

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030420\
 Data File : VD065404.D
 Acq On : 04 Mar 2020 10:37
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 04 15:58:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 15:55:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	442885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	676598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	613370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	297974	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	19382	5.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.14%	
35) Dibromofluoromethane	7.92	113	20561	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	
50) Toluene-d8	10.34	98	73015	4.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.06%	
62) 4-Bromofluorobenzene	12.64	95	22488	4.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	20773	5.41	ug/l	98
3) Chloromethane	2.21	50	24450	5.31	ug/l	98
4) Vinyl Chloride	2.35	62	24256	5.33	ug/l	95
5) Bromomethane	2.78	94	17098	5.85	ug/l	99
6) Chloroethane	2.93	64	14548	5.24	ug/l	99
7) Trichlorofluoromethane	3.28	101	37628	5.61	ug/l	92
8) Diethyl Ether	3.71	74	9363	4.68	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	22169	5.14	ug/l	98
10) Methyl Iodide	4.30	142	17048	3.82	ug/l	96
11) Tert butyl alcohol	5.25	59	4559	22.07	ug/l #	76
12) 1,1-Dichloroethene	4.07	96	21113	5.11	ug/l	96
13) Acrolein	3.92	56	9786	25.96	ug/l	96
14) Allyl chloride	4.71	41	29963	4.71	ug/l	96
15) Acrylonitrile	5.43	53	20871	23.72	ug/l	97
16) Acetone	4.17	43	19728	25.32	ug/l #	83
17) Carbon Disulfide	4.40	76	70264	5.10	ug/l	98
18) Methyl Acetate	4.73	43	10044	5.04	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	34055	4.24	ug/l	100
20) Methylene Chloride	4.97	84	29723	6.15	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	23468	5.09	ug/l	86
22) Diisopropyl ether	6.37	45	51889	4.35	ug/l #	93
23) Vinyl Acetate	6.31	43	123751	18.69	ug/l	98
24) 1,1-Dichloroethane	6.27	63	38465	5.07	ug/l	93
25) 2-Butanone	7.23	43	23716	22.25	ug/l	90
26) 2,2-Dichloropropane	7.21	77	33911	5.12	ug/l	98
27) cis-1,2-Dichloroethene	7.22	96	22427	4.75	ug/l	98
28) Bromochloromethane	7.55	49	17171	5.58	ug/l	97
29) Tetrahydrofuran	7.58	42	13452	19.64	ug/l	99
30) Chloroform	7.71	83	40235	5.27	ug/l	99
31) Cyclohexane	7.99	56	40552	5.37	ug/l #	86
32) 1,1,1-Trichloroethane	7.91	97	37427	5.35	ug/l	96
36) 1,1-Dichloropropene	8.12	75	31009	4.77	ug/l	99
37) Ethyl Acetate	7.30	43	11240	4.41	ug/l #	79
38) Carbon Tetrachloride	8.10	117	34141	5.08	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030420\
 Data File : VD065404.D
 Acq On : 04 Mar 2020 10:37
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 04 15:58:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 15:55:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	32082	4.13	ug/l	95
40) Benzene	8.36	78	87086	4.77	ug/l	99
41) Methacrylonitrile	7.53	41	5787	4.47	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	24143	5.03	ug/l	100
43) Isopropyl Acetate	8.46	43	19925	4.27	ug/l	93
44) Trichloroethene	9.11	130	25161	4.91	ug/l	98
45) 1,2-Dichloropropane	9.39	63	21036	4.75	ug/l	91
46) Dibromomethane	9.48	93	11512	5.00	ug/l	97
47) Bromodichloromethane	9.67	83	29192	4.88	ug/l	93
48) Methyl methacrylate	9.46	41	8634	3.92	ug/l #	92
49) 1,4-Dioxane	9.47	88	2197	82.86	ug/l #	92
51) 4-Methyl-2-Pentanone	10.24	43	45050	19.11	ug/l	97
52) Toluene	10.41	92	49325	4.29	ug/l	95
53) t-1,3-Dichloropropene	10.63	75	24276	4.31	ug/l	95
54) cis-1,3-Dichloropropene	10.10	75	28912	4.25	ug/l	94
55) 1,1,2-Trichloroethane	10.81	97	15231	4.68	ug/l	93
56) Ethyl methacrylate	10.67	69	12916	3.50	ug/l	95
57) 1,3-Dichloropropane	10.95	76	25074	4.54	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.95	63	22268	16.96	ug/l	99
59) 2-Hexanone	10.99	43	30287	18.54	ug/l	92
60) Dibromochloromethane	11.14	129	19617	4.68	ug/l	97
61) 1,2-Dibromoethane	11.25	107	14592	4.69	ug/l	96
64) Tetrachloroethene	10.88	164	22368	5.08	ug/l	96
65) Chlorobenzene	11.68	112	58352	4.78	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.75	131	21316	4.78	ug/l	99
67) Ethyl Benzene	11.75	91	92285	4.39	ug/l	100
68) m/p-Xylenes	11.86	106	67067	8.27	ug/l	96
69) o-Xylene	12.18	106	29110	4.08	ug/l	99
70) Styrene	12.20	104	49545	3.94	ug/l	99
71) Bromoform	12.37	173	11497	4.57	ug/l #	95
73) Isopropylbenzene	12.48	105	78646	4.02	ug/l	99
74) N-amyl acetate	12.30	43	16574	4.10	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	16121	4.64	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	20264	4.92	ug/l #	100
77) Bromobenzene	12.77	156	22084	4.50	ug/l	98
78) n-propylbenzene	12.83	91	97282	4.18	ug/l	100
79) 2-Chlorotoluene	12.91	91	55972	4.27	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	64117	3.98	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	4838	4.33	ug/l #	89
82) 4-Chlorotoluene	13.01	91	60690	4.39	ug/l	99
83) tert-Butylbenzene	13.23	119	55787	4.10	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	64236	4.04	ug/l	99
85) sec-Butylbenzene	13.41	105	78144	4.02	ug/l	97
86) p-Isopropyltoluene	13.53	119	69516	3.92	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	44478	4.75	ug/l	98
88) 1,4-Dichlorobenzene	13.61	146	46141	4.94	ug/l	97
89) n-Butylbenzene	13.86	91	68573	4.19	ug/l	97
90) Hexachloroethane	14.12	117	18347	5.01	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	38424	4.78	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.53	75	2654	4.98	ug/l	84

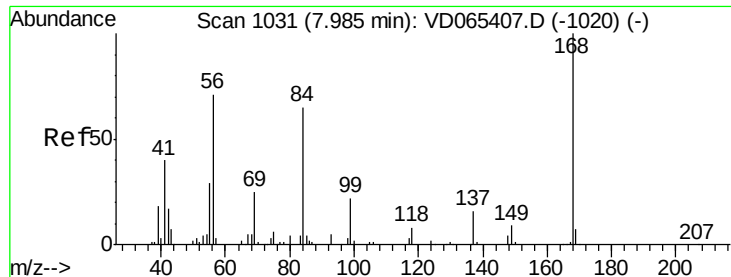
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD030420\
Data File : VD065404.D
Acq On : 04 Mar 2020 10:37
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Mar 04 15:58:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 15:55:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	23050	4.26	ug/l	94
94) Hexachlorobutadiene	15.28	225	16053	4.54	ug/l	96
95) Naphthalene	15.41	128	29918	3.44	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.61	180	20200	4.30	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

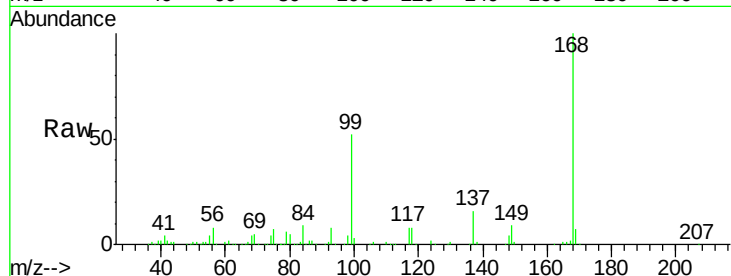
VSTDIC005

Tgt Ion: 168 Resp: 442885

Ion Ratio Lower Upper

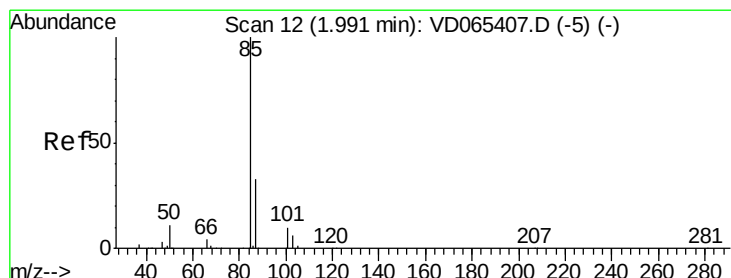
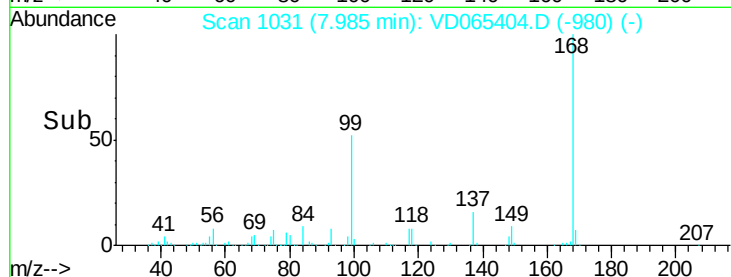
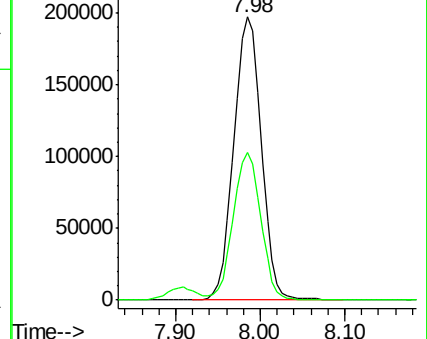
168 100

99 52.0 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: 5.41 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065404.D

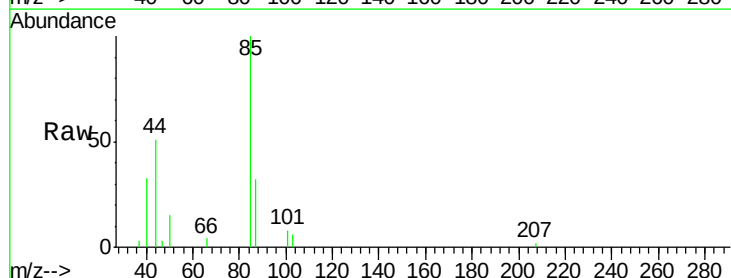
Acq: 04 Mar 2020 10:37

Tgt Ion: 85 Resp: 20773

Ion Ratio Lower Upper

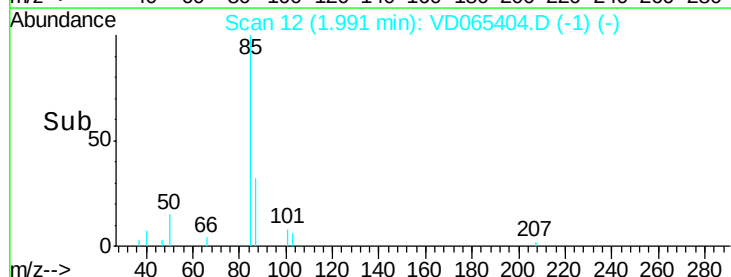
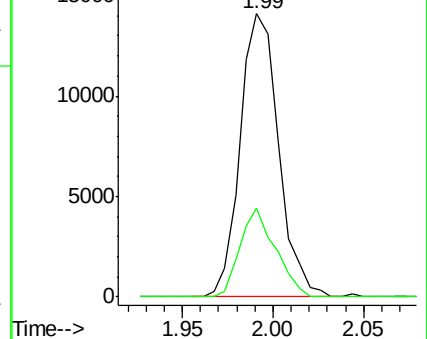
85 100

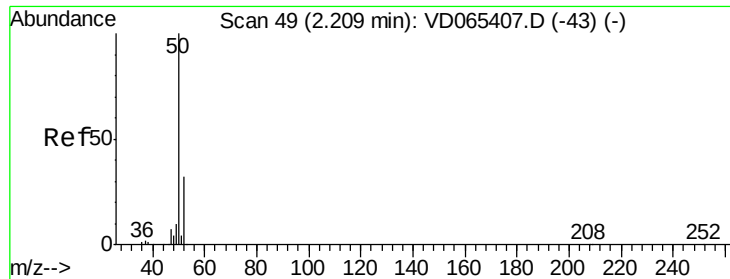
87 31.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 5.31 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

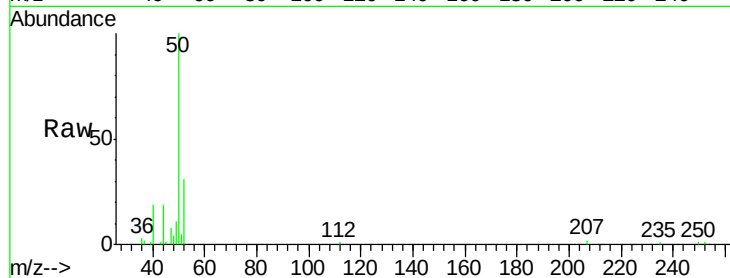
VSTDIC005

Tgt Ion: 50 Resp: 24450

Ion Ratio Lower Upper

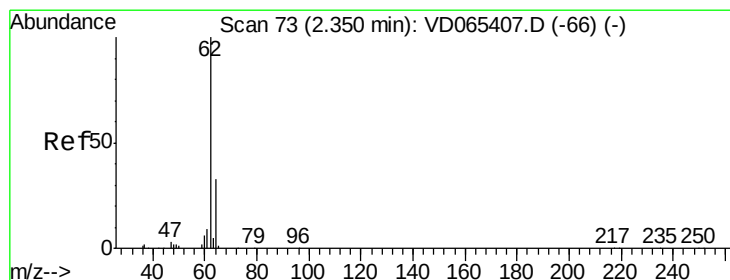
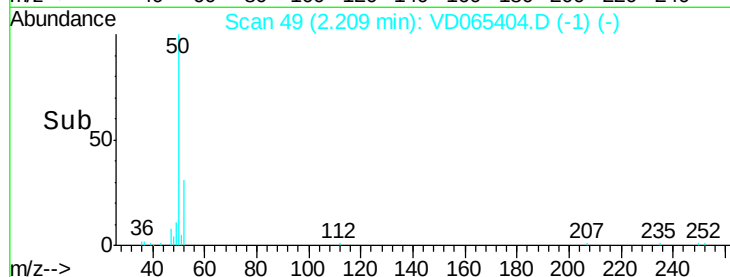
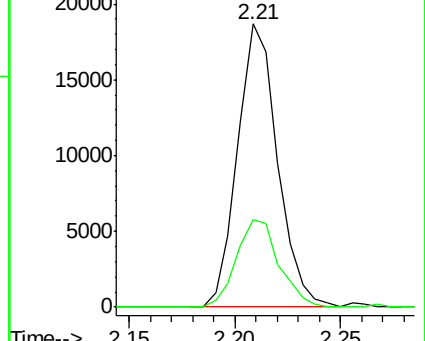
50 100

52 31.0 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: 5.33 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065404.D

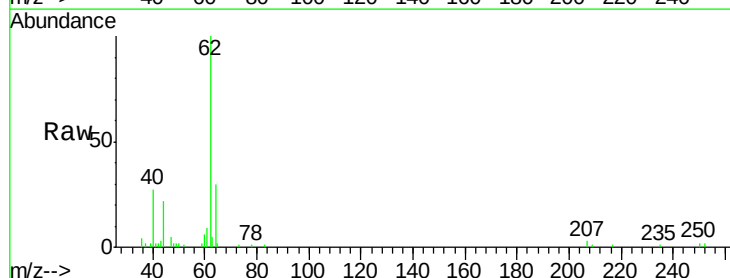
Acq: 04 Mar 2020 10:37

Tgt Ion: 62 Resp: 24256

Ion Ratio Lower Upper

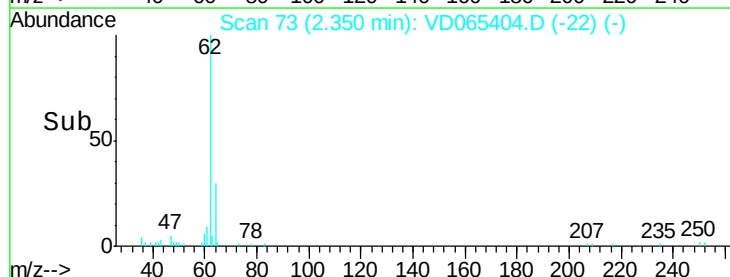
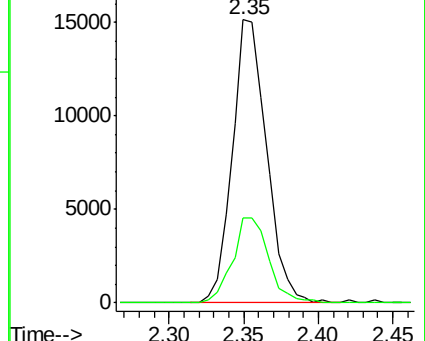
62 100

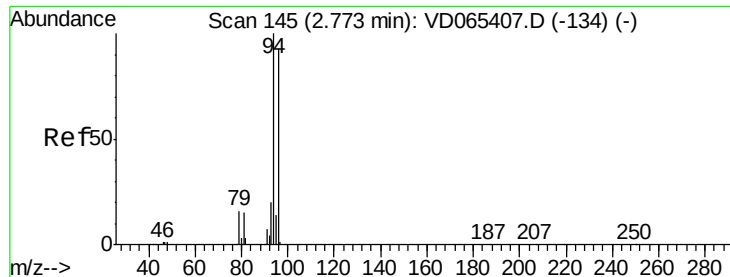
64 30.1 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 5.85 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

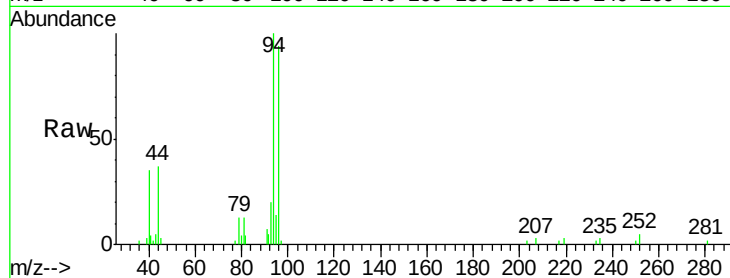
VSTDIC005

Tgt Ion: 94 Resp: 17098

Ion Ratio Lower Upper

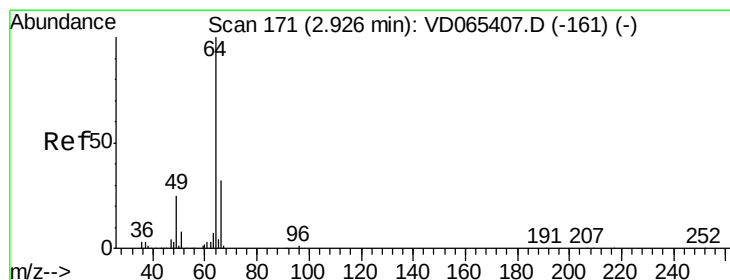
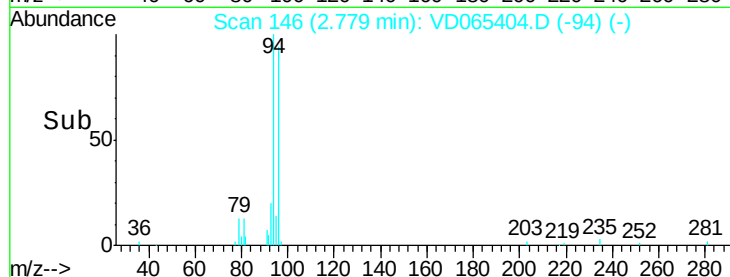
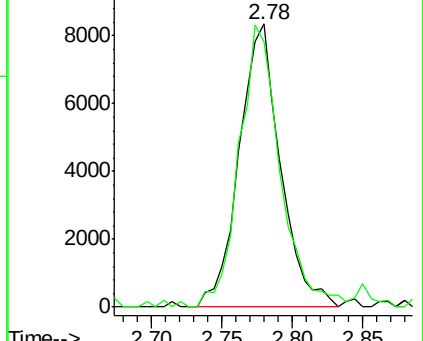
94 100

96 93.7 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: 5.24 ug/l

RT: 2.93 min Scan# 172

Delta R.T. 0.01 min

Lab File: VD065404.D

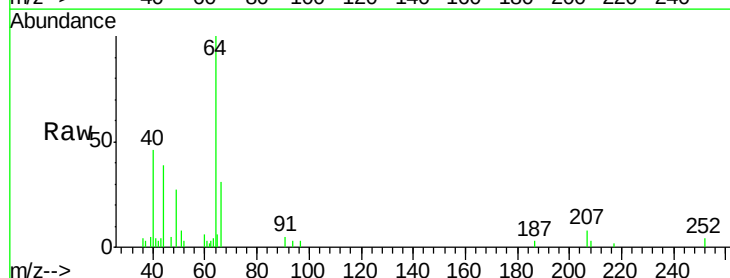
Acq: 04 Mar 2020 10:37

Tgt Ion: 64 Resp: 14548

Ion Ratio Lower Upper

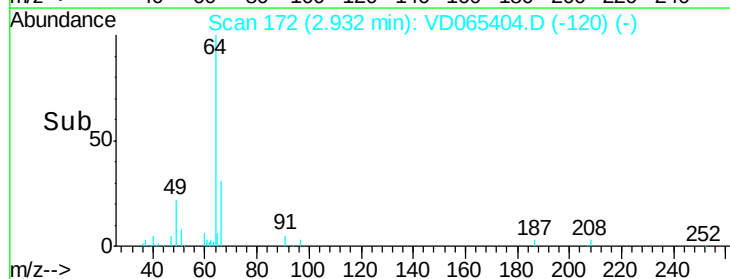
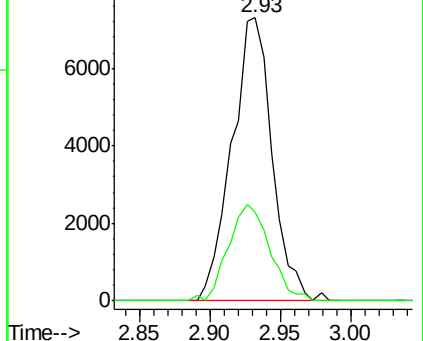
64 100

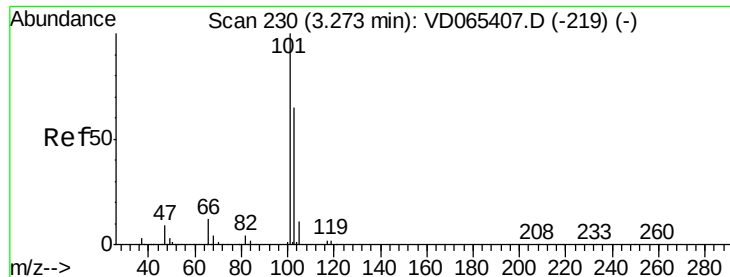
66 31.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



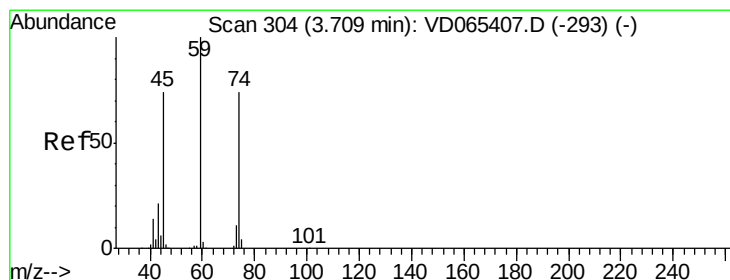
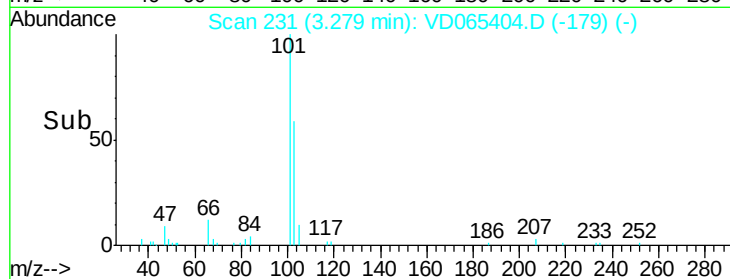
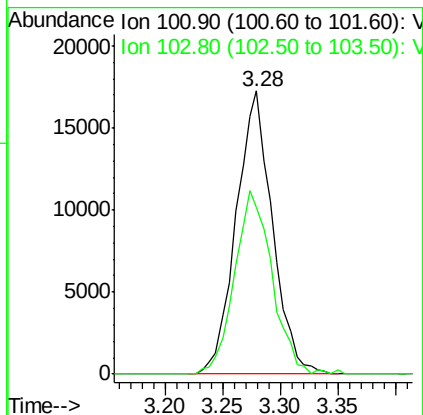
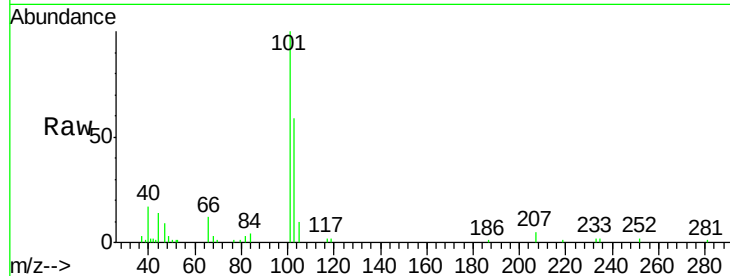


#7

Trichlorofluoromethane
 Concen: 5.61 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

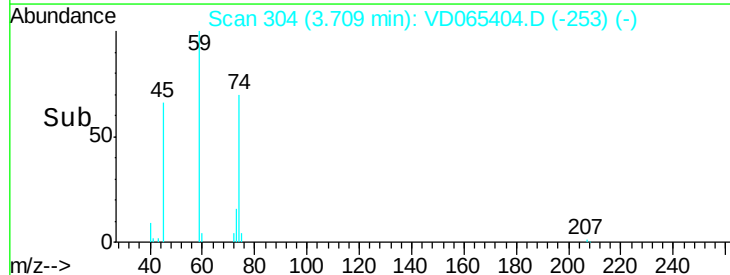
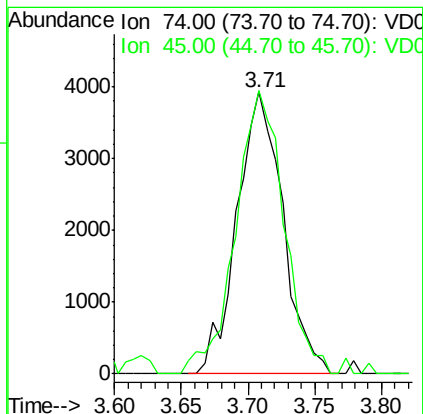
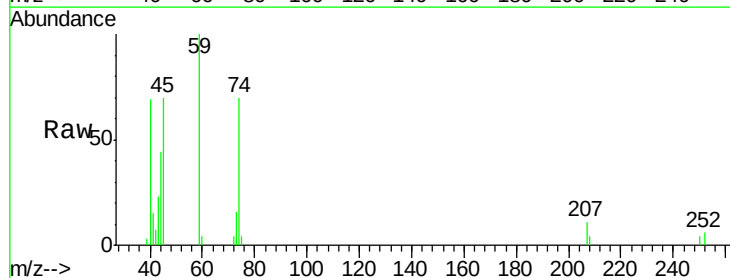
Tgt Ion: 101 Resp: 37628
 Ion Ratio Lower Upper
 101 100
 103 58.9 52.1 78.1

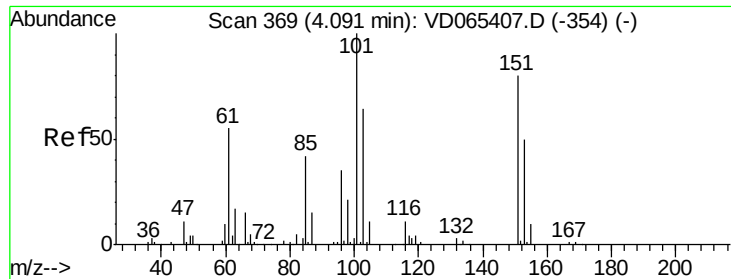


#8

Diethyl Ether
 Concen: 4.68 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

Tgt Ion: 74 Resp: 9363
 Ion Ratio Lower Upper
 74 100
 45 105.7 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.14 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

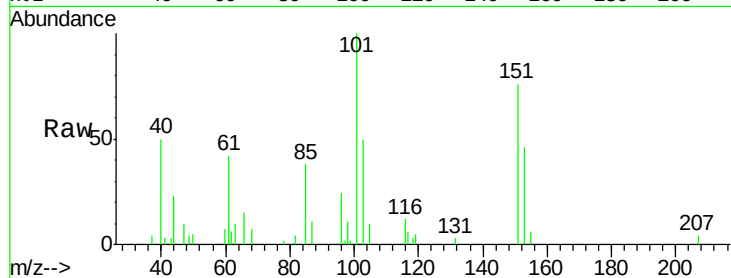
Tgt Ion:101 Resp: 22169

Ion Ratio Lower Upper

101 100

85 44.5 34.2 51.2

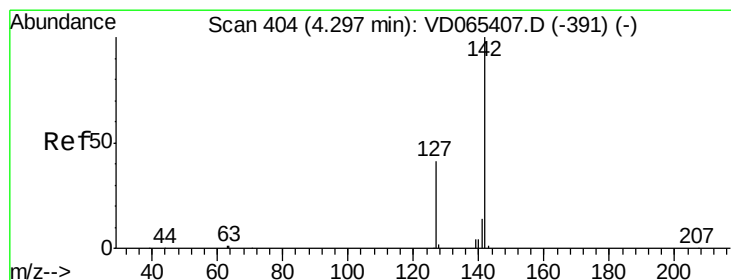
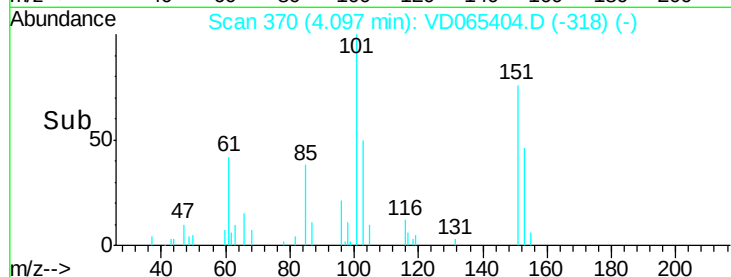
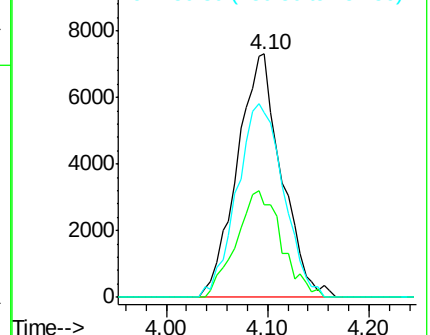
151 83.3 65.1 97.7



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: 3.82 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

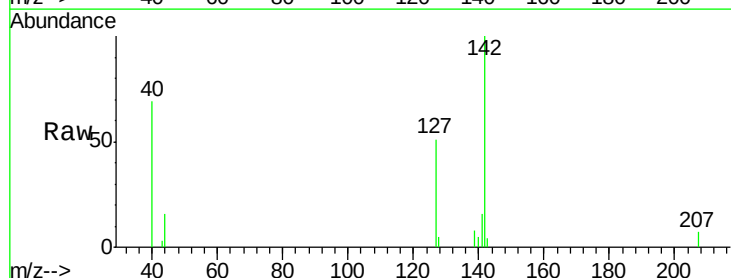
Tgt Ion:142 Resp: 17048

Ion Ratio Lower Upper

142 100

127 46.8 35.0 52.6

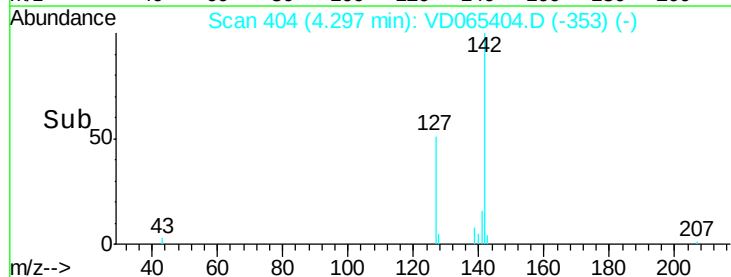
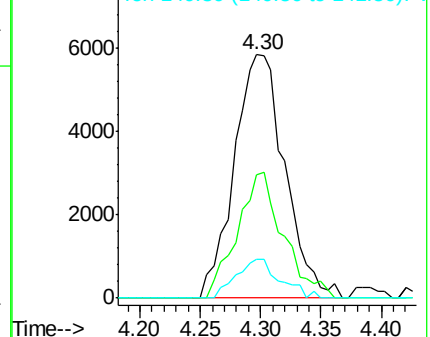
141 13.9 12.4 18.6

