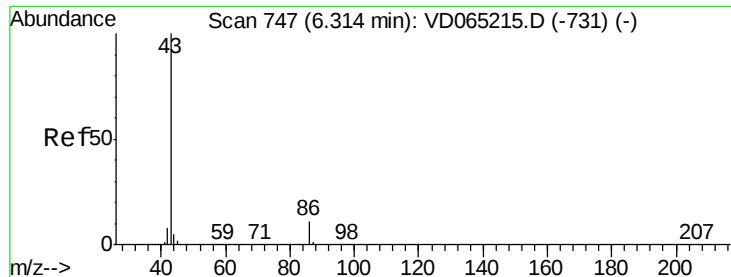
87 28.1 21.2 31.8

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: 8.319 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

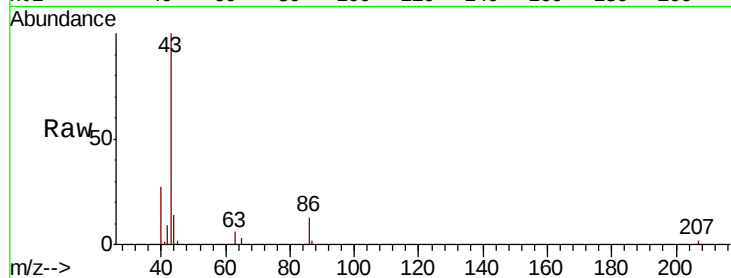
ClientSampleId :

Tot Ion: 43 Resp: 54162

Ion Ratio Lower Upper

43 100

86 12.6 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

15000

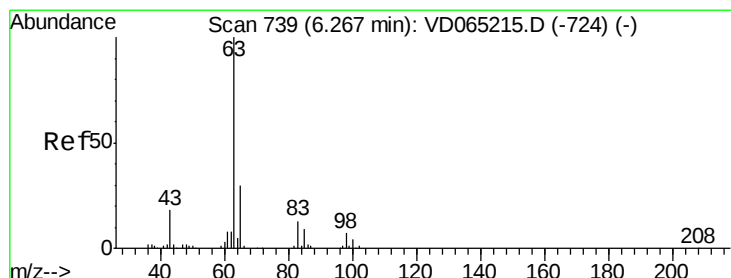
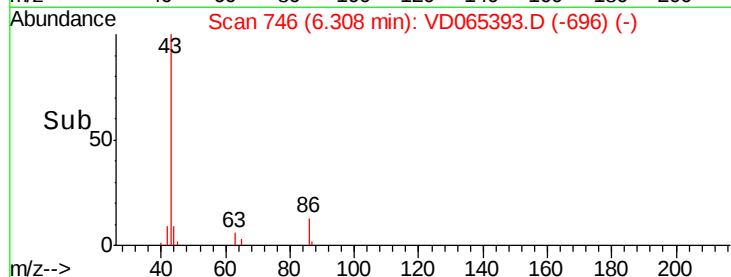
10000

5000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 2.764 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

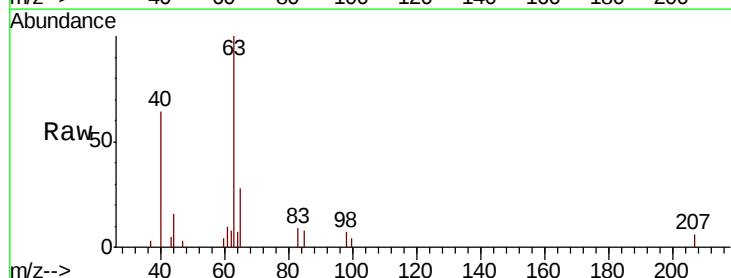
Tgt Ion: 63 Resp: 20247

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 4.3 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

6.26

8000

6000

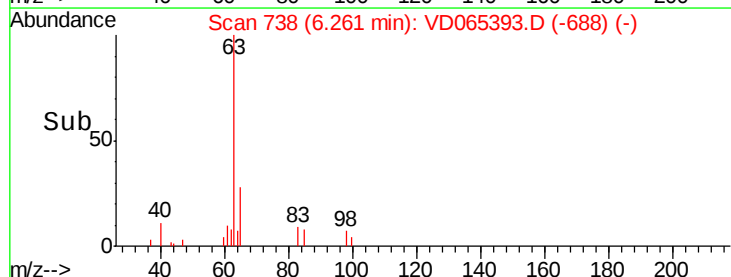
4000

2000

0

6.20 6.30

Time-->





#25

2-Butanone

Concen: 12.125 ug/l

RT: 7.23 min Scan# 903

Delta R.T. 0.01 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

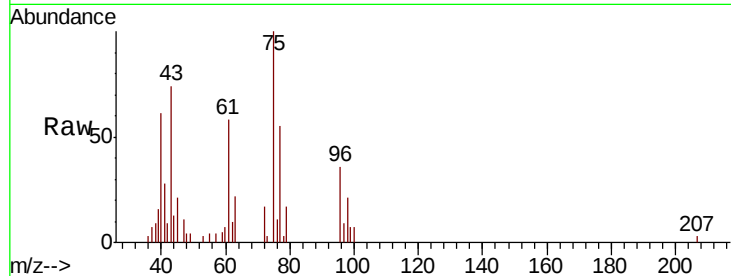
ClientSampleId :

Tot Ion: 43 Resp: 13727

Ion Ratio Lower Upper

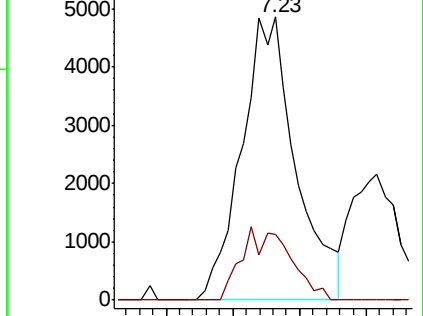
43 100

72 23.2 20.9 31.3

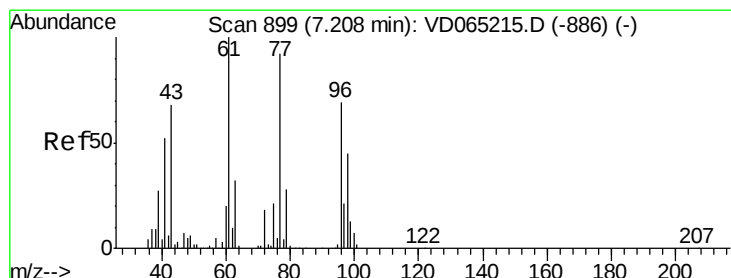
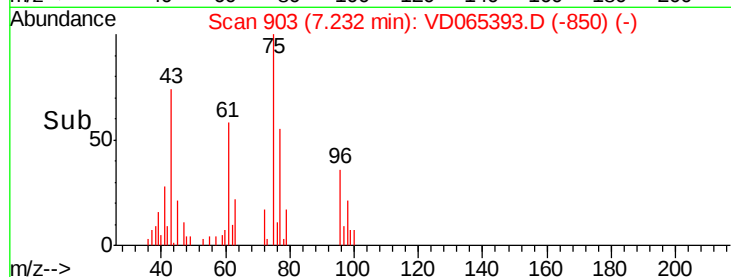


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#26

2,2-Dichloropropane

Concen: 2.872 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065393.D

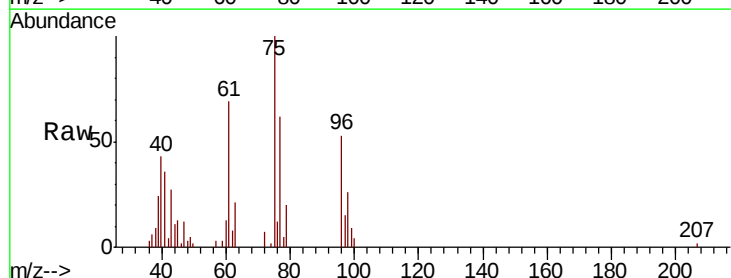
Acq: 03 Mar 2020 14:36

Tgt Ion: 77 Resp: 18254

Ion Ratio Lower Upper

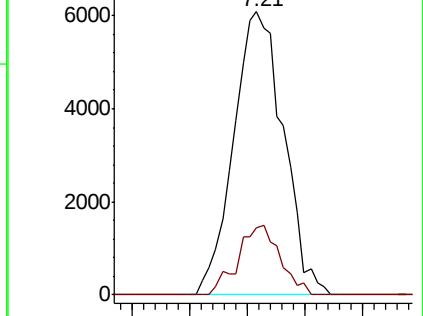
77 100

97 20.8 11.7 35.1

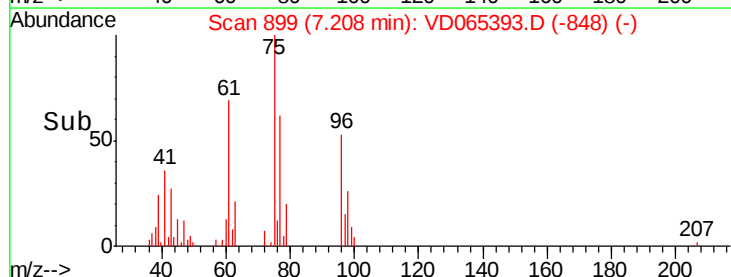


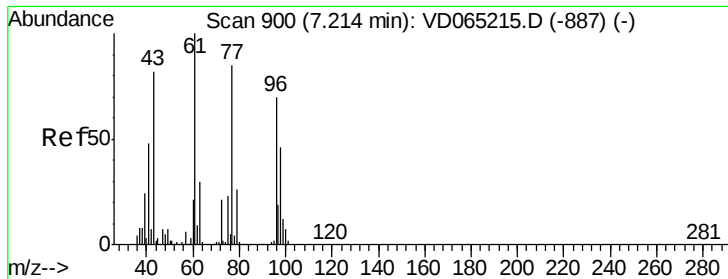
Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



Time-->



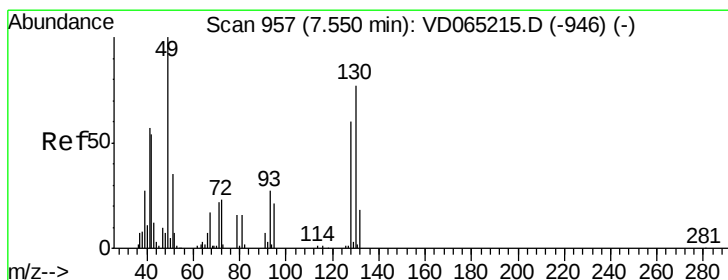
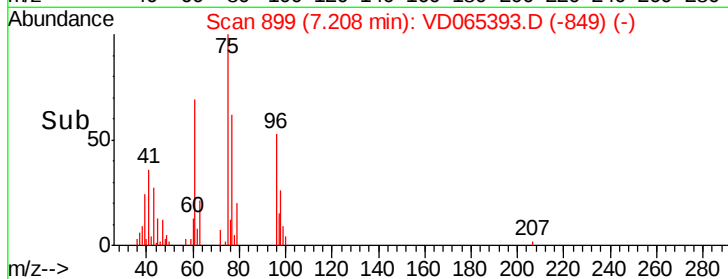
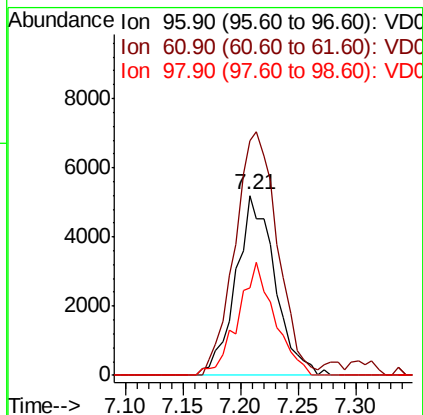
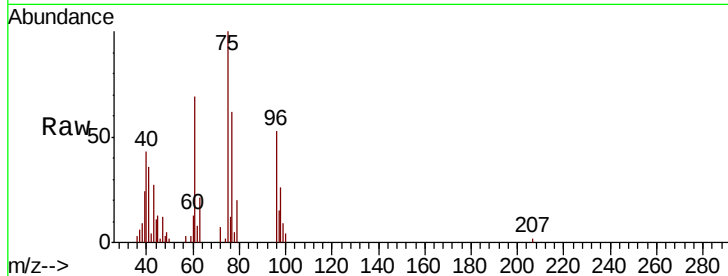


#27

cis-1,2-Dichloroethene
 Concen: 2.691 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Instrument :
 MSVOA_D
 ClientSampled :

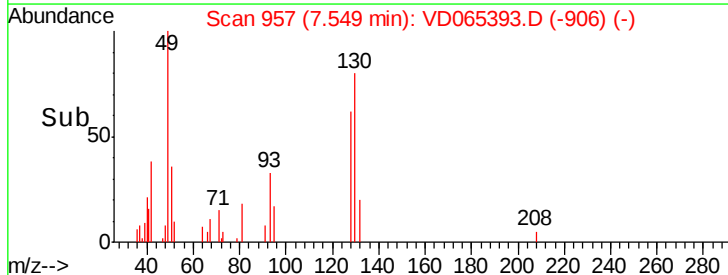
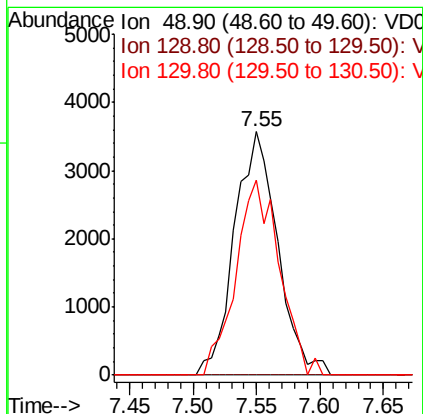
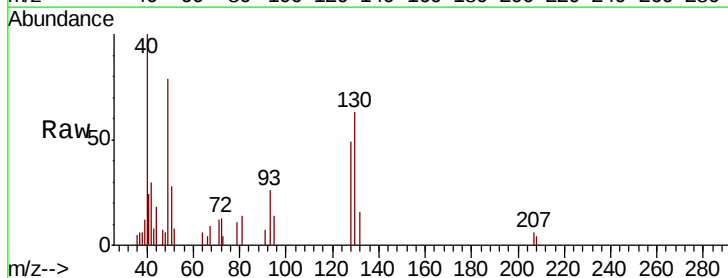
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	286.0
98	59.1	0.0	127.8

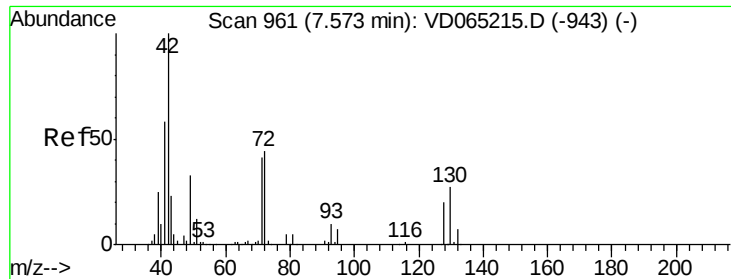


#28

Bromochloromethane
 Concen: 3.106 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	81.1	64.7	97.1

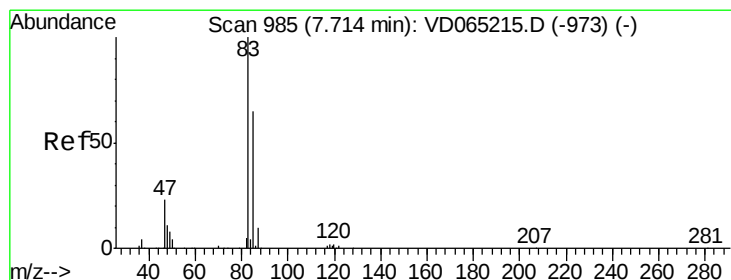
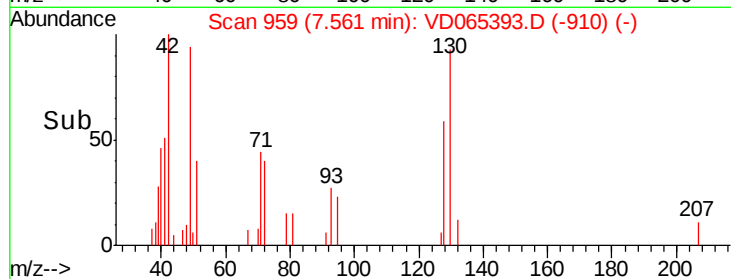
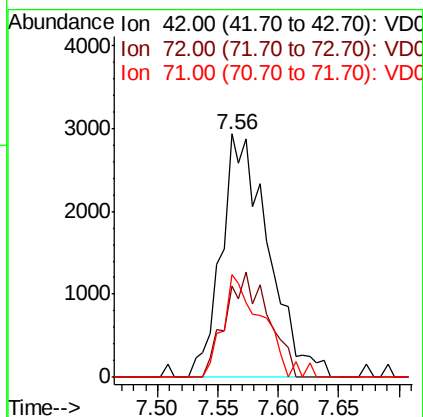
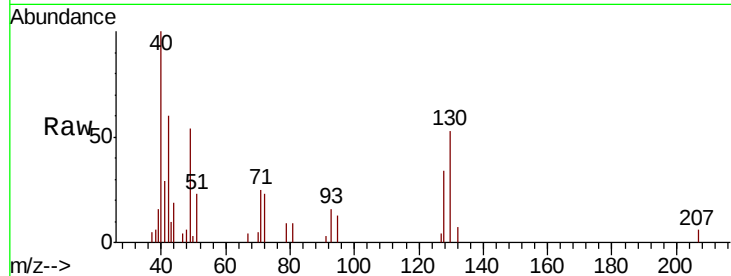




#29
Tetrahydrofuran
Concen: 11.988 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

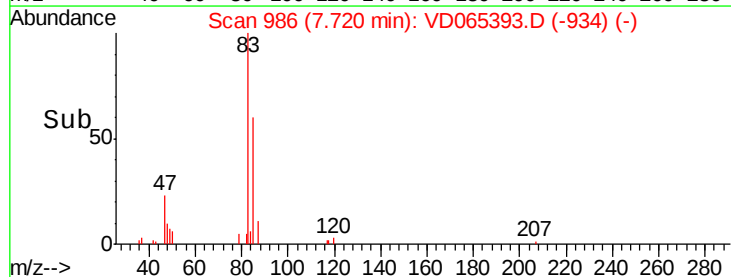
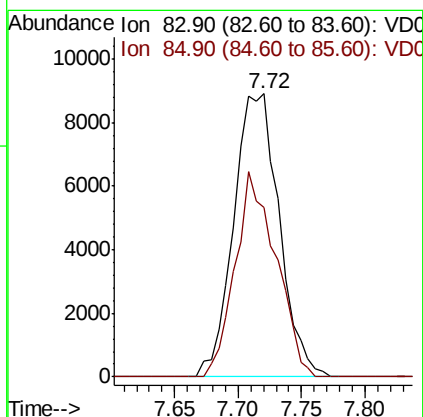
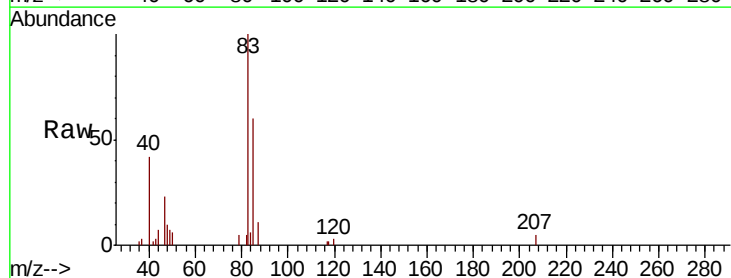
Instrument :
MSVOA_D
ClientSampleId :

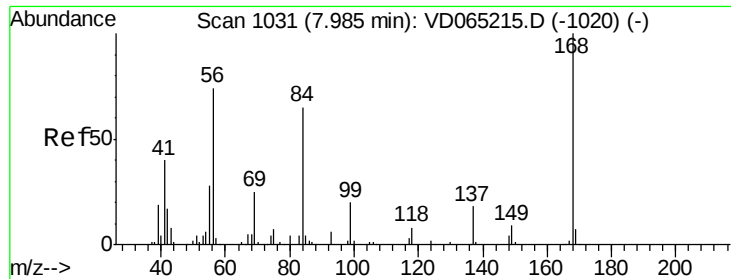
Tot Ion: 42 Resp: 7952
Ion Ratio Lower Upper
42 100
72 39.1 33.7 50.5
71 35.3 31.4 47.2



#30
Chloroform
Concen: 3.015 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 83 Resp: 22250
Ion Ratio Lower Upper
83 100
85 60.0 52.3 78.5

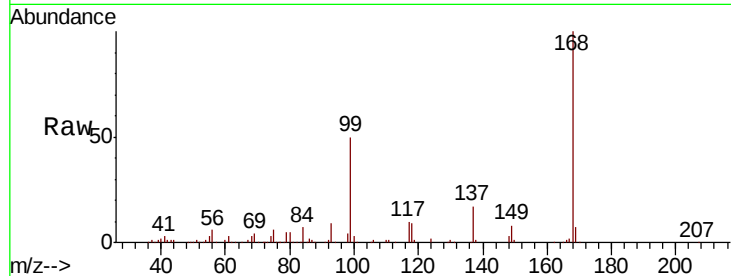




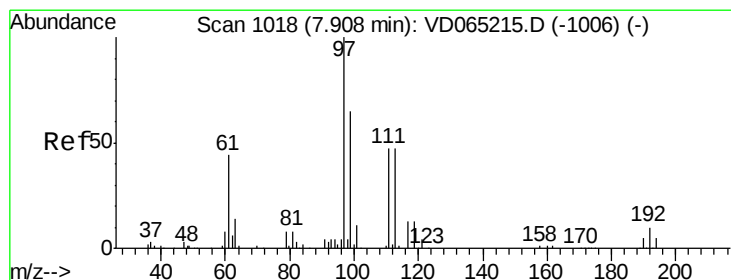
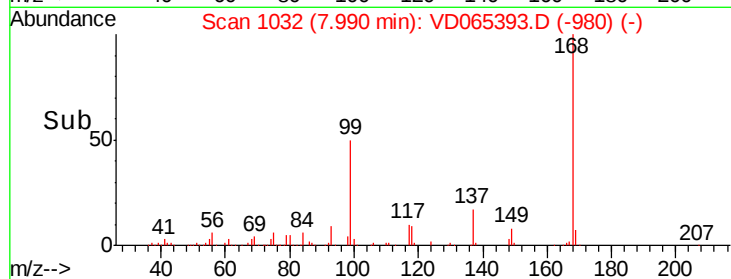
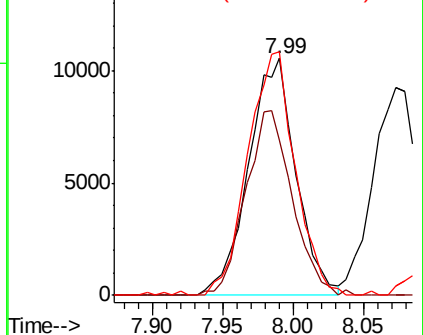
#31
Cyclohexane
Concen: 3.430 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 24688
Ion Ratio Lower Upper
56 100
69 65.3 27.4 41.0#
84 102.7 71.1 106.7

