

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030420\
 Data File : VD065420.D
 Acq On : 04 Mar 2020 19:38
 Operator : VA/SY
 Sample : L1161-02 5PPBL00
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 05 02:38:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 02:35:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	425382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	658053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	602798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	209664	57.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.92%	
35) Dibromofluoromethane	7.92	113	216550	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	10.34	98	817911	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.64	95	258836	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	19033	5.206	ug/l	99
3) Chloromethane	2.21	50	23864	5.407	ug/l	99
4) Vinyl Chloride	2.35	62	23192	5.327	ug/l	89
5) Bromomethane	2.77	94	16422	5.899	ug/l	95
6) Chloroethane	2.92	64	15100	5.663	ug/l	96
7) Trichlorofluoromethane	3.27	101	36521	5.693	ug/l	99
8) Diethyl Ether	3.71	74	11247	5.896	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	22594	5.469	ug/l	99
10) Methyl Iodide	4.30	142	20398	4.752	ug/l	98
11) Tert butyl alcohol	5.26	59	5856	27.979	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	21475	5.428	ug/l	98
13) Acrolein	3.92	56	8679	24.044	ug/l	92
14) Allyl chloride	4.71	41	33340	5.486	ug/l	99
15) Acrylonitrile	5.43	53	23560	28.389	ug/l	98
16) Acetone	4.17	43	20582	27.890	ug/l	98
17) Carbon Disulfide	4.40	76	72097	5.472	ug/l	100
18) Methyl Acetate	4.73	43	11569	6.180	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	41227	5.419	ug/l	97
20) Methylene Chloride	4.96	84	33976	7.442	ug/l	94
21) trans-1,2-Dichloroethene	5.46	96	24758	5.626	ug/l	86
22) Diisopropyl ether	6.37	45	59203	5.240	ug/l	97
23) Vinyl Acetate	6.31	43	150444	23.983	ug/l	99
24) 1,1-Dichloroethane	6.26	63	41225	5.689	ug/l	98
25) 2-Butanone	7.23	43	25682	25.502	ug/l	95
26) 2,2-Dichloropropane	7.20	77	33658	5.315	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	25152	5.591	ug/l	99
28) Bromochloromethane	7.55	49	16819	5.801	ug/l	99
29) Tetrahydrofuran	7.57	42	17384	27.031	ug/l	95
30) Chloroform	7.71	83	42953	5.930	ug/l	100
31) Cyclohexane	7.99	56	41144	5.678	ug/l #	86
32) 1,1,1-Trichloroethane	7.90	97	37237	5.563	ug/l	99
36) 1,1-Dichloropropene	8.12	75	32464	5.147	ug/l	98
37) Ethyl Acetate	7.30	43	11241	4.611	ug/l #	95
38) Carbon Tetrachloride	8.10	117	33831	5.172	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	33793	4.436	ug/l #	85
40) Benzene	8.35	78	95845	5.434	ug/l	95
41) Methacrylonitrile	7.53	41	6012	4.663	ug/l	93
42) 1,2-Dichloroethane	8.43	62	27144	5.894	ug/l	98
43) Isopropyl Acetate	8.46	43	24177	5.371	ug/l	99
44) Trichloroethene	9.11	130	25925	5.205	ug/l	96
45) 1,2-Dichloropropane	9.39	63	22688	5.311	ug/l	97
46) Dibromomethane	9.48	93	12421	5.605	ug/l	99
47) Bromodichloromethane	9.66	83	31567	5.476	ug/l	95
48) Methyl methacrylate	9.46	41	10852	5.125	ug/l	96
49) 1,4-Dioxane	9.47	88	2611	103.008	ug/l #	85
51) 4-Methyl-2-Pentanone	10.23	43	56851	25.096	ug/l	96
52) Toluene	10.40	92	59629	5.367	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	27900	5.179	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	32470	4.979	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	18295	5.829	ug/l	91
56) Ethyl methacrylate	10.67	69	16746	4.733	ug/l	94
57) 1,3-Dichloropropane	10.95	76	29423	5.541	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	24390	21.375	ug/l	96
59) 2-Hexanone	10.99	43	37533	23.934	ug/l	100
60) Dibromochloromethane	11.14	129	23504	5.842	ug/l	98
61) 1,2-Dibromoethane	11.25	107	17256	5.764	ug/l	91
64) Tetrachloroethene	10.88	164	23122	5.353	ug/l	96
65) Chlorobenzene	11.67	112	63774	5.346	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	24473	5.633	ug/l	96
67) Ethyl Benzene	11.75	91	99636	4.834	ug/l	97
68) m/p-Xylenes	11.86	106	75532	9.504	ug/l	97
69) o-Xylene	12.18	106	32988	4.719	ug/l	100
70) Styrene	12.20	104	55844	4.539	ug/l	97
71) Bromoform	12.37	173	13396	5.490	ug/l #	99
73) Isopropylbenzene	12.48	105	87049	4.507	ug/l	100
74) N-amyl acetate	12.30	43	19222	4.862	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	19696	5.802	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	23072	9.958	ug/l #	100
77) Bromobenzene	12.77	156	26449	5.512	ug/l	97
78) n-propylbenzene	12.83	91	115353	5.034	ug/l	98
79) 2-Chlorotoluene	12.91	91	66137	5.121	ug/l	96
80) 1,3,5-Trimethylbenzene	12.97	105	73003	4.598	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	5221	4.755	ug/l	99
82) 4-Chlorotoluene	13.01	91	68843	5.073	ug/l	100
83) tert-Butylbenzene	13.23	119	62319	4.639	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	73548	4.699	ug/l	99
85) sec-Butylbenzene	13.41	105	87716	4.575	ug/l	99
86) p-Isopropyltoluene	13.53	119	76619	4.379	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	49158	5.329	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	49938	5.442	ug/l	94
89) n-Butylbenzene	13.86	91	74566	4.610	ug/l	97
90) Hexachloroethane	14.12	117	18518	5.140	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	43647	5.560	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3142	6.077	ug/l	83

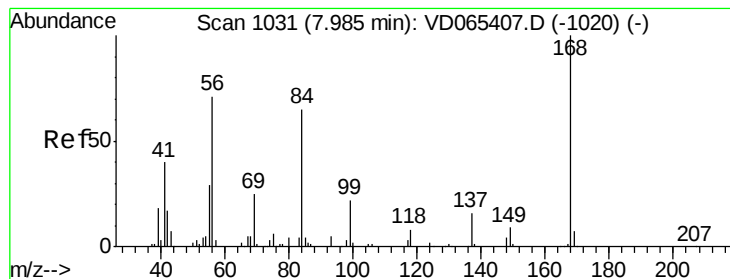
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	25803	4.849	ug/l	97
94) Hexachlorobutadiene	15.28	225	17548	5.019	ug/l	95
95) Naphthalene	15.41	128	37374	4.392	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	22994	5.001	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

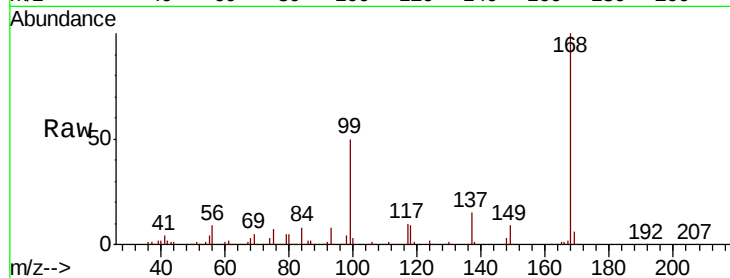
ClientSampled :

Tot Ion:168 Resp: 425382

Ion Ratio Lower Upper

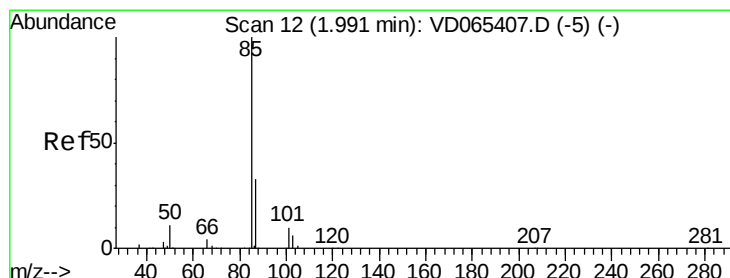
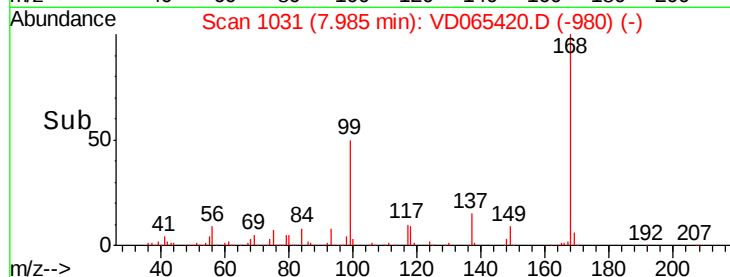
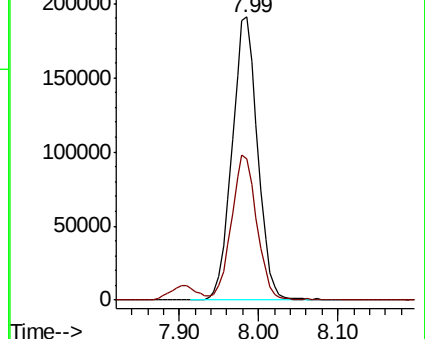
168 100

99 49.6 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 5.206 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065420.D

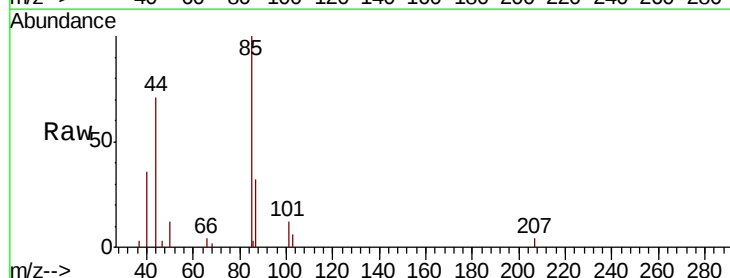
Acq: 04 Mar 2020 19:38

Tgt Ion: 85 Resp: 19033

Ion Ratio Lower Upper

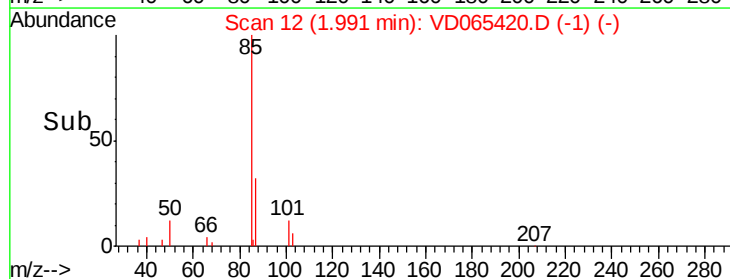
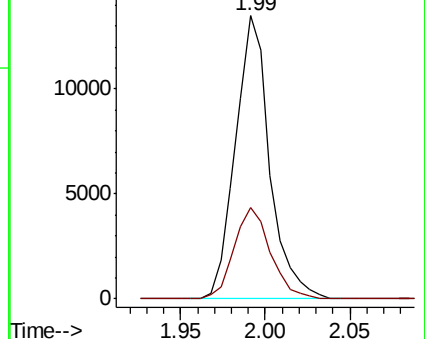
85 100

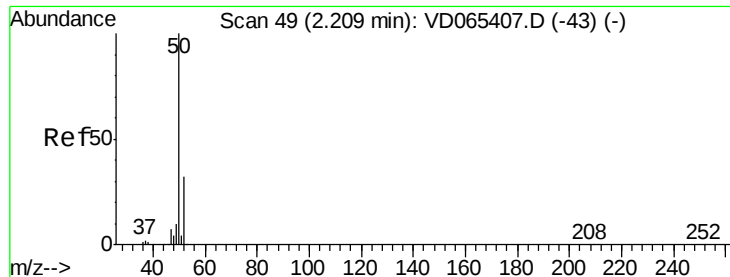
87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 5.407 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

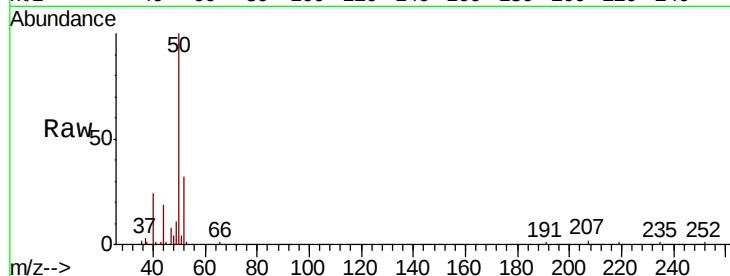
ClientSampleId :

Tot Ion: 50 Resp: 23864

Ion Ratio Lower Upper

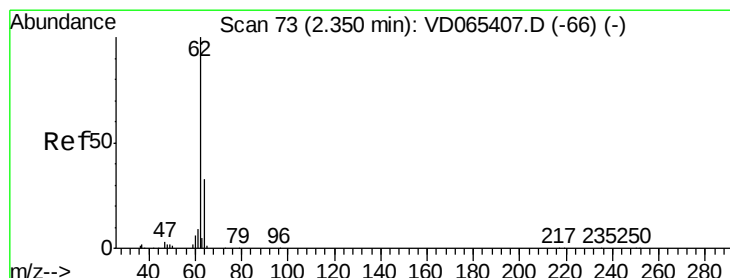
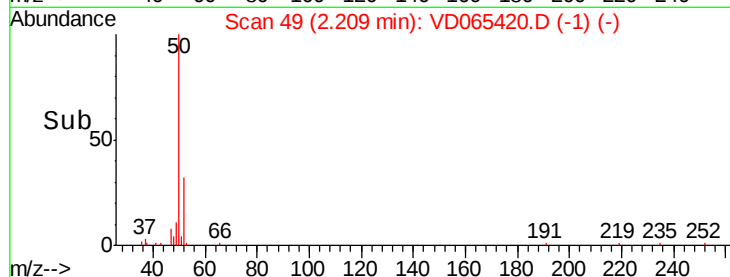
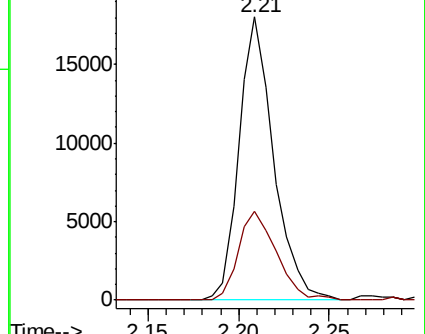
50 100

52 31.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 5.327 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065420.D

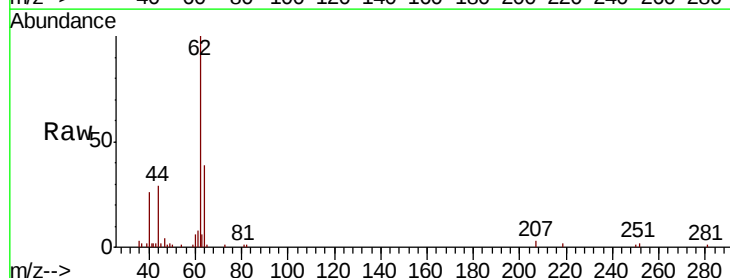
Acq: 04 Mar 2020 19:38

Tgt Ion: 62 Resp: 23192

Ion Ratio Lower Upper

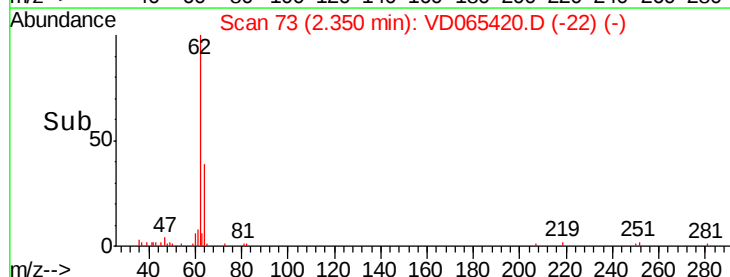
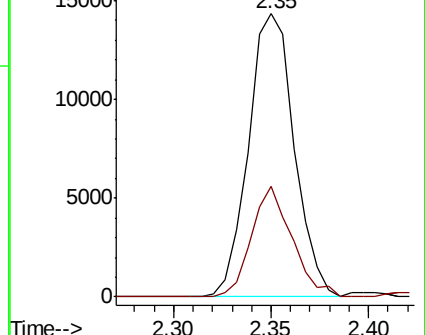
62 100

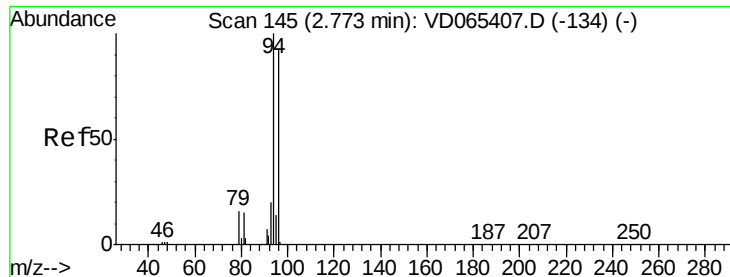
64 39.2 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 5.899 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

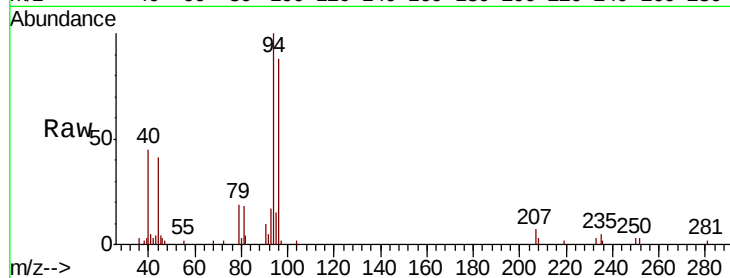
ClientSampleId :

Tot Ion: 94 Resp: 16422

Ion Ratio Lower Upper

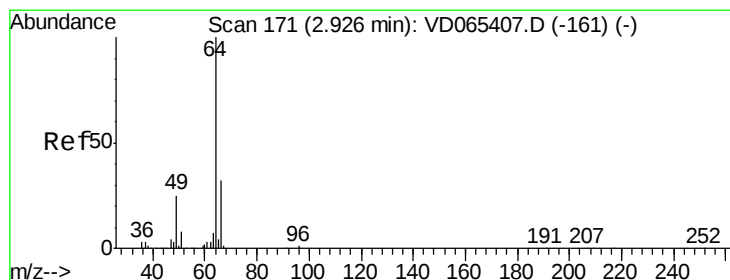
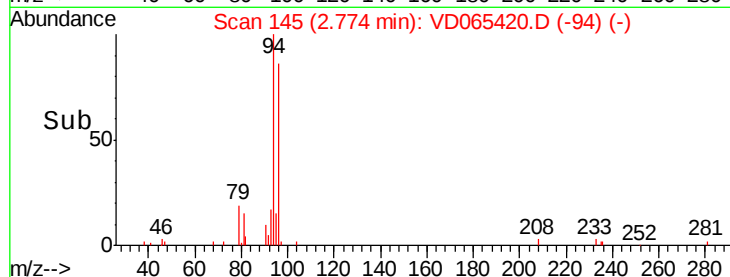
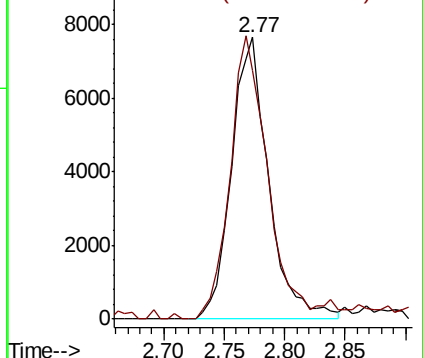
94 100

96 88.1 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 5.663 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065420.D

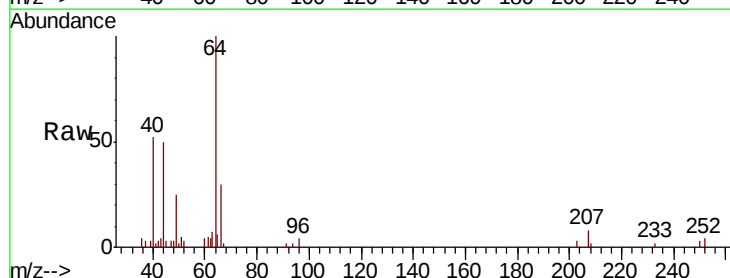
Acq: 04 Mar 2020 19:38

Tgt Ion: 64 Resp: 15100

Ion Ratio Lower Upper

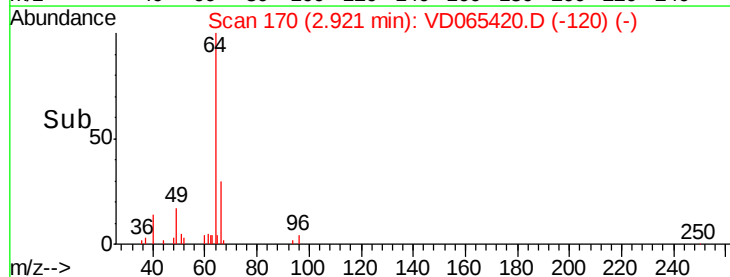
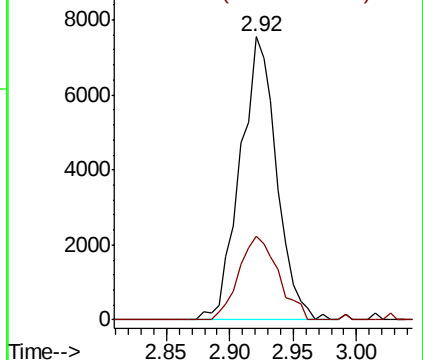
64 100

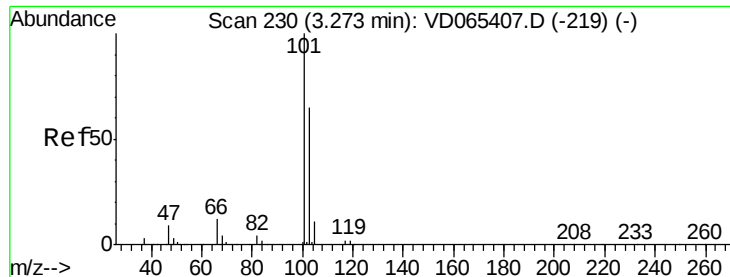
66 29.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 5.693 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

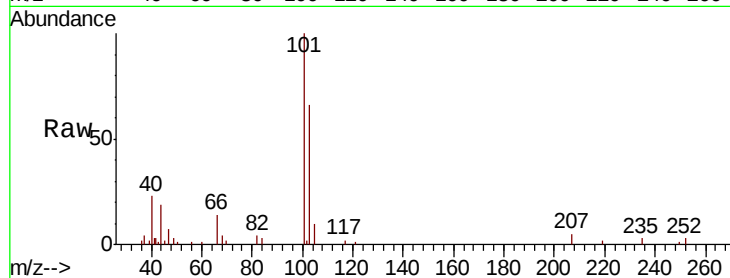
ClientSampleId :

Tot Ion:101 Resp: 36521

Ion Ratio Lower Upper

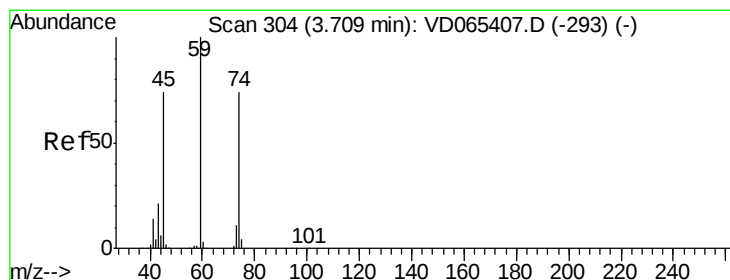
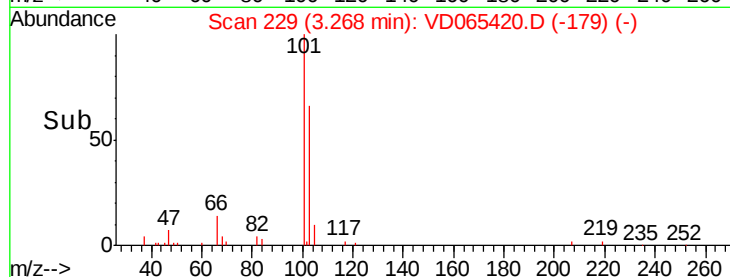
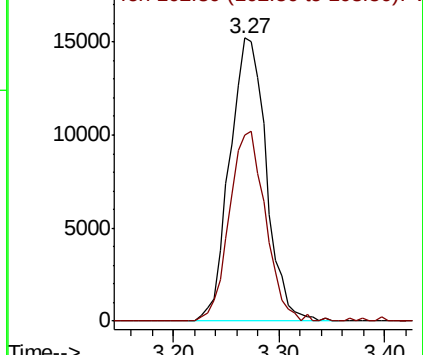
101 100

103 65.7 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.896 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD065420.D

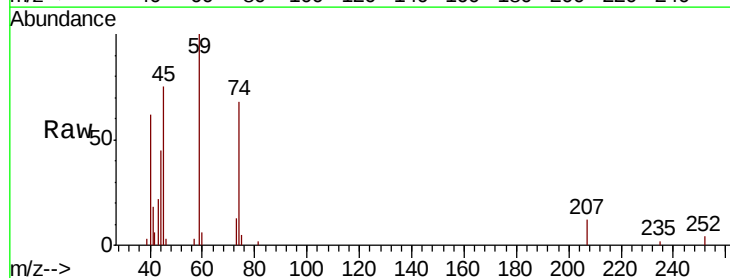
Acq: 04 Mar 2020 19:38

Tgt Ion: 74 Resp: 11247

Ion Ratio Lower Upper

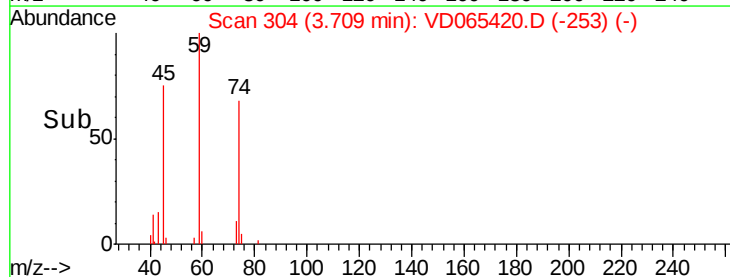
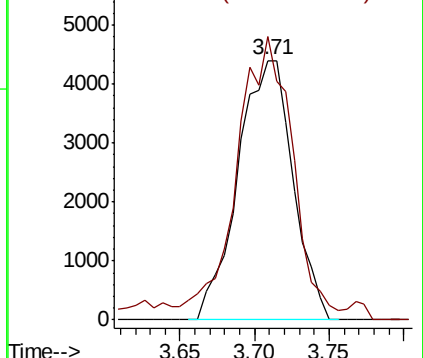
74 100

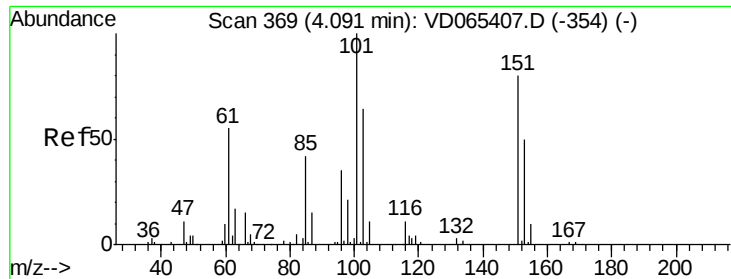
45 104.3 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.469 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

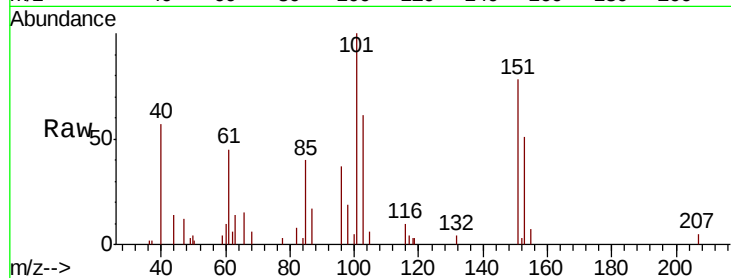
Tot Ion:101 Resp: 22594

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.2

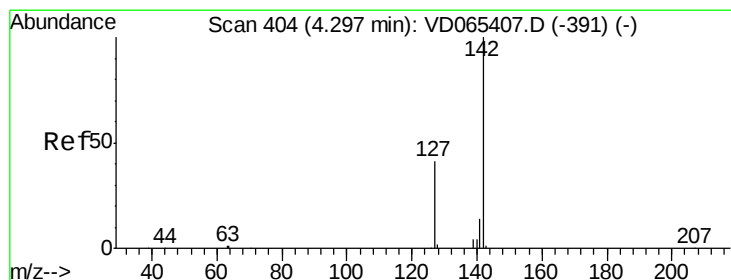
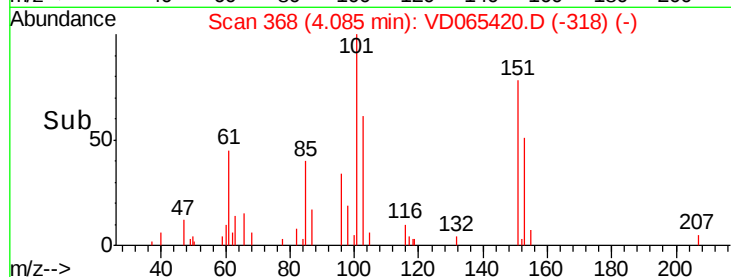
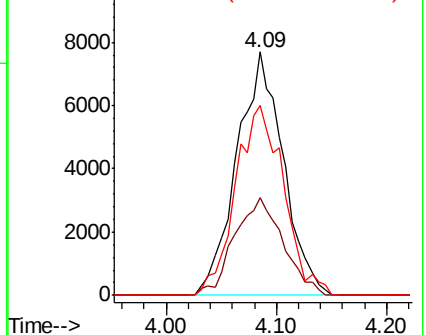
151 81.0 65.1 97.7



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: 4.752 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

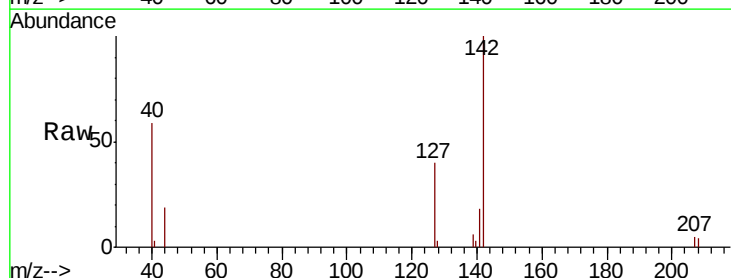
Tgt Ion:142 Resp: 20398

Ion Ratio Lower Upper

142 100

127 42.7 35.0 52.6

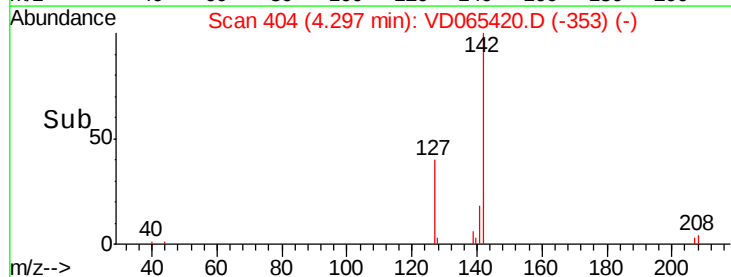
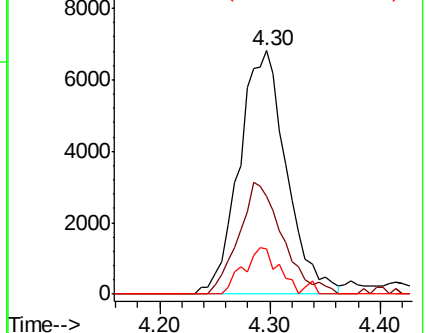
141 14.2 12.4 18.6

