

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072120\
 Data File : VD065971.D
 Acq On : 21 Jul 2020 09:55
 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: Jul 21 12:05:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:03:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	358400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	526450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	490818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	248944	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	15818	5.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.84%	
35) Dibromofluoromethane	7.92	113	17410	5.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.00%	
50) Toluene-d8	10.34	98	65928	5.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.18%	
62) 4-Bromofluorobenzene	12.63	95	22910	5.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	13888	4.817 ug/l	92
3) Chloromethane	2.21	50	11427	5.018 ug/l	99
4) Vinyl Chloride	2.35	62	10454	4.755 ug/l	98
5) Bromomethane	2.77	94	9309	4.953 ug/l	89
6) Chloroethane	2.92	64	5758	4.346 ug/l	94
7) Trichlorofluoromethane	3.27	101	25715	4.860 ug/l	89
8) Diethyl Ether	3.71	74	7201	5.287 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	15711	5.008 ug/l	98
10) Methyl Iodide	4.30	142	5267	3.073 ug/l	90
11) Tert butyl alcohol	5.18	59	5132	20.735 ug/l #	83
12) 1,1-Dichloroethene	4.07	96	14894	5.001 ug/l #	82
13) Acrolein	3.93	56	5986	25.030 ug/l	91
14) Allyl chloride	4.71	41	21422	4.686 ug/l	99
15) Acrylonitrile	5.43	53	14456	24.733 ug/l	95
16) Acetone	4.16	43	16291	27.653 ug/l #	85
17) Carbon Disulfide	4.40	76	46378	4.768 ug/l	95
18) Methyl Acetate	4.72	43	7224	5.330 ug/l	97
19) Methyl tert-butyl Ether	5.47	73	27772	4.754 ug/l #	89
20) Methylene Chloride	4.96	84	25163	6.191 ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	15343	4.561 ug/l #	85
22) Diisopropyl ether	6.37	45	39115	4.520 ug/l	96
23) Vinyl Acetate	6.30	43	103755	21.848 ug/l	99
24) 1,1-Dichloroethane	6.27	63	25148	4.646 ug/l	94
25) 2-Butanone	7.21	43	19311	24.860 ug/l	91
26) 2,2-Dichloropropane	7.20	77	23358	4.701 ug/l	95
27) cis-1,2-Dichloroethene	7.20	96	17097	4.851 ug/l	99
28) Bromochloromethane	7.54	49	10418	4.661 ug/l	96
29) Tetrahydrofuran	7.57	42	10867	22.928 ug/l	99
30) Chloroform	7.72	83	26967	4.803 ug/l	96
31) Cyclohexane	7.98	56	28436	5.234 ug/l #	77
32) 1,1,1-Trichloroethane	7.90	97	24990	4.757 ug/l	97
36) 1,1-Dichloropropene	8.11	75	20801	4.550 ug/l	95
37) Ethyl Acetate	7.30	43	7472	4.261 ug/l	98
38) Carbon Tetrachloride	8.10	117	22859	4.714 ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072120\
 Data File : VD065971.D
 Acq On : 21 Jul 2020 09:55
 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: Jul 21 12:05:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:03:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	24647	4.552	ug/l	95
40) Benzene	8.36	78	59301	4.677	ug/l	91
41) Methacrylonitrile	7.57	41	11490	8.764	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	16143	4.632	ug/l	100
43) Isopropyl Acetate	8.46	43	15468	4.792	ug/l	96
44) Trichloroethene	9.11	130	18314	4.801	ug/l	96
45) 1,2-Dichloropropane	9.39	63	14244	4.684	ug/l	97
46) Dibromomethane	9.48	93	7417	4.457	ug/l	94
47) Bromodichloromethane	9.66	83	20133	4.616	ug/l	96
48) Methyl methacrylate	9.46	41	7473	4.445	ug/l #	91
49) 1,4-Dioxane	9.47	88	1625	88.331	ug/l #	72
51) 4-Methyl-2-Pentanone	10.23	43	38051	23.087	ug/l	98
52) Toluene	10.40	92	36783	4.505	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	18288	4.744	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	21689	4.545	ug/l	96
55) 1,1,2-Trichloroethane	10.81	97	11847	5.172	ug/l #	80
56) Ethyl methacrylate	10.67	69	10677	4.148	ug/l	91
57) 1,3-Dichloropropane	10.95	76	17562	4.609	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.94	63	31889	25.382	ug/l	98
59) 2-Hexanone	10.98	43	25555	22.564	ug/l	97
60) Dibromochloromethane	11.14	129	14859	4.801	ug/l	96
61) 1,2-Dibromoethane	11.24	107	10693	4.827	ug/l	99
64) Tetrachloroethene	10.88	164	15439	4.601	ug/l	97
65) Chlorobenzene	11.67	112	41392	4.572	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.75	131	14609	4.361	ug/l	88
67) Ethyl Benzene	11.75	91	68844	4.433	ug/l	95
68) m/p-Xylenes	11.86	106	50162	8.353	ug/l	97
69) o-Xylene	12.18	106	22451	4.199	ug/l	95
70) Styrene	12.20	104	37791	4.084	ug/l	98
71) Bromoform	12.36	173	9107	4.837	ug/l #	96
73) Isopropylbenzene	12.48	105	63002	4.225	ug/l	98
74) N-amyl acetate	12.29	43	13202	4.402	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	11261	4.566	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	15090	6.820	ug/l #	100
77) Bromobenzene	12.76	156	16944	4.402	ug/l	99
78) n-propylbenzene	12.83	91	75309	4.311	ug/l	98
79) 2-Chlorotoluene	12.91	91	43972	4.409	ug/l	95
80) 1,3,5-Trimethylbenzene	12.96	105	50786	4.089	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.54	75	3684	4.672	ug/l	96
82) 4-Chlorotoluene	13.01	91	45870	4.330	ug/l	99
83) tert-Butylbenzene	13.23	119	43817	4.062	ug/l	92
84) 1,2,4-Trimethylbenzene	13.27	105	52752	4.330	ug/l	97
85) sec-Butylbenzene	13.41	105	62800	4.211	ug/l	98
86) p-Isopropyltoluene	13.52	119	55322	4.120	ug/l	97
87) 1,3-Dichlorobenzene	13.52	146	32984	4.539	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	34462	4.732	ug/l	95
89) n-Butylbenzene	13.85	91	53971	4.345	ug/l	98
90) Hexachloroethane	14.11	117	13677	4.962	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	27257	4.381	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.52	75	2106	5.361	ug/l	93

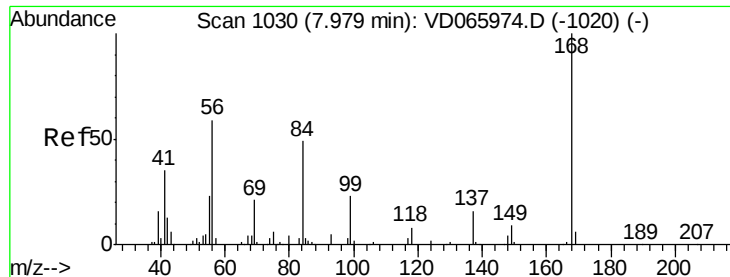
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD072120\
Data File : VD065971.D
Acq On : 21 Jul 2020 09:55
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Jul 21 12:05:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:03:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	19525	4.516	ug/l	96
94) Hexachlorobutadiene	15.27	225	12888	4.761	ug/l	97
95) Naphthalene	15.41	128	27165	4.115	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	17383	4.594	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

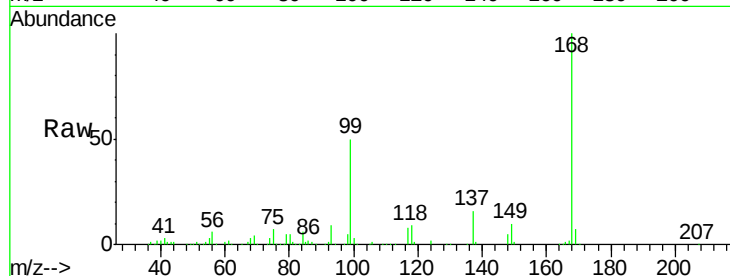
VSTDIC005

Tgt Ion:168 Resp: 358400

Ion Ratio Lower Upper

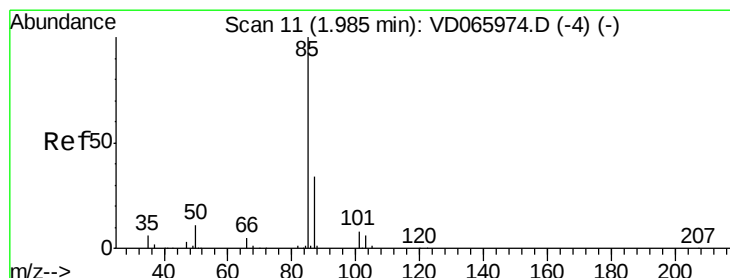
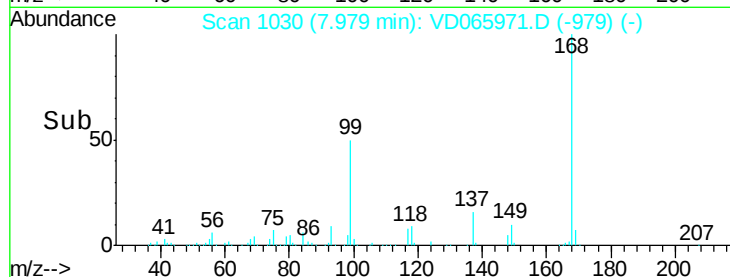
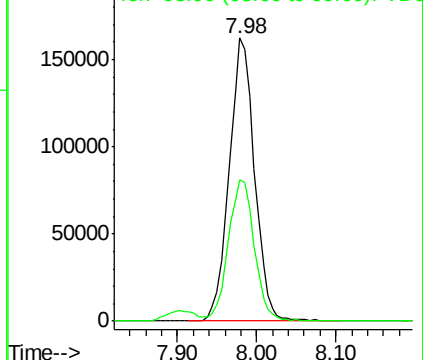
168 100

99 49.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 4.817 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065971.D

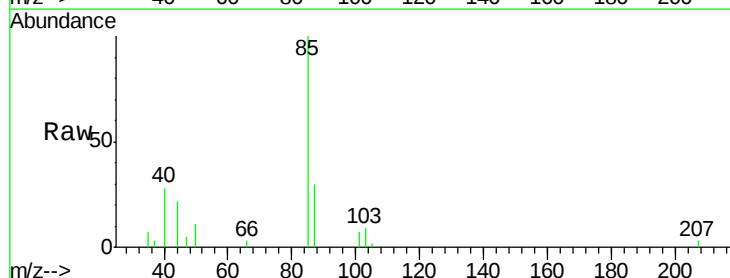
Acq: 21 Jul 2020 09:55

Tgt Ion: 85 Resp: 13888

Ion Ratio Lower Upper

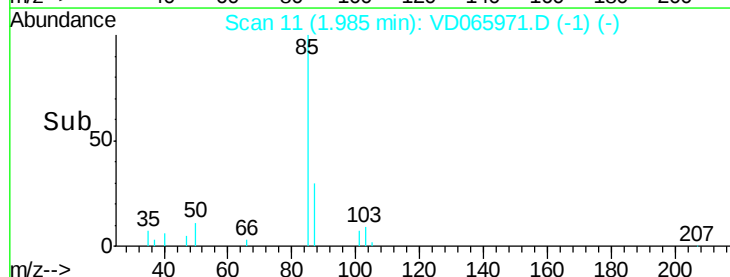
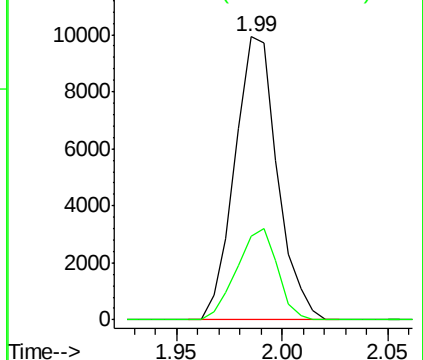
85 100

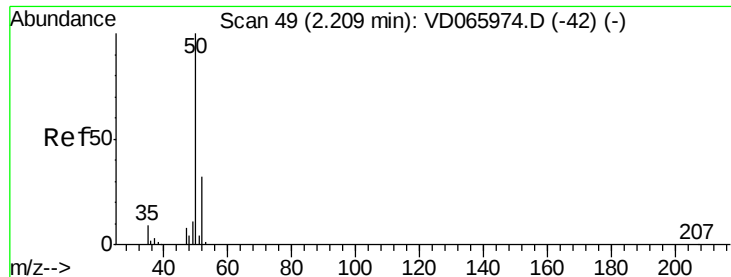
87 29.8 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 5.018 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

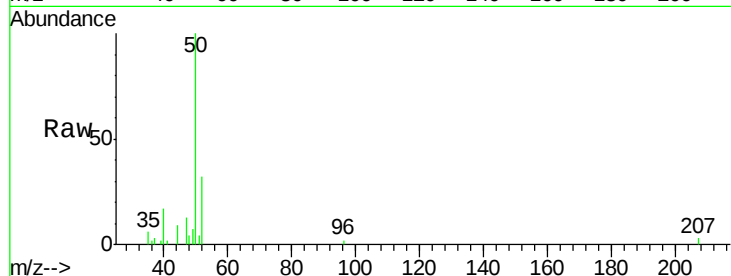
VSTDIC005

Tgt Ion: 50 Resp: 11427

Ion Ratio Lower Upper

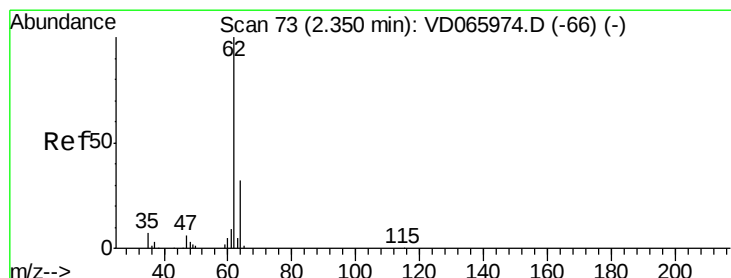
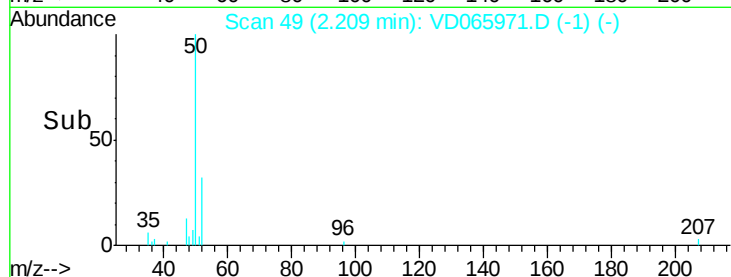
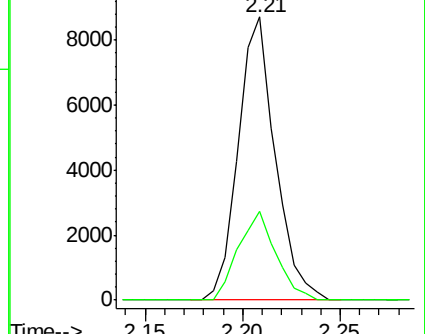
50 100

52 31.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 4.755 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065971.D

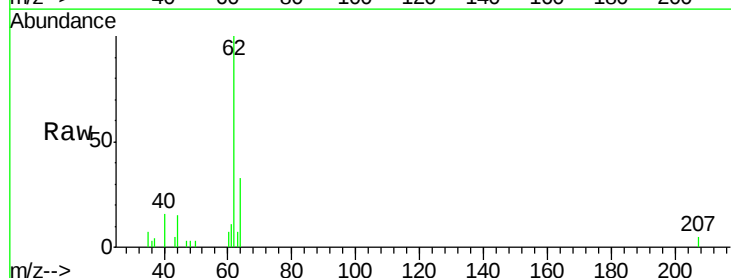
Acq: 21 Jul 2020 09:55

Tgt Ion: 62 Resp: 10454

Ion Ratio Lower Upper

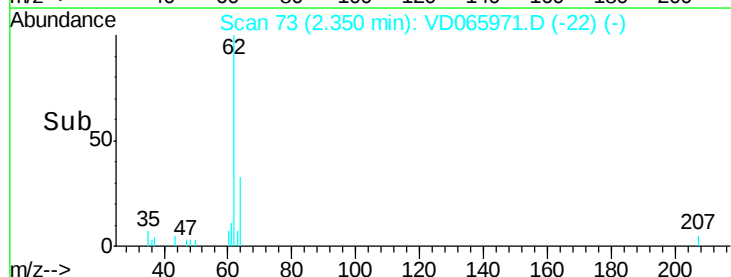
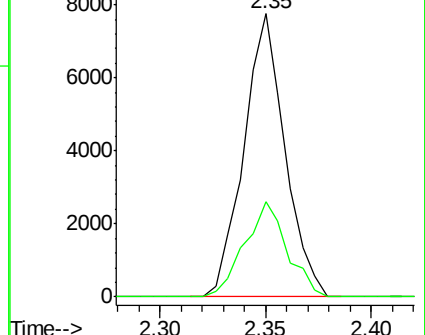
62 100

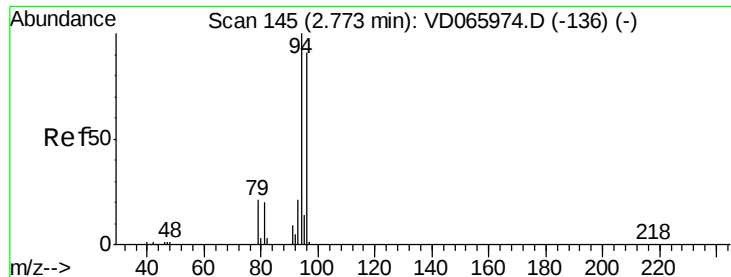
64 33.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 4.953 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

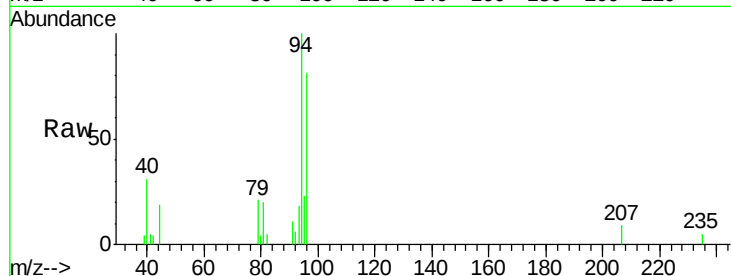
VSTDIC005

Tgt Ion: 94 Resp: 9309

Ion Ratio Lower Upper

94 100

96 81.0 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

4000

3000

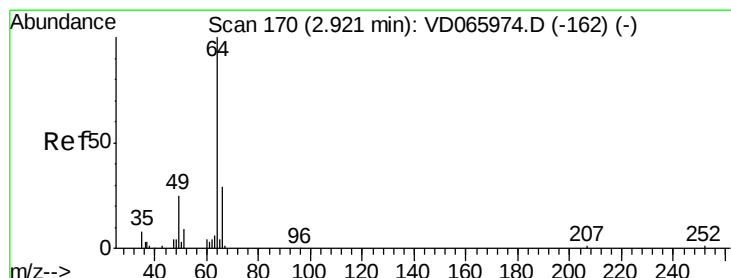
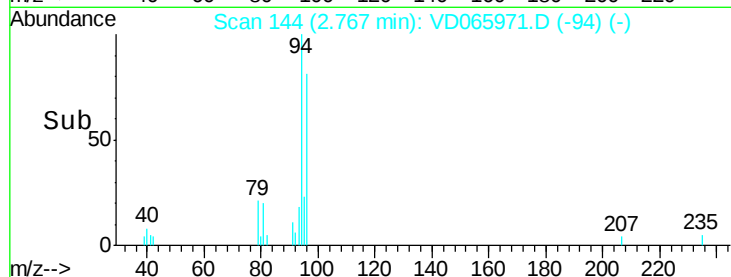
2000

1000

0

2.70 2.75 2.80 2.85

Time-->



#6

Chloroethane

Concen: 4.346 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD065971.D

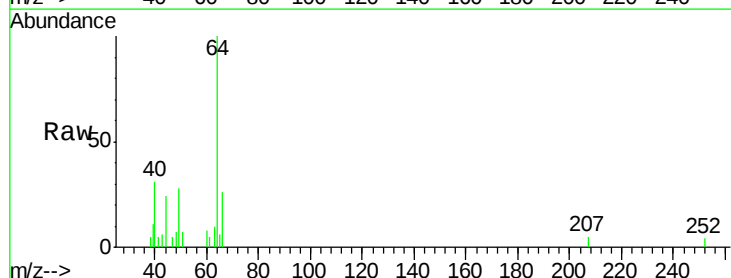
Acq: 21 Jul 2020 09:55

Tgt Ion: 64 Resp: 5758

Ion Ratio Lower Upper

64 100

66 26.1 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

4000

3000

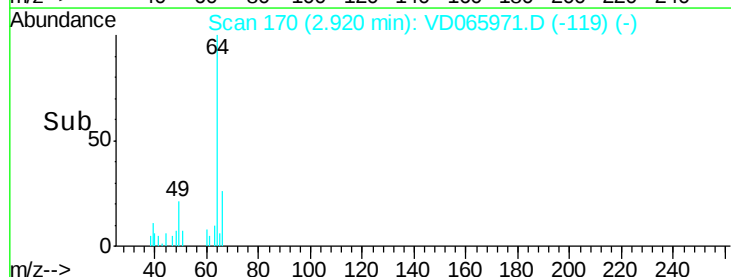
2000

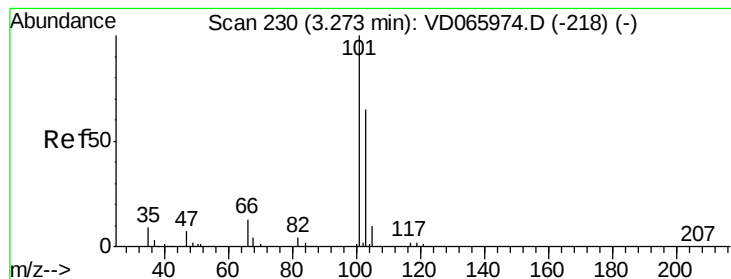
1000

0

2.85 2.90 2.95

Time-->





#7

Trichlorofluoromethane

Concen: 4.860 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

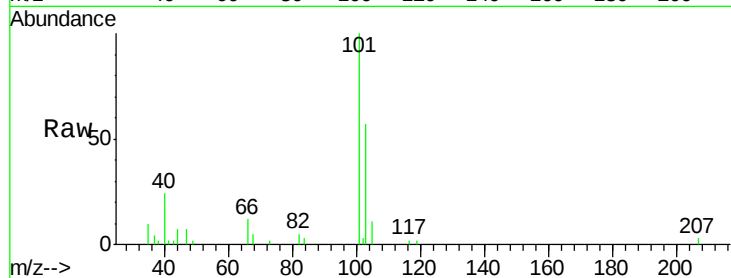
VSTDIC005

Tgt Ion:101 Resp: 25715

Ion Ratio Lower Upper

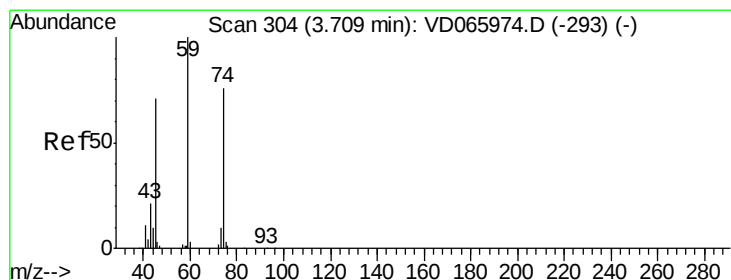
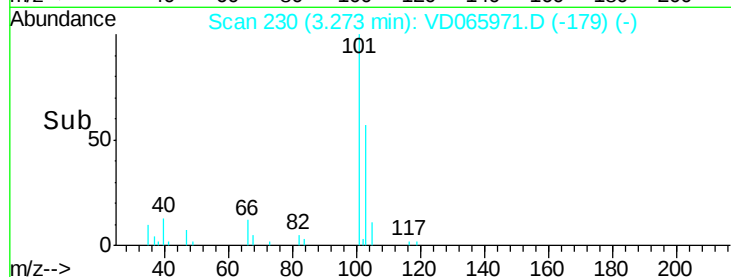
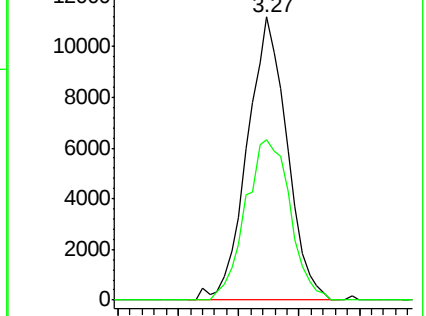
101 100

103 56.6 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.287 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD065971.D