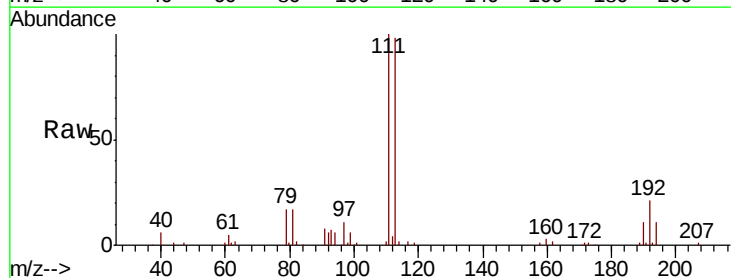


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

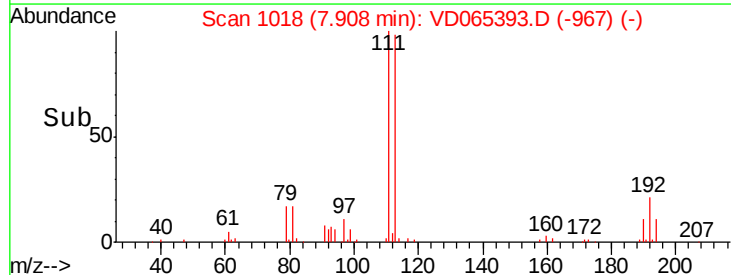
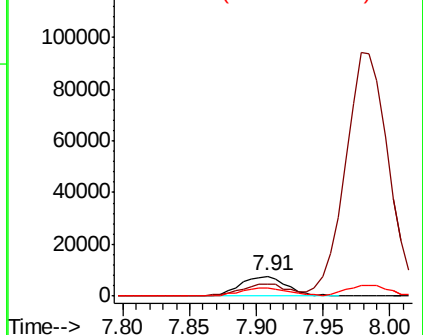


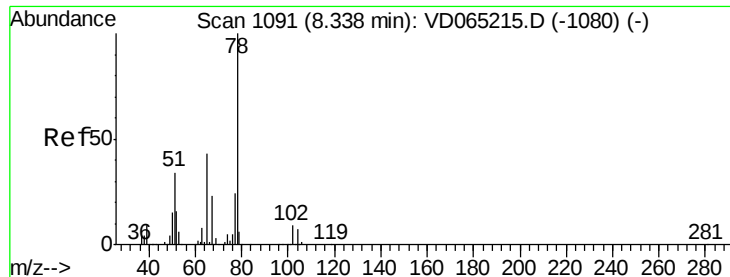
#32
1,1,1-Trichloroethane
Concen: 2.815 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 97 Resp: 18589
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 42.1 34.8 52.2



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

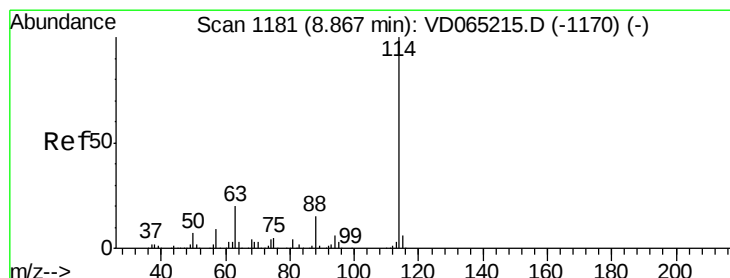
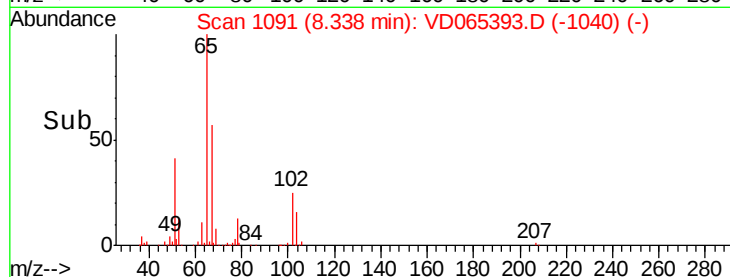
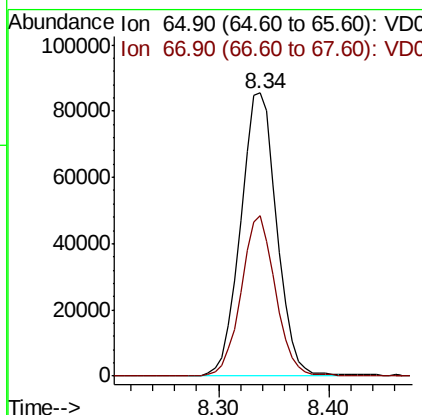
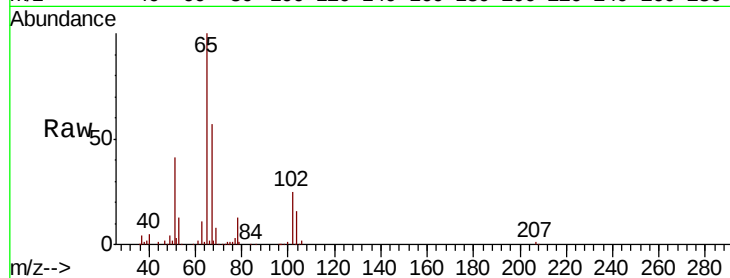




#33
 1,2-Dichloroethane-d4
 Concen: 53.632 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

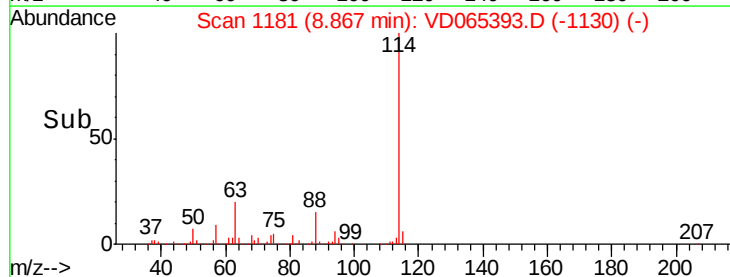
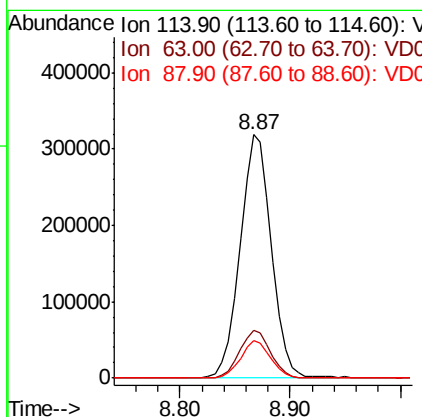
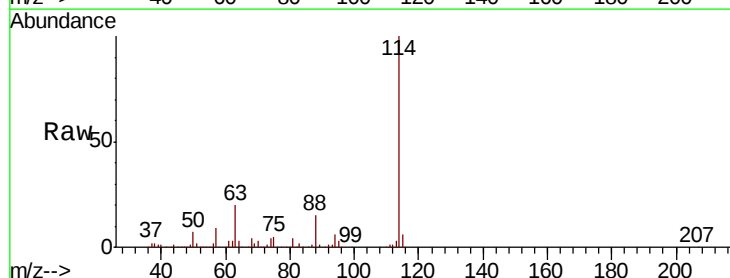
Instrument :
 MSVOA_D
 ClientSampleId :

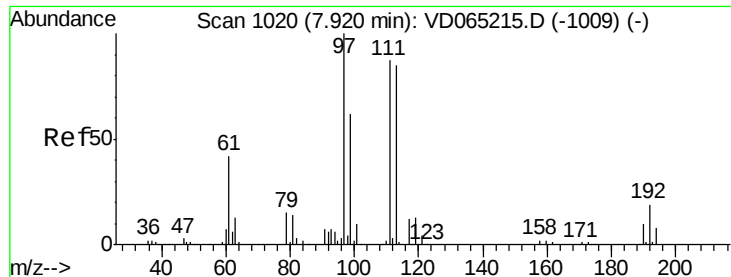
Tot Ion: 65 Resp: 196316
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Tgt Ion: 114 Resp: 633050
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.4
 88 15.2 0.0 30.4

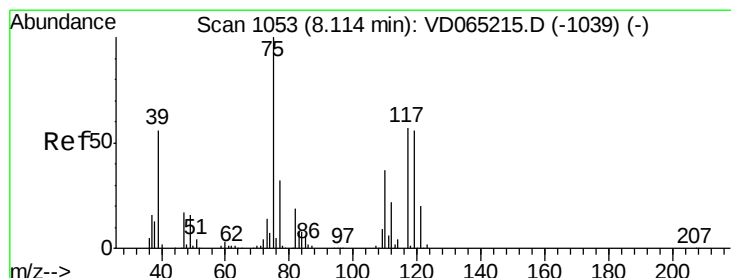
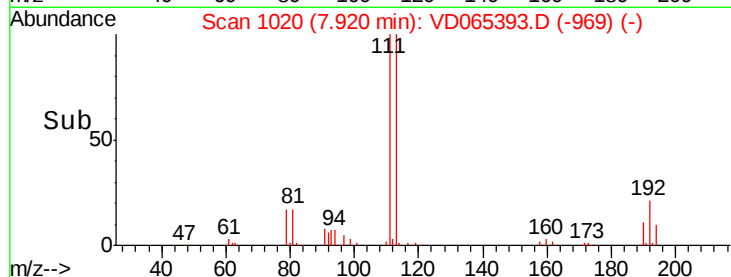
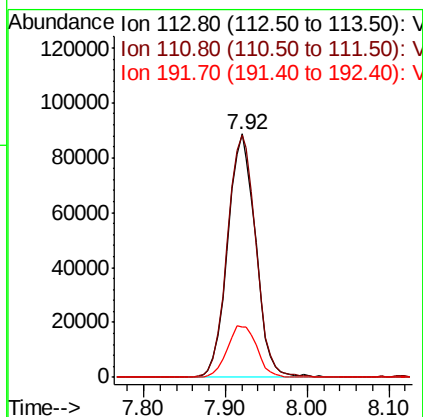
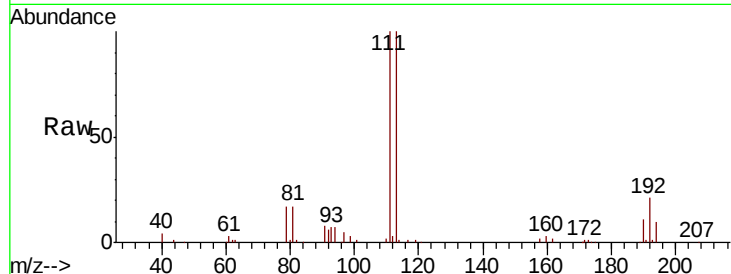




#35
 Dibromofluoromethane
 Concen: 54.526 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

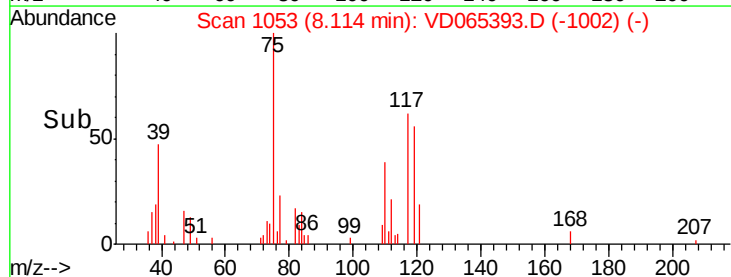
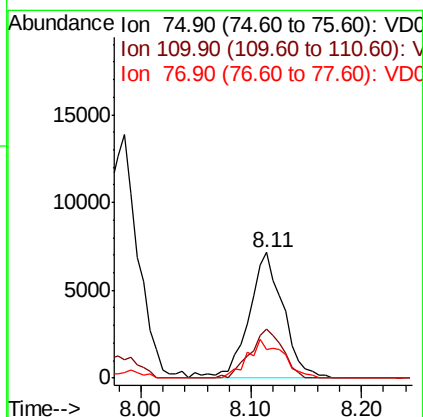
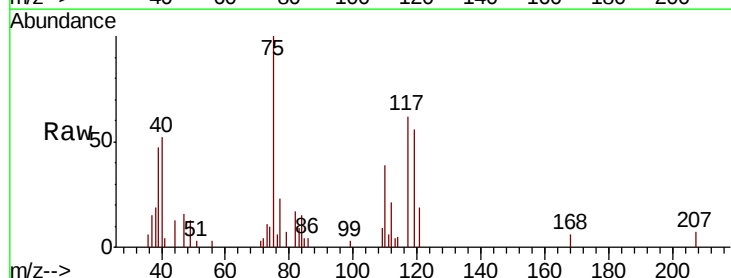
Instrument :
 MSVOA_D
 ClientSampleId :

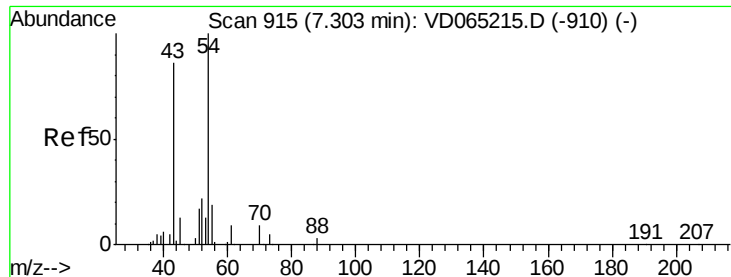
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	22.4	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 2.548 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.9	53.7
77	31.3	25.1	37.7

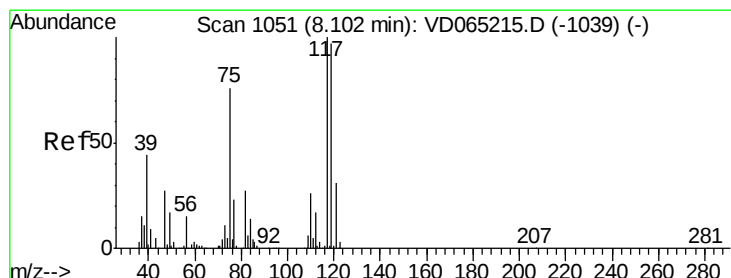
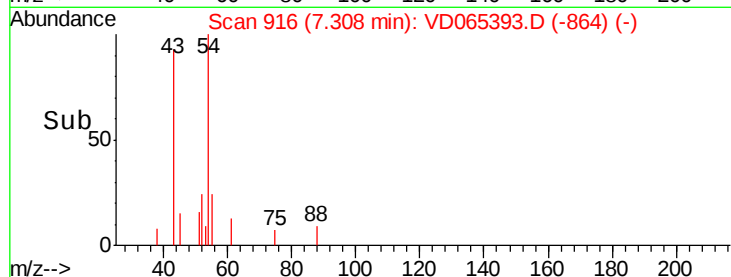
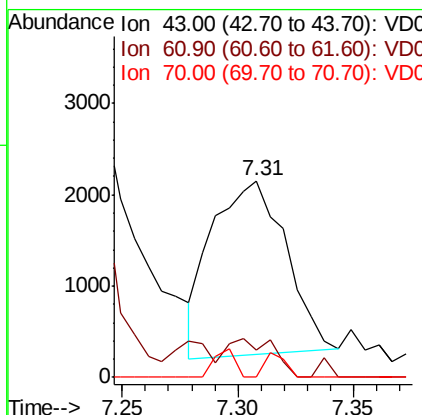
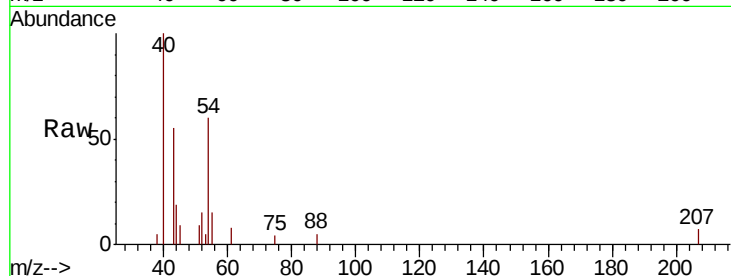




#37
Ethyl Acetate
Concen: 1.657 ug/l
RT: 7.31 min Scan# 916
Delta R.T. 0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

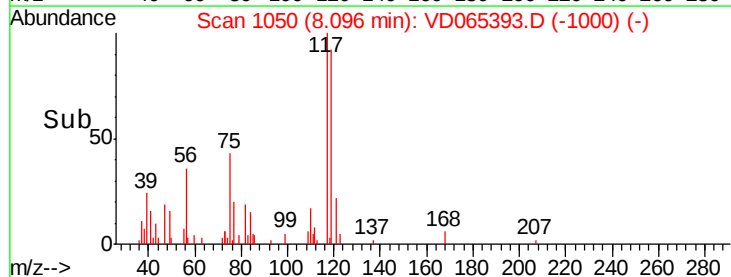
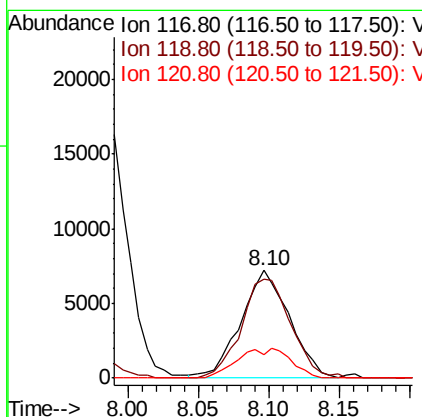
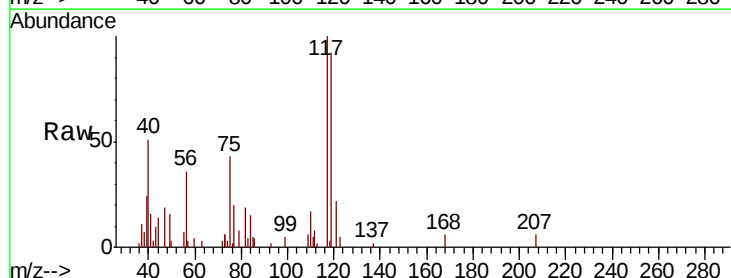
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 4267
Ion Ratio Lower Upper
43 100
61 13.9 11.2 16.8
70 4.0 8.2 12.2#



#38
Carbon Tetrachloride
Concen: 2.774 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 117 Resp: 17395
Ion Ratio Lower Upper
117 100
119 92.2 77.6 116.4
121 21.9 24.8 37.2#

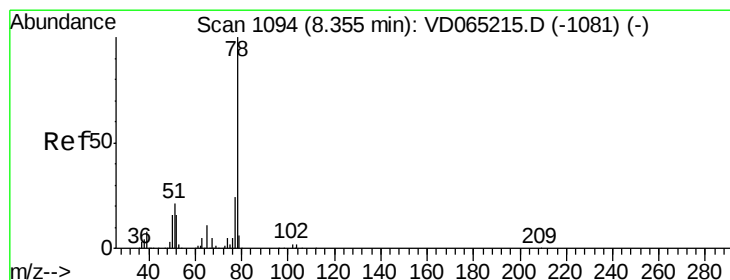
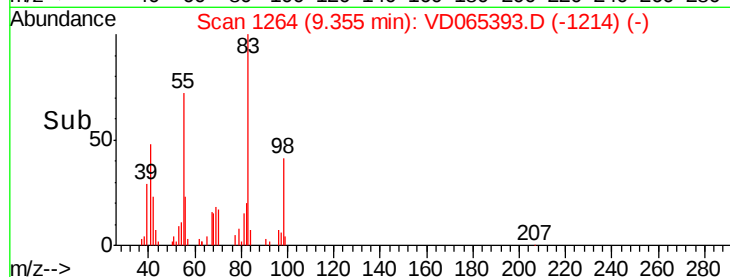
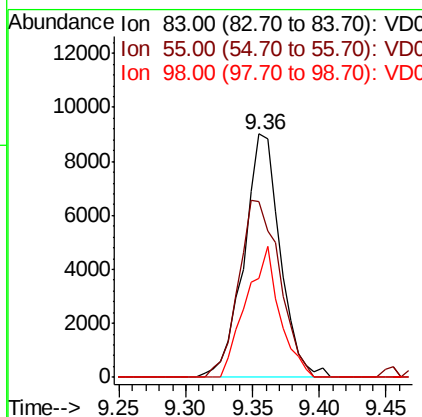
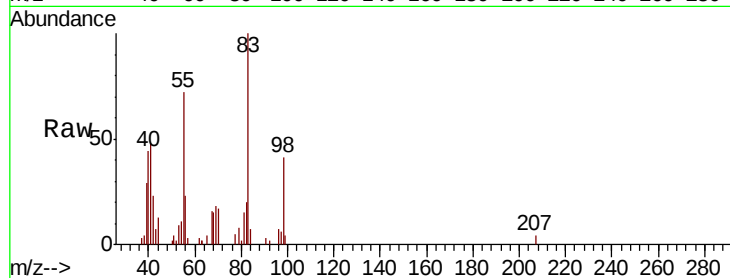




#39
Methvlcvclohexane
Concen: 2.335 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

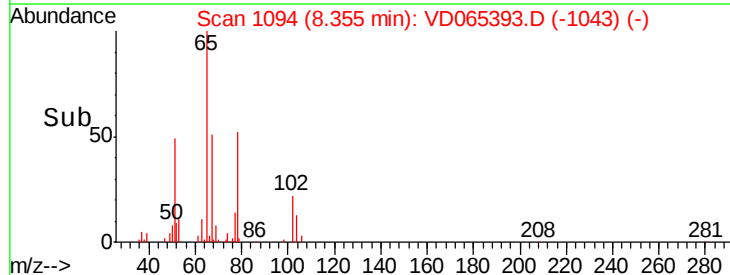
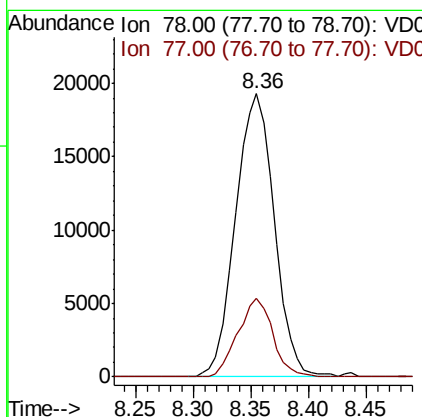
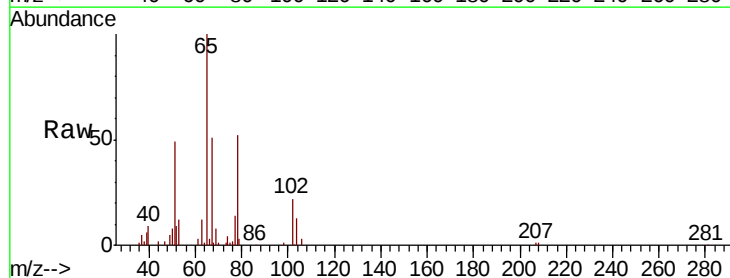
Instrument :
MSVOA_D
ClientSampleId :

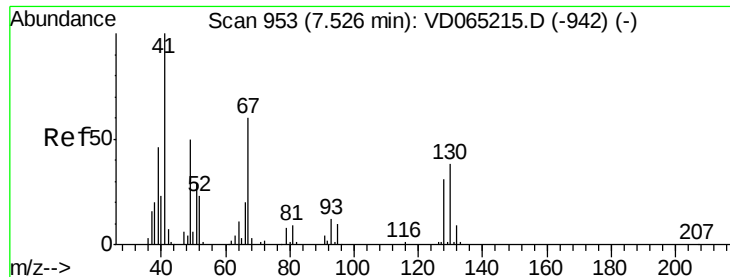
Tot Ion: 83 Resp: 16907
Ion Ratio Lower Upper
83 100
55 72.0 61.8 92.6
98 40.5 39.4 59.0



#40
Benzene
Concen: 2.585 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 78 Resp: 44935
Ion Ratio Lower Upper
78 100
77 27.9 19.0 28.6