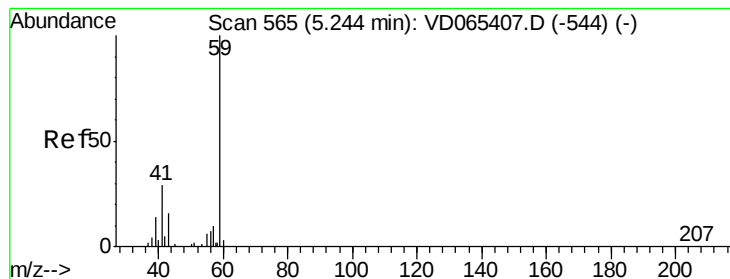


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



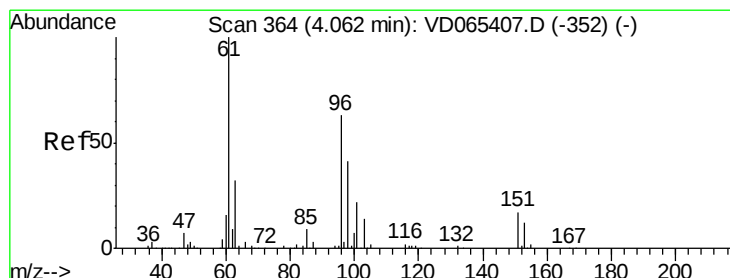
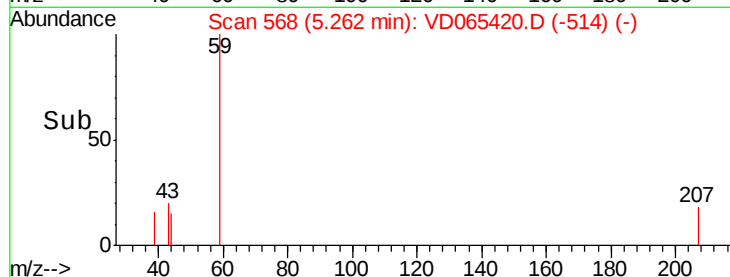
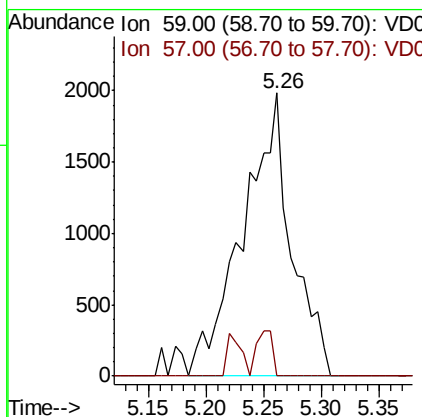
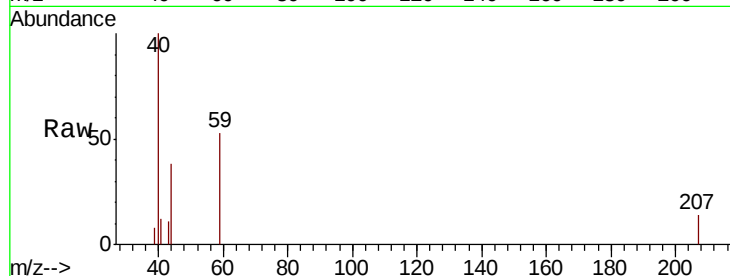


#11

Tert butyl alcohol
Concen: 27.979 ug/l
RT: 5.26 min Scan# 568
Delta R.T. 0.02 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Instrument :
MSVOA_D
ClientSampled :

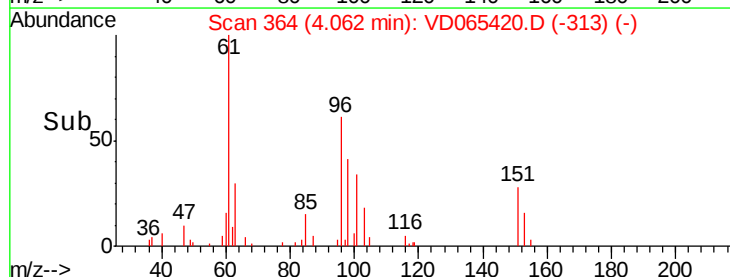
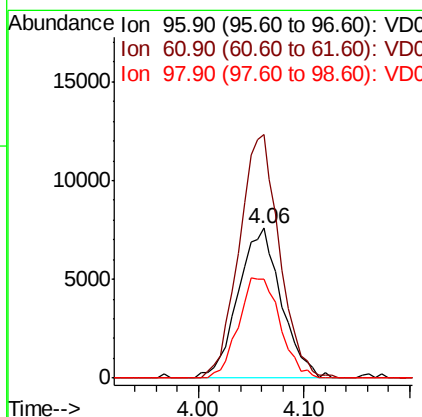
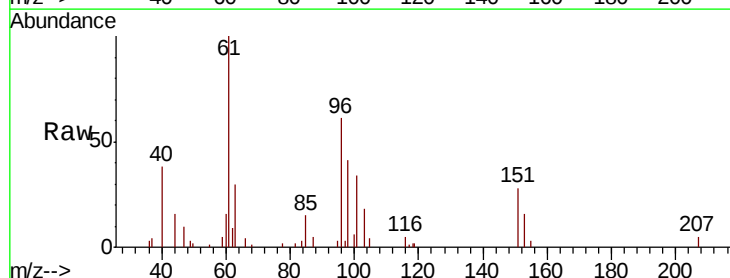
Tot Ion: 59 Resp: 5856
Ion Ratio Lower Upper
59 100
57 5.2 6.9 10.3#

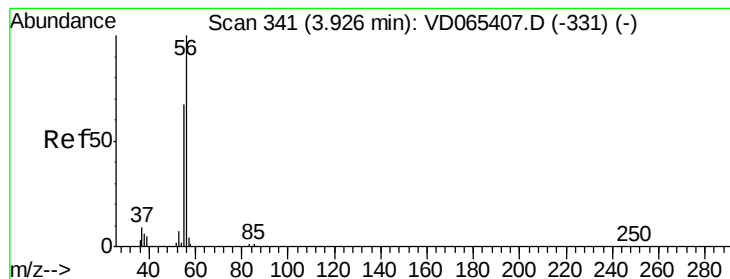


#12

1,1-Dichloroethene
Concen: 5.428 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion: 96 Resp: 21475
Ion Ratio Lower Upper
96 100
61 162.8 128.0 192.0
98 66.2 51.9 77.9





#13

Acrolein

Concen: 24.044 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

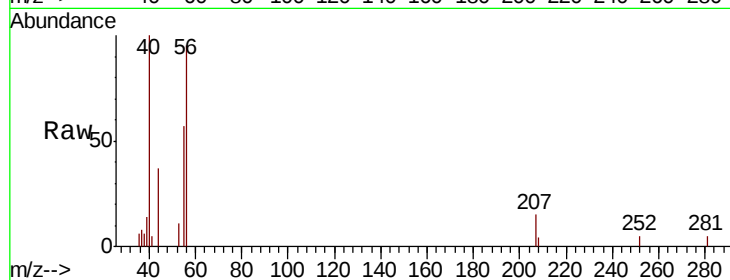
ClientSampled :

Tot Ion: 56 Resp: 8679

Ion Ratio Lower Upper

56 100

55 77.2 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

4000

3000

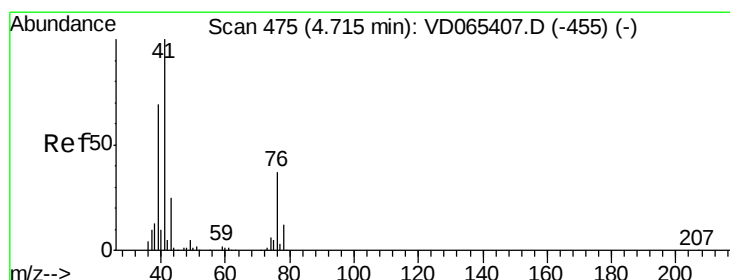
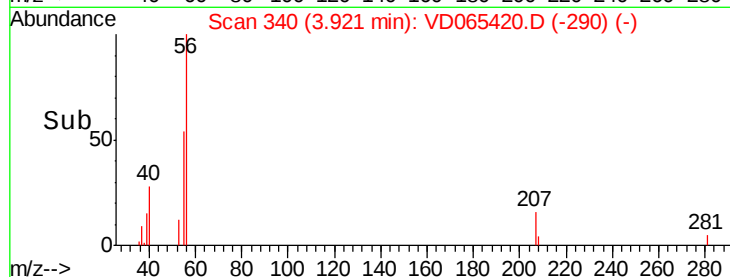
2000

1000

0

3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 5.486 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

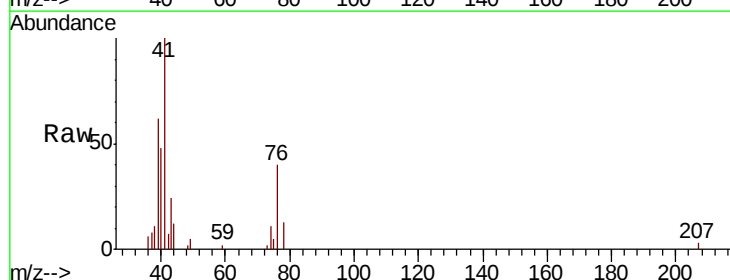
Tgt Ion: 41 Resp: 33340

Ion Ratio Lower Upper

41 100

39 64.6 52.6 79.0

76 35.8 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

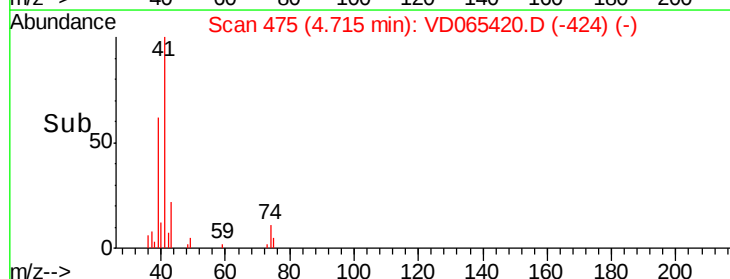
10000

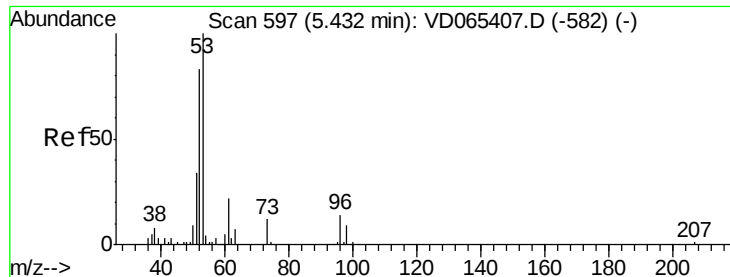
5000

0

4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 28.389 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

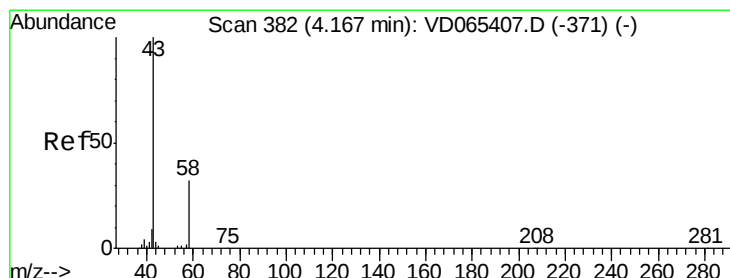
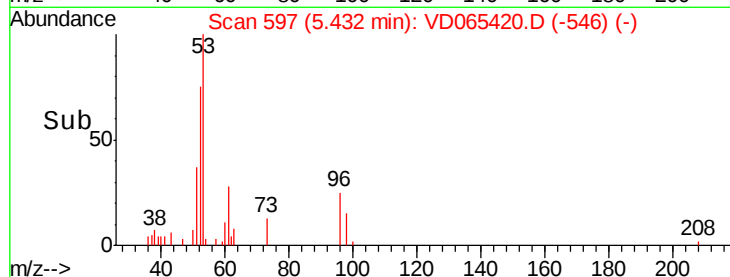
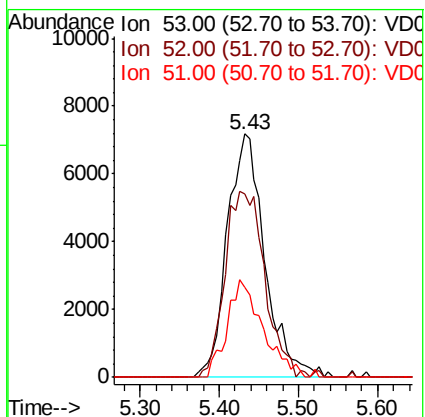
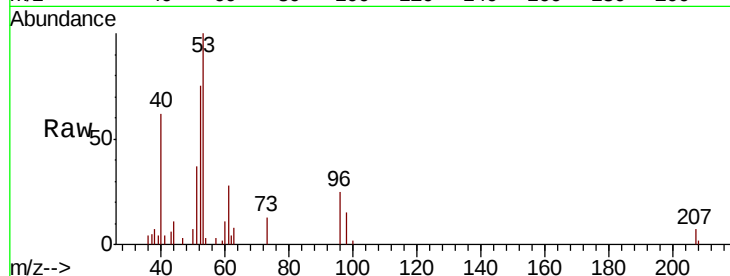
Tot Ion: 53 Resp: 23560

Ion Ratio Lower Upper

53 100

52 80.8 65.1 97.7

51 38.0 28.5 42.7



#16

Acetone

Concen: 27.890 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065420.D

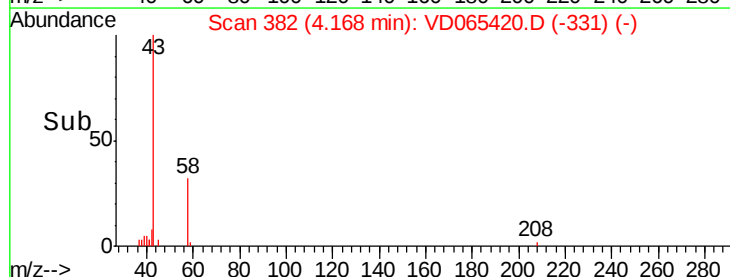
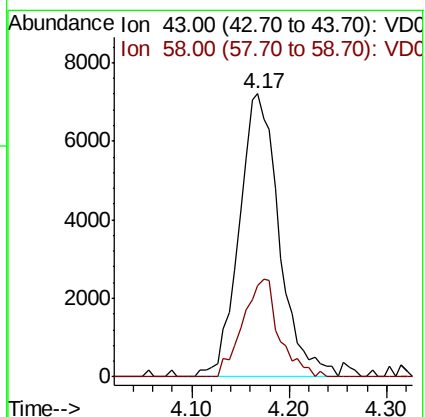
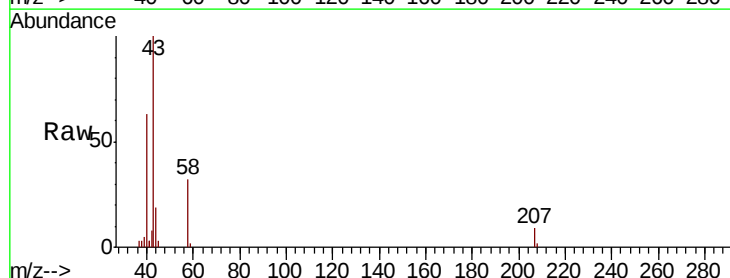
Acq: 04 Mar 2020 19:38

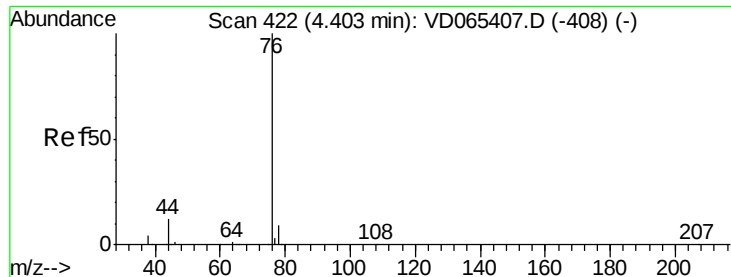
Tgt Ion: 43 Resp: 20582

Ion Ratio Lower Upper

43 100

58 32.4 25.1 37.7

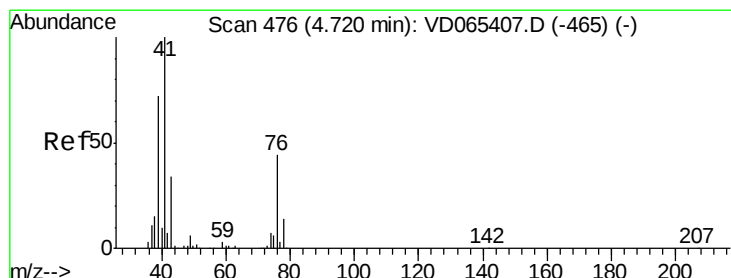
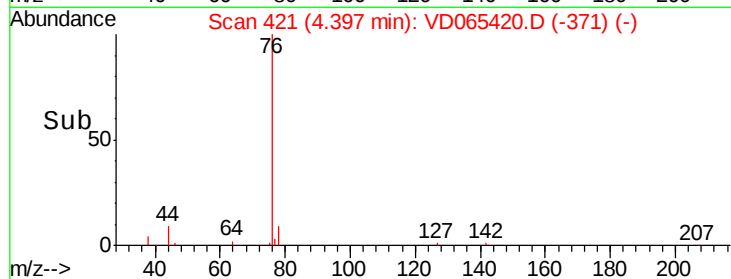
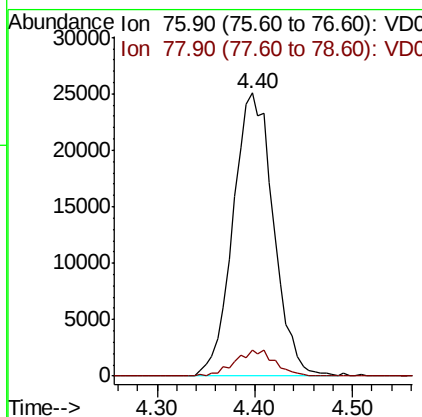
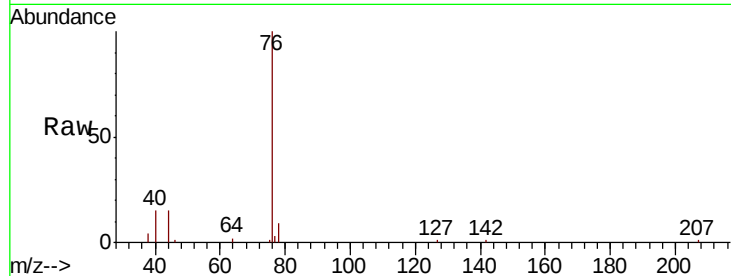




#17
Carbon Disulfide
Concen: 5.472 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

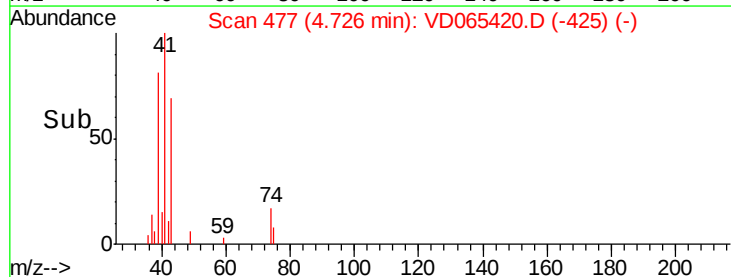
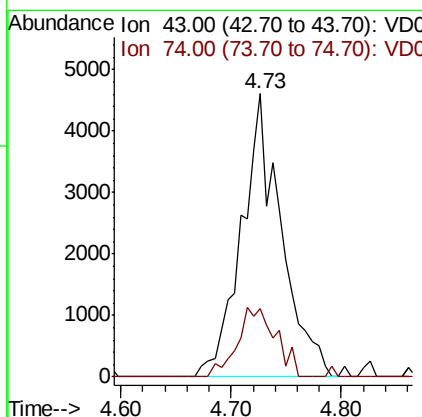
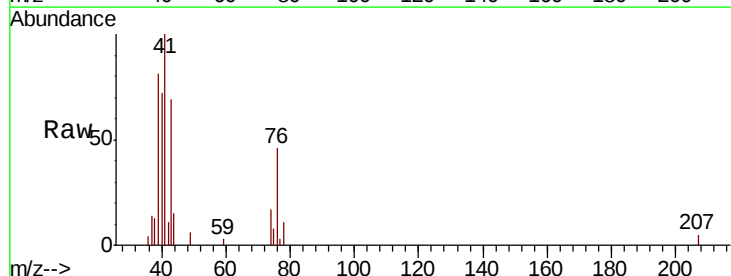
Instrument :
MSVOA_D
ClientSampled :

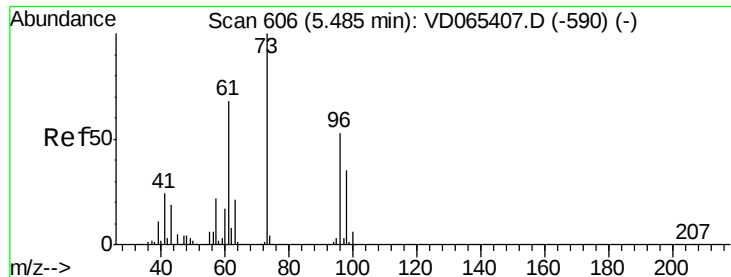
Tot Ion: 76 Resp: 72097
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 6.180 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion: 43 Resp: 11569
Ion Ratio Lower Upper
43 100
74 24.0 19.6 29.4



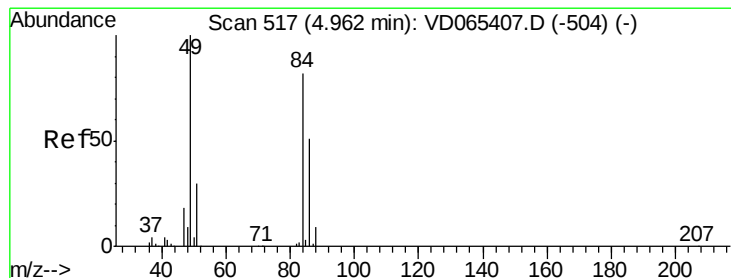
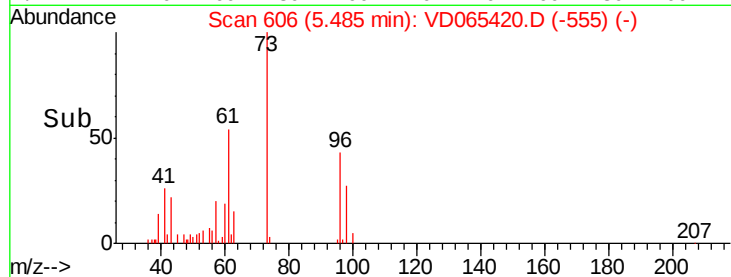
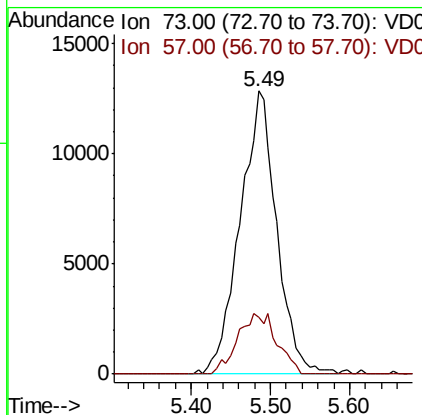
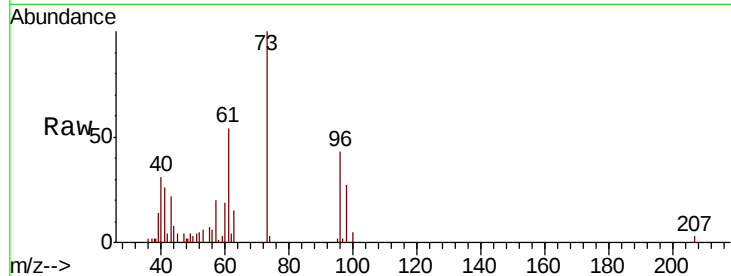


#19

Methyl tert-butyl Ether
 Concen: 5.419 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

Instrument :
 MSVOA_D
 ClientSampled :

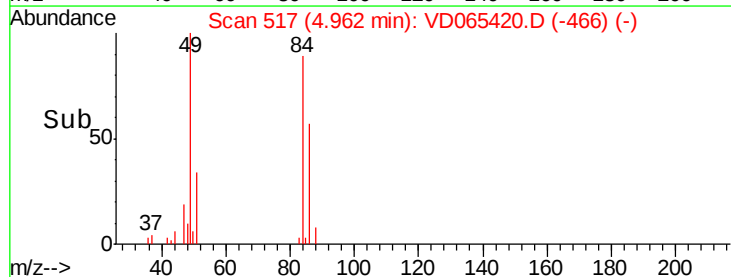
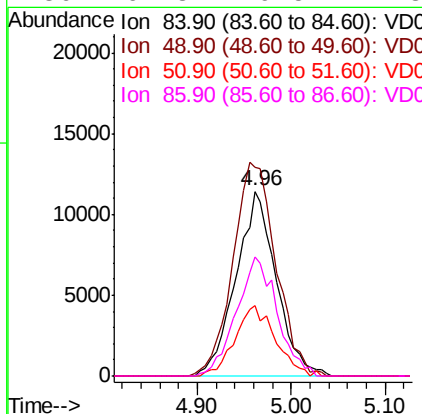
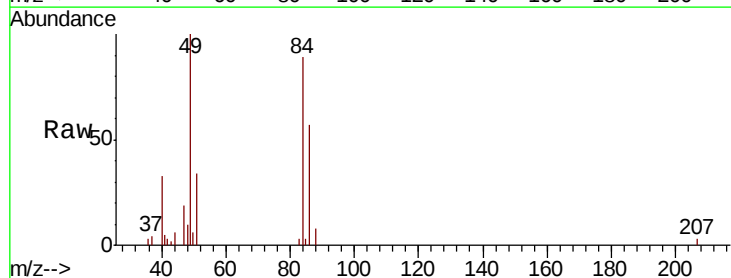
Tot Ion: 73 Resp: 41227
 Ion Ratio Lower Upper
 73 100
 57 20.1 17.3 25.9

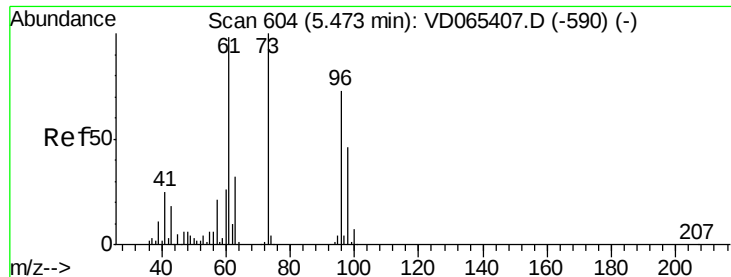


#20

Methylene Chloride
 Concen: 7.442 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

Tgt Ion: 84 Resp: 33976
 Ion Ratio Lower Upper
 84 100
 49 112.9 97.7 146.5
 51 38.4 28.8 43.2
 86 64.3 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 5.626 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

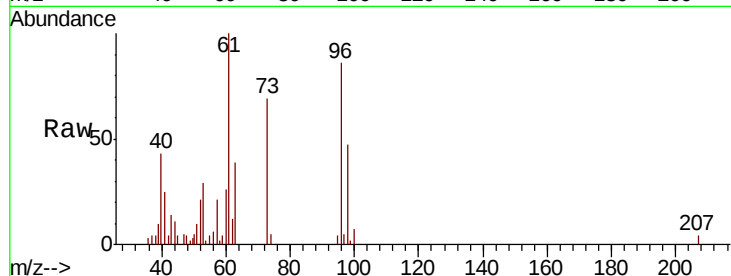
Tot Ion: 96 Resp: 24758

Ion Ratio Lower Upper

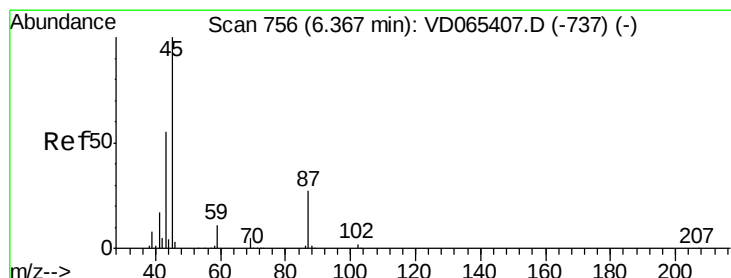
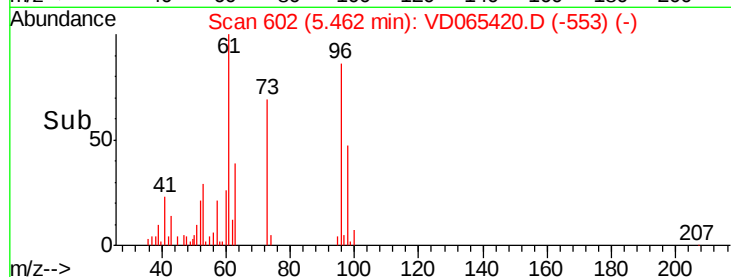
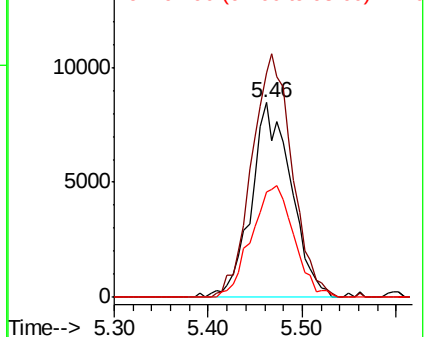
96 100

61 115.7 106.3 159.5

98 54.0 50.2 75.4



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: 5.240 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Tgt Ion: 45 Resp: 59203

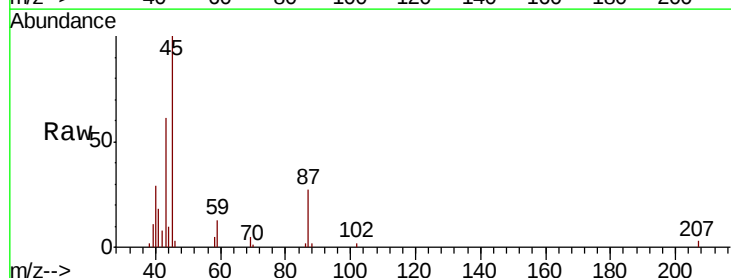
Ion Ratio Lower Upper

45 100

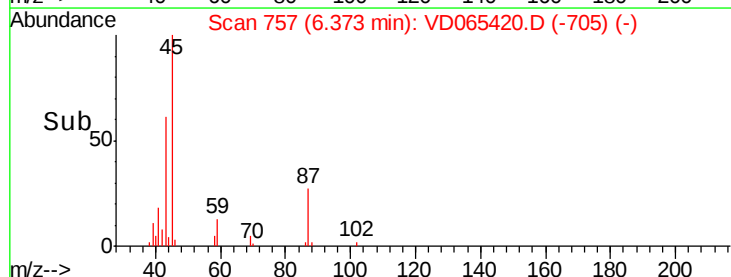
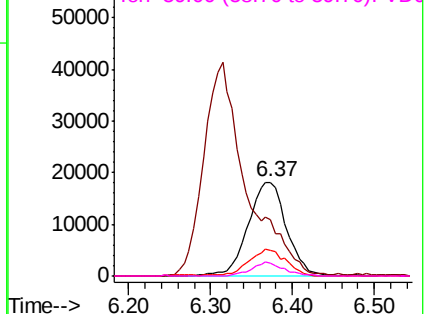
43 58.4 44.4 66.6