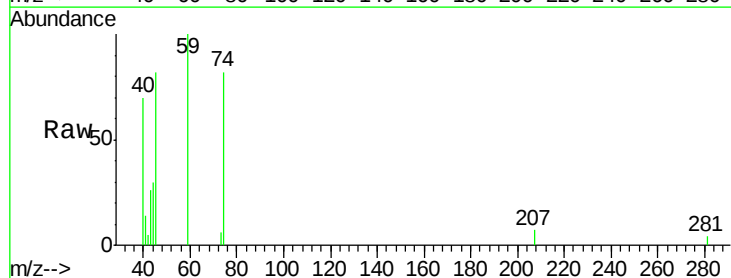
Acq: 21 Jul 2020 09:55

Tgt Ion: 74 Resp: 7201

Ion Ratio Lower Upper

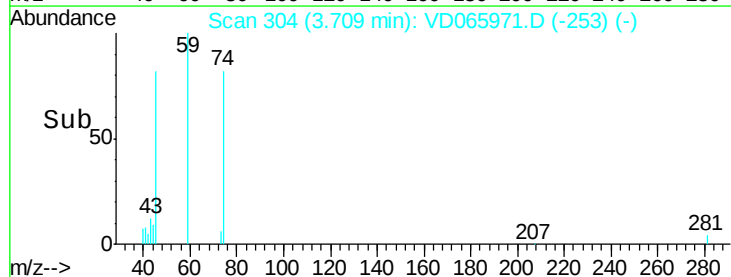
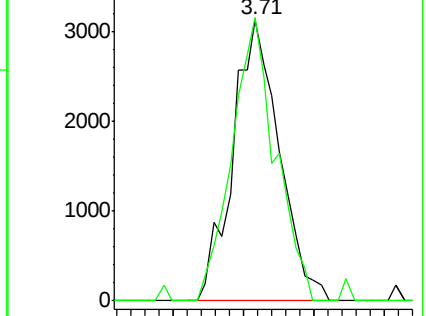
74 100

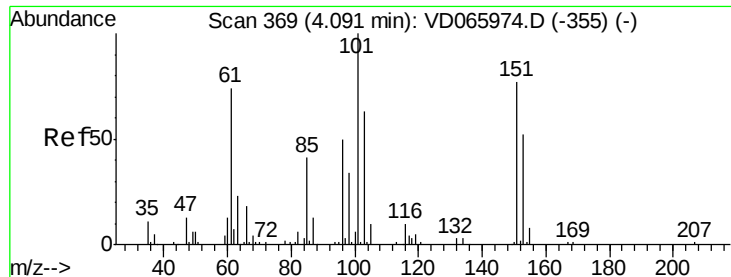
45 94.3 49.9 149.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.008 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

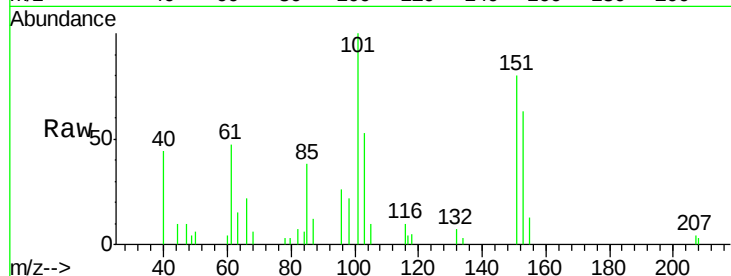
Tgt Ion:101 Resp: 15711

Ion Ratio Lower Upper

101 100

85 40.5 33.6 50.4

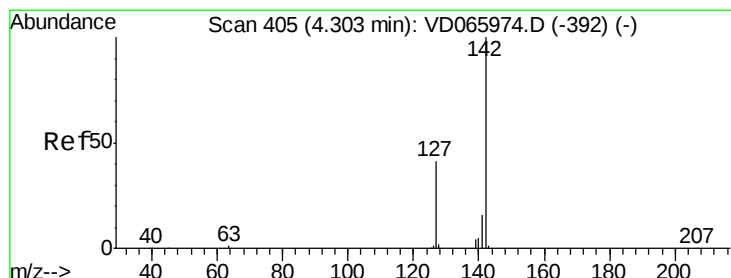
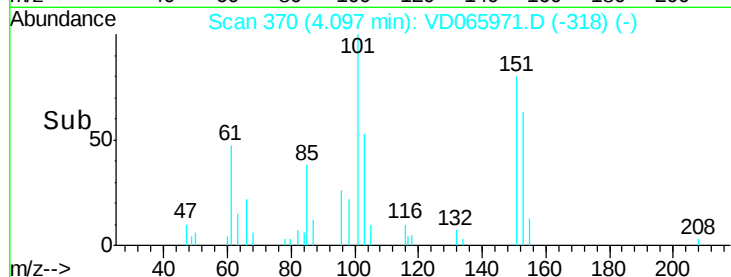
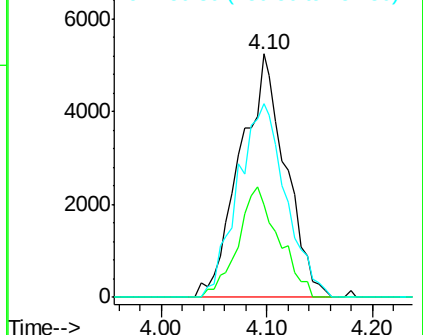
151 84.2 66.6 99.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.073 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

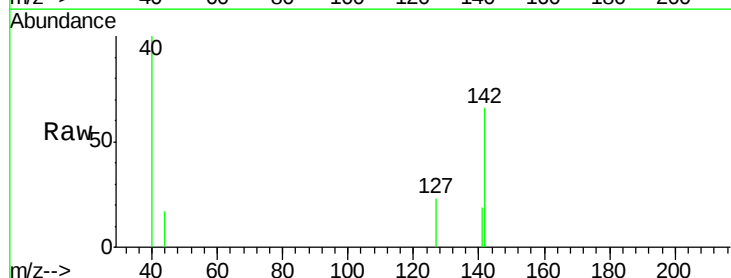
Tgt Ion:142 Resp: 5267

Ion Ratio Lower Upper

142 100

127 48.4 32.9 49.3

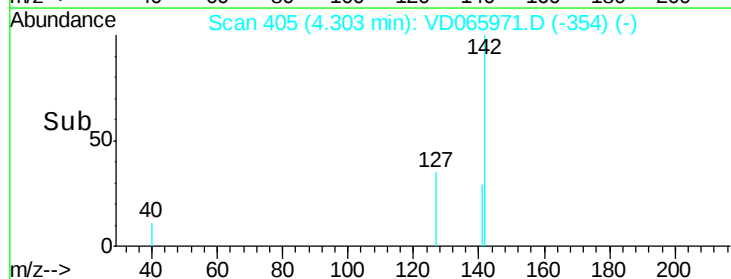
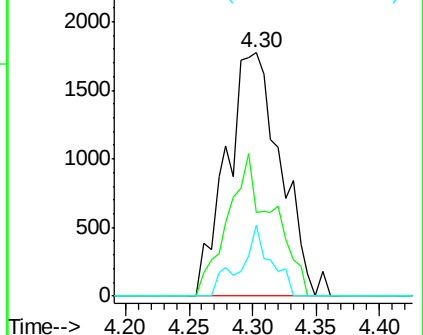
141 16.4 11.8 17.6

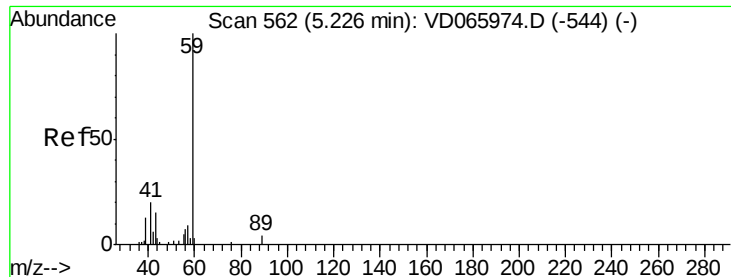


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



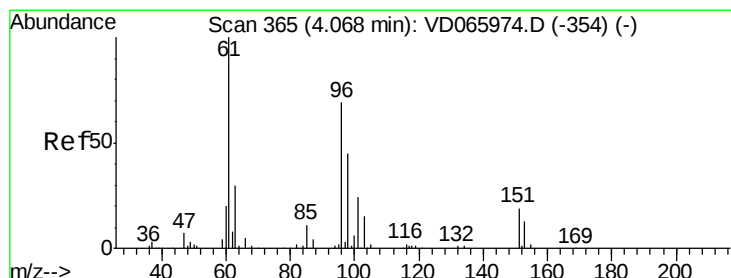
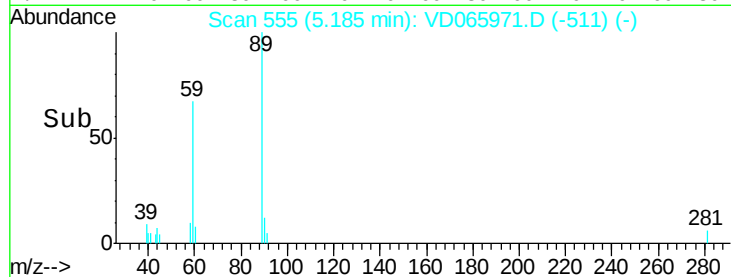
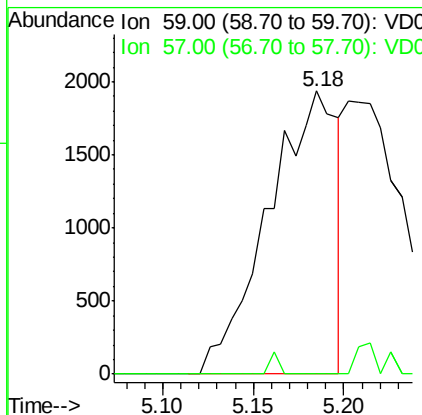
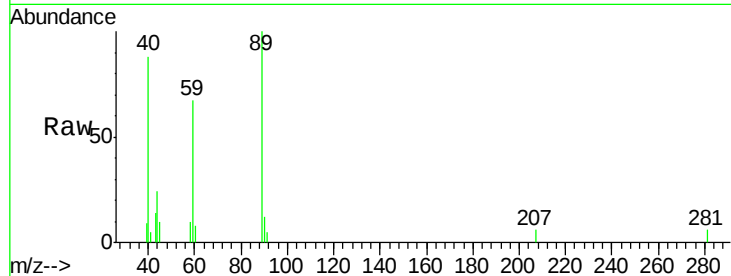


#11

Tert butyl alcohol
 Concen: 20.735 ug/l
 RT: 5.18 min Scan# 555
 Delta R.T. -0.04 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

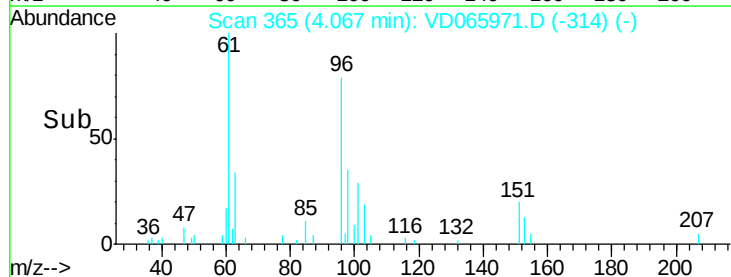
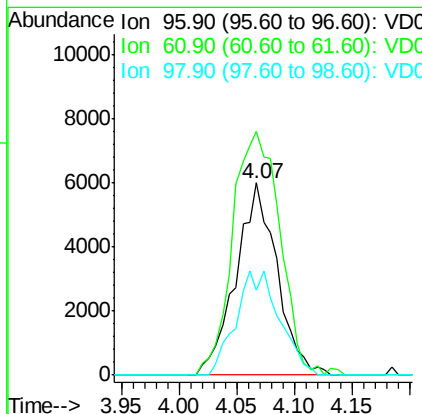
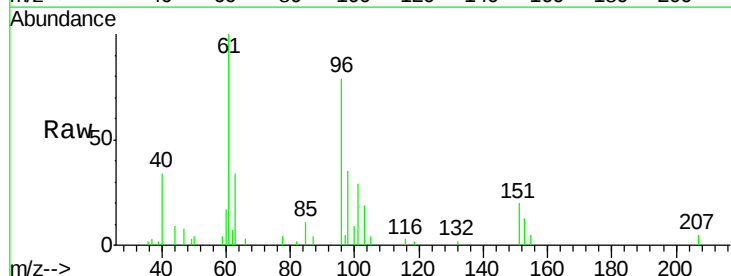
Tgt Ion: 59 Resp: 5132
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.5 6.7#

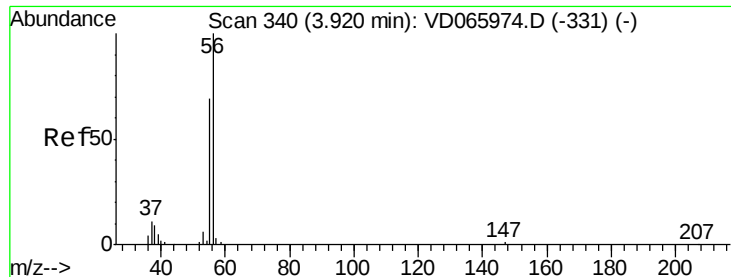


#12

1,1-Dichloroethene
 Concen: 5.001 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Tgt Ion: 96 Resp: 14894
 Ion Ratio Lower Upper
 96 100
 61 126.7 115.4 173.0
 98 44.5 51.5 77.3#





#13

Acrolein

Concen: 25.030 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

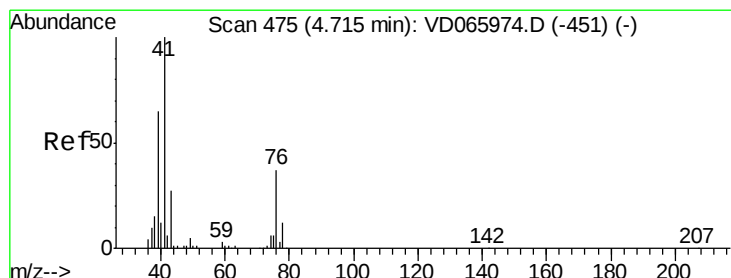
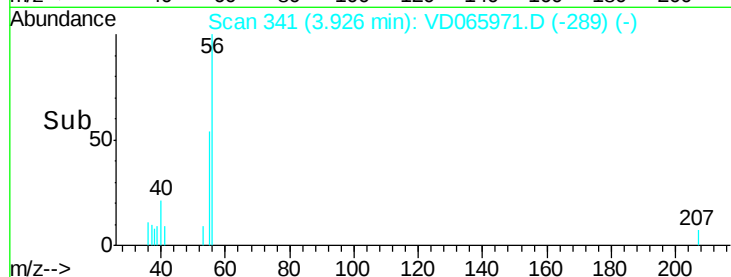
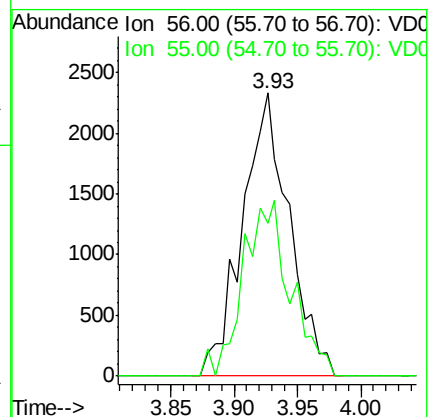
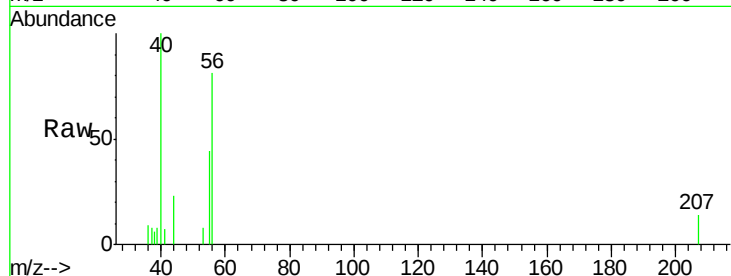
VSTDIC005

Tgt Ion: 56 Resp: 5986

Ion Ratio Lower Upper

56 100

55 62.8 55.8 83.8



#14

Allyl chloride

Concen: 4.686 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

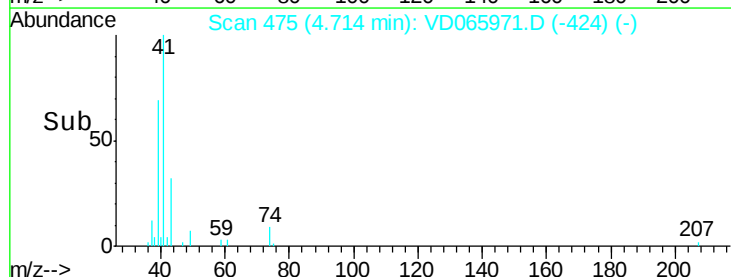
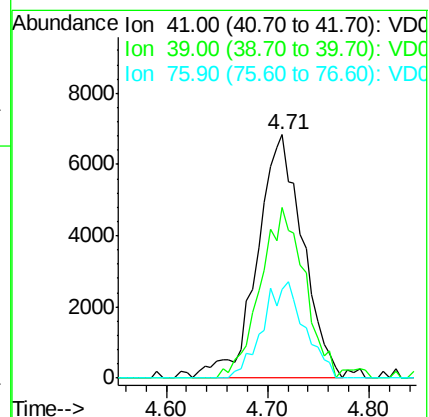
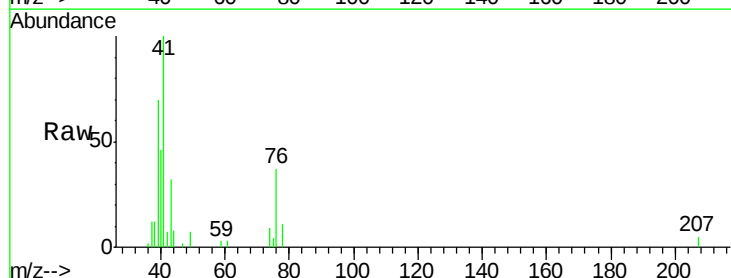
Tgt Ion: 41 Resp: 21422

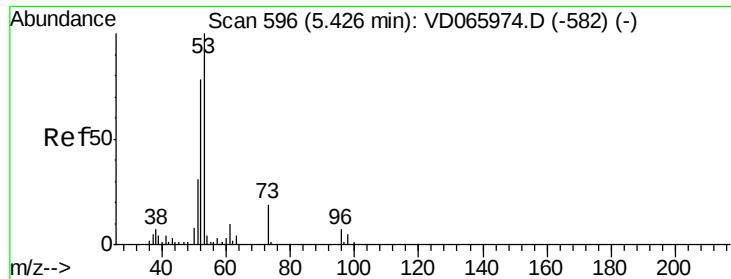
Ion Ratio Lower Upper

41 100

39 68.5 53.4 80.2

76 36.3 29.1 43.7





#15

Acrylonitrile

Concen: 24.733 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

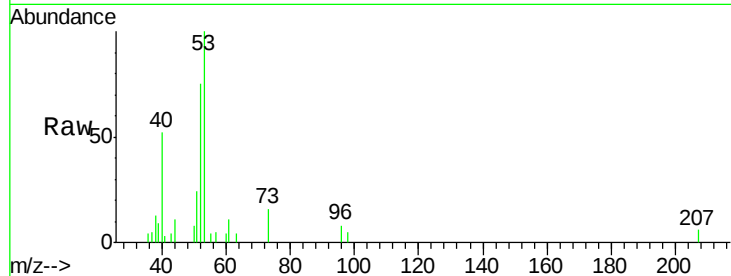
Tgt Ion: 53 Resp: 14456

Ion Ratio Lower Upper

53 100

52 79.4 67.1 100.7

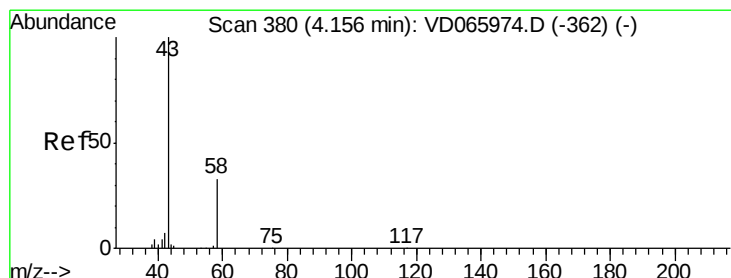
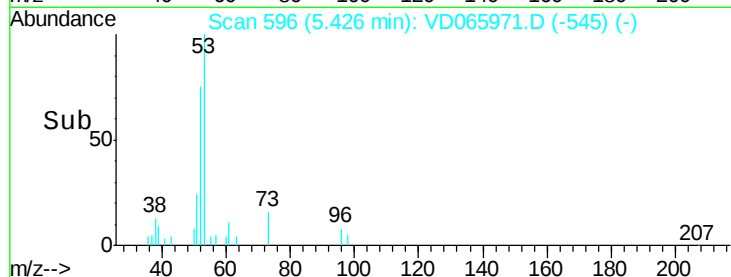
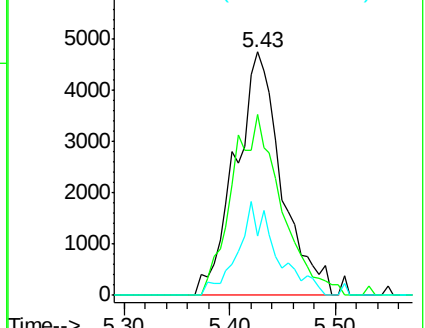
51 32.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 27.653 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065971.D

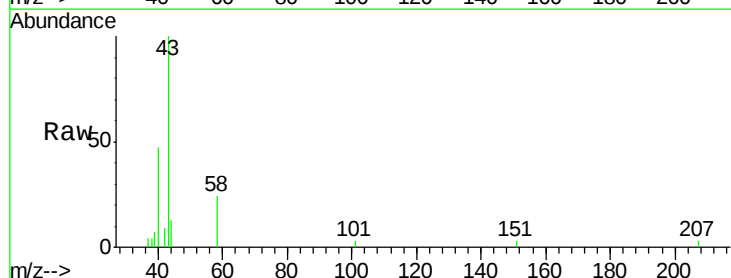
Acq: 21 Jul 2020 09:55

Tgt Ion: 43 Resp: 16291

Ion Ratio Lower Upper

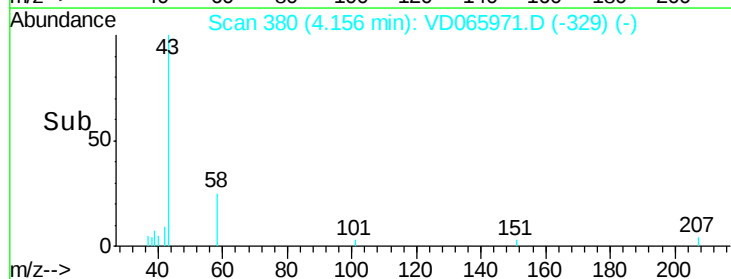
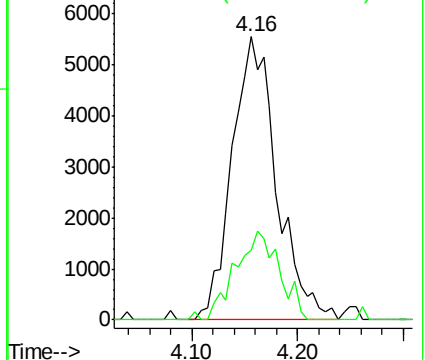
43 100

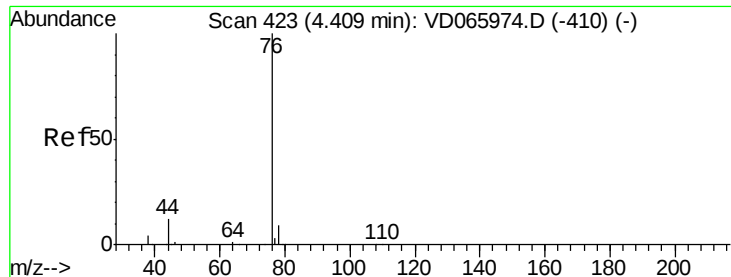
58 24.5 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 4.768 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