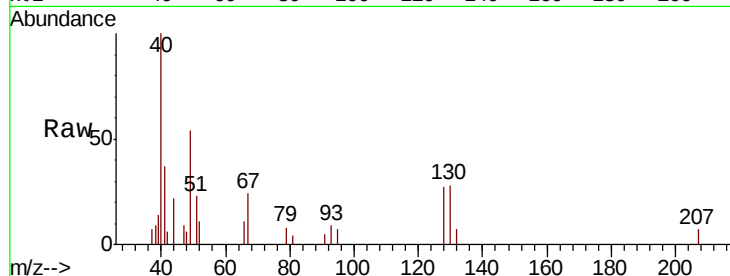




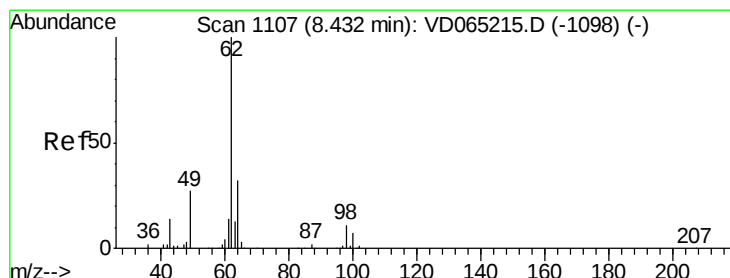
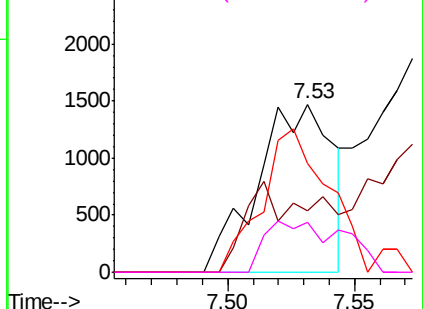
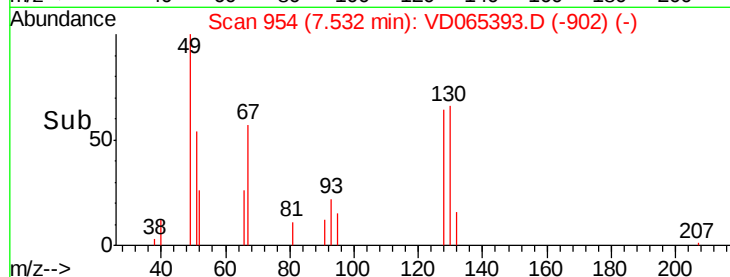
#41
Methacrylonitrile
Concen: 2.055 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 3056
Ion Ratio Lower Upper
41 100
39 36.8 48.1 72.1#
67 79.7 58.9 88.3
52 31.9 24.2 36.2

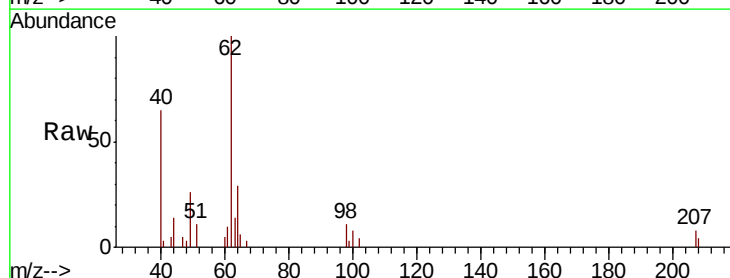


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

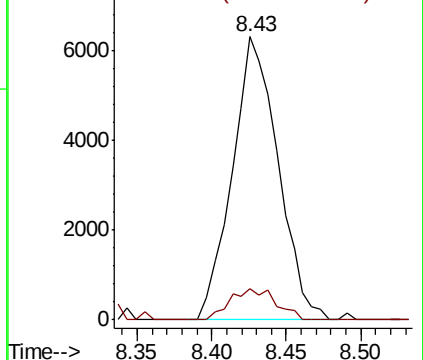
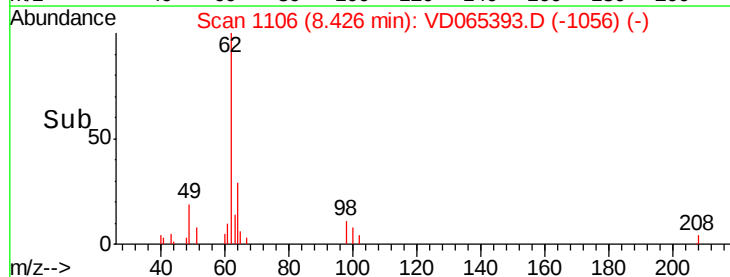


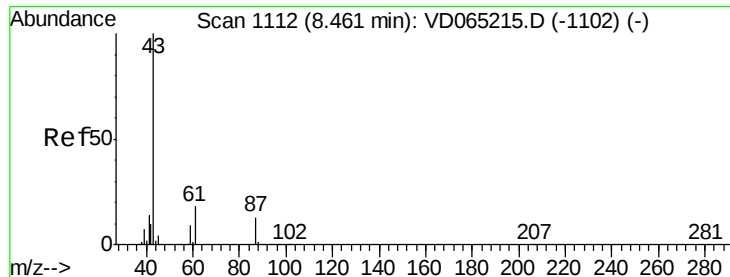
#42
1,2-Dichloroethane
Concen: 2.805 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 62 Resp: 13407
Ion Ratio Lower Upper
62 100
98 11.0 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: 2.327 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

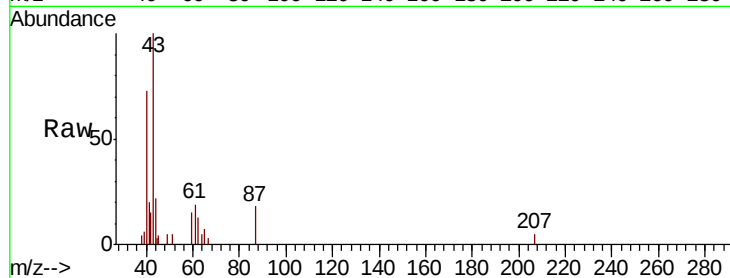
Tot Ion: 43 Resp: 10897

Ion Ratio Lower Upper

43 100

61 35.0 24.6 36.8

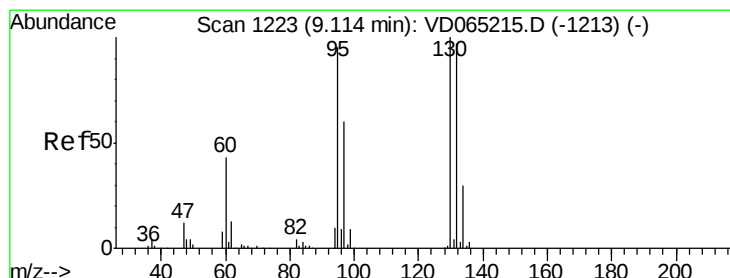
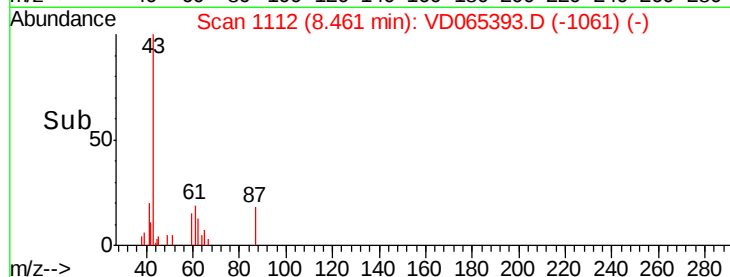
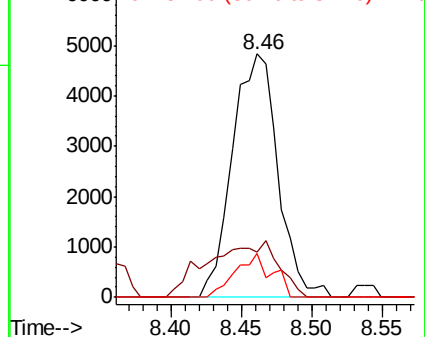
87 14.3 10.6 16.0



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: 2.679 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065393.D

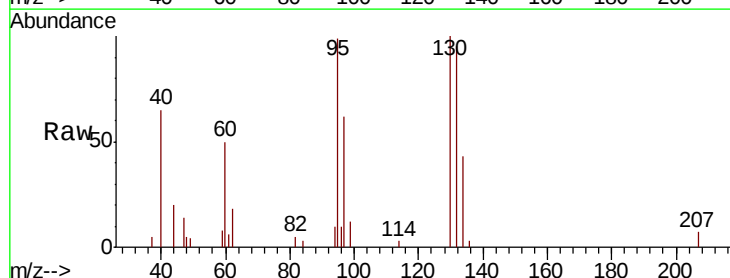
Acq: 03 Mar 2020 14:36

Tgt Ion: 130 Resp: 12911

Ion Ratio Lower Upper

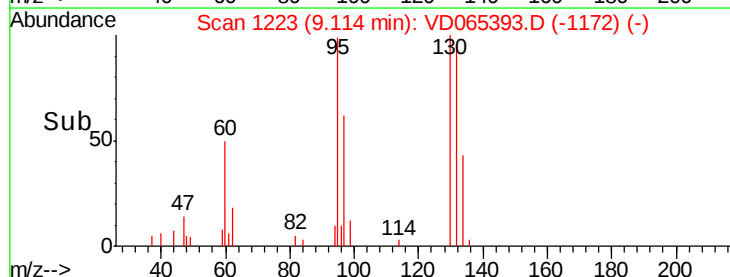
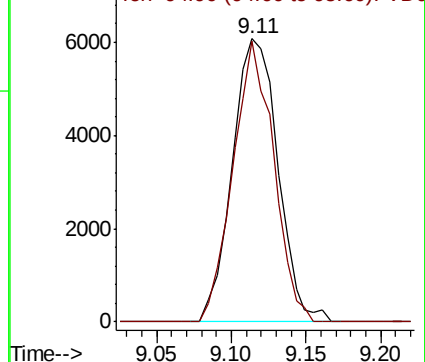
130 100

95 99.4 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 2.682 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

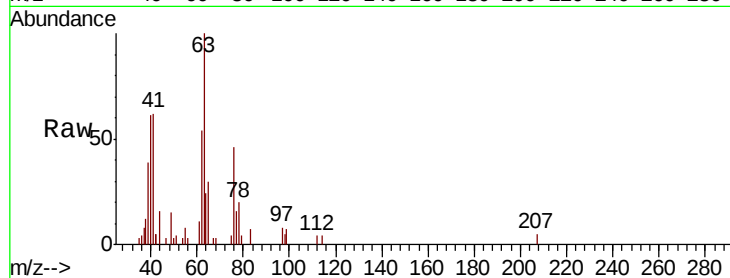
ClientSampleId :

Tot Ion: 63 Resp: 11596

Ion Ratio Lower Upper

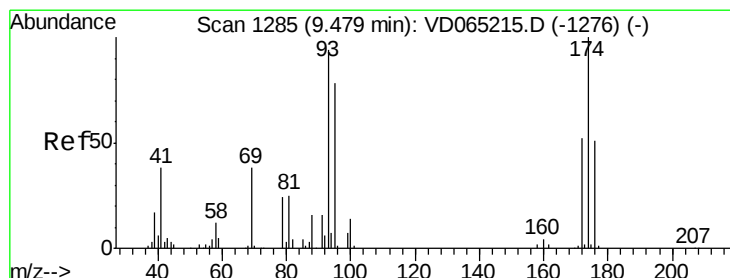
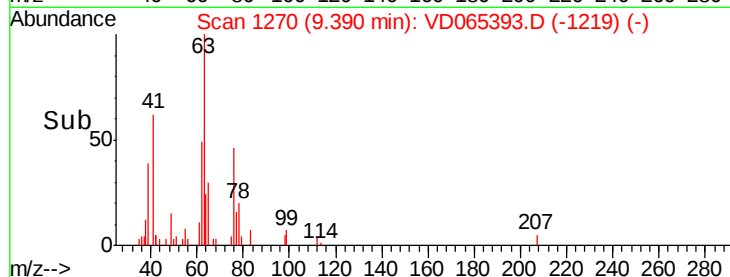
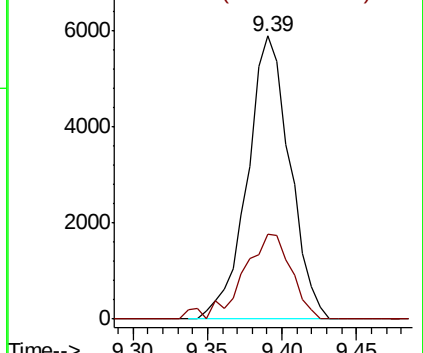
63 100

65 30.1 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 2.549 ug/l

RT: 9.48 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

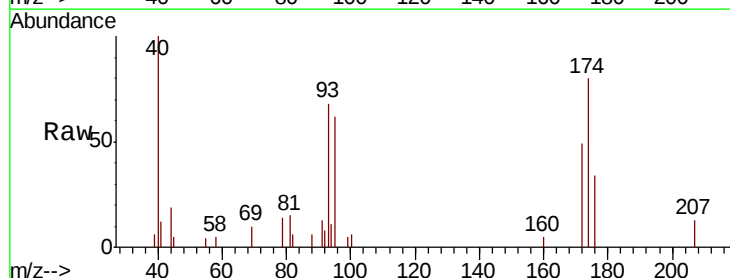
Tgt Ion: 93 Resp: 5669

Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

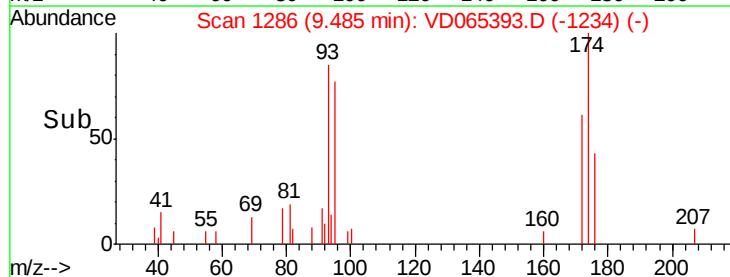
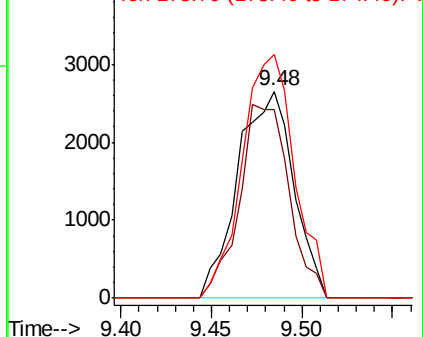
174 110.5 86.8 130.2

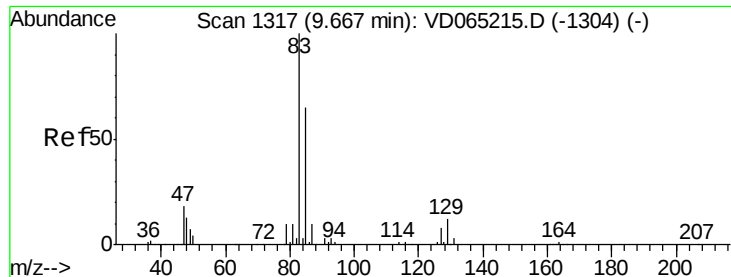


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 2.615 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

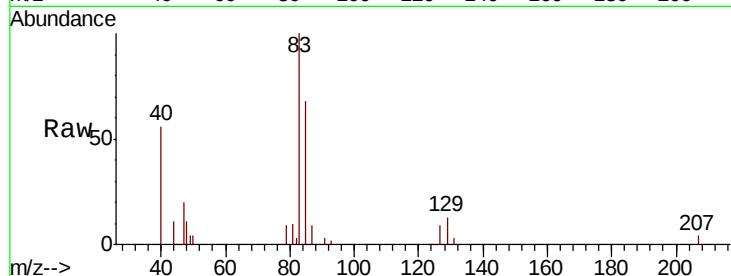
Tot Ion: 83 Resp: 15331

Ion Ratio Lower Upper

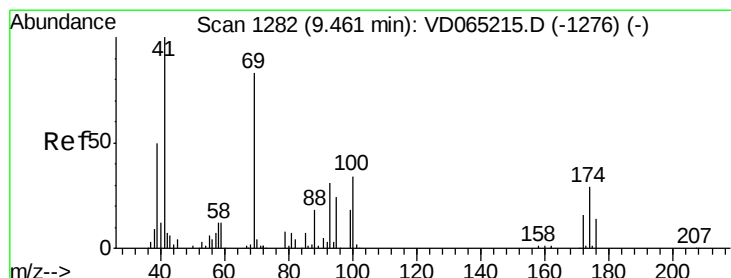
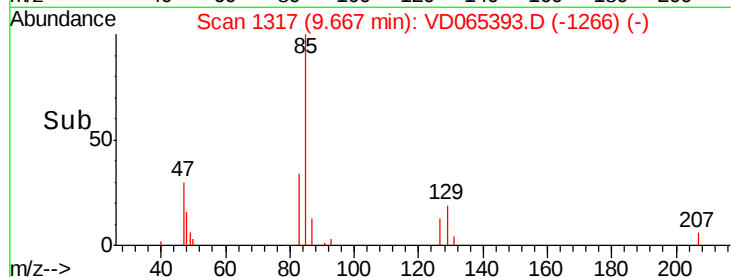
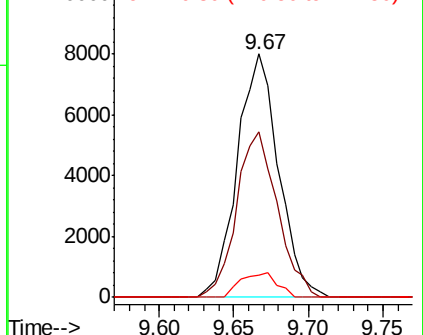
83 100

85 67.8 52.0 78.0

127 8.9 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: 2.419 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

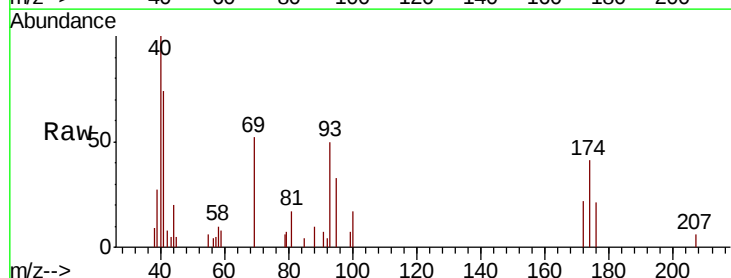
Tgt Ion: 41 Resp: 5236

Ion Ratio Lower Upper

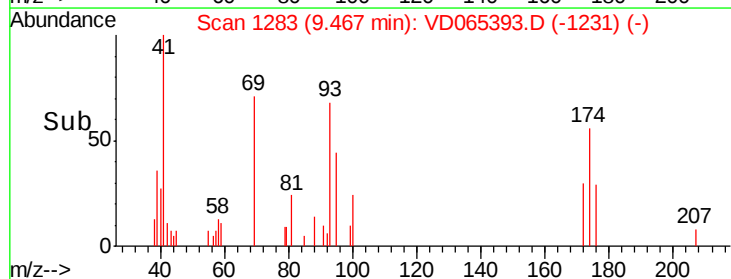
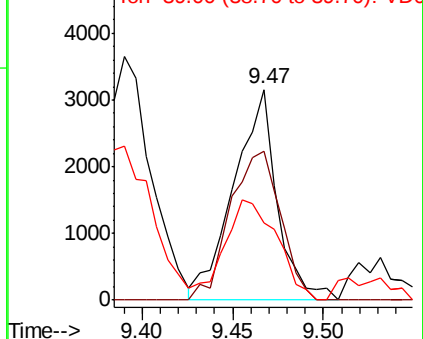
41 100

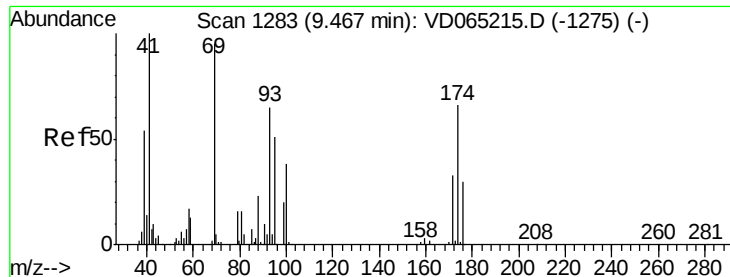
69 82.3 68.2 102.2

39 58.0 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: 43.736 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :
MSVOA_D
ClientSampled :

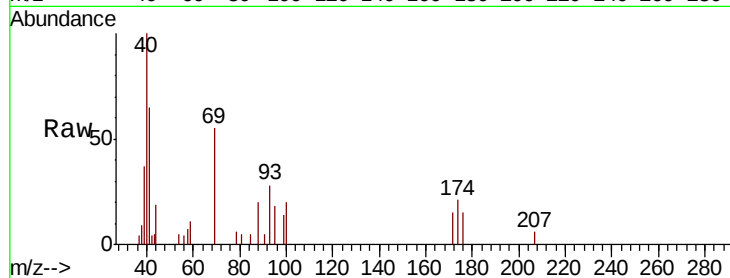
Tot Ion: 88 Resp: 1141

Ion Ratio Lower Upper

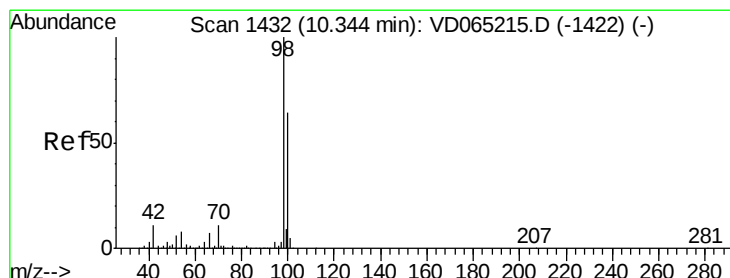
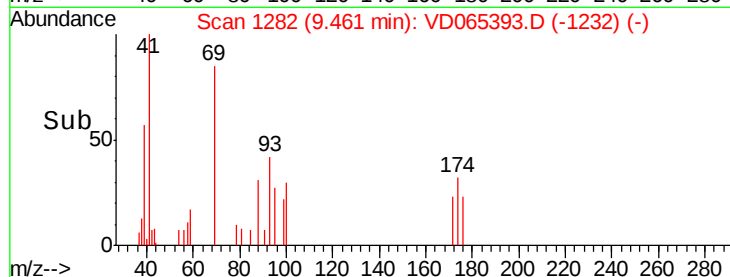
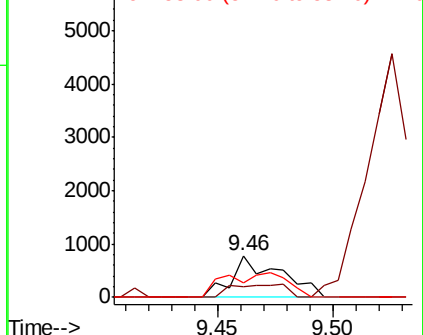
88 100

43 0.0 28.5 42.7#

58 31.8 58.6 87.8#



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



#50

Toluene-d8

Concen: 52.061 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065393.D

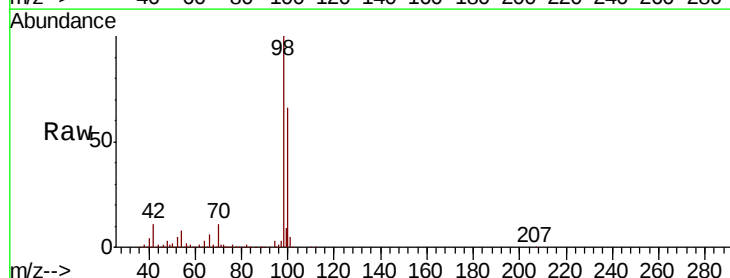
Acq: 03 Mar 2020 14:36

Tgt Ion: 98 Resp: 768225

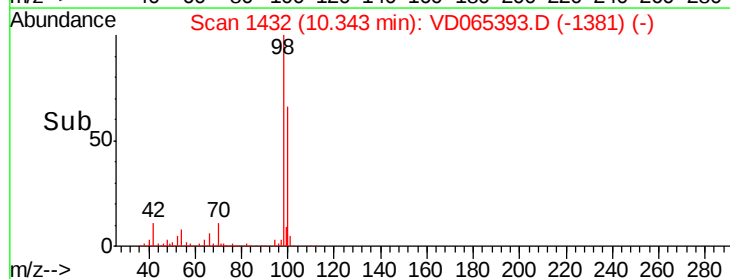
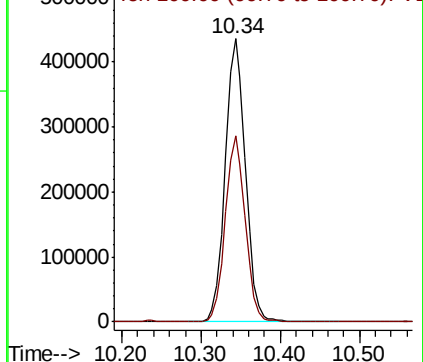
Ion Ratio Lower Upper