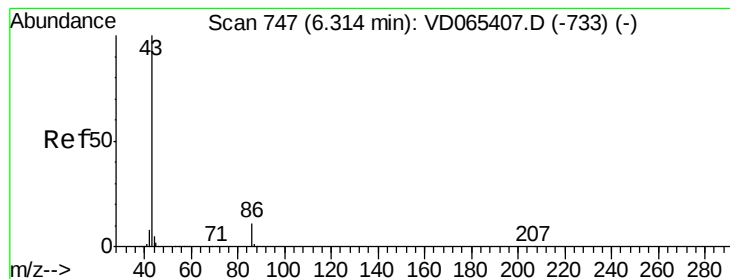
87 27.4 21.9 32.9

59 13.3 9.2 13.8



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: 23.983 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

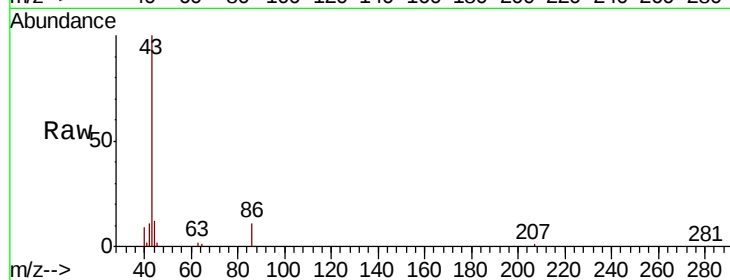
ClientSampleId :

Tot Ion: 43 Resp: 150444

Ion Ratio Lower Upper

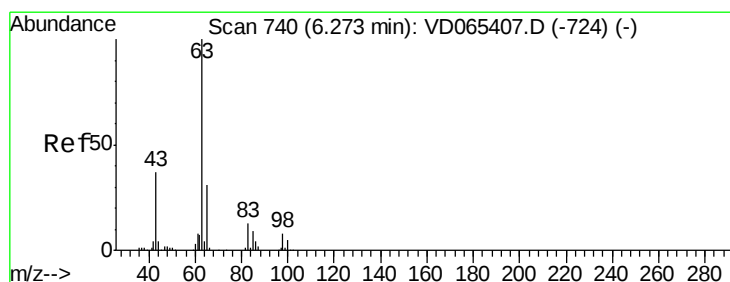
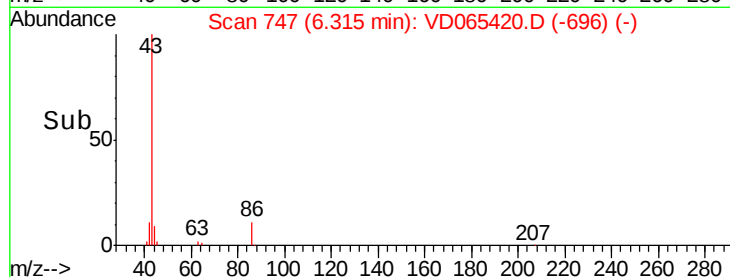
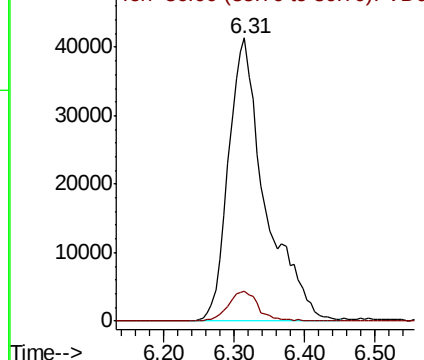
43 100

86 10.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 5.689 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

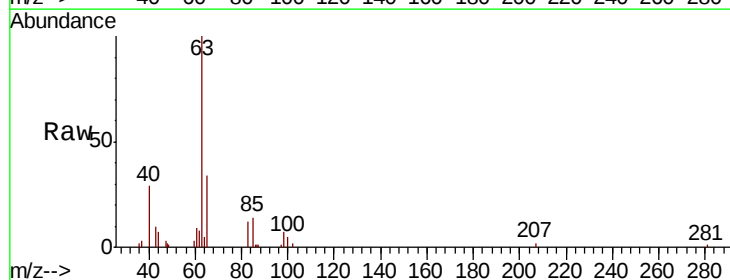
Tgt Ion: 63 Resp: 41225

Ion Ratio Lower Upper

63 100

98 7.2 4.2 12.6

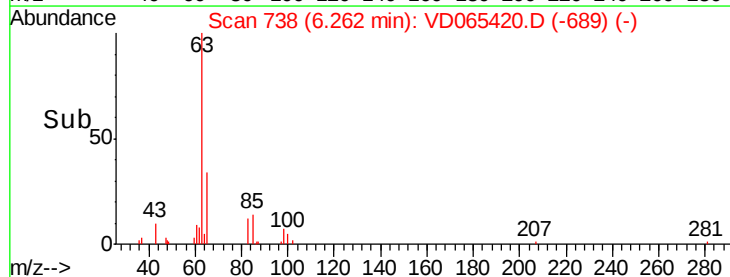
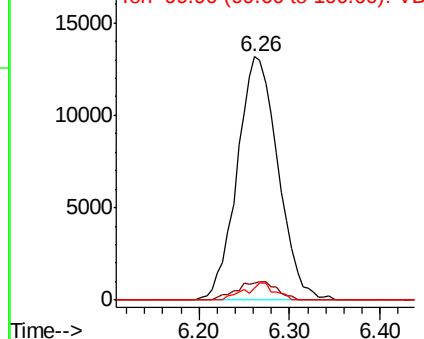
100 4.9 2.4 7.2

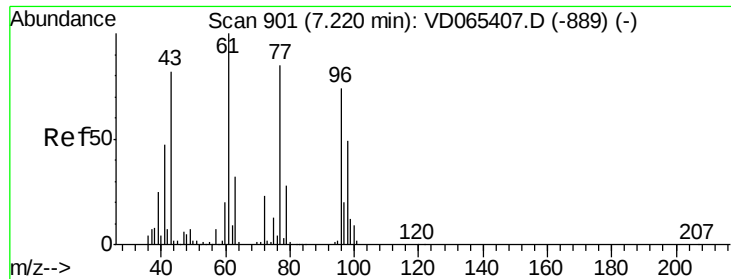


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 25.502 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

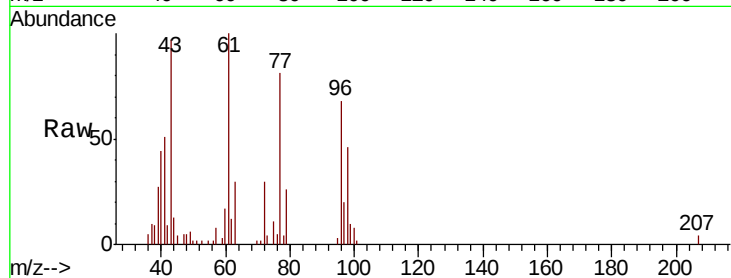
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 25682

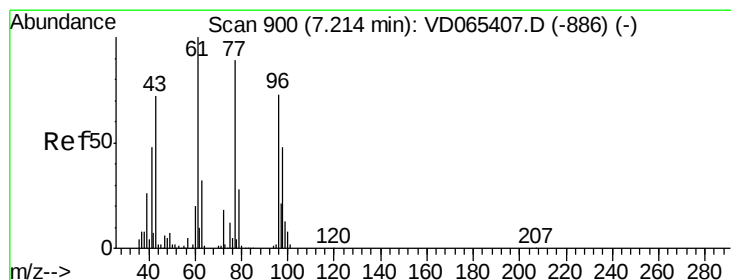
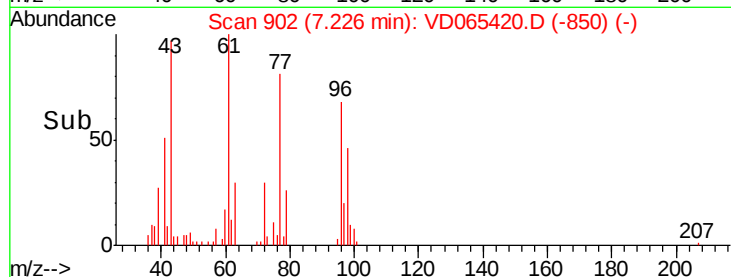
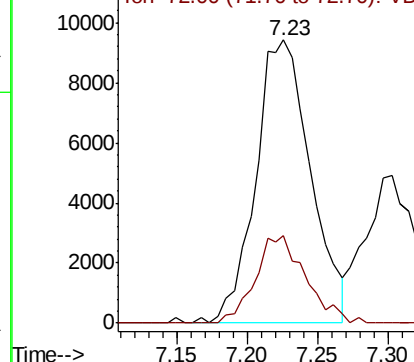
Ion Ratio Lower Upper

43 100

72 30.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 5.315 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD065420.D

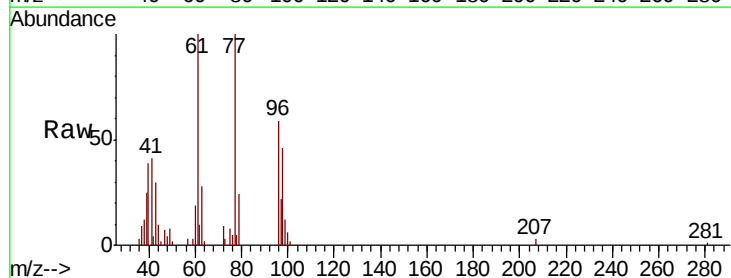
Acq: 04 Mar 2020 19:38

Tgt Ion: 77 Resp: 33658

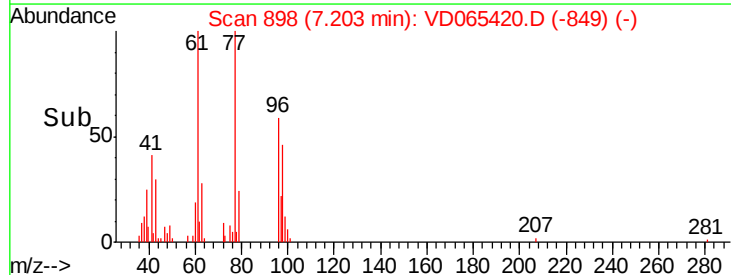
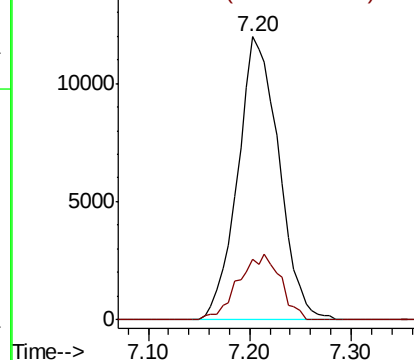
Ion Ratio Lower Upper

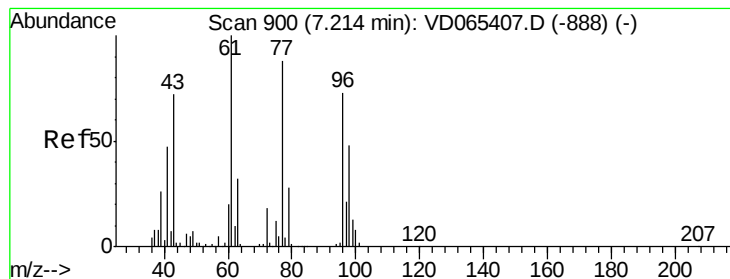
77 100

97 23.8 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VDC
Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 5.591 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

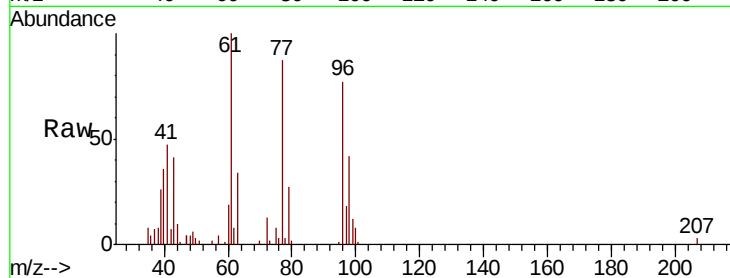
Tot Ion: 96 Resp: 25152

Ion Ratio Lower Upper

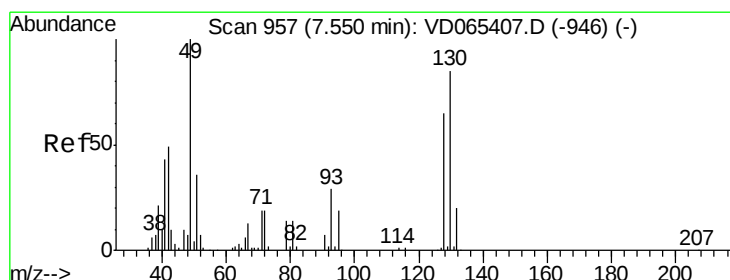
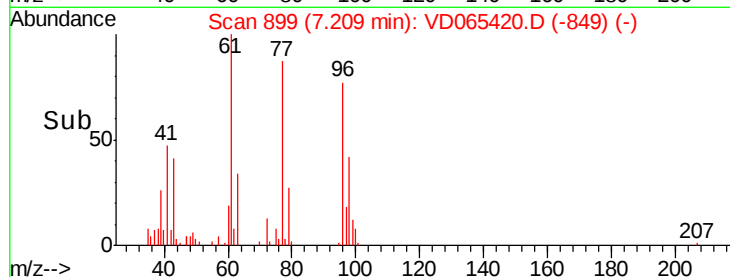
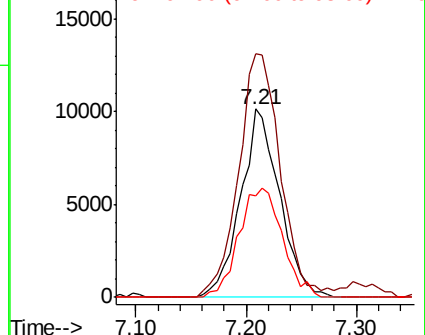
96 100

61 139.0 0.0 280.4

98 64.4 0.0 132.6



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



#28

Bromochloromethane

Concen: 5.801 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

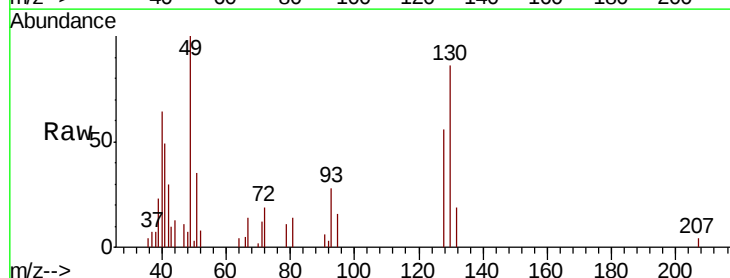
Tgt Ion: 49 Resp: 16819

Ion Ratio Lower Upper

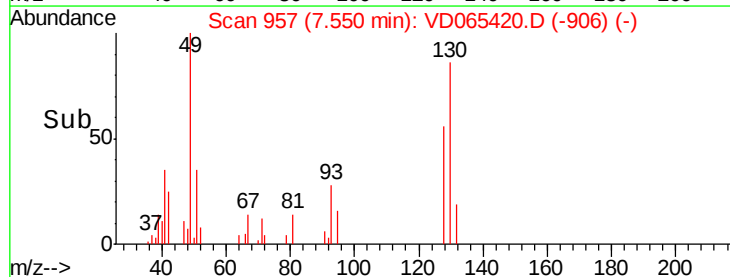
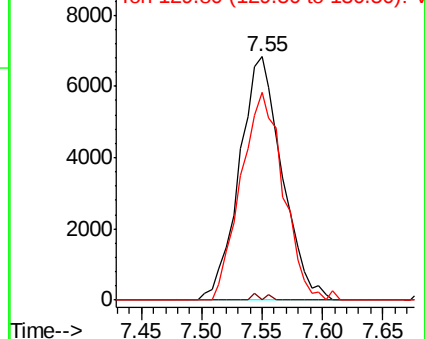
49 100

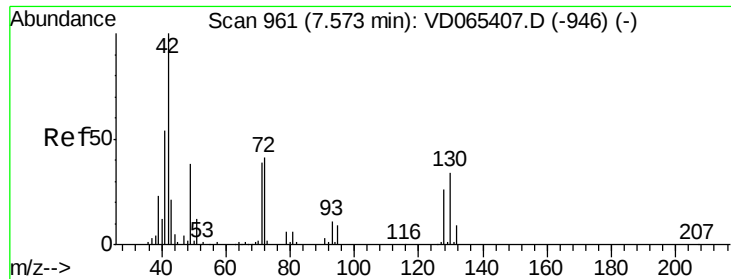
129 0.7 0.0 4.6

130 84.4 66.6 100.0



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

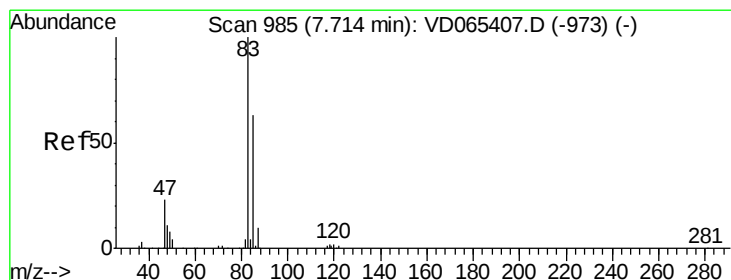
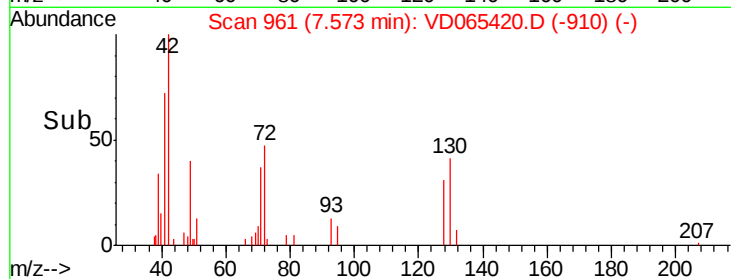
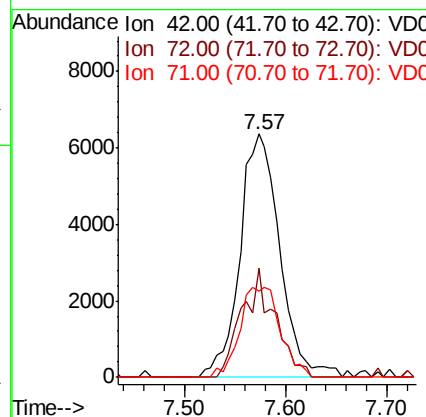
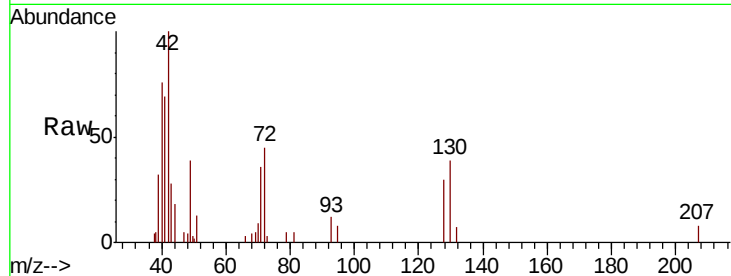




#29
Tetrahydrofuran
Concen: 27.031 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

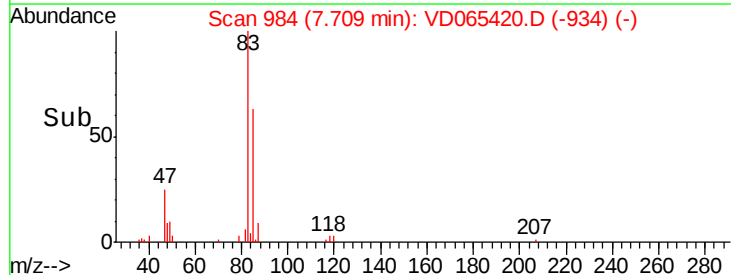
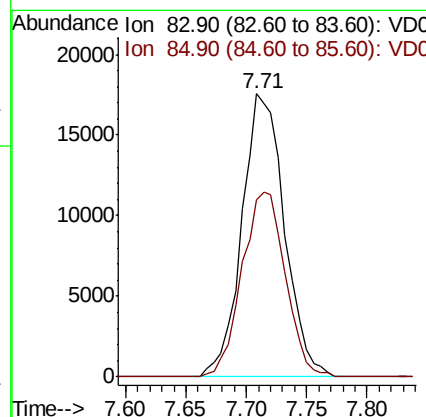
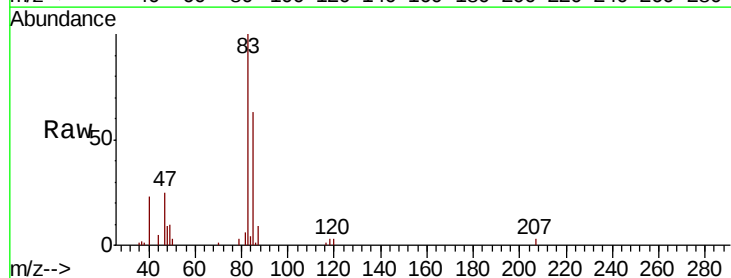
Instrument :
MSVOA_D
ClientSampled :

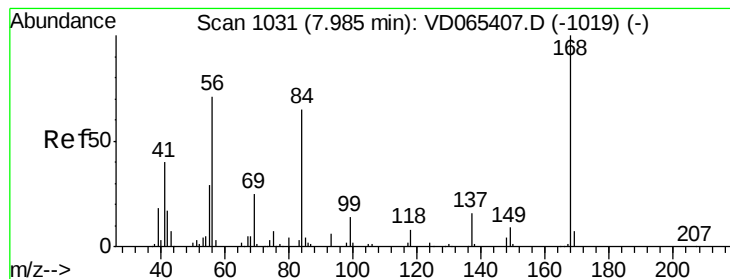
Tot Ion: 42 Resp: 17384
Ion Ratio Lower Upper
42 100
72 37.3 33.0 49.6
71 37.6 32.0 48.0



#30
Chloroform
Concen: 5.930 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion: 83 Resp: 42953
Ion Ratio Lower Upper
83 100
85 62.5 50.3 75.5





#31

Cyclohexane

Concen: 5.678 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

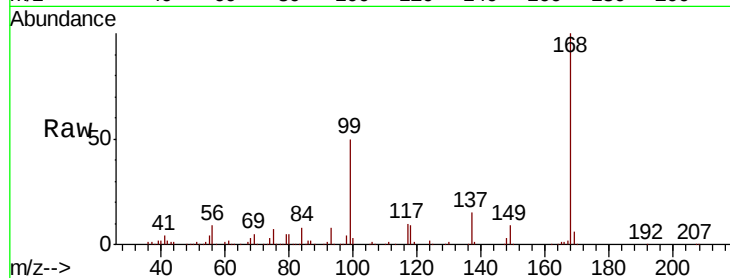
Tot Ion: 56 Resp: 41144

Ion Ratio Lower Upper

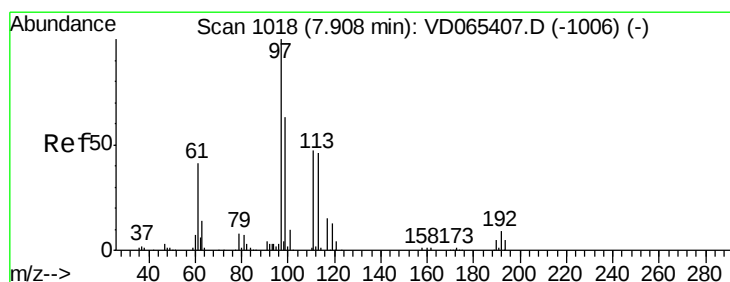
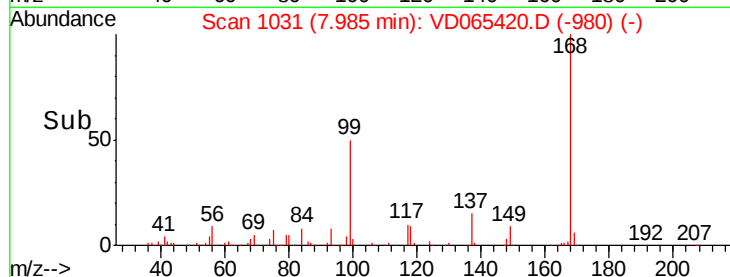
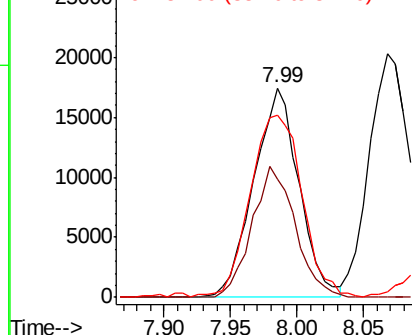
56 100

69 56.6 28.3 42.5#

84 86.8 73.1 109.7



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: 5.563 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

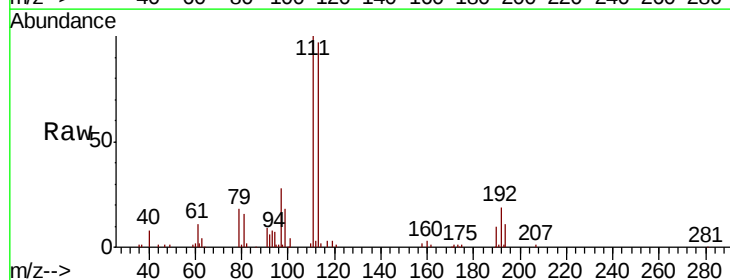
Tgt Ion: 97 Resp: 37237

Ion Ratio Lower Upper

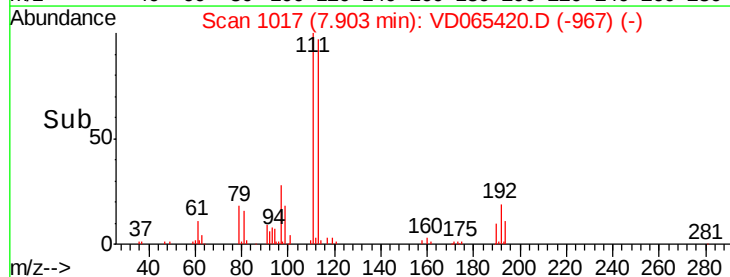
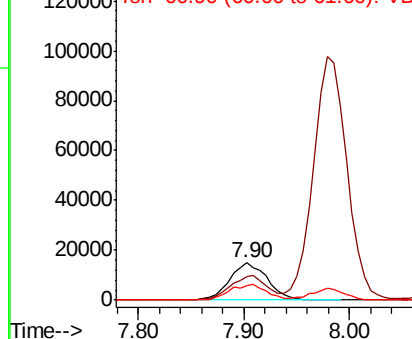
97 100

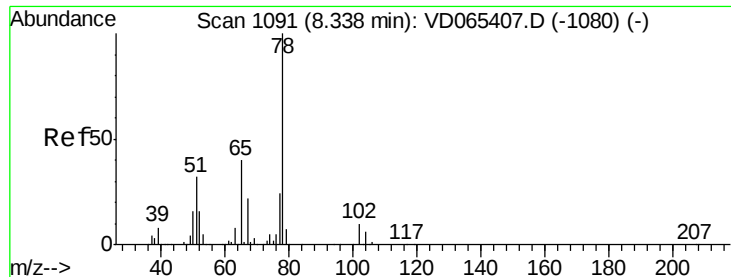
99 62.4 50.9 76.3

61 41.0 33.2 49.8



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

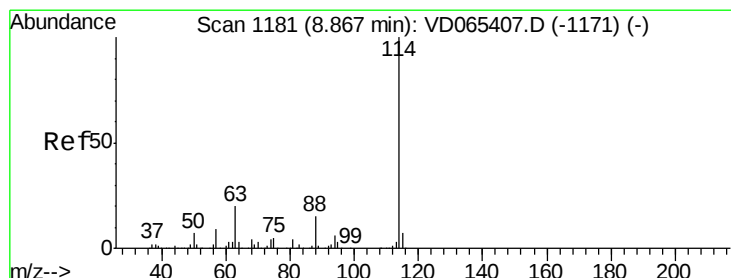
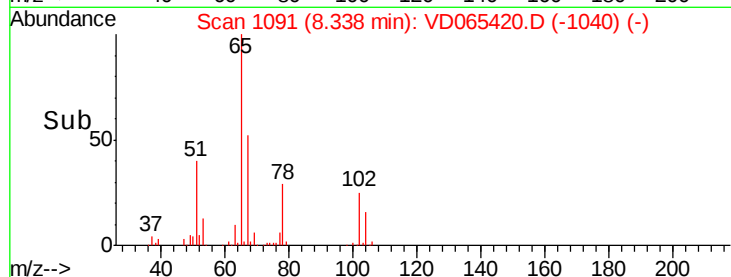
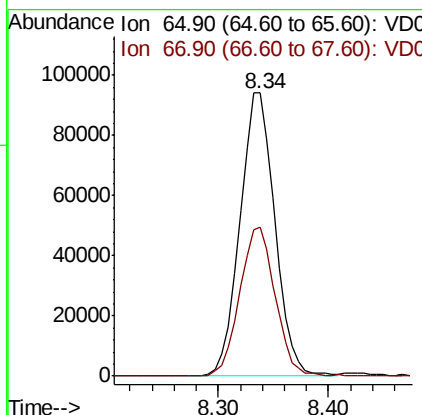
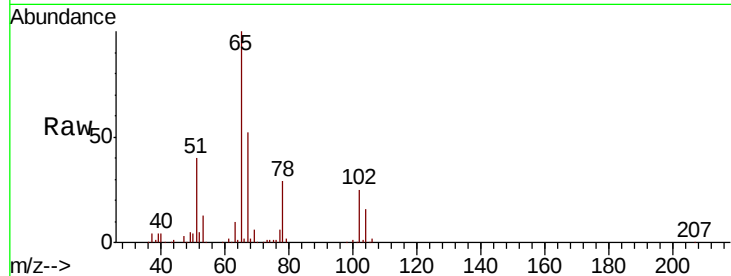




#33
 1,2-Dichloroethane-d4
 Concen: 57.459 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

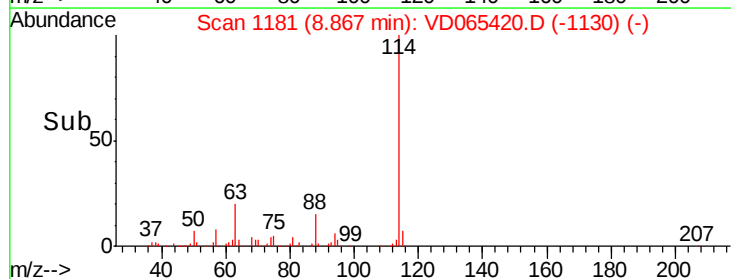
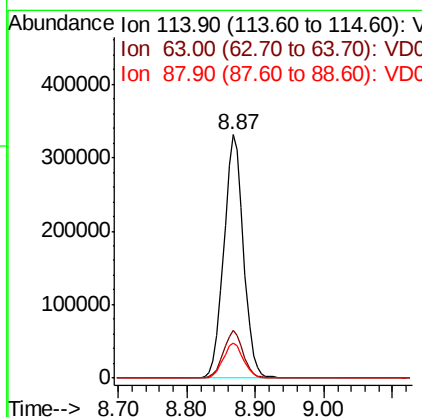
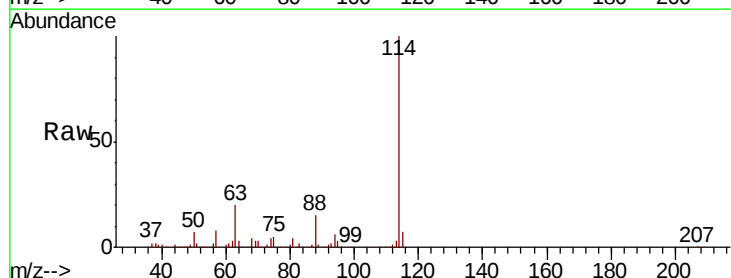
Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 65 Resp: 209664
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

Tgt Ion: 114 Resp: 658053
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 14.6 0.0 30.4