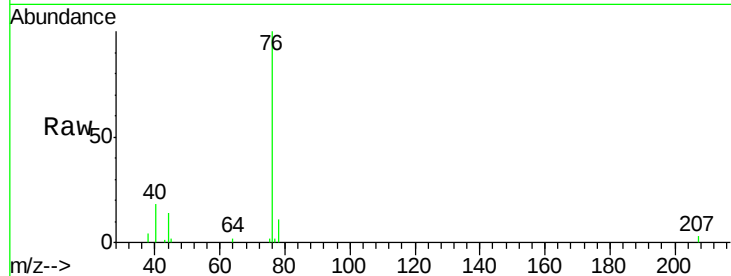
VSTDIC005

Tgt Ion: 76 Resp: 46378

Ion Ratio Lower Upper

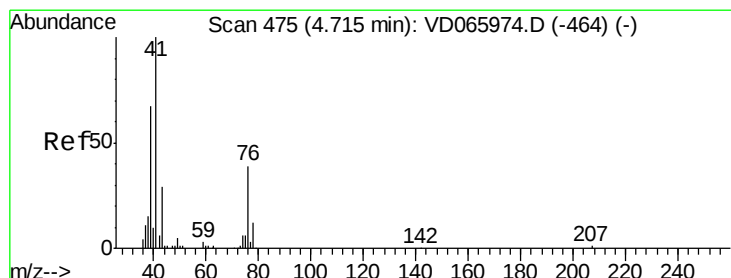
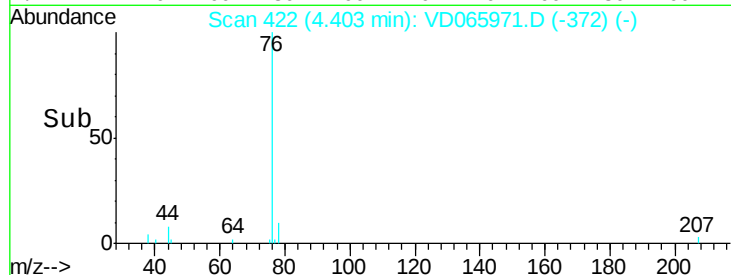
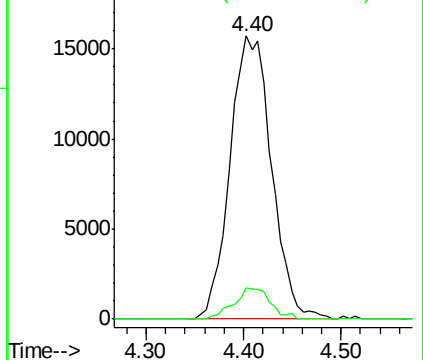
76 100

78 11.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 5.330 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065971.D

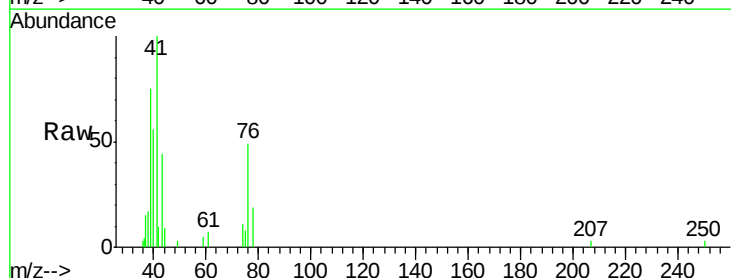
Acq: 21 Jul 2020 09:55

Tgt Ion: 43 Resp: 7224

Ion Ratio Lower Upper

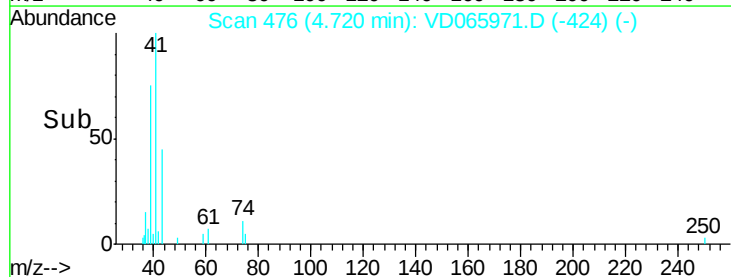
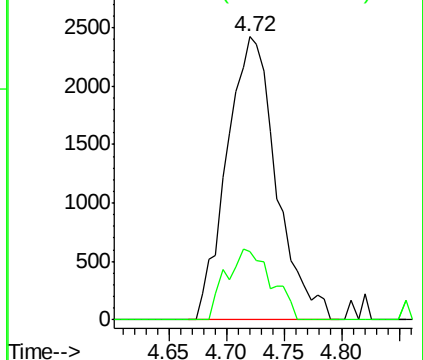
43 100

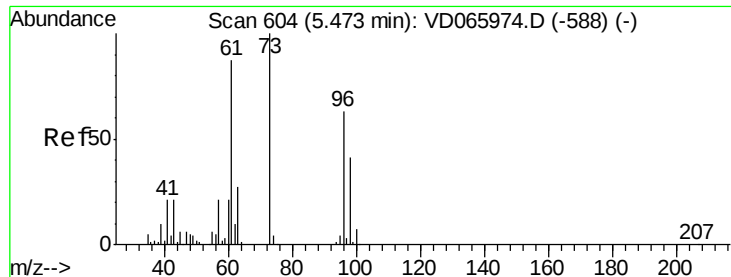
74 22.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

Methyl tert-butyl Ether

Concen: 4.754 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

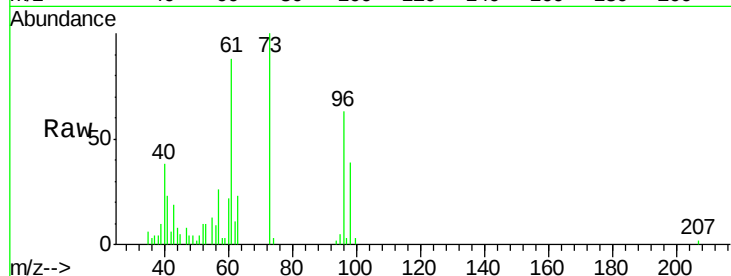
VSTDIC005

Tgt Ion: 73 Resp: 27772

Ion Ratio Lower Upper

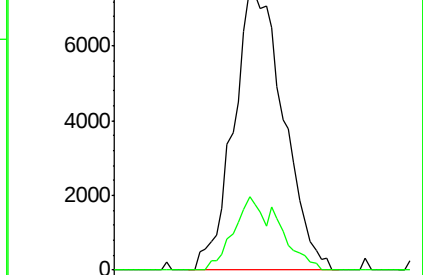
73 100

57 26.1 17.0 25.4#

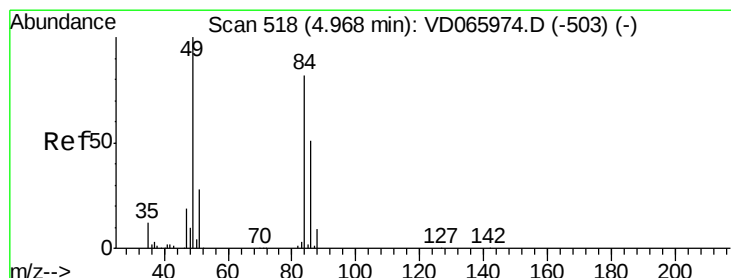
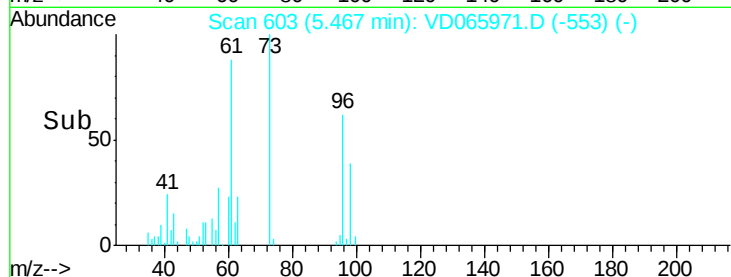


Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



Time-->



#20

Methylene Chloride

Concen: 6.191 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Tgt Ion: 84 Resp: 25163

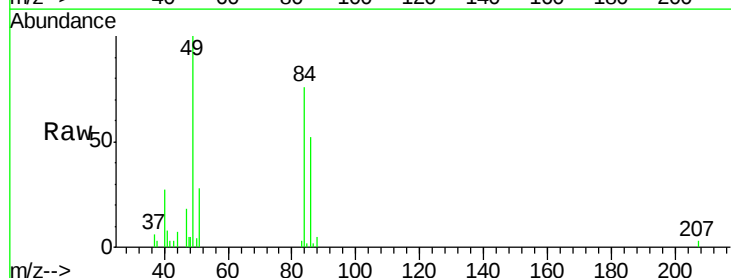
Ion Ratio Lower Upper

84 100

49 131.0 97.7 146.5

51 37.0 27.4 41.2

86 68.0 49.4 74.2

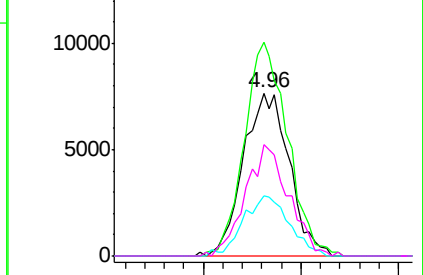


Abundance Ion 83.90 (83.60 to 84.60): VDC

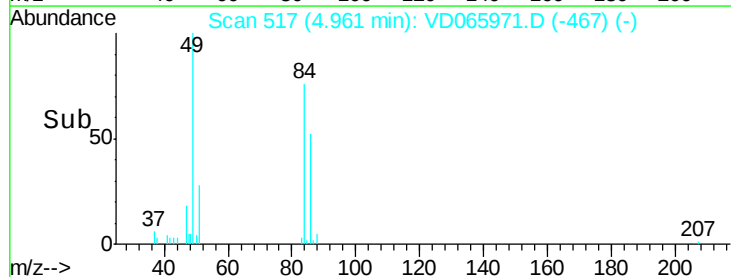
Ion 48.90 (48.60 to 49.60): VDC

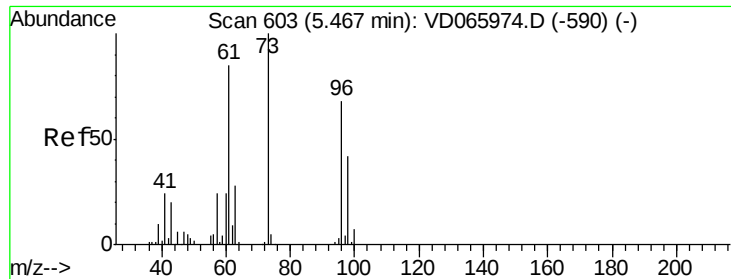
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



Time-->





#21

trans-1,2-Dichloroethene

Concen: 4.561 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

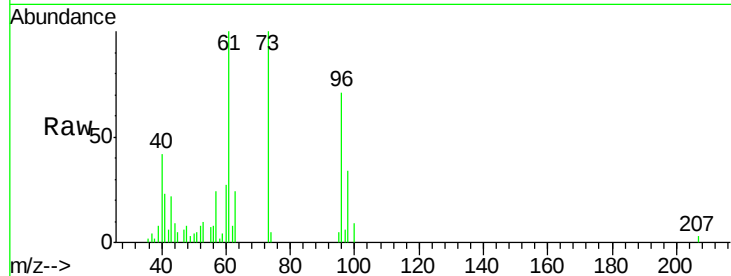
Tgt Ion: 96 Resp: 15343

Ion Ratio Lower Upper

96 100

61 141.7 100.5 150.7

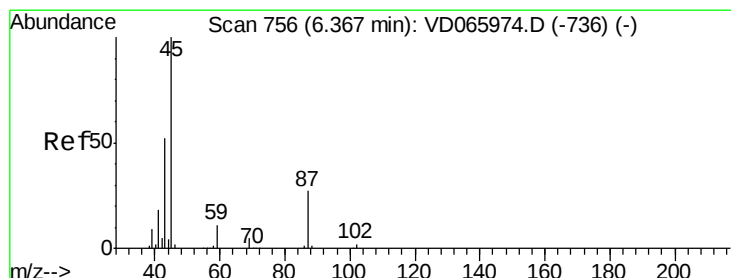
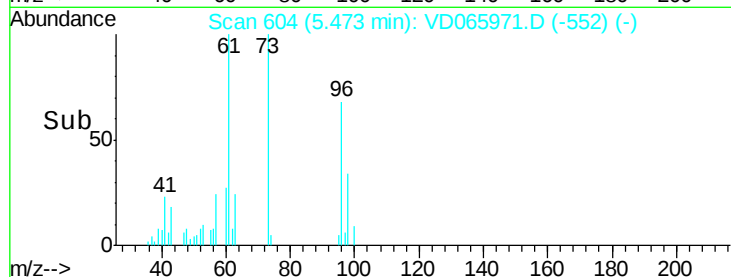
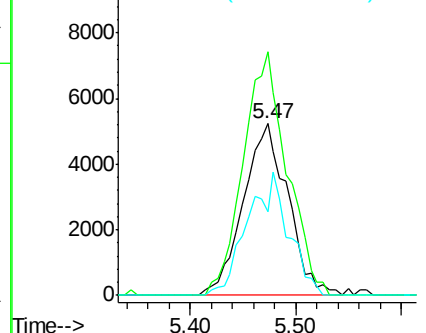
98 48.5 49.7 74.5#



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 4.520 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Tgt Ion: 45 Resp: 39115

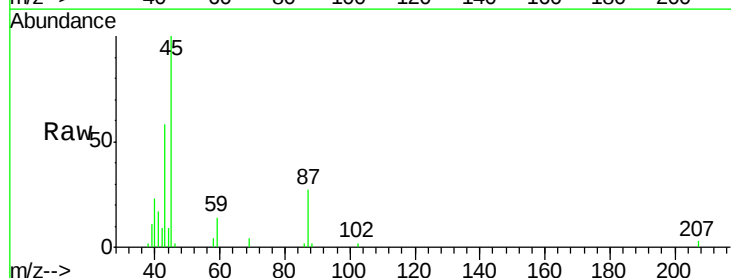
Ion Ratio Lower Upper

45 100

43 57.8 43.0 64.4

87 27.1 22.0 33.0

59 13.6 9.1 13.7

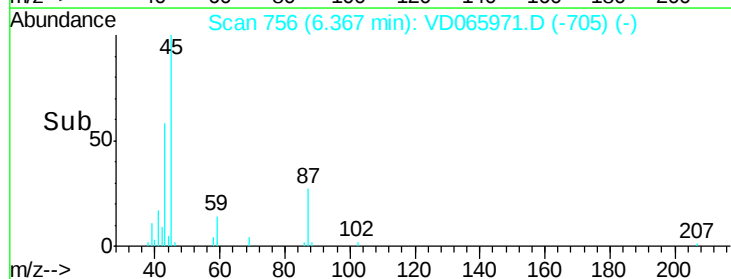
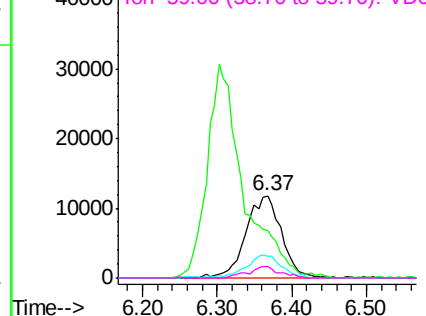


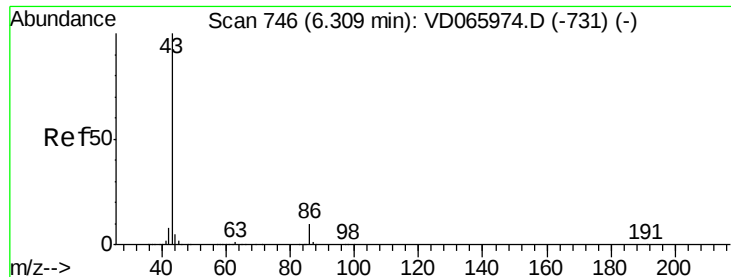
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 21.848 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

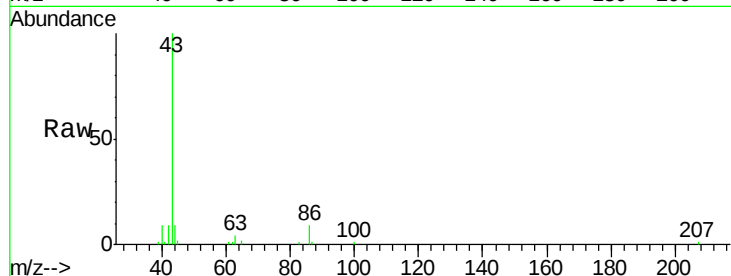
VSTDIC005

Tgt Ion: 43 Resp: 103755

Ion Ratio Lower Upper

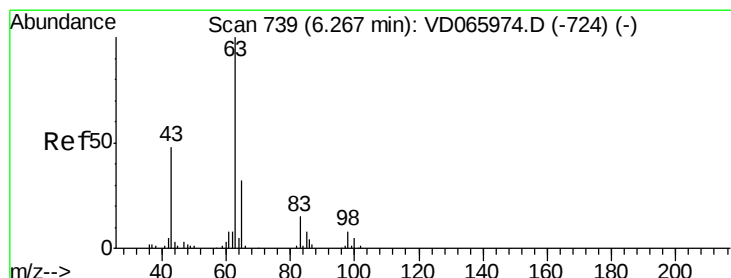
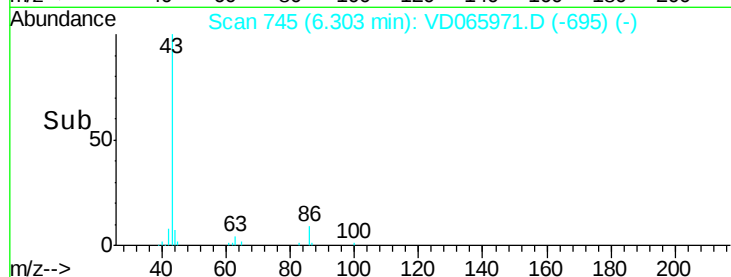
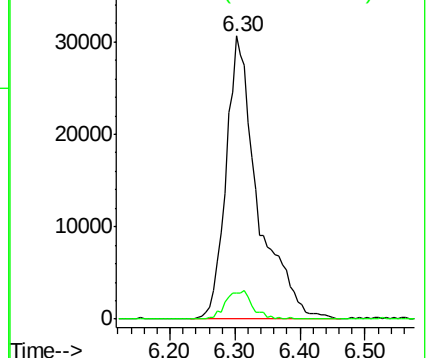
43 100

86 9.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 4.646 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

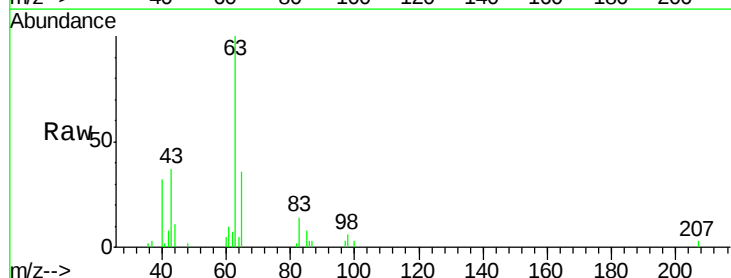
Tgt Ion: 63 Resp: 25148

Ion Ratio Lower Upper

63 100

98 6.0 4.3 12.8

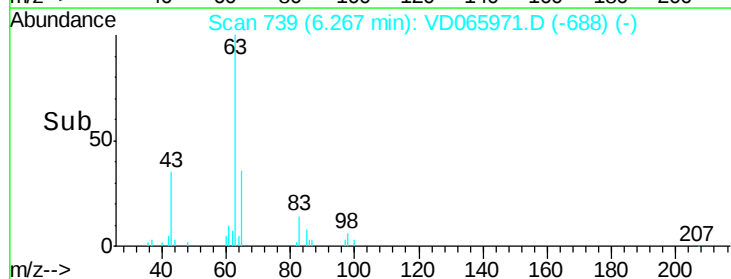
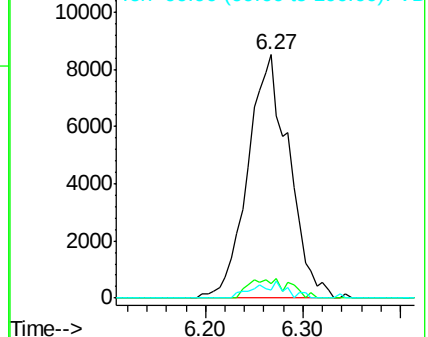
100 3.2 2.5 7.5

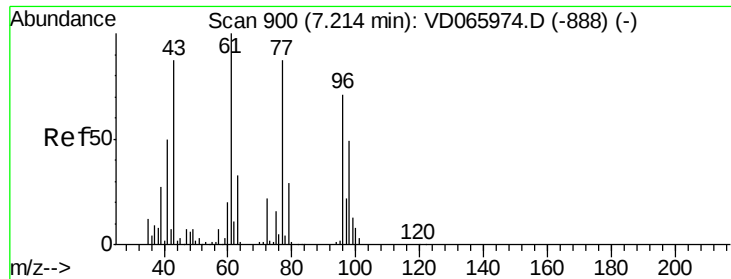


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 24.860 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

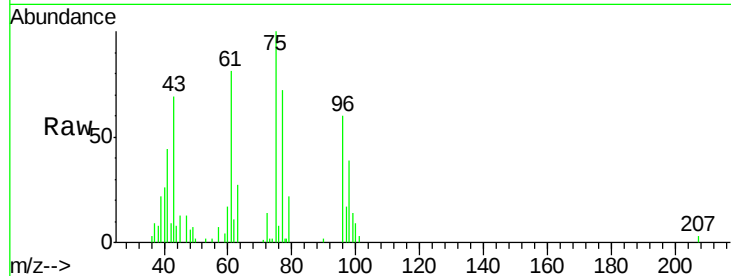
VSTDIC005

Tgt Ion: 43 Resp: 19311

Ion Ratio Lower Upper

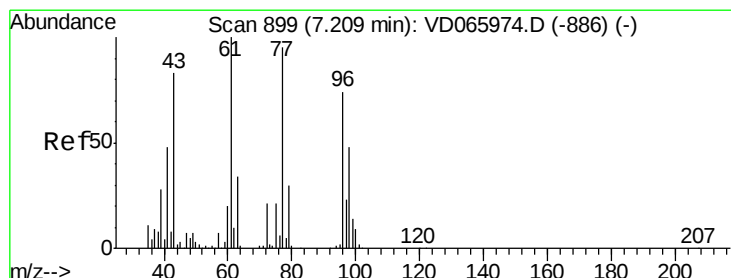
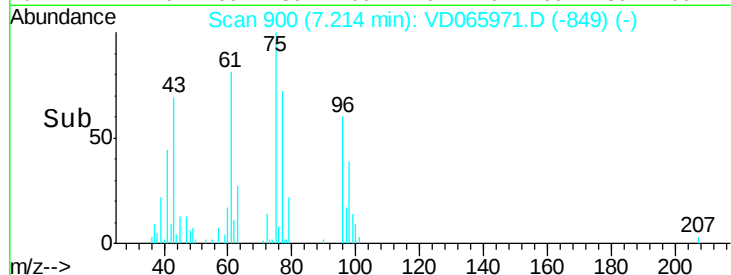
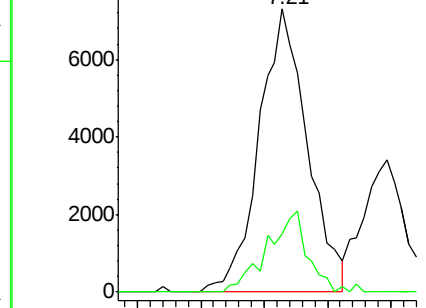
43 100

72 20.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 4.701 ug/l

RT: 7.20 min Scan# 897

Delta R.T. -0.01 min

Lab File: VD065971.D

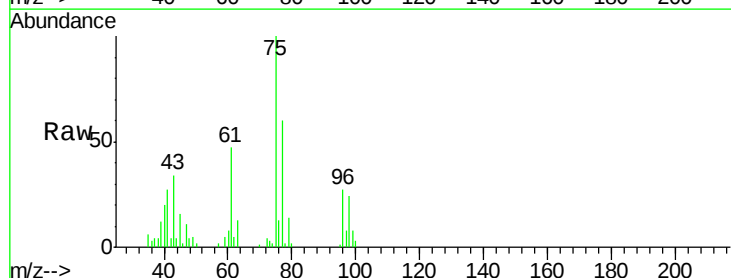
Acq: 21 Jul 2020 09:55

Tgt Ion: 77 Resp: 23358

Ion Ratio Lower Upper

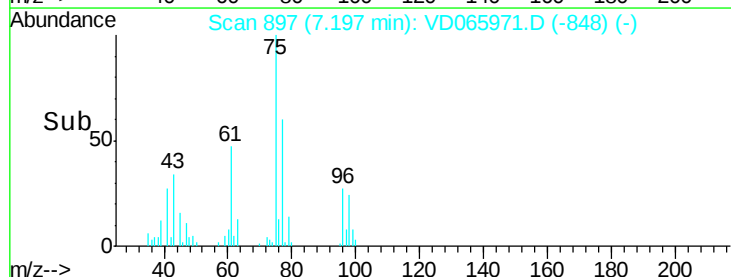
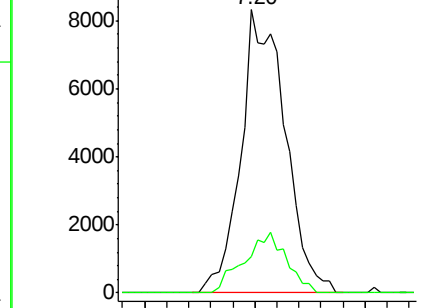
77 100