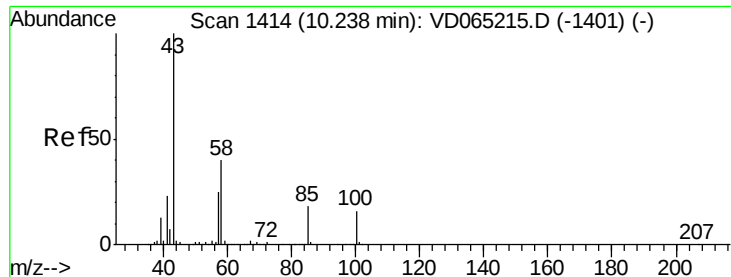
98 100

100 64.9 52.0 78.0



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

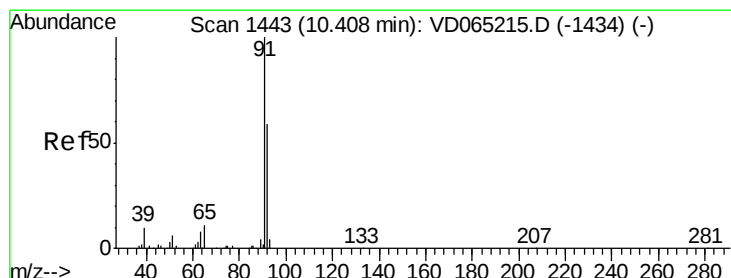
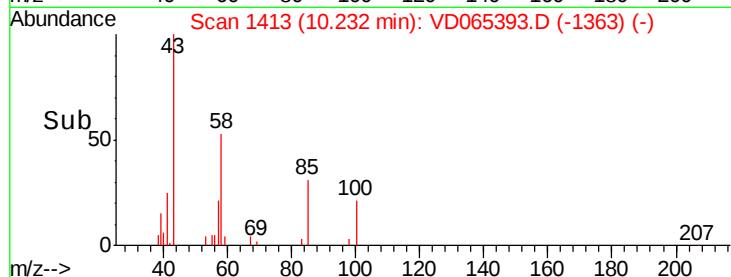
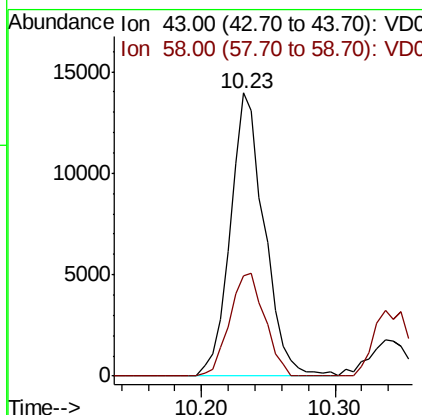
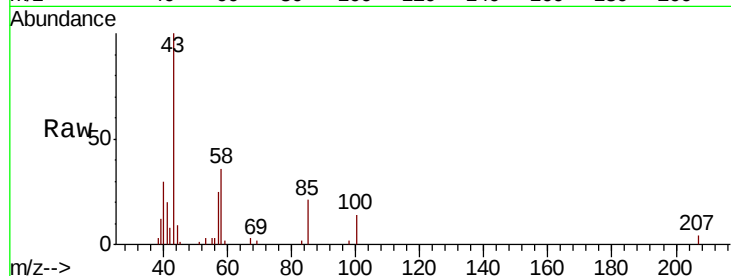




#51
4-Methyl-2-Pentanone
Concen: 10.420 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

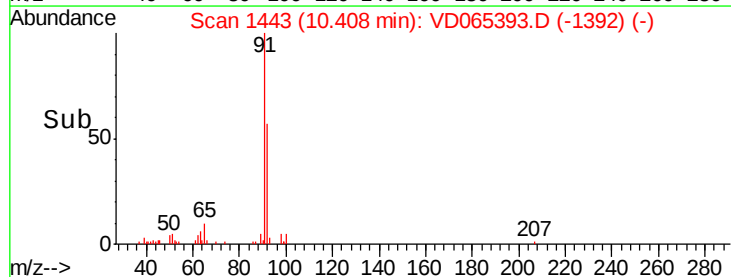
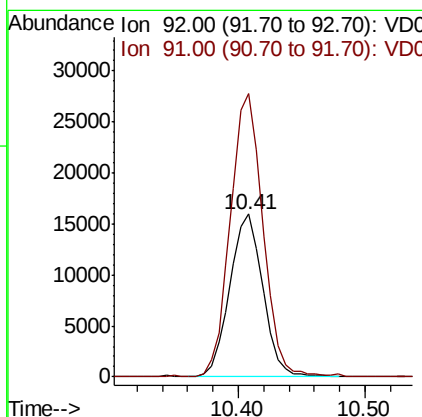
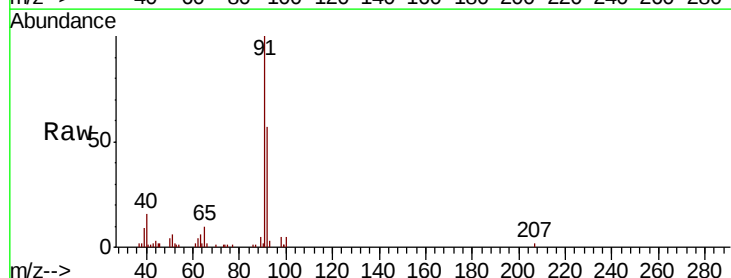
Instrument :
MSVOA_D
ClientSampleId :

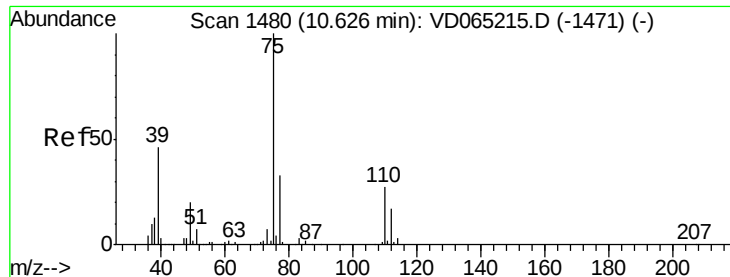
Tot Ion: 43 Resp: 24783
Ion Ratio Lower Upper
43 100
58 37.4 31.1 46.7



#52
Toluene
Concen: 2.678 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 92 Resp: 28822
Ion Ratio Lower Upper
92 100
91 171.6 136.3 204.5

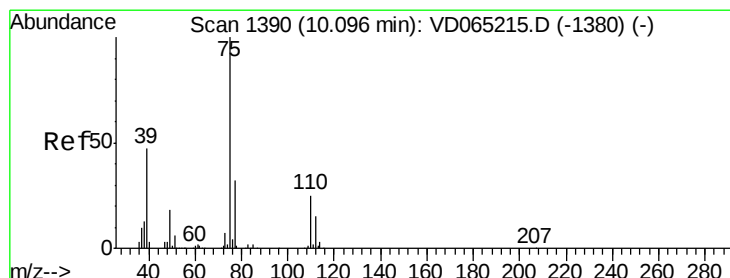
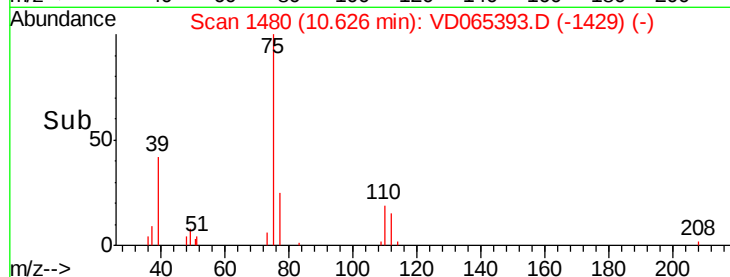
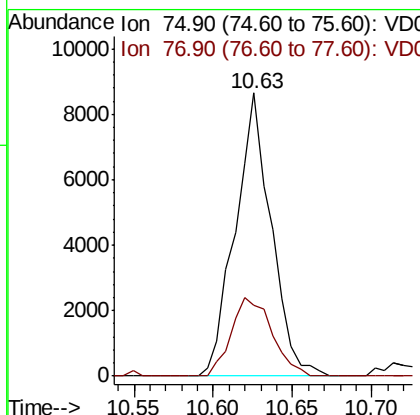
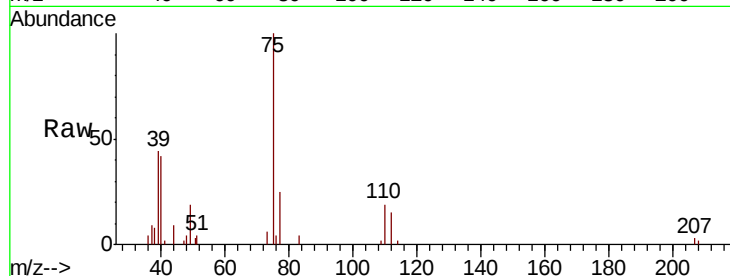




#53
t-1,3-Dichloropropene
Concen: 2.502 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

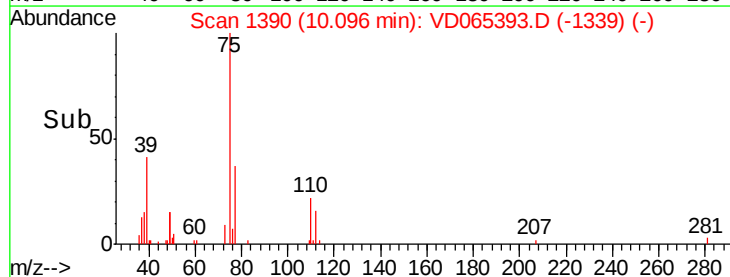
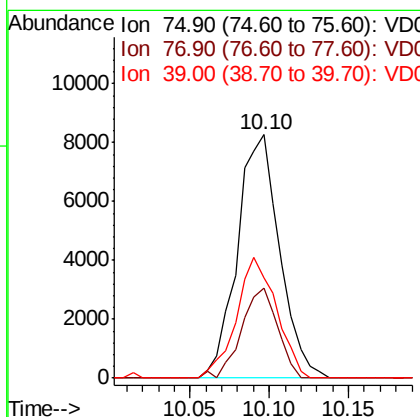
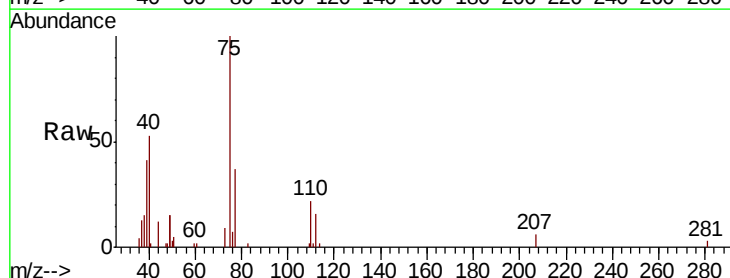
Instrument :
MSVOA_D
ClientSampleId :

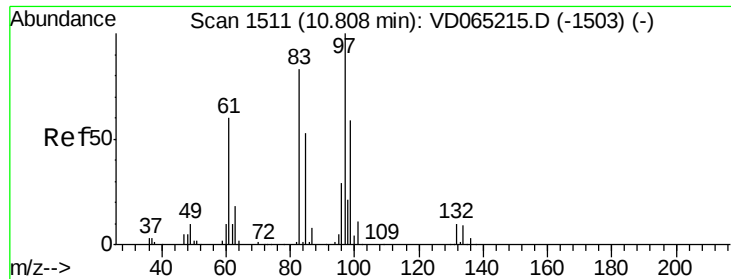
Tot Ion: 75 Resp: 13595
Ion Ratio Lower Upper
75 100
77 25.1 26.6 40.0#



#54
cis-1,3-Dichloropropene
Concen: 2.336 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 75 Resp: 15329
Ion Ratio Lower Upper
75 100
77 37.1 25.8 38.8
39 41.4 37.3 55.9

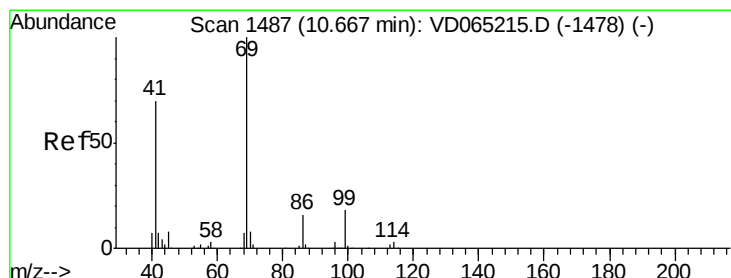
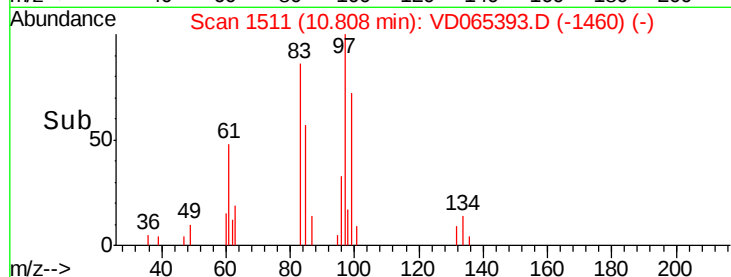
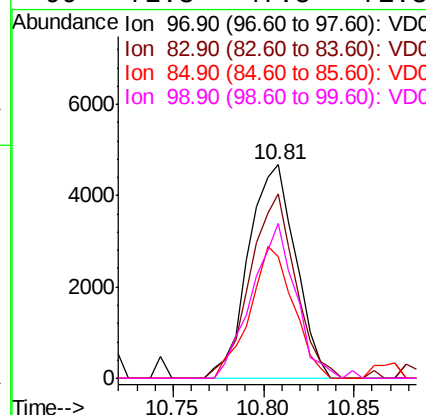
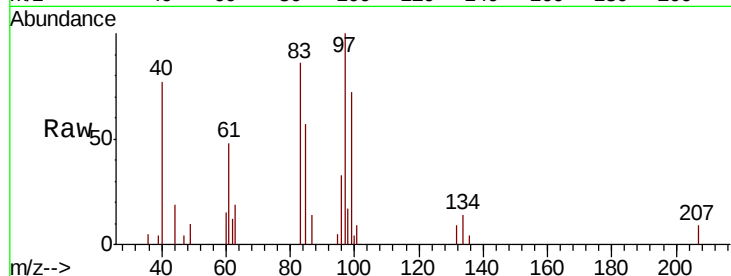




#55
 1,1,2-Trichloroethane
 Concen: 2.704 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

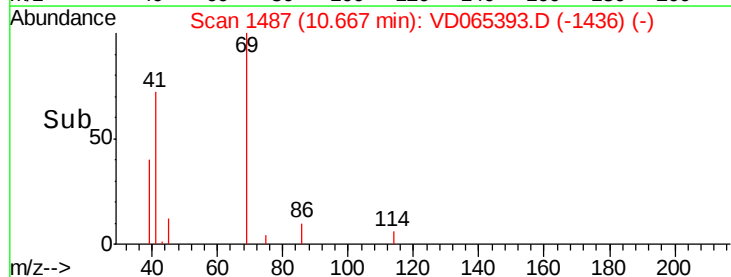
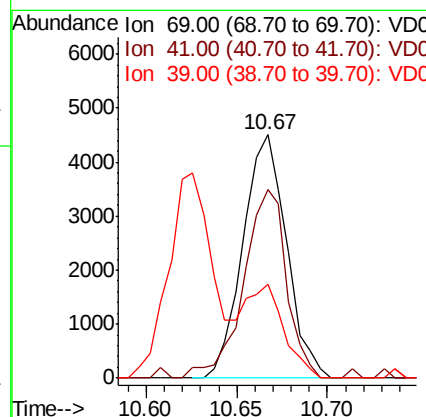
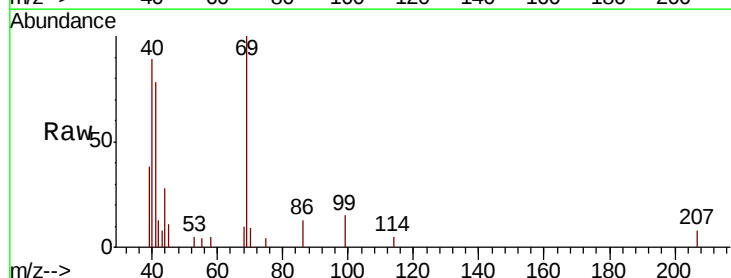
Instrument :
 MSVOA_D
 ClientSampleId :

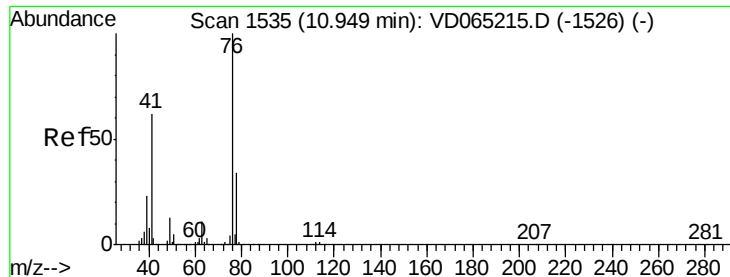
Tot Ion: 97 Resp: 8466
 Ion Ratio Lower Upper
 97 100
 83 86.5 66.7 100.1
 85 56.7 42.4 63.6
 99 72.3 47.5 71.3#



#56
 Ethyl methacrylate
 Concen: 2.077 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Tgt Ion: 69 Resp: 7507
 Ion Ratio Lower Upper
 69 100
 41 76.4 54.6 81.8
 39 33.7 26.5 39.7





#57

1,3-Dichloropropane

Concen: 2.648 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

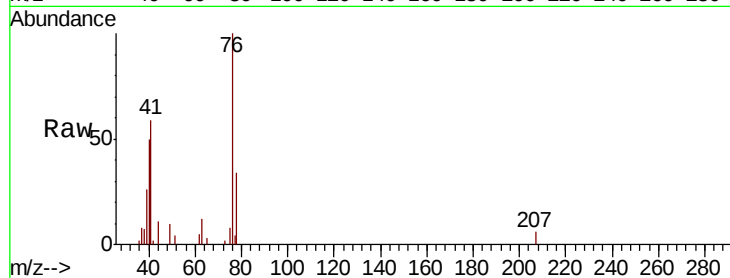
ClientSampleId :

Tot Ion: 76 Resp: 14108

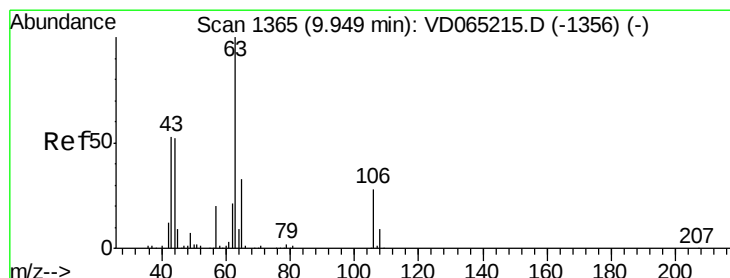
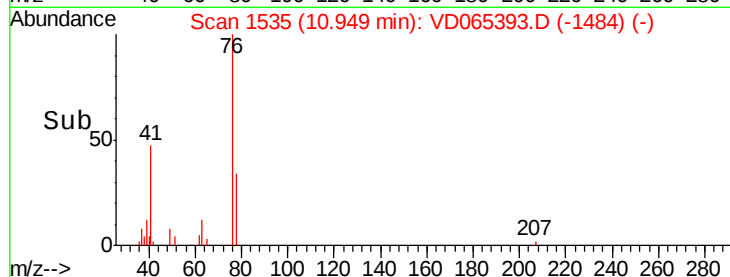
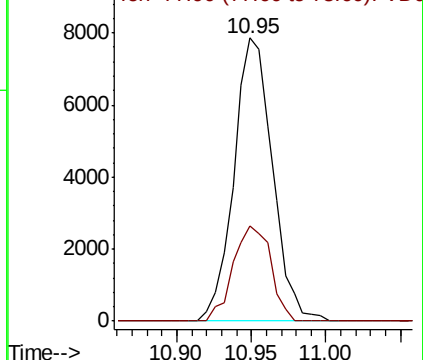
Ion Ratio Lower Upper

76 100

78 32.9 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VD065393.D (-1484) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 15.368 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065393.D

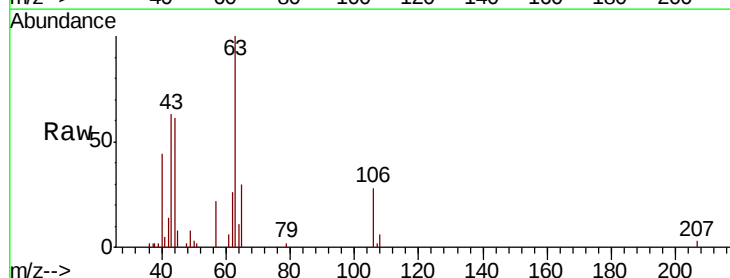
Acq: 03 Mar 2020 14:36

Tgt Ion: 63 Resp: 17509

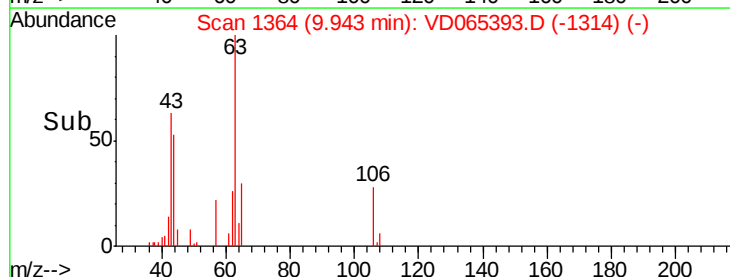
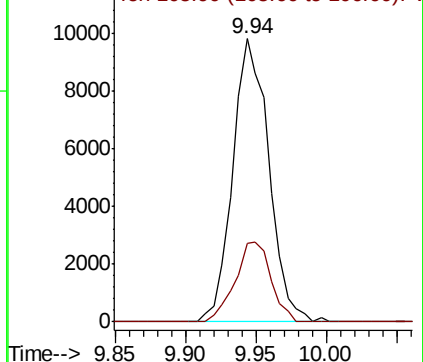
Ion Ratio Lower Upper

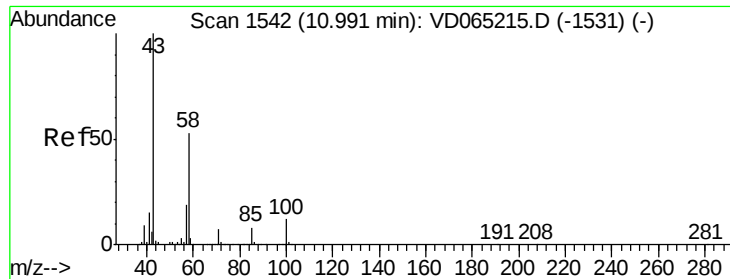
63 100

106 28.1 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VD065393.D (-1314) (-)