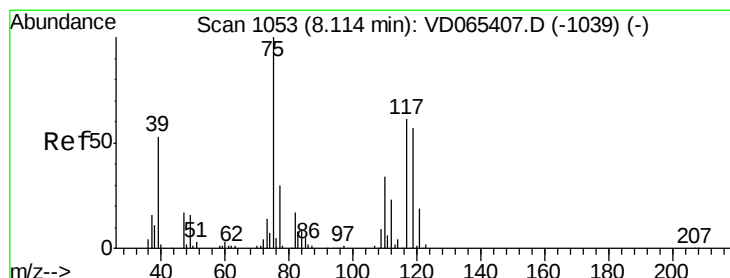
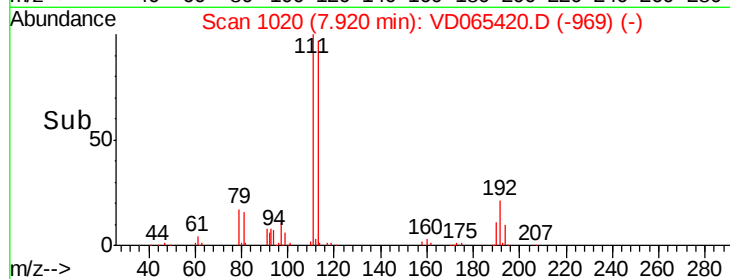
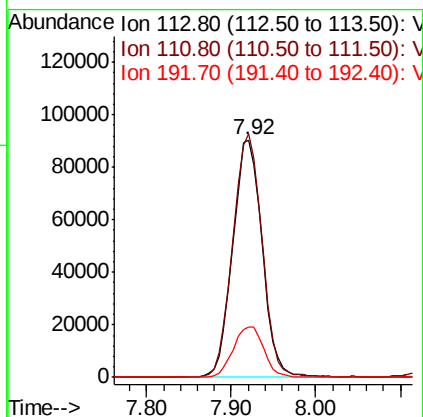
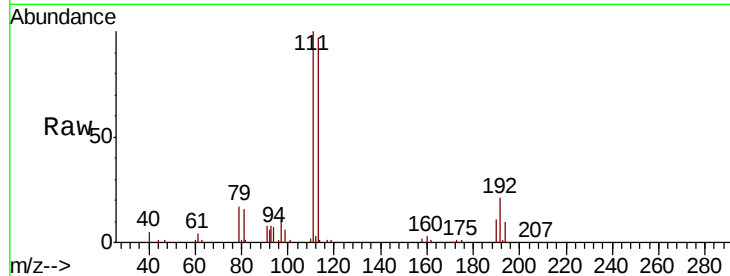




#35
Dibromofluoromethane
Concen: 53.214 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

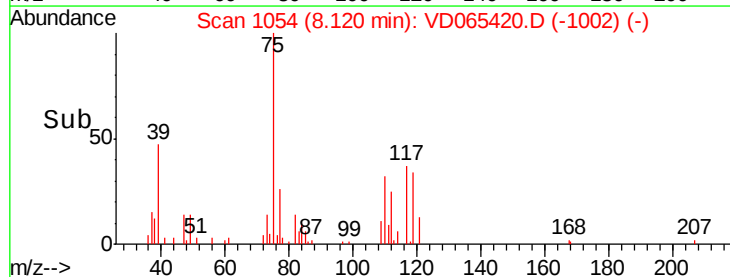
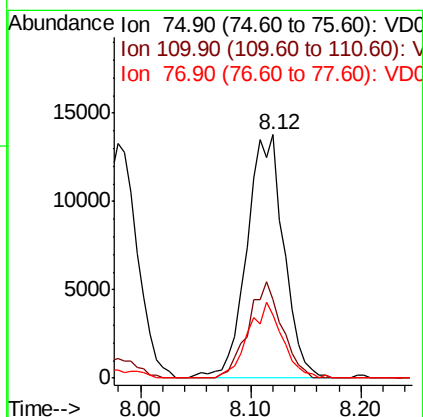
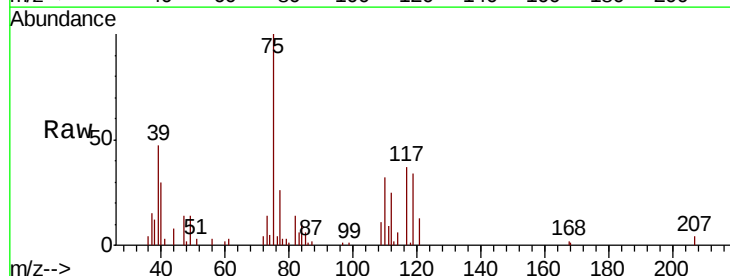
Instrument :
MSVOA_D
ClientSampleId :

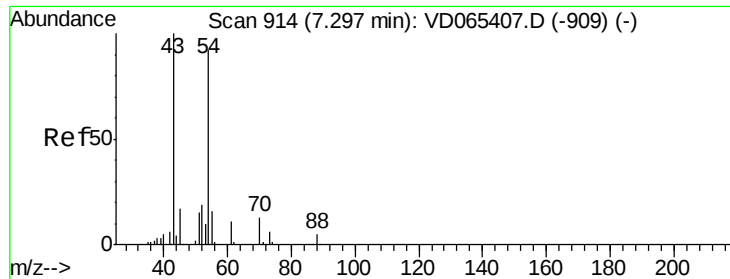
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	22.2	17.2	25.8



#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 8.12 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.1	54.1
77	28.9	25.2	37.8

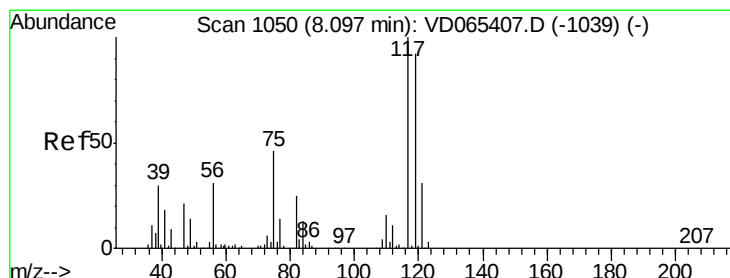
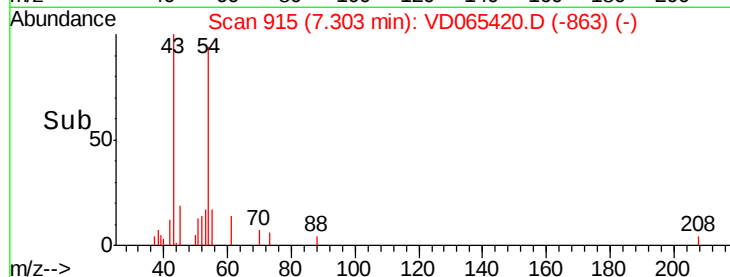
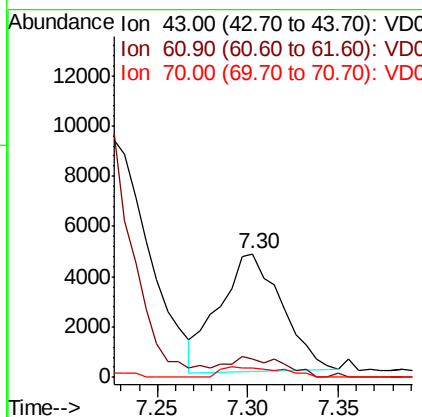
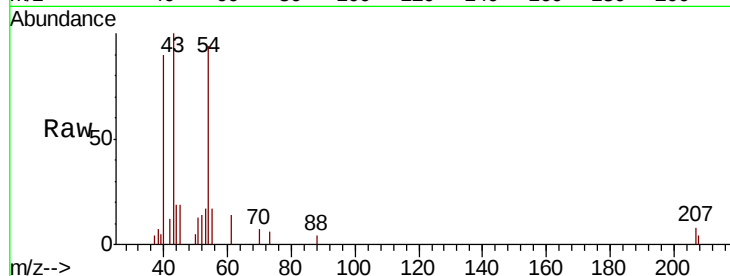




#37
Ethyl Acetate
Concen: 4.611 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

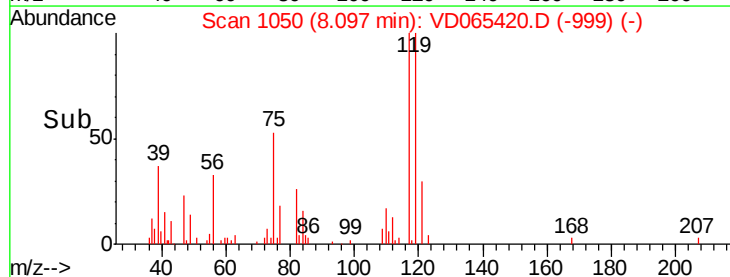
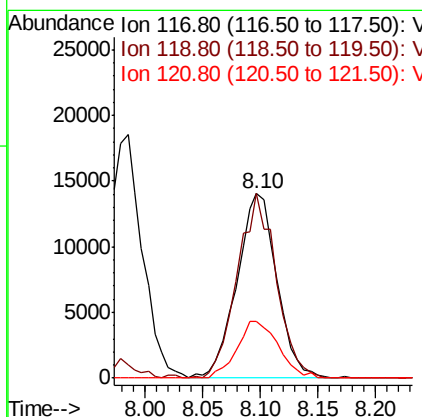
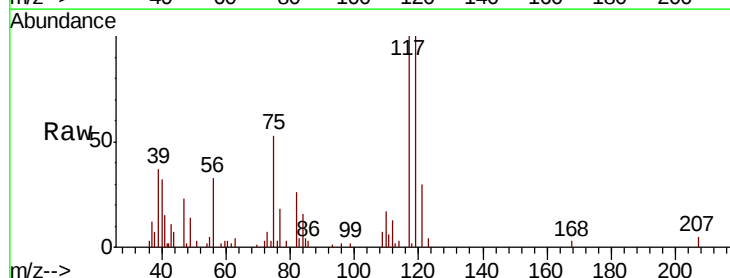
Instrument :
MSVOA_D
ClientSampleID :

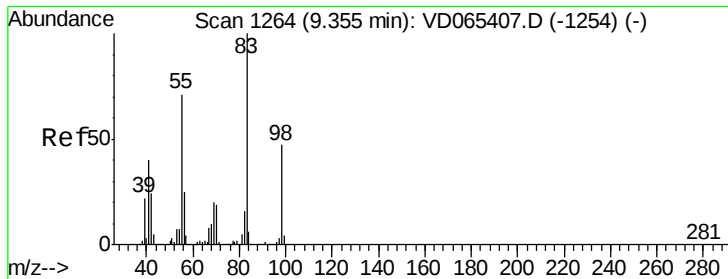
Tot Ion: 43 Resp: 11241
Ion Ratio Lower Upper
43 100
61 15.6 11.4 17.0
70 8.6 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 5.172 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion: 117 Resp: 33831
Ion Ratio Lower Upper
117 100
119 100.5 73.3 109.9
121 30.6 25.0 37.4

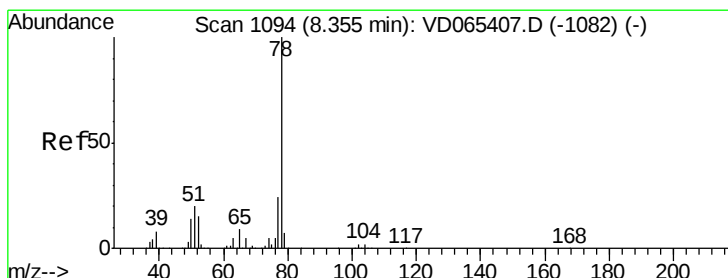
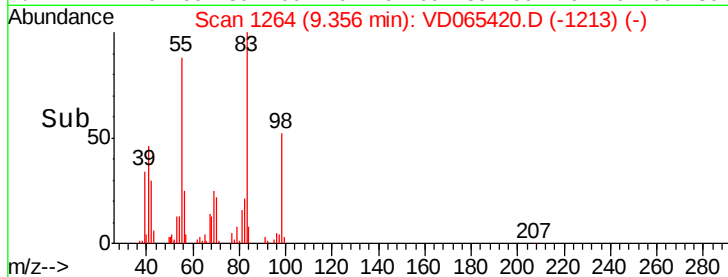
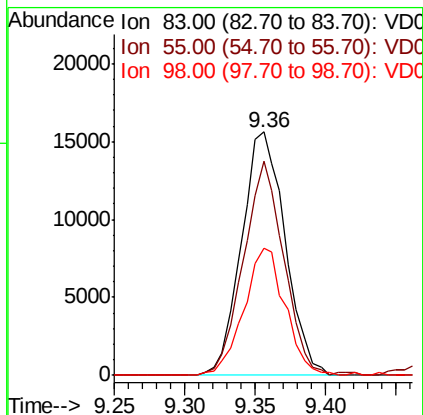
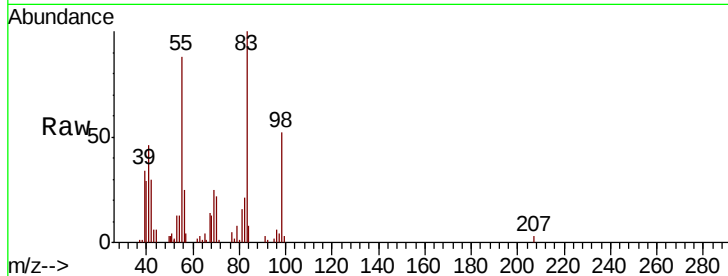




#39
Methvlcvclohexane
Concen: 4.436 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

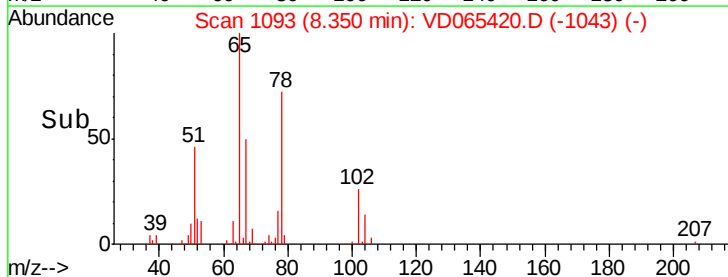
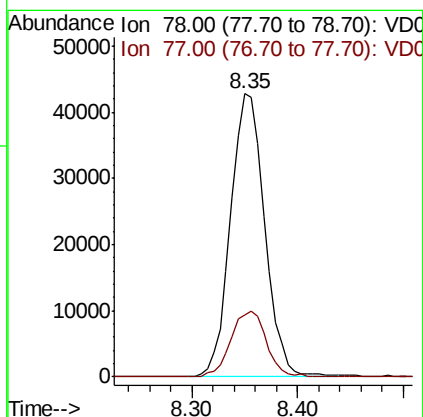
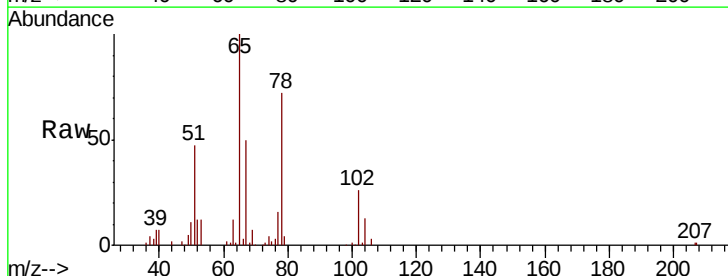
Instrument :
MSVOA_D
ClientSampled :

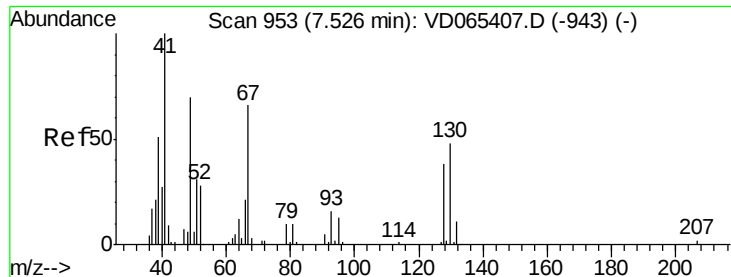
Tot Ion: 83 Resp: 33793
Ion Ratio Lower Upper
83 100
55 88.1 57.1 85.7#
98 52.3 37.8 56.8



#40
Benzene
Concen: 5.434 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion: 78 Resp: 95845
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.0

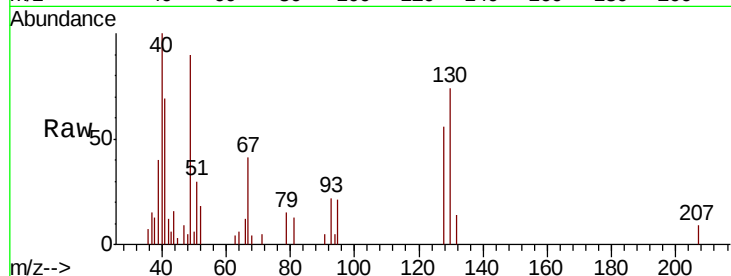




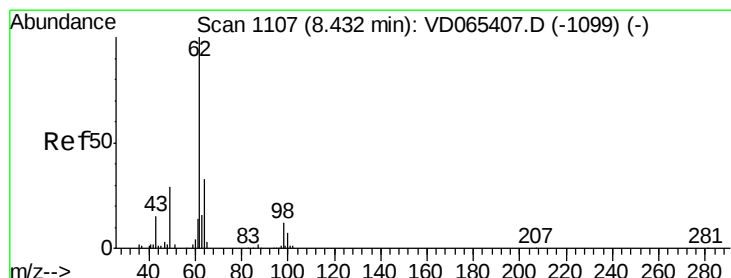
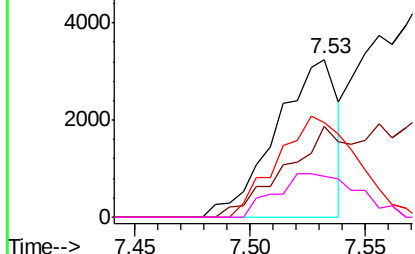
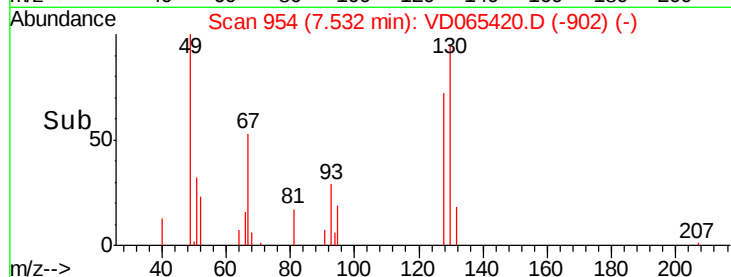
#41
Methacrylonitrile
Concen: 4.663 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	41	Resp:	6012
Ion	Ratio	Lower	Upper
41	100		
39	59.8	55.0	82.6
67	82.9	70.3	105.5
52	36.8	30.7	46.1

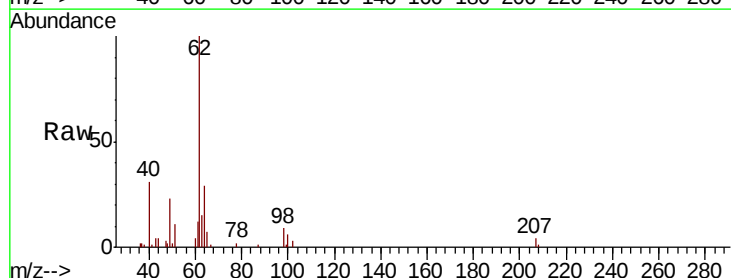


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

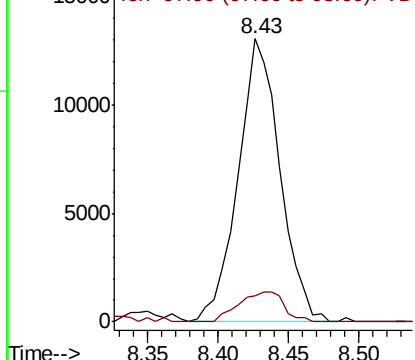
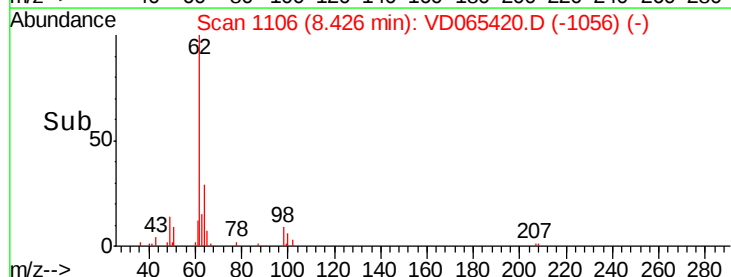


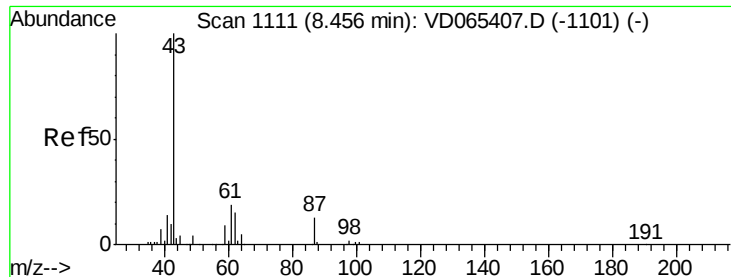
#42
1,2-Dichloroethane
Concen: 5.894 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion:	62	Resp:	27144
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	21.4



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





#43

Isopropyl Acetate

Concen: 5.371 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

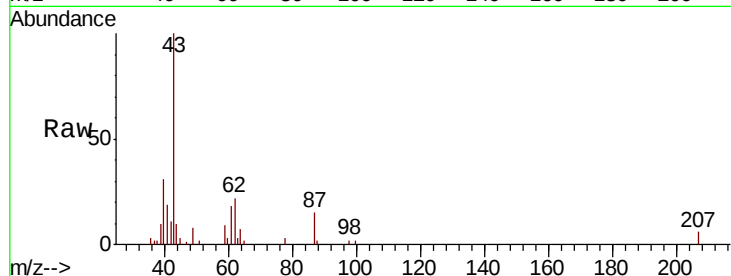
Tot Ion: 43 Resp: 24177

Ion Ratio Lower Upper

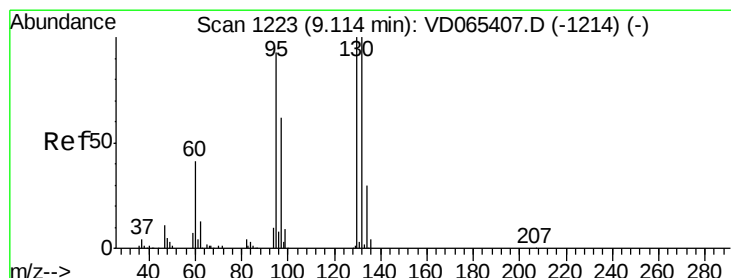
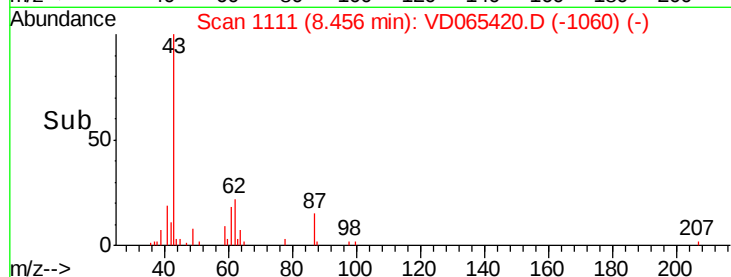
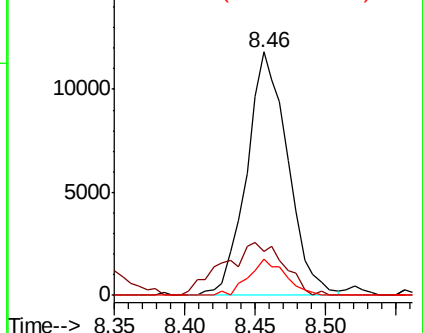
43 100

61 31.6 25.0 37.6

87 13.2 11.0 16.4



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: 5.205 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065420.D

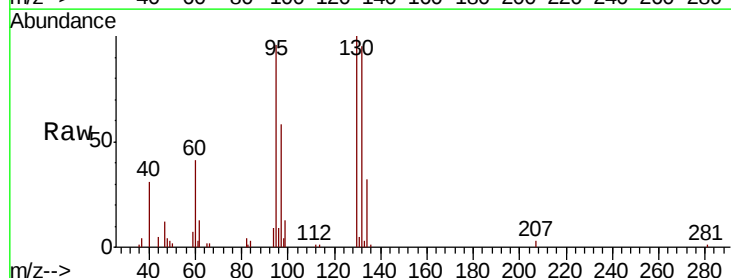
Acq: 04 Mar 2020 19:38

Tgt Ion: 130 Resp: 25925

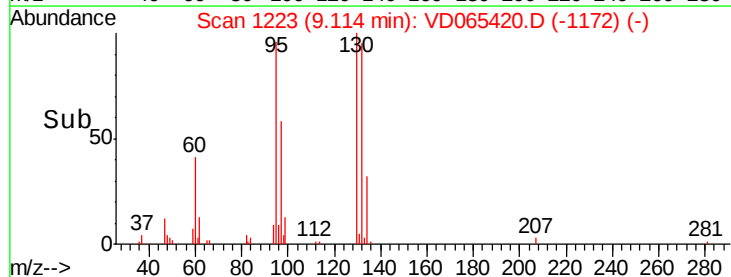
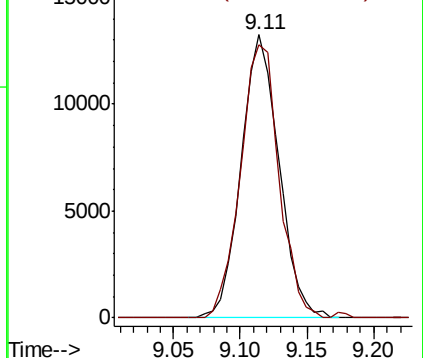
Ion Ratio Lower Upper

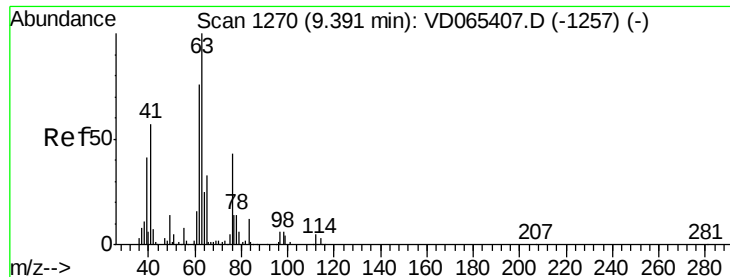
130 100

95 96.4 0.0 186.0



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

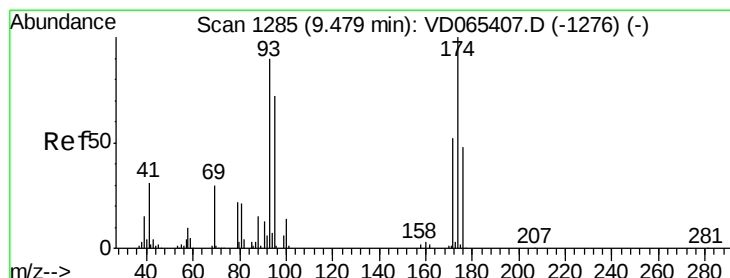
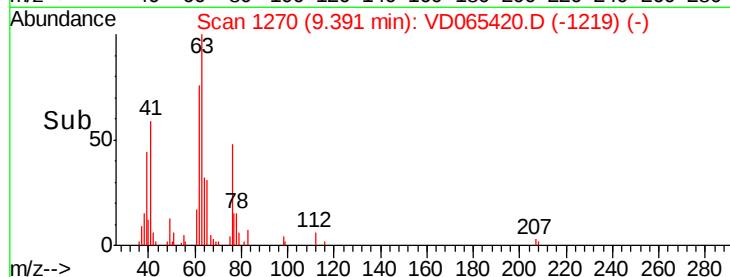
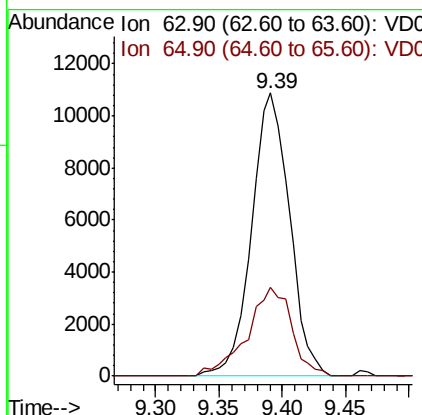
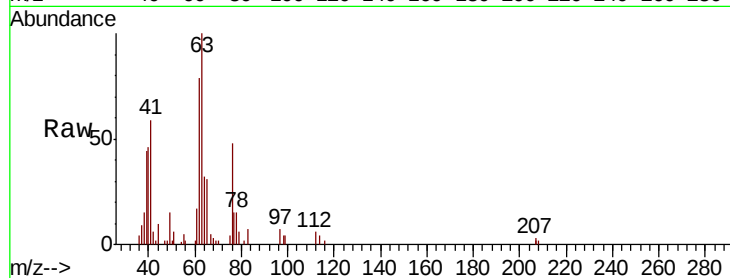




#45
 1,2-Dichloropropane
 Concen: 5.311 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

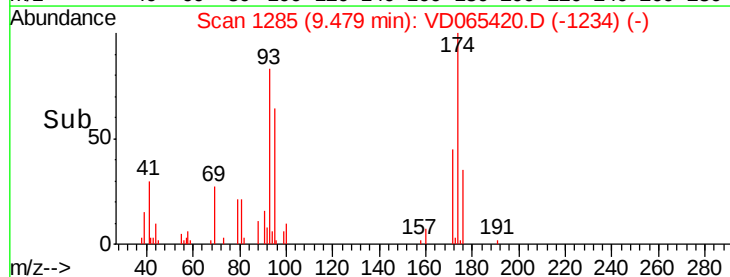
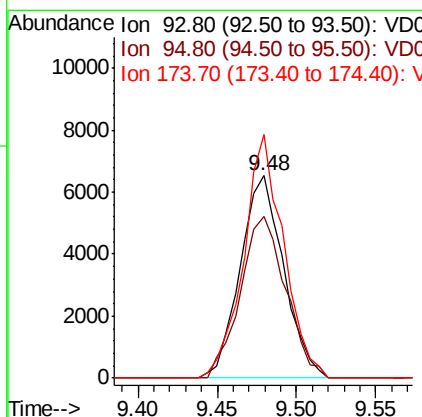
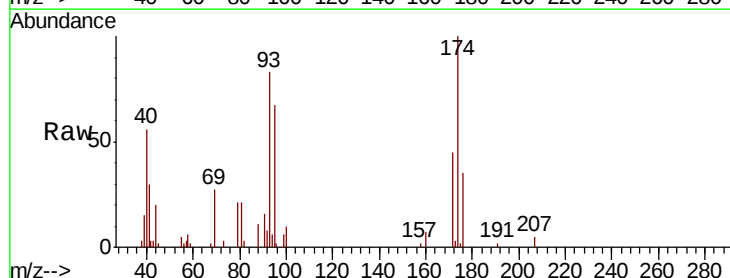
Instrument :
 MSVOA_D
 ClientSampled :

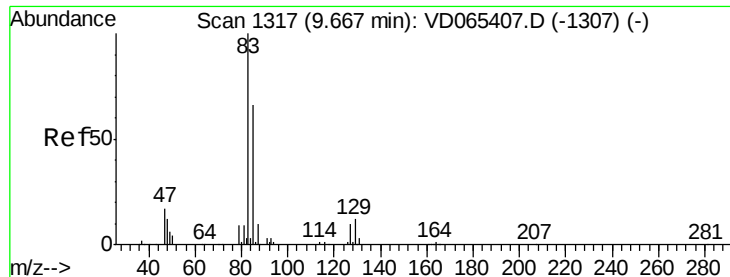
Tot Ion: 63 Resp: 22688
 Ion Ratio Lower Upper
 63 100
 65 31.4 26.4 39.6