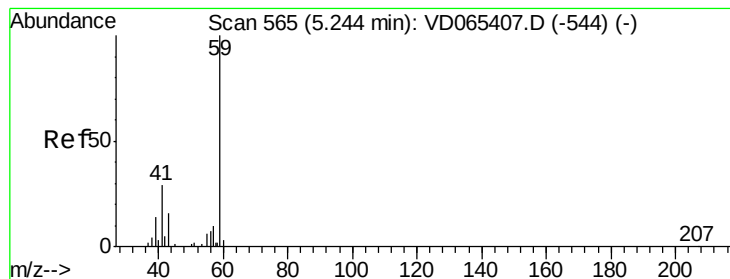


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 22.07 ug/l

RT: 5.25 min Scan# 566

Delta R.T. 0.01 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

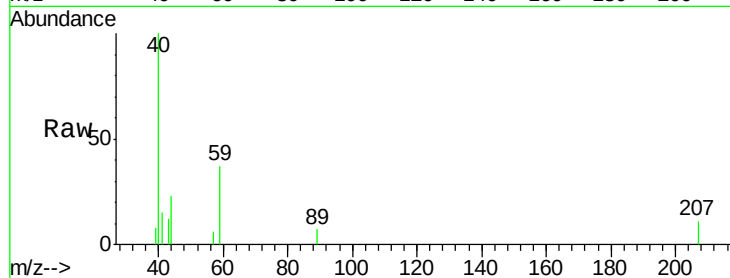
VSTDIC005

Tgt Ion: 59 Resp: 4559

Ion Ratio Lower Upper

59 100

57 0.0 6.9 10.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.25

1500

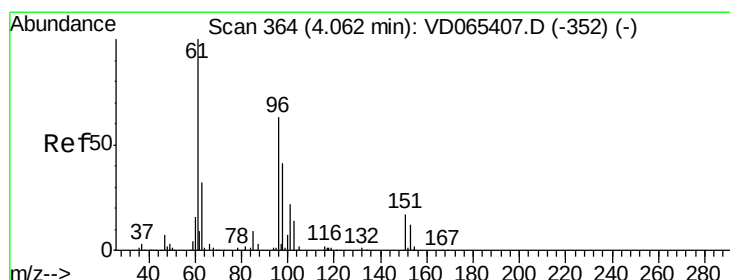
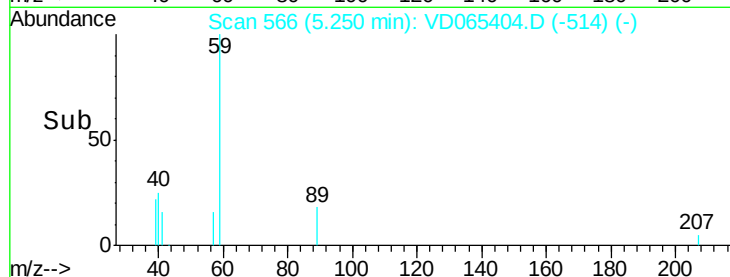
1000

500

0

5.20 5.25 5.30 5.35

Time-->



#12

1,1-Dichloroethene

Concen: 5.11 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.01 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

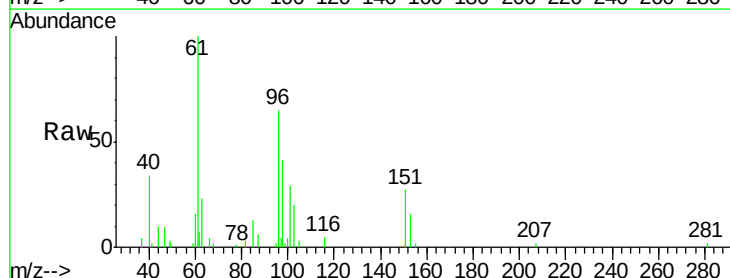
Tgt Ion: 96 Resp: 21113

Ion Ratio Lower Upper

96 100

61 153.9 128.0 192.0

98 63.4 51.9 77.9



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

15000

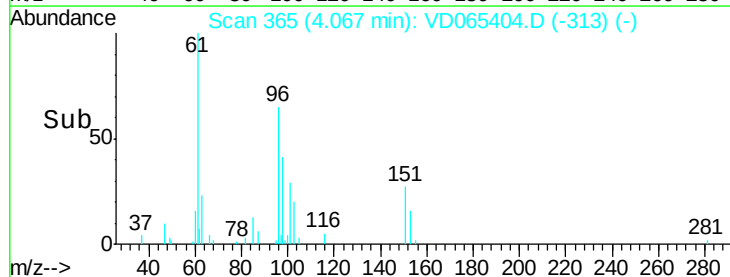
10000

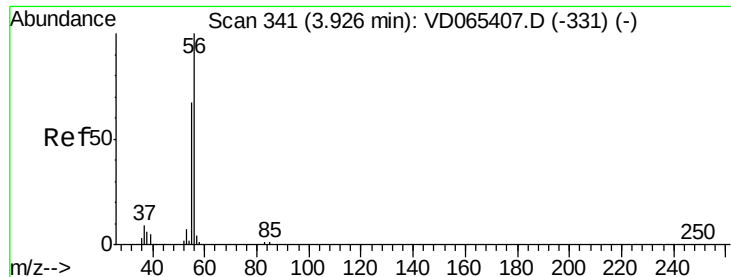
5000

0

3.95 4.00 4.05 4.10 4.15

Time-->





#13

Acrolein

Concen: 25.96 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

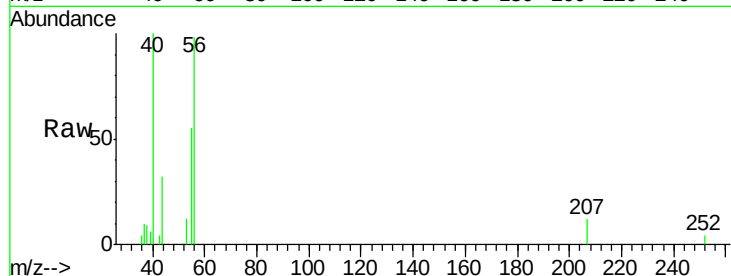
VSTDIC005

Tgt Ion: 56 Resp: 9786

Ion Ratio Lower Upper

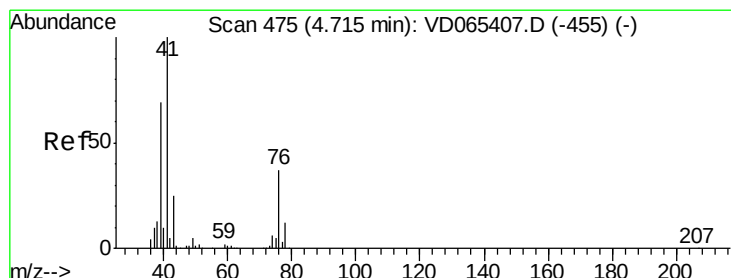
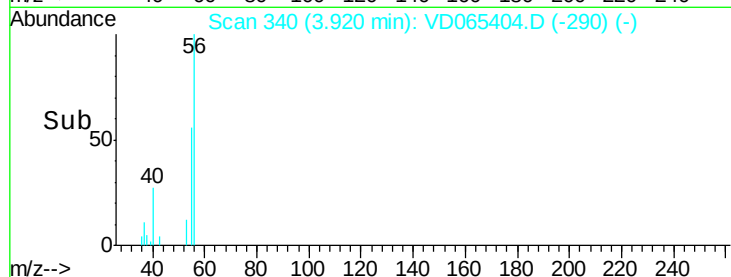
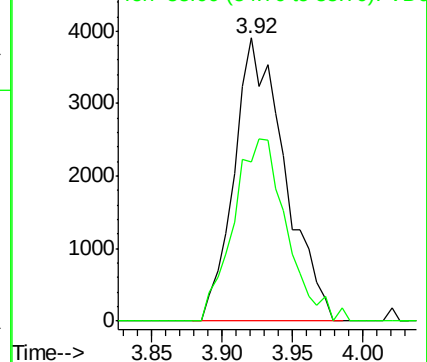
56 100

55 67.8 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 4.71 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

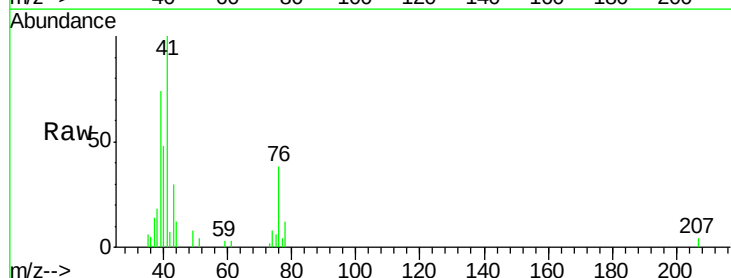
Tgt Ion: 41 Resp: 29963

Ion Ratio Lower Upper

41 100

39 63.1 52.6 79.0

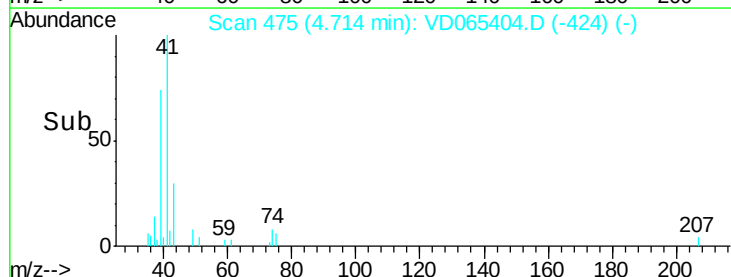
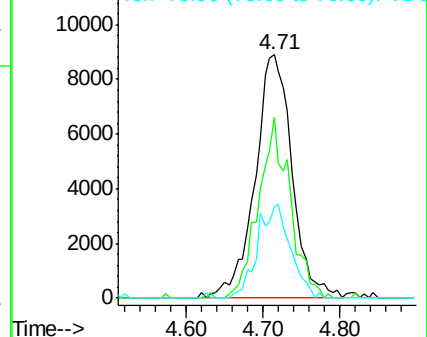
76 34.1 29.2 43.8

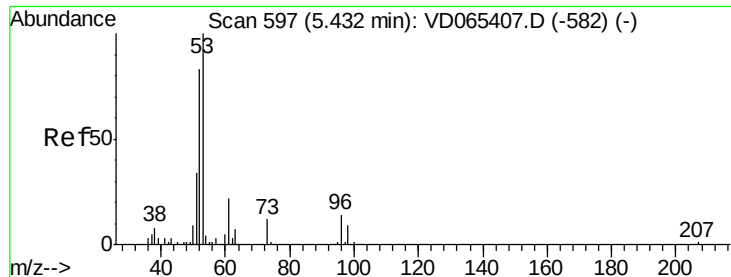


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 23.72 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

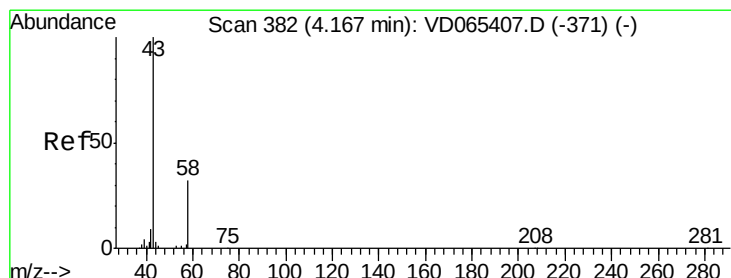
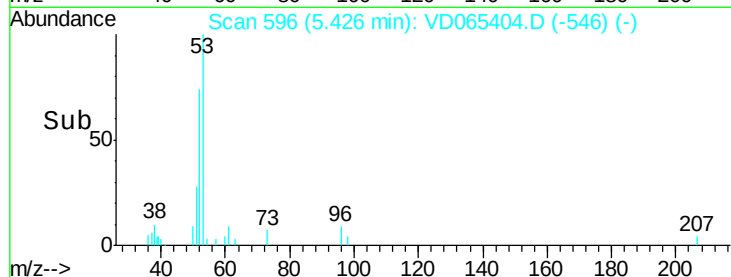
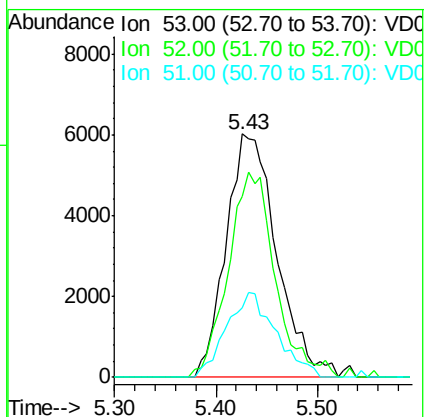
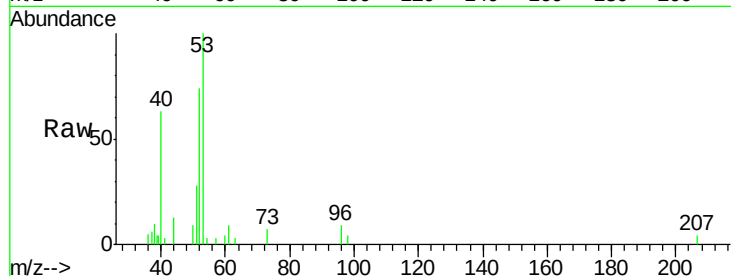
Tgt Ion: 53 Resp: 20871

Ion Ratio Lower Upper

53 100

52 78.1 65.1 97.7

51 34.1 28.5 42.7



#16

Acetone

Concen: 25.32 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065404.D

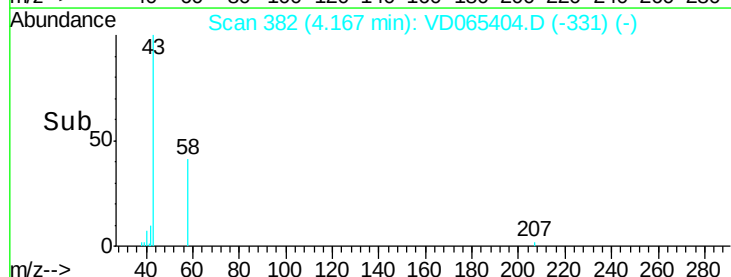
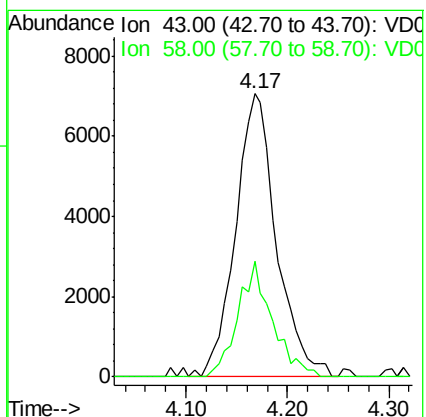
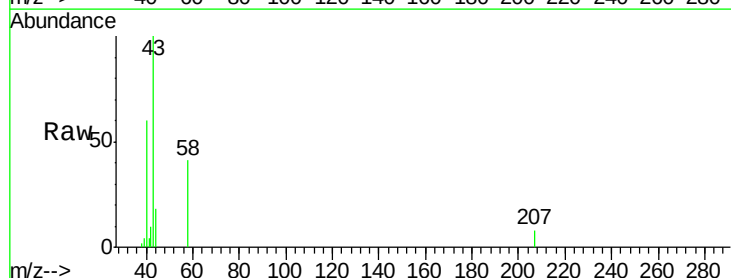
Acq: 04 Mar 2020 10:37

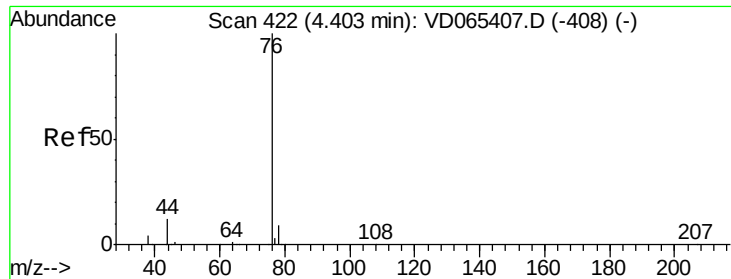
Tgt Ion: 43 Resp: 19728

Ion Ratio Lower Upper

43 100

58 40.7 25.1 37.7#

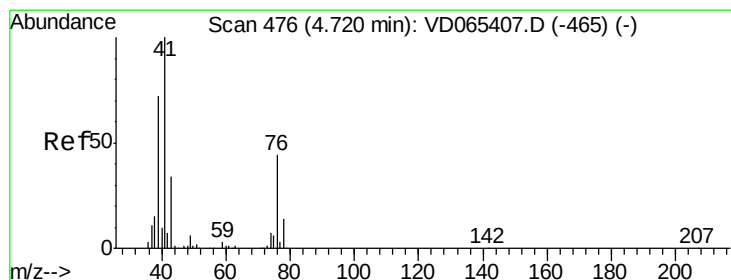
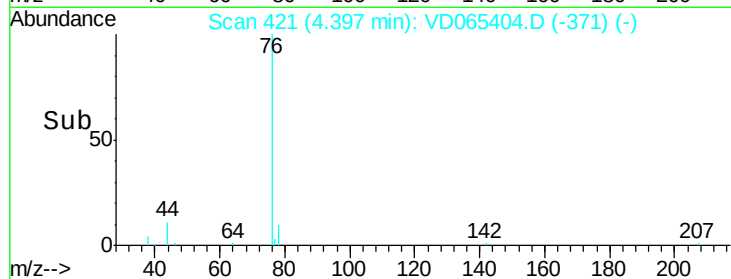
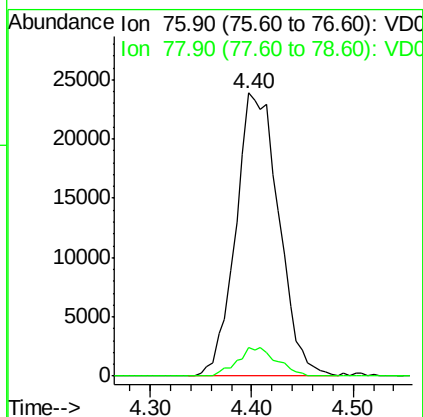
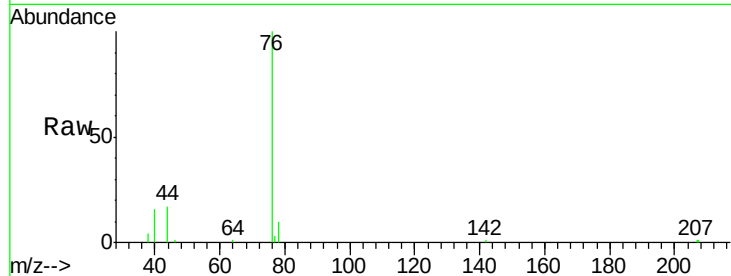




#17
Carbon Disulfide
Concen: 5.10 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

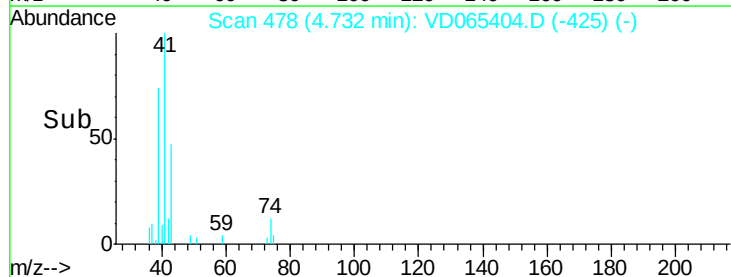
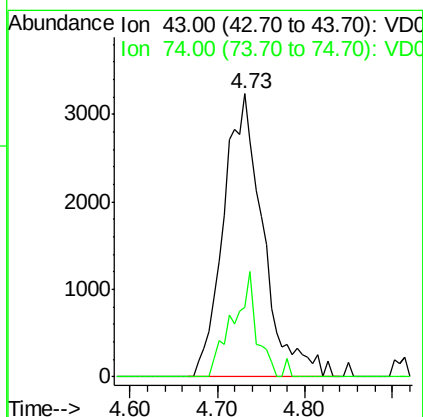
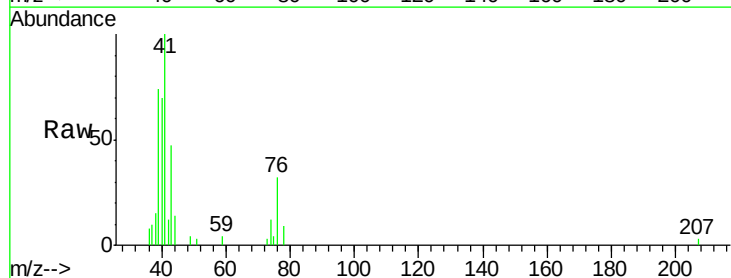
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

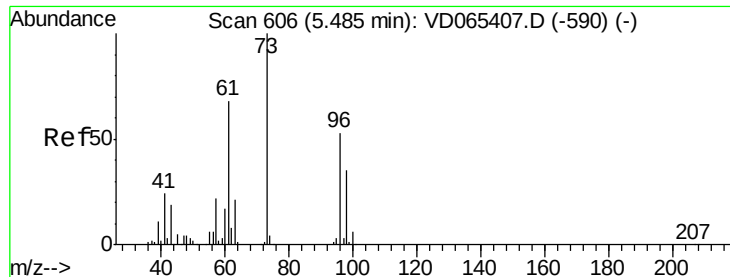
Tgt Ion: 76 Resp: 70264
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 5.04 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion: 43 Resp: 10044
Ion Ratio Lower Upper
43 100
74 22.1 19.6 29.4

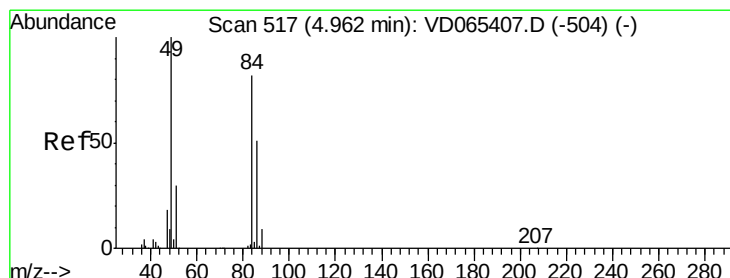
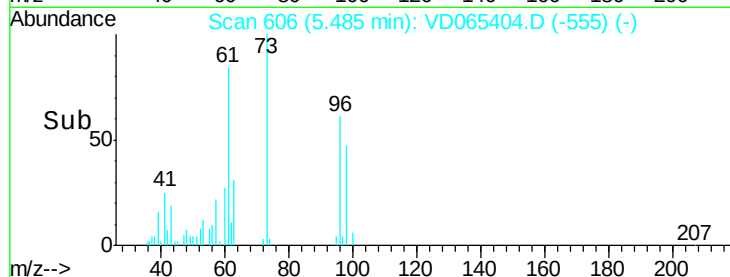
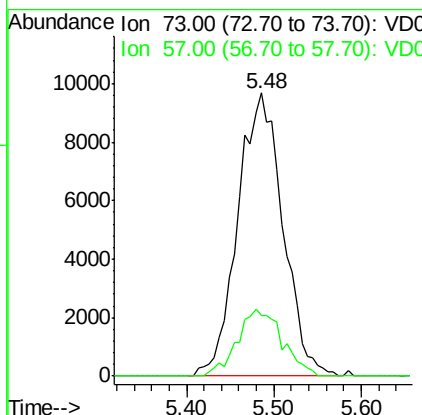
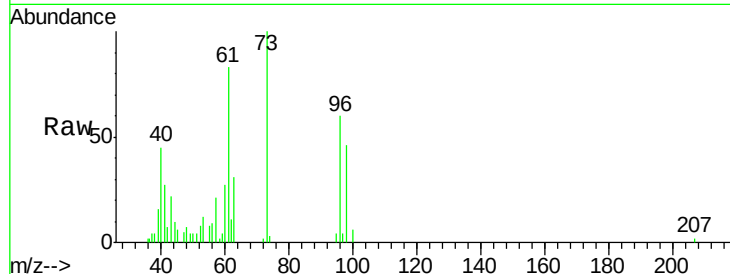




#19
Methyl tert-butyl Ether
Concen: 4.24 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

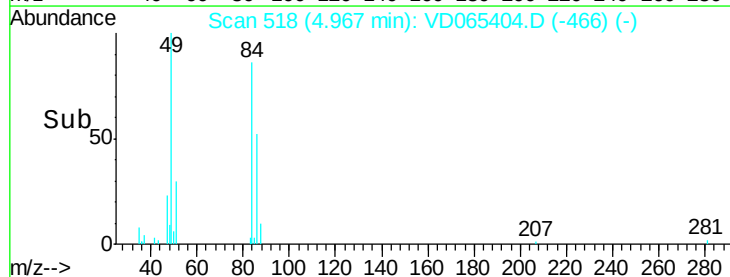
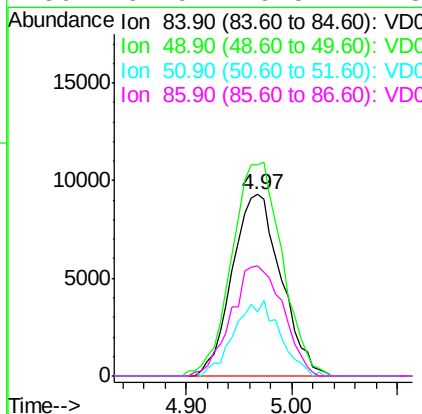
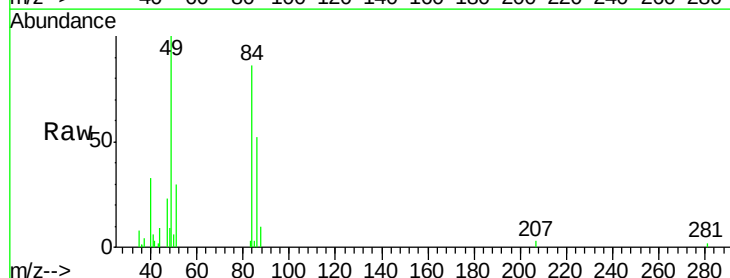
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

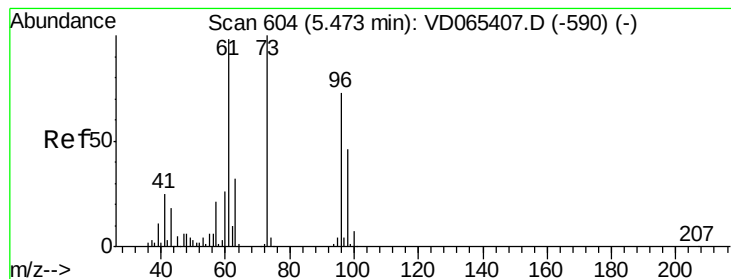
Tgt Ion: 73 Resp: 34055
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 6.15 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion: 84 Resp: 29723
Ion Ratio Lower Upper
84 100
49 116.3 97.7 146.5
51 35.3 28.8 43.2
86 61.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 5.09 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

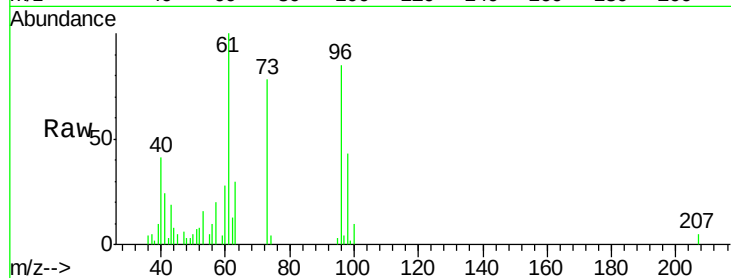
Tgt Ion: 96 Resp: 23468

Ion Ratio Lower Upper

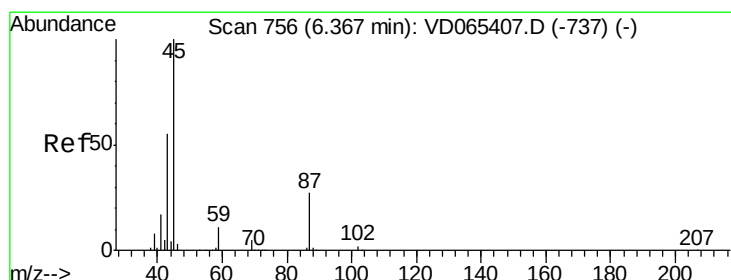
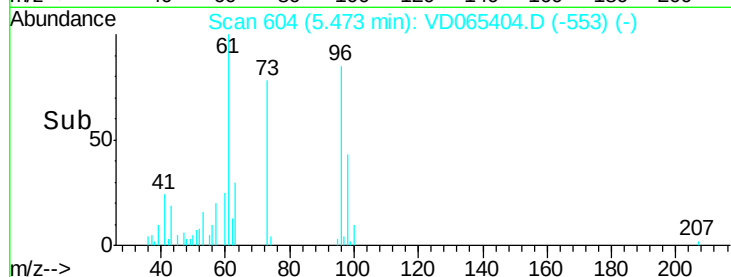
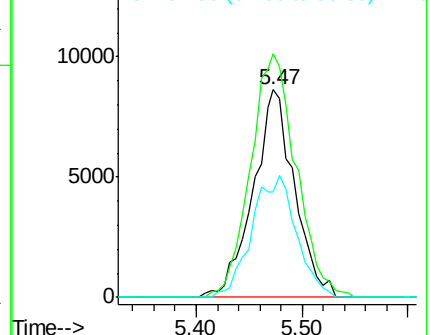
96 100

61 117.4 106.3 159.5

98 50.9 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: 4.35 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Tgt Ion: 45 Resp: 51889

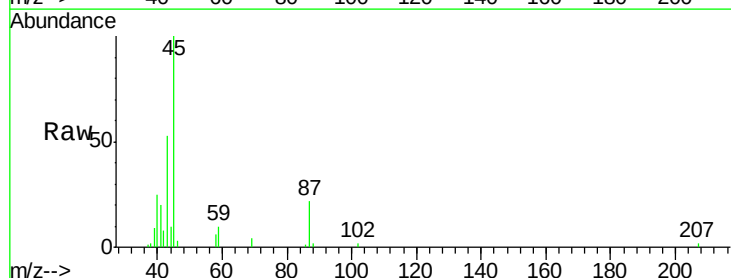
Ion Ratio Lower Upper

45 100

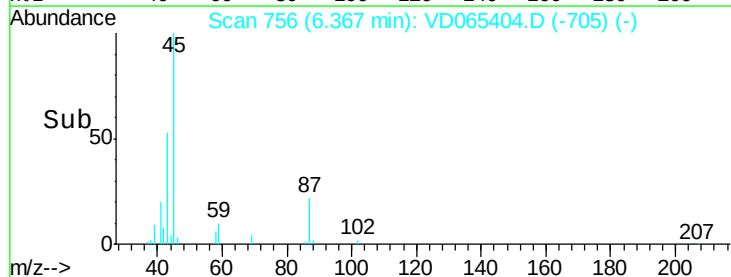
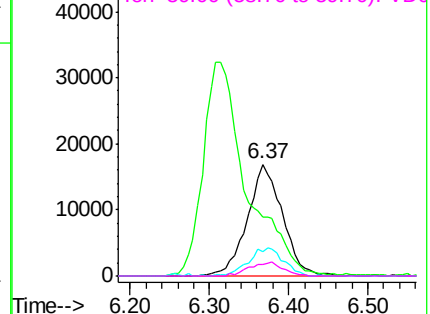
43 50.8 44.4 66.6

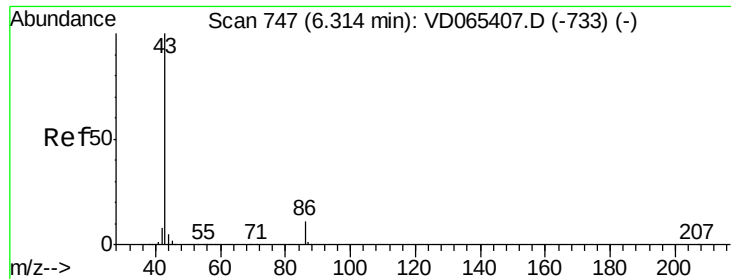
87 21.8 21.9 32.9#

59 9.9 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: 18.69 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