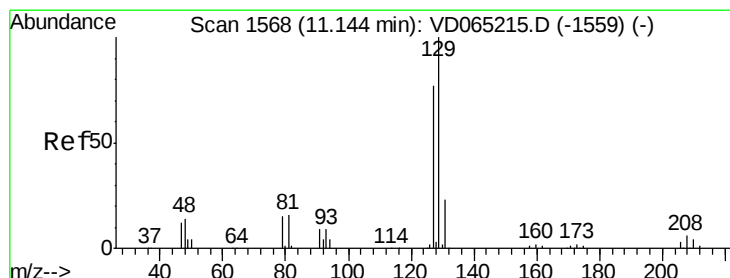
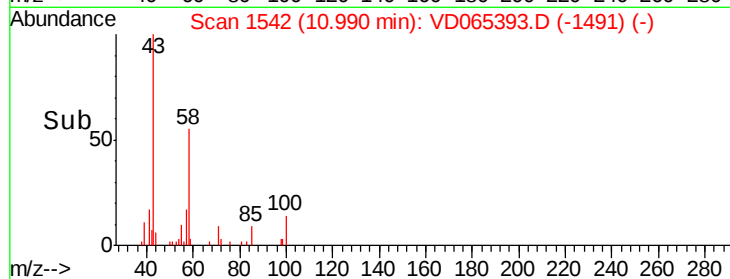
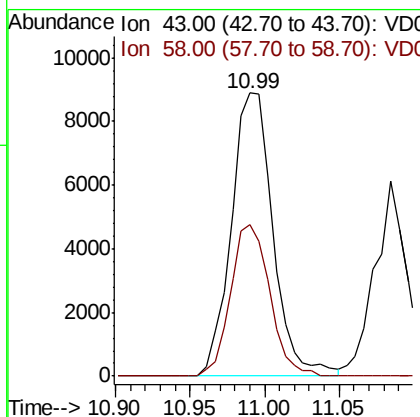
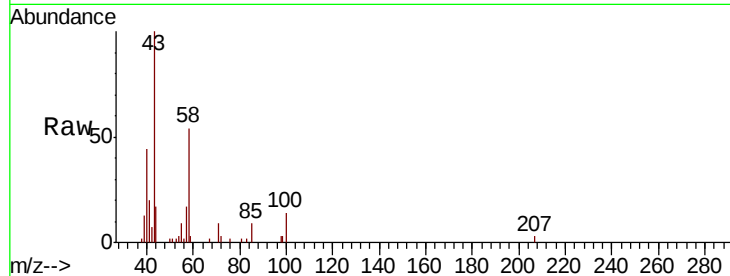




#59
2-Hexanone
Concen: 10.174 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

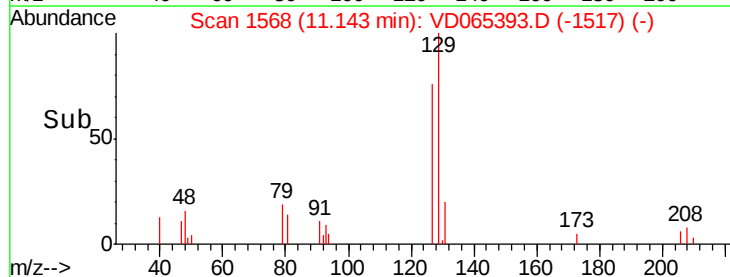
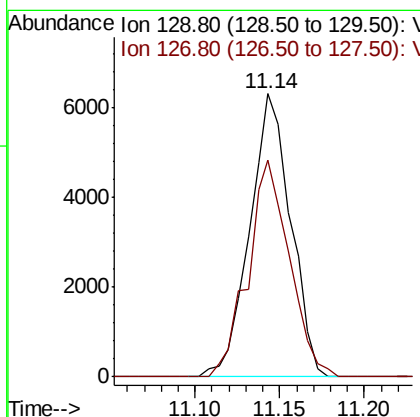
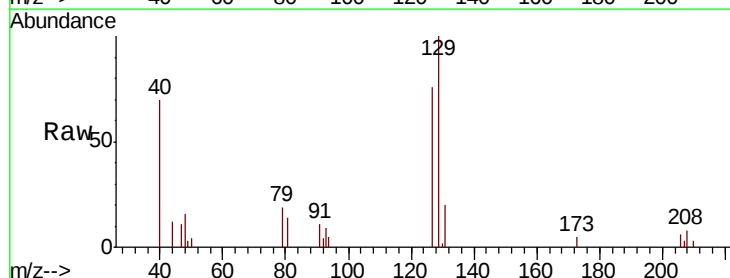
Instrument :
MSVOA_D
ClientSampleId :

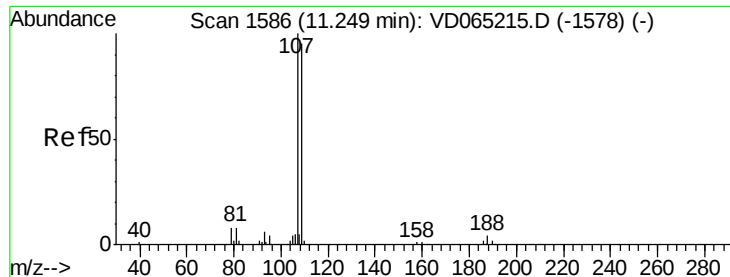
Tot Ion: 43 Resp: 17322
Ion Ratio Lower Upper
43 100
58 50.3 26.3 78.8



#60
Dibromochloromethane
Concen: 2.651 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 129 Resp: 10624
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

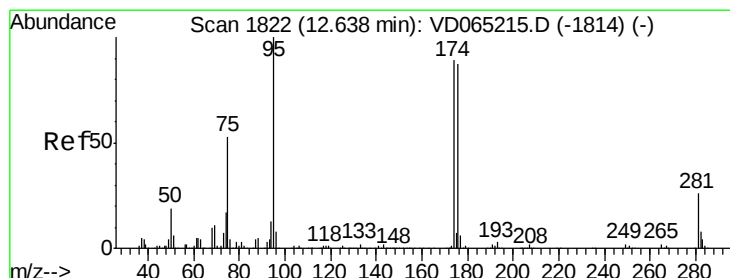
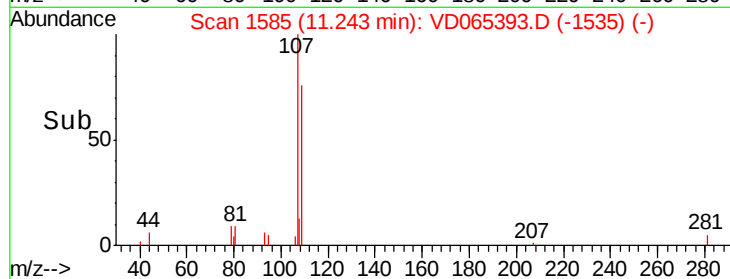
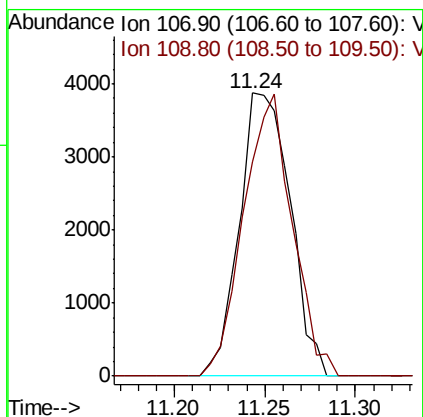
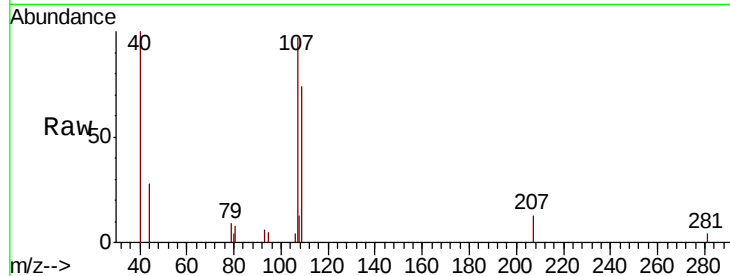




#61
 1,2-Dibromoethane
 Concen: 2.556 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

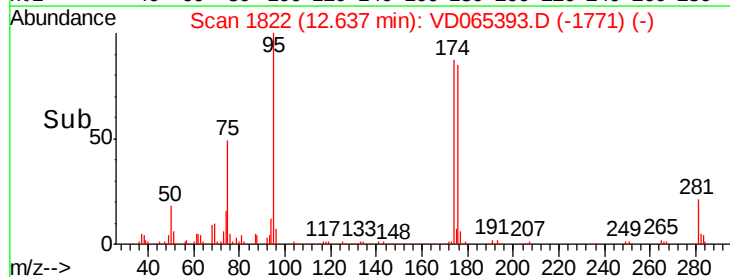
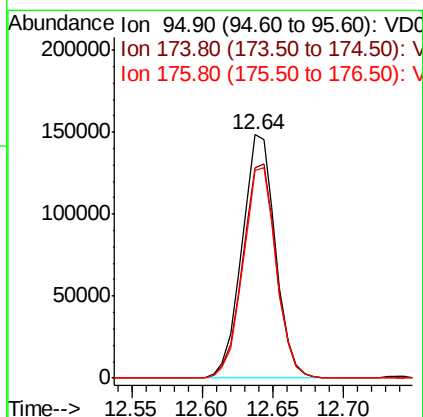
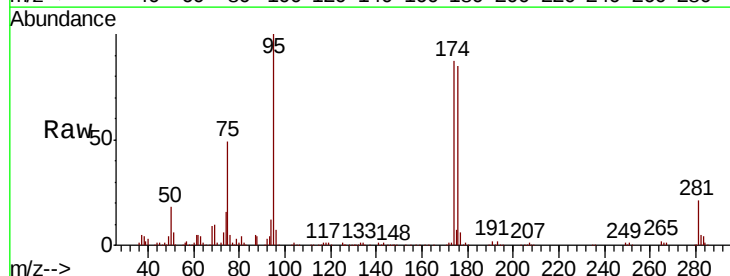
Instrument :
 MSVOA_D
 ClientSampleId :

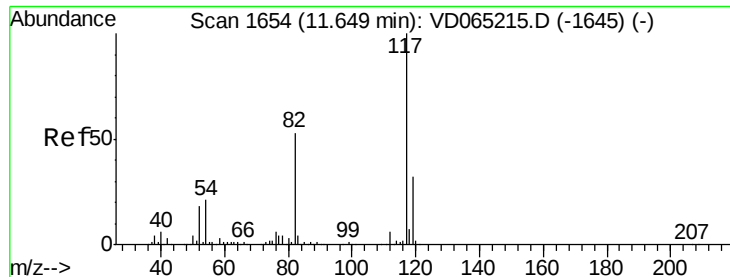
Tot Ion: 107 Resp: 7578
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 52.662 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Tgt Ion: 95 Resp: 246179
 Ion Ratio Lower Upper
 95 100
 174 88.6 0.0 178.0
 176 86.3 0.0 174.4

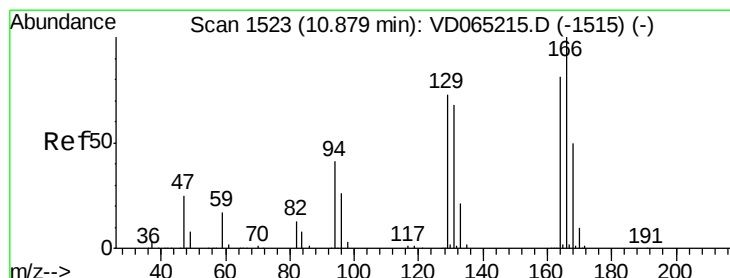
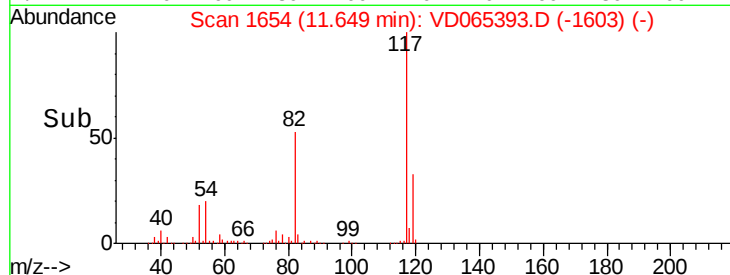
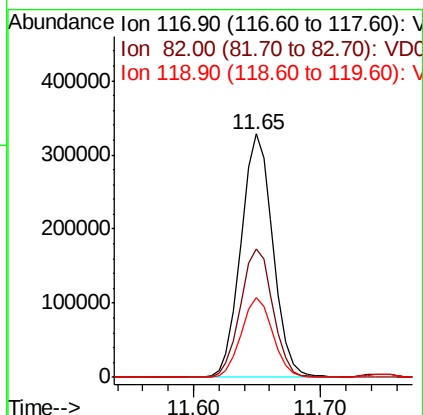
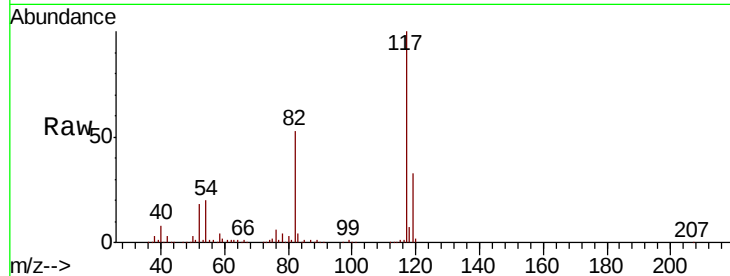




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

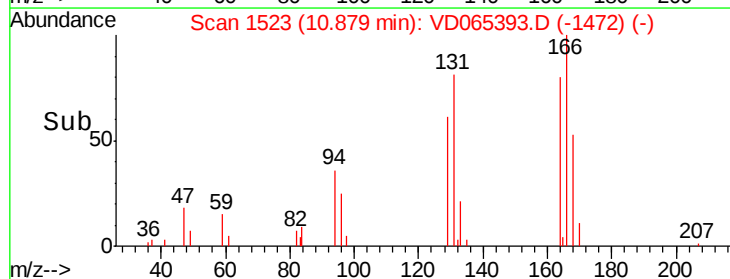
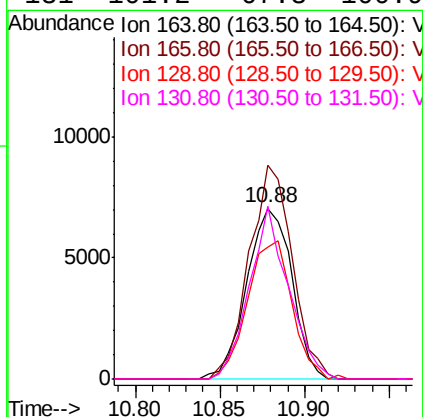
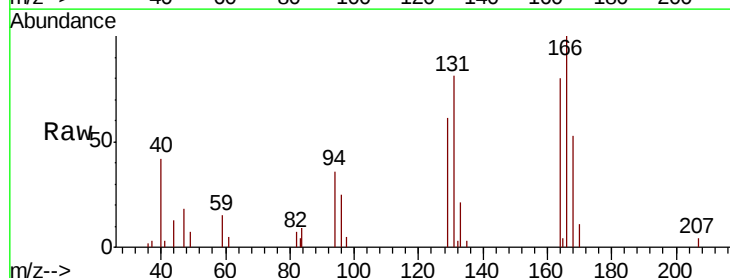
Instrument :
MSVOA_D
ClientSampled :

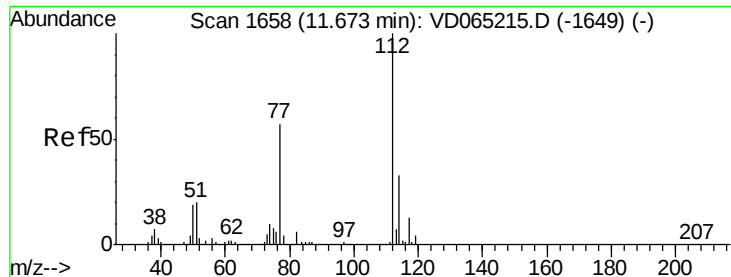
Tot Ion:117 Resp: 574450
Ion Ratio Lower Upper
117 100
82 52.9 42.7 64.1
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 3.186 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion:164 Resp: 12981
Ion Ratio Lower Upper
164 100
166 125.2 98.4 147.6
129 77.0 71.6 107.4
131 101.2 67.3 100.9#

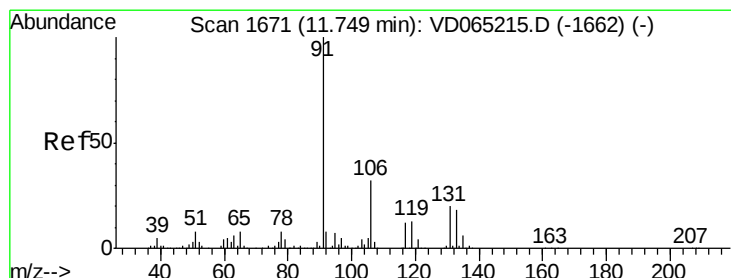
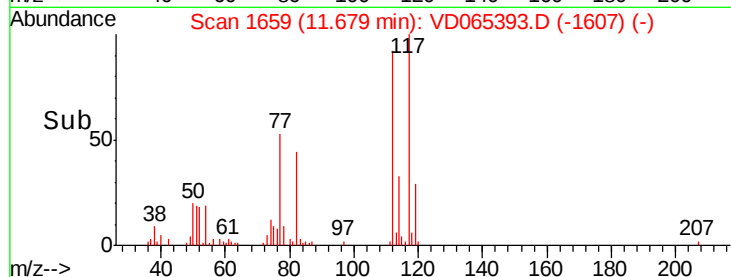
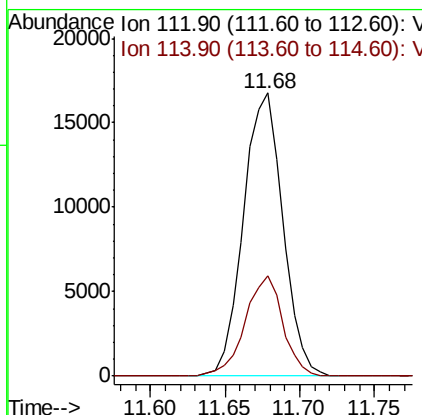
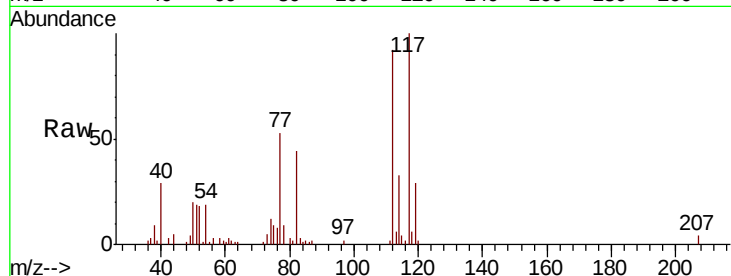




#65
Chlorobenzene
Concen: 2.657 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

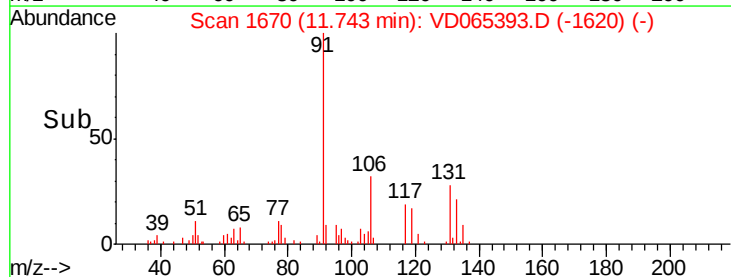
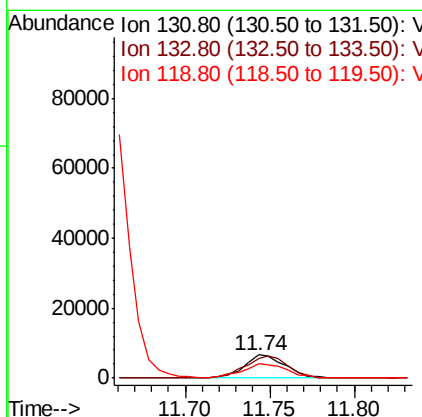
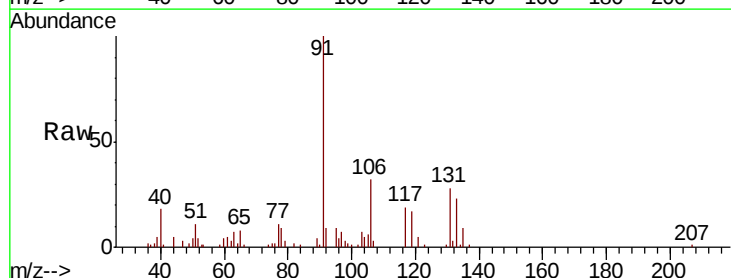
Instrument :
MSVOA_D
ClientSampled :

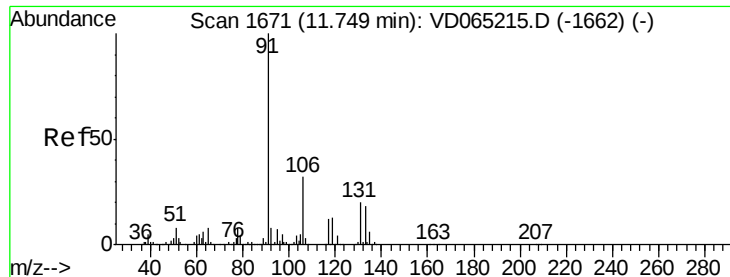
Tot Ion:112 Resp: 30626
Ion Ratio Lower Upper
112 100
114 35.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.569 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion:131 Resp: 11051
Ion Ratio Lower Upper
131 100
133 101.1 47.7 143.1
119 68.7 32.7 98.1

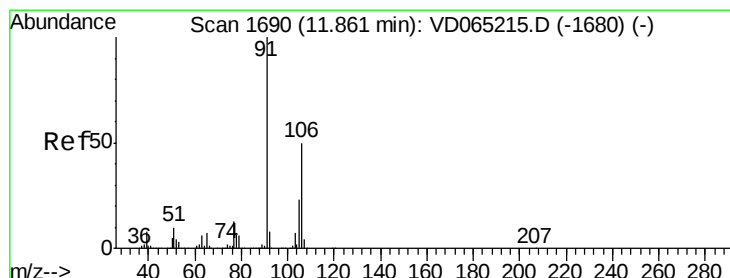
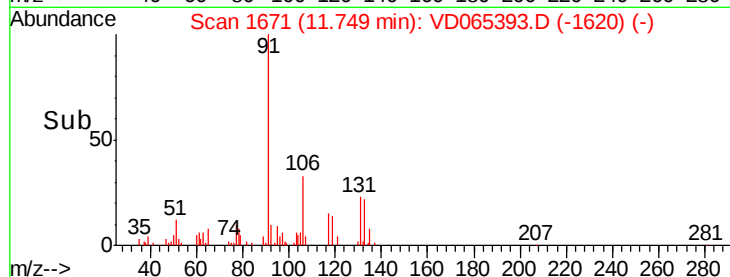
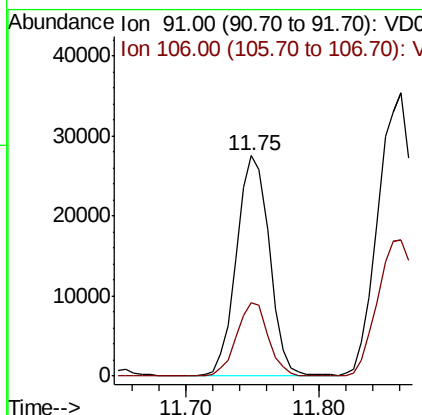
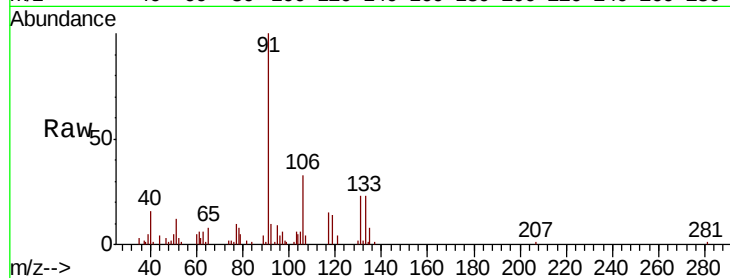