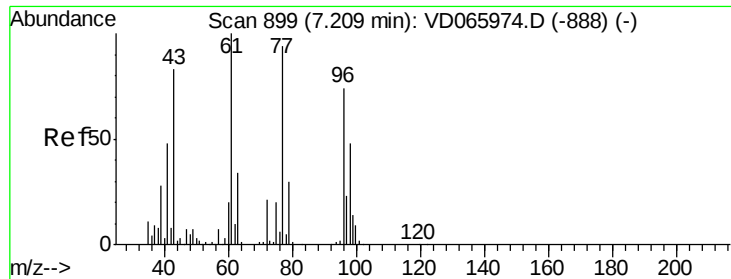
97 20.5 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

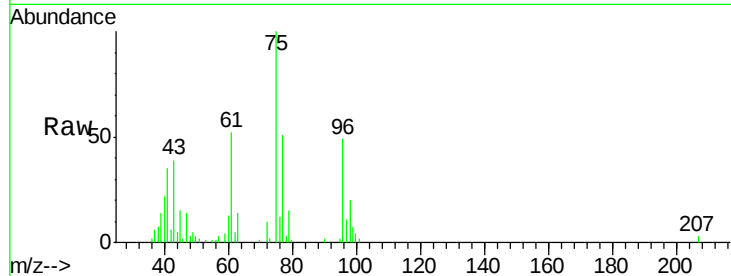




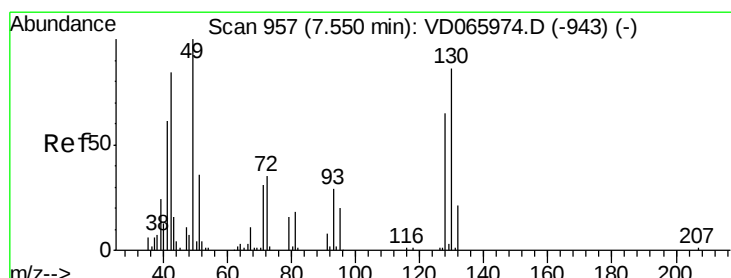
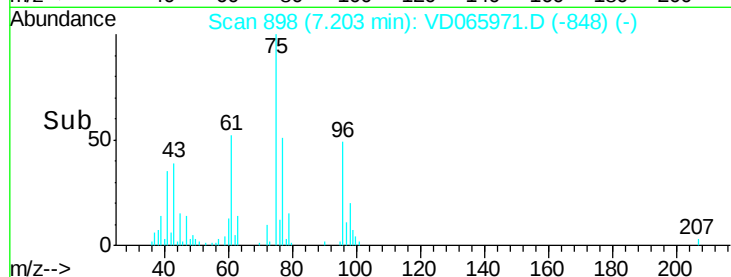
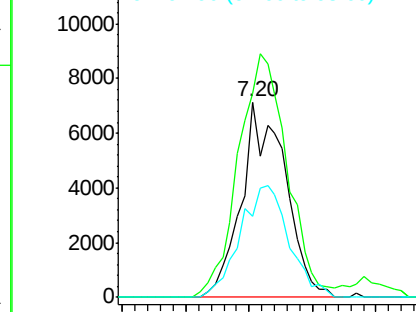
#27
 cis-1,2-Dichloroethene
 Concen: 4.851 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 17097
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 276.6
 98 64.0 0.0 130.8

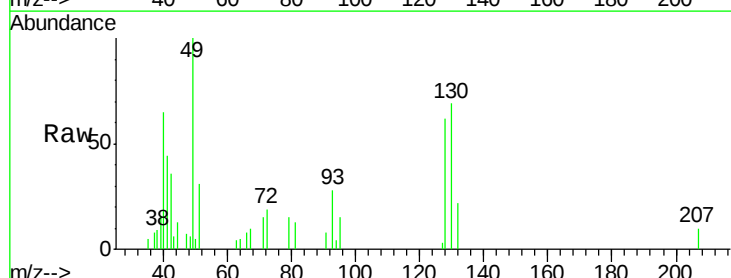


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC

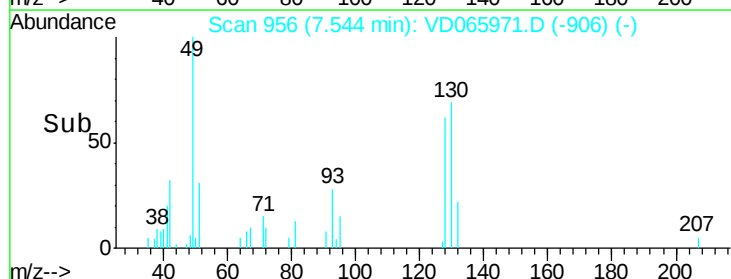
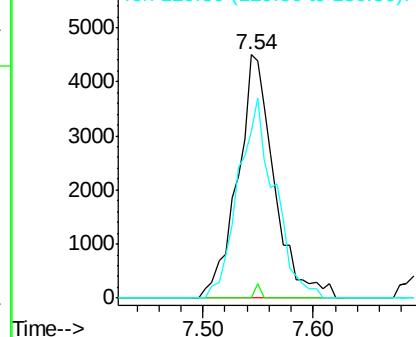


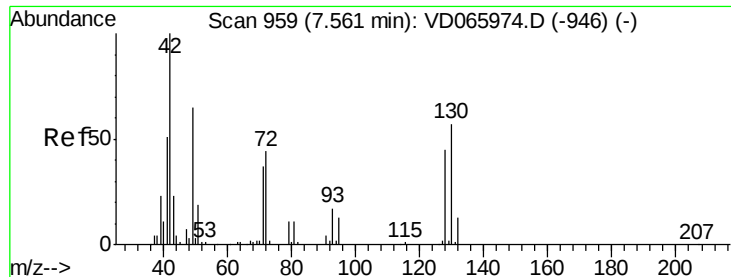
#28
 Bromochloromethane
 Concen: 4.661 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Tgt Ion: 49 Resp: 10418
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.8
 130 82.1 68.4 102.6



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

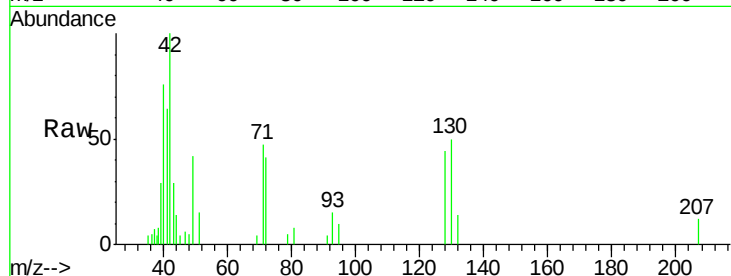




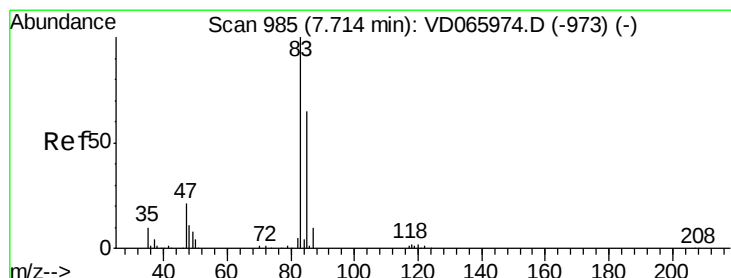
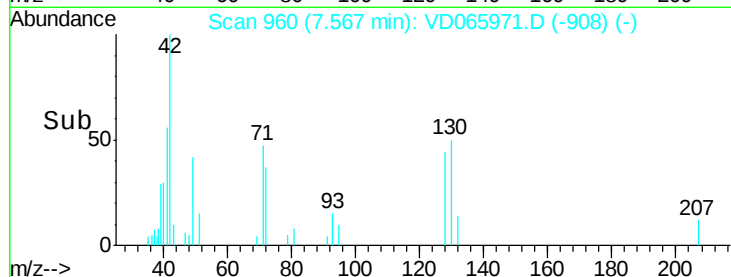
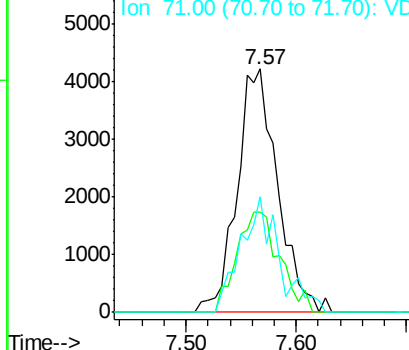
#29
Tetrahydrofuran
Concen: 22.928 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 10867
Ion Ratio Lower Upper
42 100
72 43.4 34.2 51.2
71 40.1 31.4 47.2

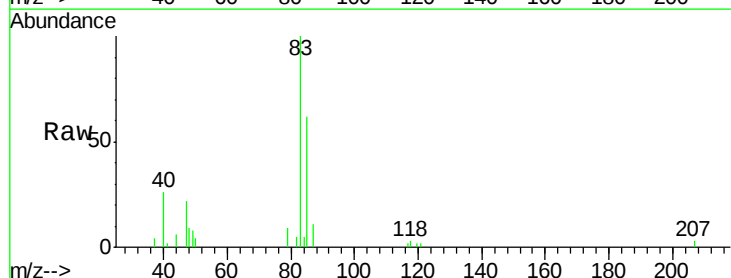


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

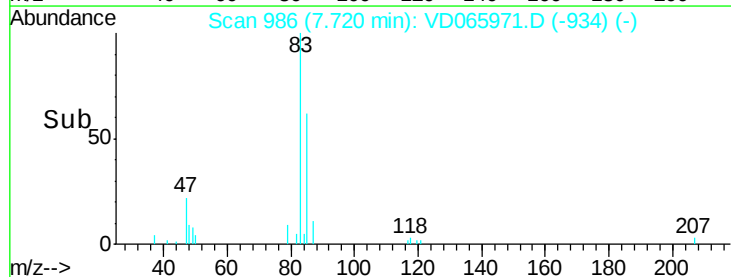
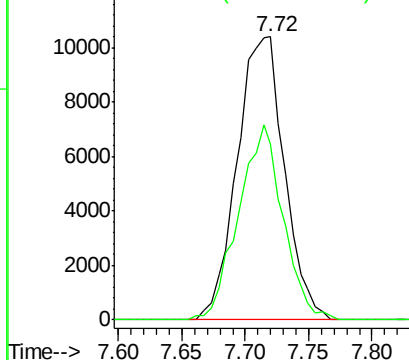


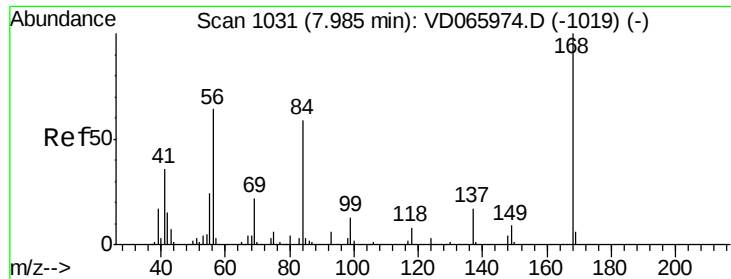
#30
Chloroform
Concen: 4.803 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Tgt Ion: 83 Resp: 26967
Ion Ratio Lower Upper
83 100
85 61.9 52.1 78.1



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

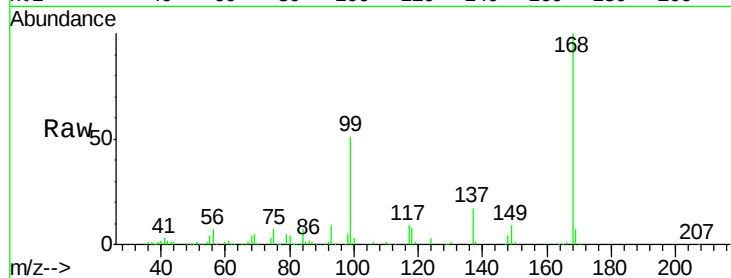




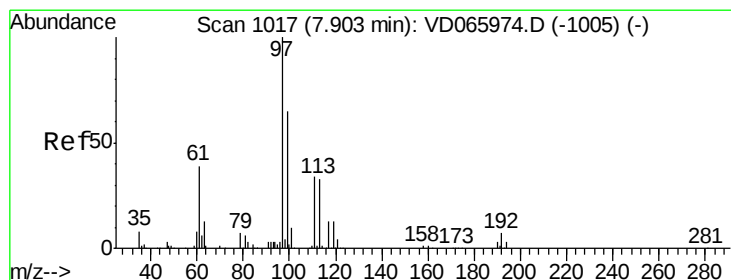
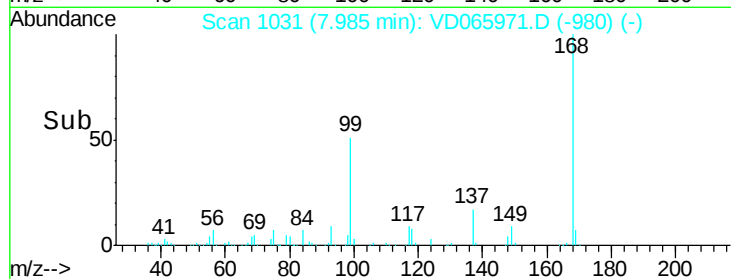
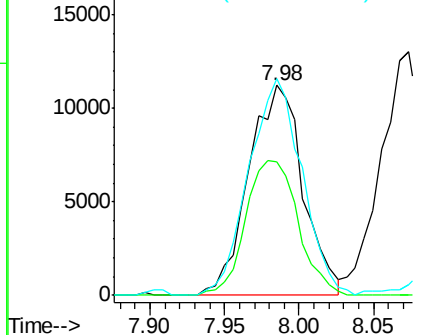
#31
Cyclohexane
Concen: 5.234 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 28436
Ion Ratio Lower Upper
56 100
69 63.3 28.0 42.0#
84 103.1 72.6 109.0

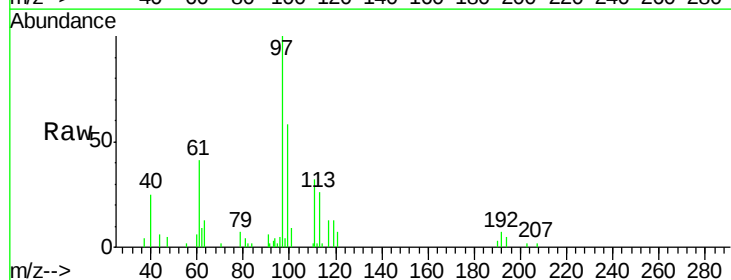


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

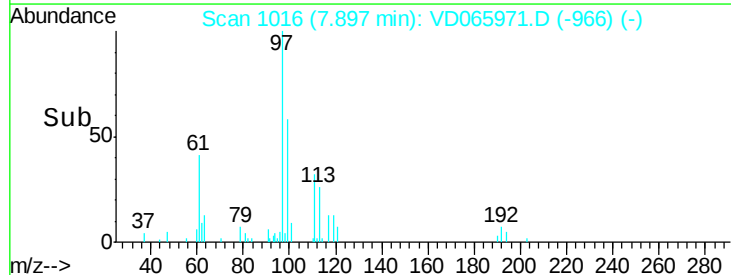
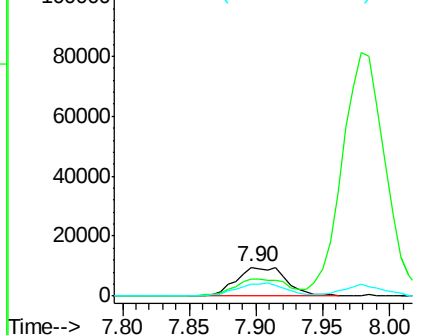


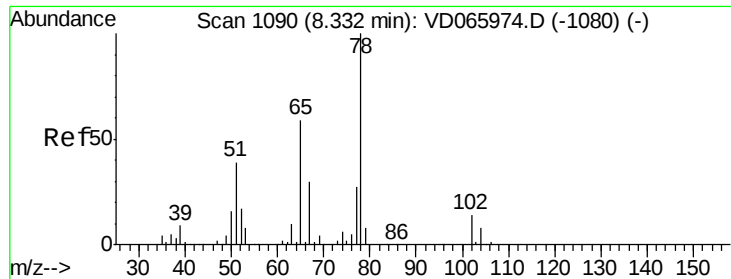
#32
1,1,1-Trichloroethane
Concen: 4.757 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Tgt Ion: 97 Resp: 24990
Ion Ratio Lower Upper
97 100
99 65.7 51.8 77.6
61 44.5 33.3 49.9



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

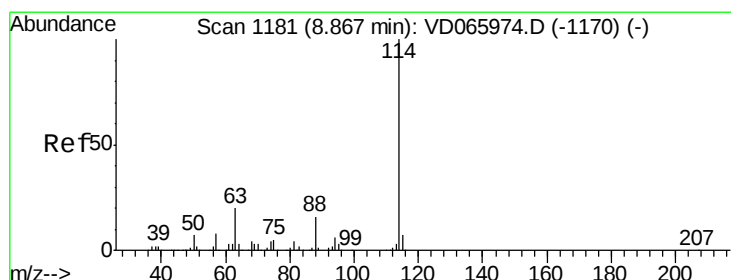
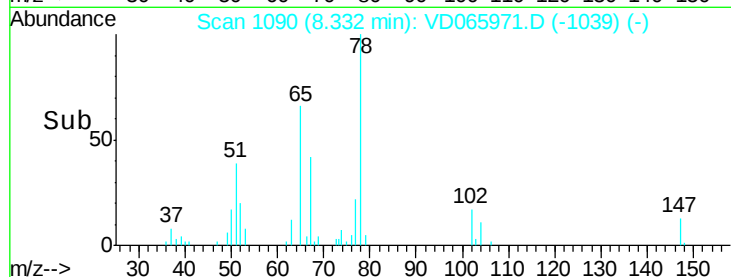
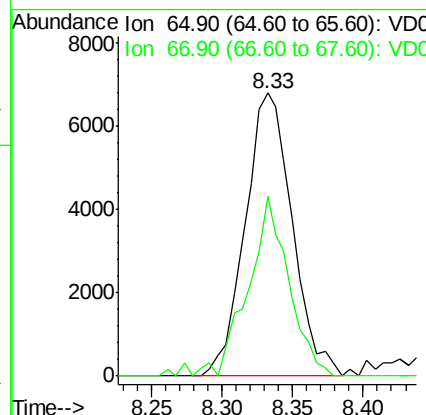
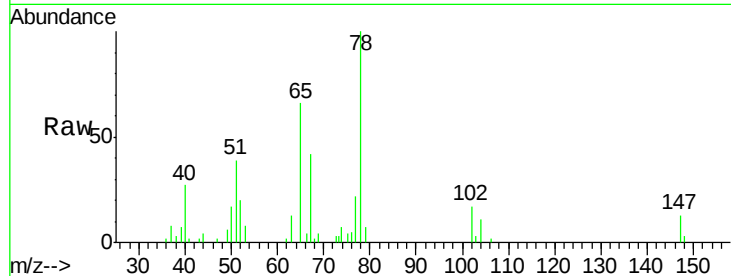




#33
 1,2-Dichloroethane-d4
 Concen: 5.419 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

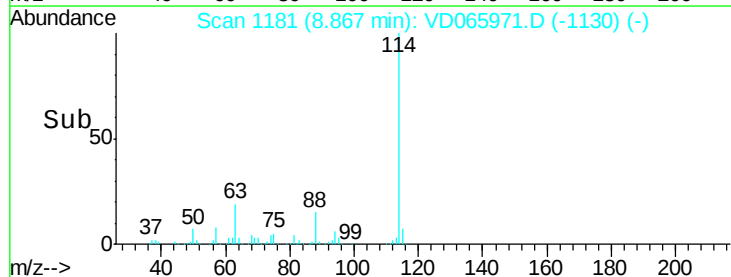
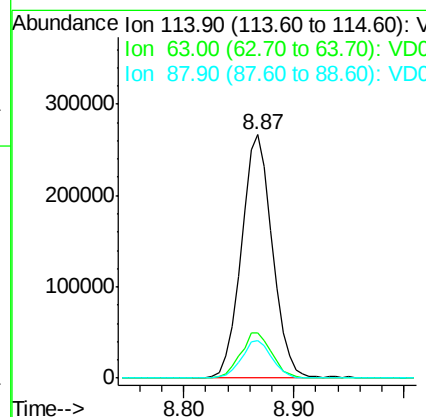
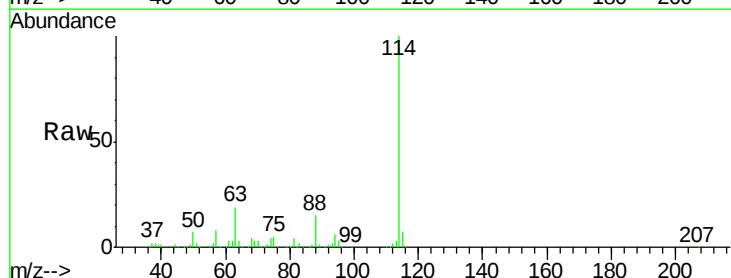
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 65 Resp: 15818
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Tgt Ion: 114 Resp: 526450
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.6
 88 15.4 0.0 31.2

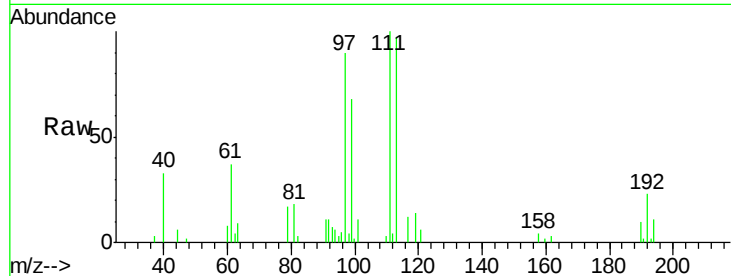




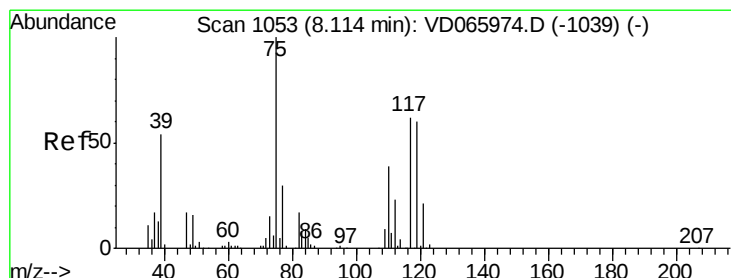
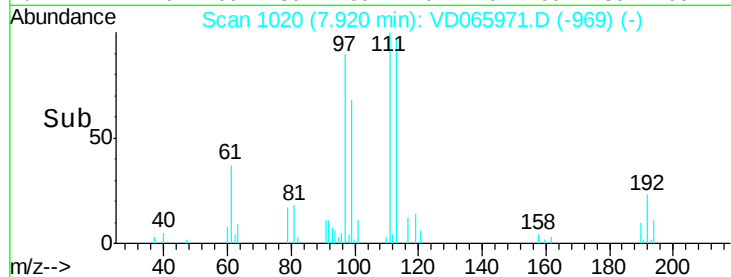
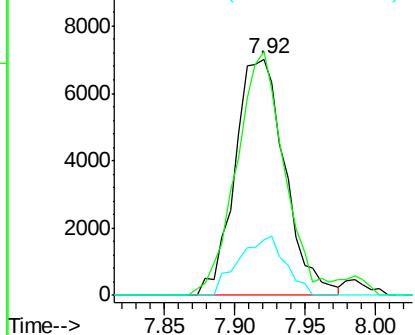
#35
 Dibromofluoromethane
 Concen: 5.504 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 17410
 Ion Ratio Lower Upper
 113 100
 111 98.4 83.2 124.8
 192 23.2 18.7 28.1

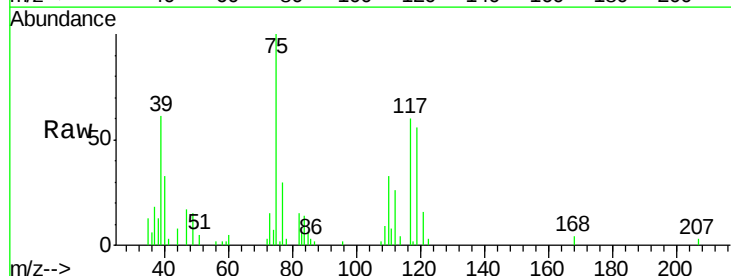


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

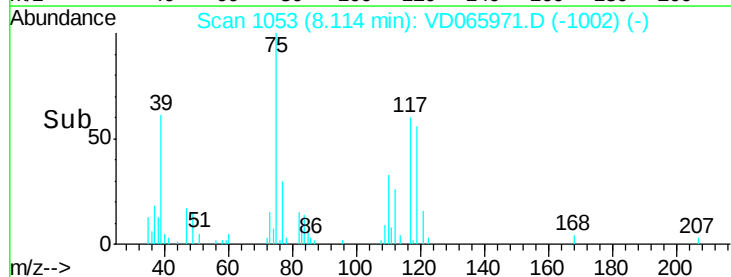
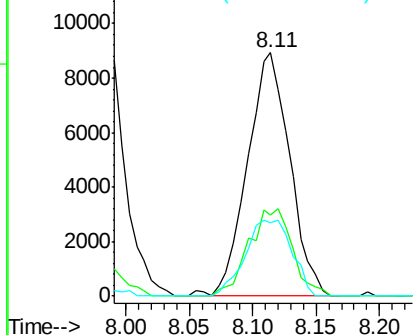