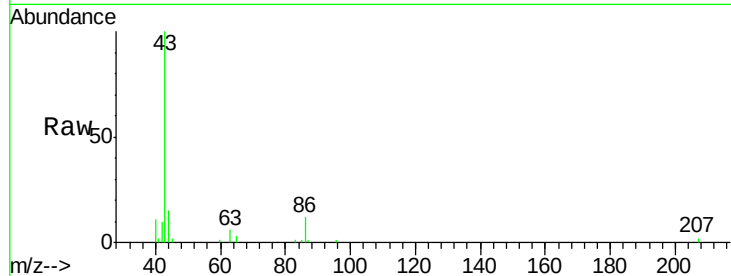
VSTDIC005

Tgt Ion: 43 Resp: 123751

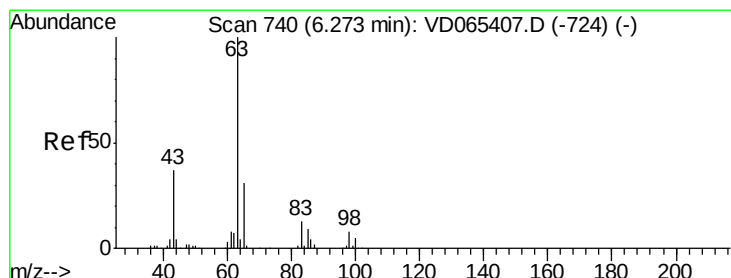
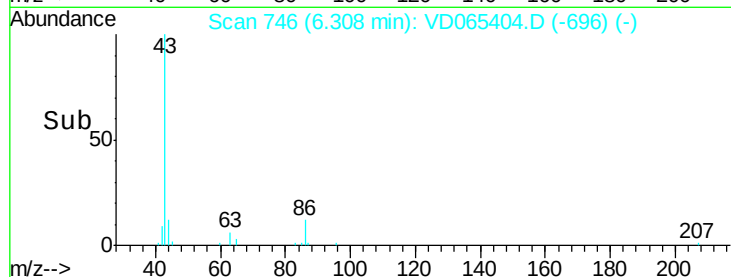
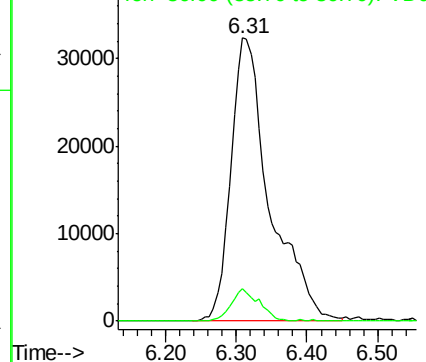
Ion Ratio Lower Upper

43 100

86 11.7 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: 5.07 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

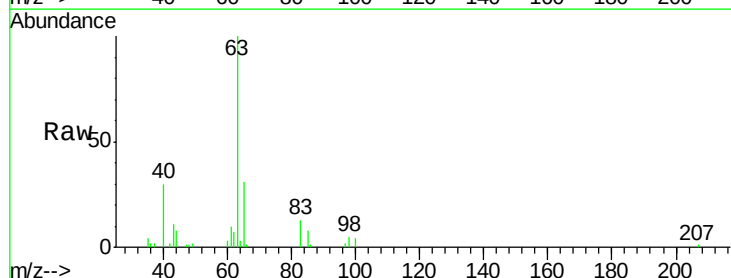
Tgt Ion: 63 Resp: 38465

Ion Ratio Lower Upper

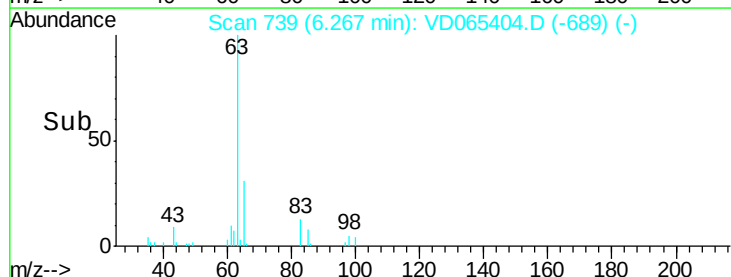
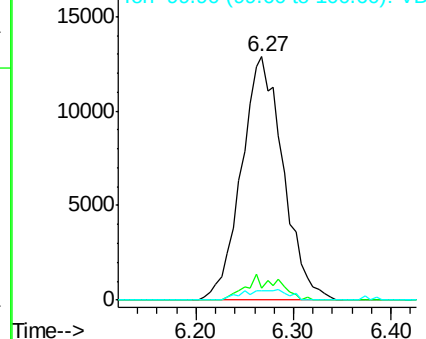
63 100

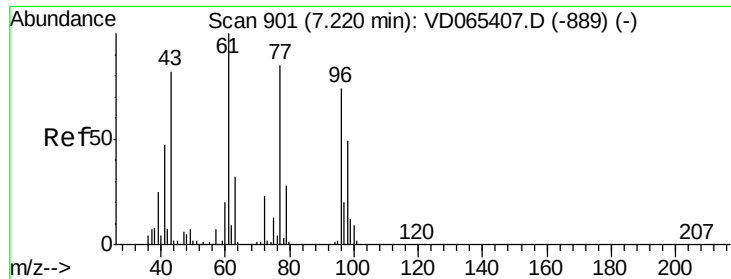
98 4.8 4.2 12.6

100 4.1 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: 22.25 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

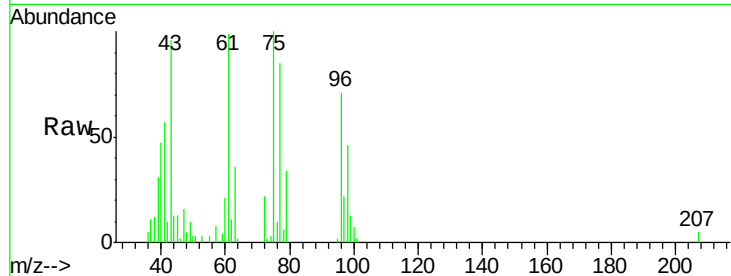
VSTDIC005

Tgt Ion: 43 Resp: 23716

Ion Ratio Lower Upper

43 100

72 22.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.23

10000

8000

6000

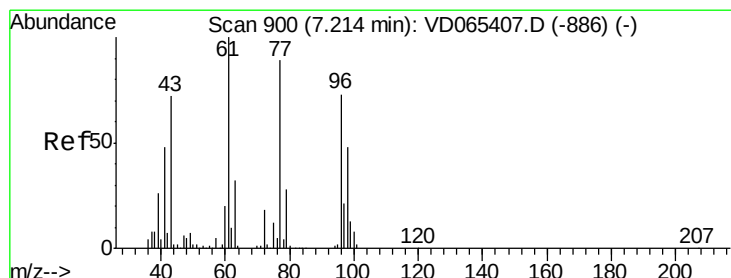
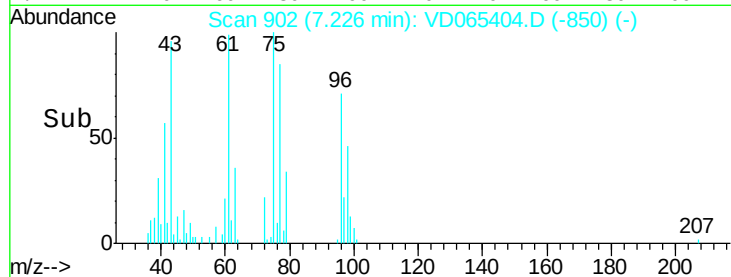
4000

2000

0

Time-->

7.15 7.20 7.25 7.30



#26

2,2-Dichloropropane

Concen: 5.12 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065404.D

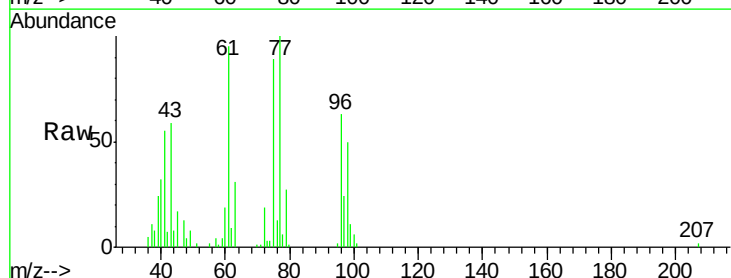
Acq: 04 Mar 2020 10:37

Tgt Ion: 77 Resp: 33911

Ion Ratio Lower Upper

77 100

97 24.4 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

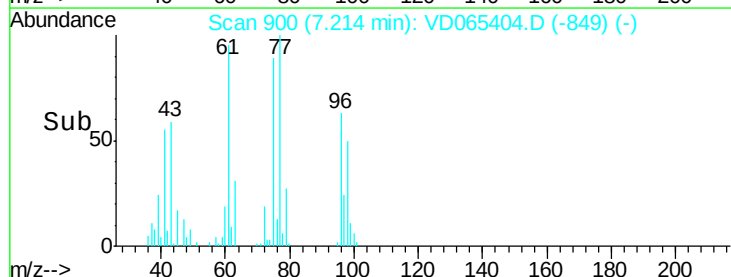
10000

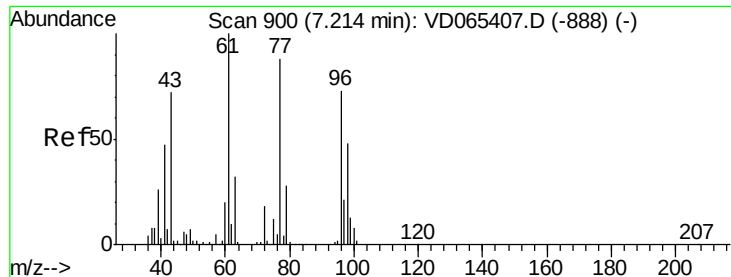
5000

0

Time-->

7.10 7.20 7.30





#27

cis-1,2-Dichloroethene

Concen: 4.75 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

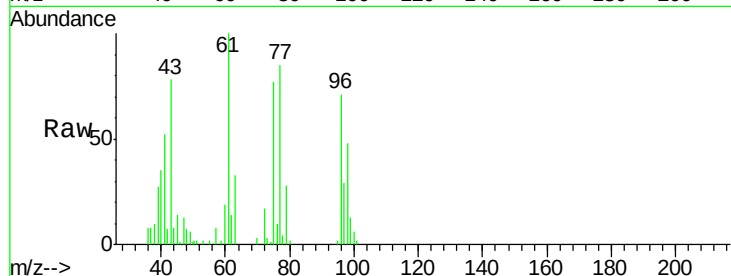
Tgt Ion: 96 Resp: 22427

Ion Ratio Lower Upper

96 100

61 142.5 0.0 280.4

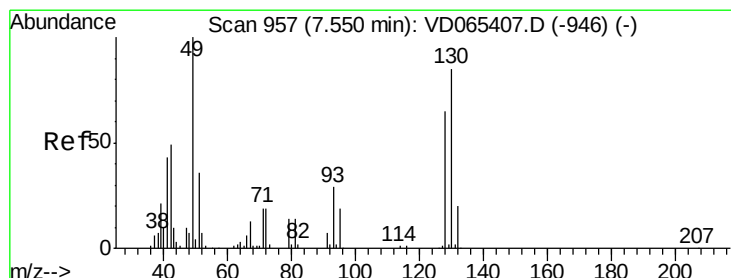
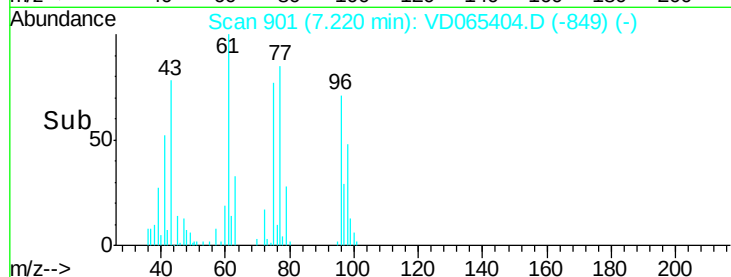
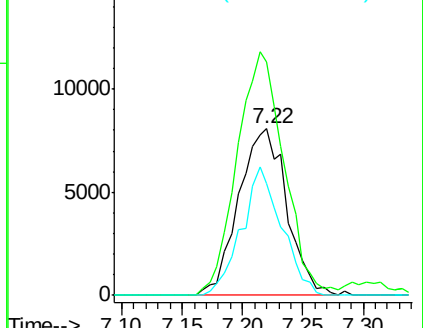
98 64.0 0.0 132.6



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: 5.58 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

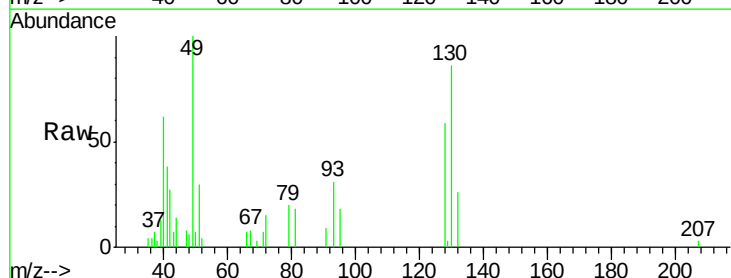
Tgt Ion: 49 Resp: 17171

Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.6

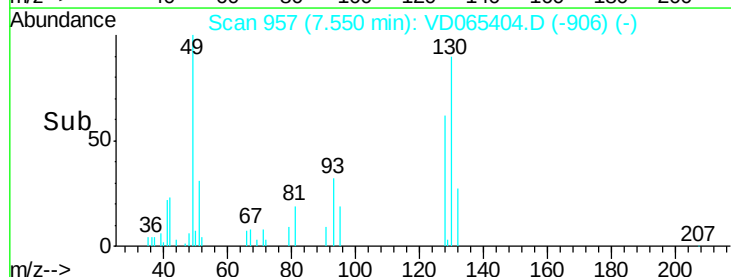
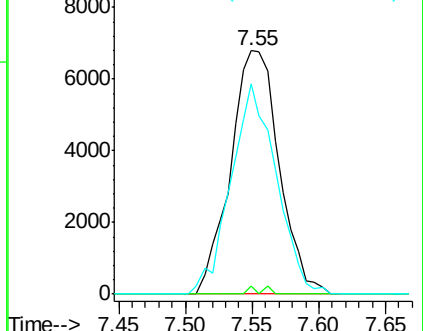
130 81.0 66.6 100.0

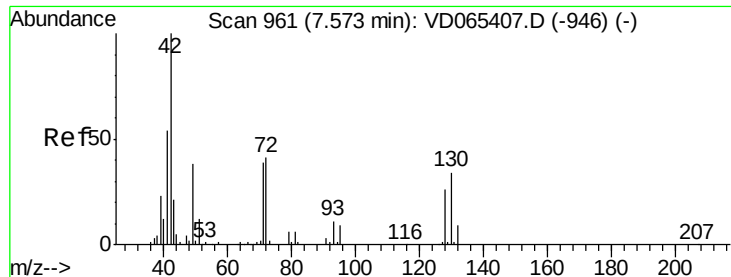


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

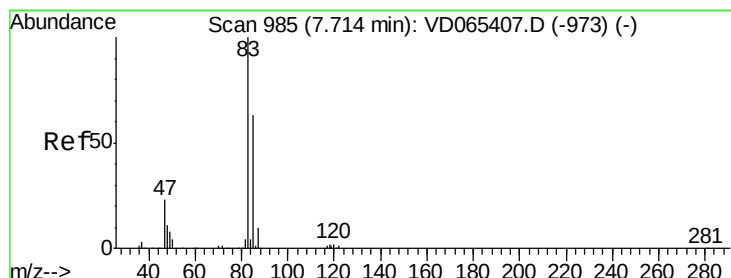
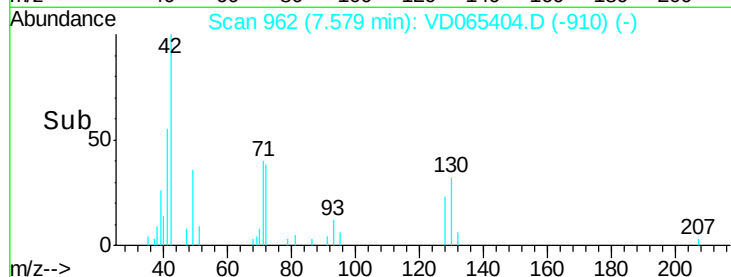
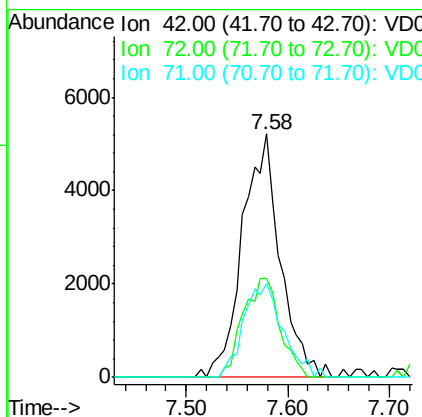
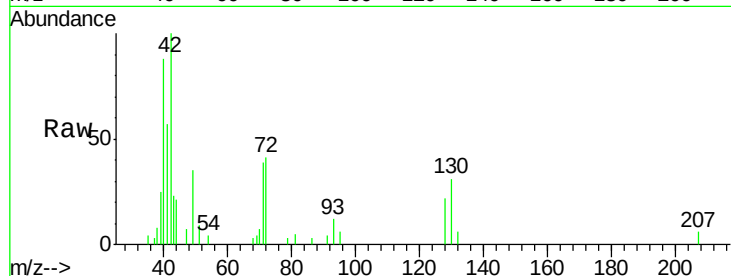




#29
Tetrahydrofuran
Concen: 19.64 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

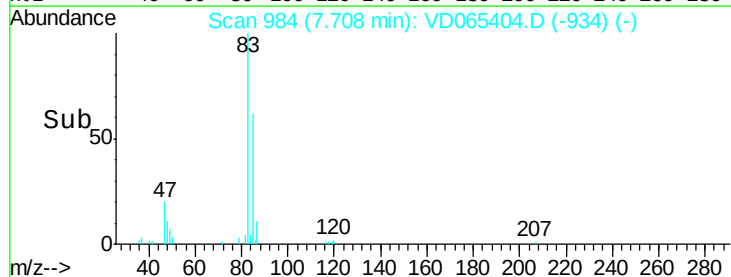
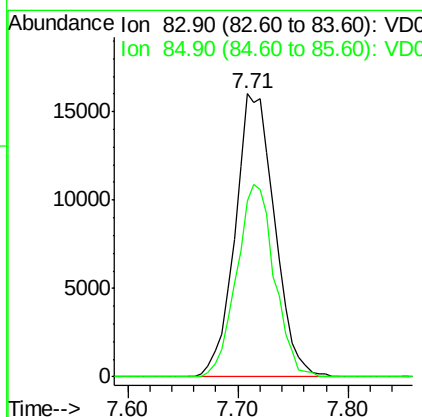
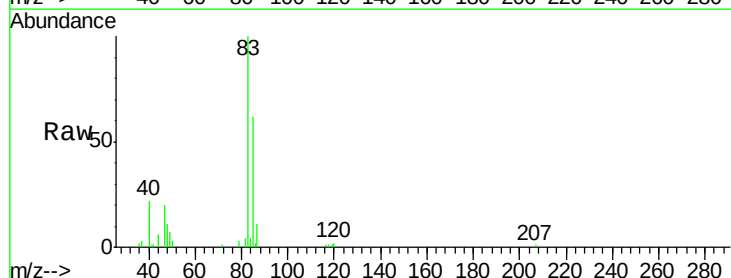
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

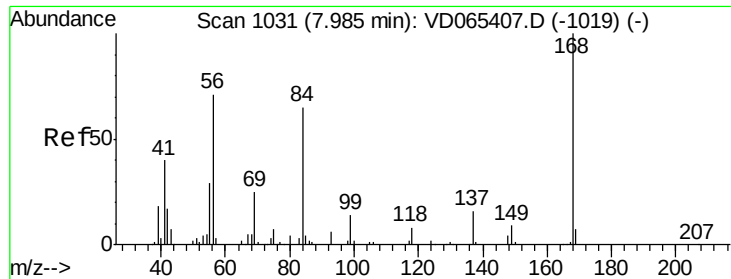
Tgt Ion: 42 Resp: 13452
Ion Ratio Lower Upper
42 100
72 39.8 33.0 49.6
71 40.1 32.0 48.0



#30
Chloroform
Concen: 5.27 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion: 83 Resp: 40235
Ion Ratio Lower Upper
83 100
85 62.1 50.3 75.5

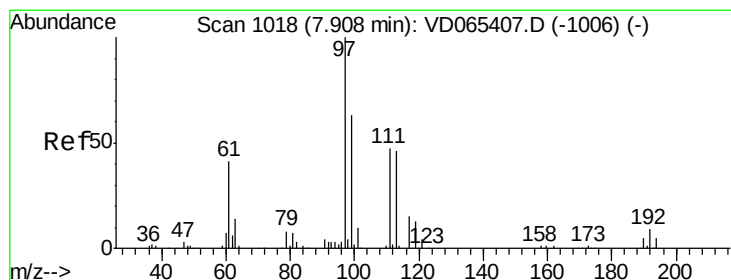
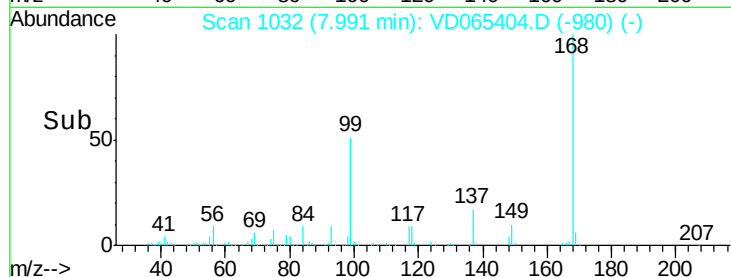
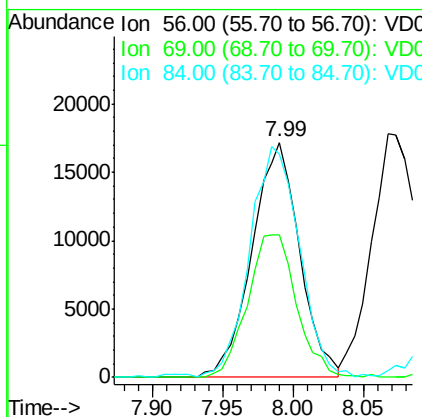
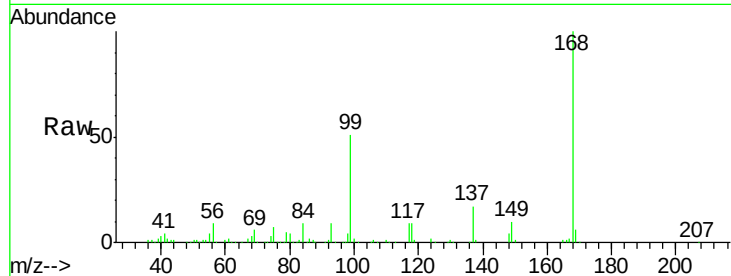




#31
Cyclohexane
Concen: 5.37 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

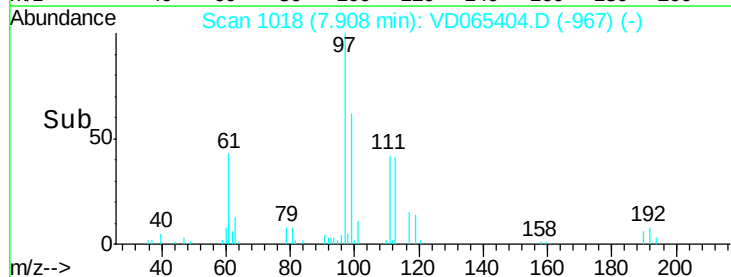
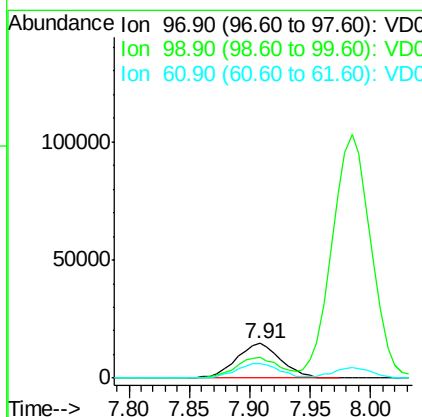
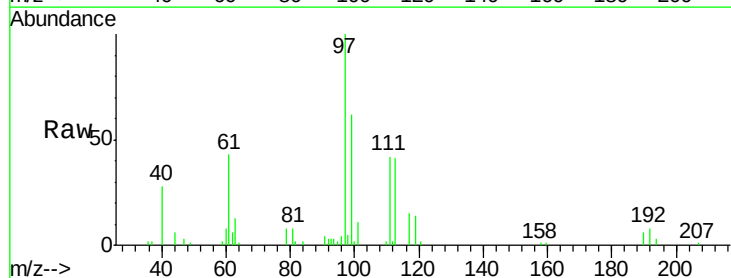
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

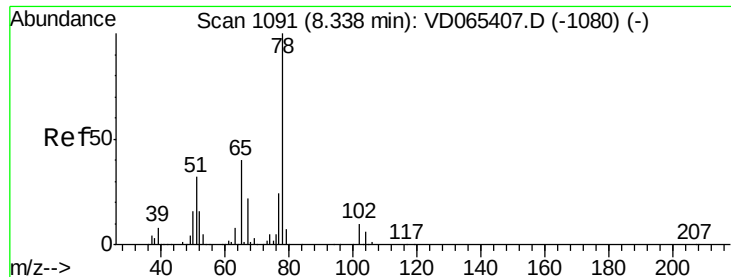
Tgt Ion: 56 Resp: 40552
Ion Ratio Lower Upper
56 100
69 60.5 28.3 42.5#
84 93.7 73.1 109.7



#32
1,1,1-Trichloroethane
Concen: 5.35 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion: 97 Resp: 37427
Ion Ratio Lower Upper
97 100
99 58.8 50.9 76.3
61 42.2 33.2 49.8

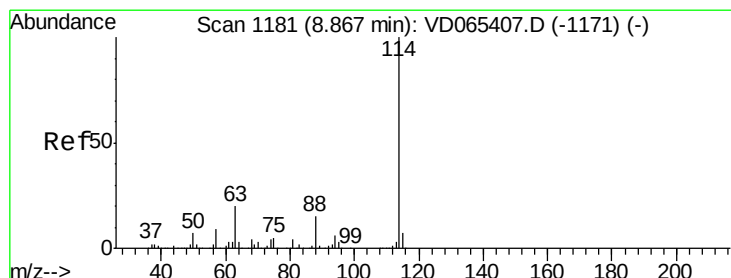
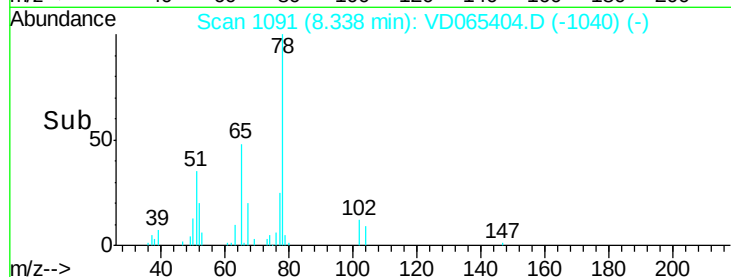
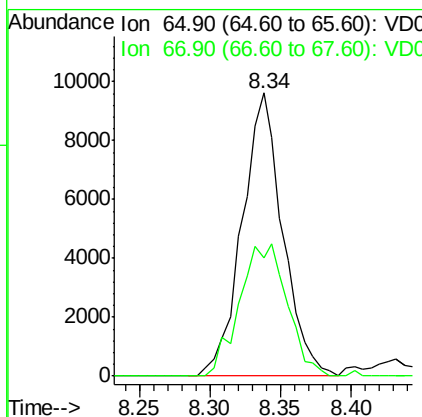
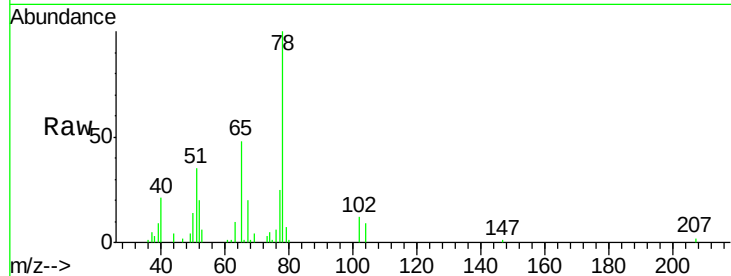




#33
 1,2-Dichloroethane-d4
 Concen: 5.07 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

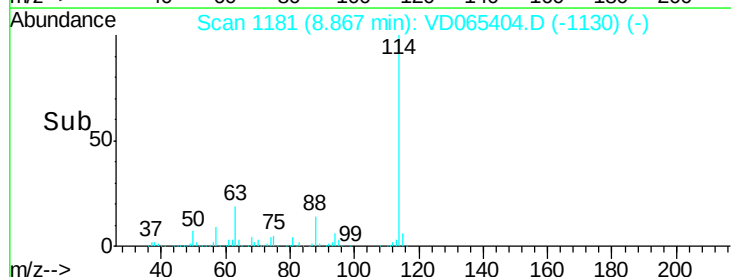
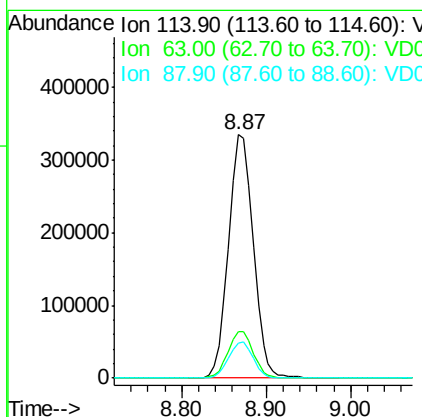
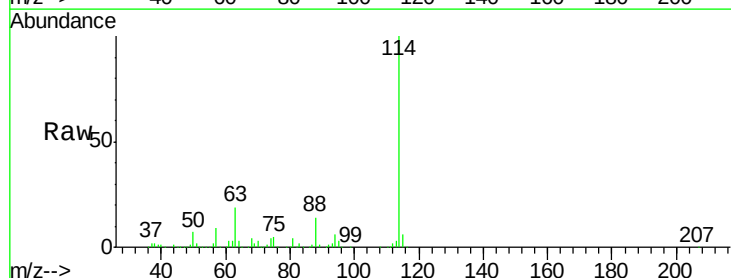
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

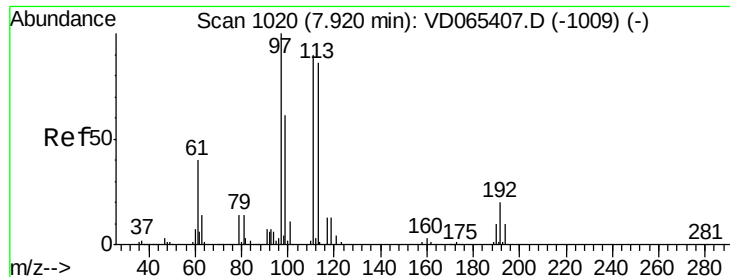
Tgt Ion: 65 Resp: 19382
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

Tgt Ion: 114 Resp: 676598
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 14.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 4.90 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