#67
Ethyl Benzene
Concen: 2.333 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

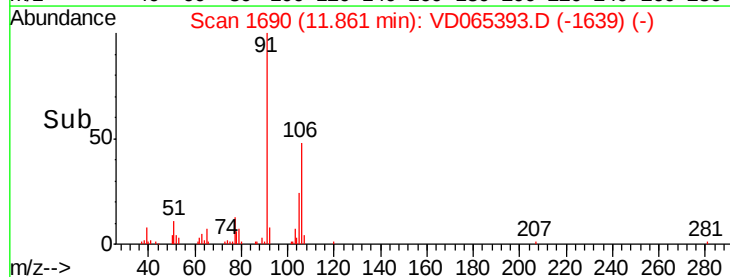
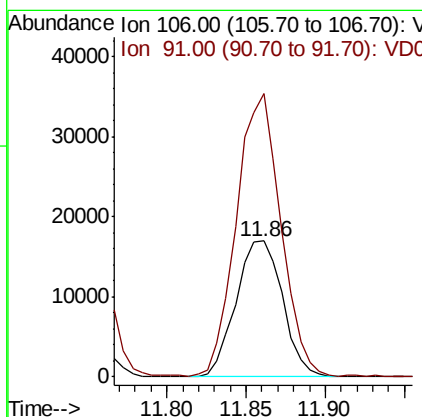
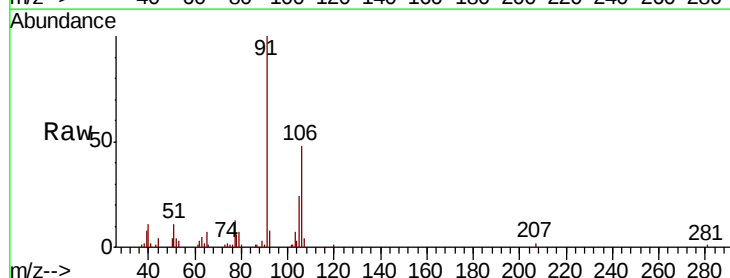
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 91 Resp: 47103
Ion Ratio Lower Upper
91 100
106 33.4 25.2 37.8



#68
m/p-Xylenes
Concen: 4.480 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 106 Resp: 34603
Ion Ratio Lower Upper
106 100
91 199.3 158.2 237.4

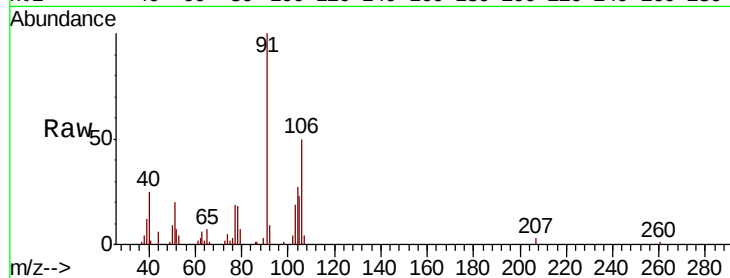




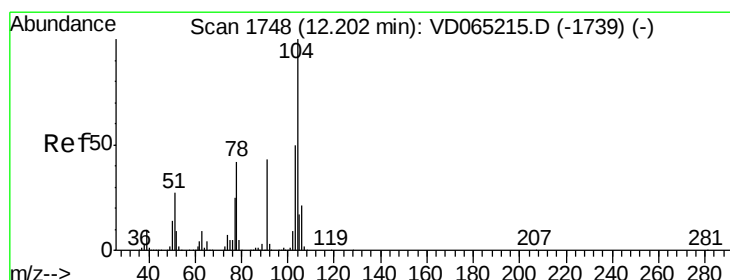
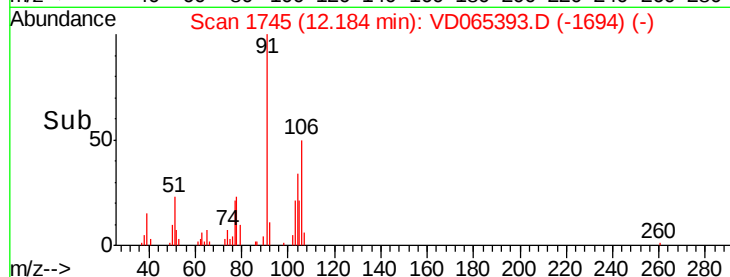
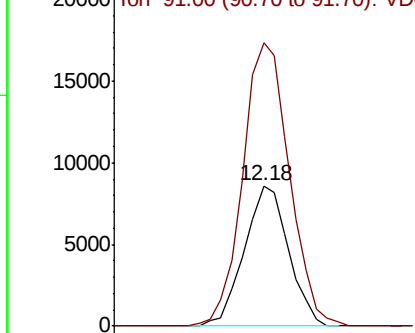
#69
o-Xylene
Concen: 2.126 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 14552
Ion Ratio Lower Upper
106 100
91 212.9 104.7 313.9

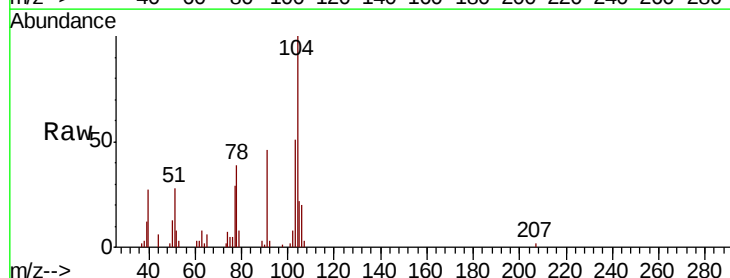


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

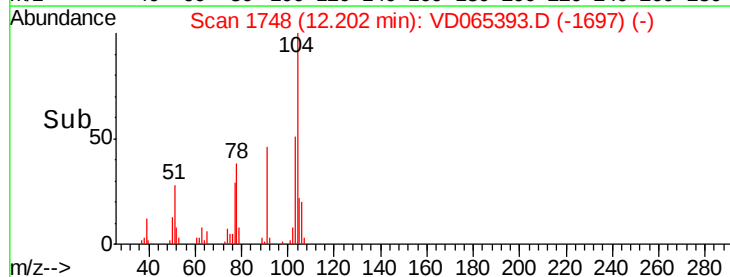
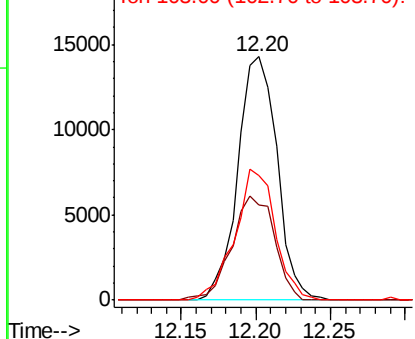


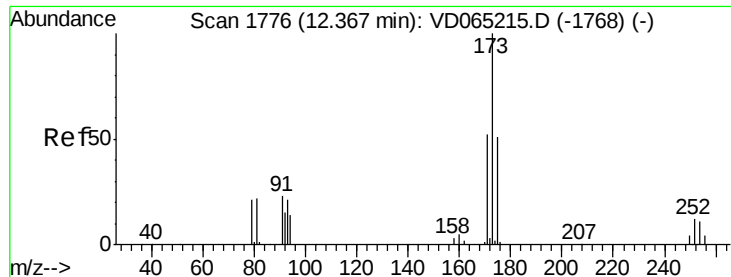
#70
Styrene
Concen: 2.150 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion:104 Resp: 26118
Ion Ratio Lower Upper
104 100
78 46.4 37.8 56.6
103 55.1 43.4 65.2



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

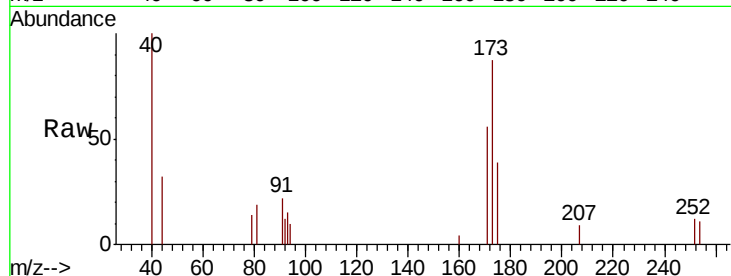




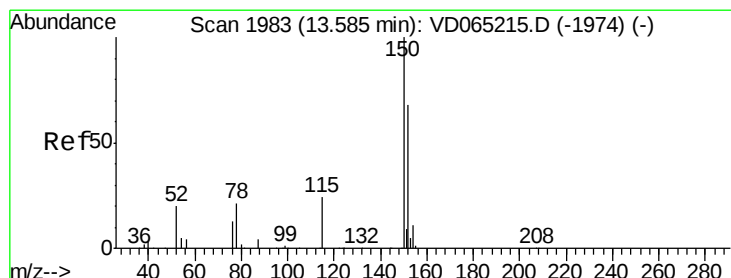
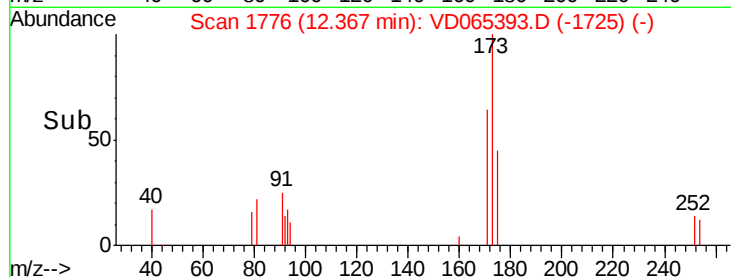
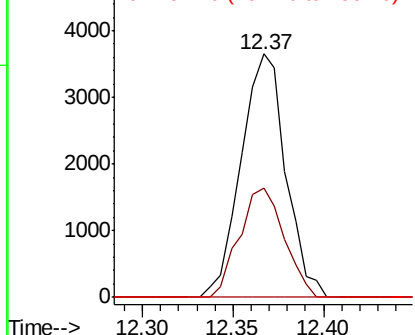
#71
Bromoform
Concen: 2.621 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:173 Resp: 6256
Ion Ratio Lower Upper
173 100
175 44.9 24.4 73.4
254 0.0 0.0 0.0

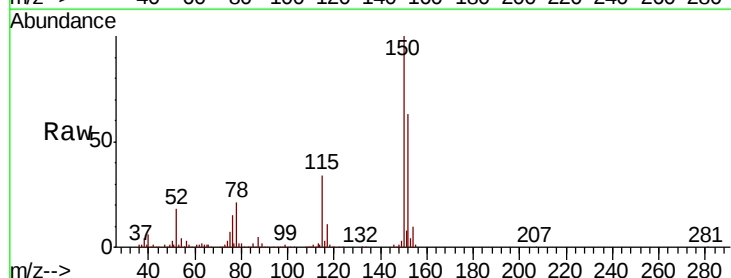


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

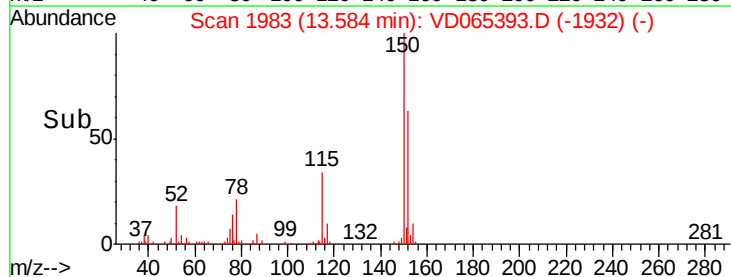
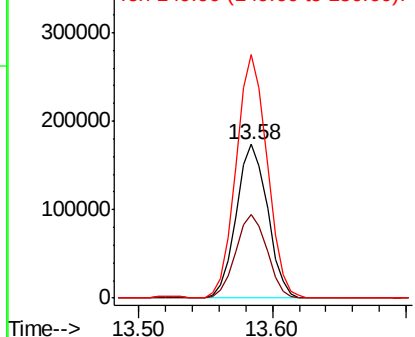


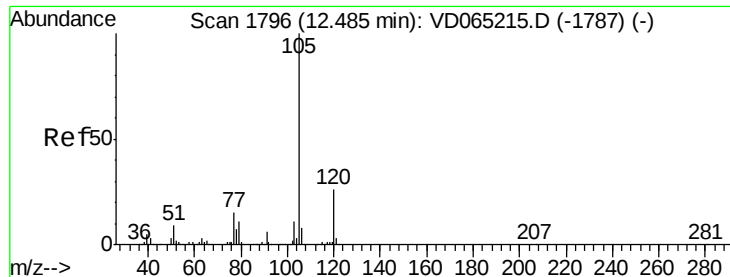
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion:152 Resp: 281938
Ion Ratio Lower Upper
152 100
115 54.7 27.6 82.8
150 157.5 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: 2.092 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

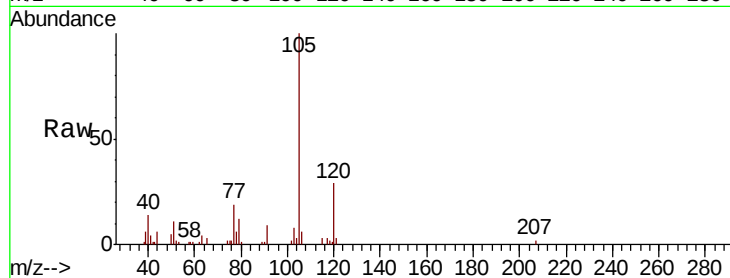
ClientSampleId :

Tot Ion: 105 Resp: 39041

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

25000

20000

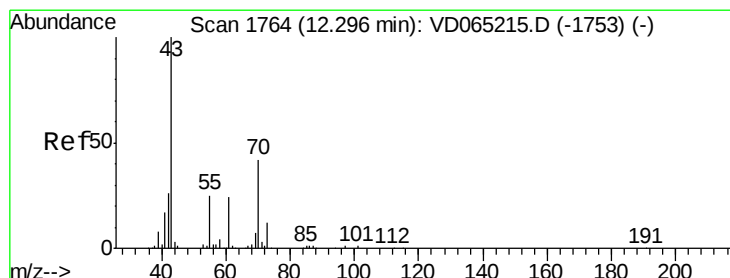
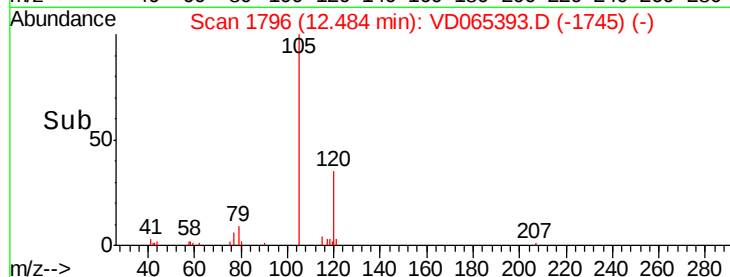
15000

10000

5000

0

Time--> 12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 1.993 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Tgt Ion: 43 Resp: 8265

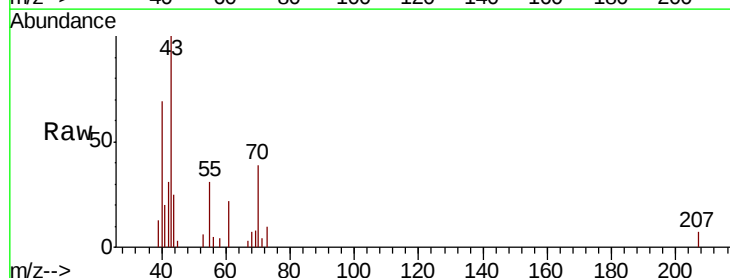
Ion Ratio Lower Upper

43 100

70 43.2 33.7 50.5

55 30.5 20.7 31.1

61 21.5 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

8000

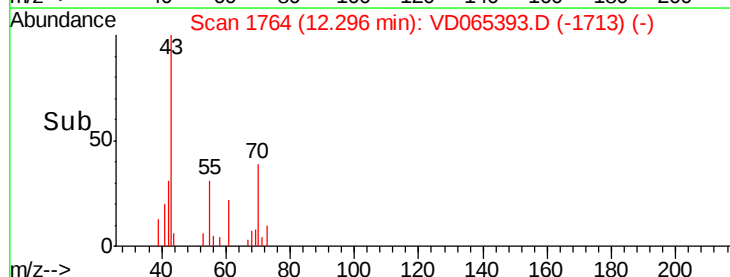
6000

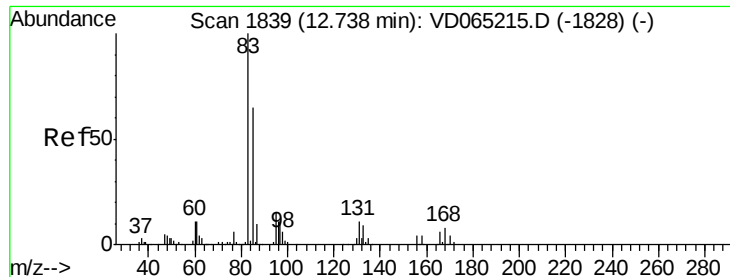
4000

2000

0

Time--> 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 2.696 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

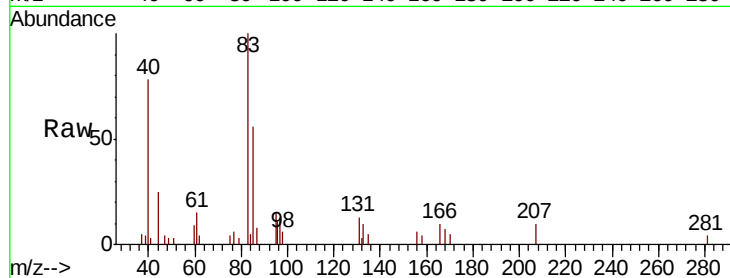
Tot Ion: 83 Resp: 9081

Ion Ratio Lower Upper

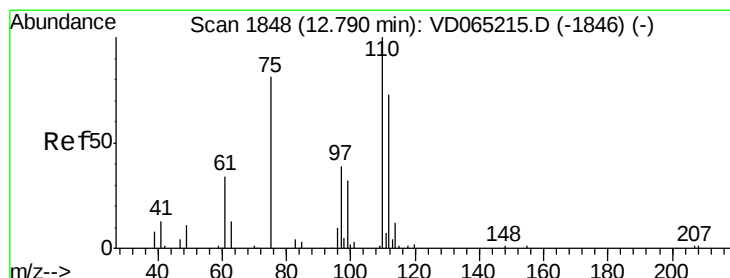
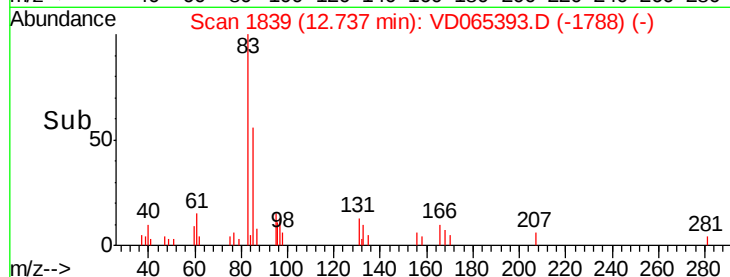
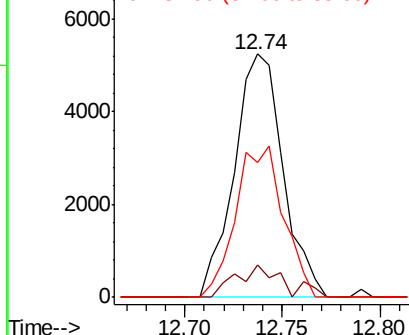
83 100

131 13.1 5.4 16.2

85 60.8 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: 4.800 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065393.D

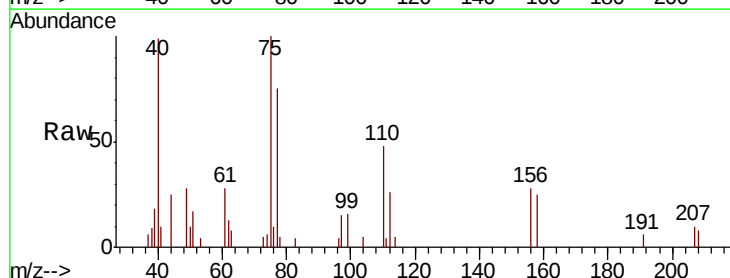
Acq: 03 Mar 2020 14:36

Tgt Ion: 75 Resp: 11515

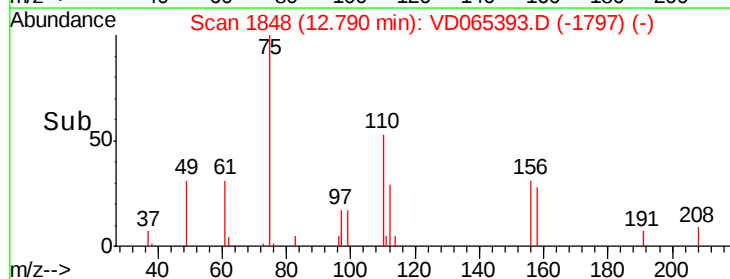
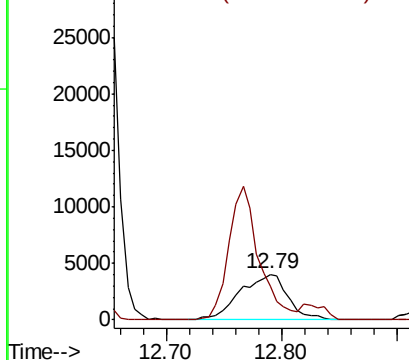
Ion Ratio Lower Upper

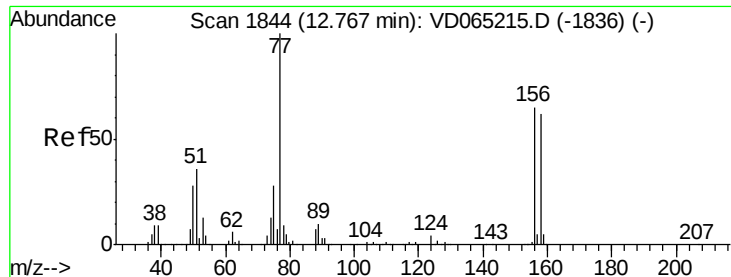
75 100

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: 2.661 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

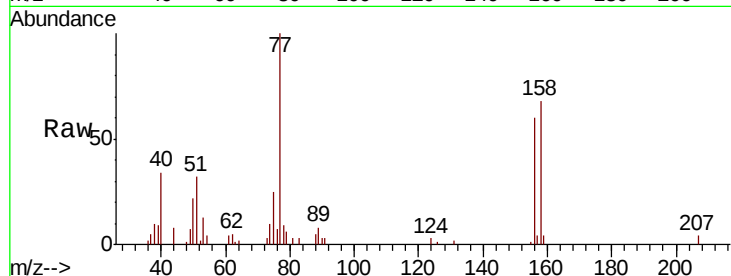
Tot Ion:156 Resp: 12333

Ion Ratio Lower Upper

156 100

77 175.7 86.6 259.7

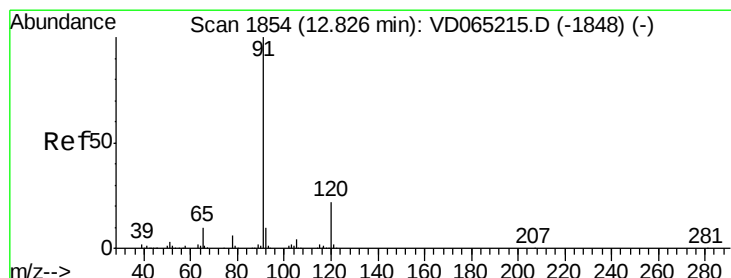
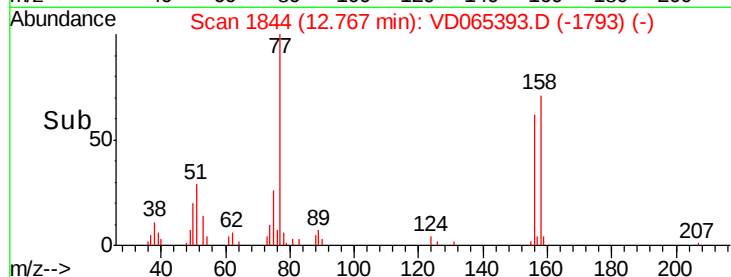
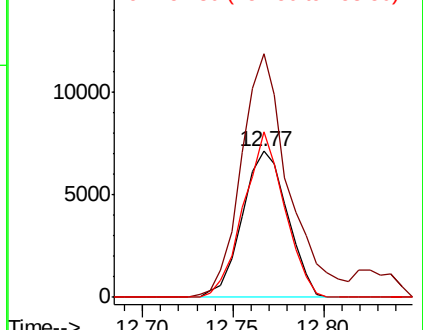
158 102.6 48.1 144.3