#46
 Dibromomethane
 Concen: 5.605 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

Tgt Ion: 93 Resp: 12421
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.0 97.6
 174 110.4 88.3 132.5





#47

Bromodichloromethane

Concen: 5.476 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

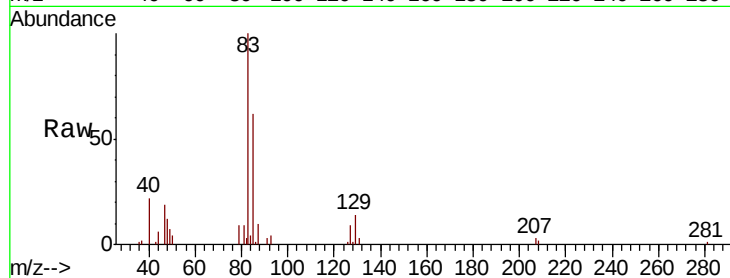
Tot Ion: 83 Resp: 31567

Ion Ratio Lower Upper

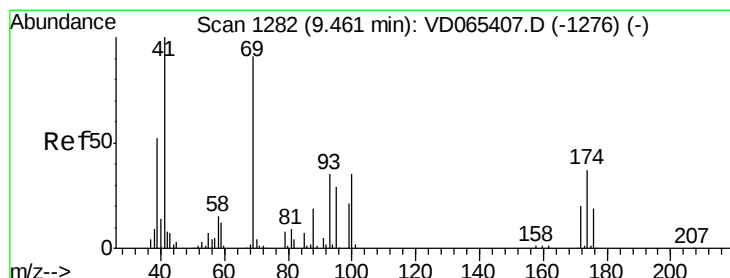
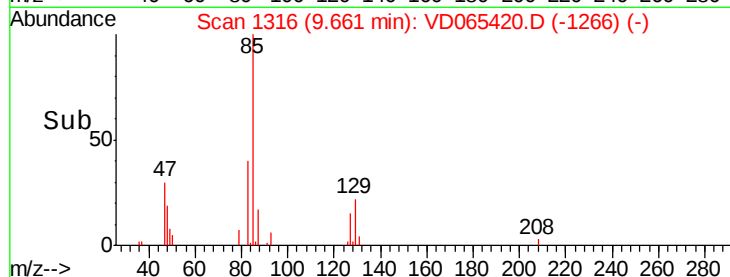
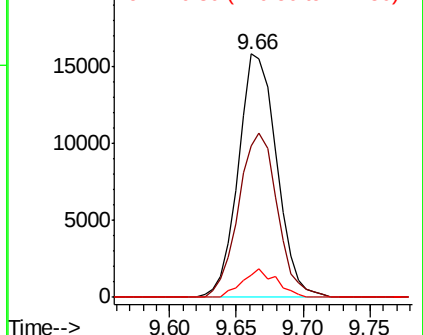
83 100

85 62.0 52.8 79.2

127 9.3 8.0 12.0



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: 5.125 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

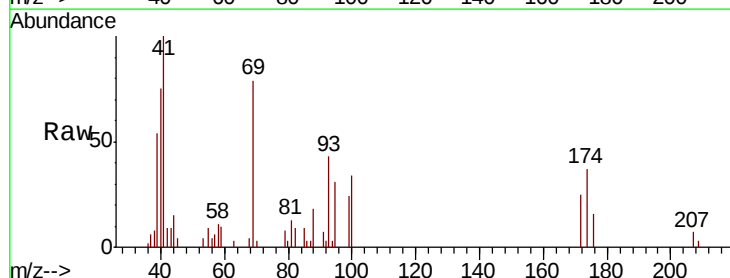
Tgt Ion: 41 Resp: 10852

Ion Ratio Lower Upper

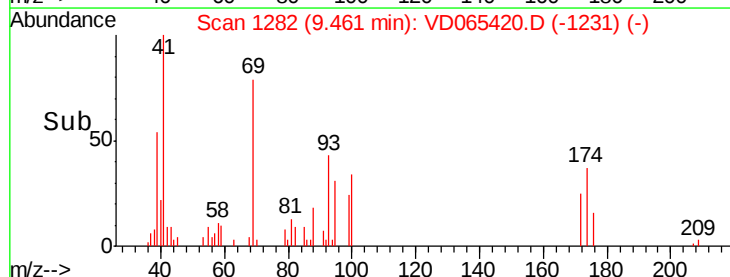
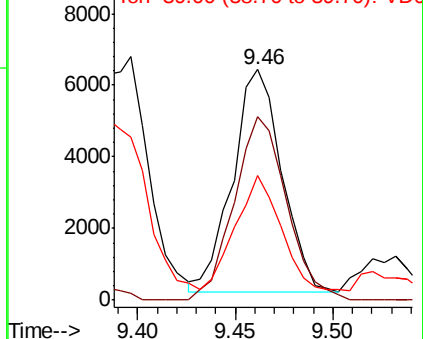
41 100

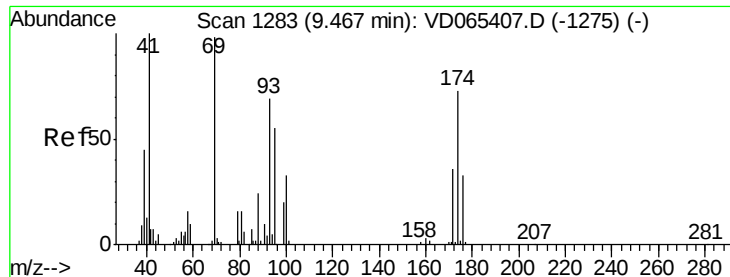
69 87.9 72.5 108.7

39 56.6 41.6 62.4



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

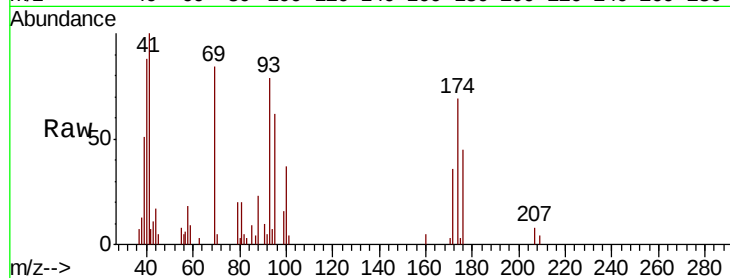




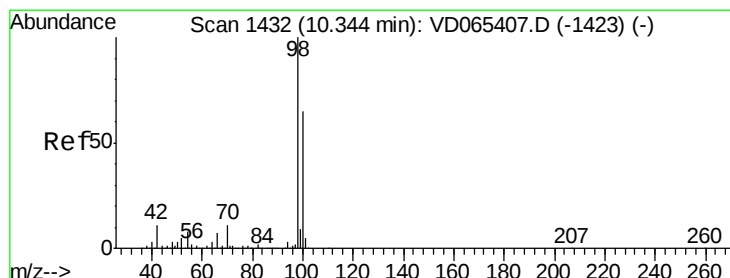
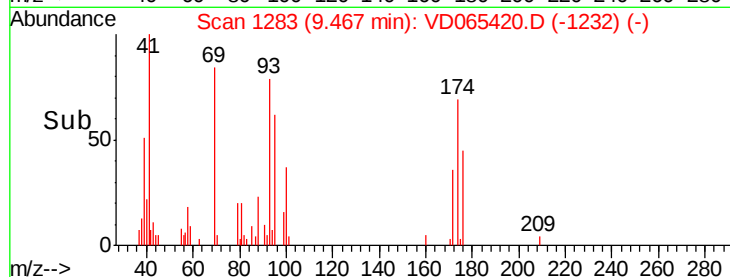
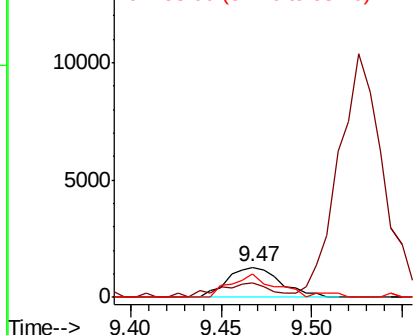
#49
1,4-Dioxane
Concen: 103.008 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 2611
Ion Ratio Lower Upper
88 100
43 48.1 24.5 36.7#
58 62.3 54.5 81.7

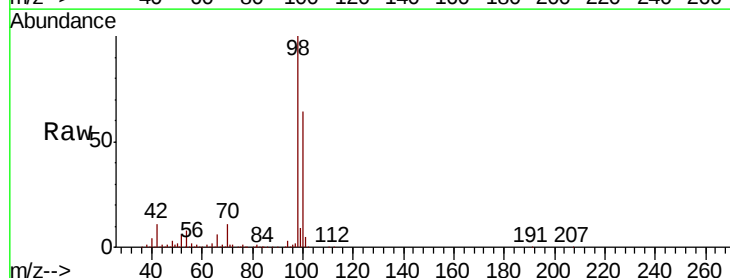


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

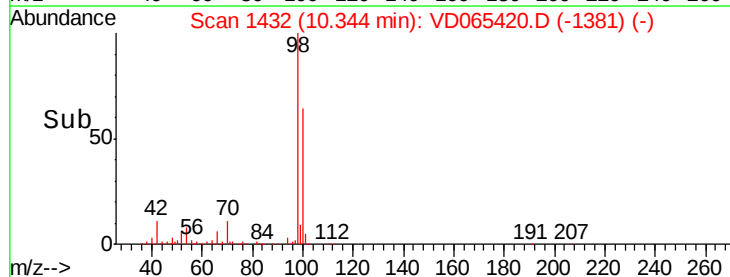
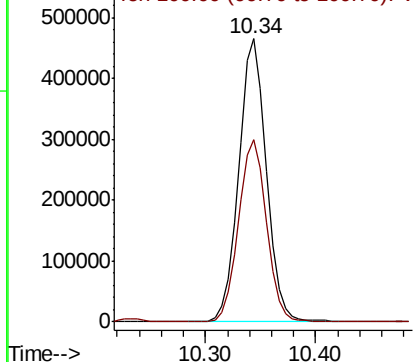


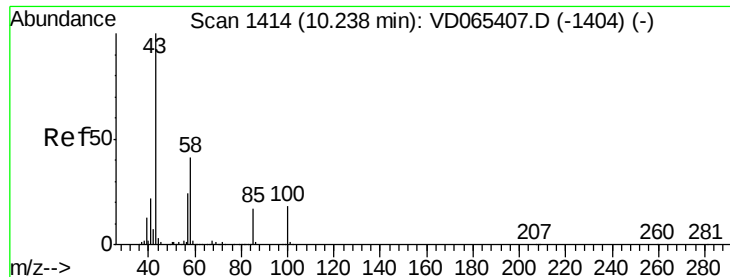
#50
Toluene-d8
Concen: 52.390 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion: 98 Resp: 817911
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2



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: 25.096 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

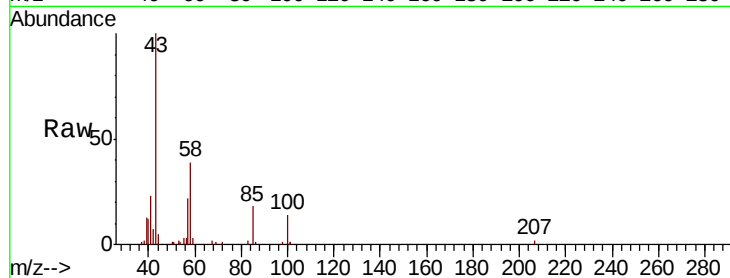
ClientSampleId :

Tot Ion: 43 Resp: 56851

Ion Ratio Lower Upper

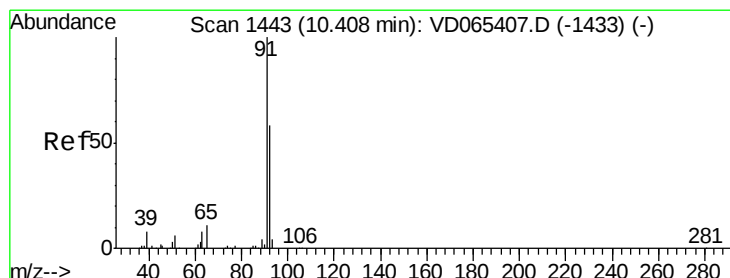
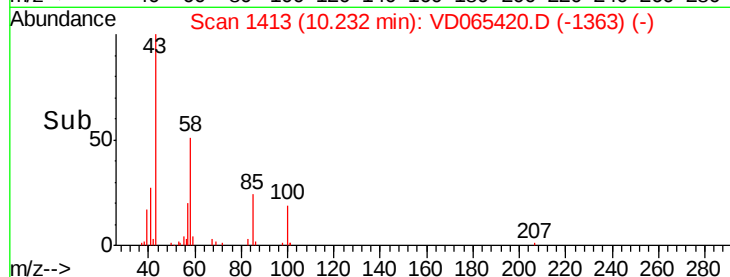
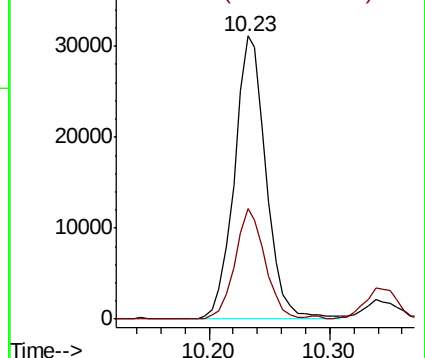
43 100

58 37.3 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 5.367 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD065420.D

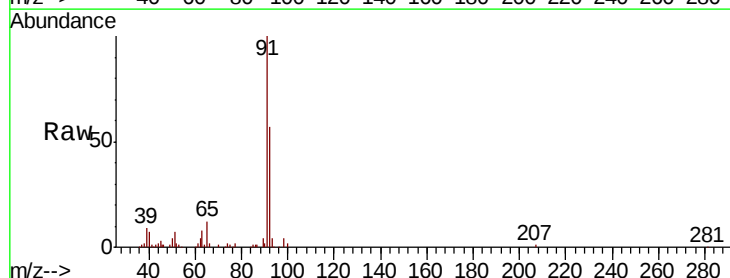
Acq: 04 Mar 2020 19:38

Tgt Ion: 92 Resp: 59629

Ion Ratio Lower Upper

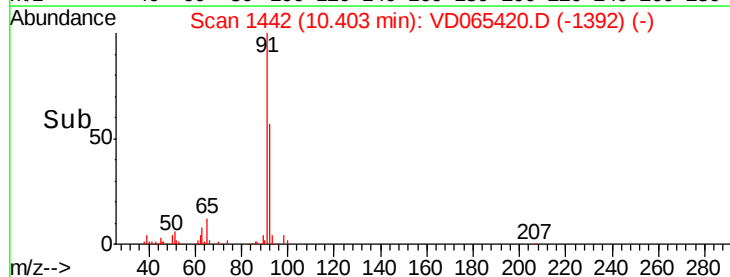
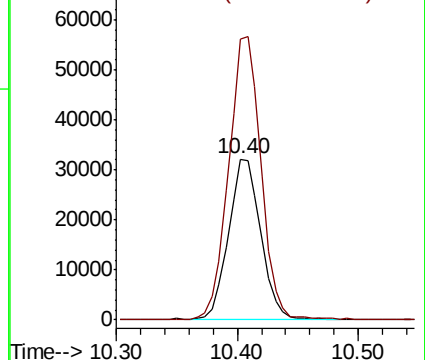
92 100

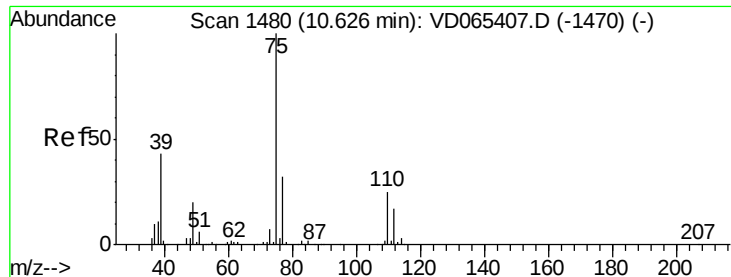
91 177.5 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 5.179 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

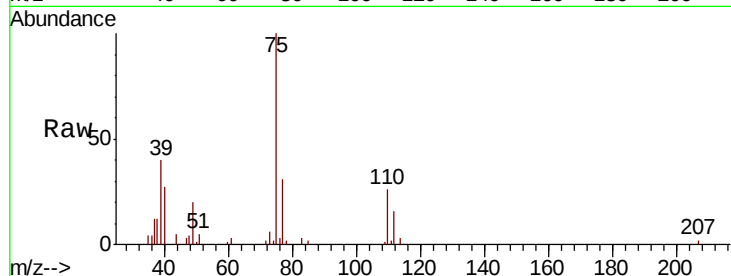
ClientSampleId :

Tot Ion: 75 Resp: 27900

Ion Ratio Lower Upper

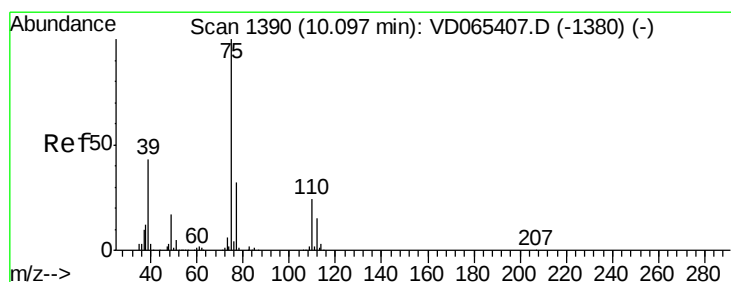
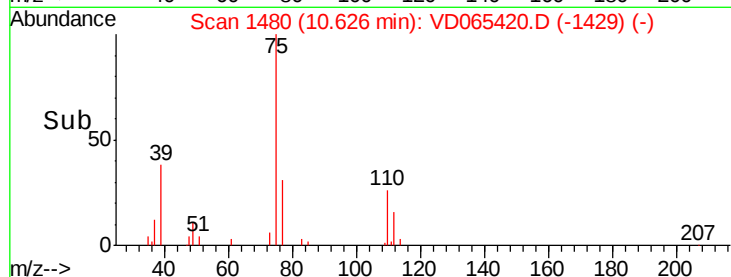
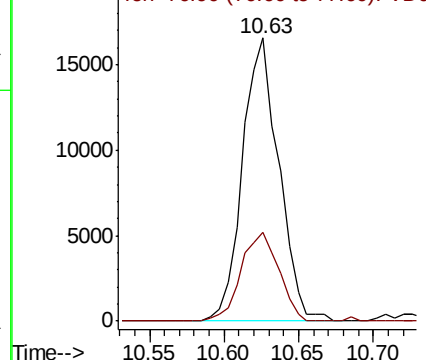
75 100

77 31.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 4.979 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

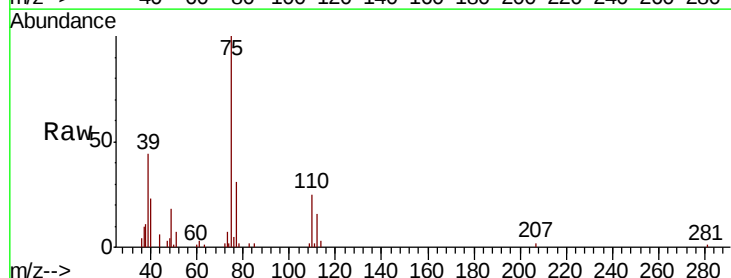
Tgt Ion: 75 Resp: 32470

Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9

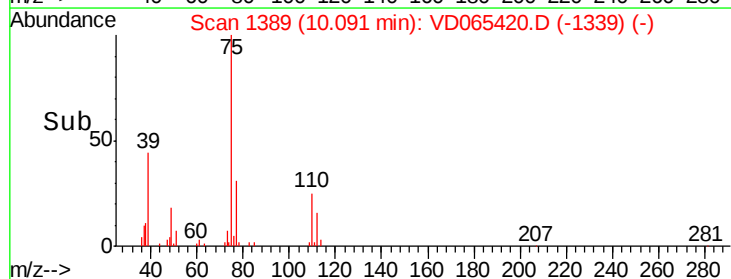
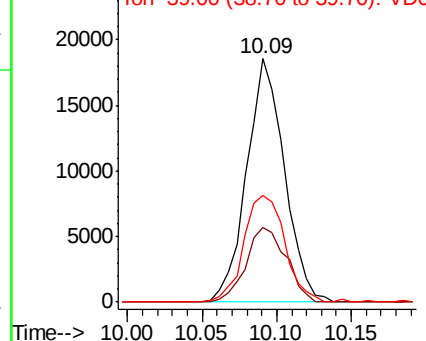
39 43.9 34.6 52.0

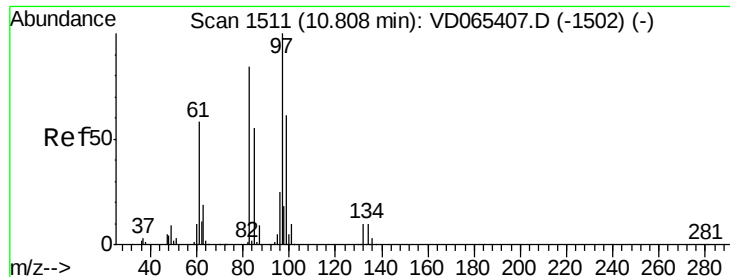


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

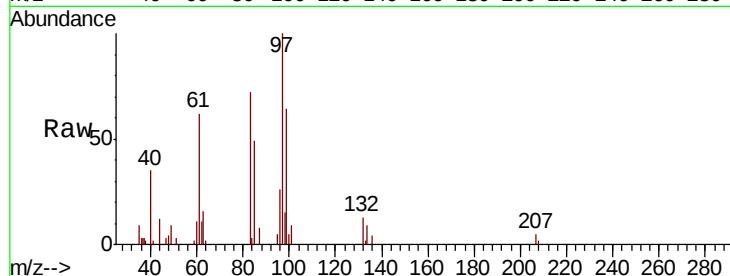




#55
 1,1,2-Trichloroethane
 Concen: 5.829 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	18295
Ion	Ratio	Lower	Upper
97	100		
83	72.5	67.4	101.0
85	48.6	43.8	65.8
99	63.5	48.8	73.2



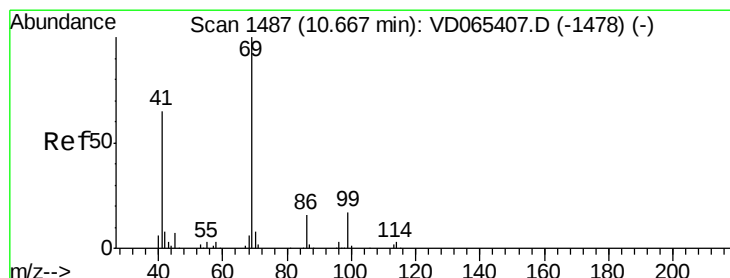
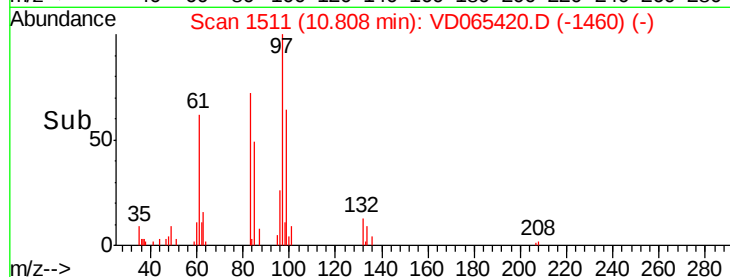
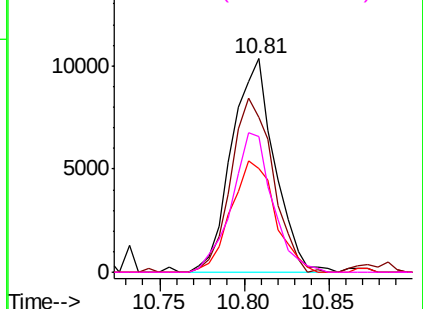
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

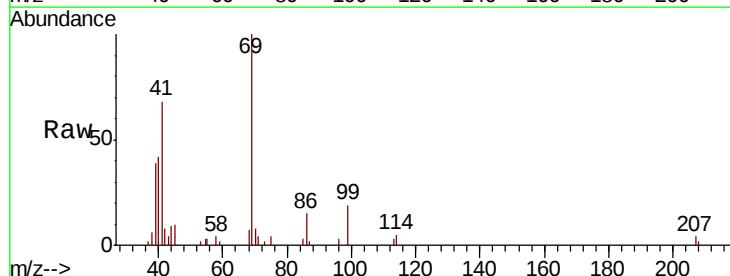
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 4.733 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

Tgt Ion:	69	Resp:	16746
Ion	Ratio	Lower	Upper
69	100		
41	72.0	53.0	79.6
39	34.1	26.0	39.0

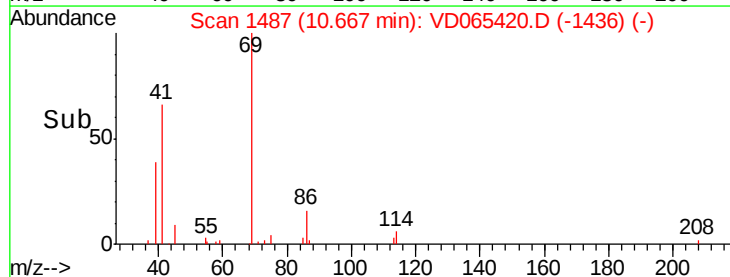
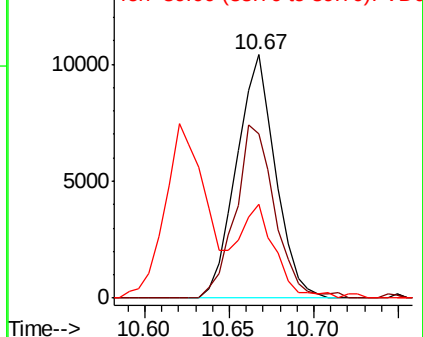


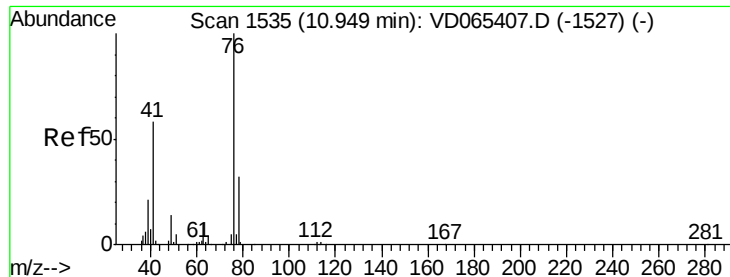
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

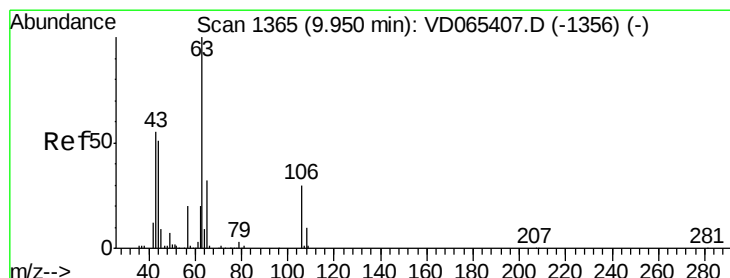
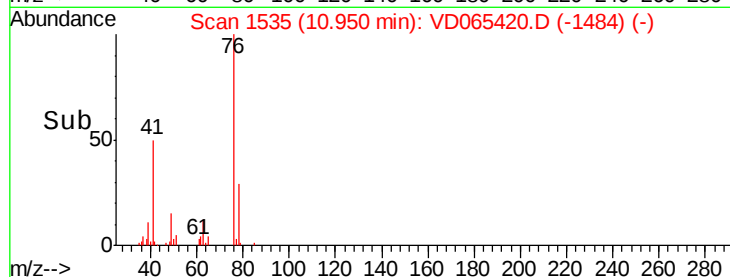
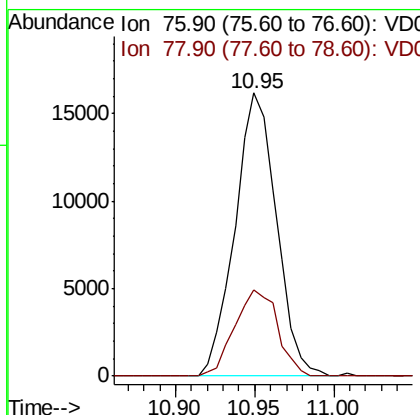
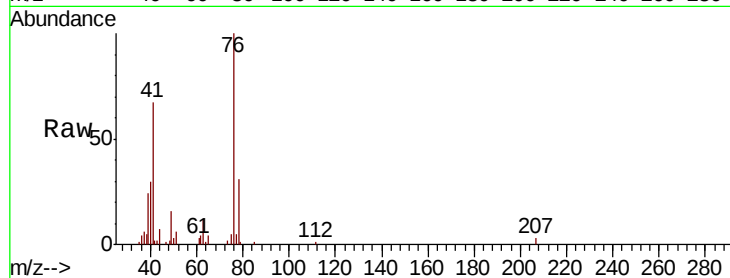




#57
 1,3-Dichloropropane
 Concen: 5.541 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

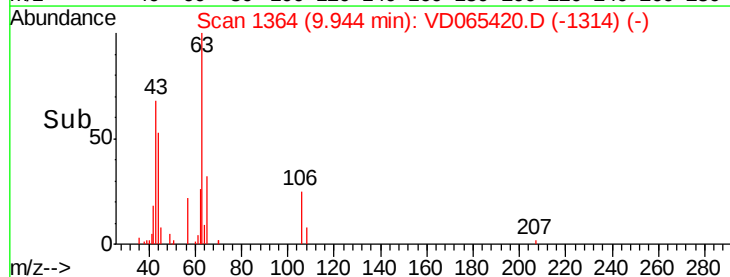
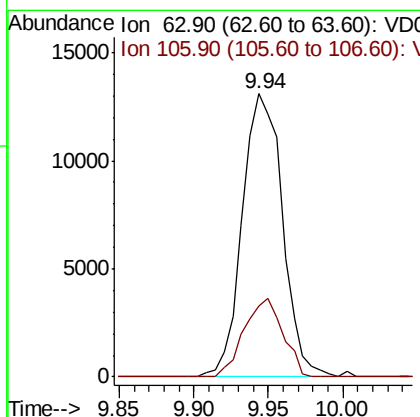
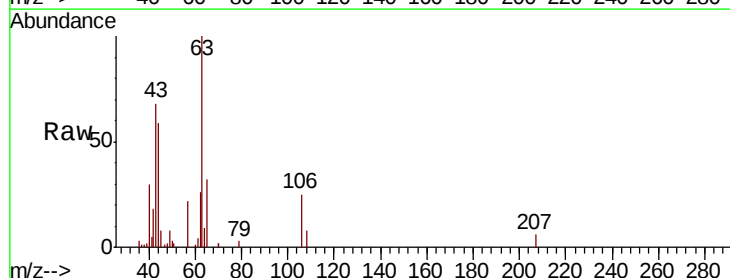
Instrument :
 MSVOA_D
 ClientSampleId :

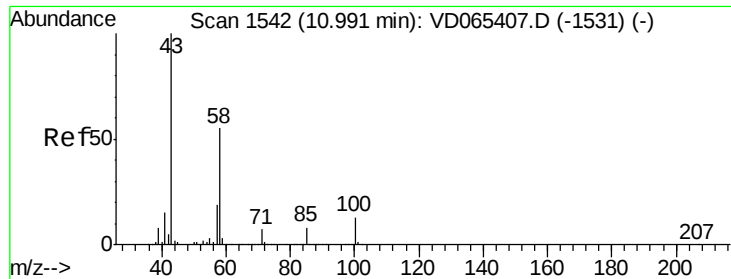
Tot Ion: 76 Resp: 29423
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.375 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