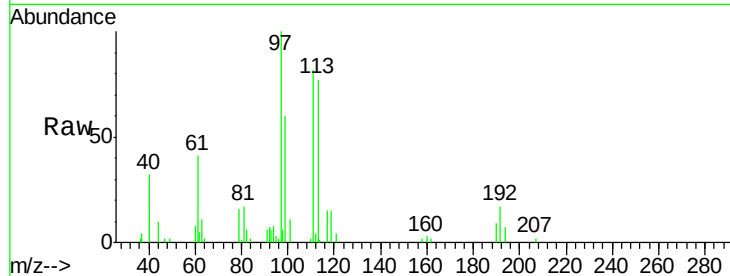
Tgt Ion: 113 Resp: 20561

Ion Ratio Lower Upper

113 100

111 109.8 82.1 123.1

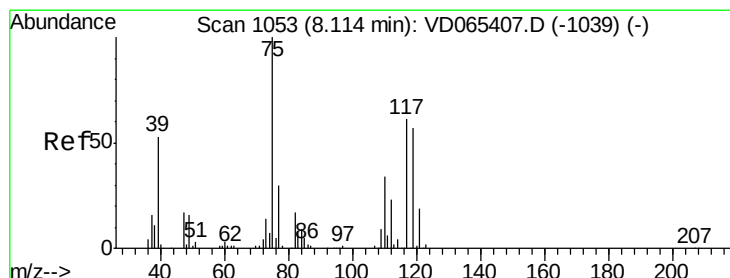
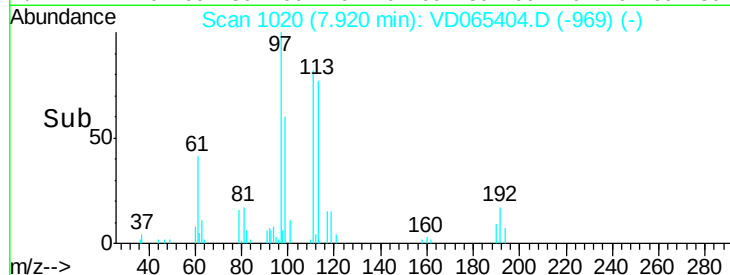
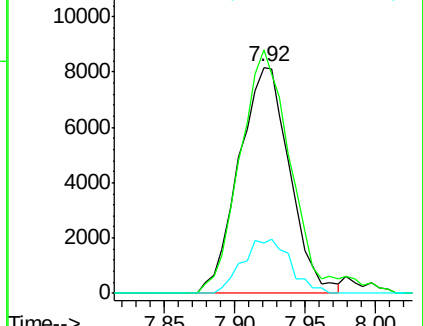
192 22.7 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.77 ug/l

RT: 8.12 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

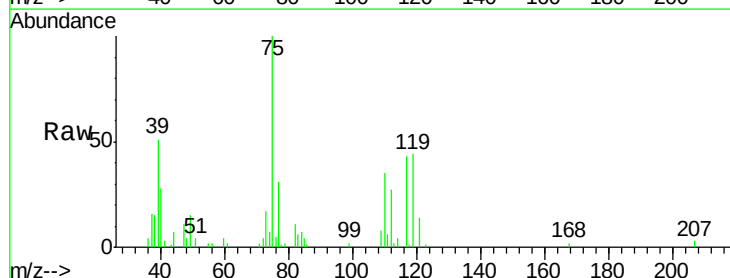
Tgt Ion: 75 Resp: 31009

Ion Ratio Lower Upper

75 100

110 35.3 18.1 54.1

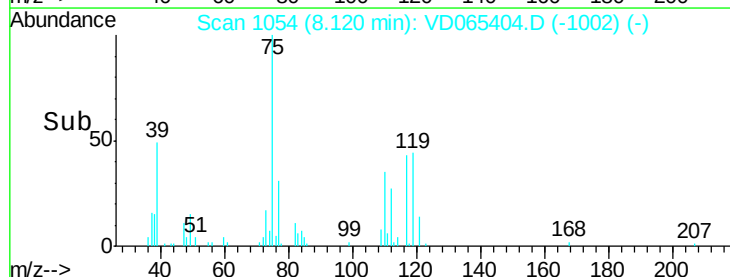
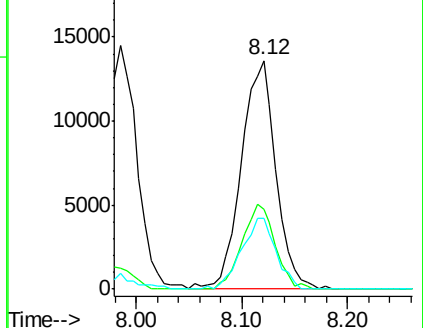
77 30.8 25.2 37.8

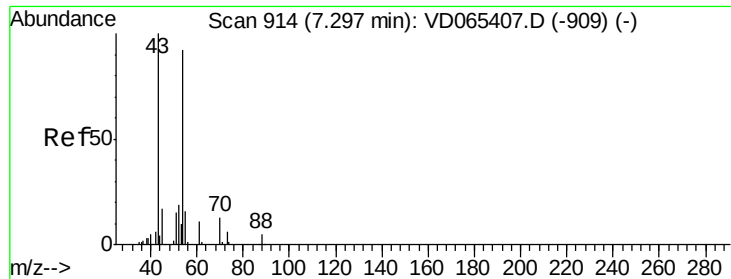


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

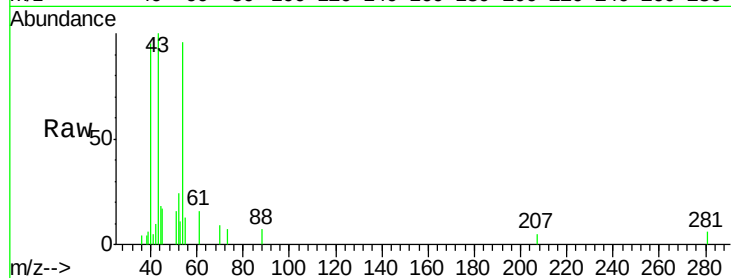




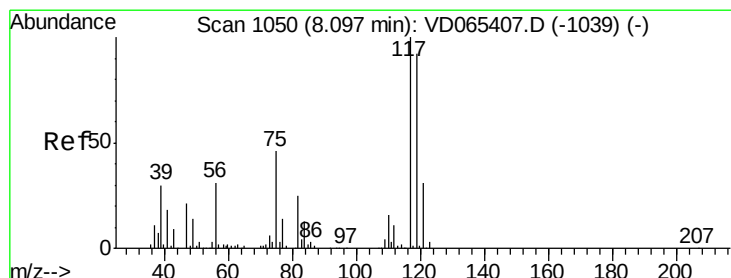
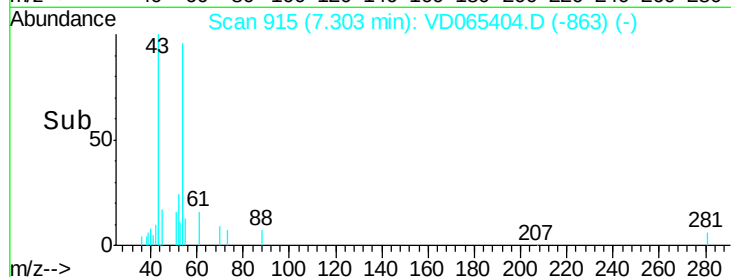
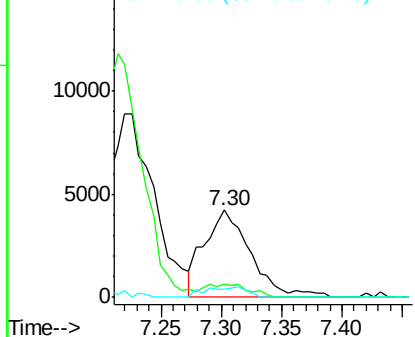
#37
 Ethyl Acetate
 Concen: 4.41 ug/l
 RT: 7.30 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 11240
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.0#
 70 10.2 9.0 13.4

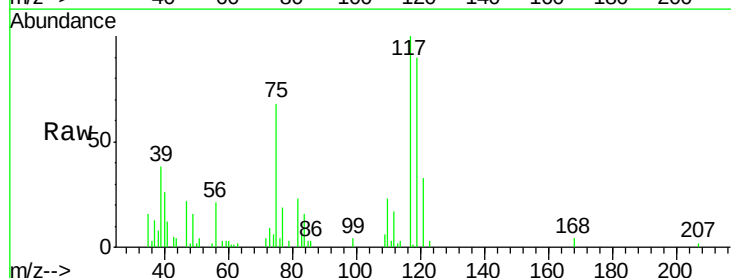


Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 70.00 (69.70 to 70.70): VDC

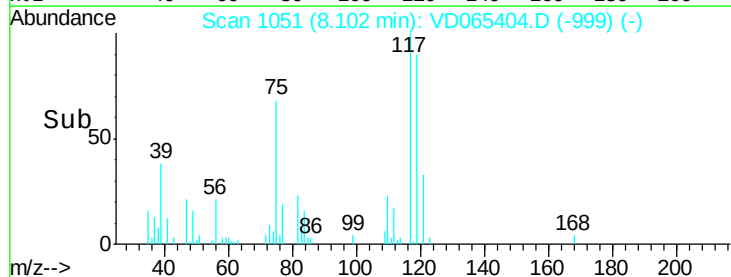
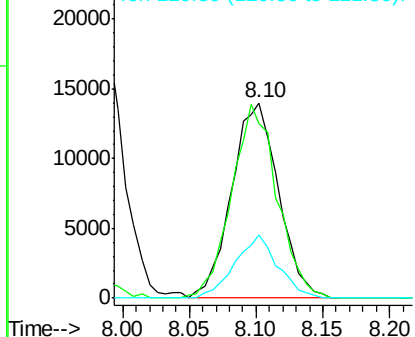


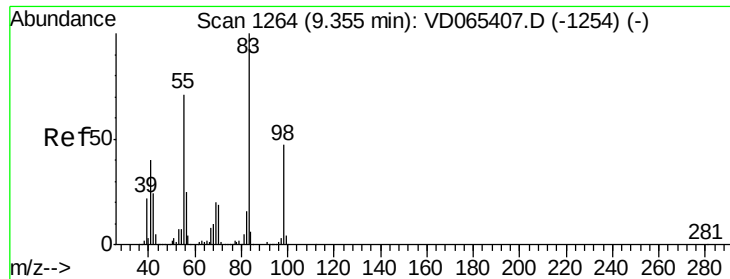
#38
 Carbon Tetrachloride
 Concen: 5.08 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

Tgt Ion: 117 Resp: 34141
 Ion Ratio Lower Upper
 117 100
 119 89.6 73.3 109.9
 121 32.7 25.0 37.4



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

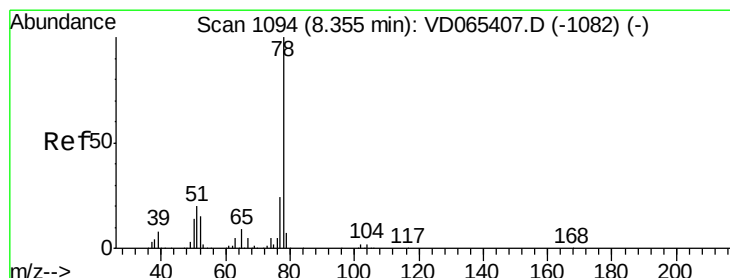
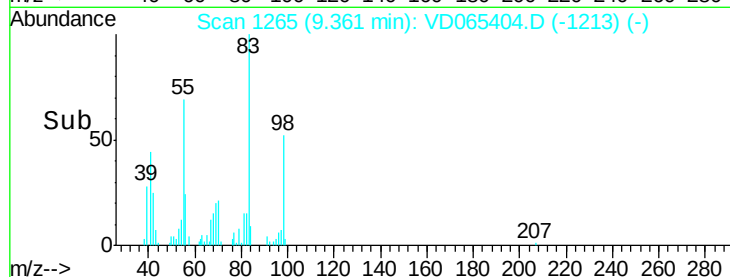
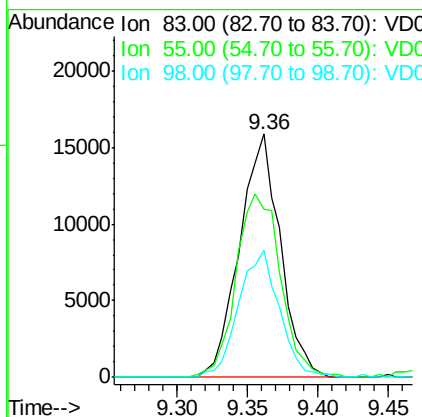
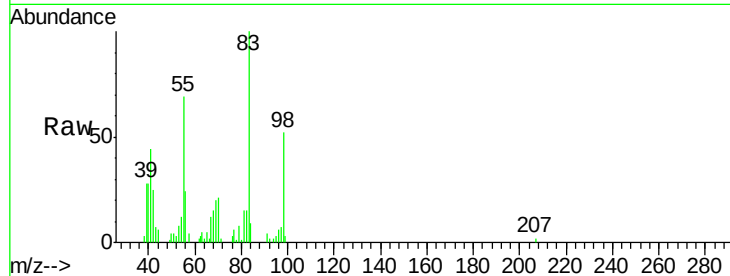




#39
Methylcyclohexane
Concen: 4.13 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

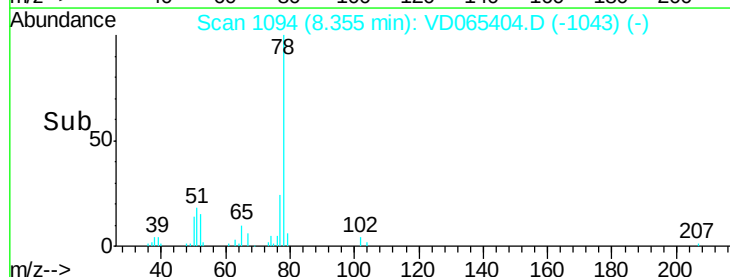
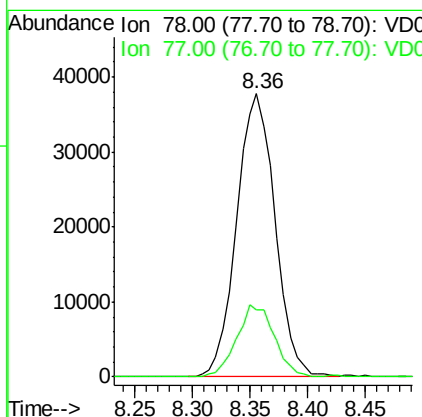
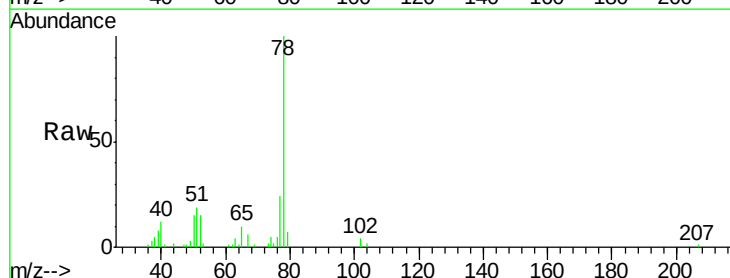
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

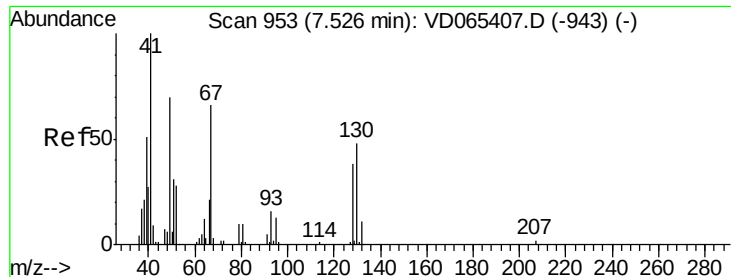
Tgt Ion: 83 Resp: 32082
Ion Ratio Lower Upper
83 100
55 69.3 57.1 85.7
98 52.4 37.8 56.8



#40
Benzene
Concen: 4.77 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion: 78 Resp: 87086
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

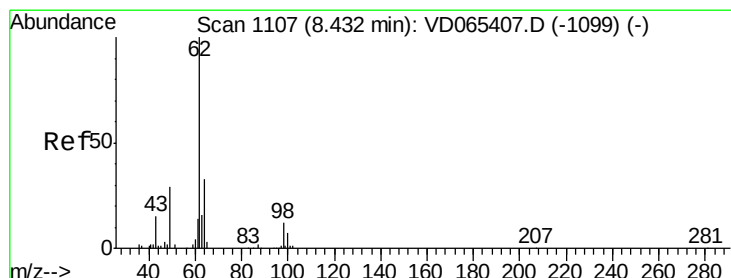
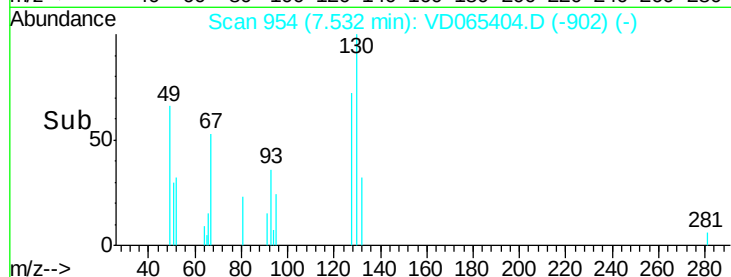
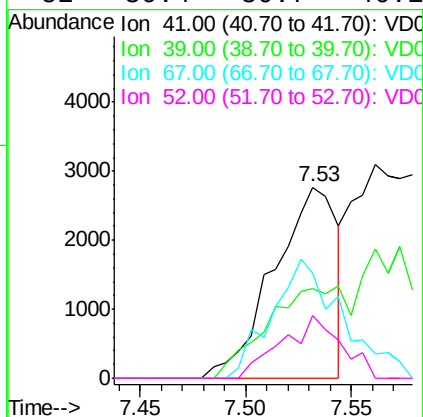
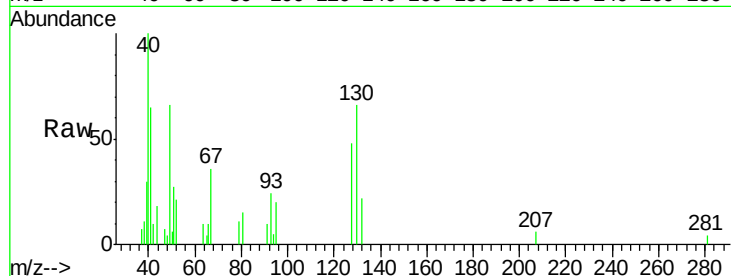




#41
Methacrylonitrile
Concen: 4.47 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

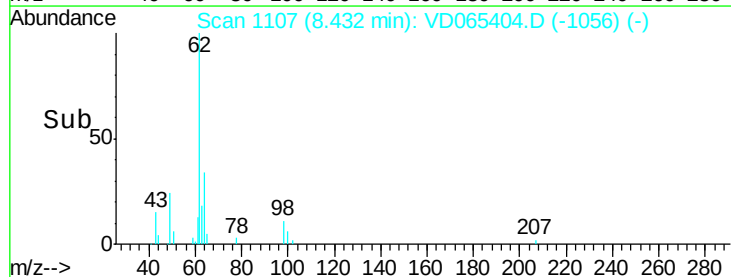
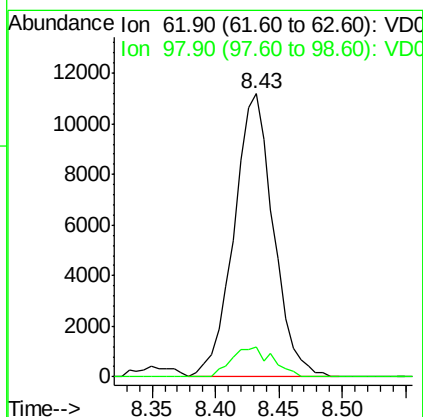
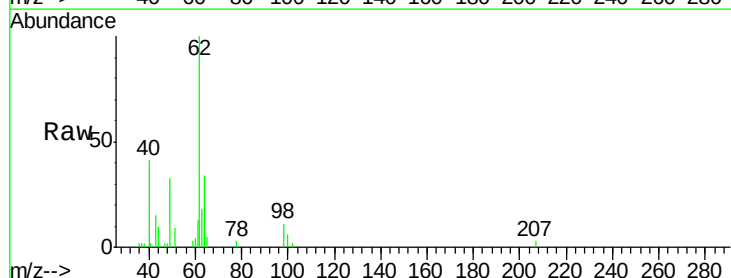
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

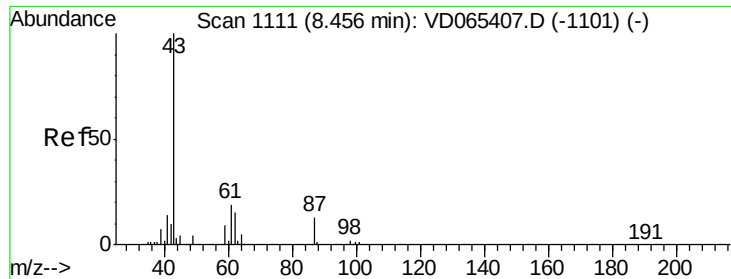
Tgt Ion:	41	Resp:	5787
Ion	Ratio	Lower	Upper
41	100		
39	60.2	55.0	82.6
67	68.9	70.3	105.5#
52	30.4	30.7	46.1#



#42
1,2-Dichloroethane
Concen: 5.03 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion:	62	Resp:	24143
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.4





#43

Isopropyl Acetate

Concen: 4.27 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

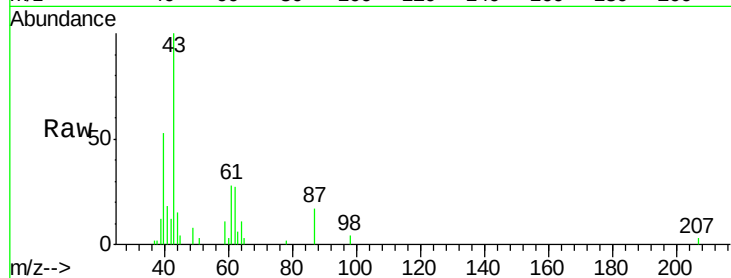
Tgt Ion: 43 Resp: 19925

Ion Ratio Lower Upper

43 100

61 36.7 25.0 37.6

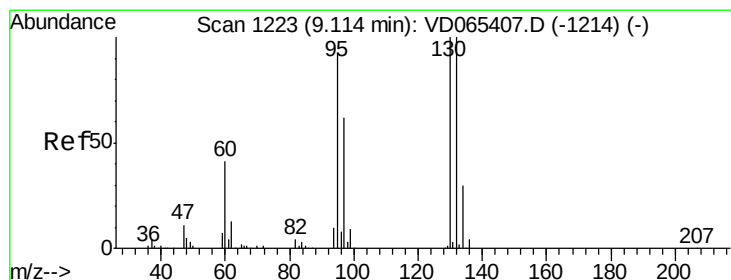
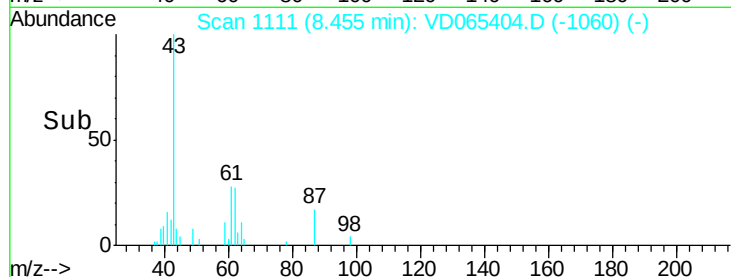
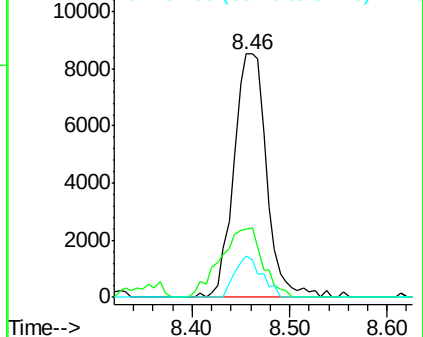
87 13.9 11.0 16.4



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: 4.91 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065404.D

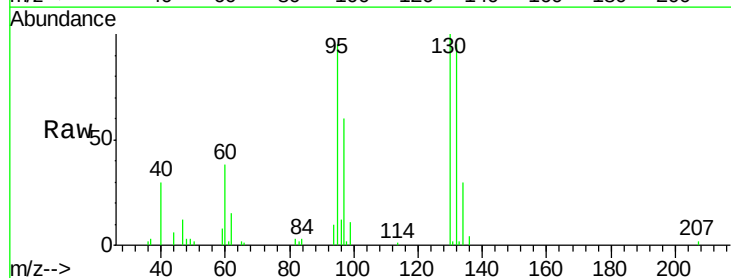
Acq: 04 Mar 2020 10:37

Tgt Ion: 130 Resp: 25161

Ion Ratio Lower Upper

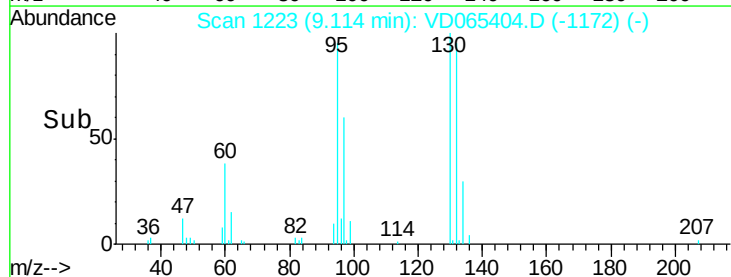
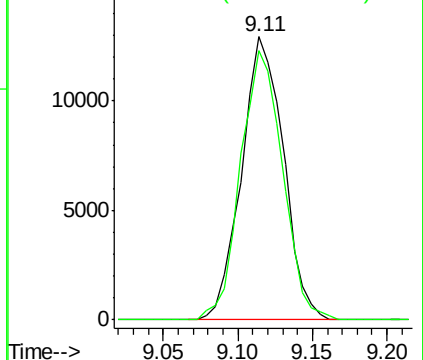
130 100

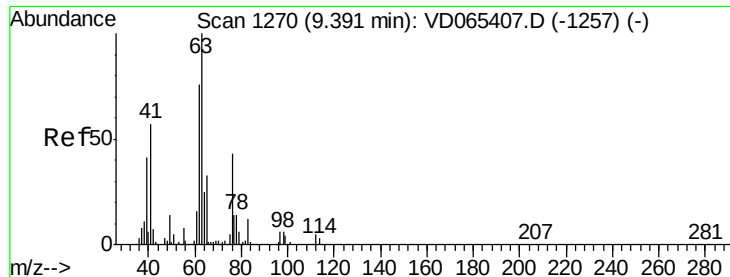
95 95.0 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 4.75 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

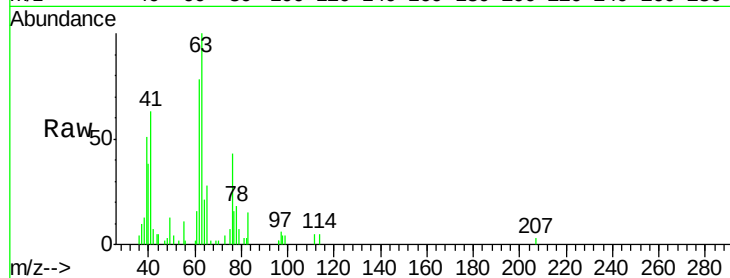
VSTDIC005

Tgt Ion: 63 Resp: 21036

Ion Ratio Lower Upper

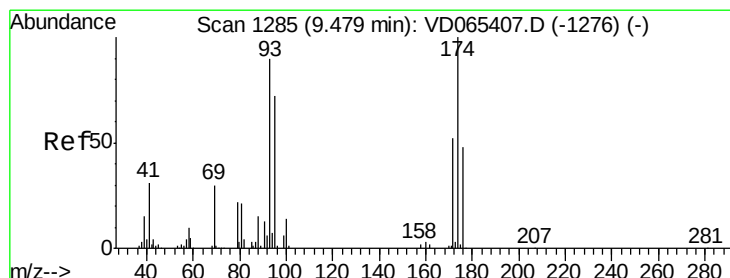
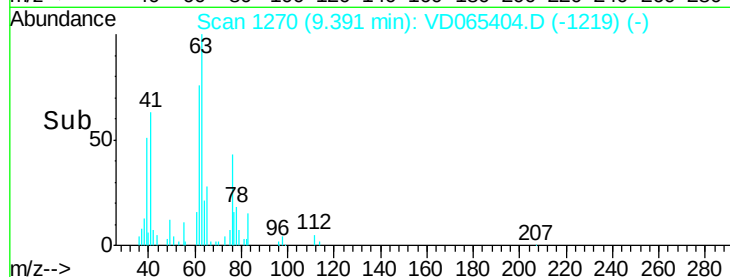
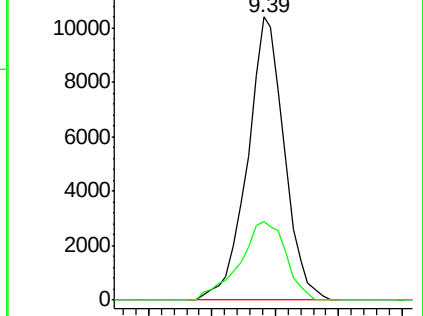
63 100

65 27.8 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 5.00 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

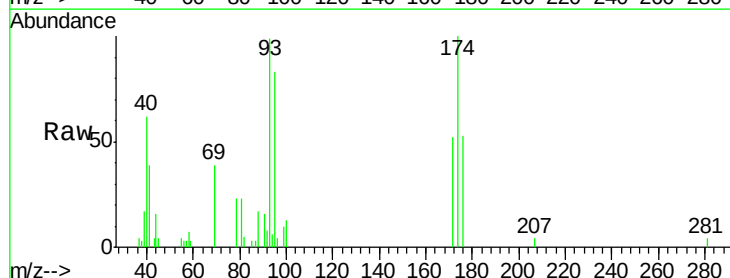
Tgt Ion: 93 Resp: 11512

Ion Ratio Lower Upper

93 100

95 81.5 65.0 97.6

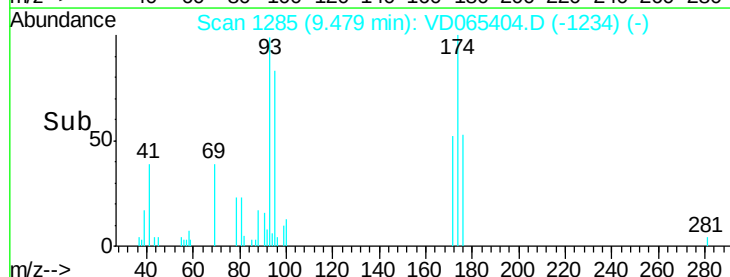
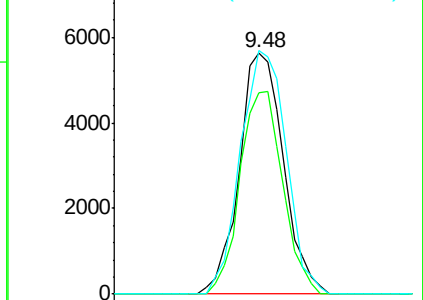
174 104.7 88.3 132.5

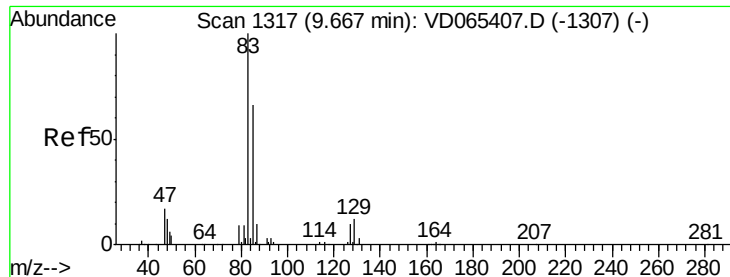


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 4.88 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

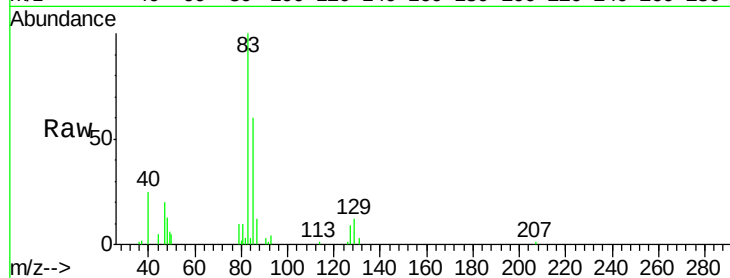
Tgt Ion: 83 Resp: 29192

Ion Ratio Lower Upper

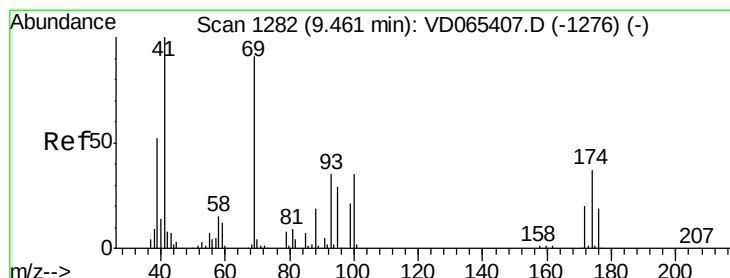
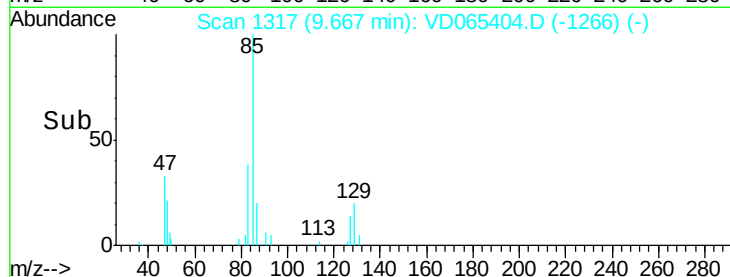
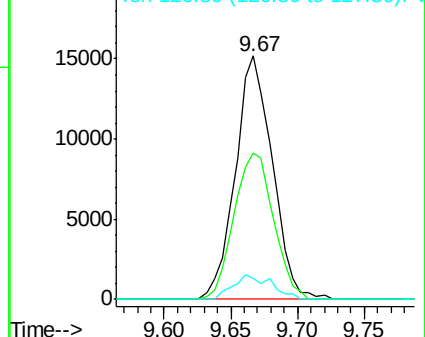
83 100