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: 2.376 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065393.D

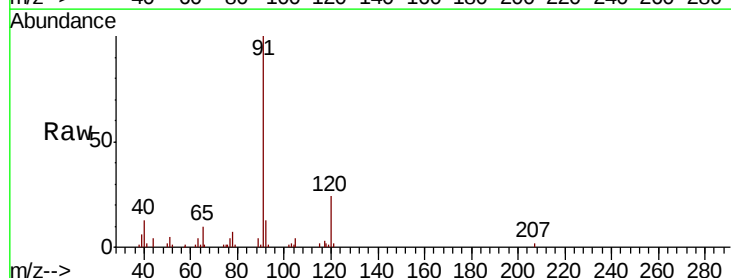
Acq: 03 Mar 2020 14:36

Tgt Ion: 91 Resp: 53294

Ion Ratio Lower Upper

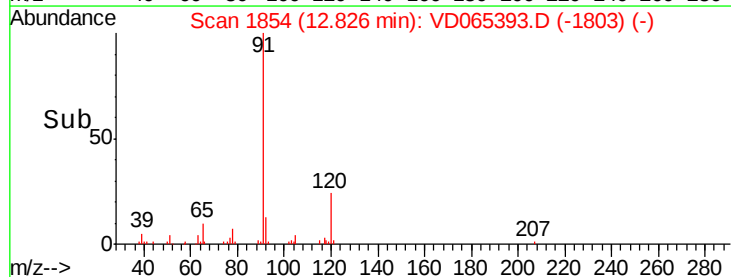
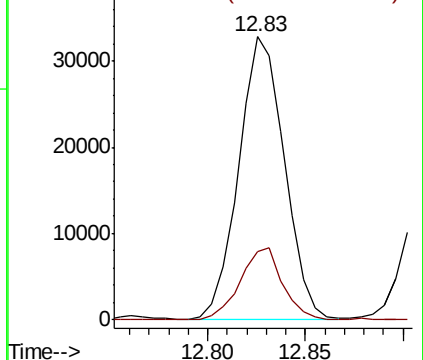
91 100

120 23.4 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: 2.367 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

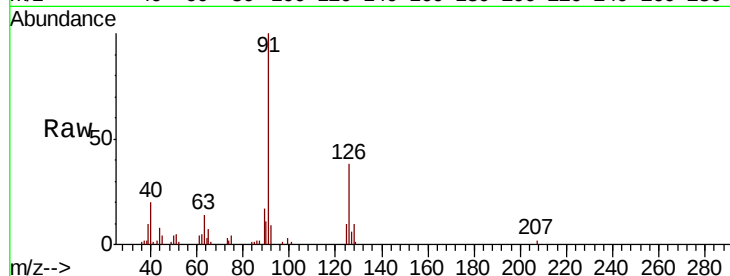
ClientSampleId :

Tot Ion: 91 Resp: 29749

Ion Ratio Lower Upper

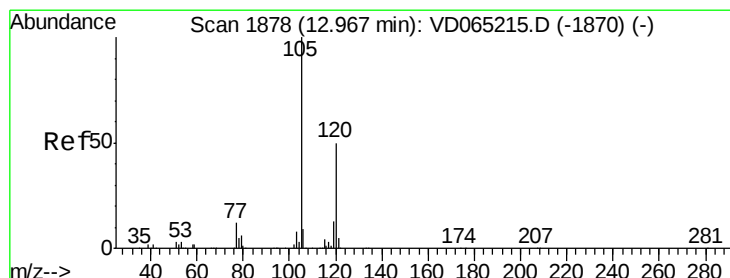
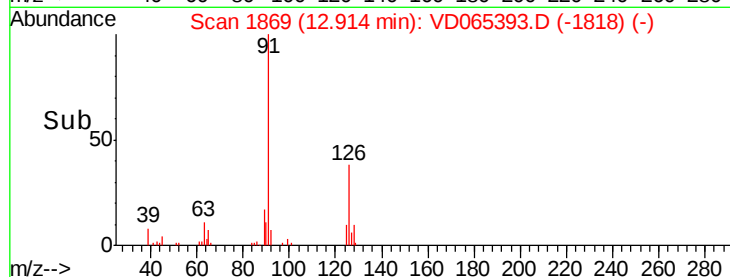
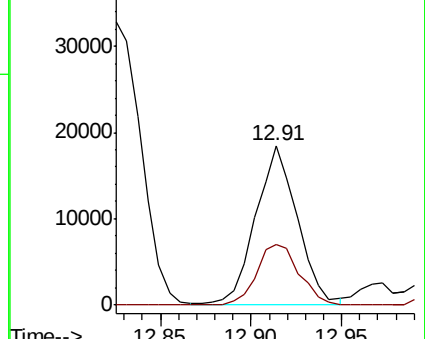
91 100

126 38.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.103 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065393.D

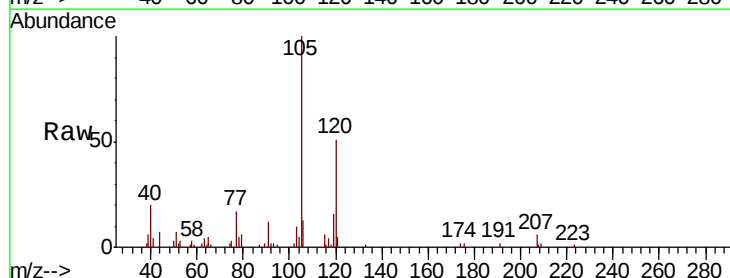
Acq: 03 Mar 2020 14:36

Tgt Ion:105 Resp: 32337

Ion Ratio Lower Upper

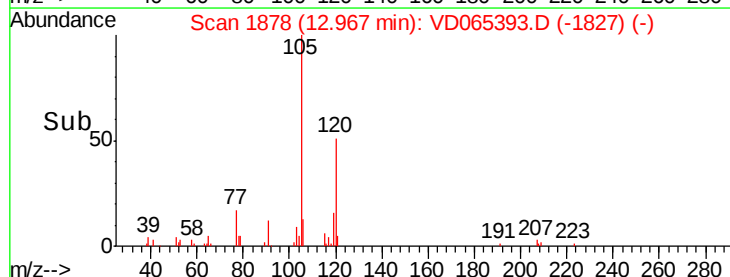
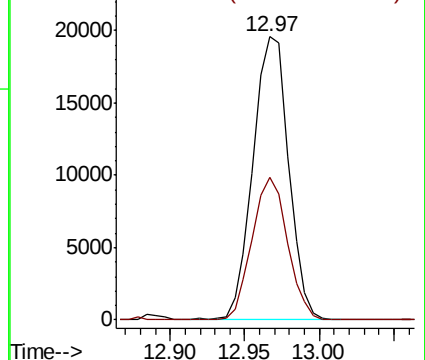
105 100

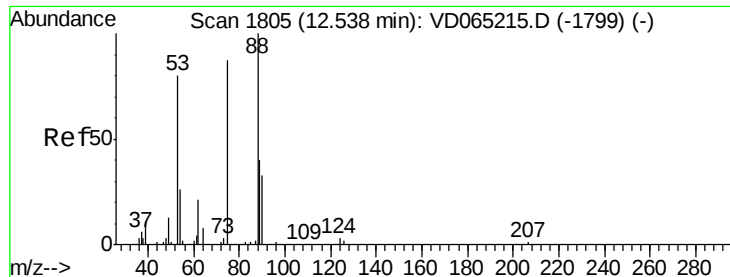
120 50.0 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 105.145 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065393.D

Acq: 03 Mar 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

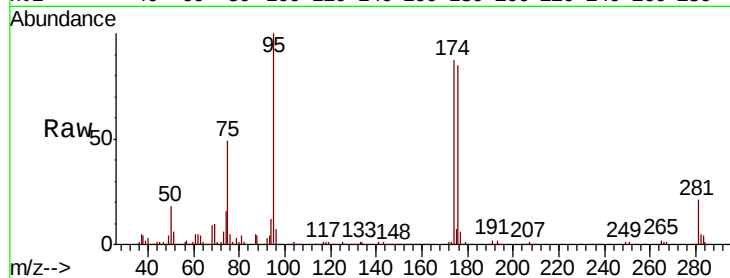
Tot Ion: 75 Resp: 116814

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

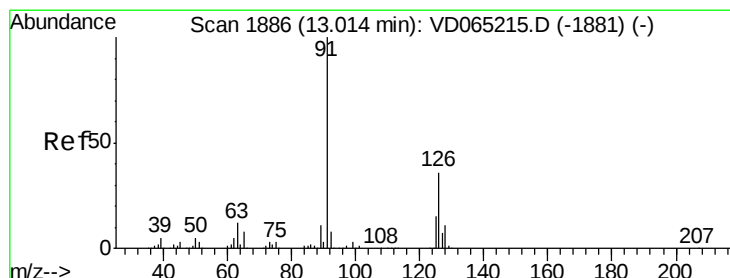
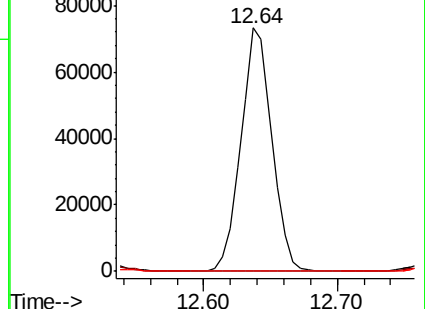
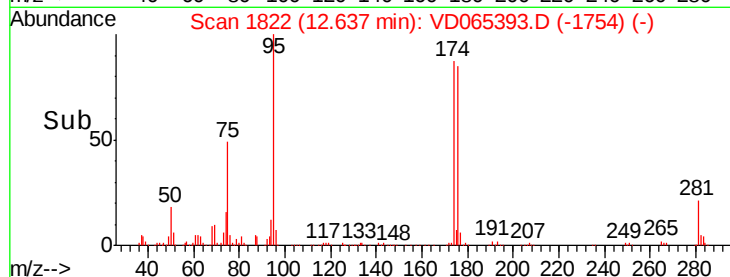
89 0.1 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 2.348 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065393.D

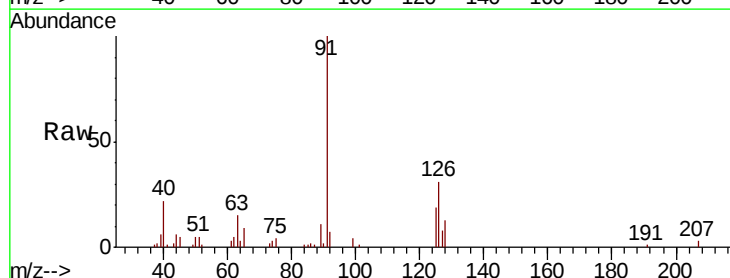
Acq: 03 Mar 2020 14:36

Tgt Ion: 91 Resp: 31329

Ion Ratio Lower Upper

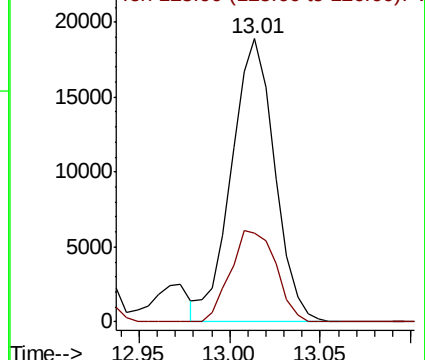
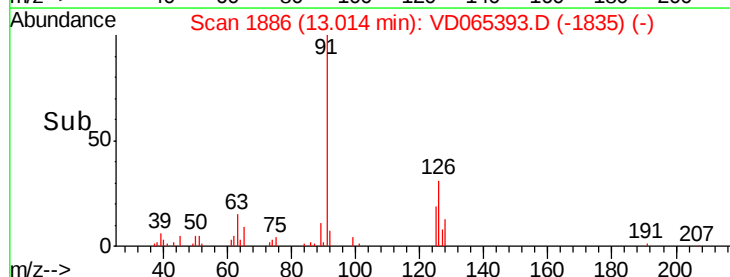
91 100

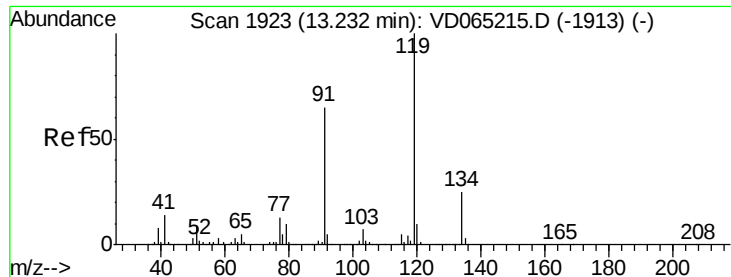
126 33.8 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

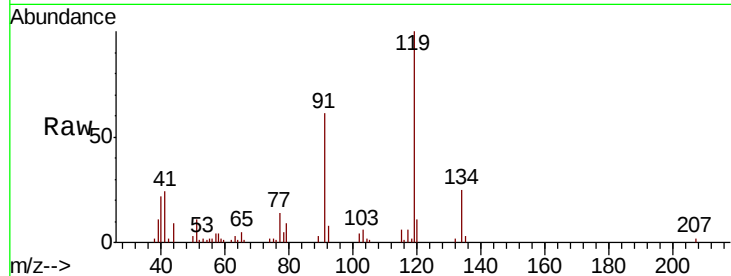




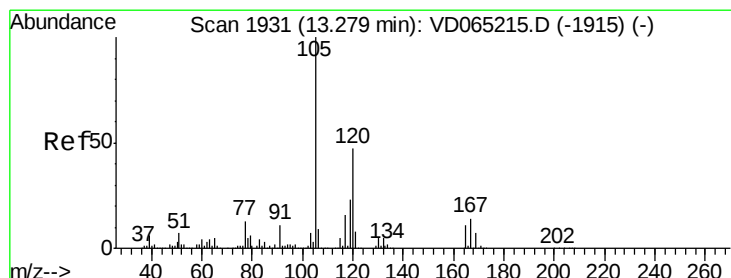
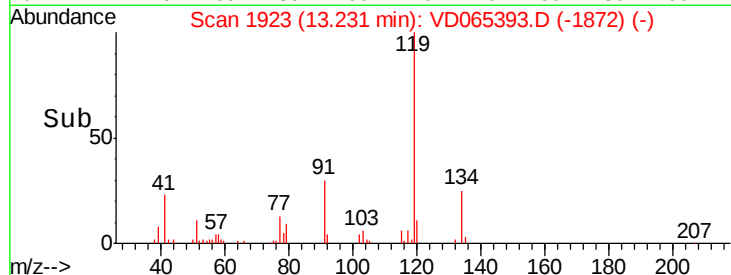
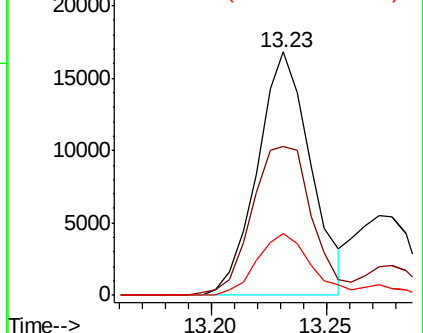
#83
tert-Butylbenzene
Concen: 2.098 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 27033
Ion Ratio Lower Upper
119 100
91 69.3 31.9 95.5
134 25.2 13.8 41.3

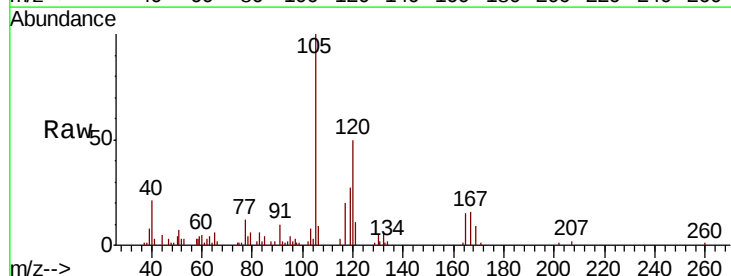


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

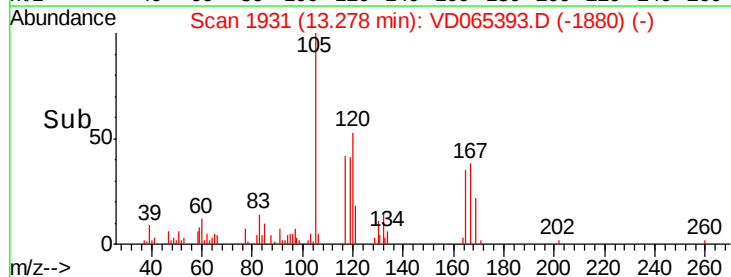
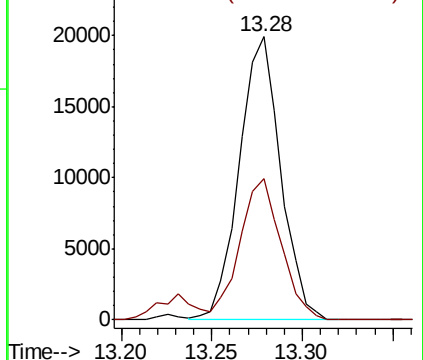


#84
1,2,4-Trimethylbenzene
Concen: 2.054 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion:105 Resp: 31613
Ion Ratio Lower Upper
105 100
120 49.7 23.3 69.9



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

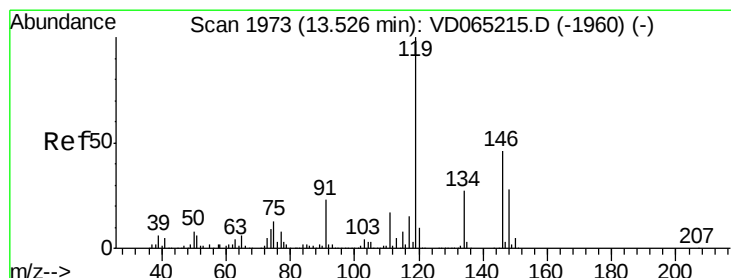
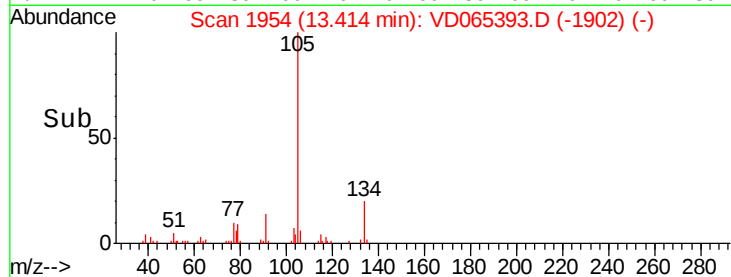
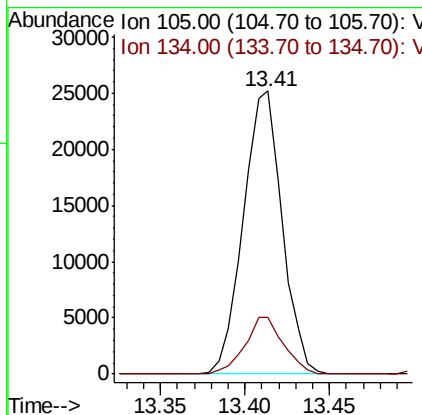
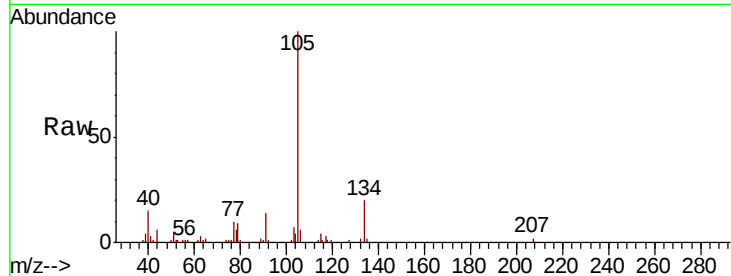




#85
 sec-Butylbenzene
 Concen: 2.171 ug/l
 RT: 13.41 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

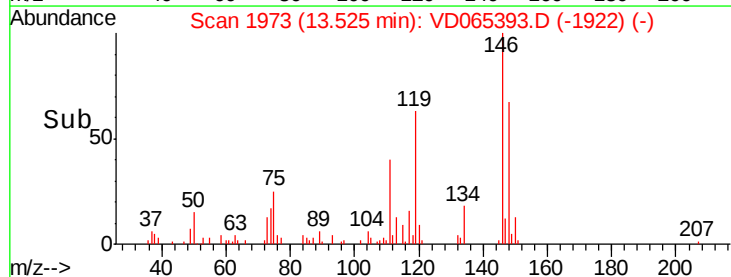
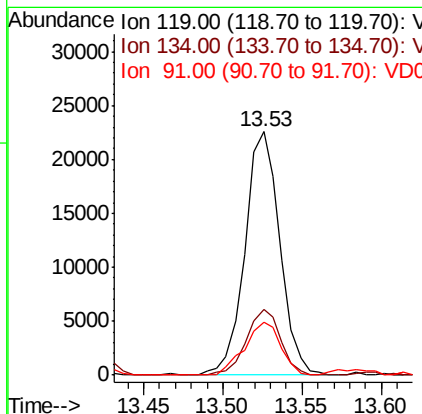
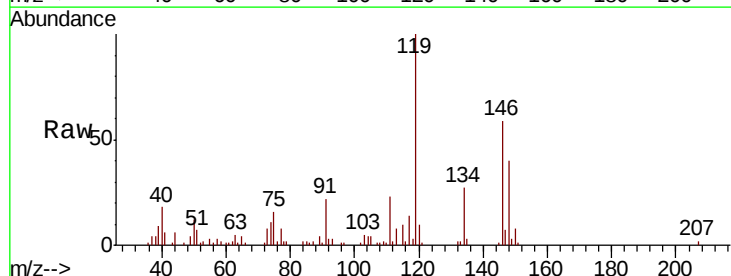
Instrument :
 MSVOA_D
 ClientSampled :

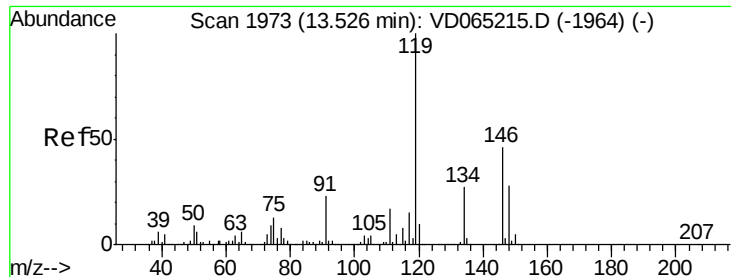
Tot Ion:105 Resp: 40307
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 2.031 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Tgt Ion:119 Resp: 34490
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.4 11.1 33.1