Tgt Ion: 63 Resp: 24390
 Ion Ratio Lower Upper
 63 100
 106 26.8 23.3 34.9

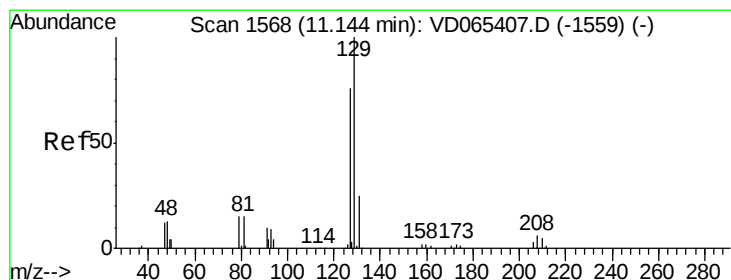
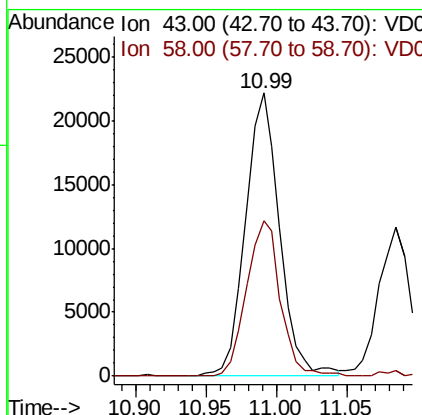
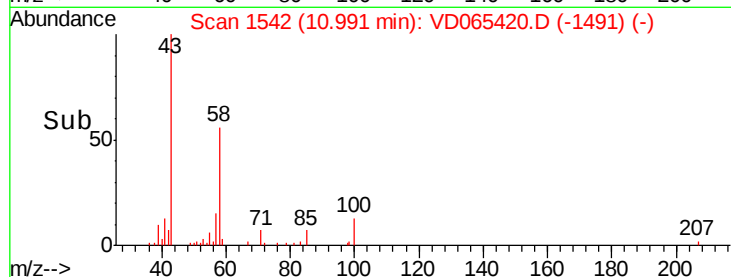
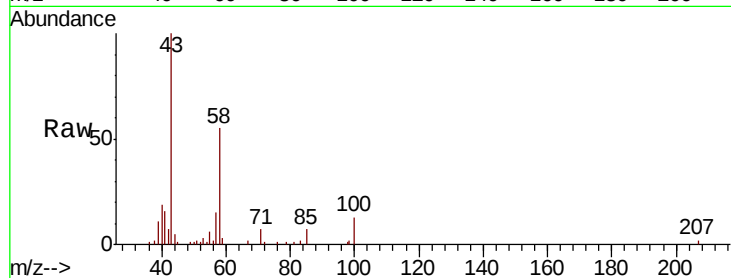




#59
2-Hexanone
Concen: 23.934 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

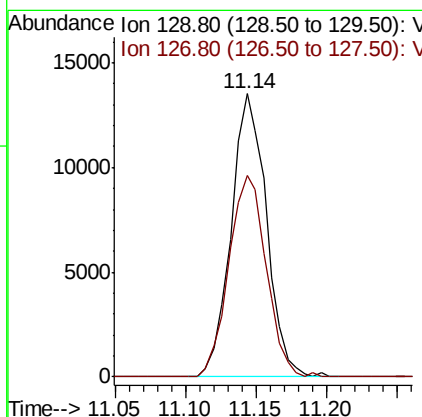
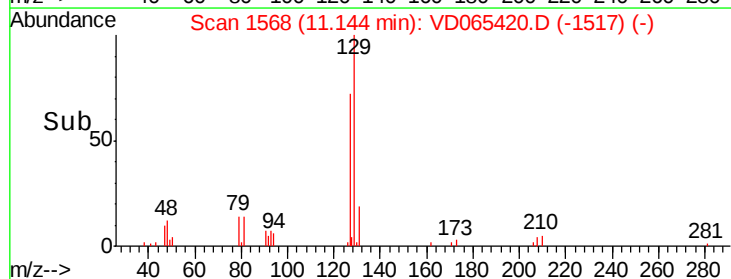
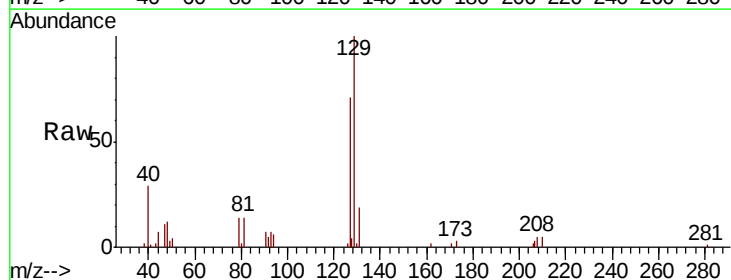
Instrument :
MSVOA_D
ClientSampled :

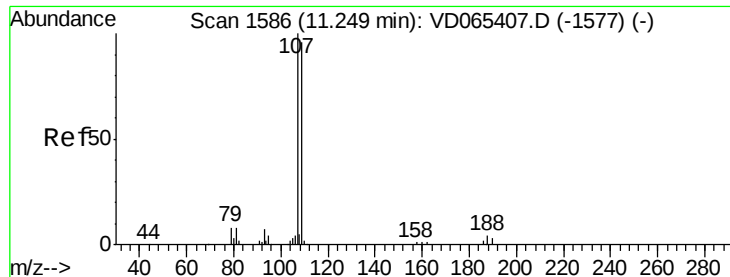
Tot Ion: 43 Resp: 37533
Ion Ratio Lower Upper
43 100
58 54.5 27.4 82.2



#60
Dibromochloromethane
Concen: 5.842 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion: 129 Resp: 23504
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 5.764 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

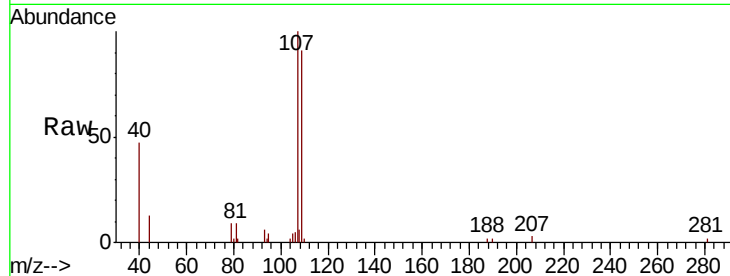
ClientSampled :

Tot Ion:107 Resp: 17256

Ion Ratio Lower Upper

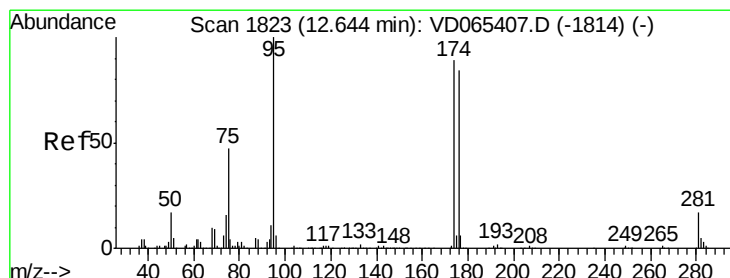
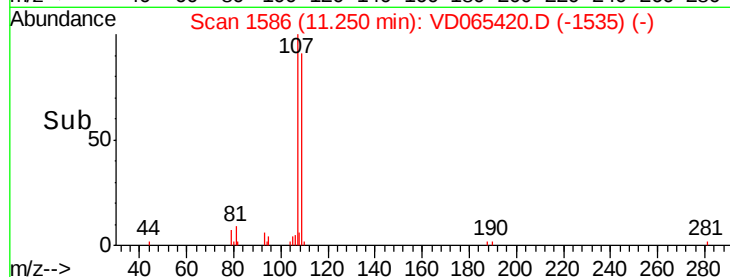
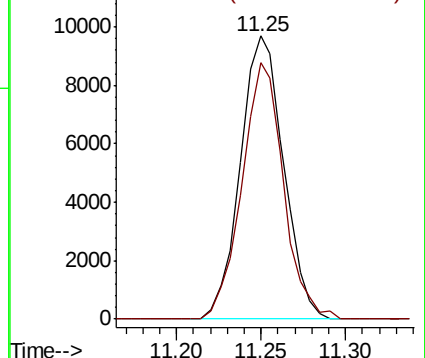
107 100

109 87.1 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.706 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

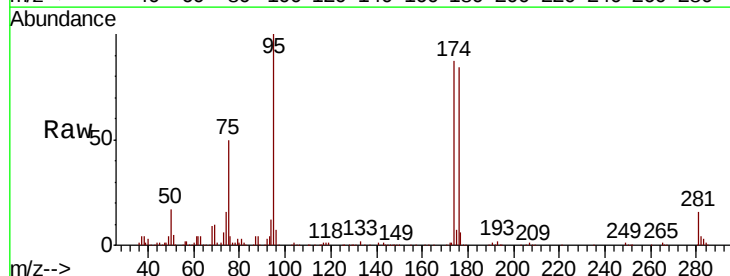
Tgt Ion: 95 Resp: 258836

Ion Ratio Lower Upper

95 100

174 90.2 0.0 176.8

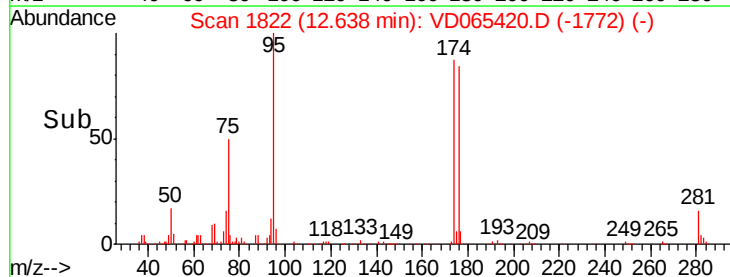
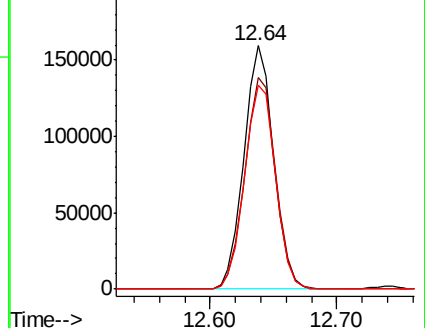
176 87.1 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

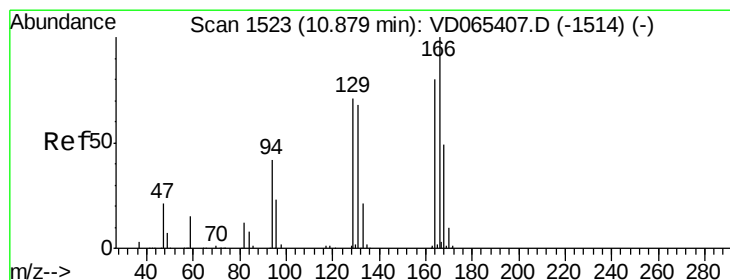
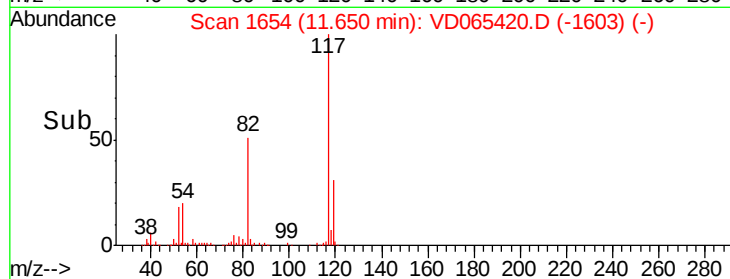
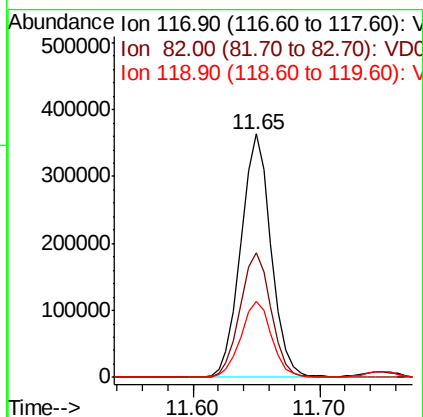
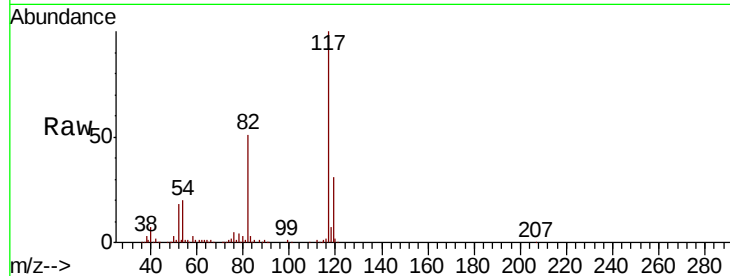




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

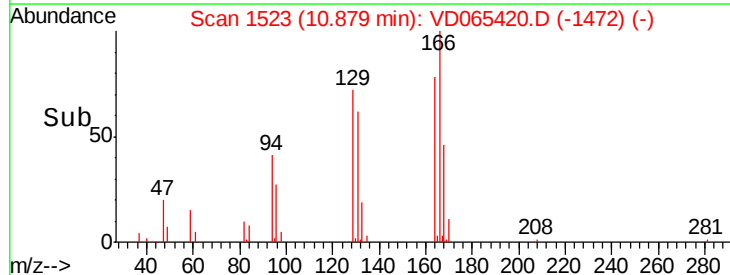
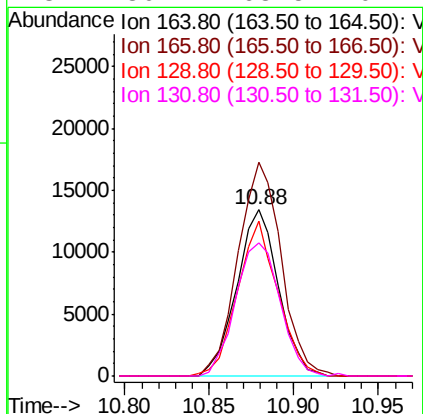
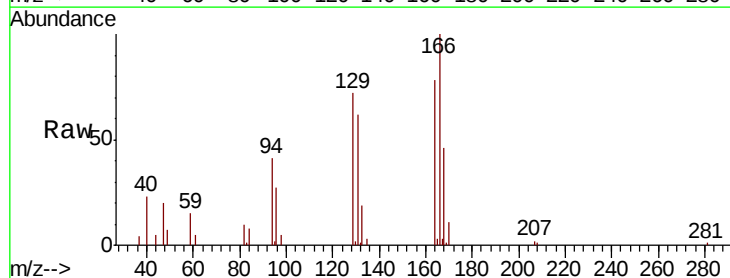
Instrument :
MSVOA_D
ClientSampled :

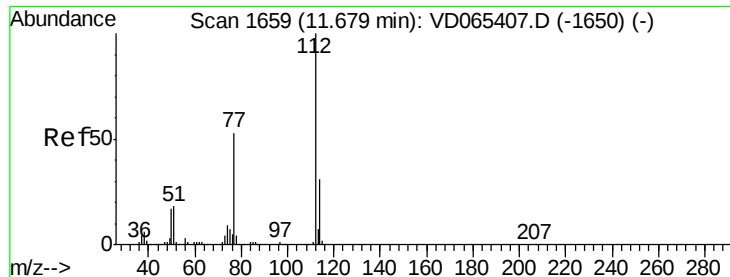
Tot Ion:117 Resp: 602798
Ion Ratio Lower Upper
117 100
82 51.1 40.6 60.8
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 5.353 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion:164 Resp: 23122
Ion Ratio Lower Upper
164 100
166 128.5 100.5 150.7
129 92.9 71.5 107.3
131 80.2 68.5 102.7

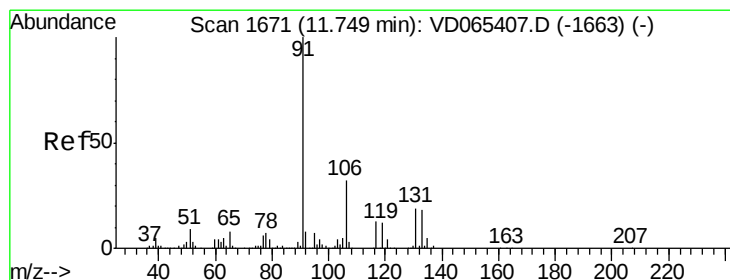
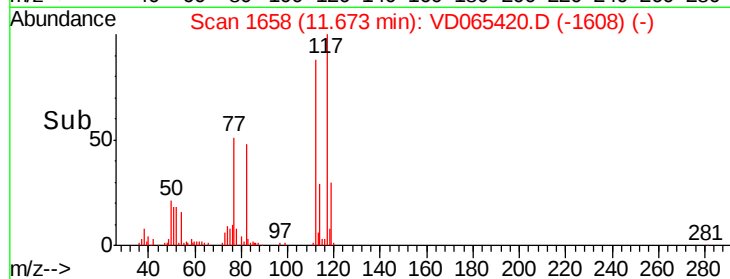
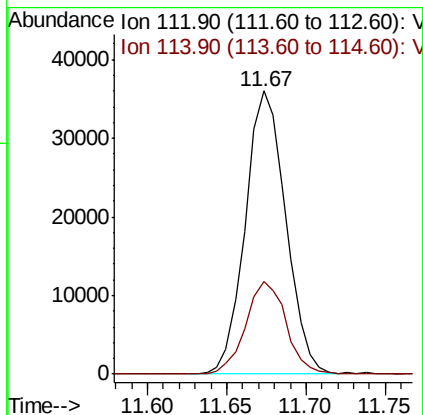
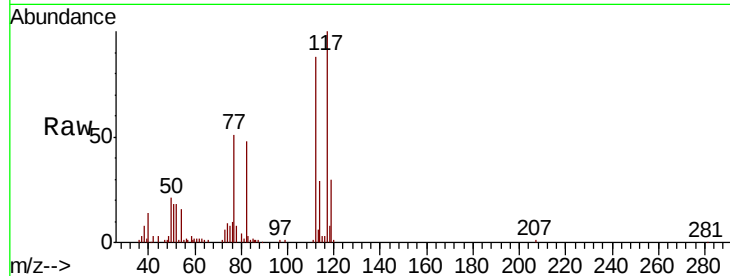




#65
Chlorobenzene
Concen: 5.346 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

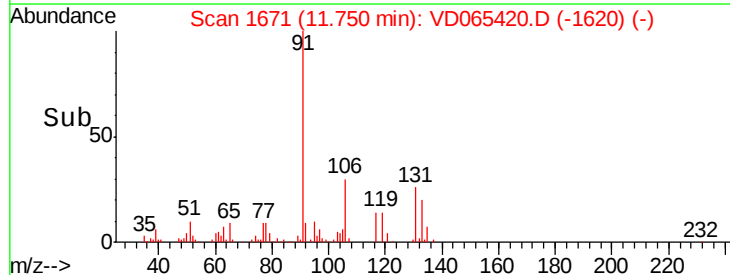
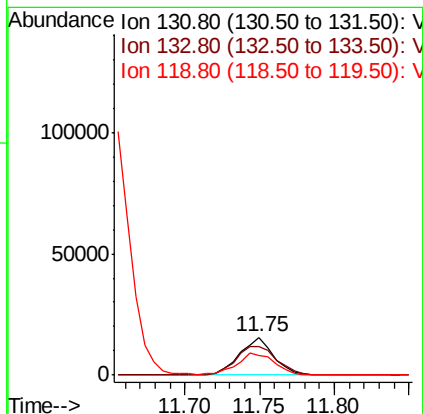
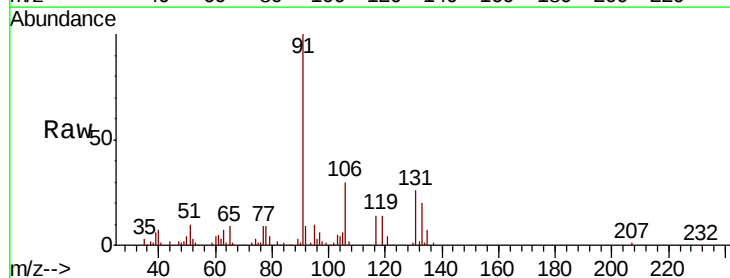
Instrument :
MSVOA_D
ClientSampleId :

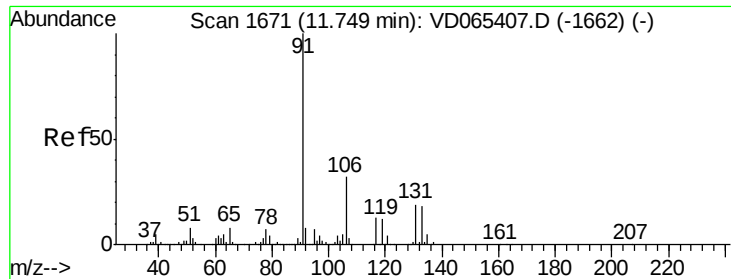
Tot Ion:112 Resp: 63774
Ion Ratio Lower Upper
112 100
114 32.7 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.633 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion:131 Resp: 24473
Ion Ratio Lower Upper
131 100
133 92.3 49.2 147.6
119 65.5 33.3 99.8





#67

Ethyl Benzene

Concen: 4.834 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

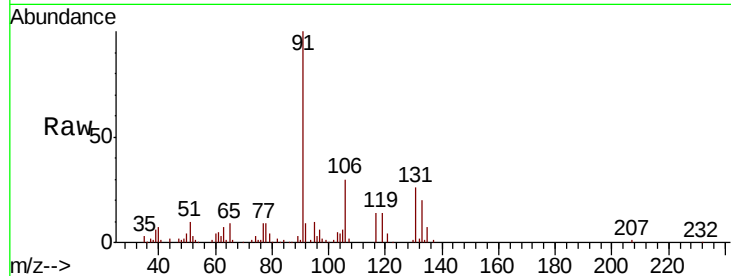
ClientSampled :

Tot Ion: 91 Resp: 99636

Ion Ratio Lower Upper

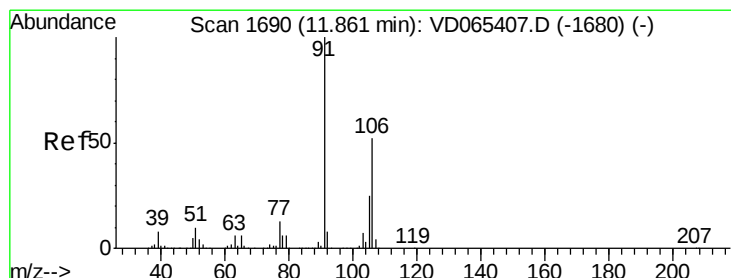
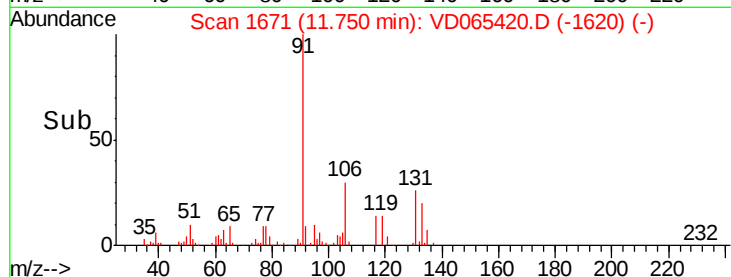
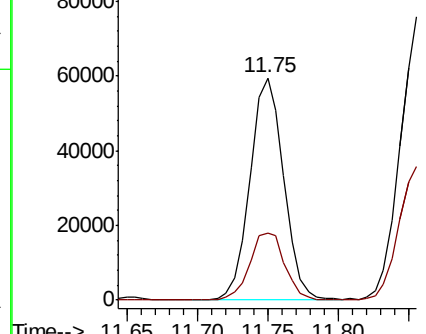
91 100

106 30.1 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 9.504 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065420.D

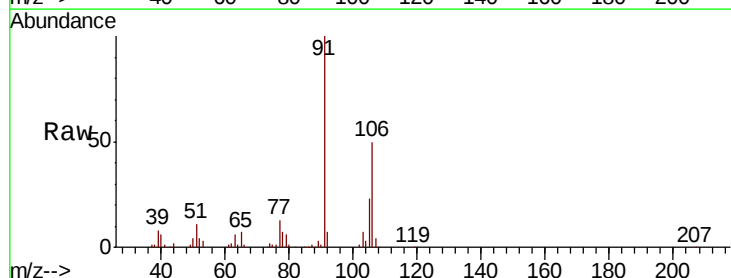
Acq: 04 Mar 2020 19:38

Tgt Ion: 106 Resp: 75532

Ion Ratio Lower Upper

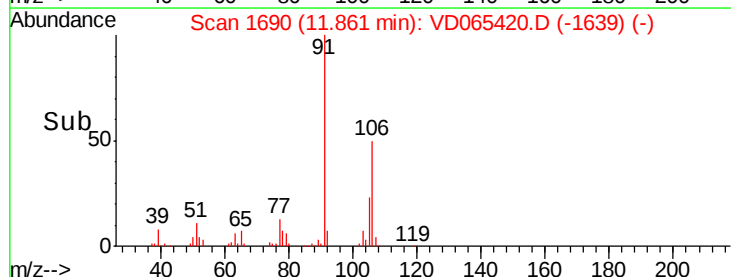
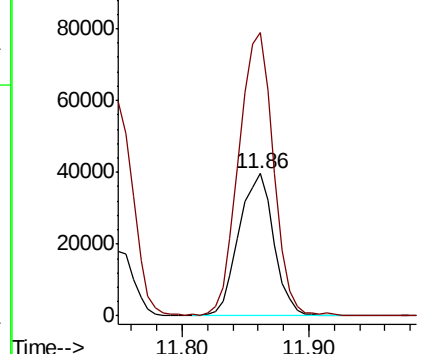
106 100

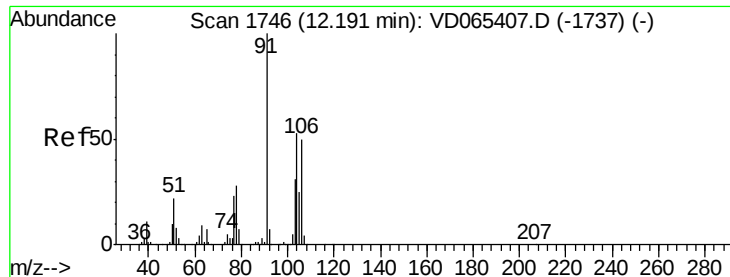
91 199.2 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

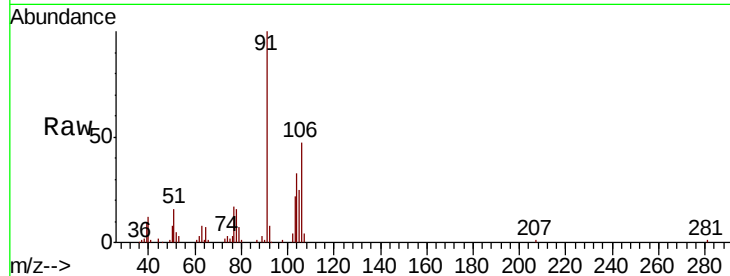




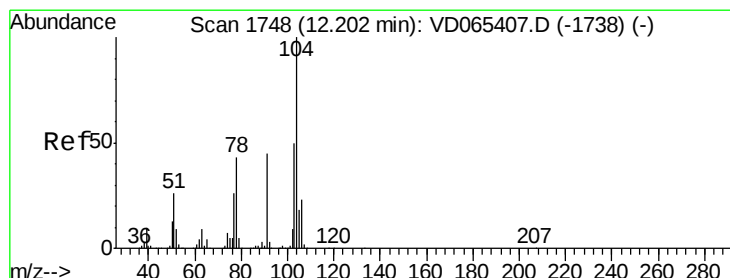
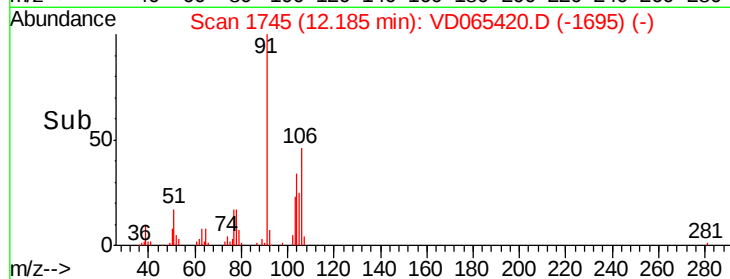
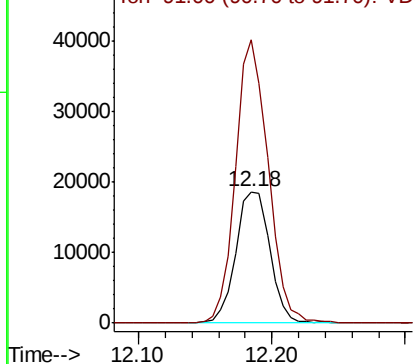
#69
o-Xylene
Concen: 4.719 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 32988
Ion Ratio Lower Upper
106 100
91 207.0 103.5 310.3

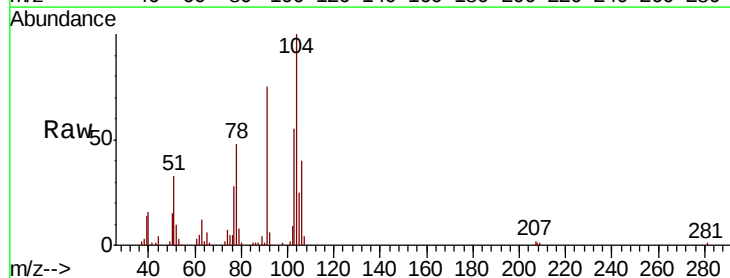


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

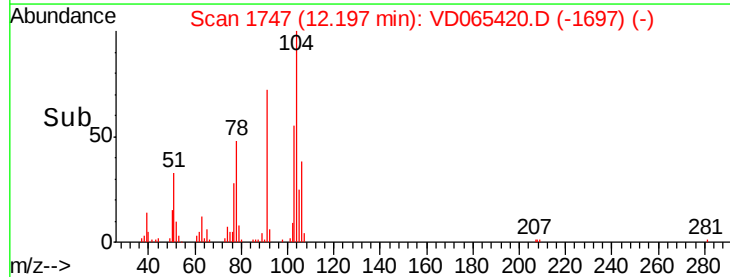
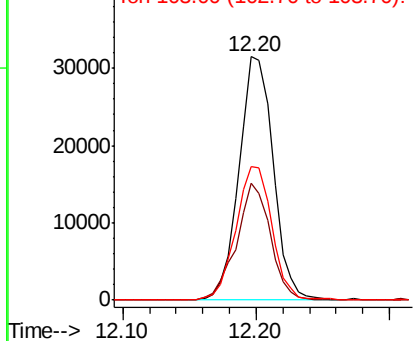


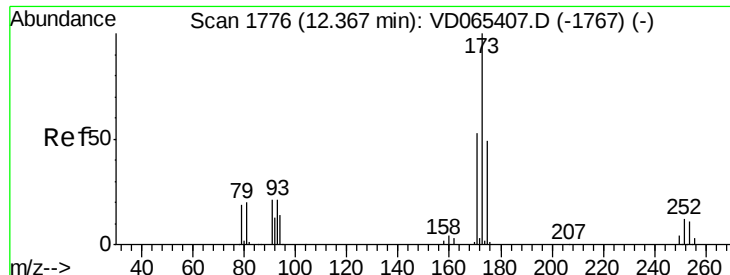
#70
Styrene
Concen: 4.539 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion:104 Resp: 55844
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 57.9 43.6 65.4