85 59.9 52.8 79.2

127 8.6 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: 3.92 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

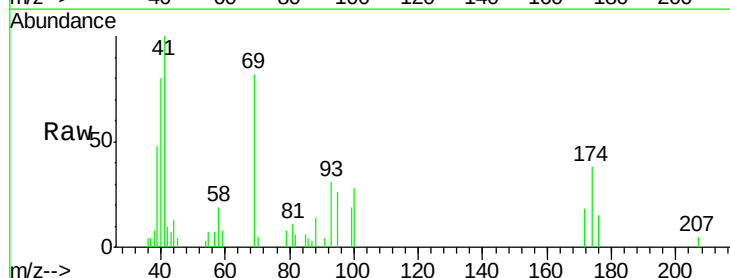
Tgt Ion: 41 Resp: 8634

Ion Ratio Lower Upper

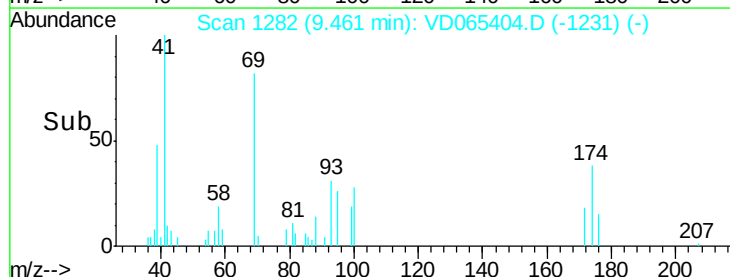
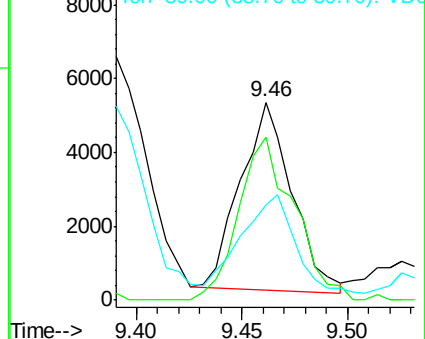
41 100

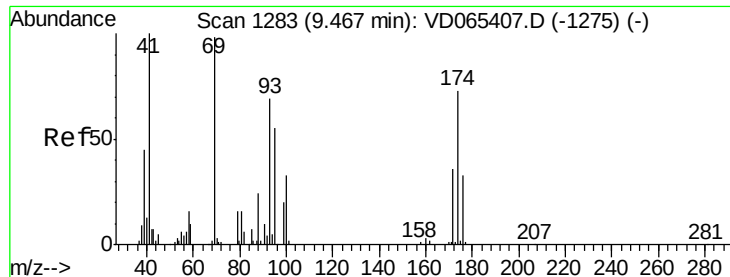
69 92.7 72.5 108.7

39 64.2 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: 82.86 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

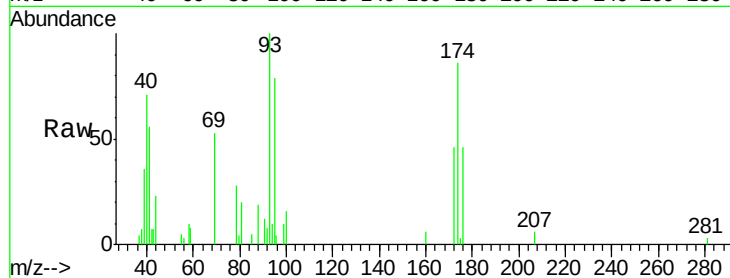
Tgt Ion: 88 Resp: 2197

Ion Ratio Lower Upper

88 100

43 38.8 24.5 36.7#

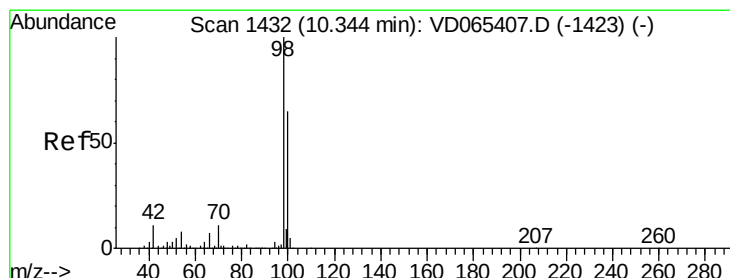
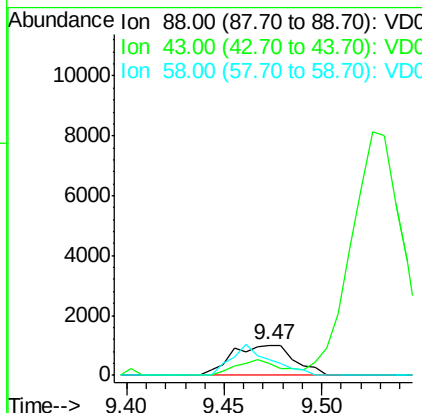
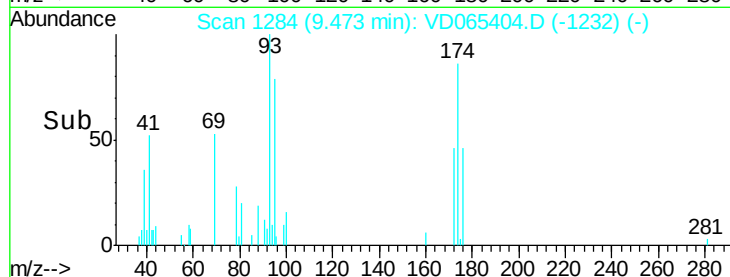
58 64.8 54.5 81.7



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: 4.53 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065404.D

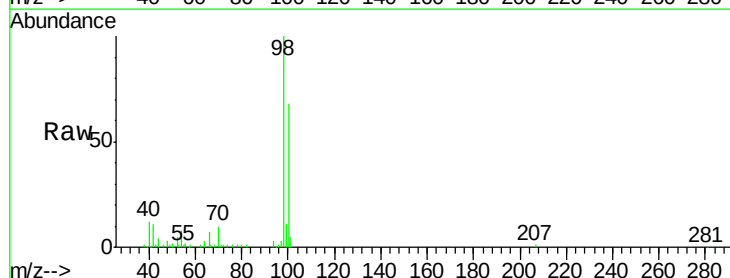
Acq: 04 Mar 2020 10:37

Tgt Ion: 98 Resp: 73015

Ion Ratio Lower Upper

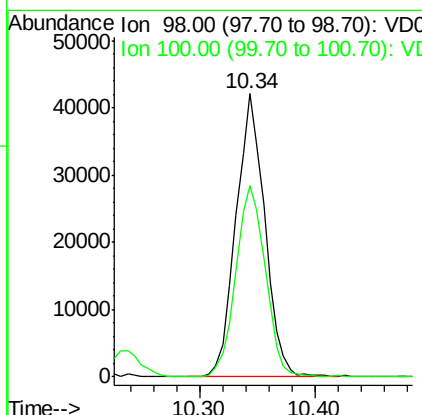
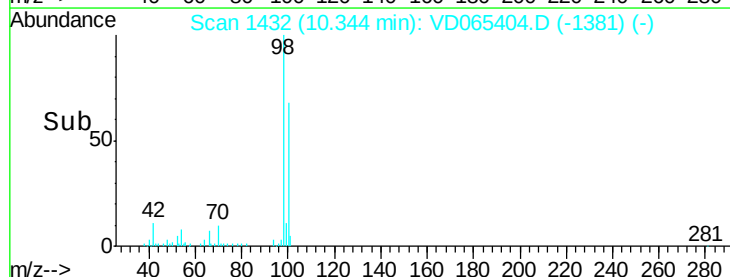
98 100

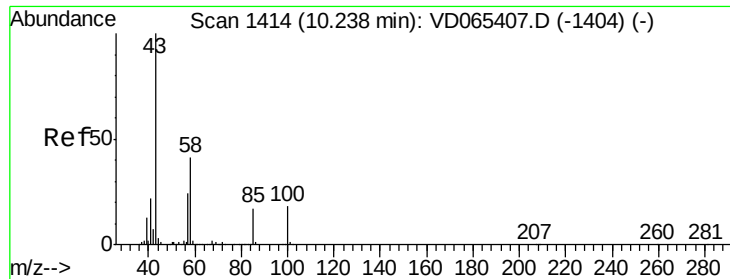
100 69.2 52.8 79.2



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: 19.11 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

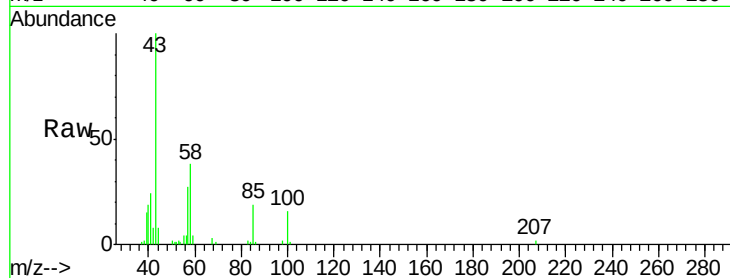
VSTDIC005

Tgt Ion: 43 Resp: 45050

Ion Ratio Lower Upper

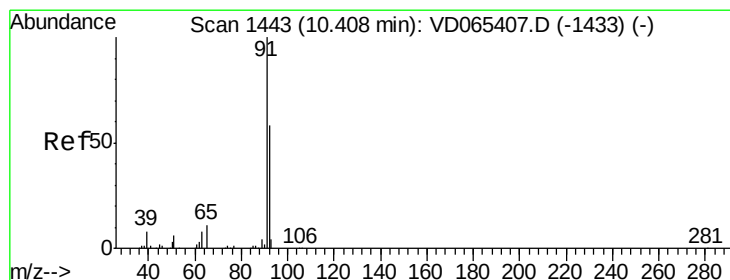
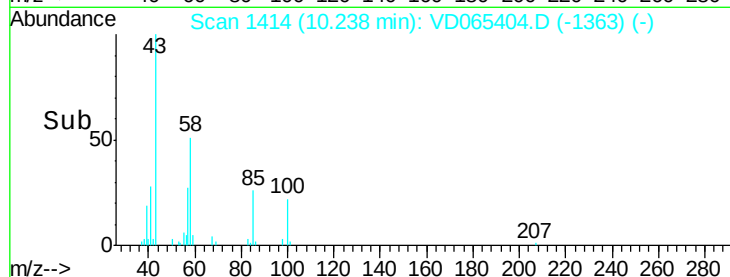
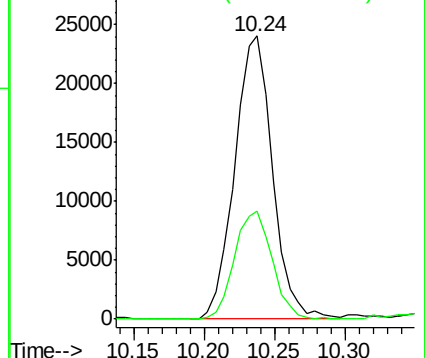
43 100

58 37.9 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: 4.29 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065404.D

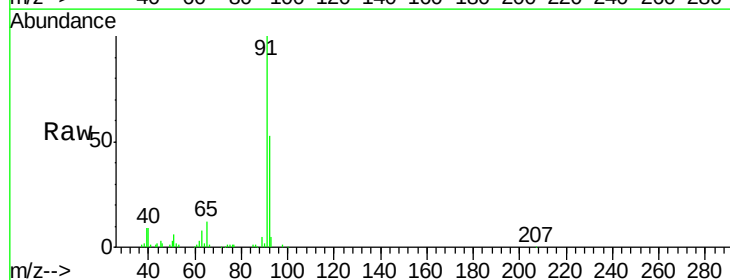
Acq: 04 Mar 2020 10:37

Tgt Ion: 92 Resp: 49325

Ion Ratio Lower Upper

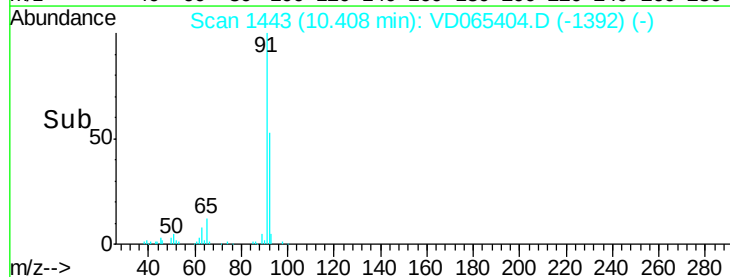
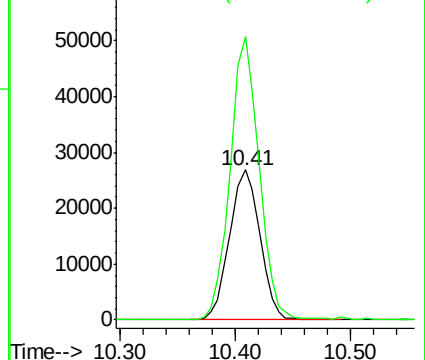
92 100

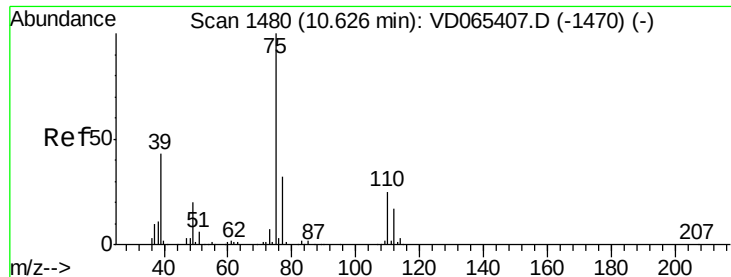
91 179.1 137.8 206.8



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: 4.31 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

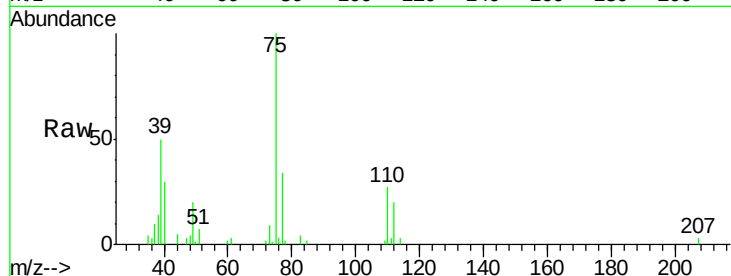
VSTDIC005

Tgt Ion: 75 Resp: 24276

Ion Ratio Lower Upper

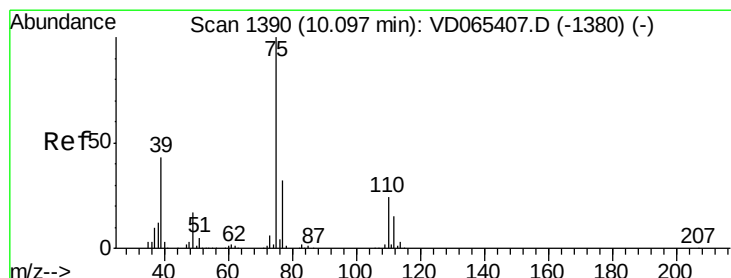
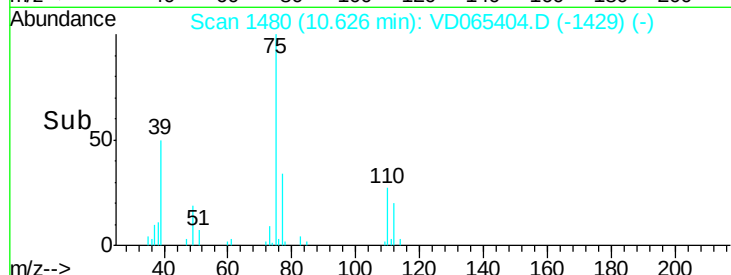
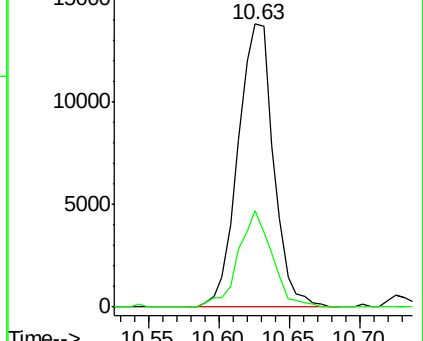
75 100

77 34.3 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: 4.25 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

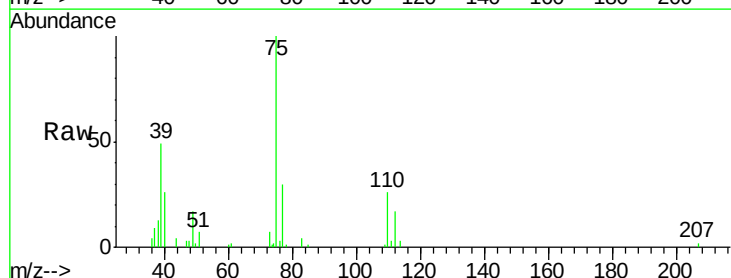
Tgt Ion: 75 Resp: 28912

Ion Ratio Lower Upper

75 100

77 29.7 25.3 37.9

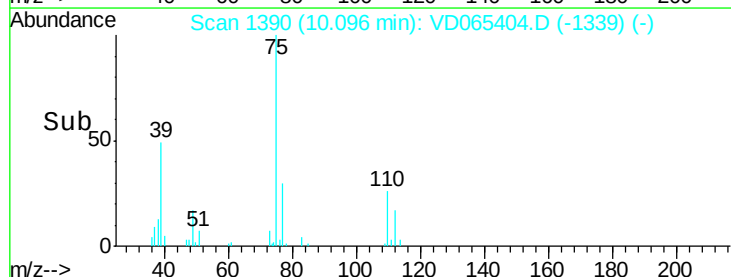
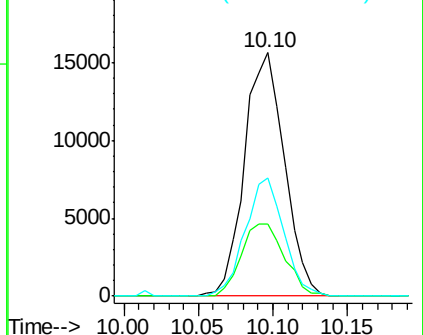
39 48.6 34.6 52.0

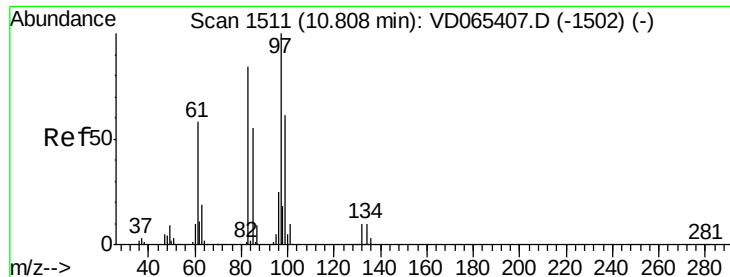


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

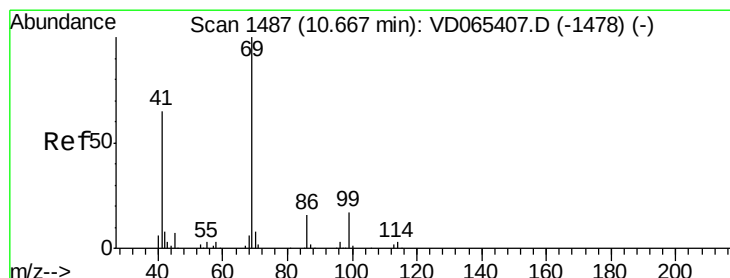
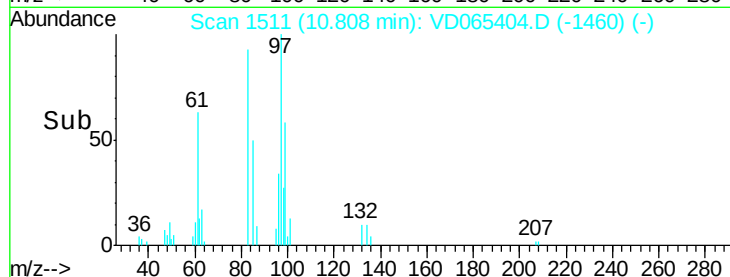
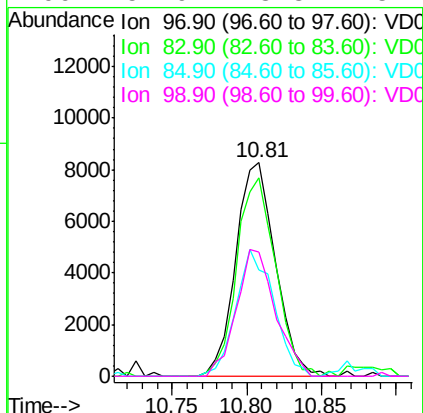
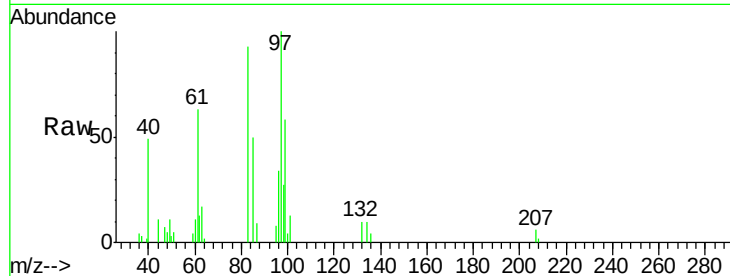




#55
 1,1,2-Trichloroethane
 Concen: 4.68 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

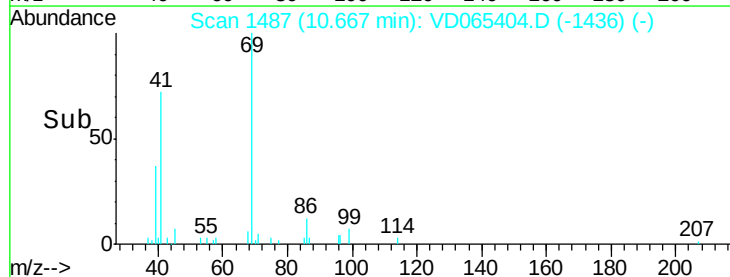
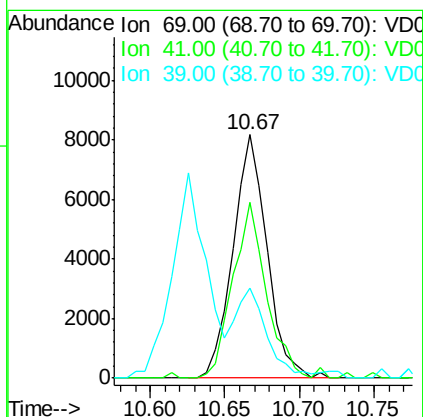
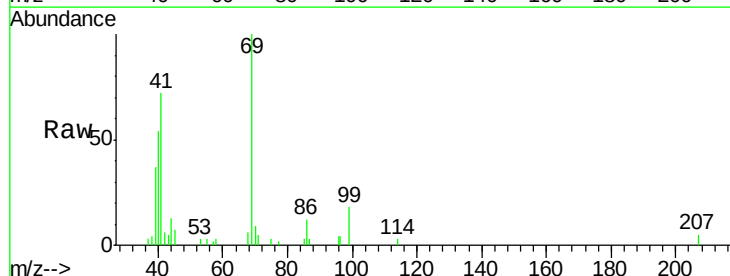
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

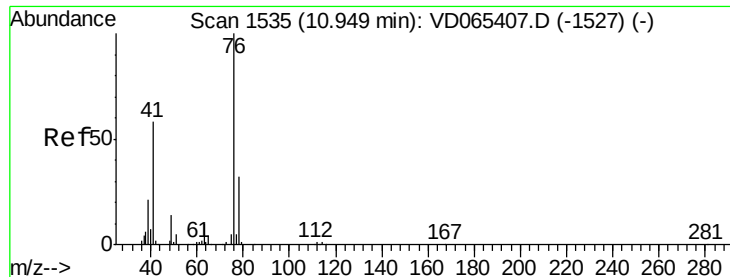
Tgt Ion: 97 Resp: 15231
 Ion Ratio Lower Upper
 97 100
 83 92.8 67.4 101.0
 85 50.0 43.8 65.8
 99 57.9 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 3.50 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

Tgt Ion: 69 Resp: 12916
 Ion Ratio Lower Upper
 69 100
 41 71.2 53.0 79.6
 39 31.7 26.0 39.0





#57

1,3-Dichloropropane

Concen: 4.54 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

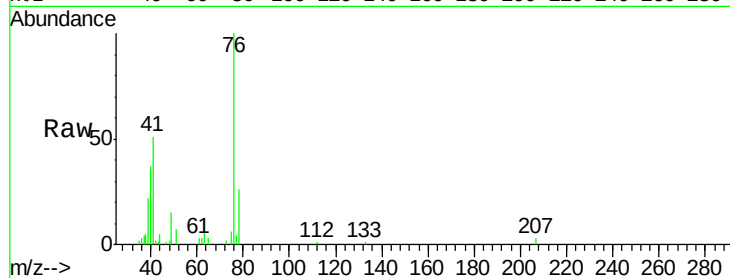
VSTDIC005

Tgt Ion: 76 Resp: 25074

Ion Ratio Lower Upper

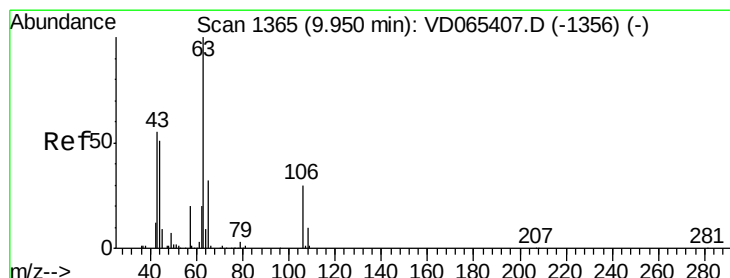
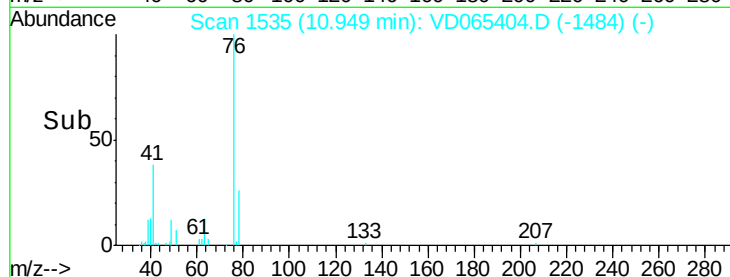
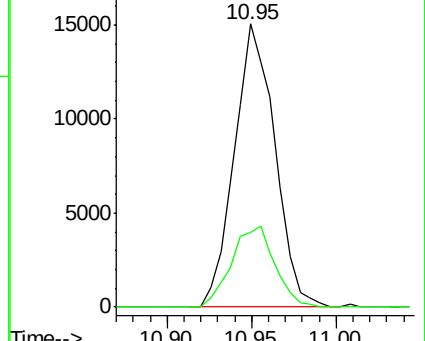
76 100

78 30.6 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 16.96 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD065404.D

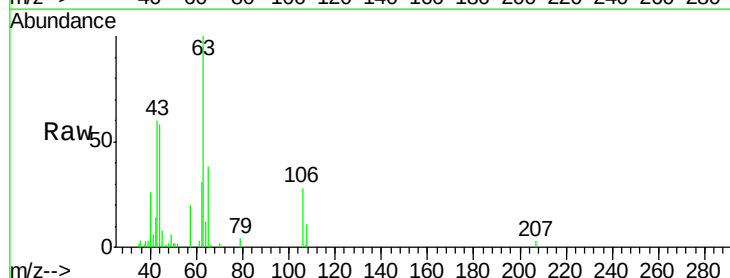
Acq: 04 Mar 2020 10:37

Tgt Ion: 63 Resp: 22268

Ion Ratio Lower Upper

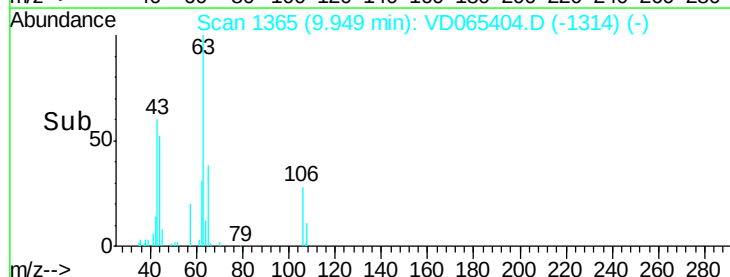
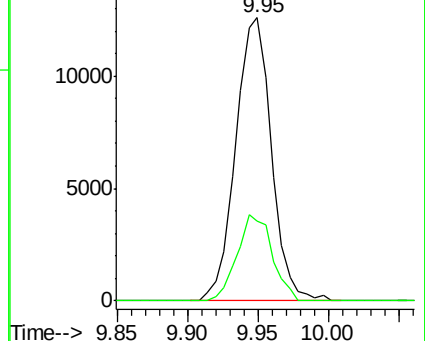
63 100

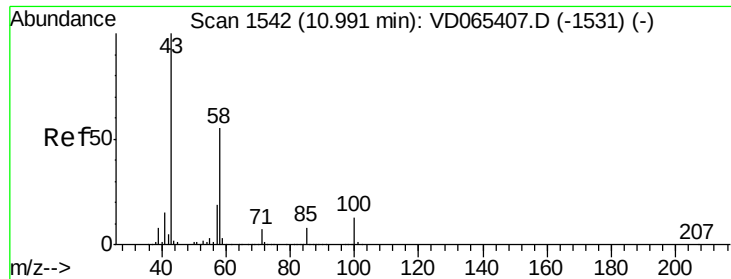
106 29.6 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

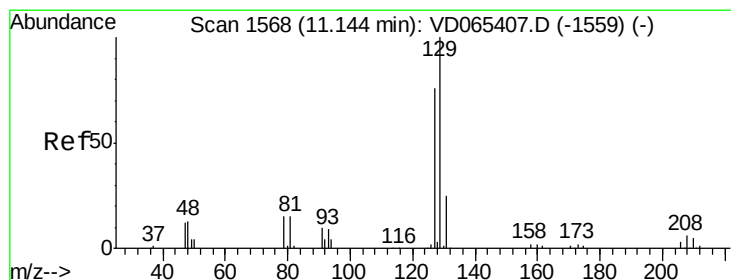
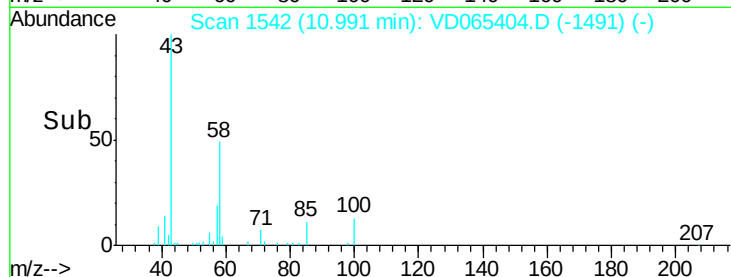
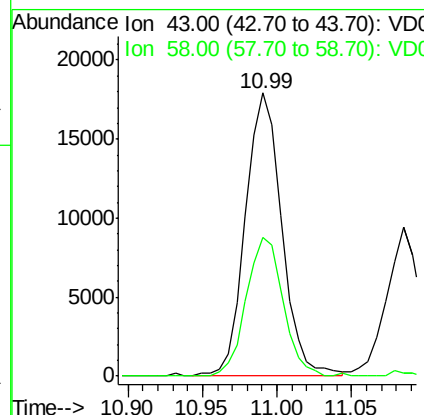
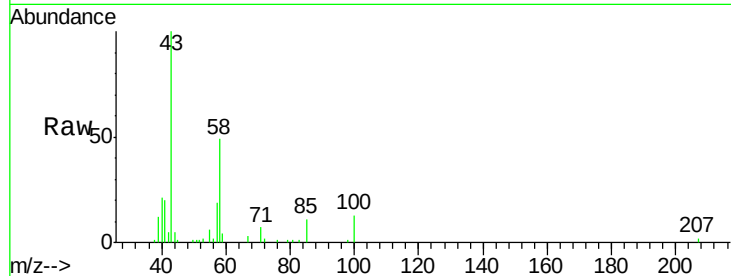