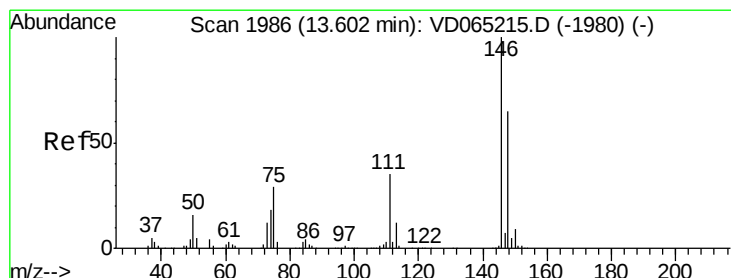
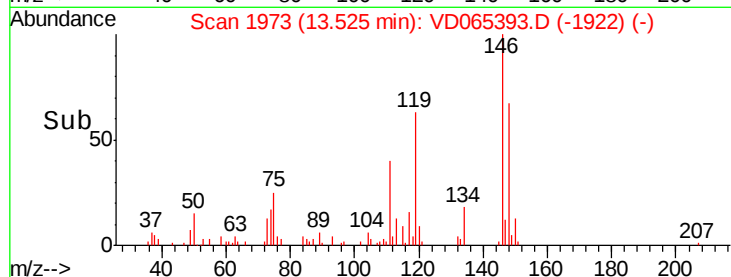
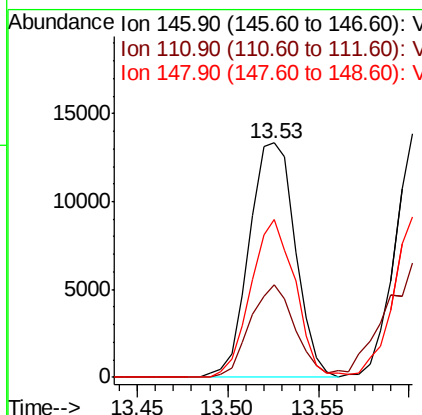
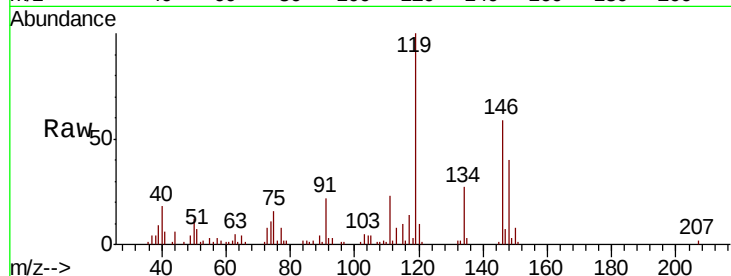




#87
 1,3-Dichlorobenzene
 Concen: 2.630 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

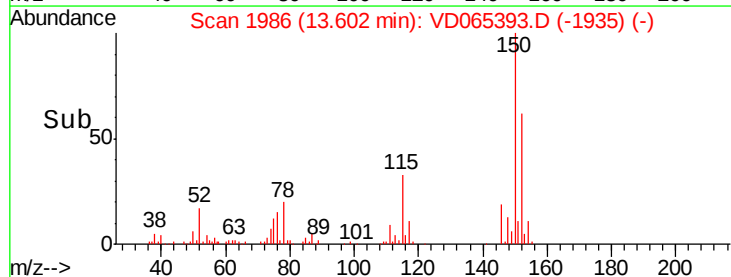
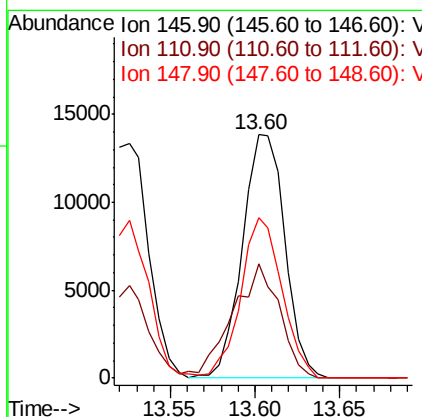
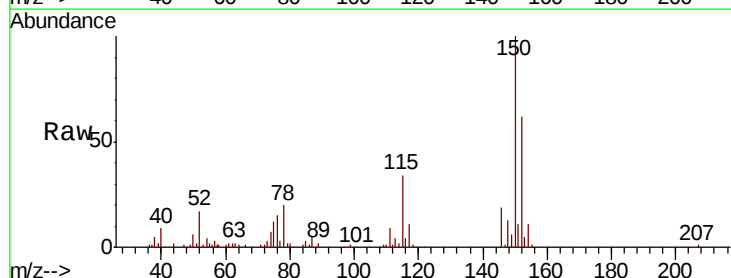
Instrument :
 MSVOA_D
 ClientSampleId :

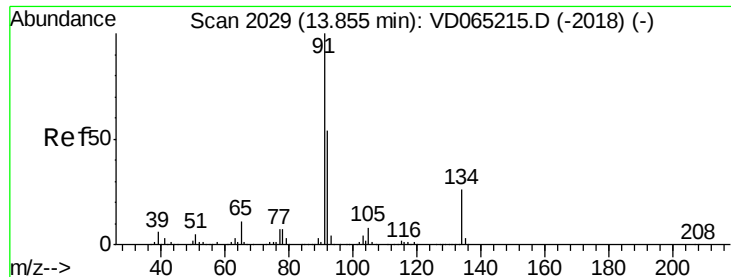
Tot Ion:146 Resp: 23566
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 55.8
 148 64.9 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 2.732 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Tgt Ion:146 Resp: 24161
 Ion Ratio Lower Upper
 146 100
 111 52.3 18.4 55.2
 148 64.2 32.1 96.5

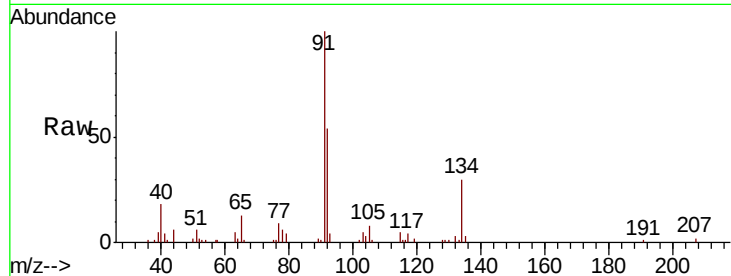




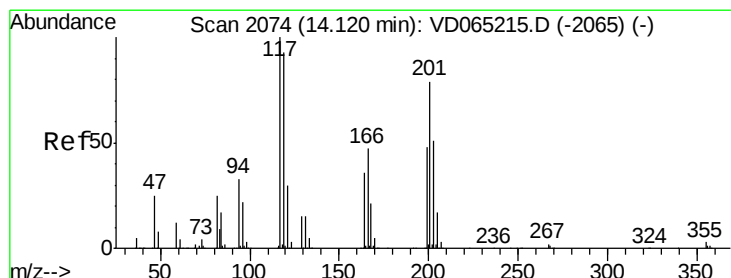
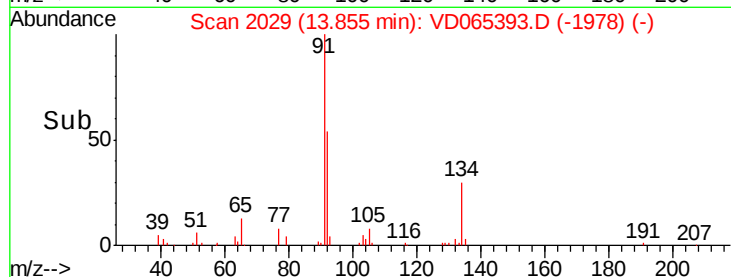
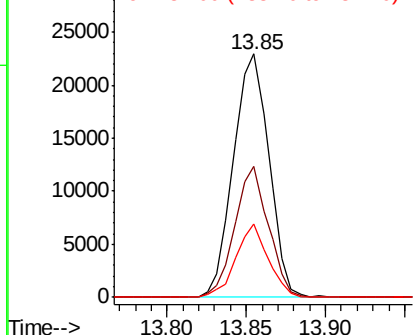
#89
n-Butylbenzene
Concen: 2.289 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 91 Resp: 35819
Ion Ratio Lower Upper
91 100
92 50.6 27.0 80.8
134 27.0 13.5 40.4

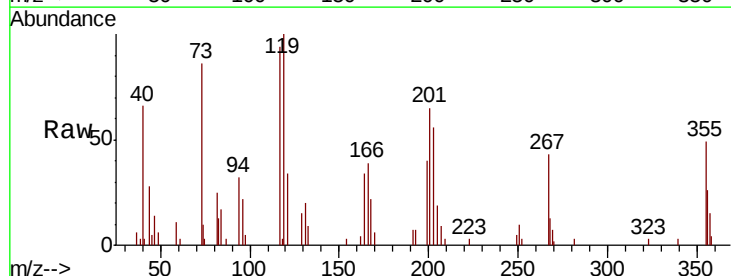


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V

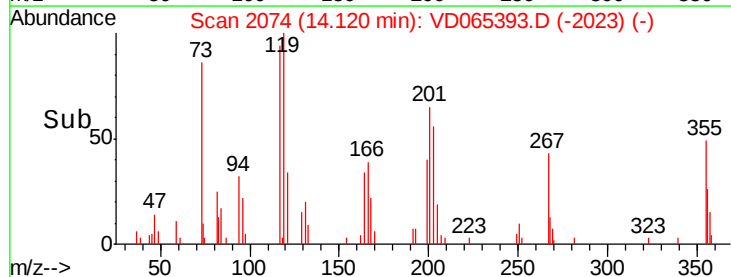
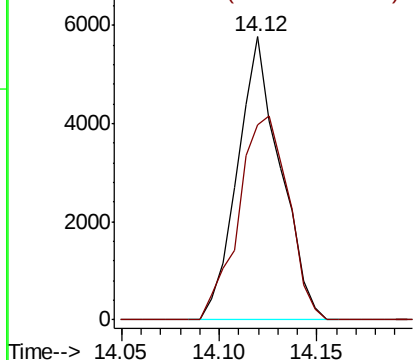


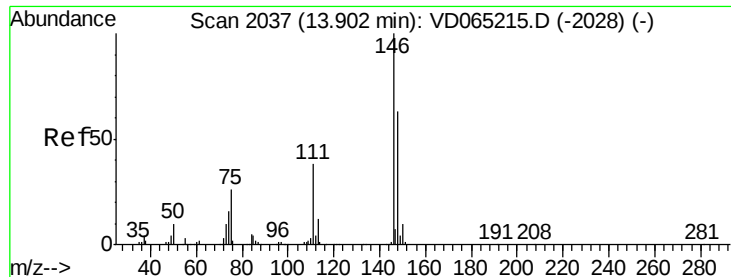
#90
Hexachloroethane
Concen: 2.547 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion: 117 Resp: 8782
Ion Ratio Lower Upper
117 100
201 84.0 41.3 124.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

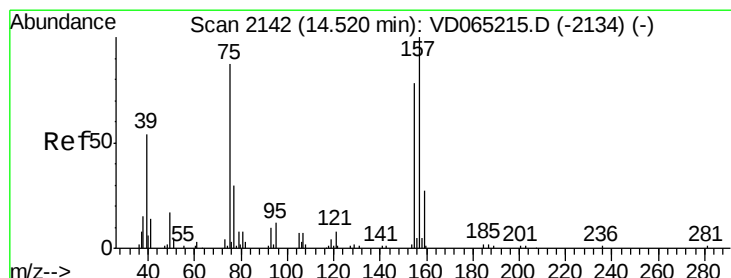
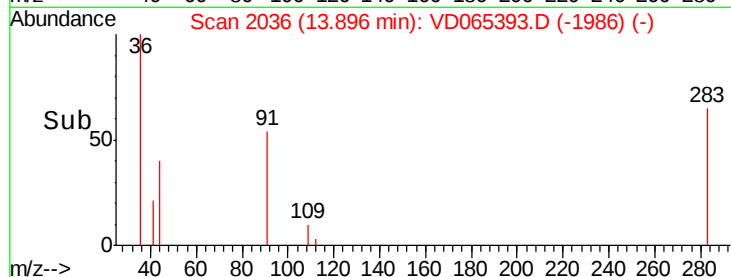
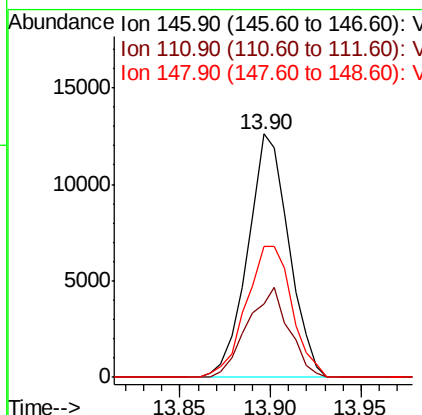
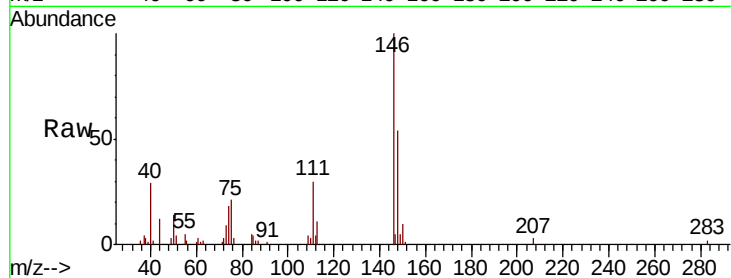




#91
 1,2-Dichlorobenzene
 Concen: 2.582 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

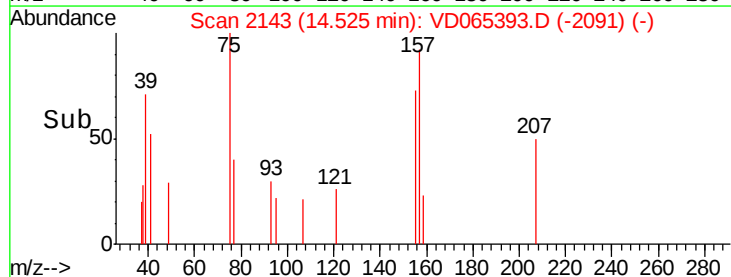
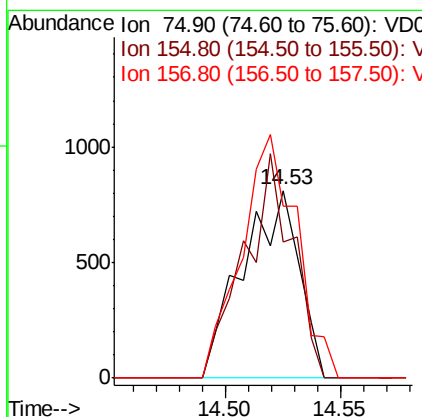
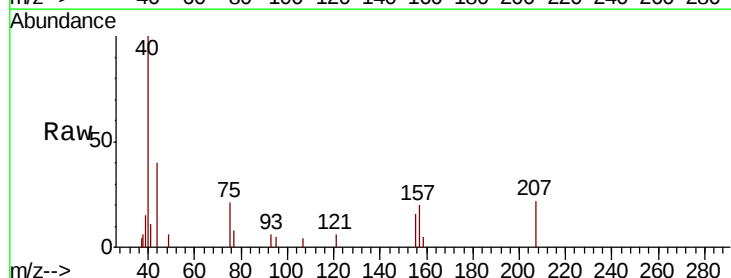
Instrument :
 MSVOA_D
 ClientSampleID :

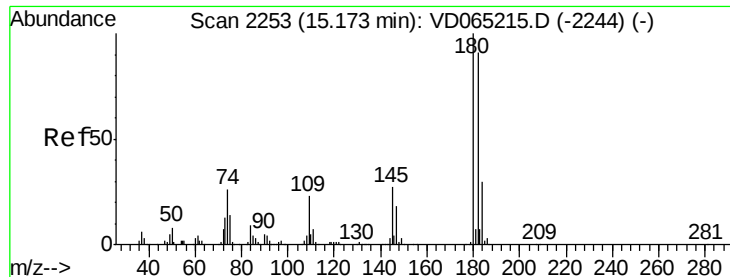
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.7	59.0
148	60.2	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.674 ug/l
 RT: 14.53 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.2	42.3	126.9
157	125.6	56.7	170.1

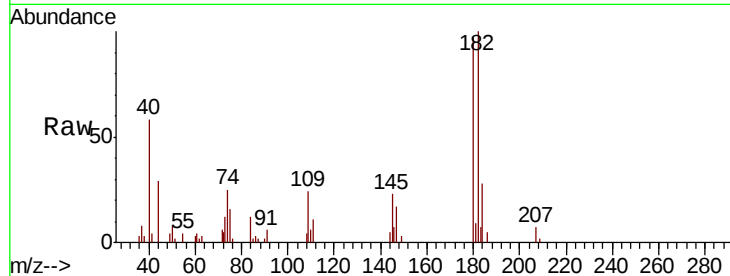




#93
 1,2,4-Trichlorobenzene
 Concen: 2.486 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.0	46.9	140.6
145	29.2	13.9	41.7

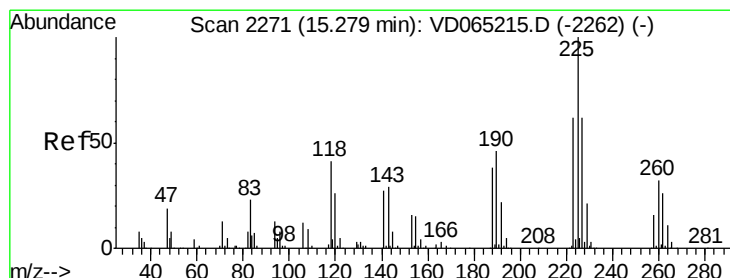
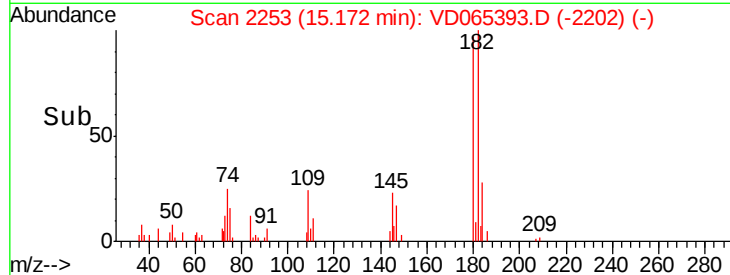
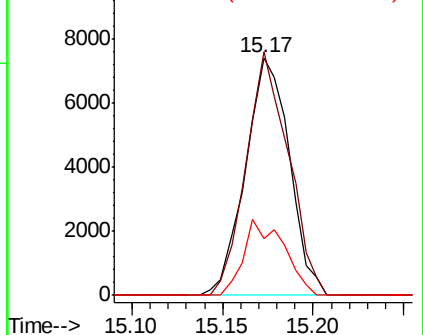


Abundance

Ion 179.80 (179.50 to 180.50): V

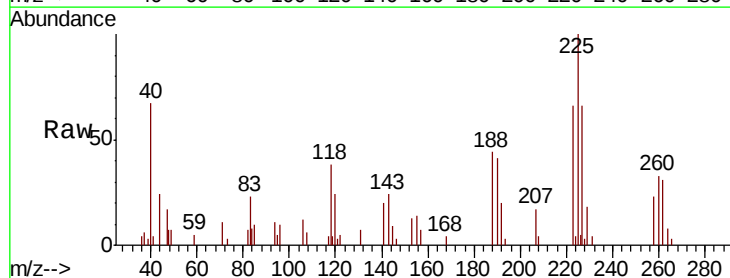
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 2.759 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065393.D
 Acq: 03 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.2
227	68.7	31.7	95.1

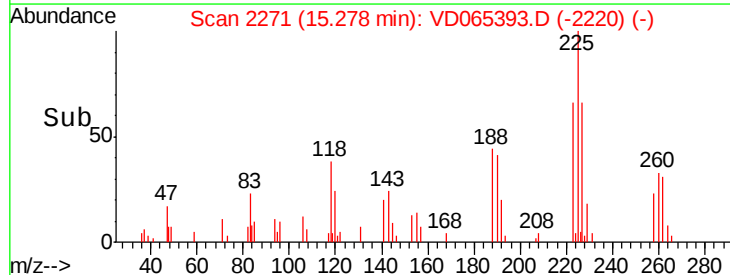
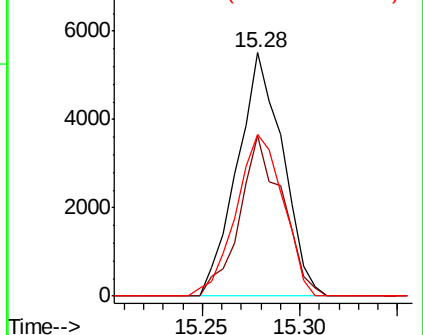


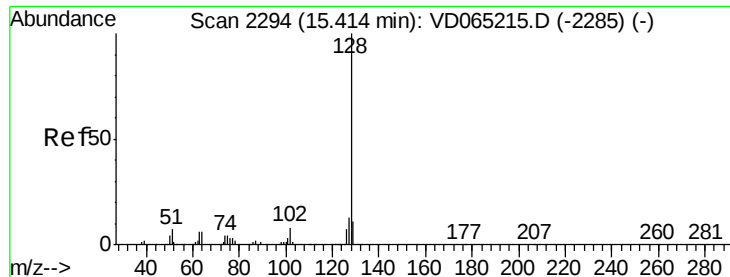
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

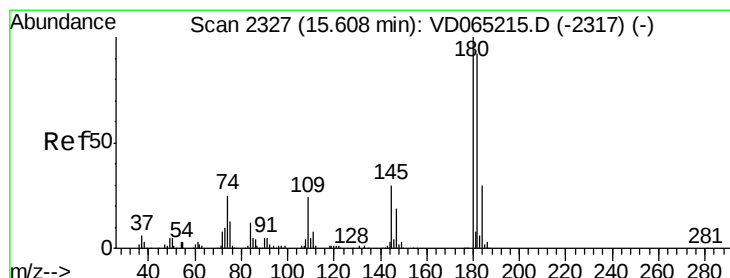
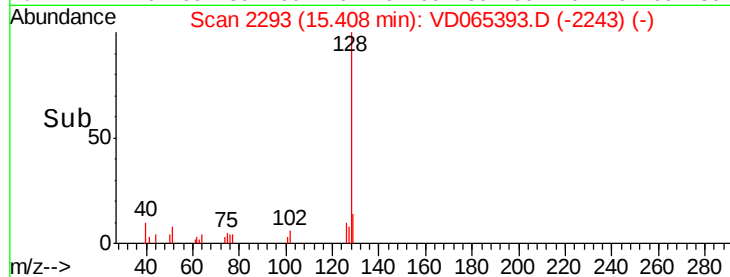
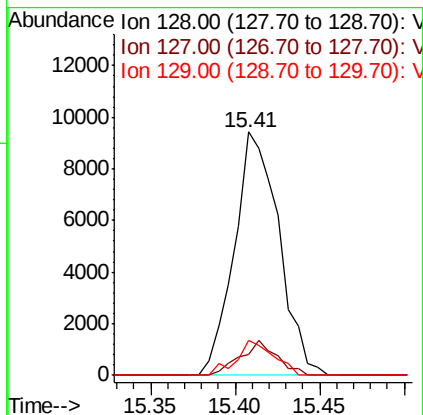
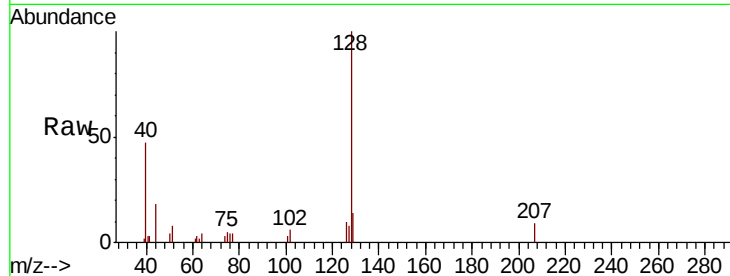




#95
Naphthalene
Concen: 2.120 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 17348
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 11.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.559 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065393.D
Acq: 03 Mar 2020 14:36

Tgt Ion:180 Resp: 11248
Ion Ratio Lower Upper
180 100
182 86.0 46.9 140.6
145 27.3 15.4 46.1