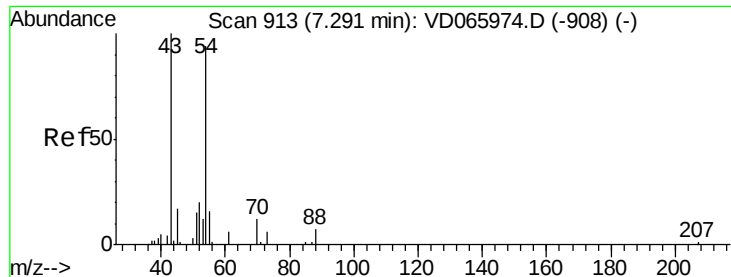
#36
 1,1-Dichloropropene
 Concen: 4.550 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Tgt Ion: 75 Resp: 20801
 Ion Ratio Lower Upper
 75 100
 110 37.1 19.5 58.5
 77 34.4 24.7 37.1



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

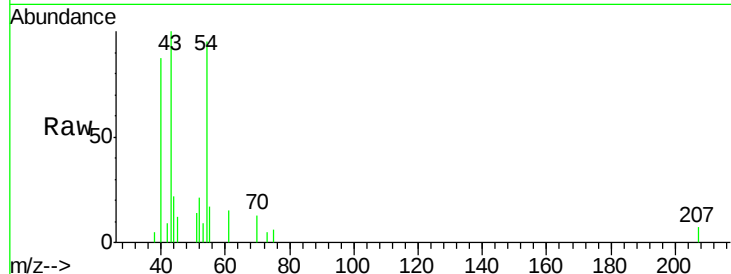




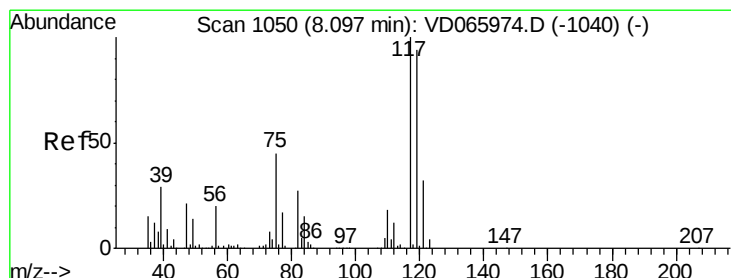
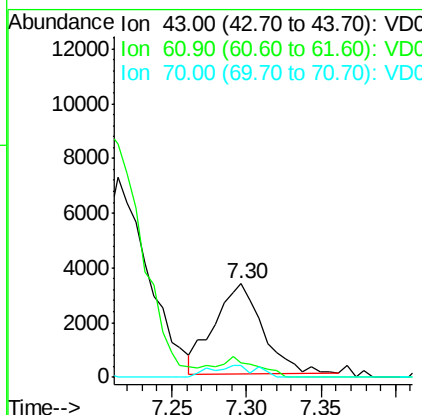
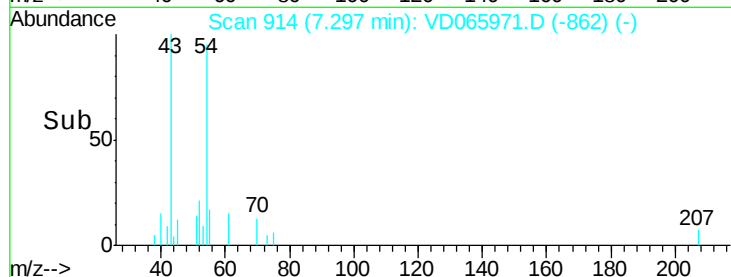
#37
 Ethyl Acetate
 Concen: 4.261 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 7472
 Ion Ratio Lower Upper
 43 100
 61 14.8 11.4 17.0
 70 12.4 9.3 13.9

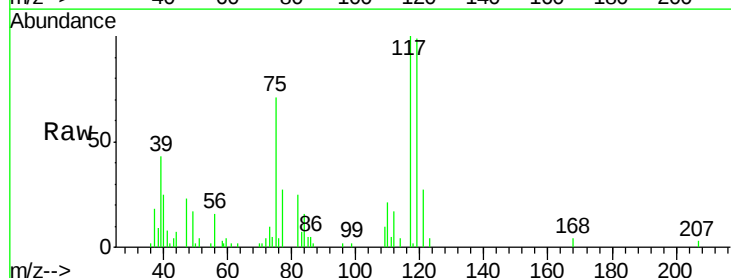


Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 70.00 (69.70 to 70.70): VDC

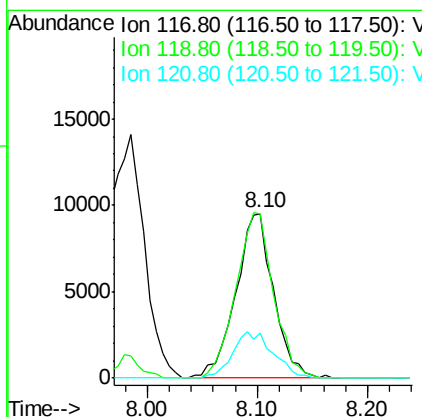
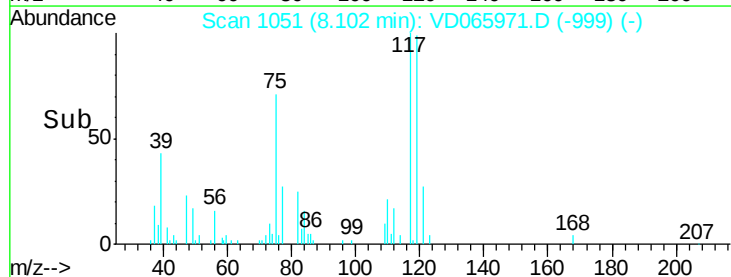


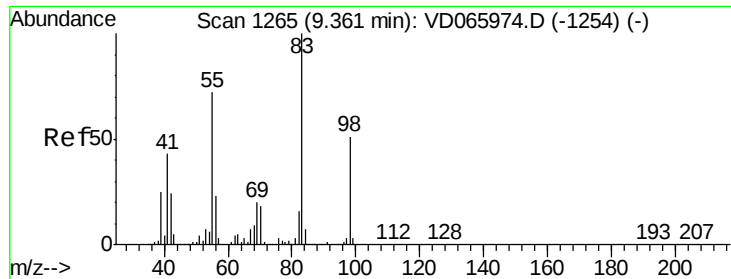
#38
 Carbon Tetrachloride
 Concen: 4.714 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Tgt Ion: 117 Resp: 22859
 Ion Ratio Lower Upper
 117 100
 119 99.5 75.0 112.6
 121 27.5 25.5 38.3



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

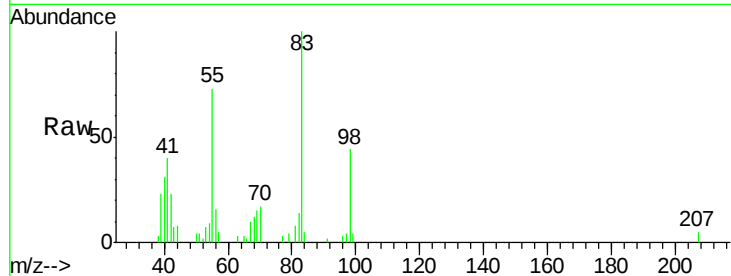




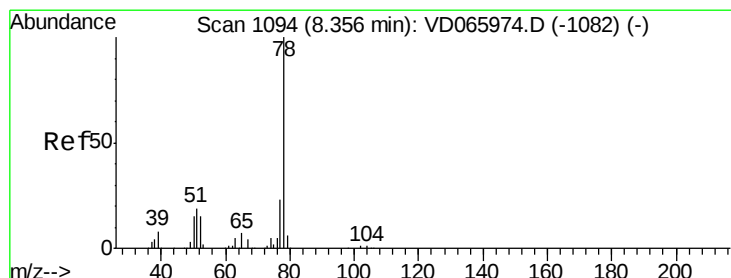
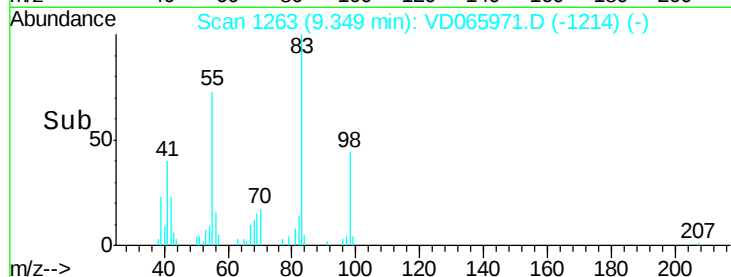
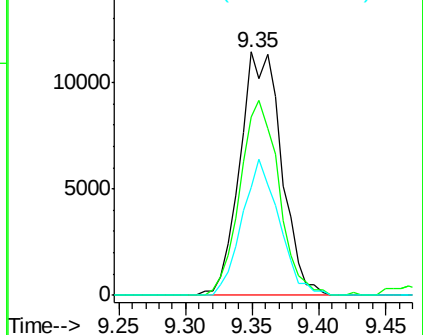
#39
Methylcyclohexane
Concen: 4.552 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 24647
Ion Ratio Lower Upper
83 100
55 73.2 57.3 85.9
98 44.4 41.0 61.6

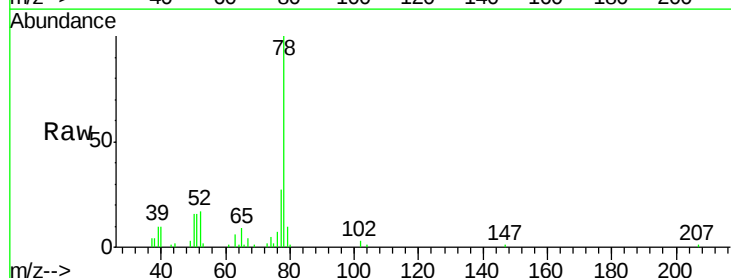


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

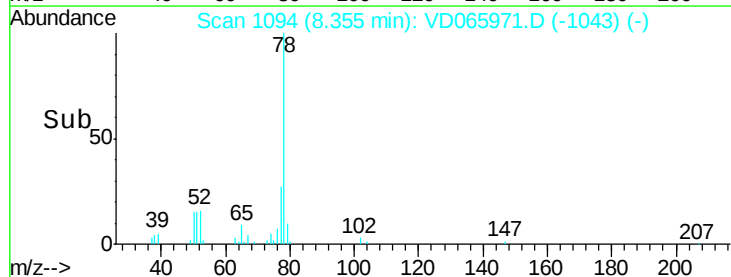
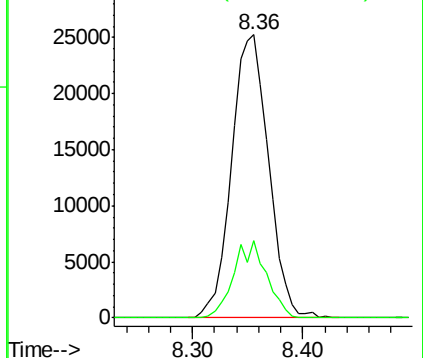


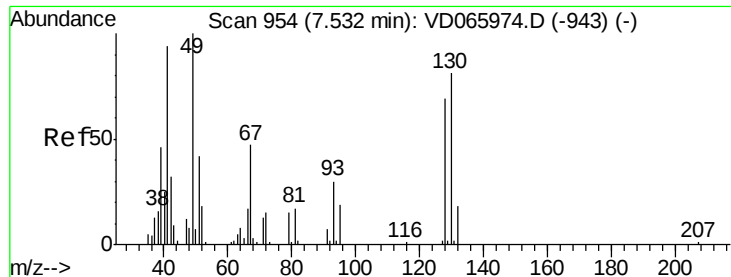
#40
Benzene
Concen: 4.677 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Tgt Ion: 78 Resp: 59301
Ion Ratio Lower Upper
78 100
77 27.4 18.6 27.8



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





#41

Methacrylonitrile

Concen: 8.764 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.04 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 11490

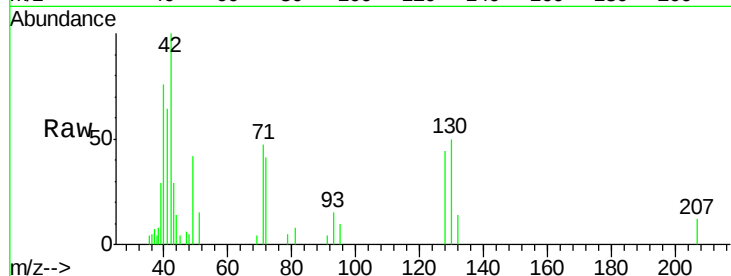
Ion Ratio Lower Upper

41 100

39 28.3 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

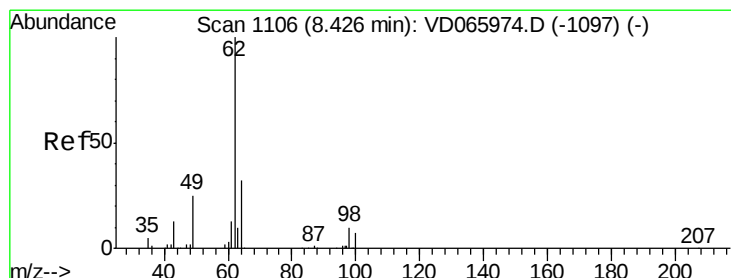
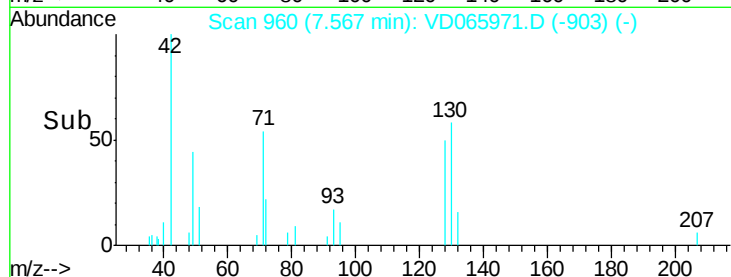
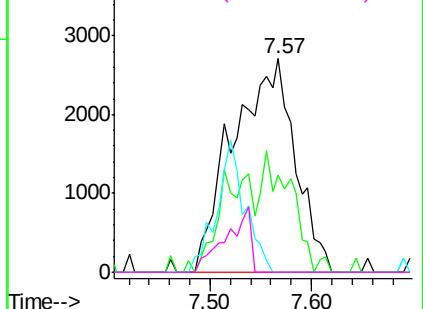


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 4.632 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD065971.D

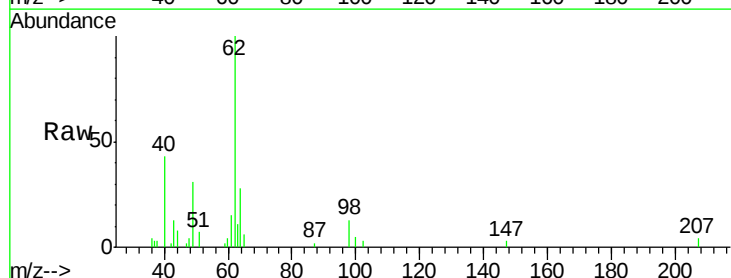
Acq: 21 Jul 2020 09:55

Tgt Ion: 62 Resp: 16143

Ion Ratio Lower Upper

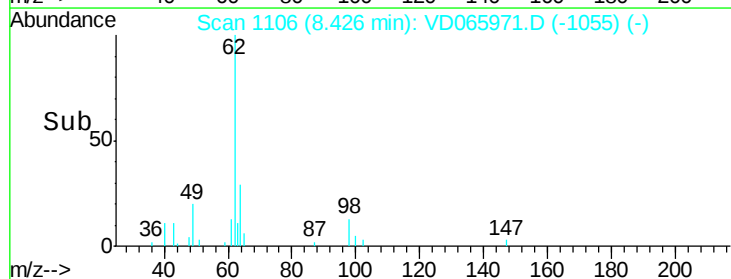
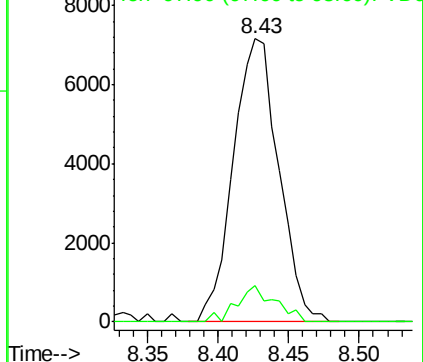
62 100

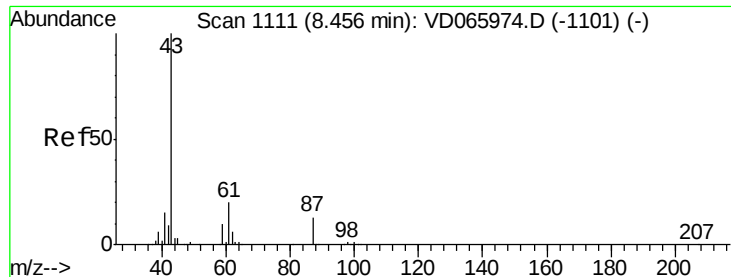
98 10.7 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 4.792 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

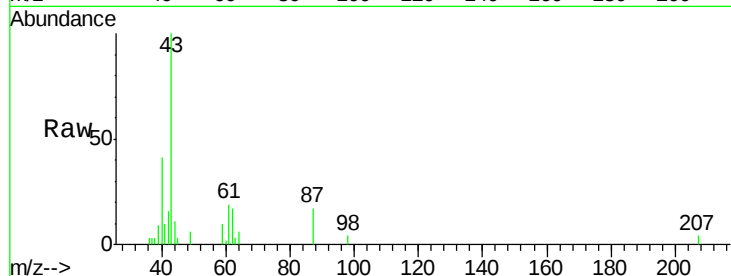
Tgt Ion: 43 Resp: 15468

Ion Ratio Lower Upper

43 100

61 29.6 25.8 38.8

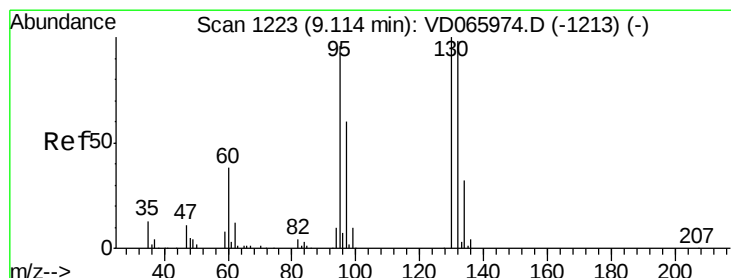
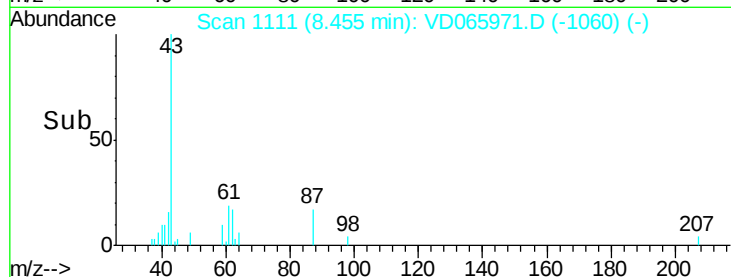
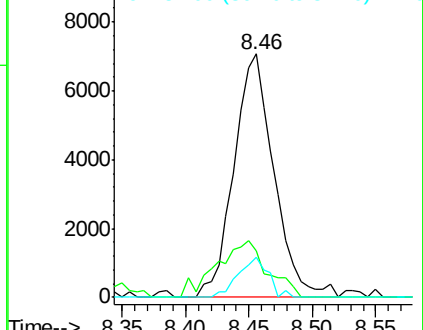
87 12.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 4.801 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD065971.D

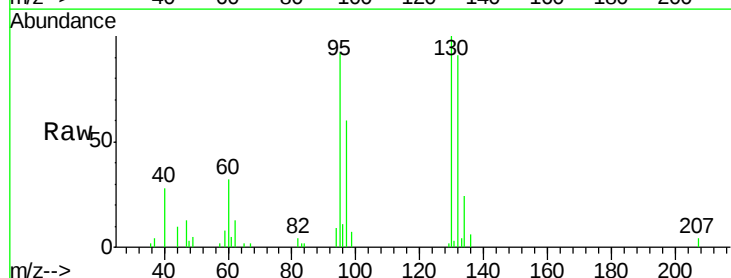
Acq: 21 Jul 2020 09:55

Tgt Ion: 130 Resp: 18314

Ion Ratio Lower Upper

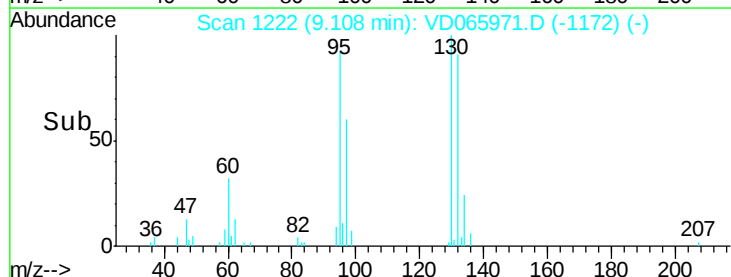
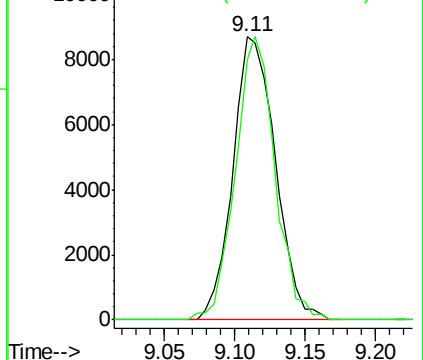
130 100

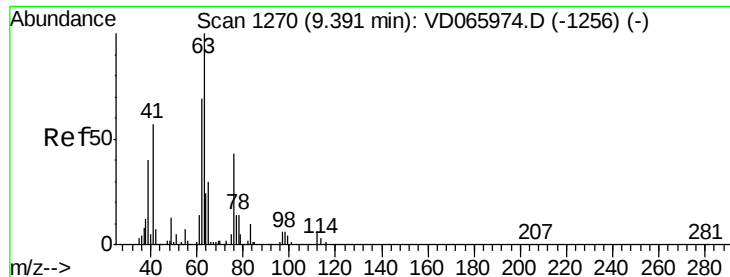
95 91.9 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 4.684 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

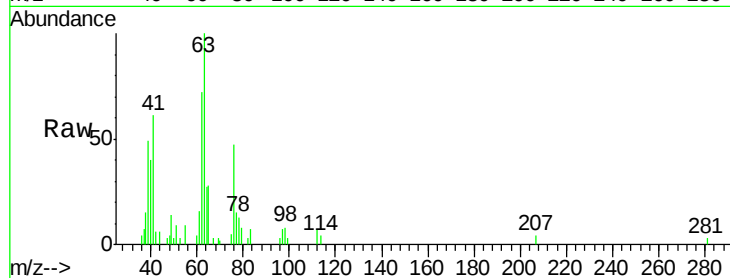
VSTDIC005

Tgt Ion: 63 Resp: 14244

Ion Ratio Lower Upper

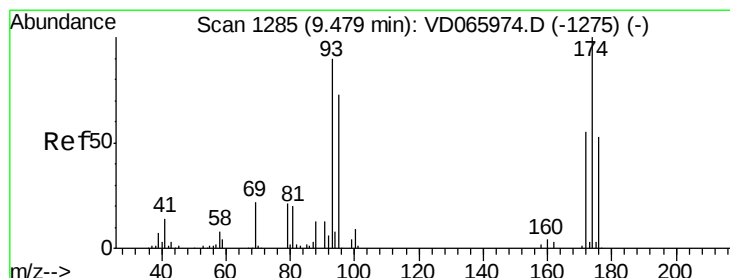
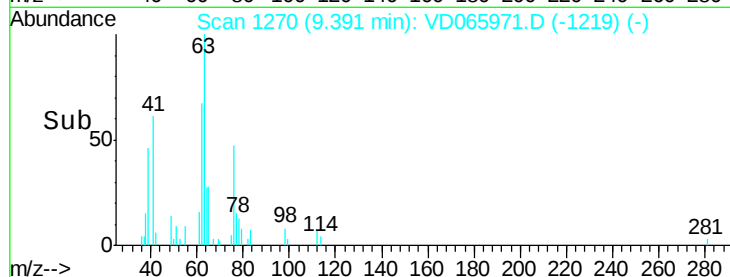
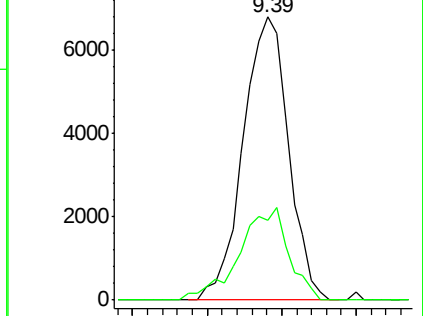
63 100