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





#71

Bromoform

Concen: 5.490 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

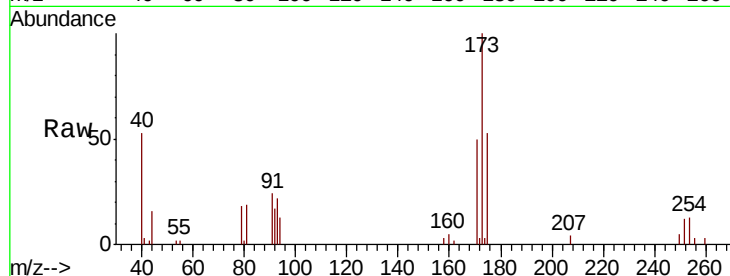
Tot Ion:173 Resp: 13396

Ion Ratio Lower Upper

173 100

175 48.3 24.3 73.0

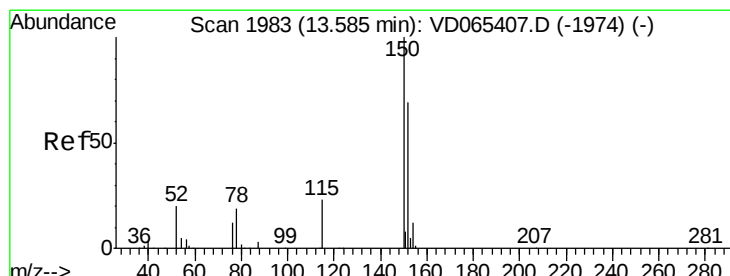
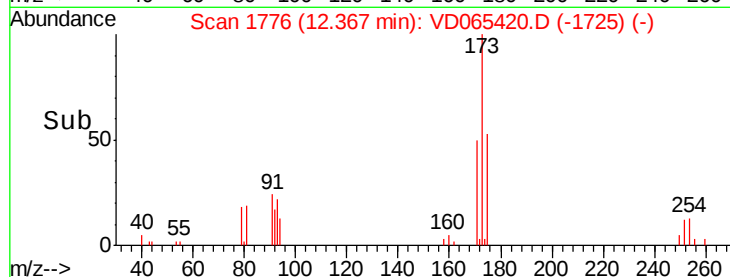
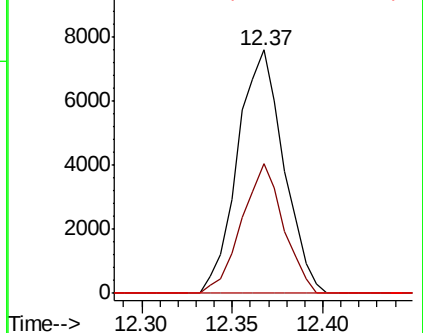
254 0.0 0.1 0.1#



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: VD065420.D

Acq: 04 Mar 2020 19:38

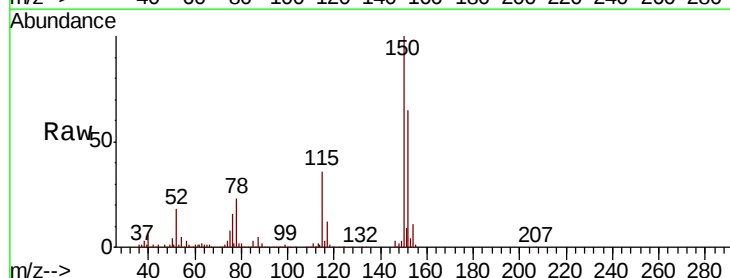
Tgt Ion:152 Resp: 293621

Ion Ratio Lower Upper

152 100

115 55.3 27.6 82.8

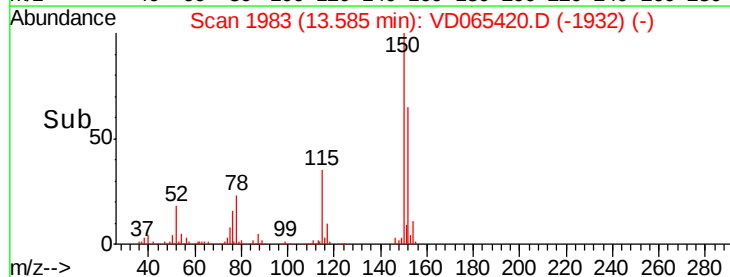
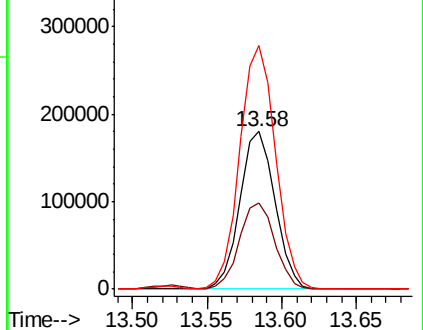
150 157.9 0.0 345.0



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: 4.507 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

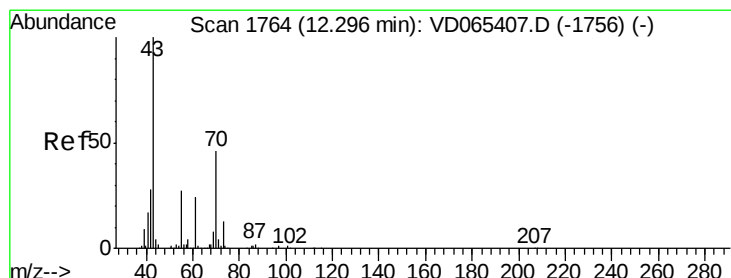
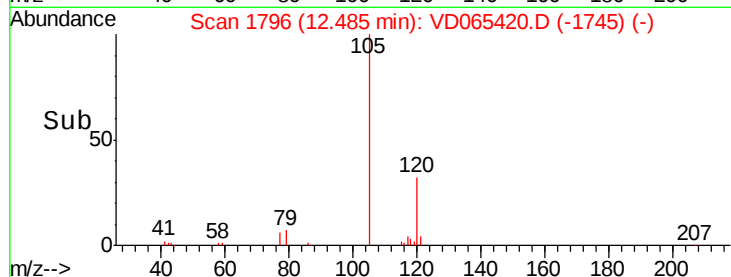
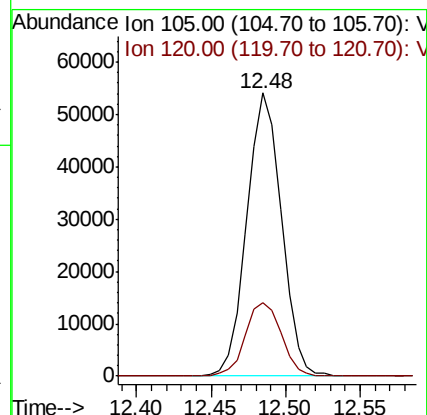
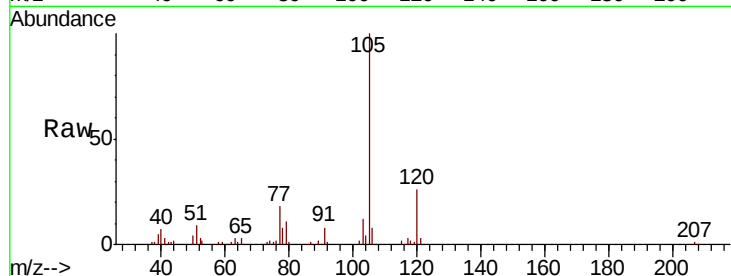
ClientSampleId :

Tot Ion:105 Resp: 87049

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 4.862 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Tgt Ion: 43 Resp: 19222

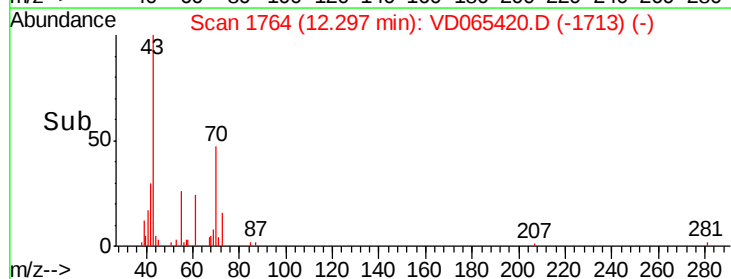
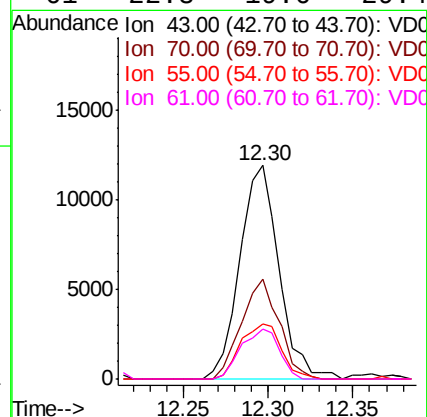
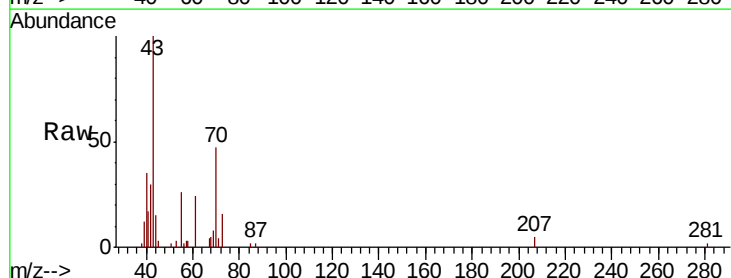
Ion Ratio Lower Upper

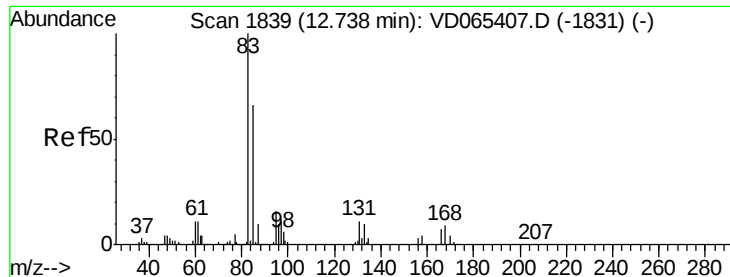
43 100

70 44.8 36.1 54.1

55 26.9 21.6 32.4

61 22.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.802 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

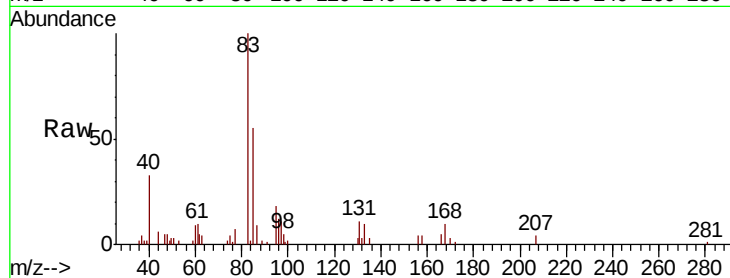
Tot Ion: 83 Resp: 19696

Ion Ratio Lower Upper

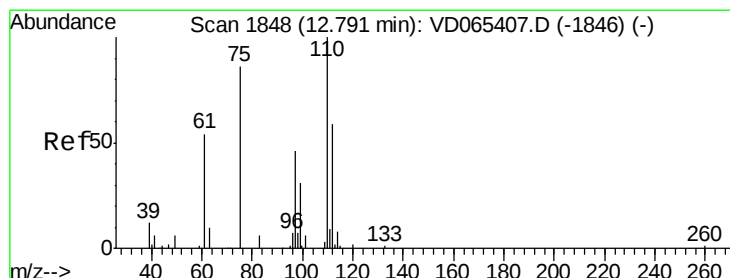
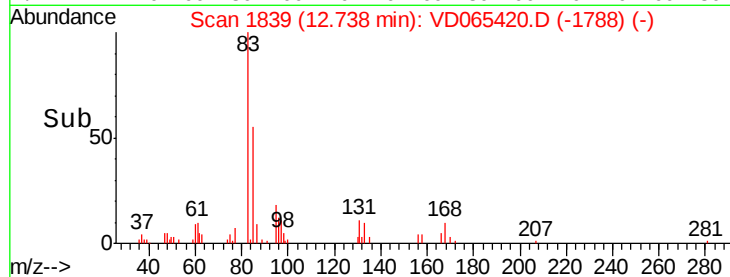
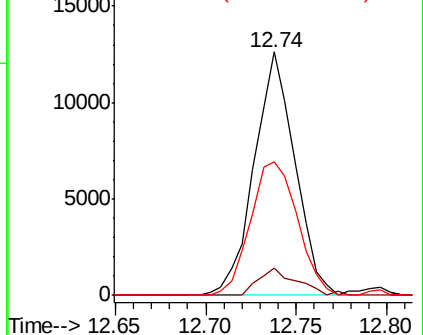
83 100

131 10.5 5.4 16.2

85 63.4 33.0 98.9



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: 9.958 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065420.D

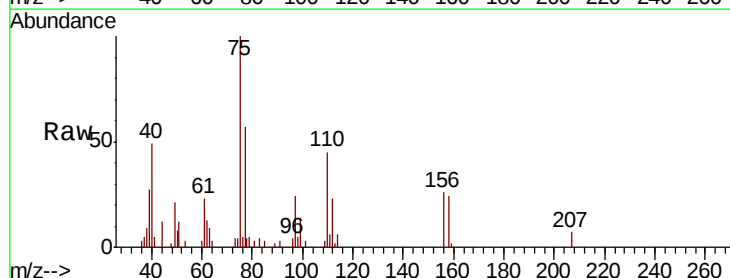
Acq: 04 Mar 2020 19:38

Tgt Ion: 75 Resp: 23072

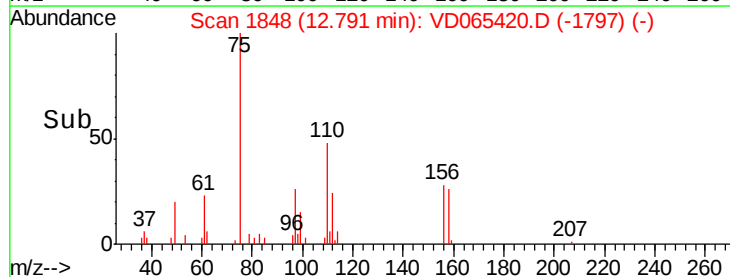
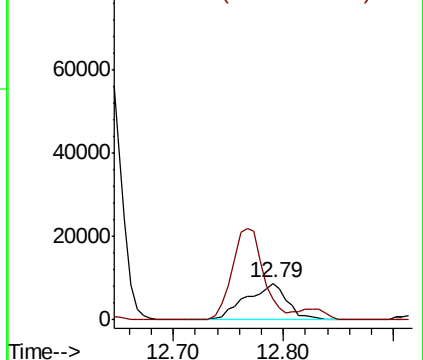
Ion Ratio Lower Upper

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: 5.512 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

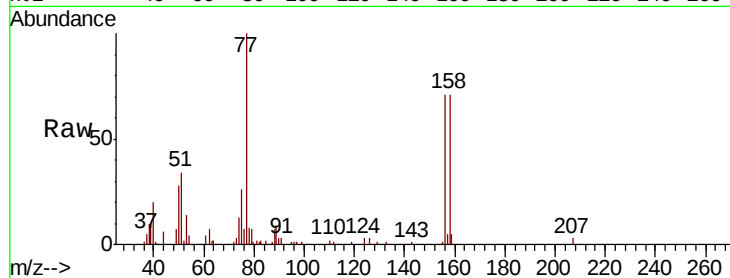
Tot Ion:156 Resp: 26449

Ion Ratio Lower Upper

156 100

77 167.4 84.9 254.6

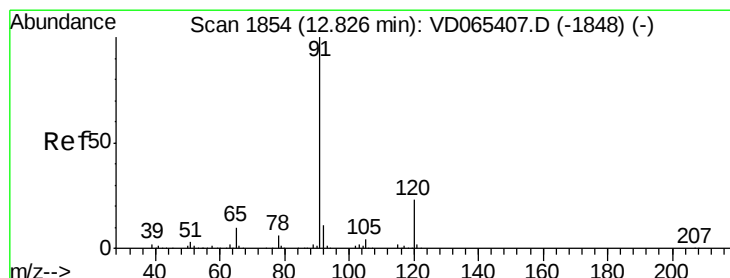
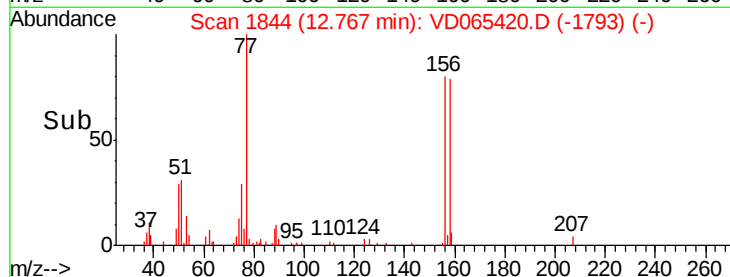
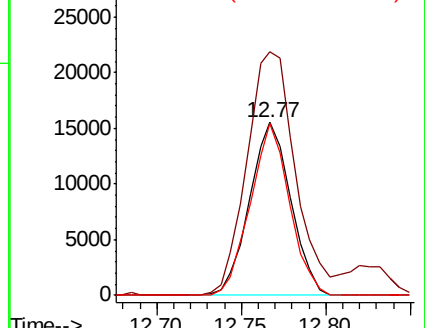
158 94.1 49.0 147.2



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: 5.034 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065420.D

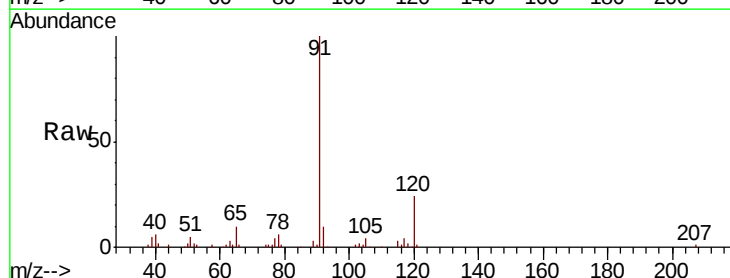
Acq: 04 Mar 2020 19:38

Tgt Ion: 91 Resp: 115353

Ion Ratio Lower Upper

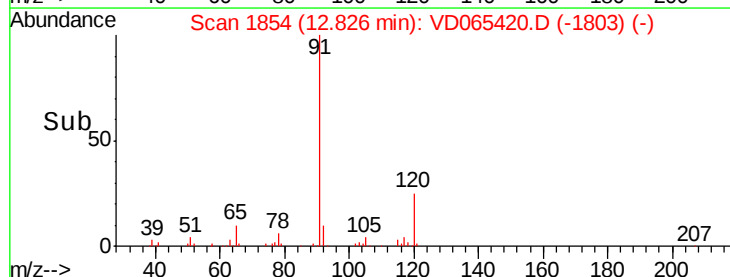
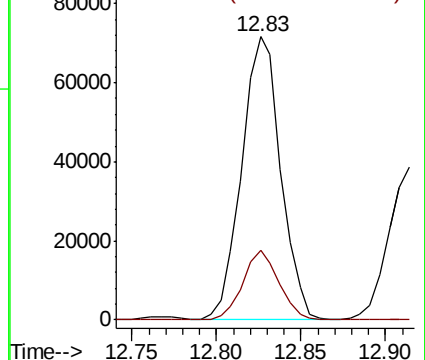
91 100

120 22.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.121 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

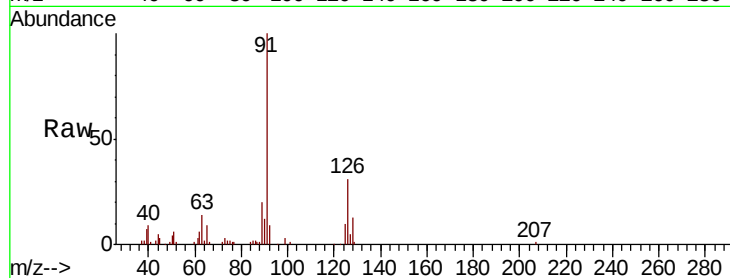
ClientSampled :

Tot Ion: 91 Resp: 66137

Ion Ratio Lower Upper

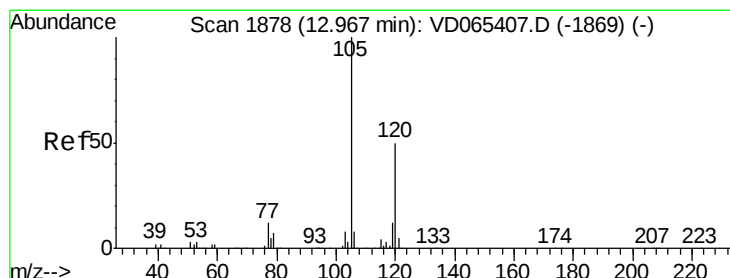
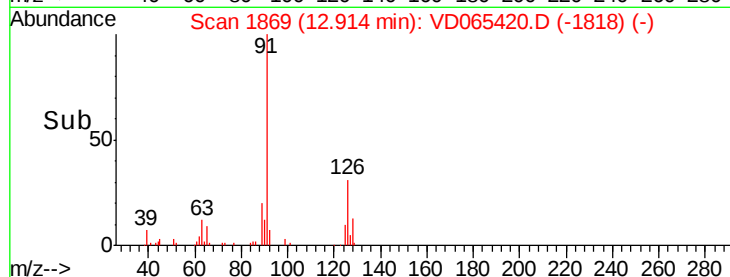
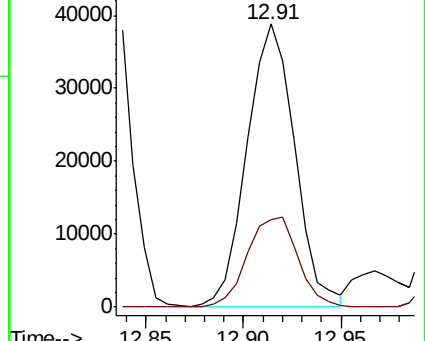
91 100

126 33.6 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VD065420.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065420.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.598 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065420.D

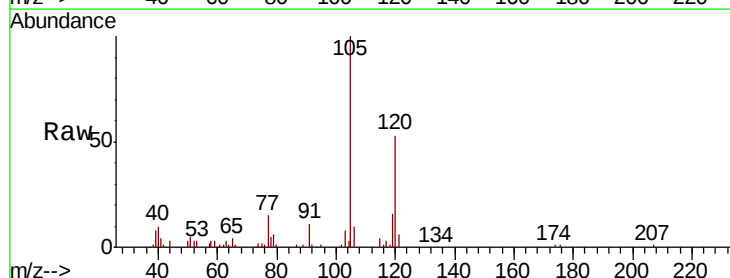
Acq: 04 Mar 2020 19:38

Tgt Ion:105 Resp: 73003

Ion Ratio Lower Upper

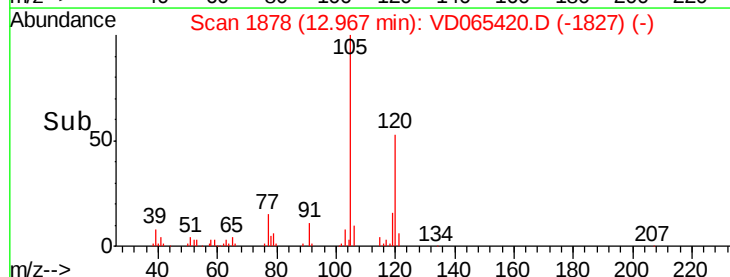
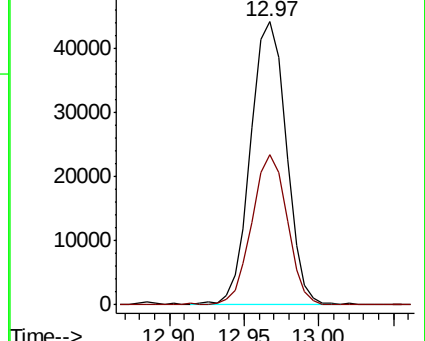
105 100

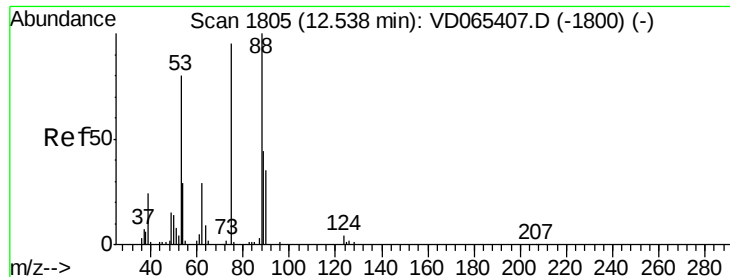
120 52.5 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065420.D (-1878) (-)

Ion 120.00 (119.70 to 120.70): VD065420.D (-1878) (-)

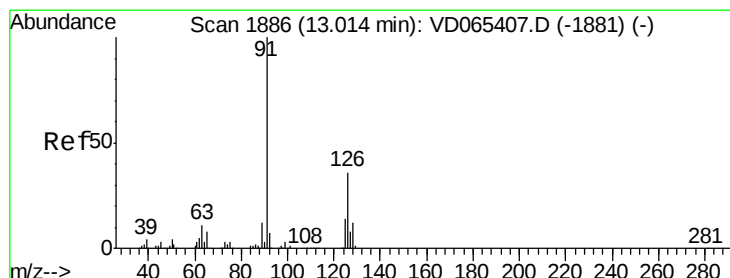
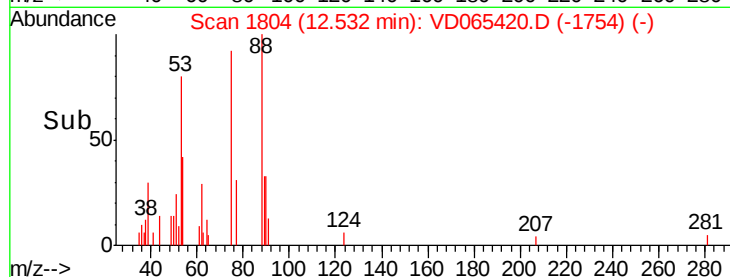
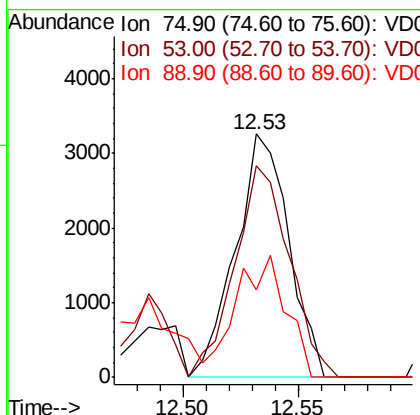
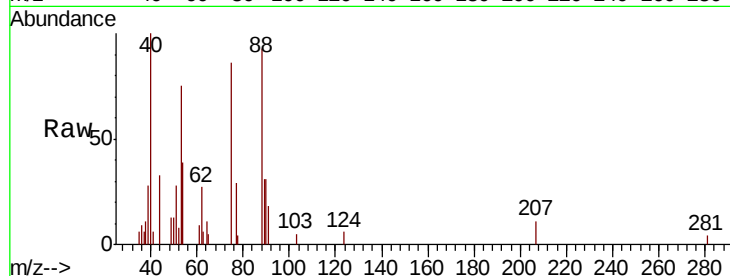




#81
trans-1,4-Dichloro-2-butene
Concen: 4.755 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

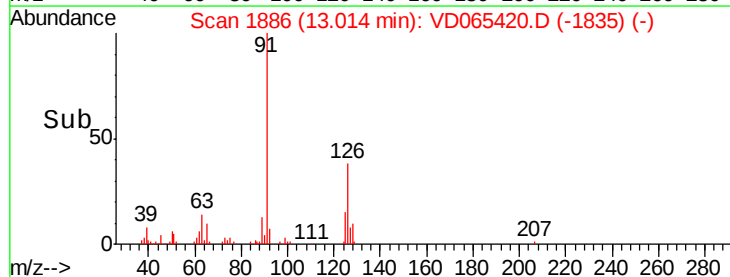
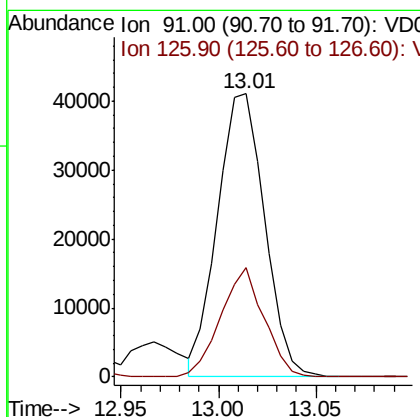
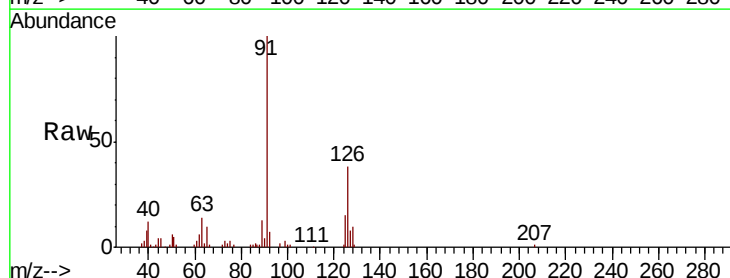
Instrument :
MSVOA_D
ClientSampleId :

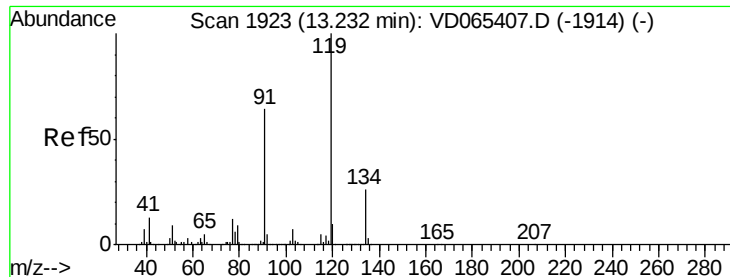
Tot Ion: 75 Resp: 5221
Ion Ratio Lower Upper
75 100
53 90.0 71.3 106.9
89 47.0 37.0 55.6



#82
4-Chlorotoluene
Concen: 5.073 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion: 91 Resp: 68843
Ion Ratio Lower Upper
91 100
126 35.4 17.6 52.8





#83

tert-Butylbenzene

Concen: 4.639 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

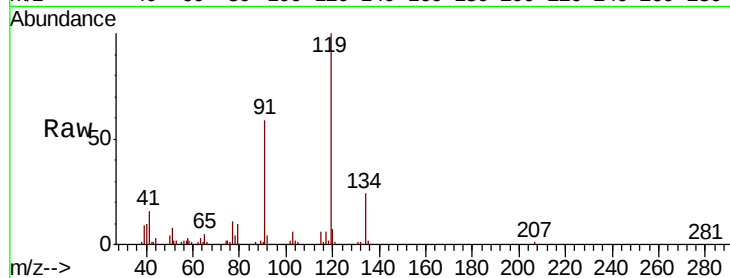
Tot Ion:119 Resp: 62319

Ion Ratio Lower Upper

119 100

91 62.1 31.6 95.0

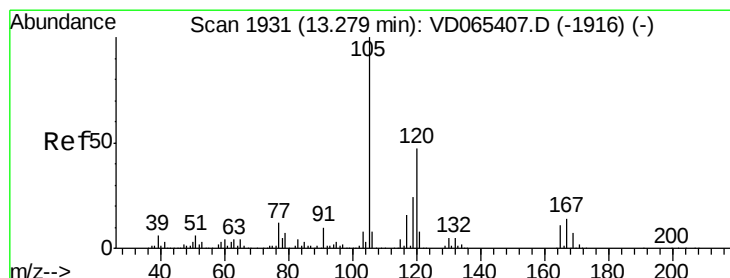
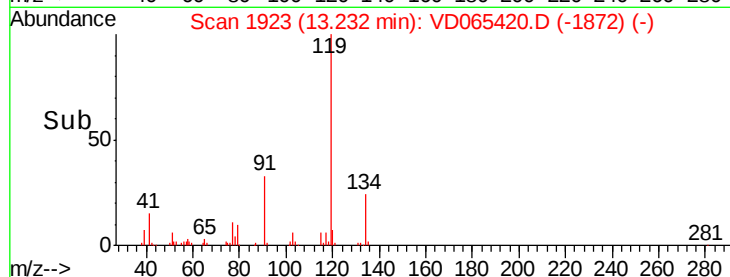
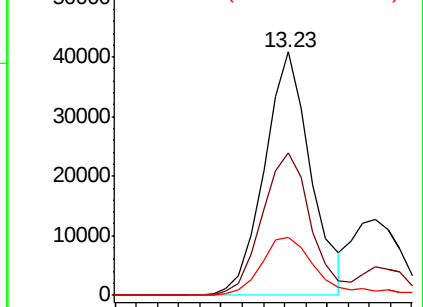
134 29.0 14.2 42.8