#59
2-Hexanone
Concen: 18.54 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

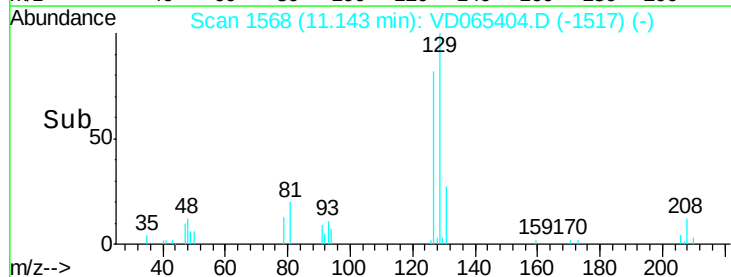
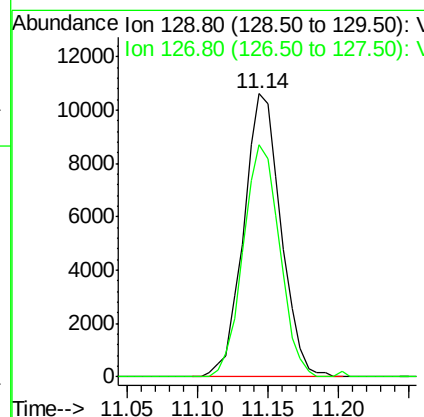
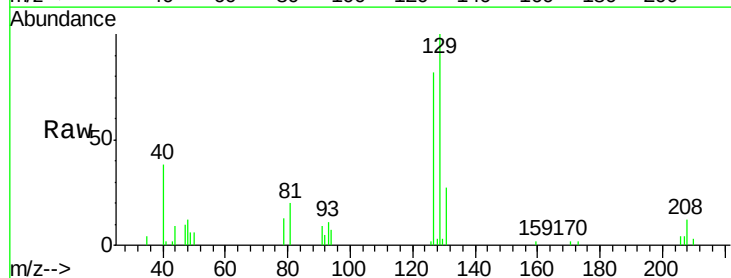
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

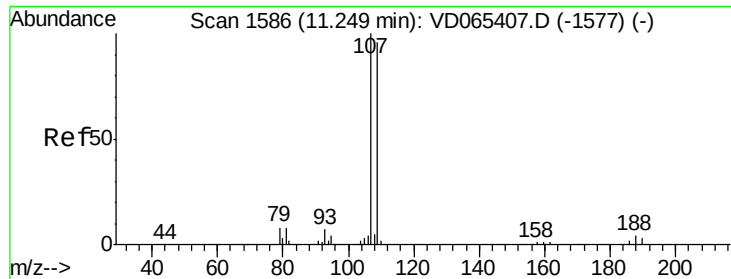
Tgt Ion: 43 Resp: 30287
Ion Ratio Lower Upper
43 100
58 49.3 27.4 82.2



#60
Dibromochloromethane
Concen: 4.68 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion: 129 Resp: 19617
Ion Ratio Lower Upper
129 100
127 79.9 38.5 115.5

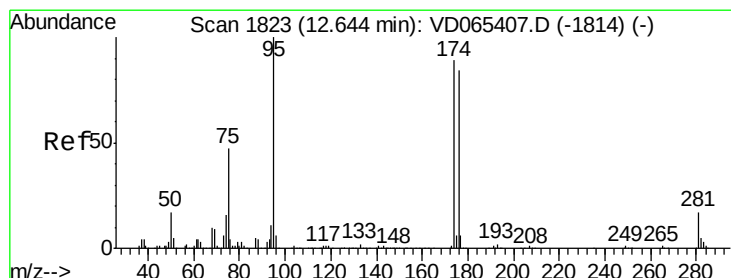
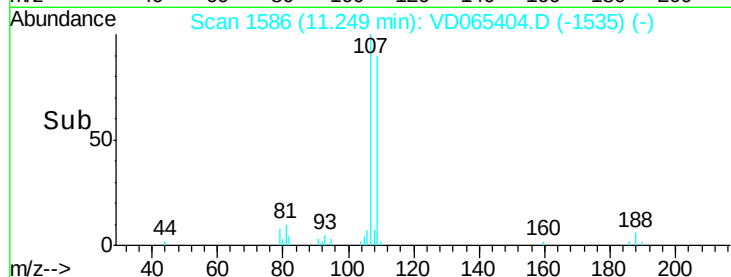
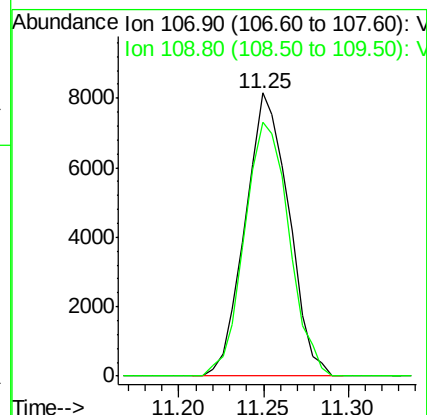
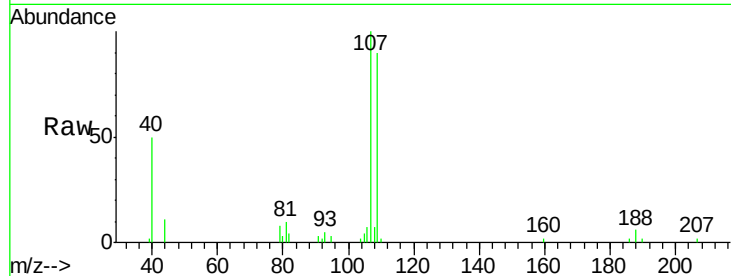




#61
 1,2-Dibromoethane
 Concen: 4.69 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

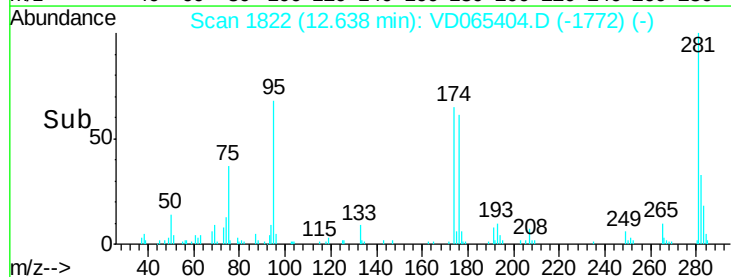
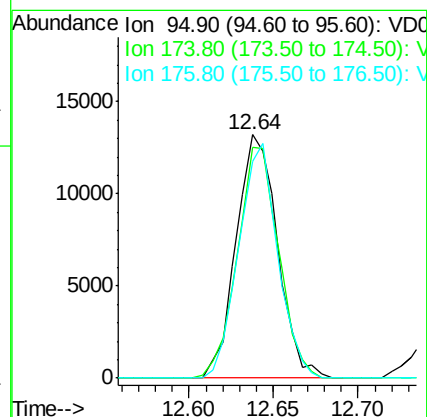
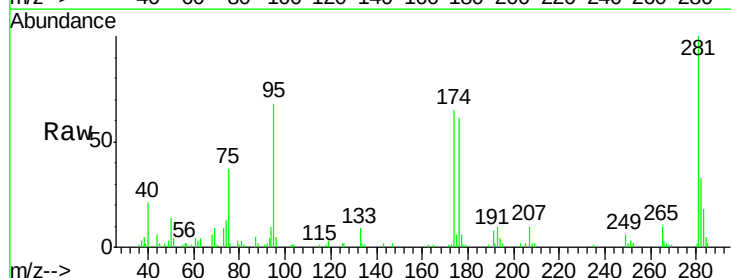
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

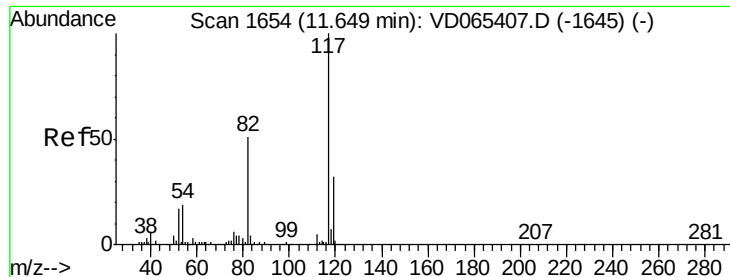
Tgt Ion: 107 Resp: 14592
 Ion Ratio Lower Upper
 107 100
 109 92.1 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 4.47 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

Tgt Ion: 95 Resp: 22488
 Ion Ratio Lower Upper
 95 100
 174 95.0 0.0 176.8
 176 91.0 0.0 171.4

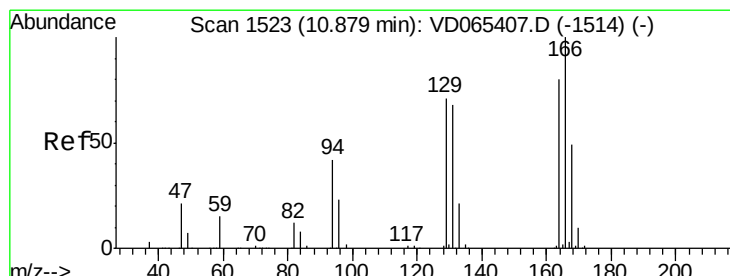
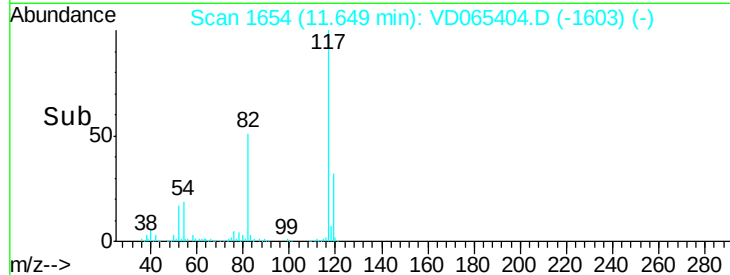
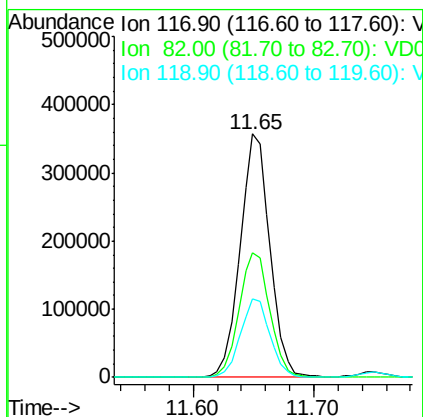
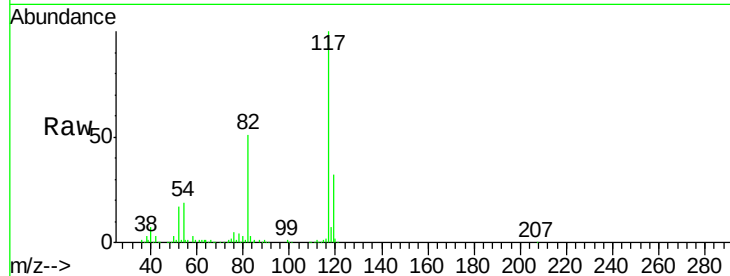




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

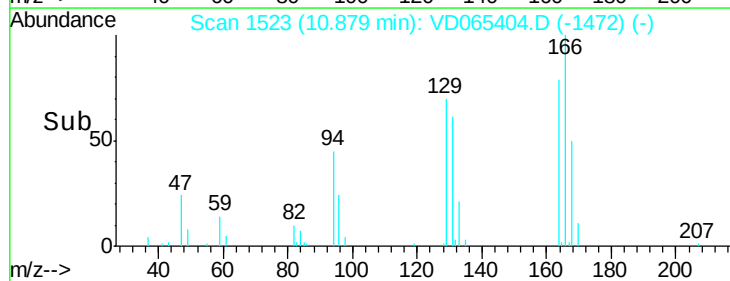
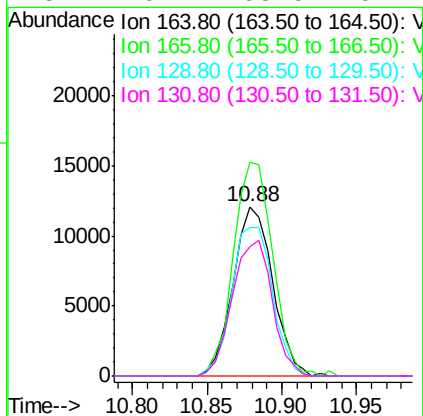
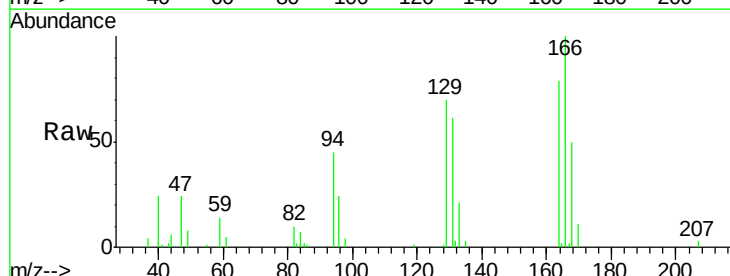
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

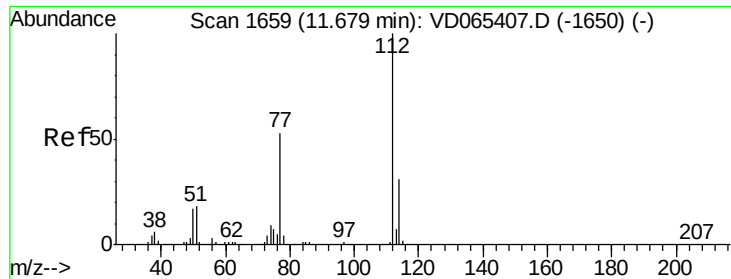
Tgt Ion:117 Resp: 613370
Ion Ratio Lower Upper
117 100
82 51.0 40.6 60.8
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 5.08 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion:164 Resp: 22368
Ion Ratio Lower Upper
164 100
166 125.9 100.5 150.7
129 87.6 71.5 107.3
131 76.4 68.5 102.7

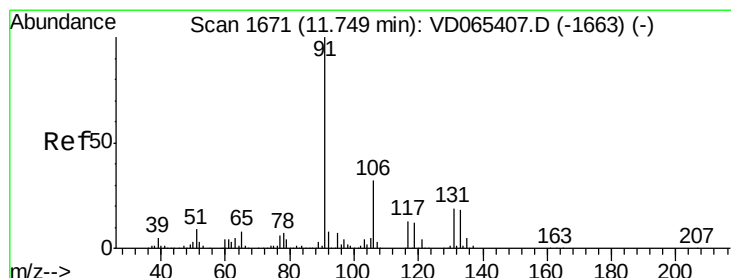
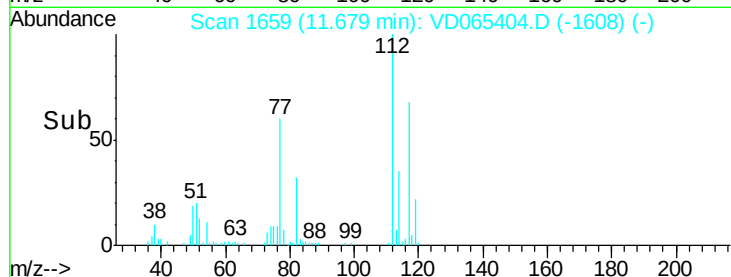
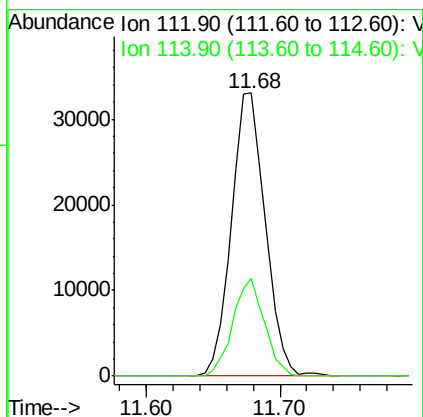
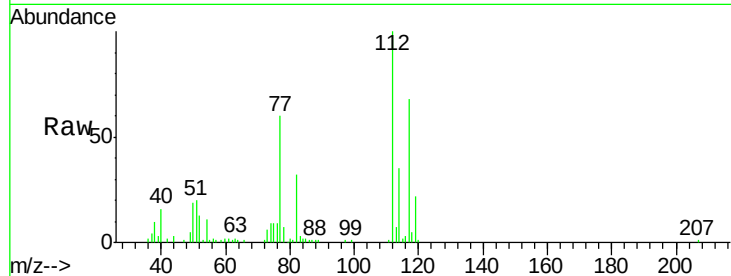




#65
Chlorobenzene
Concen: 4.78 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

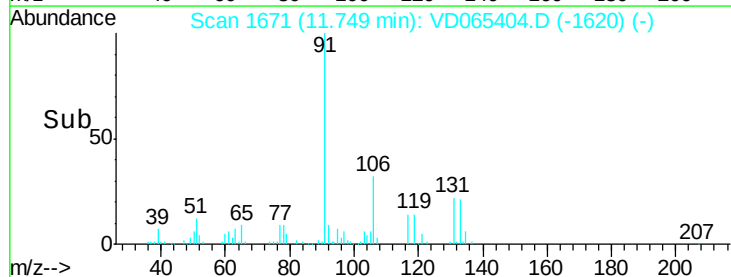
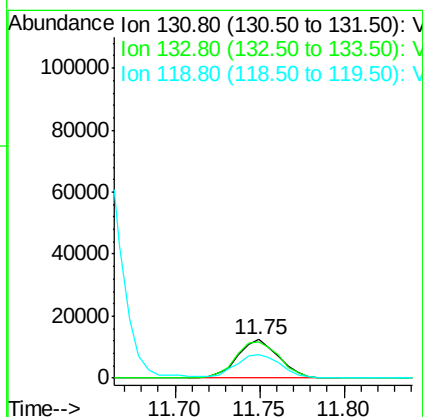
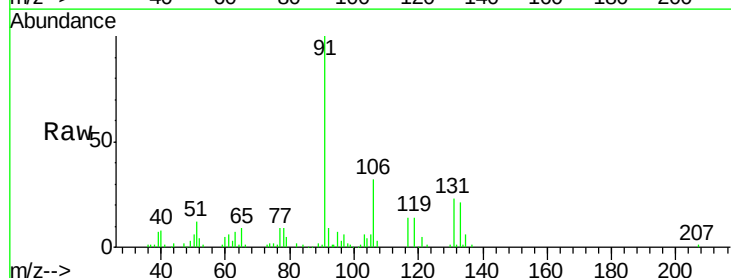
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

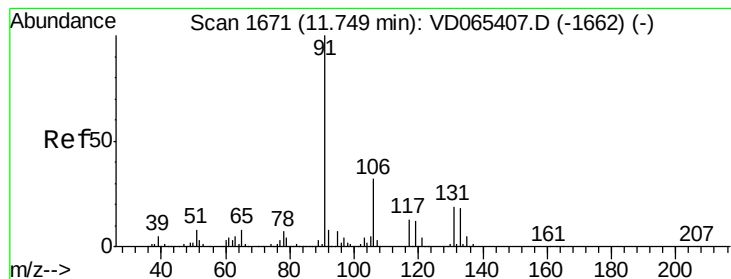
Tgt Ion:112 Resp: 58352
Ion Ratio Lower Upper
112 100
114 34.6 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.78 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion:131 Resp: 21316
Ion Ratio Lower Upper
131 100
133 97.9 49.2 147.6
119 65.1 33.3 99.8





#67

Ethyl Benzene

Concen: 4.39 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

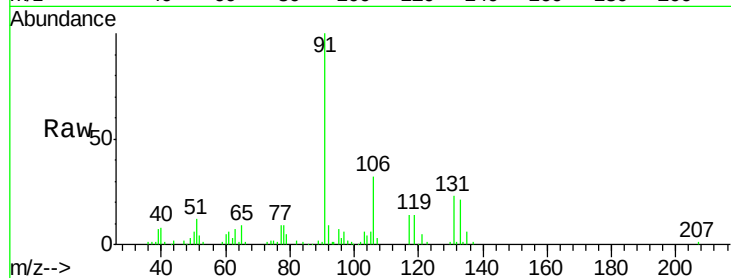
VSTDIC005

Tgt Ion: 91 Resp: 92285

Ion Ratio Lower Upper

91 100

106 31.5 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

80000

60000

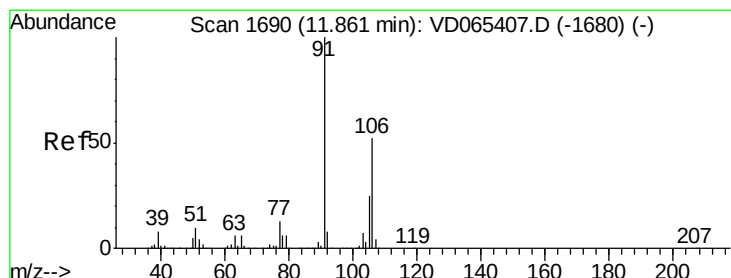
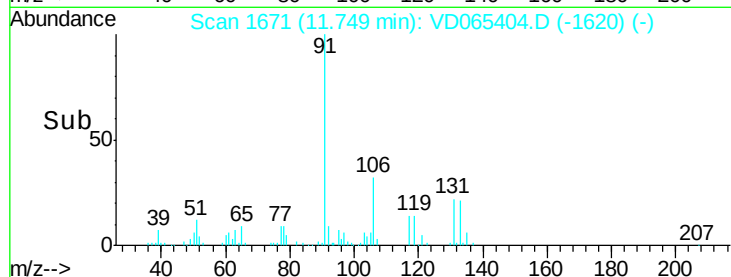
40000

20000

0

11.65 11.70 11.75 11.80

Time-->



#68

m/p-Xylenes

Concen: 8.27 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD065404.D

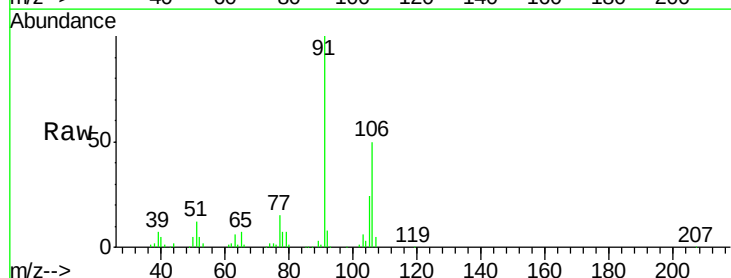
Acq: 04 Mar 2020 10:37

Tgt Ion: 106 Resp: 67067

Ion Ratio Lower Upper

106 100

91 200.2 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

80000

60000

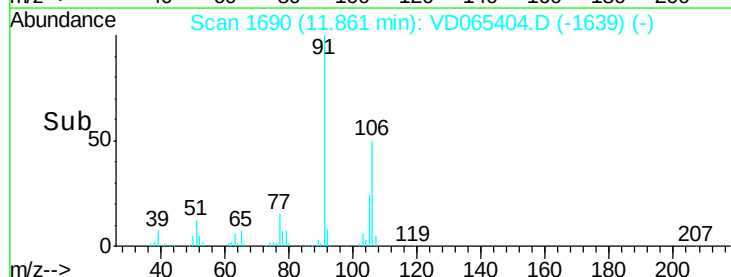
40000

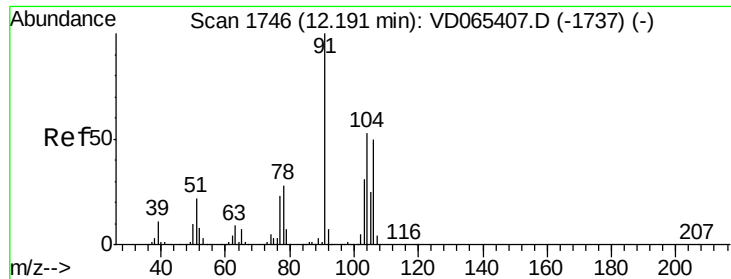
20000

0

11.80 11.86 11.90

Time-->

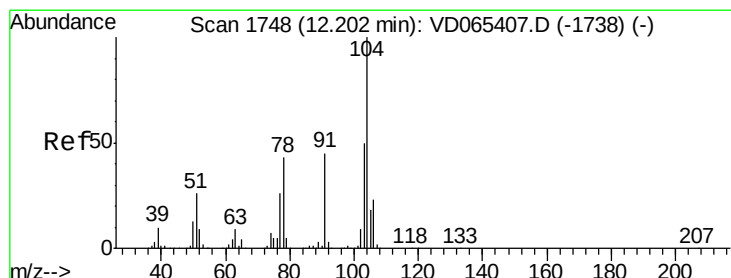
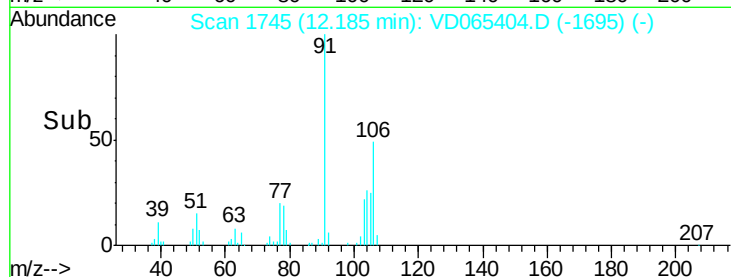
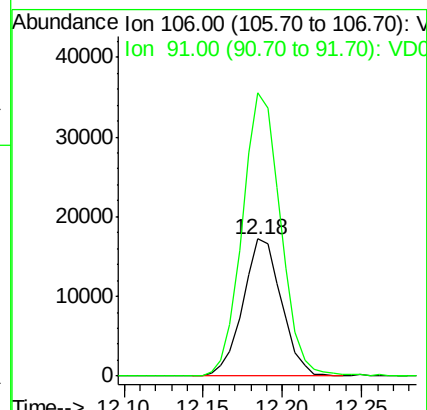
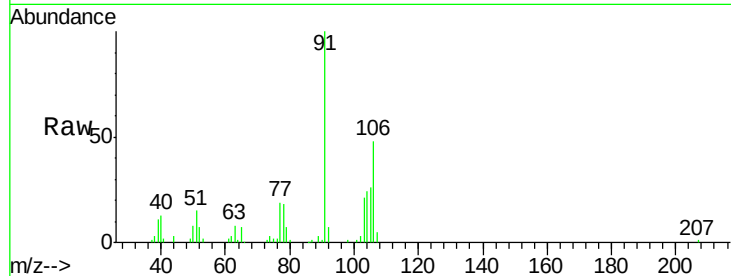




#69
o-Xylene
Concen: 4.08 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

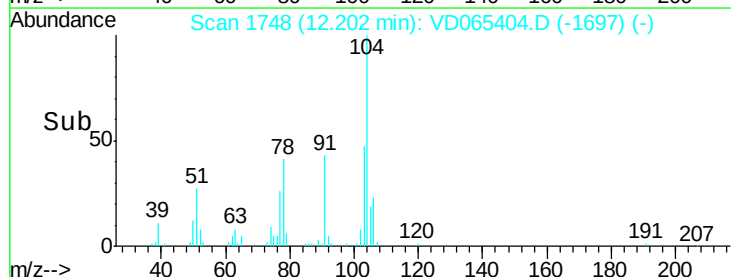
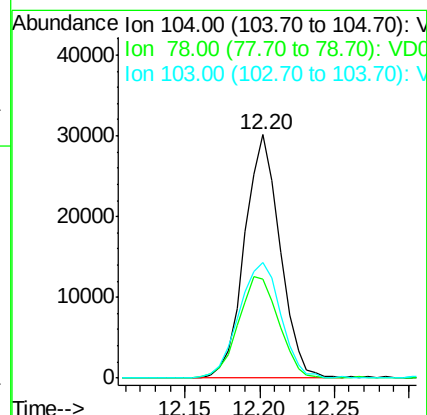
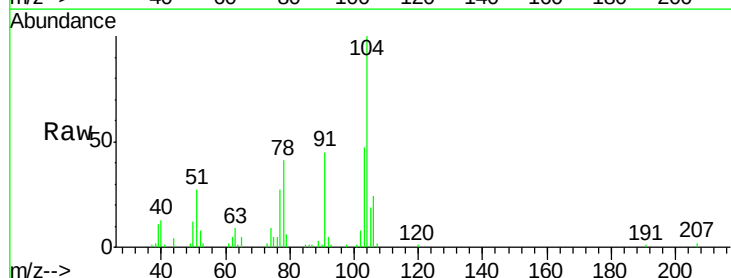
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

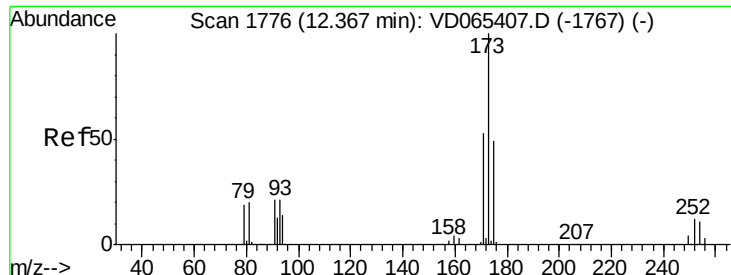
Tgt Ion:106 Resp: 29110
Ion Ratio Lower Upper
106 100
91 205.4 103.5 310.3



#70
Styrene
Concen: 3.94 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion:104 Resp: 49545
Ion Ratio Lower Upper
104 100
78 47.5 37.7 56.5
103 55.8 43.6 65.4

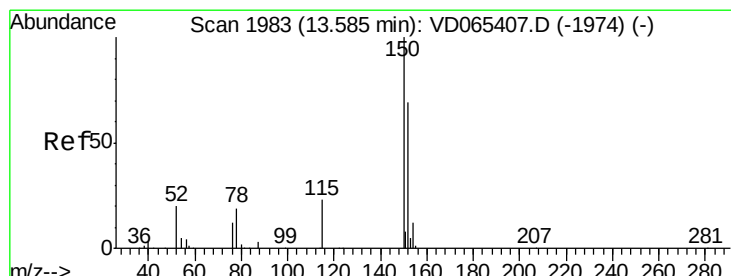
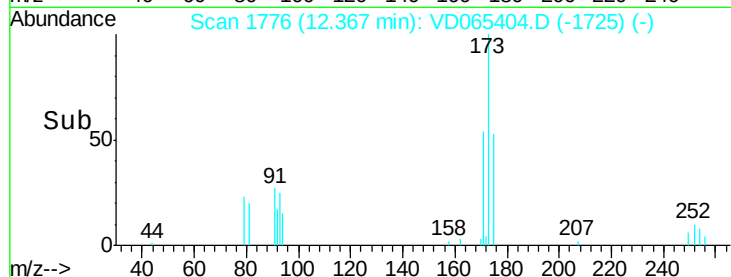
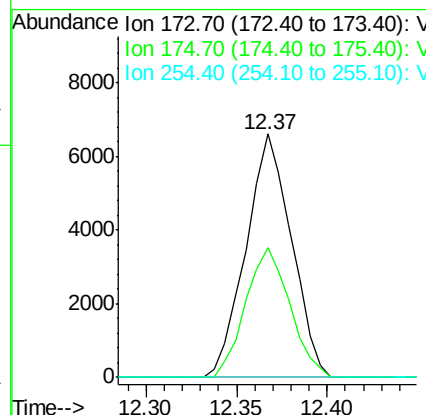
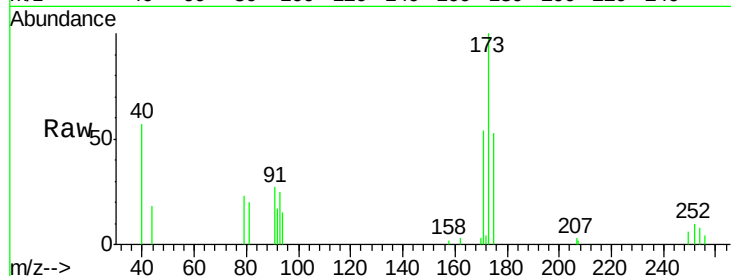