65 28.2 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 4.457 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

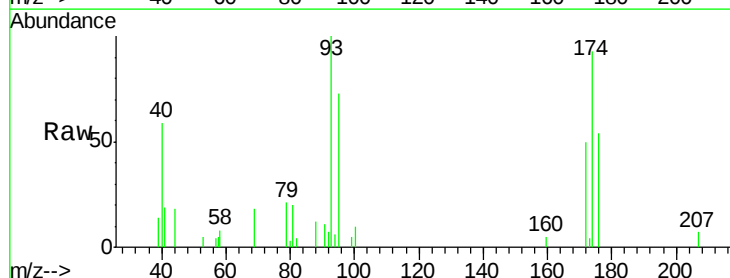
Tgt Ion: 93 Resp: 7417

Ion Ratio Lower Upper

93 100

95 87.2 66.2 99.4

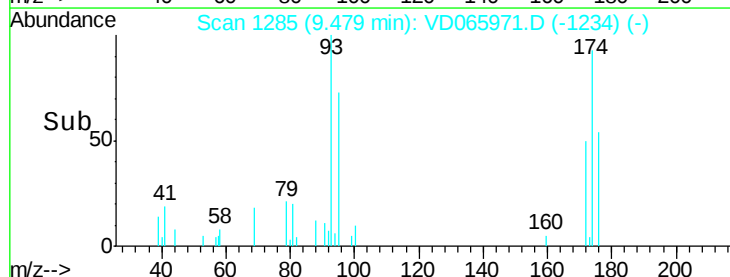
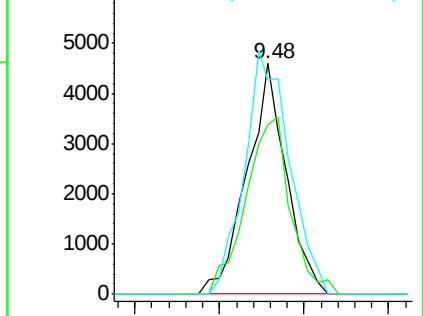
174 121.2 91.5 137.3

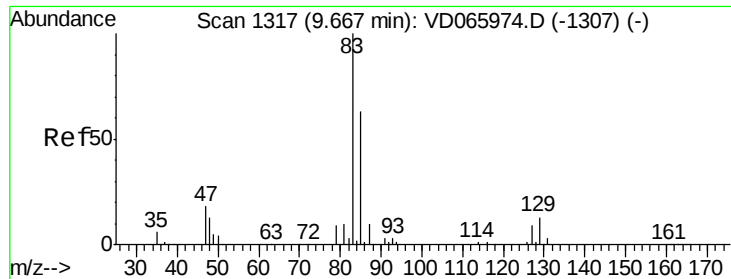


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 4.616 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

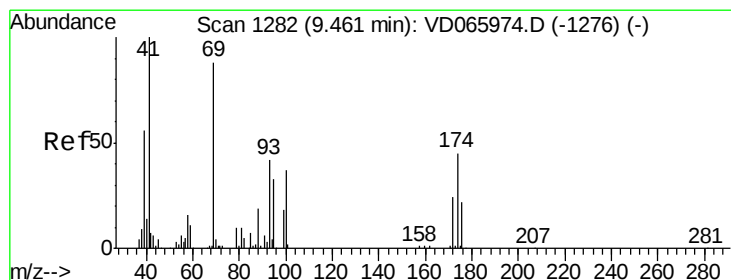
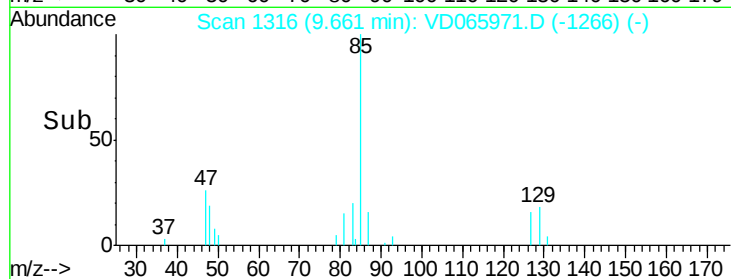
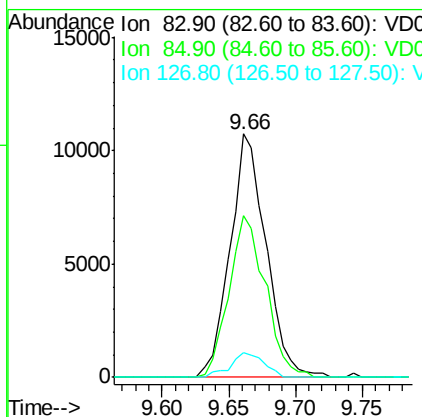
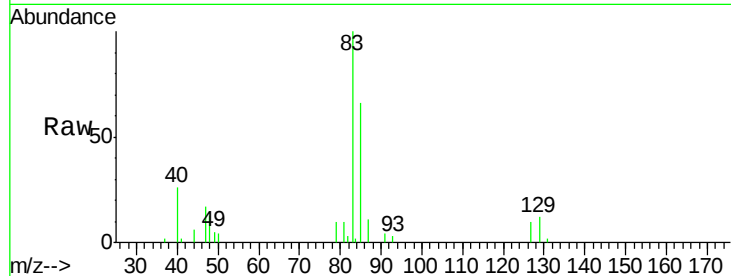
Tgt Ion: 83 Resp: 20133

Ion Ratio Lower Upper

83 100

85 66.3 50.6 75.8

127 10.4 7.1 10.7



#48

Methyl methacrylate

Concen: 4.445 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

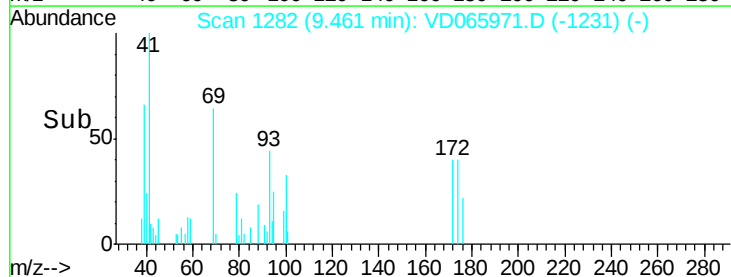
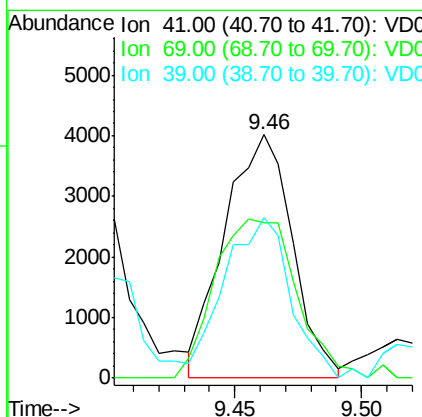
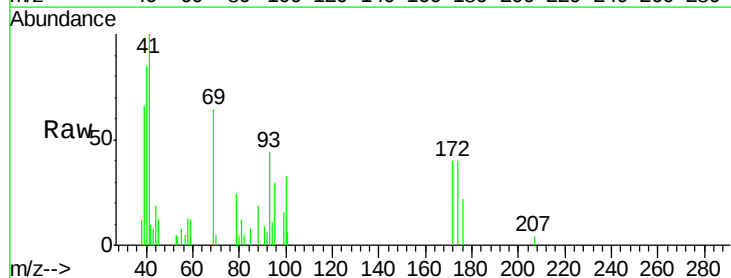
Tgt Ion: 41 Resp: 7473

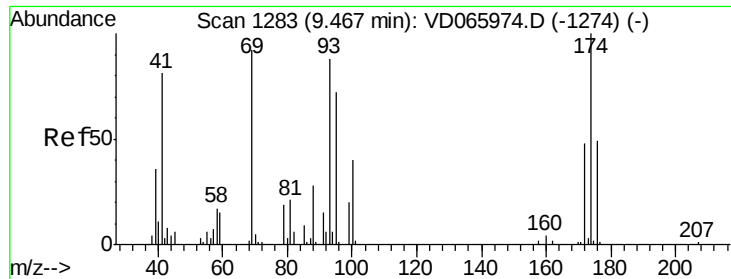
Ion Ratio Lower Upper

41 100

69 78.7 65.1 97.7

39 64.8 41.5 62.3#

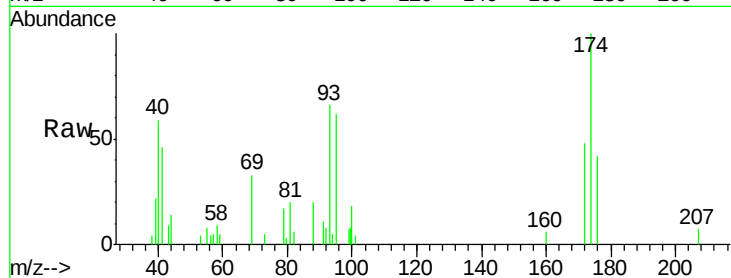




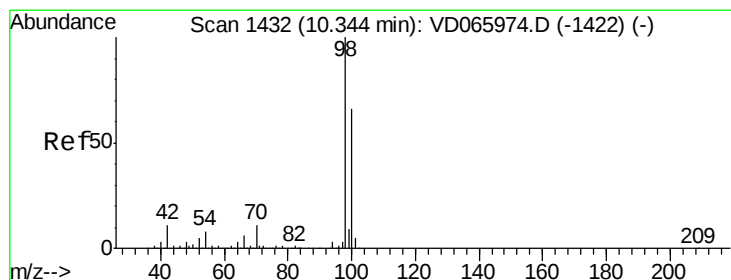
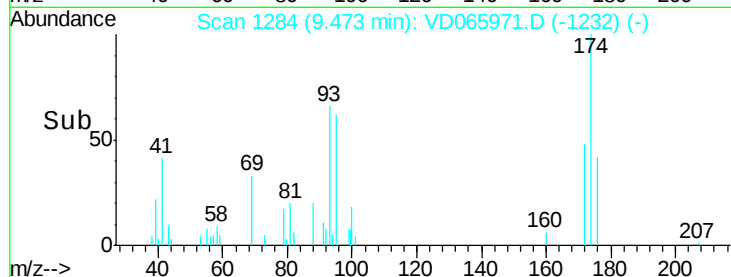
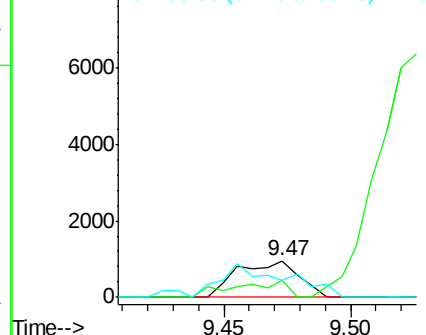
#49
1,4-Dioxane
Concen: 88.331 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 1625
Ion Ratio Lower Upper
88 100
43 38.3 29.0 43.6
58 104.6 57.0 85.4#

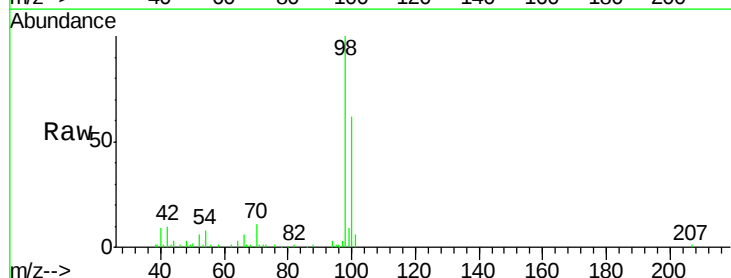


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

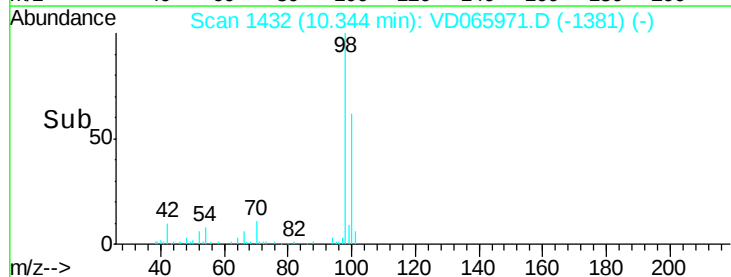
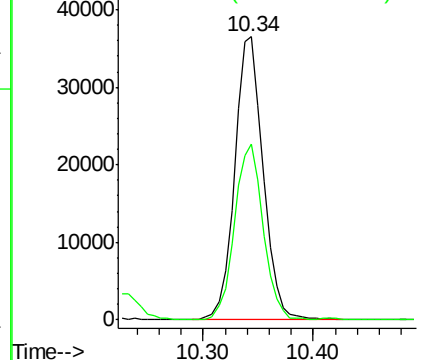


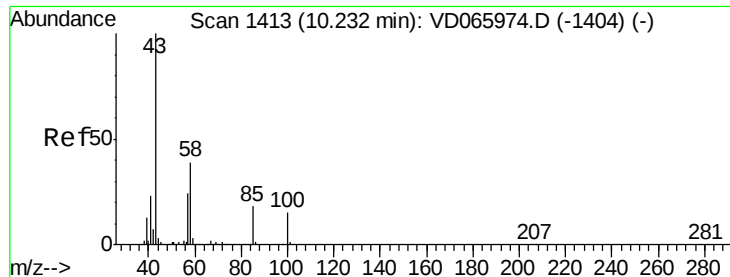
#50
Toluene-d8
Concen: 5.595 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Tgt Ion: 98 Resp: 65928
Ion Ratio Lower Upper
98 100
100 62.5 52.7 79.1



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

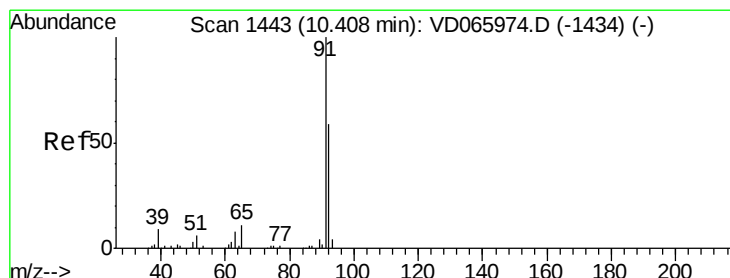
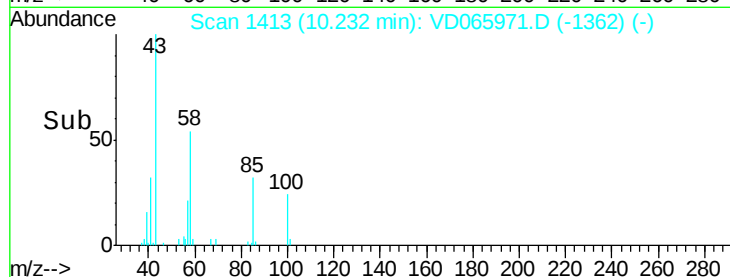
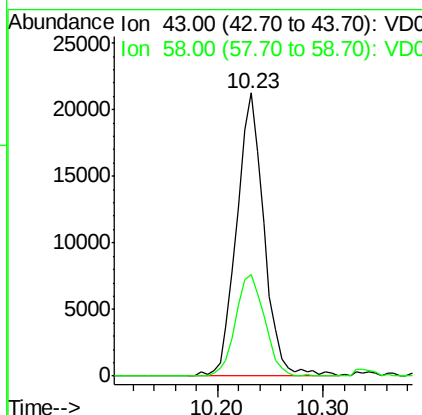
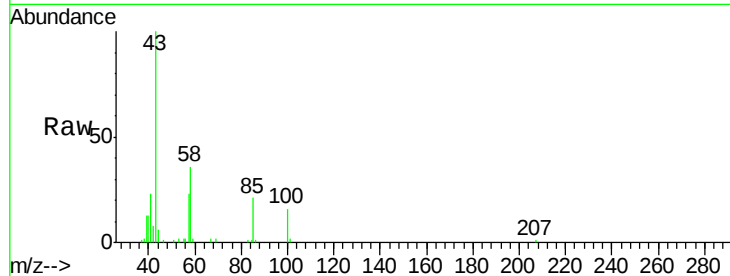




#51
4-Methyl-2-Pentanone
Concen: 23.087 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

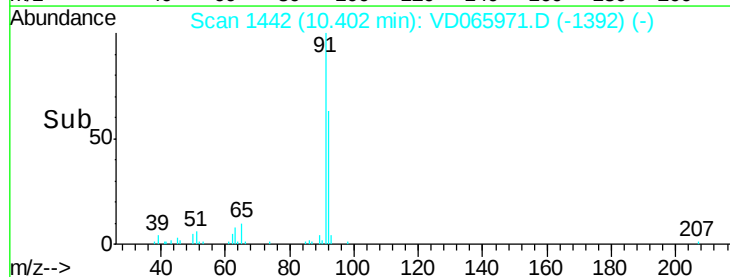
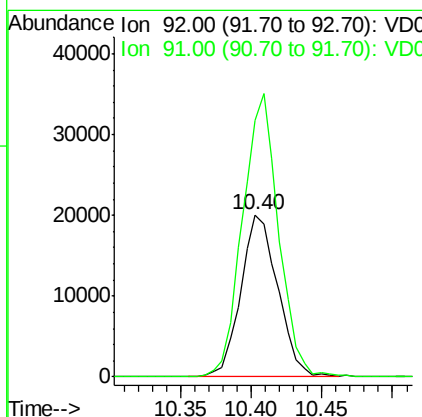
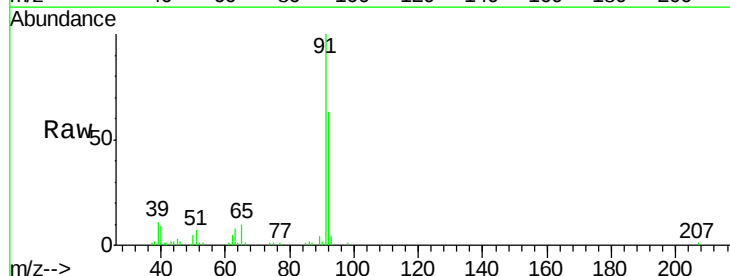
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

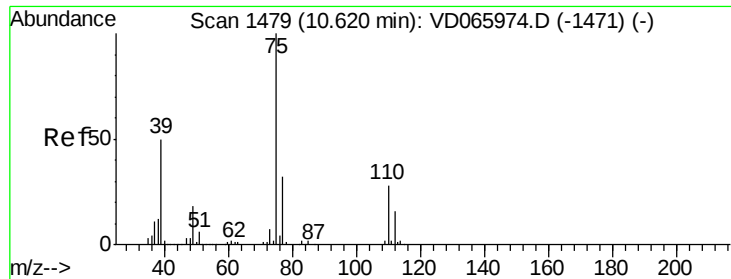
Tgt Ion: 43 Resp: 38051
Ion Ratio Lower Upper
43 100
58 37.8 31.3 46.9



#52
Toluene
Concen: 4.505 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.01 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Tgt Ion: 92 Resp: 36783
Ion Ratio Lower Upper
92 100
91 169.6 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 4.744 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

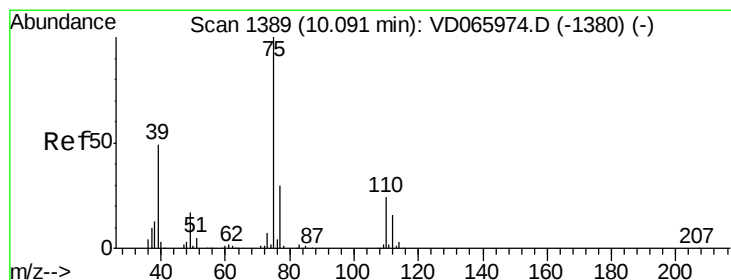
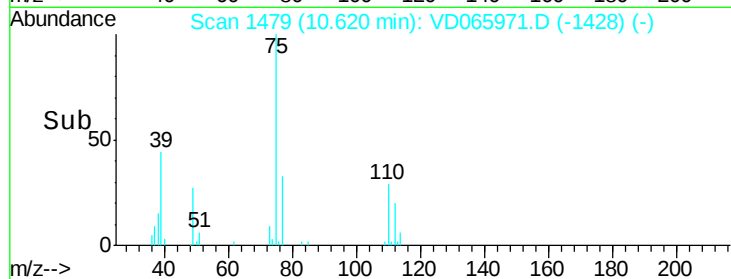
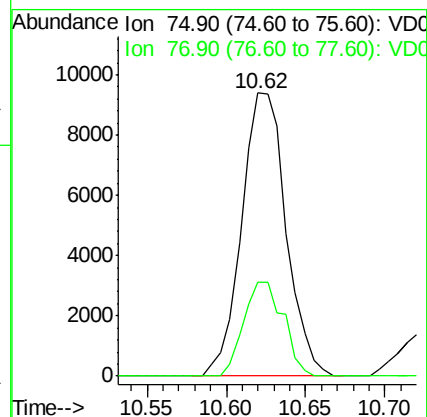
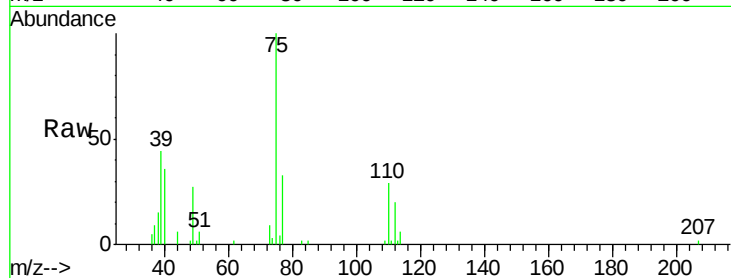
VSTDIC005

Tgt Ion: 75 Resp: 18288

Ion Ratio Lower Upper

75 100

77 33.3 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 4.545 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

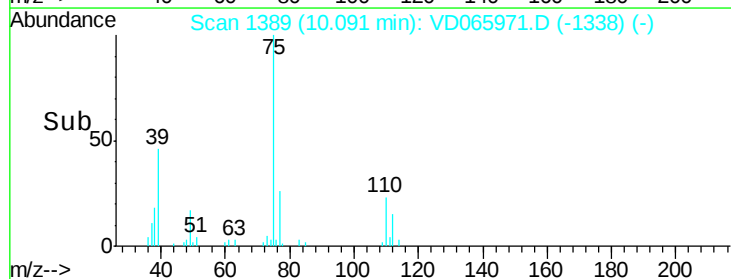
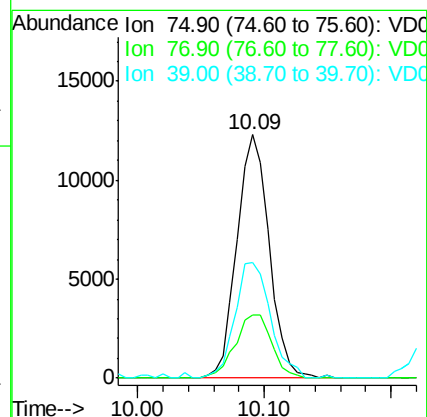
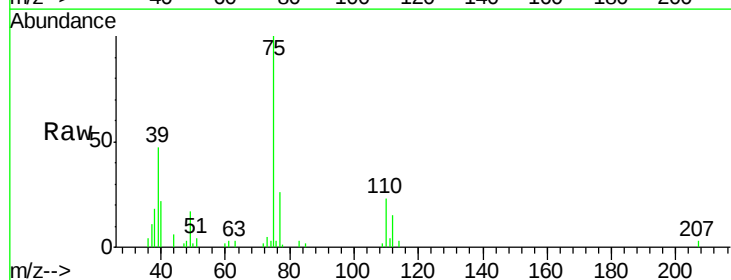
Tgt Ion: 75 Resp: 21689