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: 4.699 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.00 min

Lab File: VD065420.D

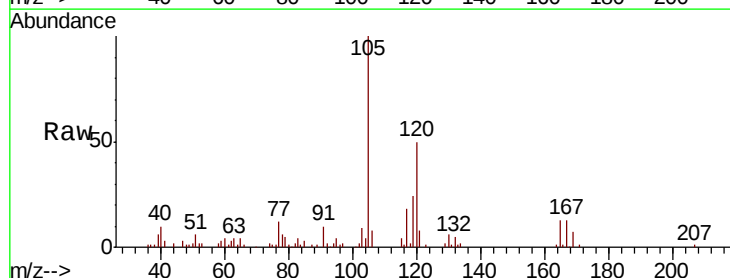
Acq: 04 Mar 2020 19:38

Tgt Ion:105 Resp: 73548

Ion Ratio Lower Upper

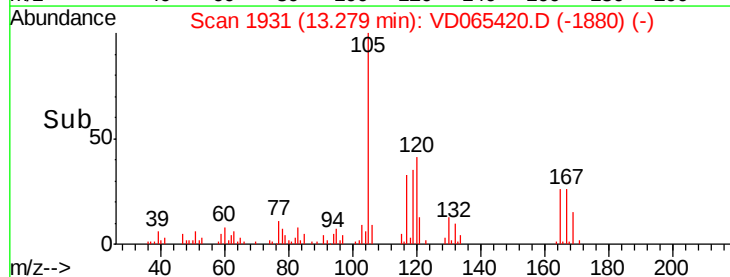
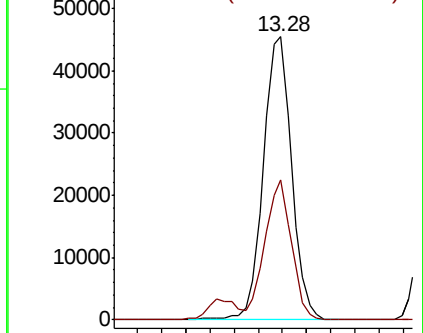
105 100

120 46.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.575 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

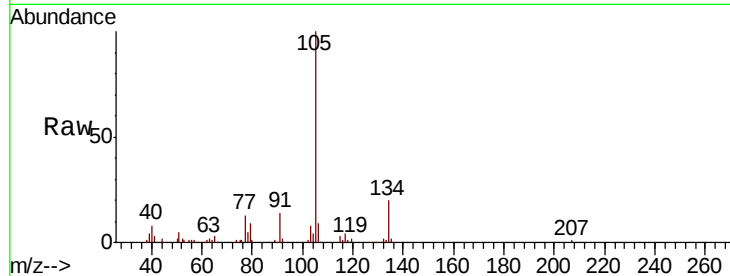
ClientSampleId :

Tot Ion:105 Resp: 87716

Ion Ratio Lower Upper

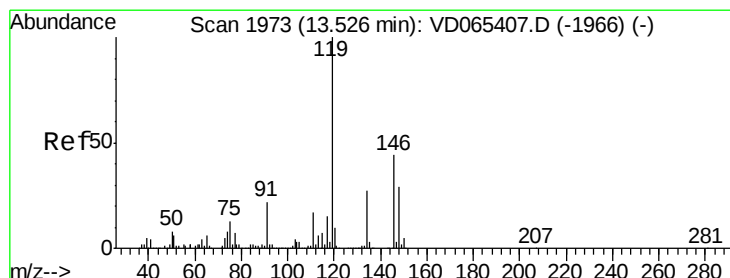
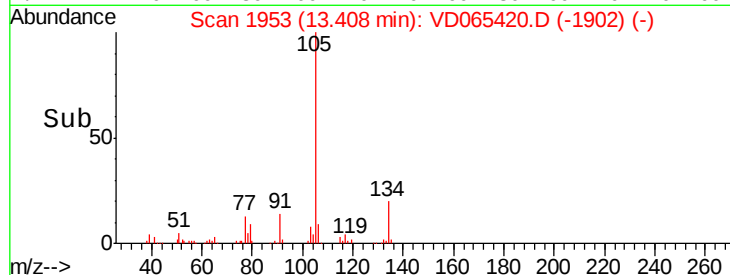
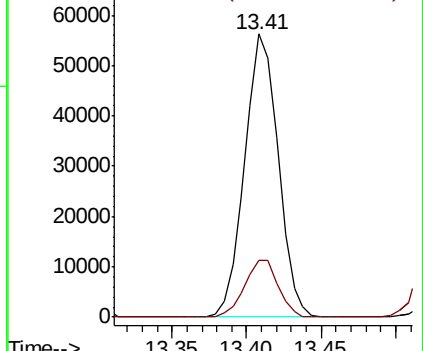
105 100

134 20.2 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.379 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

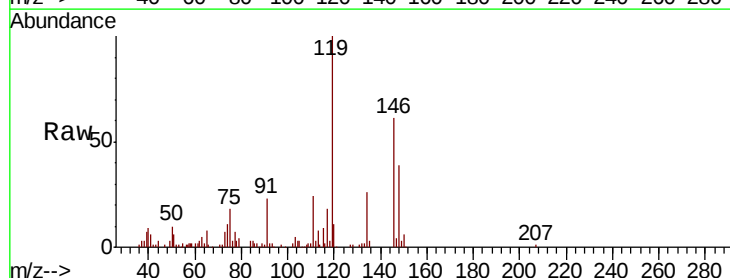
Tgt Ion:119 Resp: 76619

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

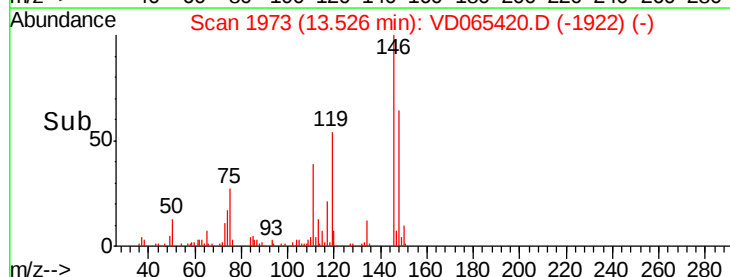
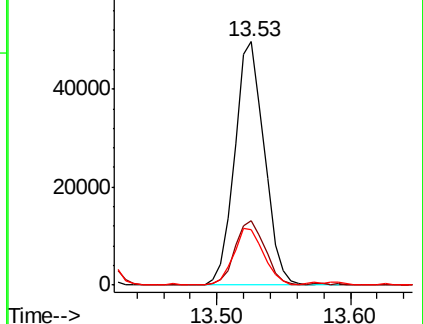
91 23.9 10.9 32.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

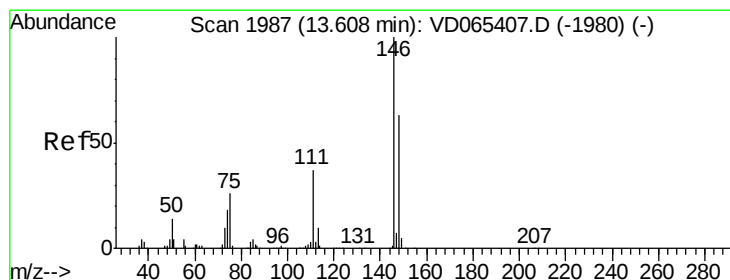
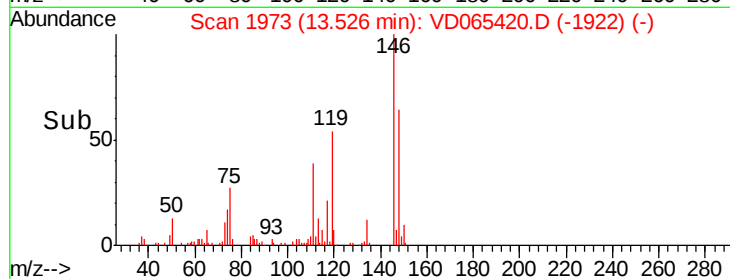
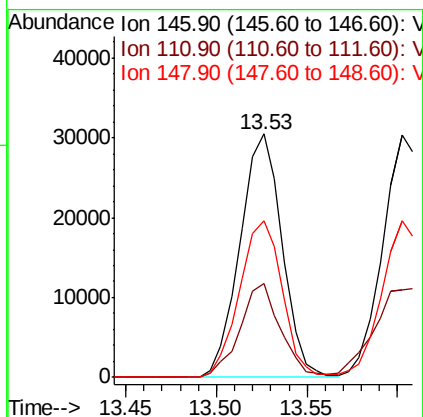
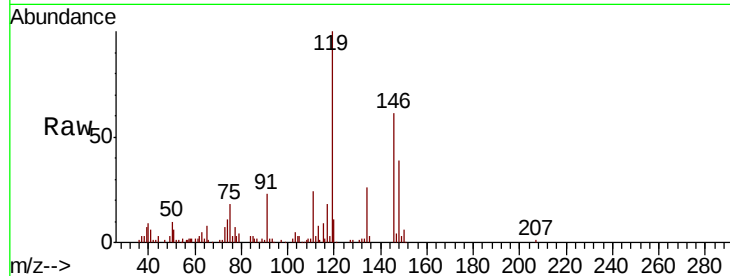




#87
 1,3-Dichlorobenzene
 Concen: 5.329 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

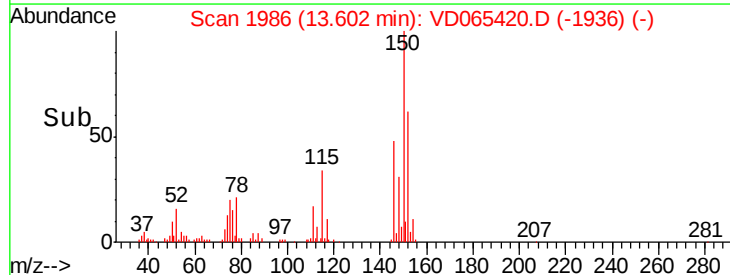
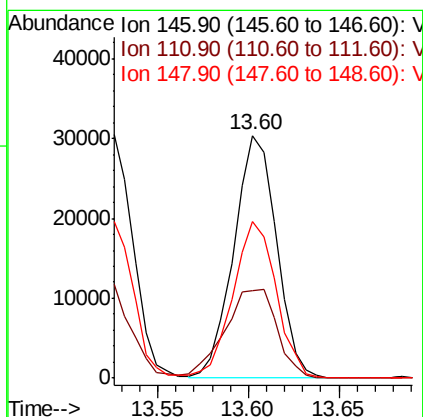
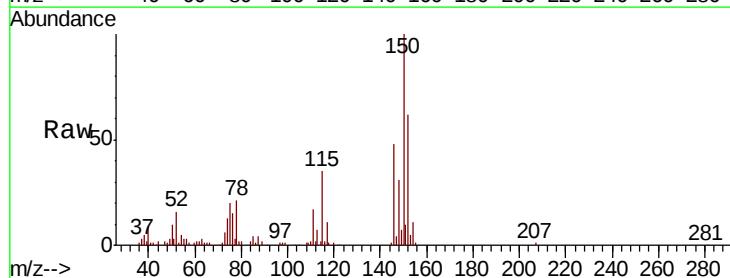
Instrument :
 MSVOA_D
 ClientSampleId :

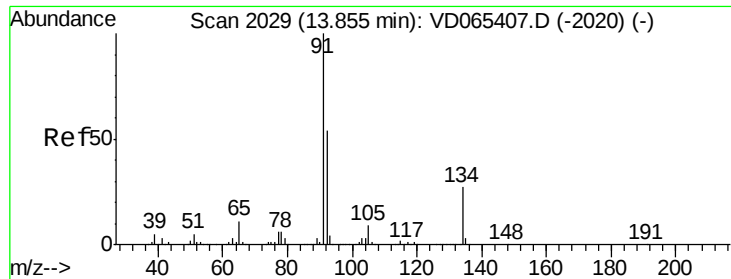
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.1
148	65.5	32.3	96.8



#88
 1,4-Dichlorobenzene
 Concen: 5.442 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.8	18.5	55.5
148	65.2	32.0	96.0





#89

n-Butylbenzene

Concen: 4.610 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.00 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

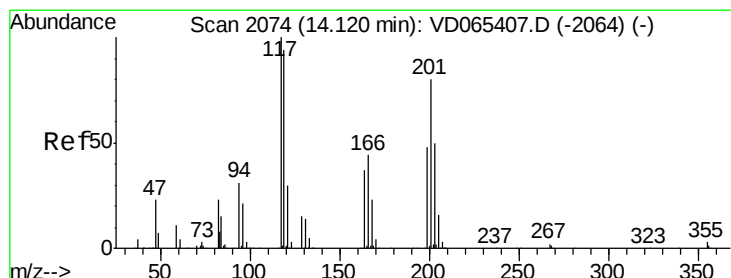
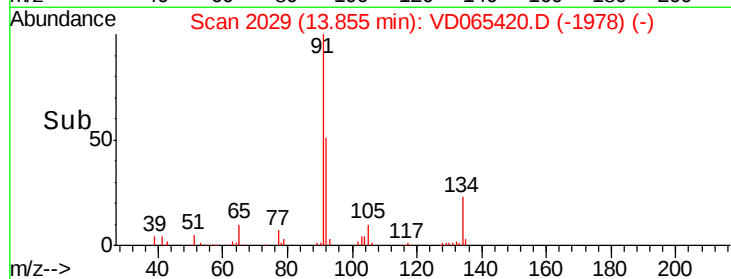
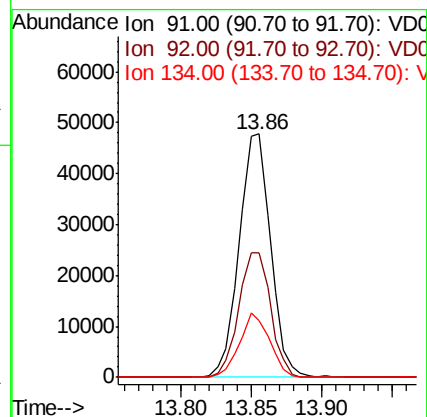
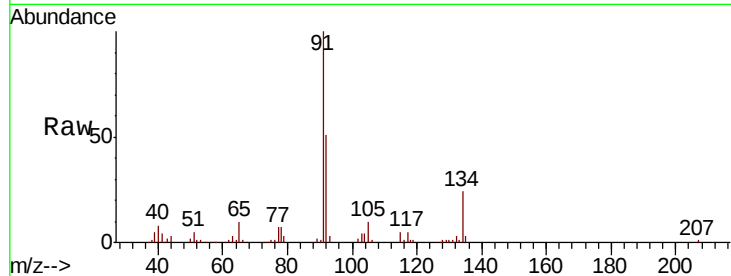
Tot Ion: 91 Resp: 74566

Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.8	80.4
134	25.5	13.4	40.2

91 100

92 51.8 26.8 80.4

134 25.5 13.4 40.2



#90

Hexachloroethane

Concen: 5.140 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VD065420.D

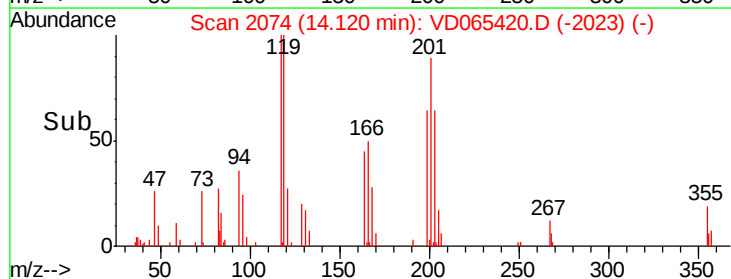
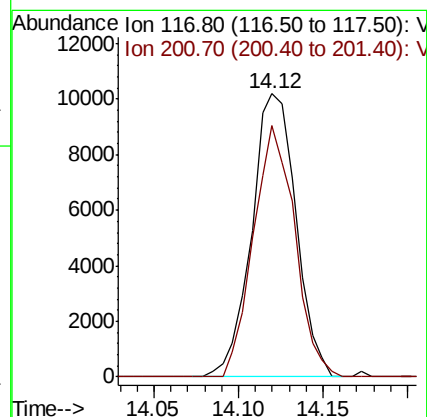
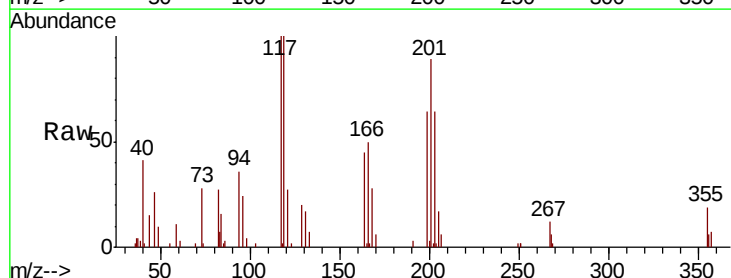
Acq: 04 Mar 2020 19:38

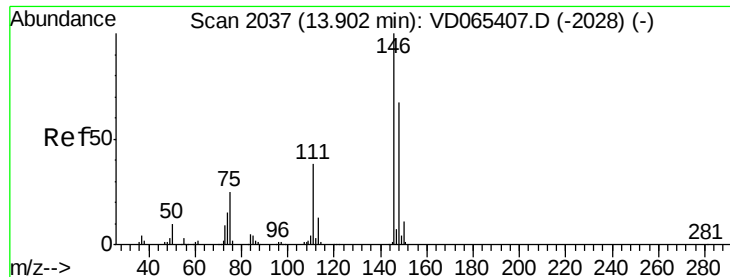
Tgt Ion: 117 Resp: 18518

Ion	Ratio	Lower	Upper
117	100		
201	82.9	41.9	125.6

117 100

201 82.9 41.9 125.6





#91

1,2-Dichlorobenzene

Concen: 5.560 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

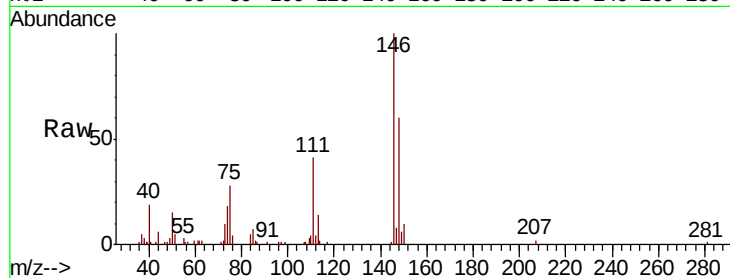
Tot Ion:146 Resp: 43647

Ion Ratio Lower Upper

146 100

111 39.2 19.8 59.3

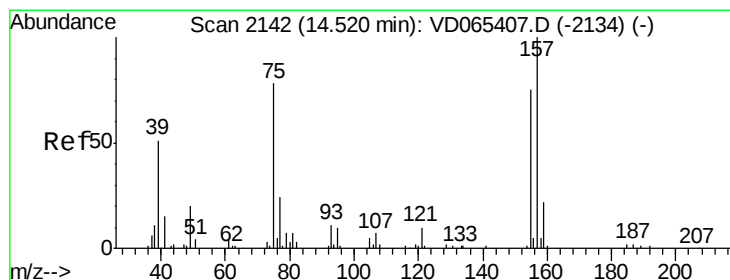
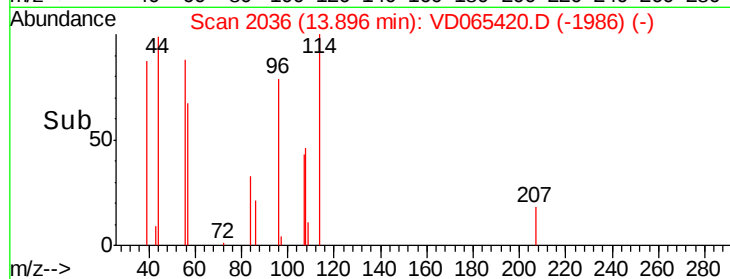
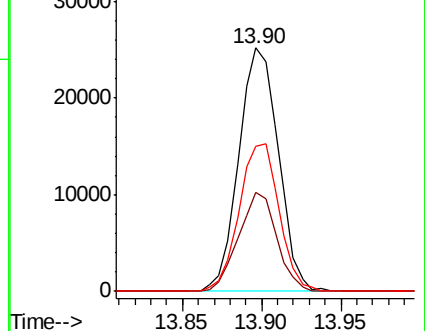
148 60.9 32.6 97.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.077 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.01 min

Lab File: VD065420.D

Acq: 04 Mar 2020 19:38

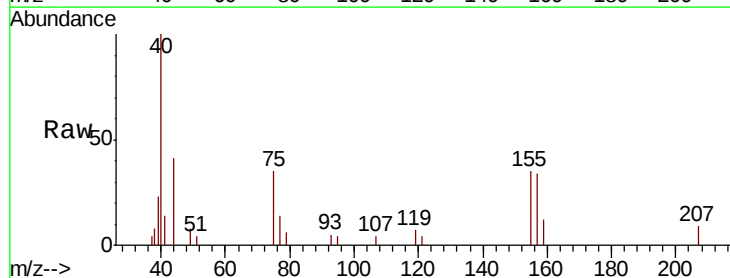
Tgt Ion: 75 Resp: 3142

Ion Ratio Lower Upper

75 100

155 81.8 46.4 139.1

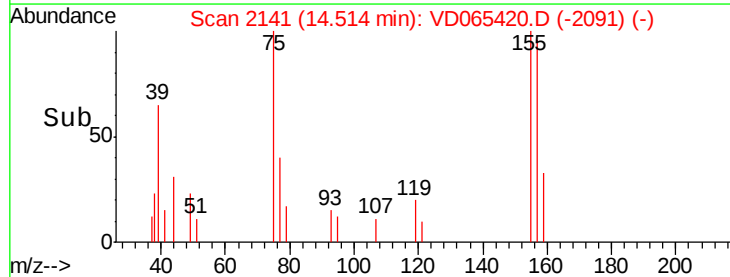
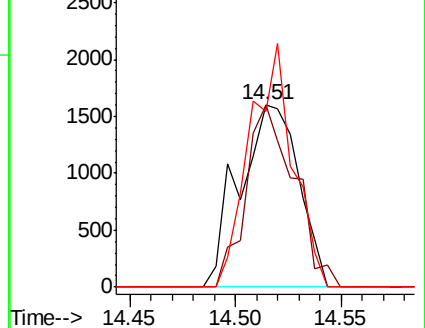
157 97.0 60.2 180.4

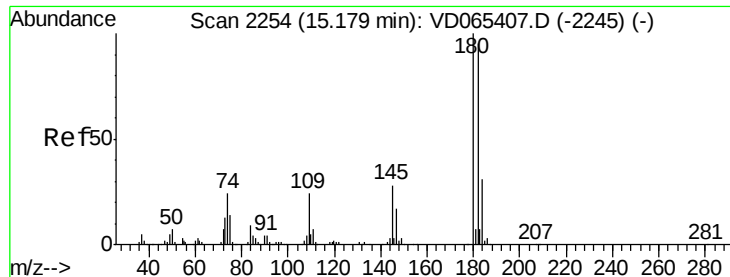


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

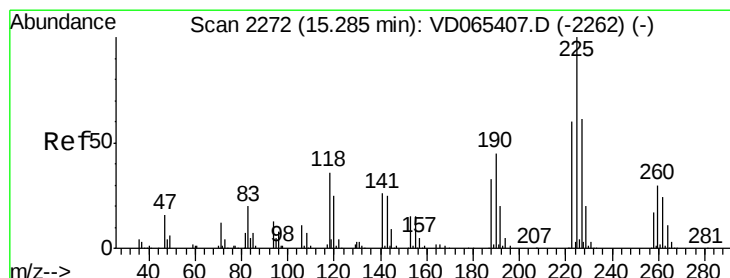
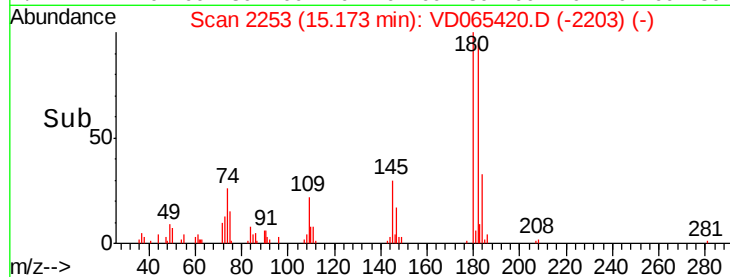
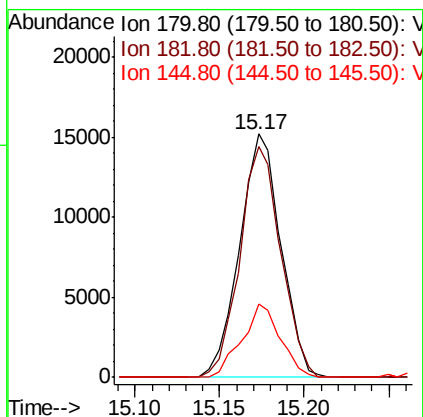
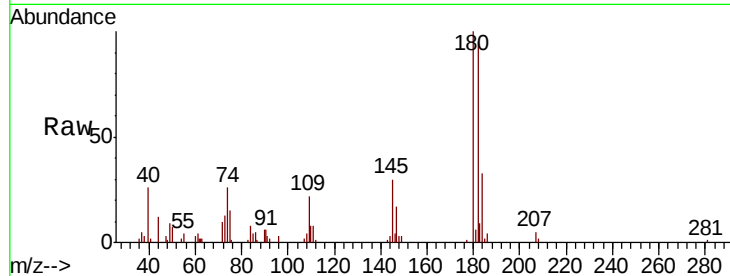




#93
 1,2,4-Trichlorobenzene
 Concen: 4.849 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

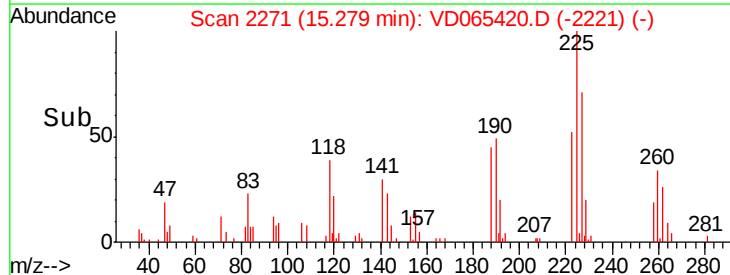
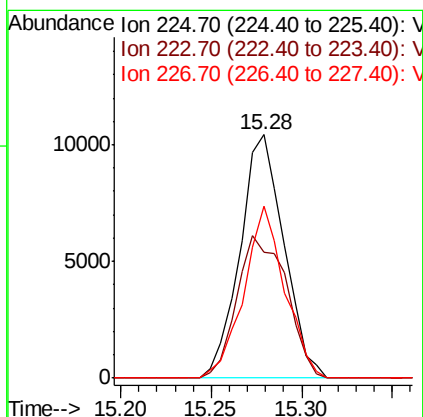
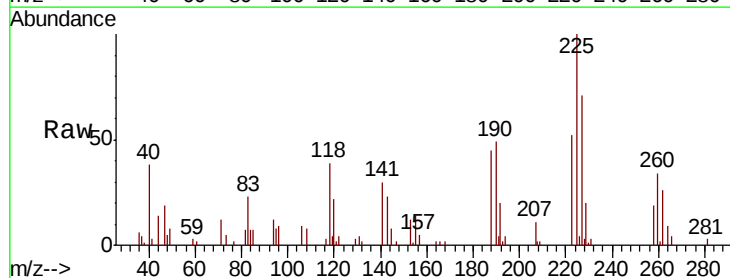
Instrument :
 MSVOA_D
 ClientSampleId :

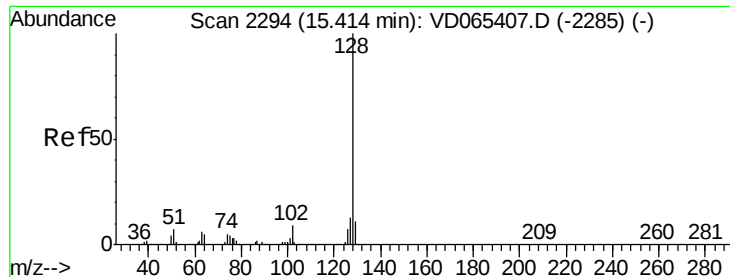
Tot Ion:180 Resp: 25803
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.3 144.9
 145 27.9 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 5.019 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065420.D
 Acq: 04 Mar 2020 19:38

Tgt Ion:225 Resp: 17548
 Ion Ratio Lower Upper
 225 100
 223 66.3 30.9 92.5
 227 65.7 31.6 94.7

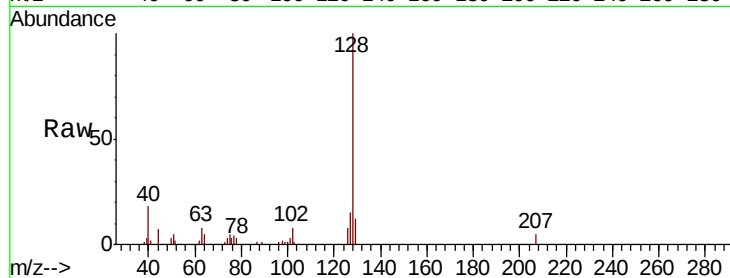




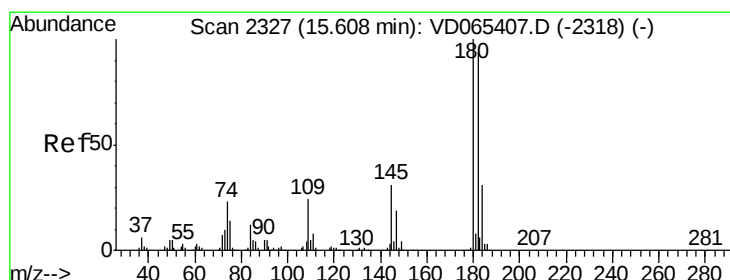
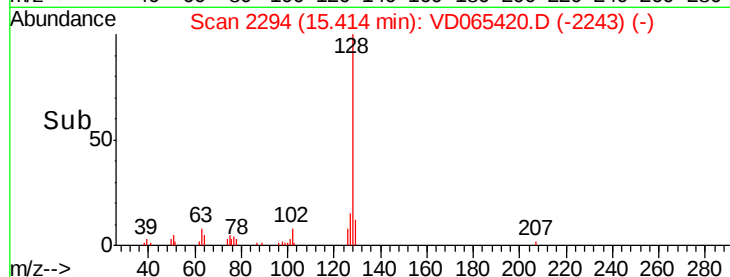
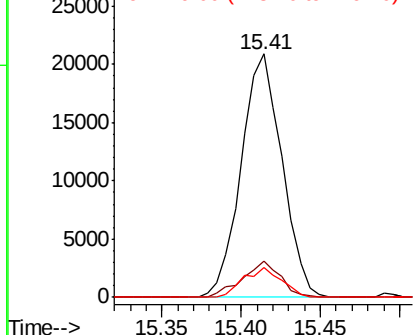
#95
Naphthalene
Concen: 4.392 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:128 Resp: 37374
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 11.5 8.7 13.1

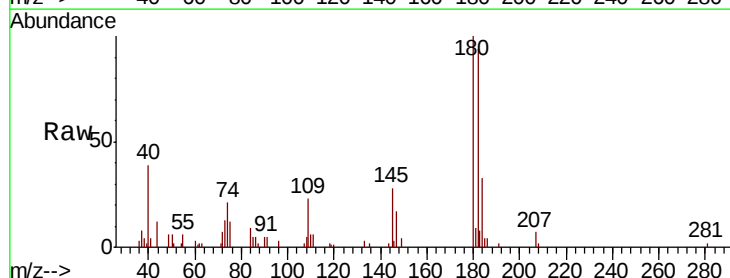


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 5.001 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD065420.D
Acq: 04 Mar 2020 19:38

Tgt Ion:180 Resp: 22994
Ion Ratio Lower Upper
180 100
182 93.5 46.9 140.6
145 30.0 15.0 45.1



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