#71
Bromoform
Concen: 4.57 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

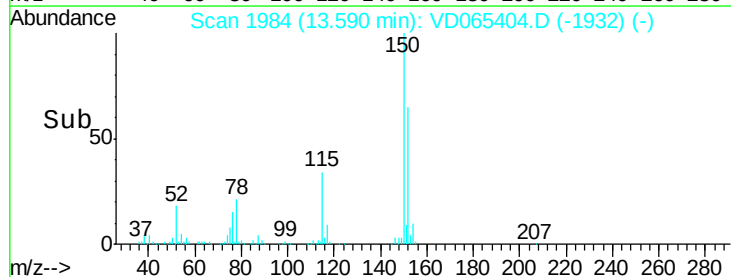
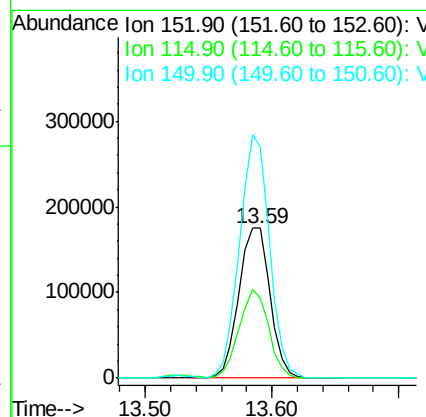
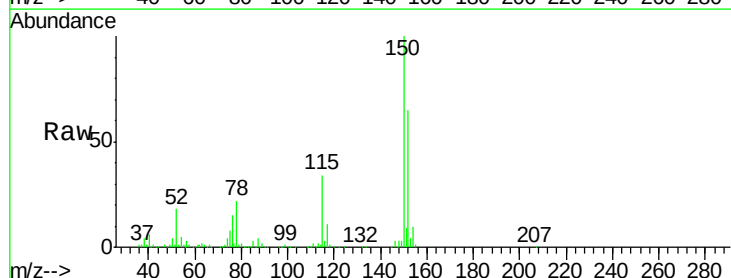
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

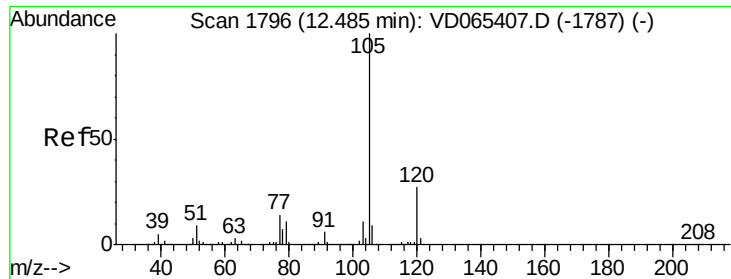
Tgt Ion:173 Resp: 11497
Ion Ratio Lower Upper
173 100
175 52.0 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.59 min Scan# 1984
Delta R.T. 0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion:152 Resp: 297974
Ion Ratio Lower Upper
152 100
115 55.6 27.6 82.8
150 156.0 0.0 345.0





#73

Isopropylbenzene

Concen: 4.02 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

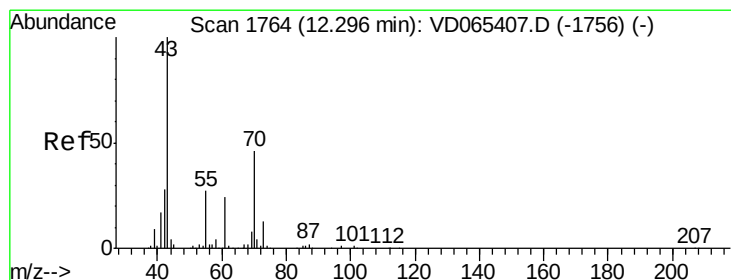
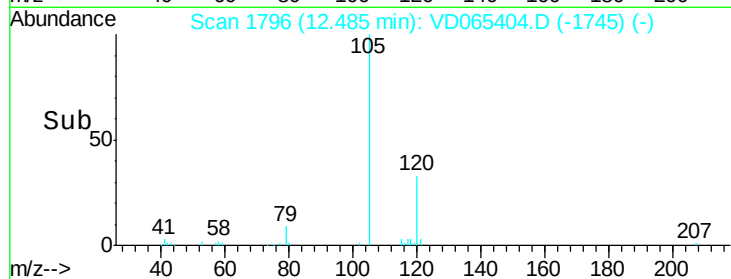
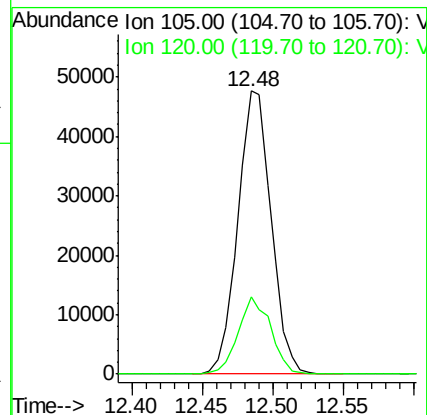
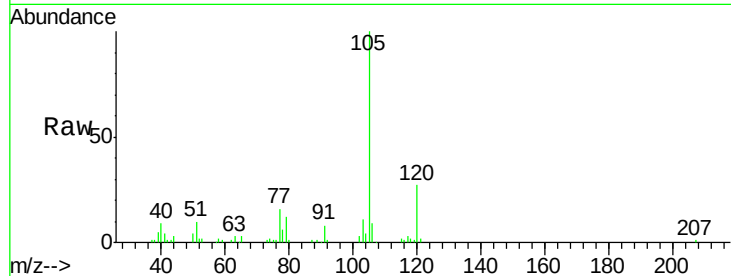
VSTDIC005

Tgt Ion: 105 Resp: 78646

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



#74

N-ethyl acetate

Concen: 4.10 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Tgt Ion: 43 Resp: 16574

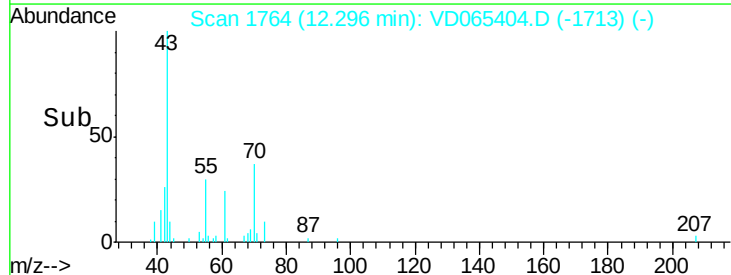
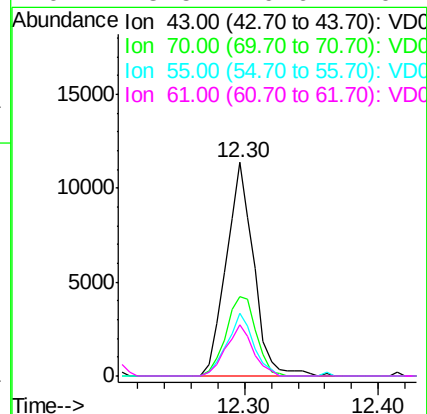
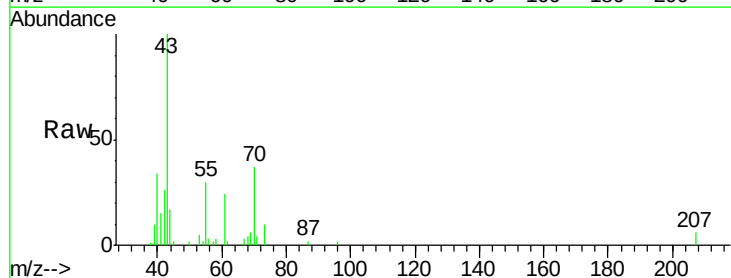
Ion Ratio Lower Upper

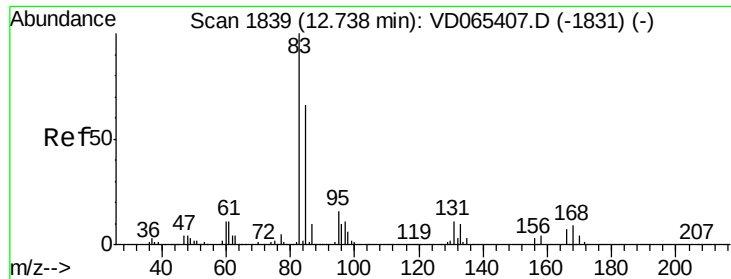
43 100

70 40.4 36.1 54.1

55 28.1 21.6 32.4

61 23.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 4.64 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

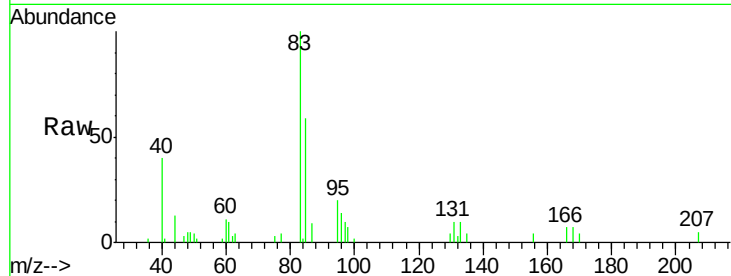
Tgt Ion: 83 Resp: 16121

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

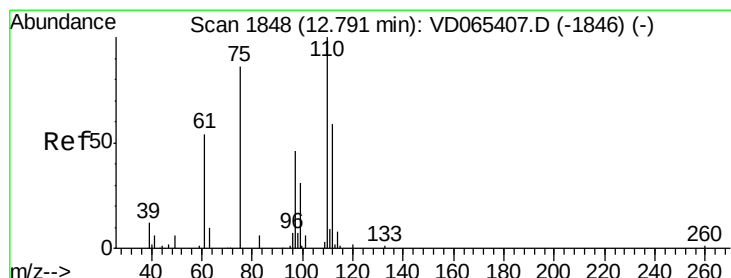
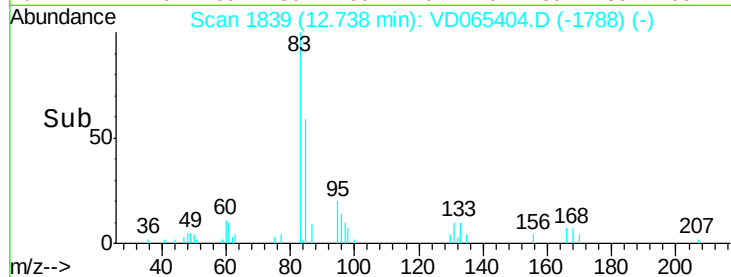
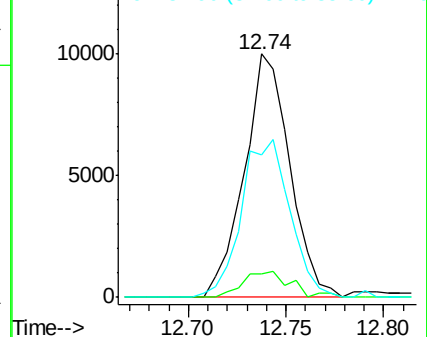
85 69.1 33.0 98.9



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: 4.92 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065404.D

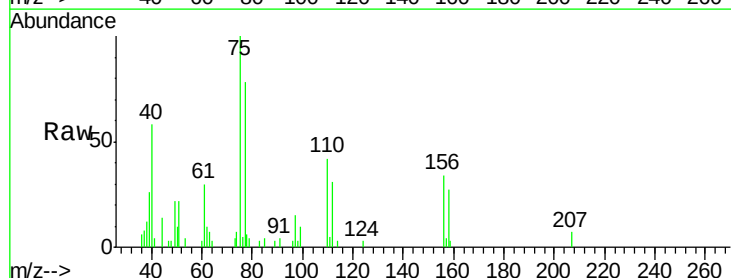
Acq: 04 Mar 2020 10:37

Tgt Ion: 75 Resp: 20264

Ion Ratio Lower Upper

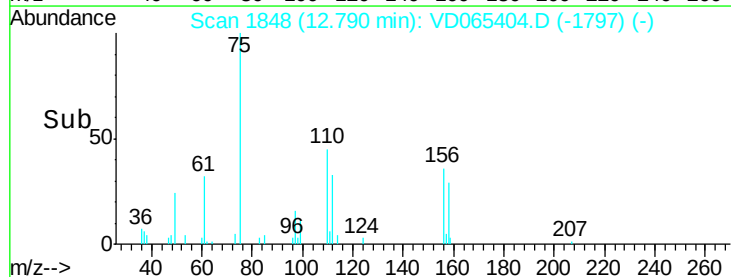
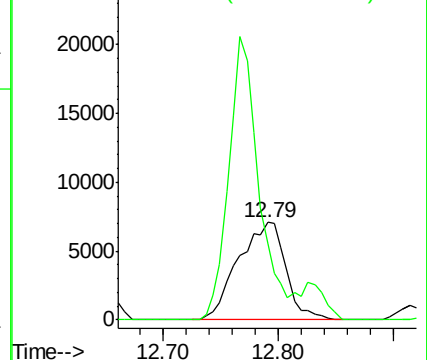
75 100

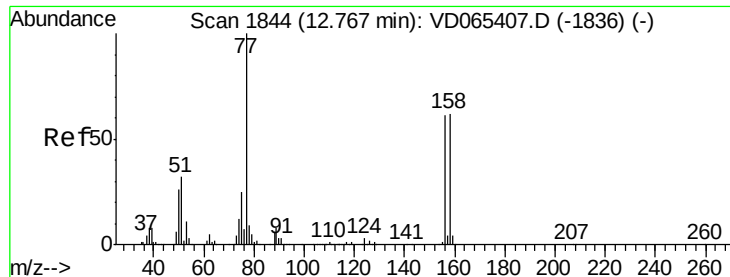
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

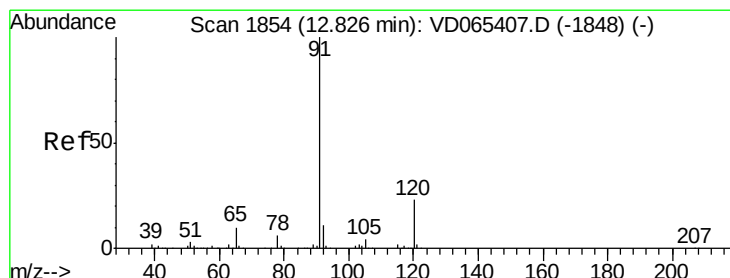
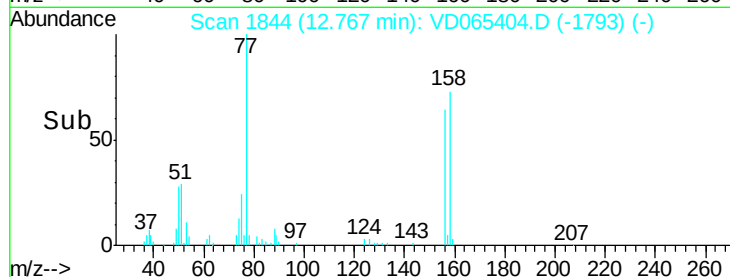
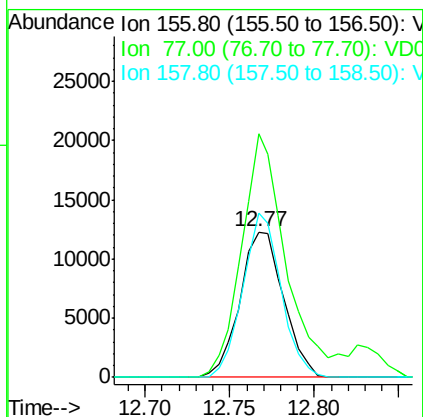
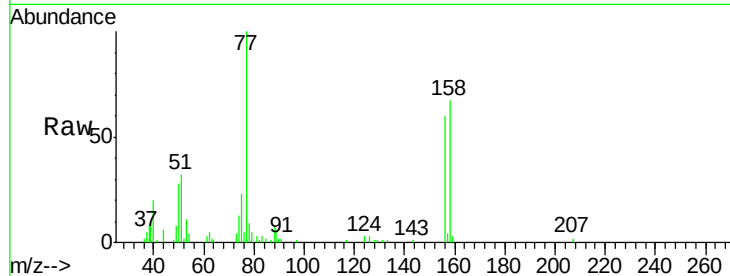




#77
Bromobenzene
Concen: 4.50 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

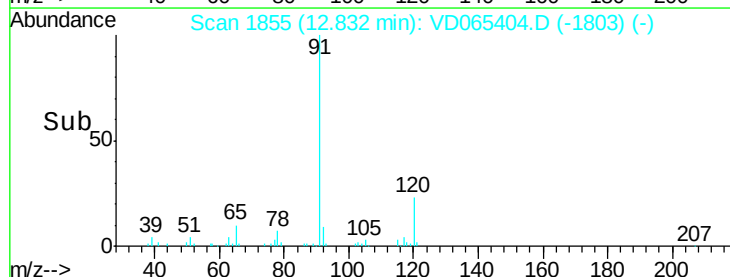
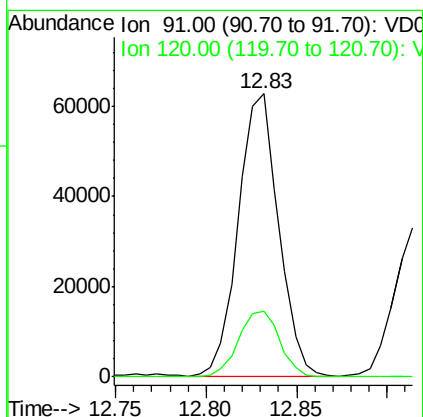
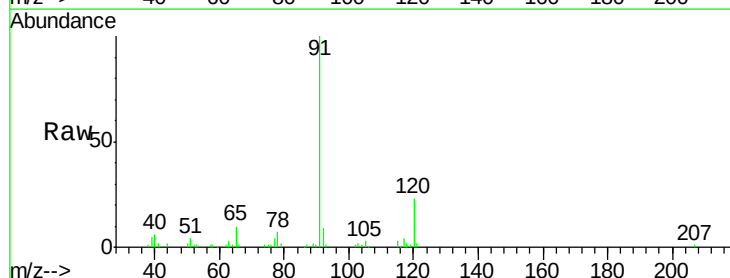
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

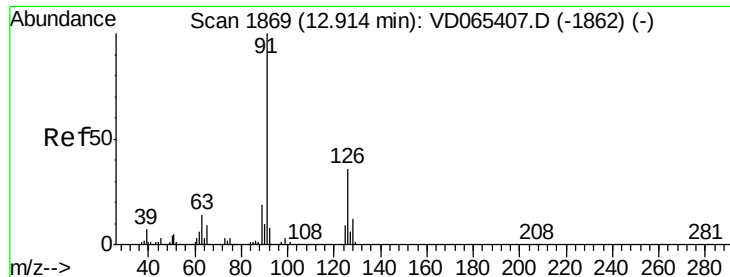
Tgt Ion: 156 Resp: 22084
Ion Ratio Lower Upper
156 100
77 173.5 84.9 254.6
158 98.5 49.0 147.2



#78
n-propylbenzene
Concen: 4.18 ug/l
RT: 12.83 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion: 91 Resp: 97282
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 4.27 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065404.D

Acq: 04 Mar 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

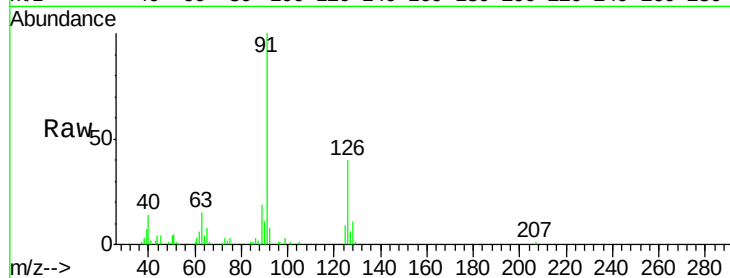
VSTDIC005

Tgt Ion: 91 Resp: 55972

Ion Ratio Lower Upper

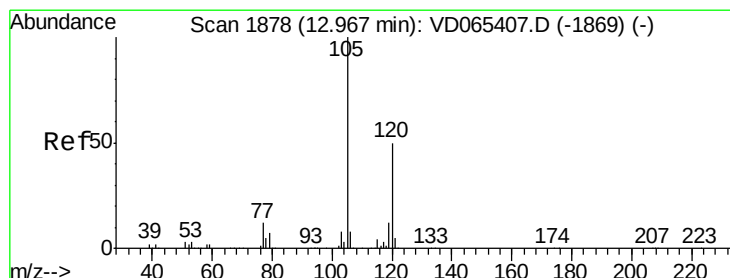
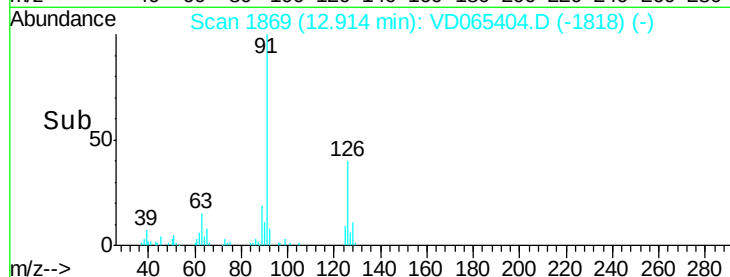
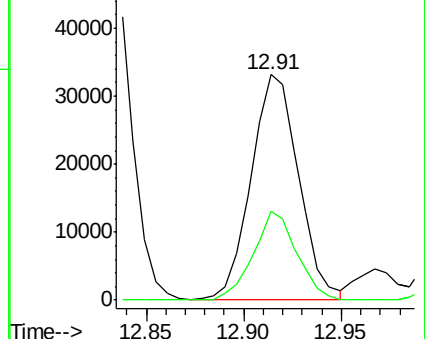
91 100

126 36.0 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 3.98 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065404.D

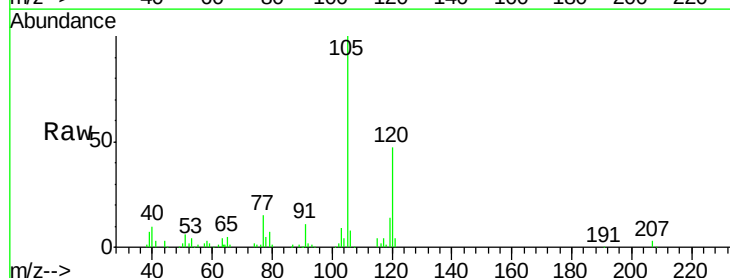
Acq: 04 Mar 2020 10:37

Tgt Ion: 105 Resp: 64117

Ion Ratio Lower Upper

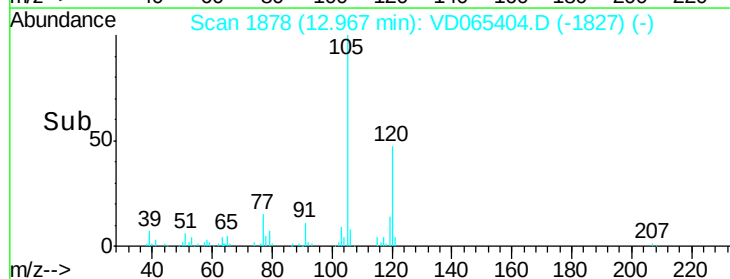
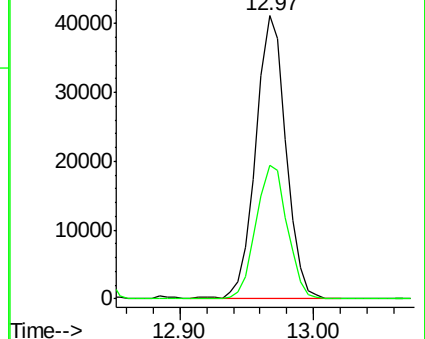
105 100

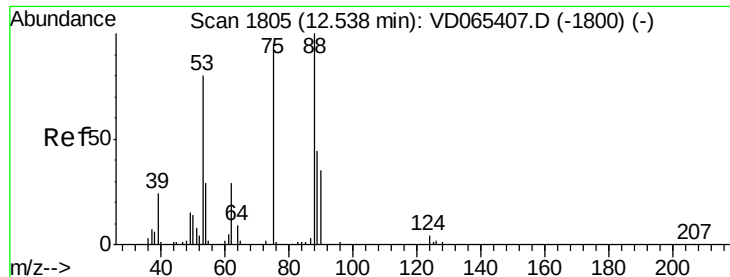
120 48.6 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

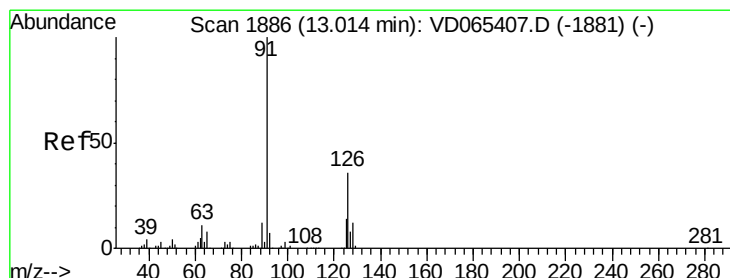
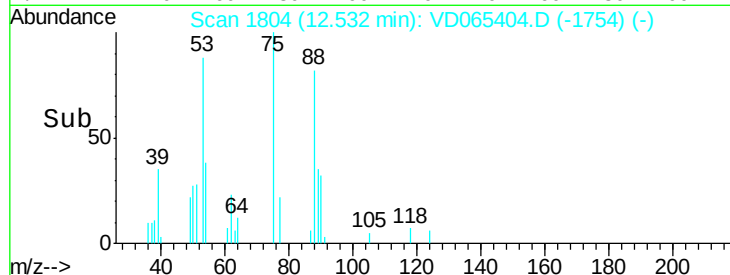
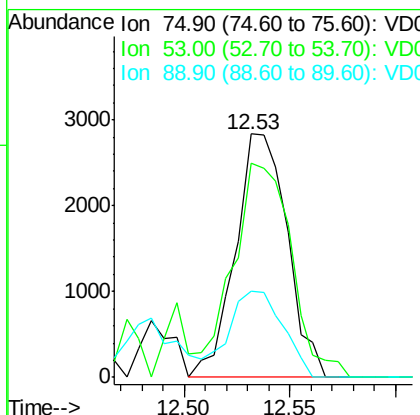
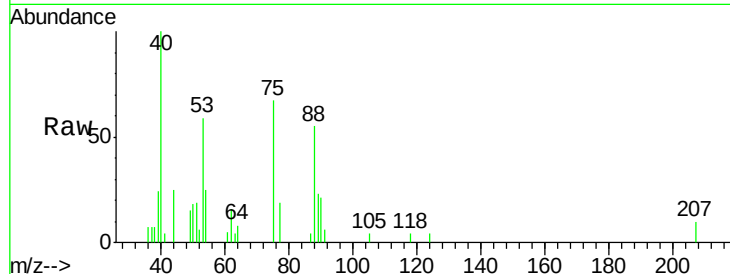




#81
trans-1,4-Dichloro-2-butene
Concen: 4.33 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

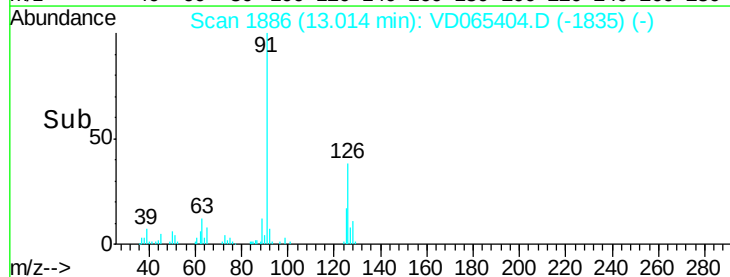
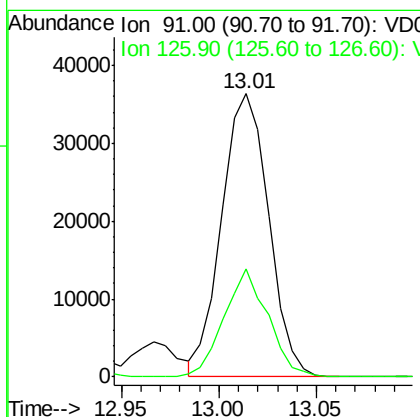
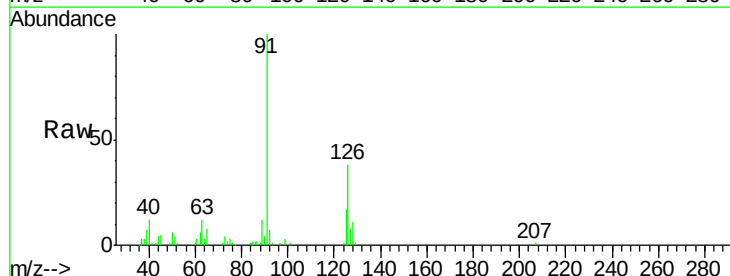
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

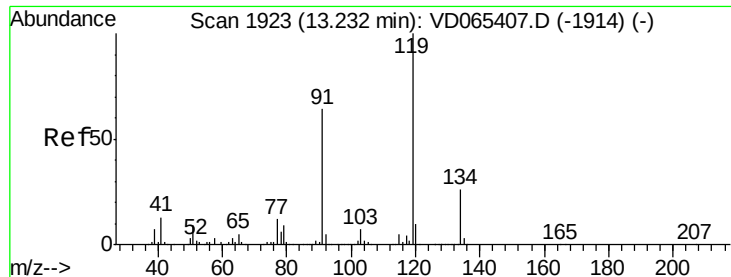
Tgt Ion: 75 Resp: 4838
Ion Ratio Lower Upper
75 100
53 97.8 71.3 106.9
89 36.9 37.0 55.6#



#82
4-Chlorotoluene
Concen: 4.39 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion: 91 Resp: 60690
Ion Ratio Lower Upper
91 100
126 35.6 17.6 52.8

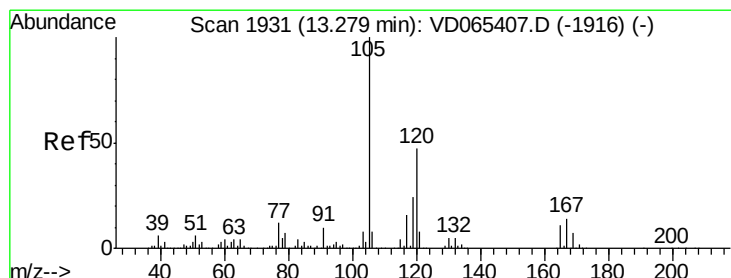
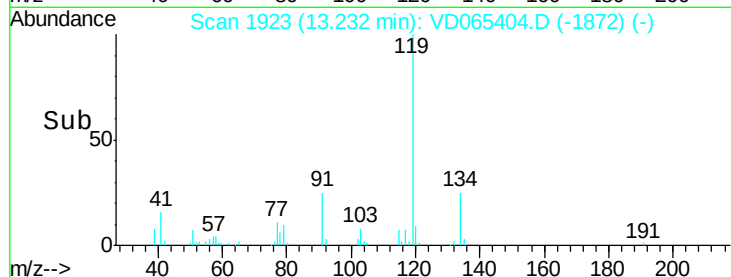
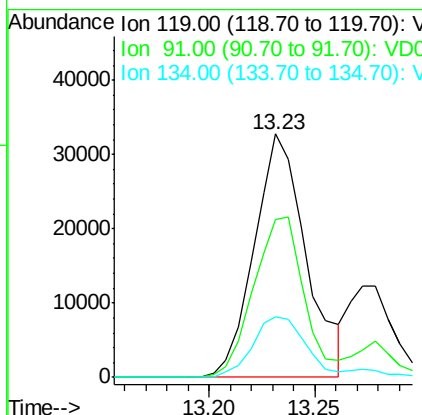
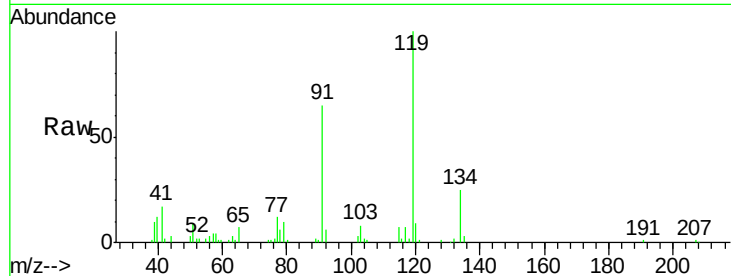




#83
 tert-Butylbenzene
 Concen: 4.10 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