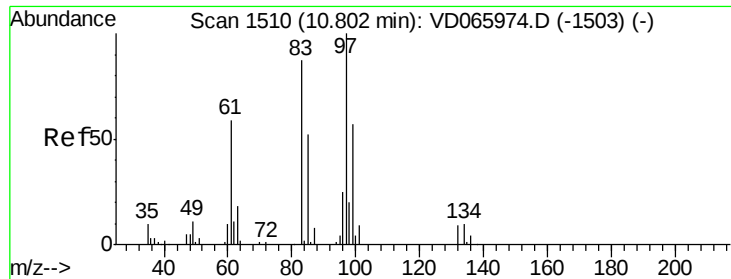
Ion Ratio Lower Upper

75 100

77 26.0 23.8 35.8

39 47.5 38.8 58.2

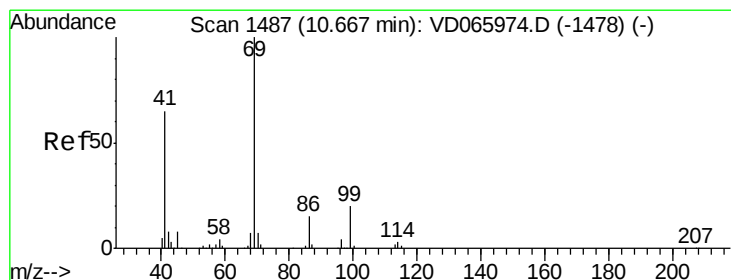
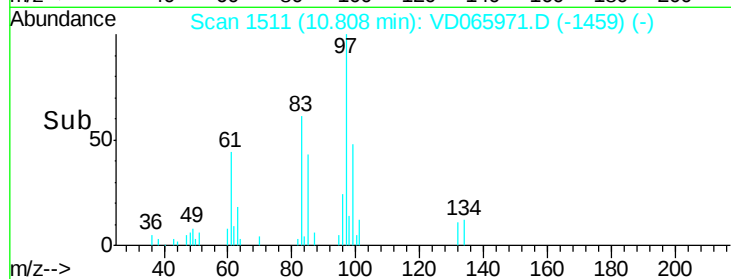
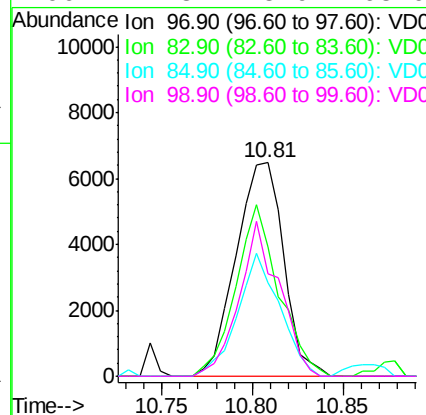
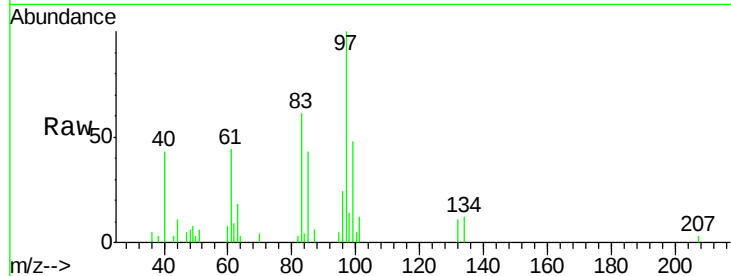




#55
 1,1,2-Trichloroethane
 Concen: 5.172 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

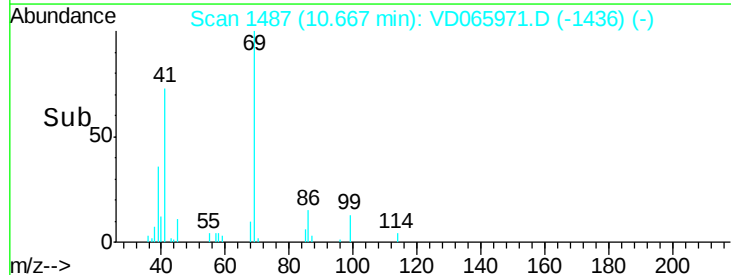
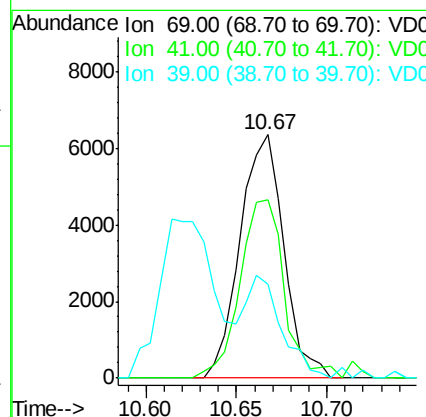
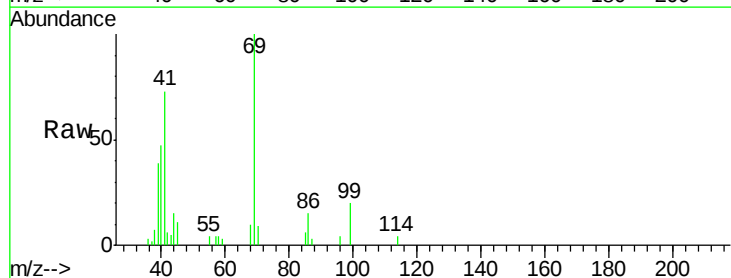
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

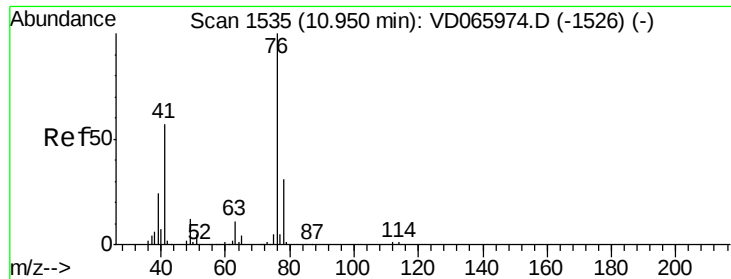
Tgt Ion: 97 Resp: 11847
 Ion Ratio Lower Upper
 97 100
 83 60.6 69.7 104.5#
 85 43.5 41.6 62.4
 99 47.8 45.9 68.9



#56
 Ethyl methacrylate
 Concen: 4.148 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Tgt Ion: 69 Resp: 10677
 Ion Ratio Lower Upper
 69 100
 41 74.1 52.3 78.5
 39 34.7 25.2 37.8





#57

1,3-Dichloropropane

Concen: 4.609 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

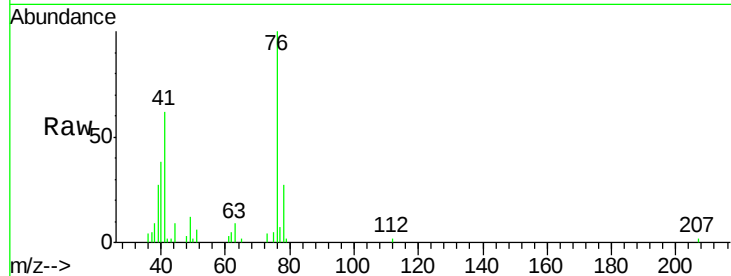
VSTDIC005

Tgt Ion: 76 Resp: 17562

Ion Ratio Lower Upper

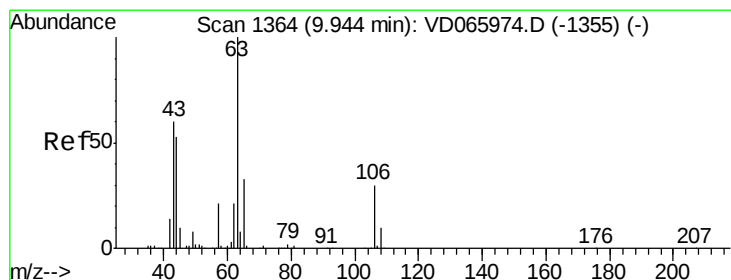
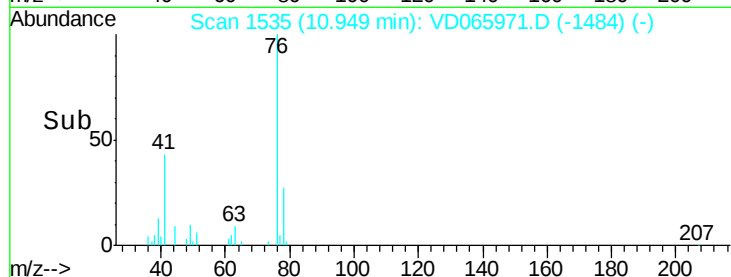
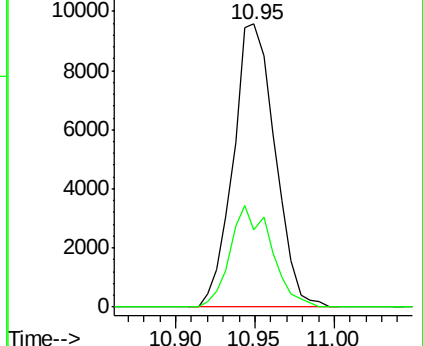
76 100

78 35.1 25.6 38.4



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: 25.382 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD065971.D

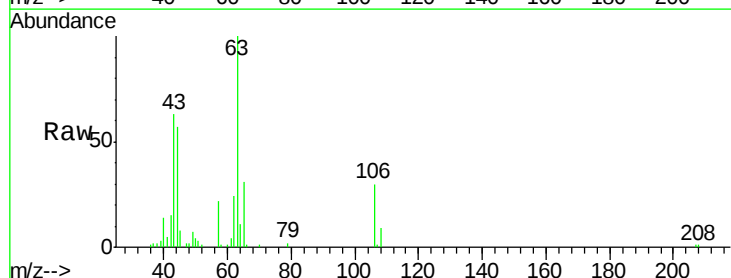
Acq: 21 Jul 2020 09:55

Tgt Ion: 63 Resp: 31889

Ion Ratio Lower Upper

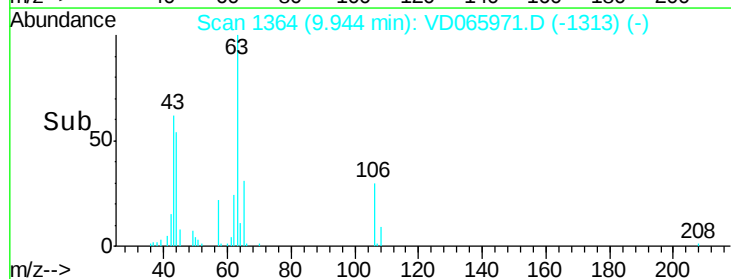
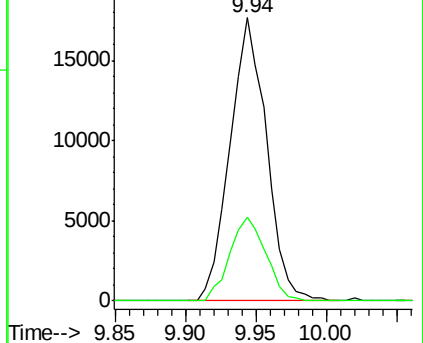
63 100

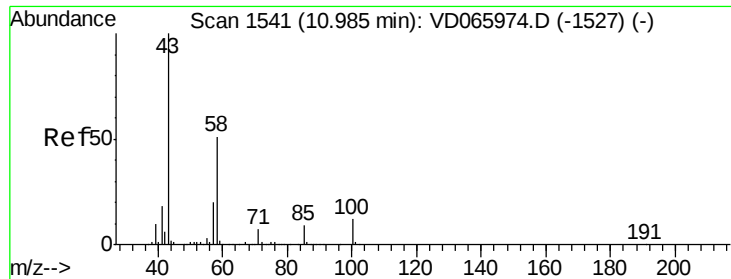
106 29.2 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

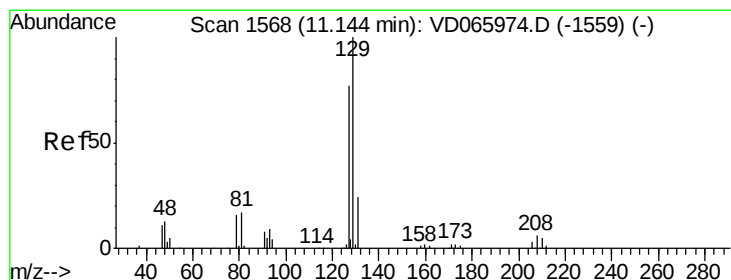
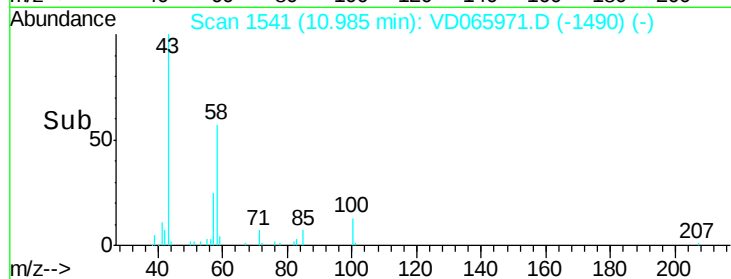
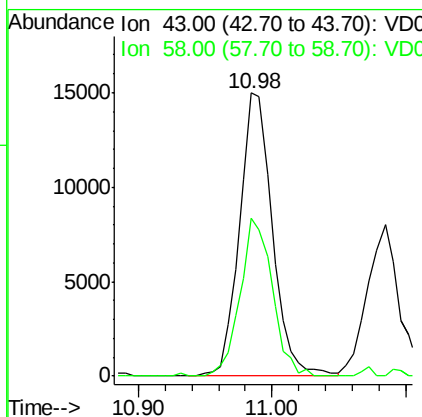
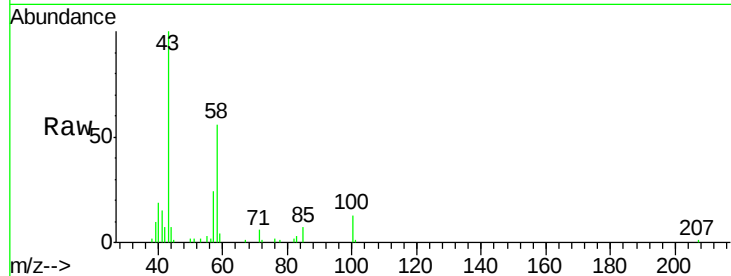




#59
2-Hexanone
Concen: 22.564 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

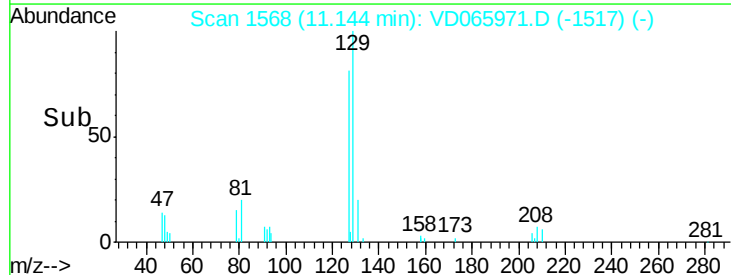
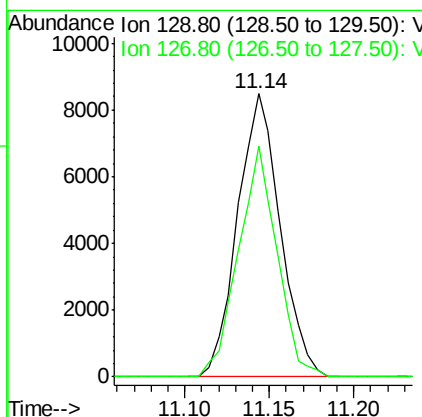
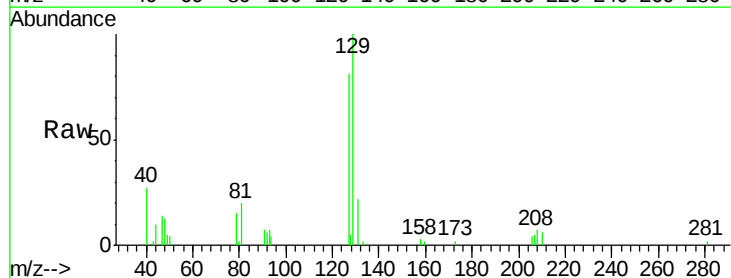
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

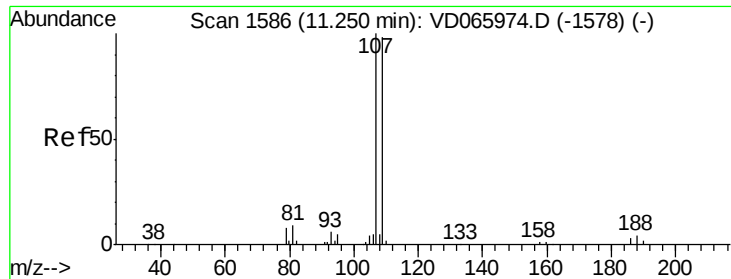
Tgt Ion: 43 Resp: 25555
Ion Ratio Lower Upper
43 100
58 54.5 26.2 78.6



#60
Dibromochloromethane
Concen: 4.801 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Tgt Ion: 129 Resp: 14859
Ion Ratio Lower Upper
129 100
127 74.0 38.6 115.7

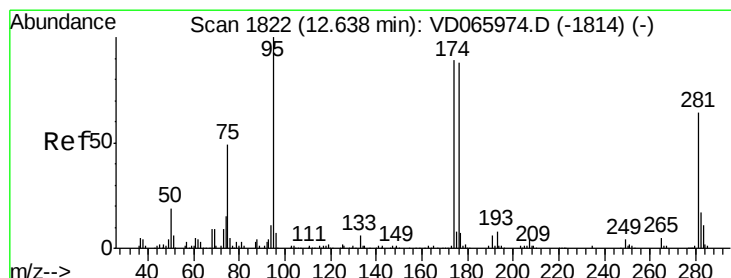
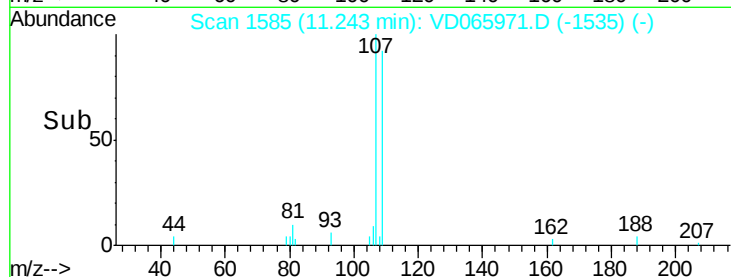
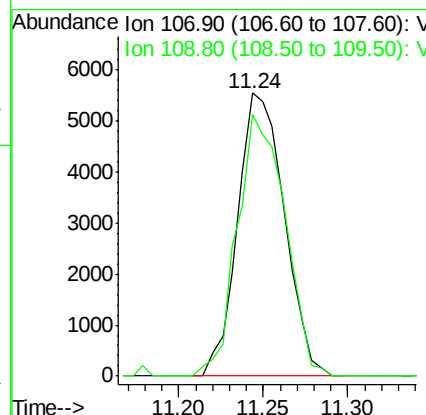
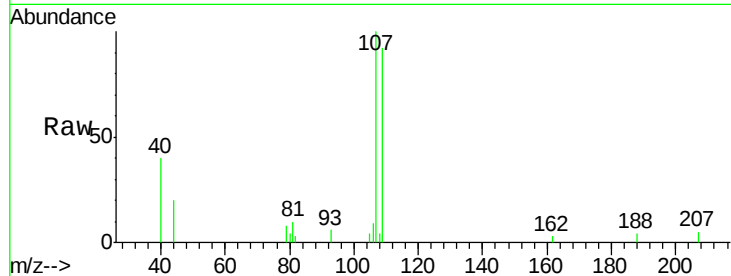




#61
 1,2-Dibromoethane
 Concen: 4.827 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

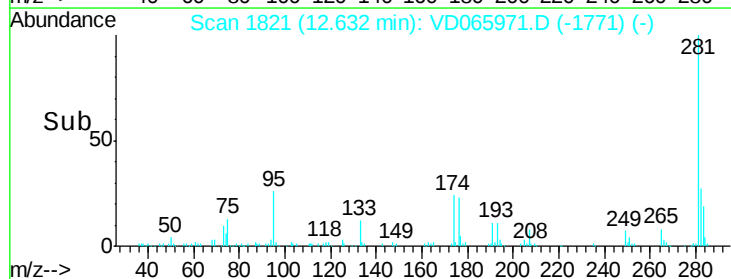
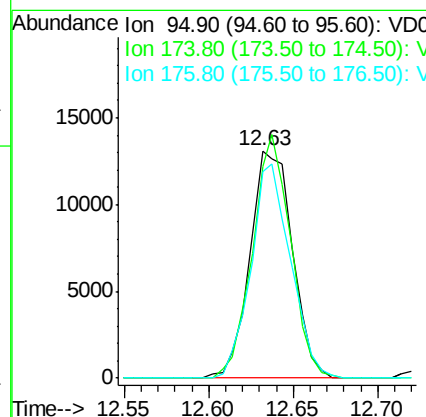
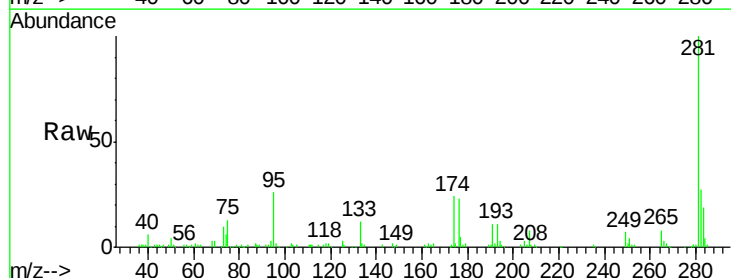
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

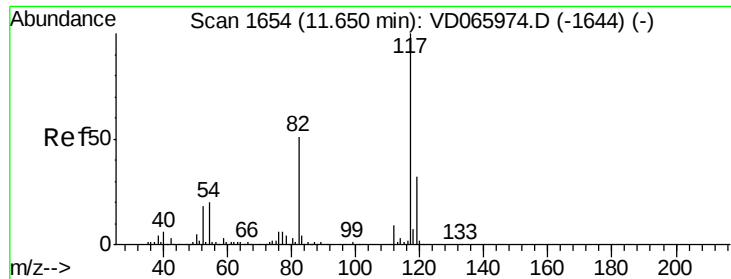
Tgt Ion: 107 Resp: 10693
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 5.499 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Tgt Ion: 95 Resp: 22910
 Ion Ratio Lower Upper
 95 100
 174 96.3 0.0 178.8
 176 88.4 0.0 172.6

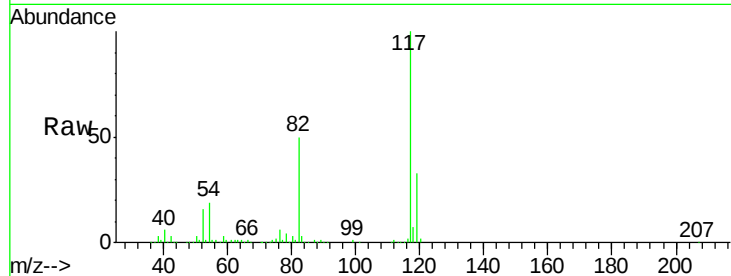




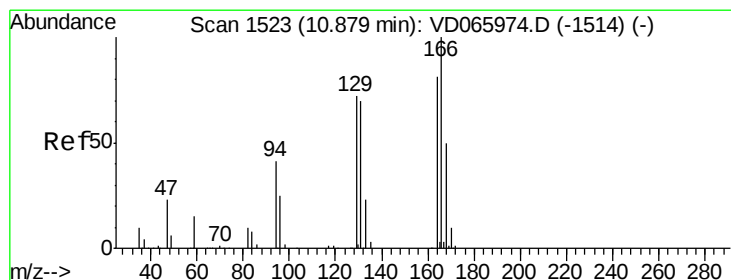
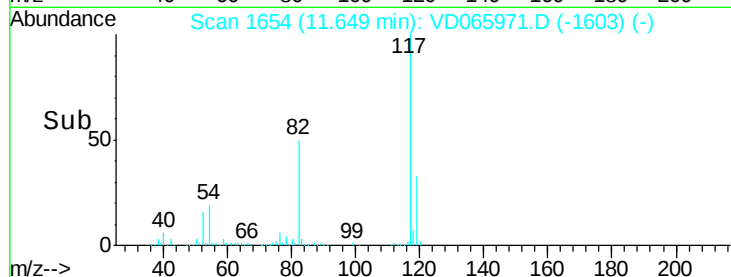
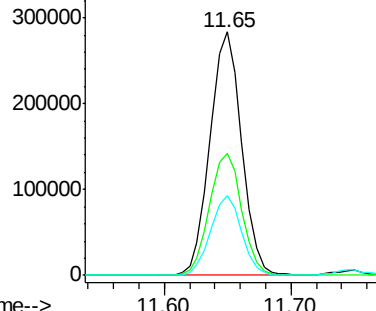
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 490818
Ion Ratio Lower Upper
117 100
82 50.3 41.1 61.7
119 32.8 25.9 38.9