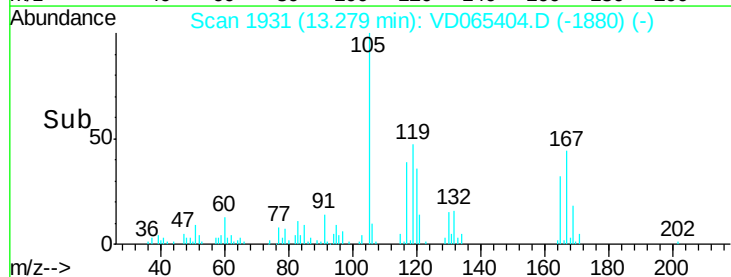
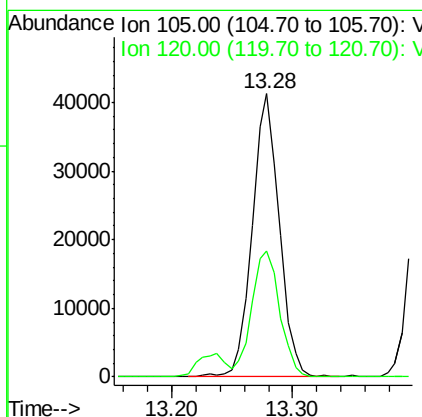
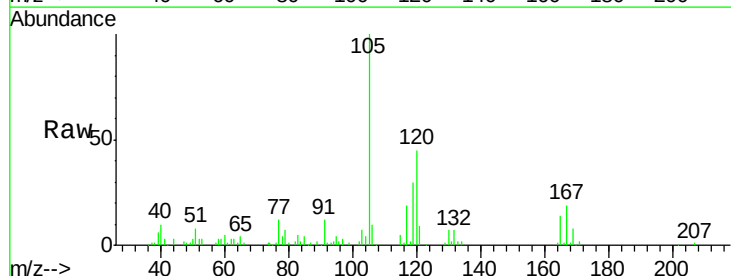
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

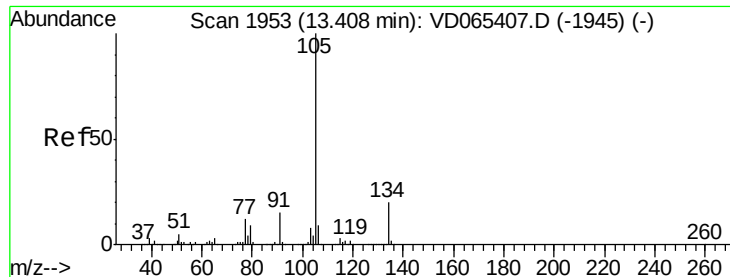
Tgt Ion:119 Resp: 55787
 Ion Ratio Lower Upper
 119 100
 91 64.1 31.6 95.0
 134 25.1 14.2 42.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.04 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

Tgt Ion:105 Resp: 64236
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.4 70.3

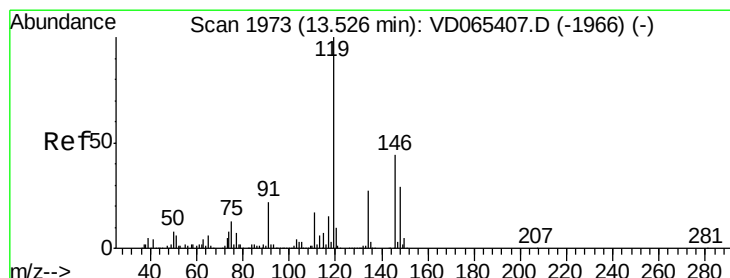
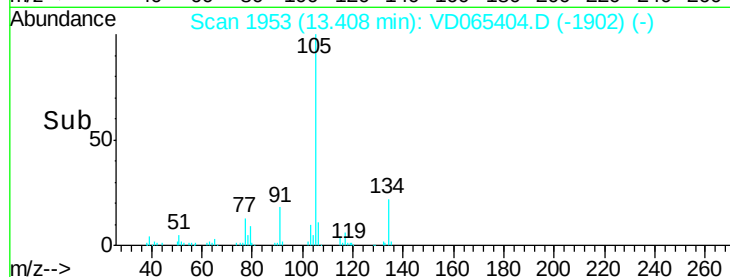
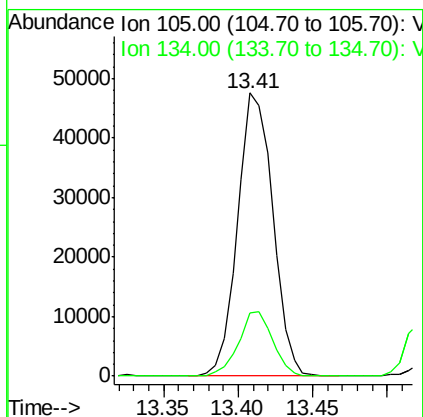
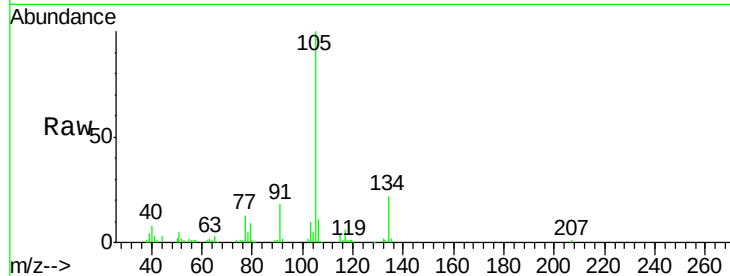




#85
 sec-Butylbenzene
 Concen: 4.02 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

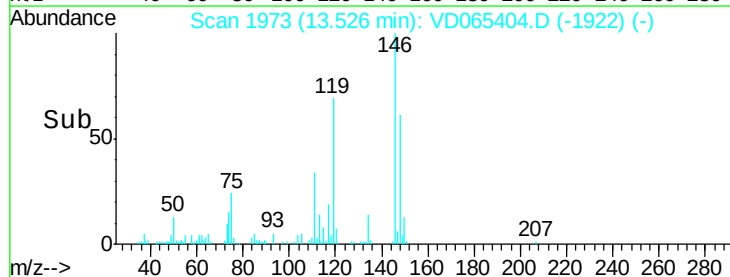
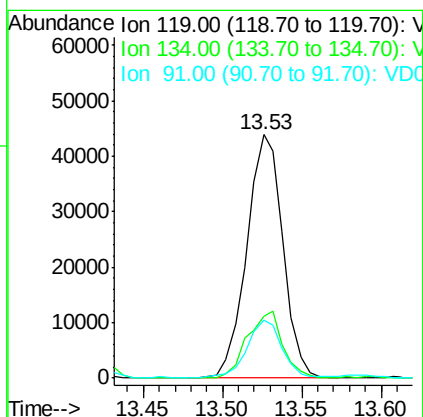
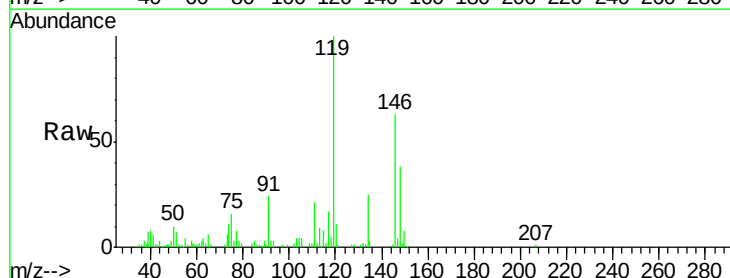
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

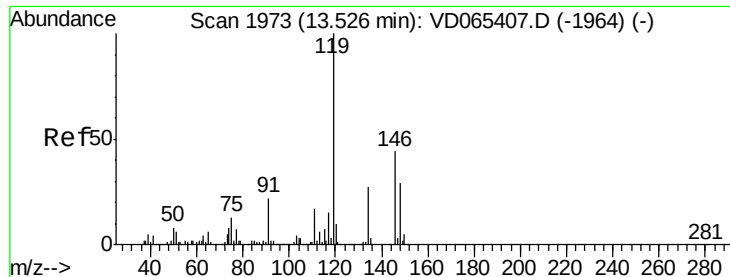
Tgt Ion:105 Resp: 78144
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 3.92 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

Tgt Ion:119 Resp: 69516
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 23.2 10.9 32.6

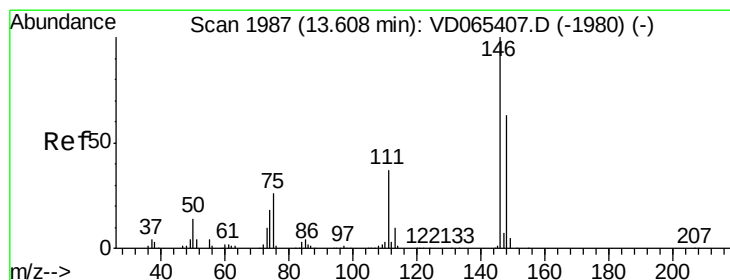
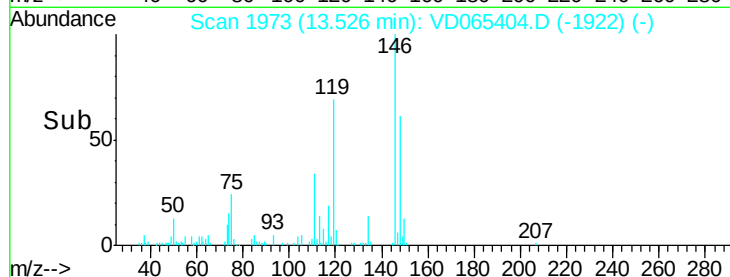
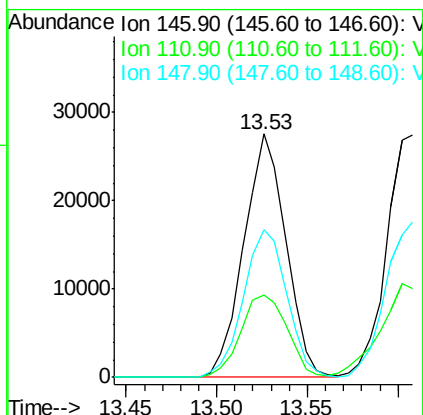
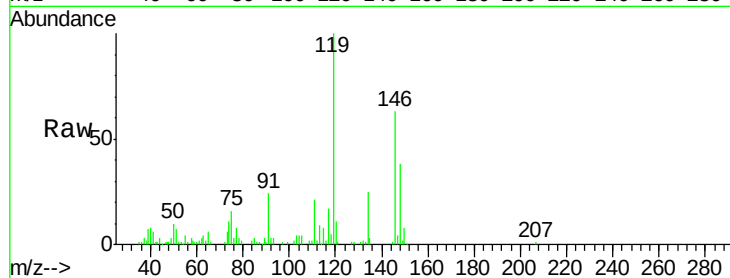




#87
 1,3-Dichlorobenzene
 Concen: 4.75 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

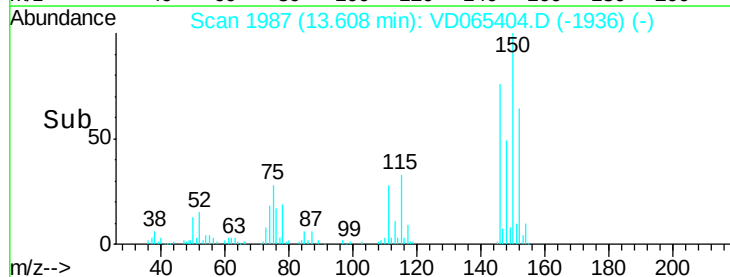
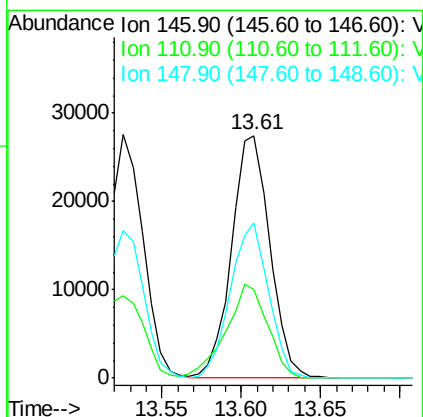
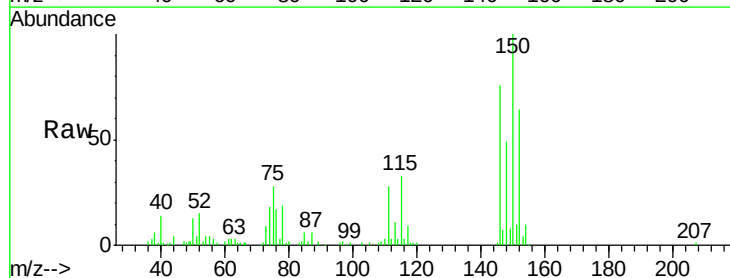
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

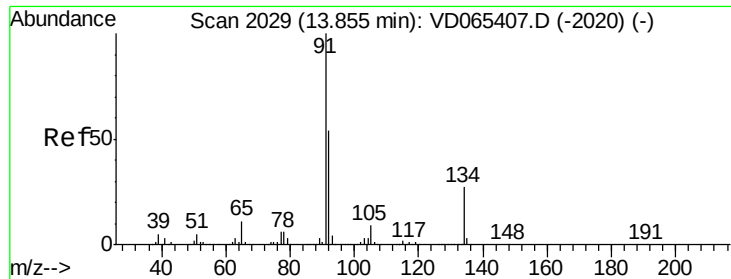
Tgt Ion:146 Resp: 44478
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.1
 148 62.6 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 4.94 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

Tgt Ion:146 Resp: 46141
 Ion Ratio Lower Upper
 146 100
 111 41.7 18.5 55.5
 148 64.0 32.0 96.0

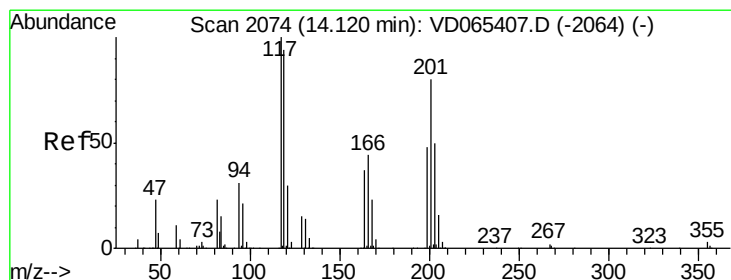
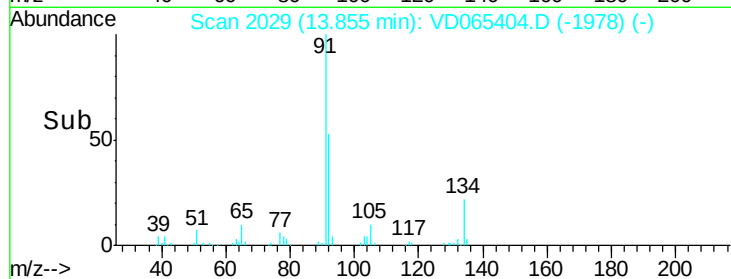
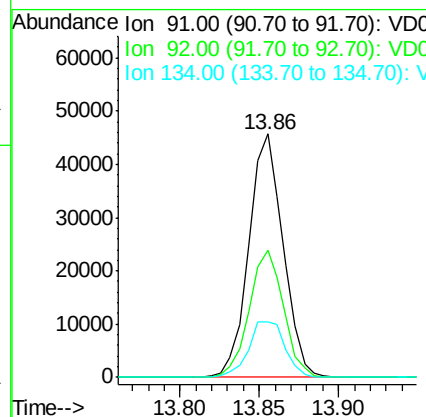
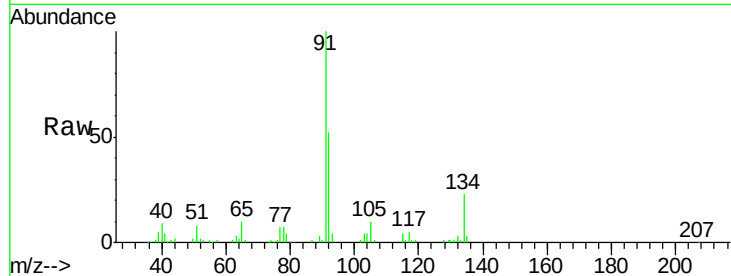




#89
n-Butylbenzene
Concen: 4.19 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

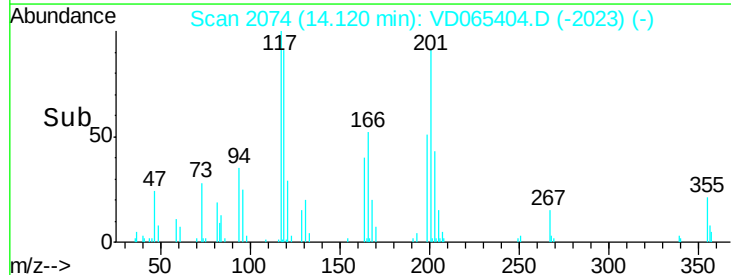
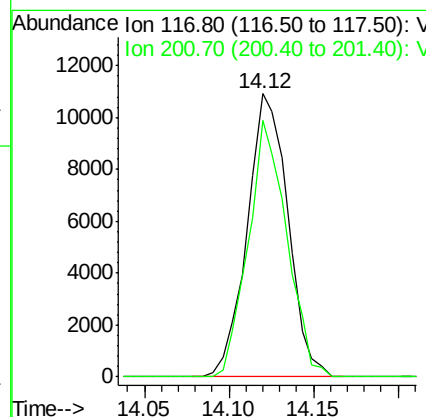
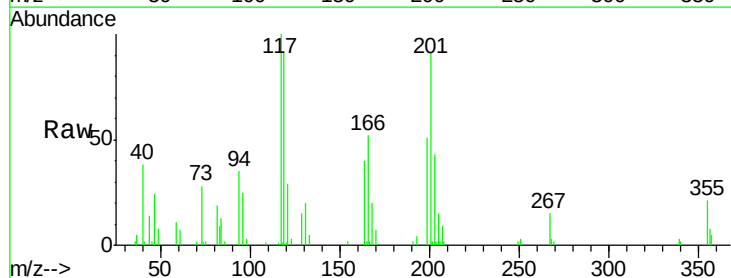
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

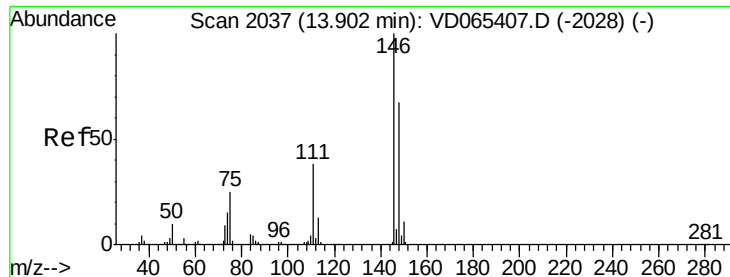
Tgt Ion: 91 Resp: 68573
Ion Ratio Lower Upper
91 100
92 51.9 26.8 80.4
134 24.5 13.4 40.2



#90
Hexachloroethane
Concen: 5.01 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion: 117 Resp: 18347
Ion Ratio Lower Upper
117 100
201 85.6 41.9 125.6

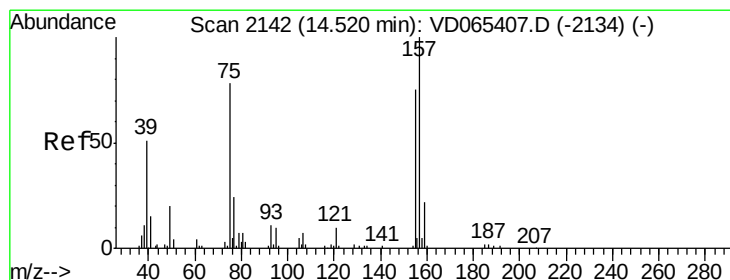
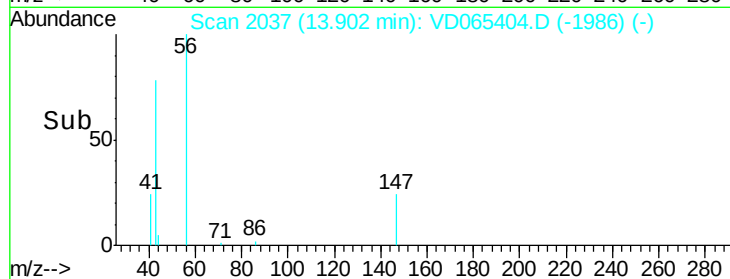
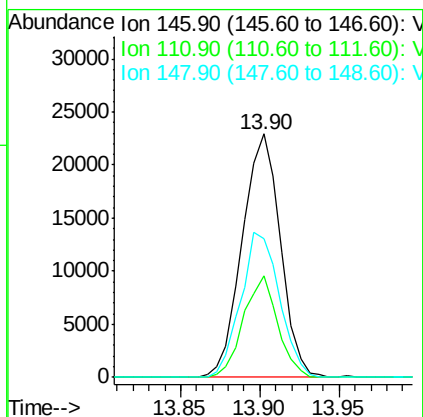
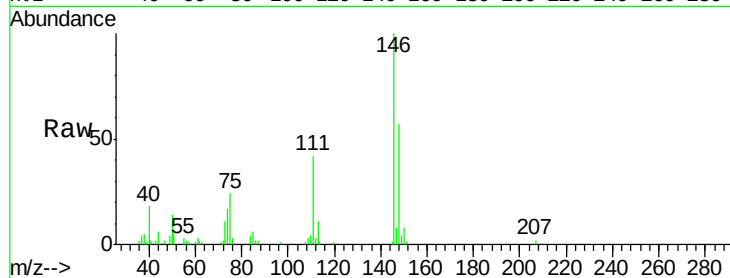




#91
 1,2-Dichlorobenzene
 Concen: 4.78 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

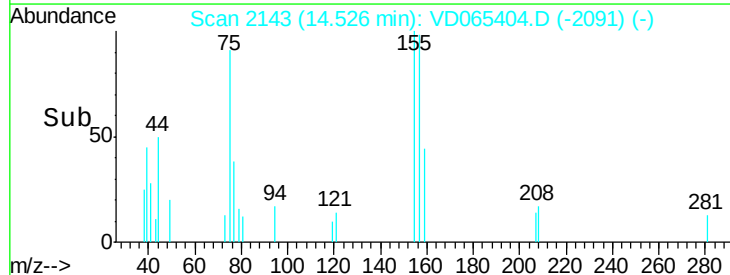
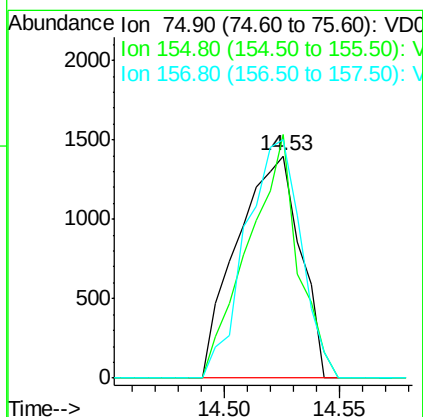
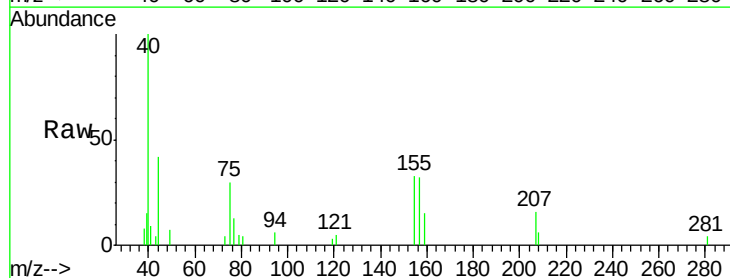
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

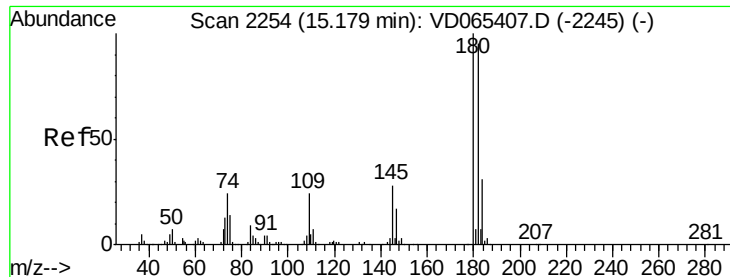
Tgt Ion:146 Resp: 38424
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.8 59.3
 148 60.2 32.6 97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.98 ug/l
 RT: 14.53 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

Tgt Ion: 75 Resp: 2654
 Ion Ratio Lower Upper
 75 100
 155 86.6 46.4 139.1
 157 94.2 60.2 180.4

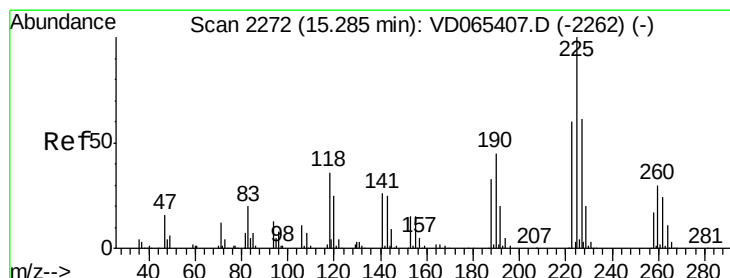
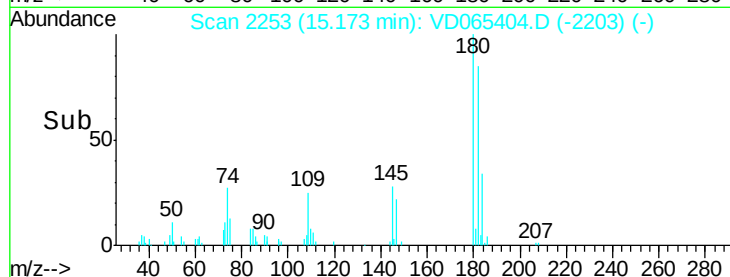
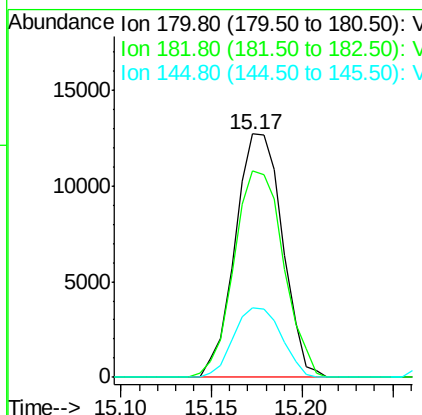
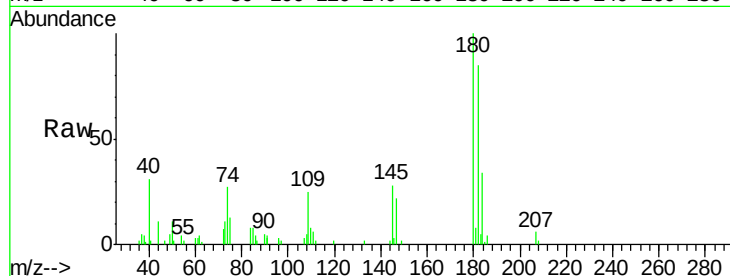




#93
 1,2,4-Trichlorobenzene
 Concen: 4.26 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

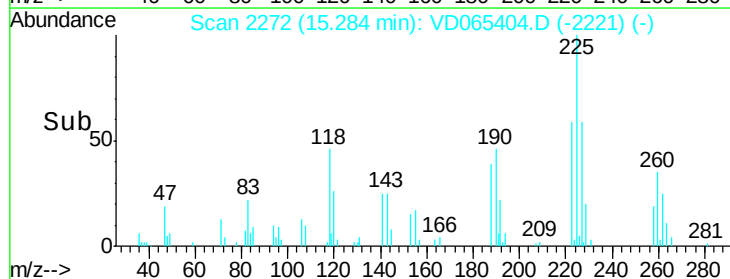
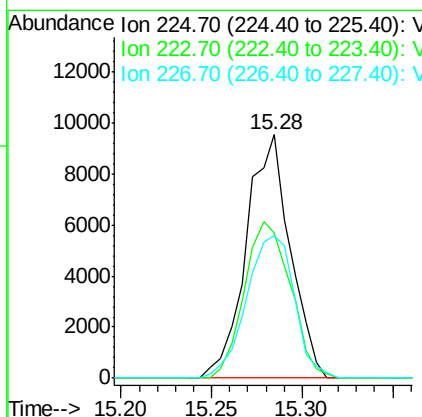
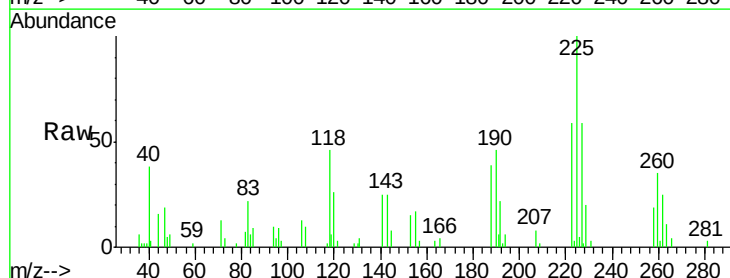
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

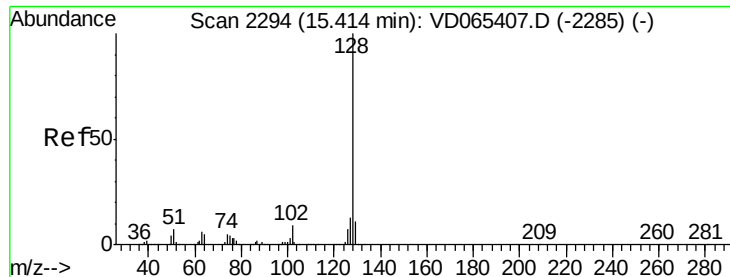
Tgt Ion:180 Resp: 23050
 Ion Ratio Lower Upper
 180 100
 182 89.3 48.3 144.9
 145 29.0 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 4.54 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VD065404.D
 Acq: 04 Mar 2020 10:37

Tgt Ion:225 Resp: 16053
 Ion Ratio Lower Upper
 225 100
 223 67.4 30.9 92.5
 227 63.7 31.6 94.7

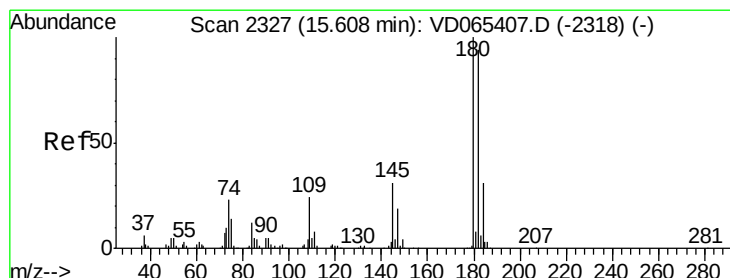
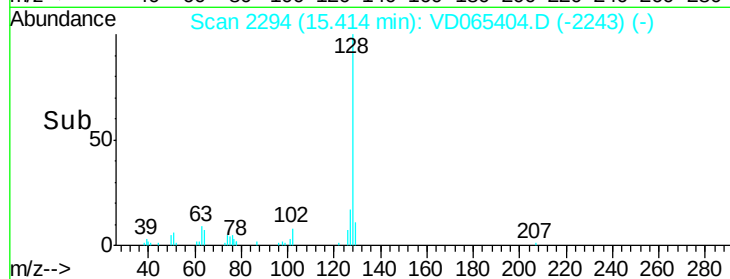
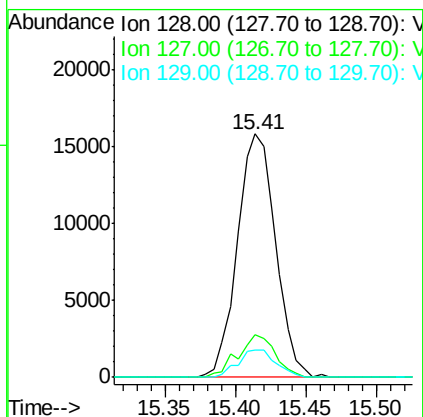
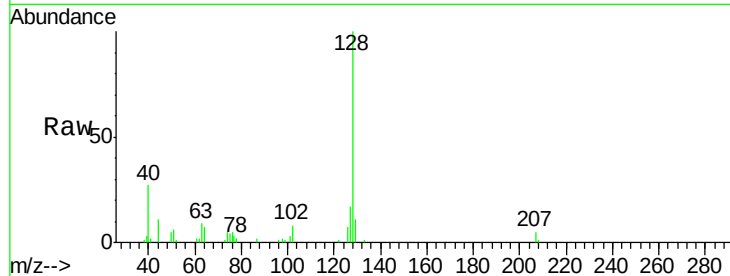




#95
Naphthalene
Concen: 3.44 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 29918
Ion Ratio Lower Upper
128 100
127 17.1 10.6 16.0#
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.30 ug/l
RT: 15.61 min Scan# 2328
Delta R.T. 0.01 min
Lab File: VD065404.D
Acq: 04 Mar 2020 10:37

Tgt Ion:180 Resp: 20200
Ion Ratio Lower Upper
180 100
182 94.2 46.9 140.6
145 31.5 15.0 45.1