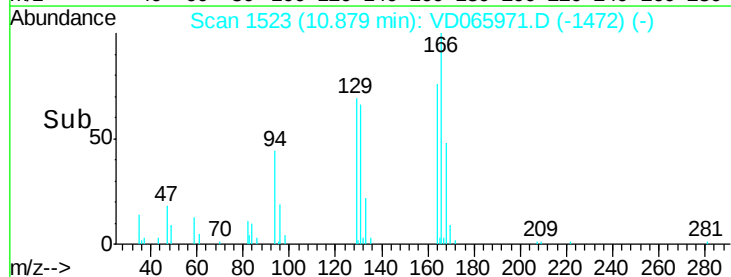
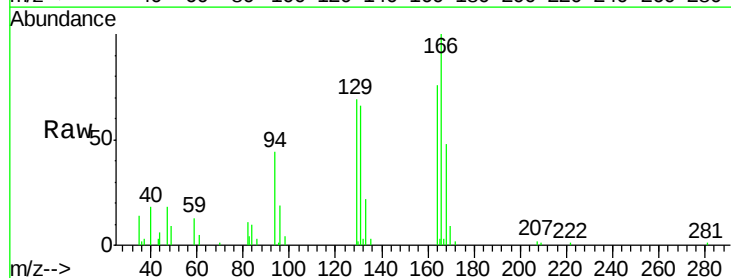
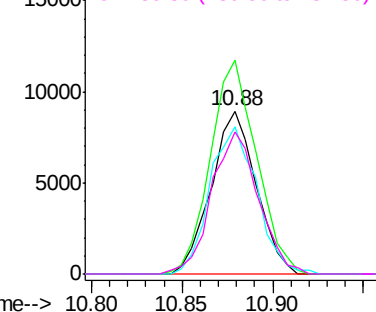
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

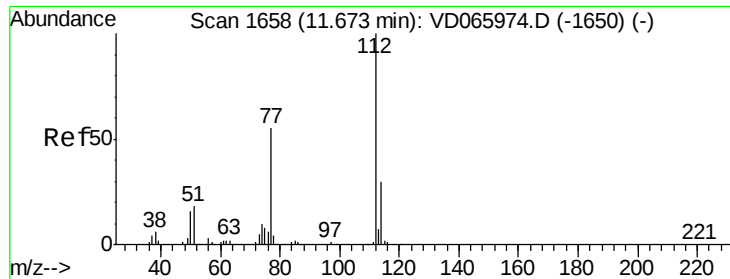


#64
Tetrachloroethene
Concen: 4.601 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Tgt Ion:164 Resp: 15439
Ion Ratio Lower Upper
164 100
166 131.0 99.1 148.7
129 90.6 71.5 107.3
131 87.1 69.8 104.6

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

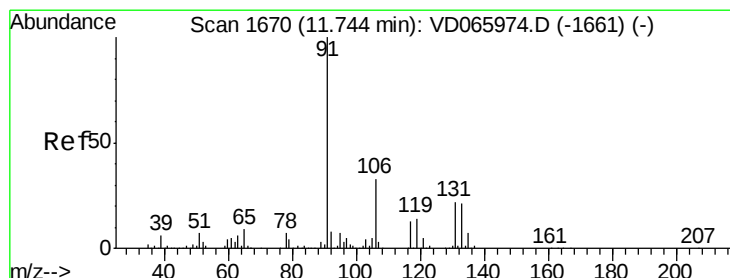
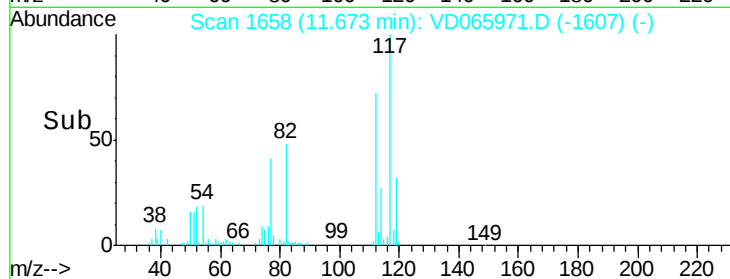
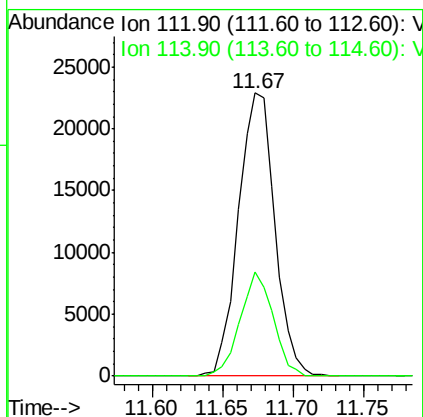
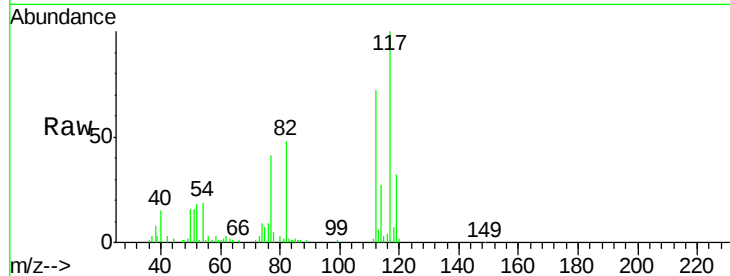




#65
Chlorobenzene
Concen: 4.572 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

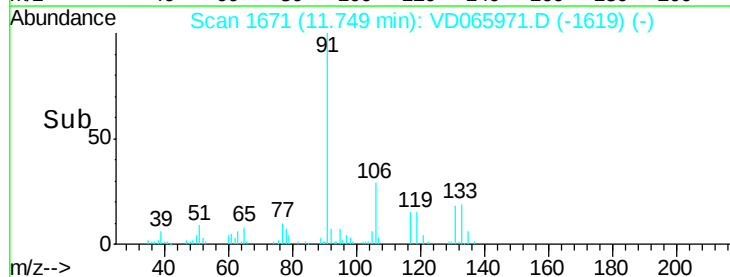
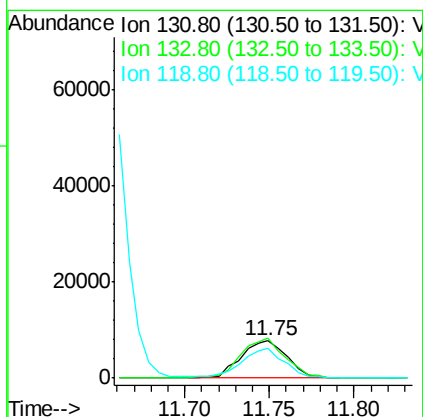
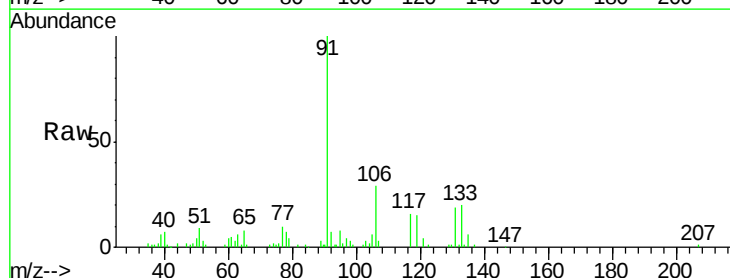
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

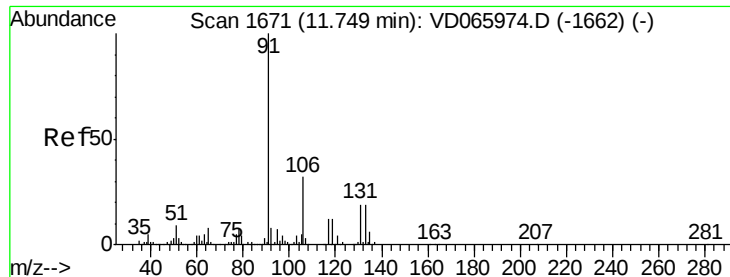
Tgt Ion:112 Resp: 41392
Ion Ratio Lower Upper
112 100
114 36.9 24.4 36.6#



#66
1,1,1,2-Tetrachloroethane
Concen: 4.361 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Tgt Ion:131 Resp: 14609
Ion Ratio Lower Upper
131 100
133 104.2 47.3 142.0
119 74.6 31.7 95.1





#67

Ethyl Benzene

Concen: 4.433 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

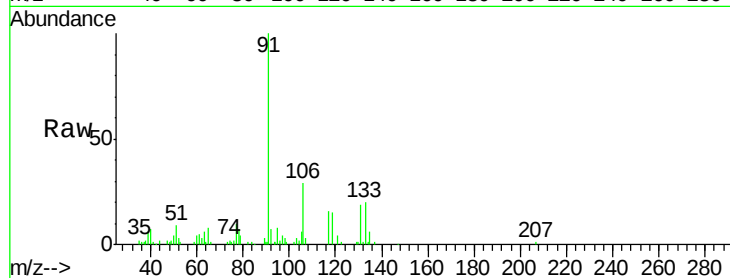
VSTDIC005

Tgt Ion: 91 Resp: 68844

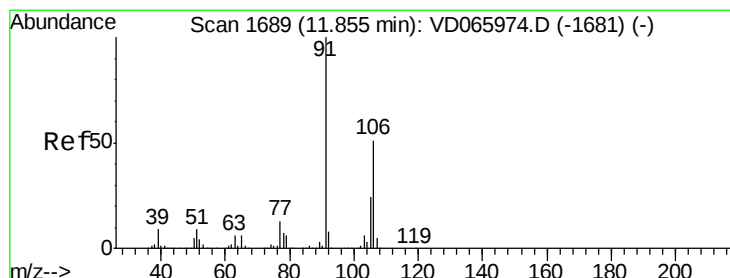
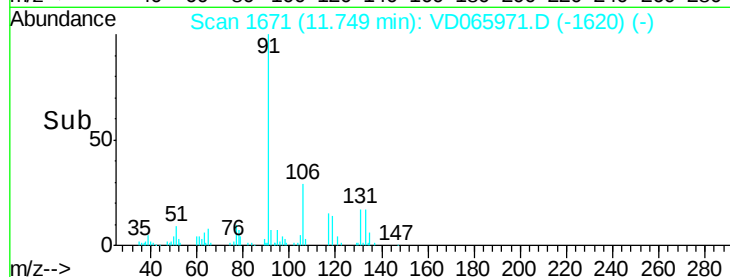
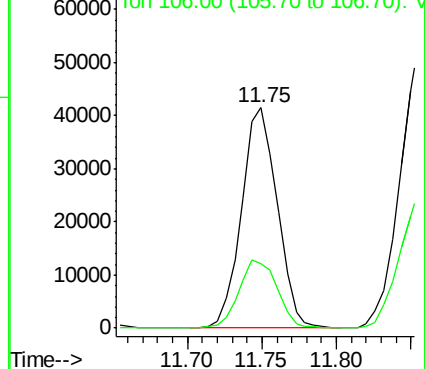
Ion Ratio Lower Upper

91 100

106 29.4 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 8.353 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD065971.D

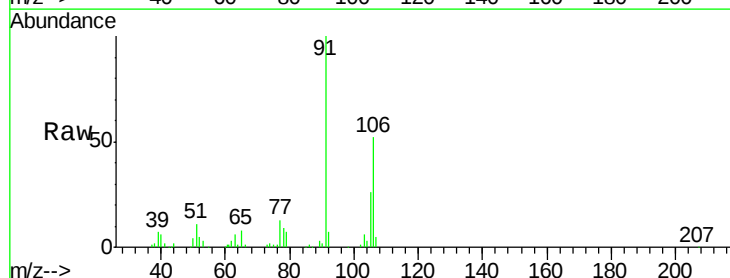
Acq: 21 Jul 2020 09:55

Tgt Ion: 106 Resp: 50162

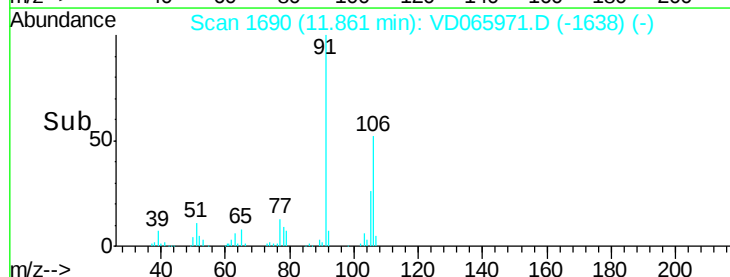
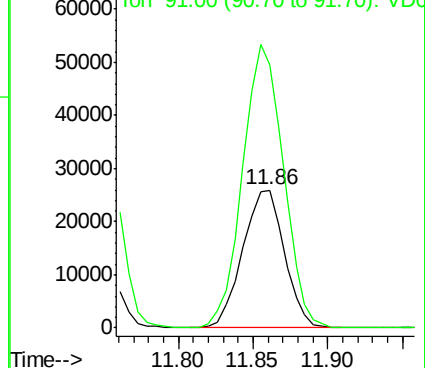
Ion Ratio Lower Upper

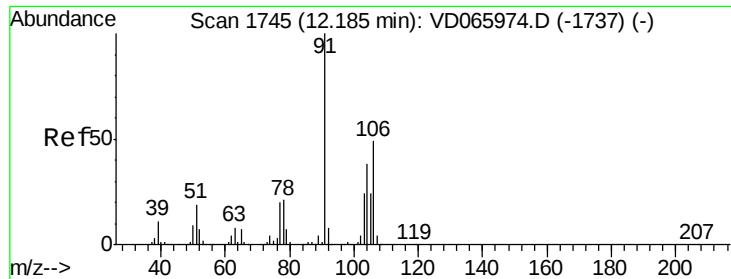
106 100

91 201.2 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

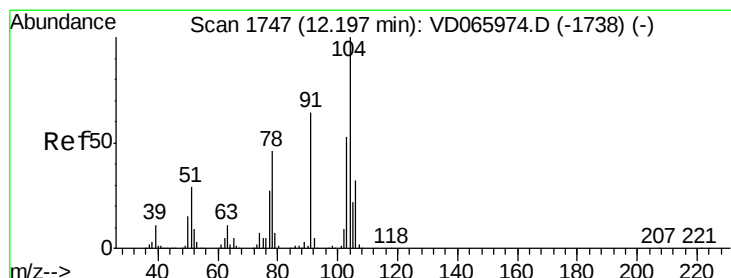
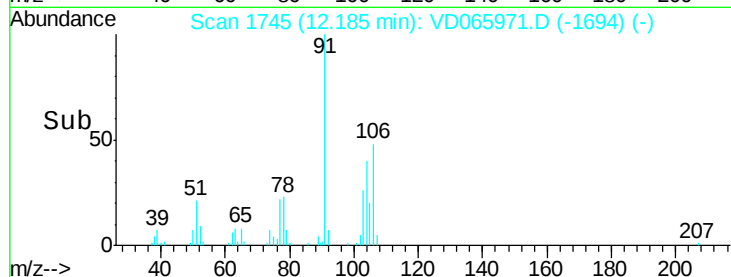
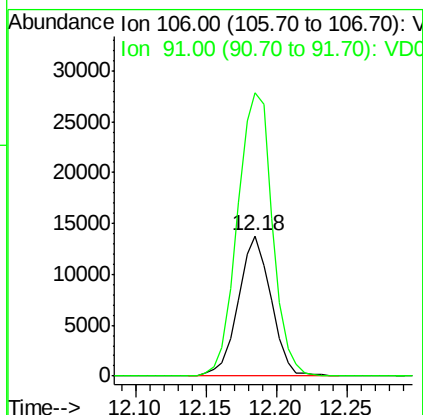
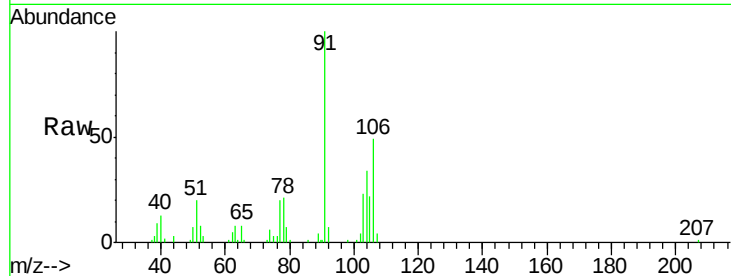




#69
o-Xylene
Concen: 4.199 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

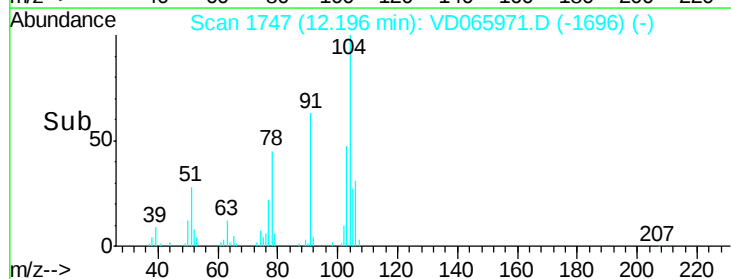
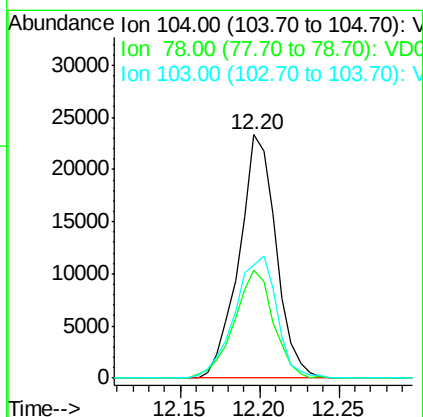
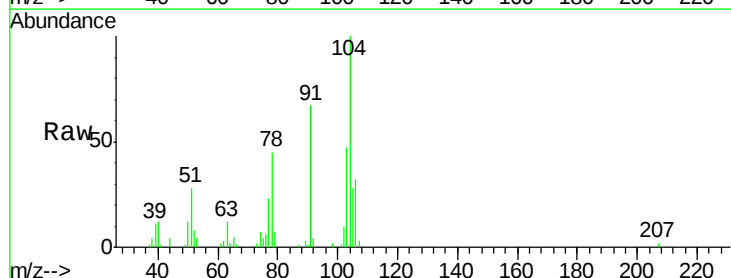
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

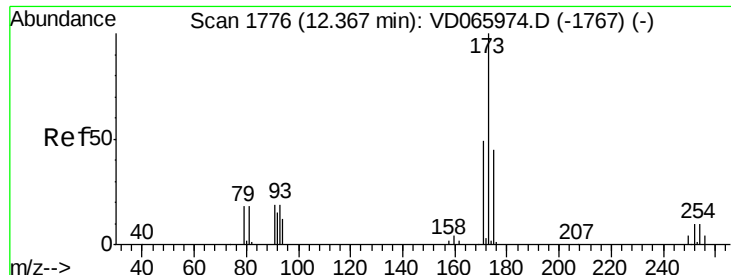
Tgt Ion:106 Resp: 22451
Ion Ratio Lower Upper
106 100
91 214.4 103.1 309.3



#70
Styrene
Concen: 4.084 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Tgt Ion:104 Resp: 37791
Ion Ratio Lower Upper
104 100
78 47.1 38.3 57.5
103 57.1 43.8 65.8

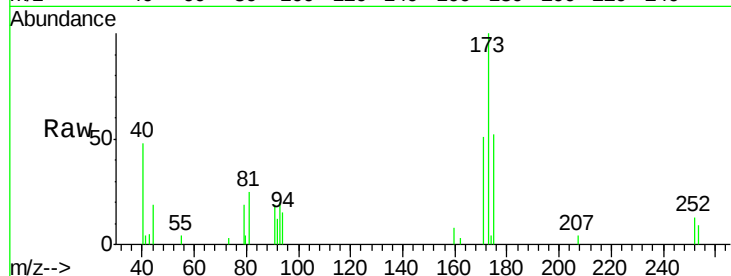




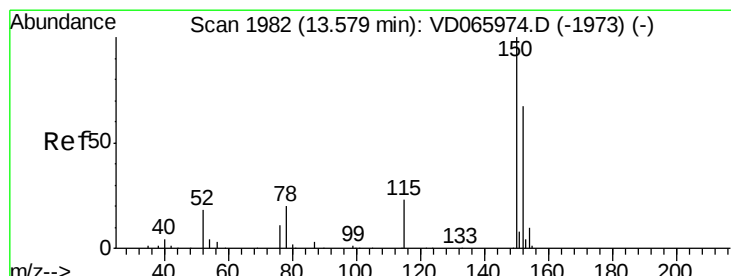
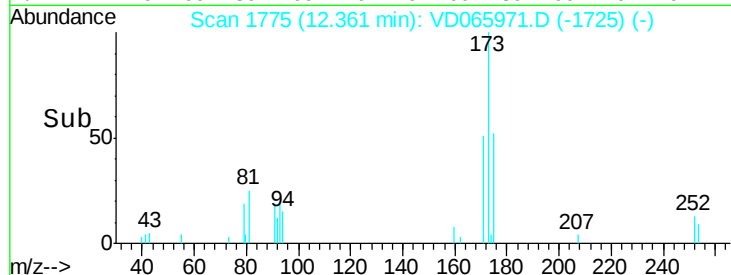
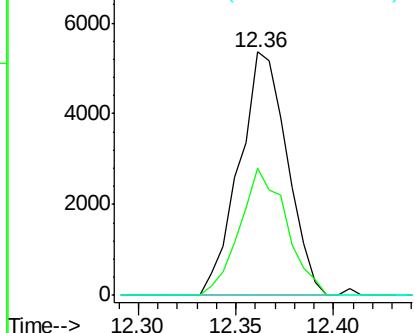
#71
Bromoform
Concen: 4.837 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 9107
Ion Ratio Lower Upper
173 100
175 51.2 24.1 72.3
254 0.0 0.0 0.0

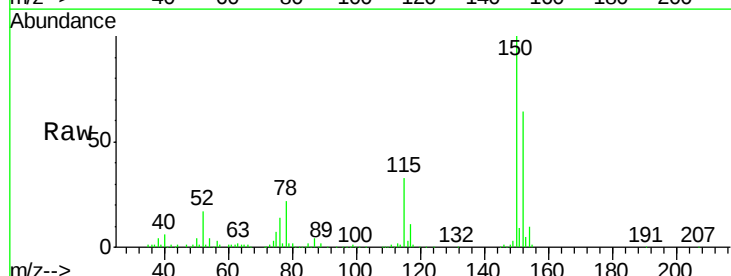


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

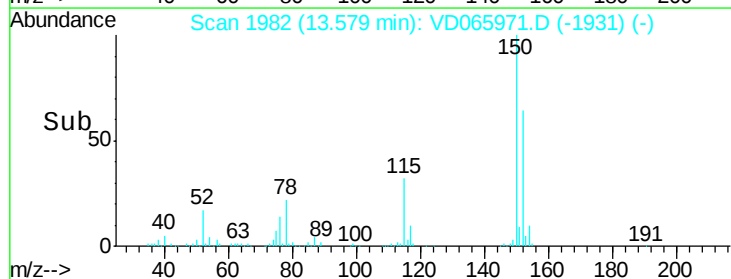
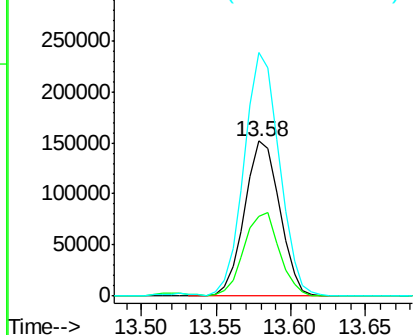


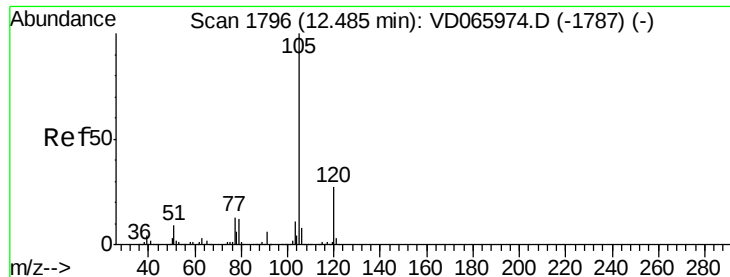
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Tgt Ion:152 Resp: 248944
Ion Ratio Lower Upper
152 100
115 54.1 27.9 83.7
150 156.6 0.0 348.2



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





#73

Isopropylbenzene

Concen: 4.225 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

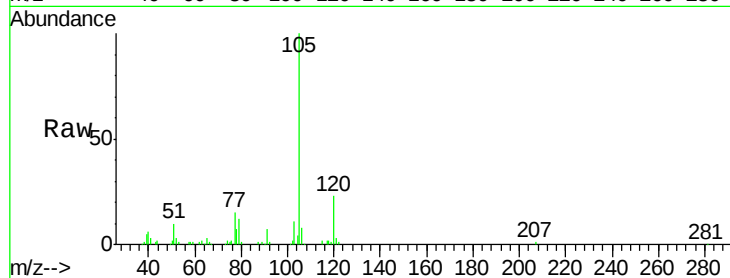
VSTDIC005

Tgt Ion: 105 Resp: 63002

Ion Ratio Lower Upper

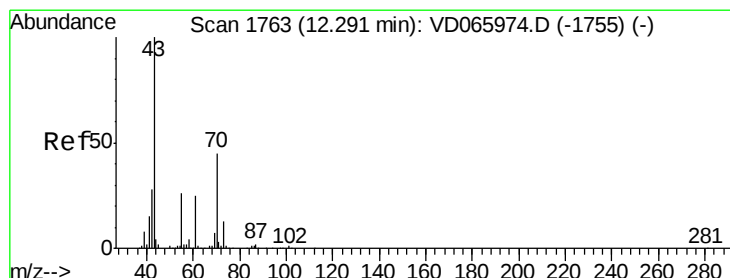
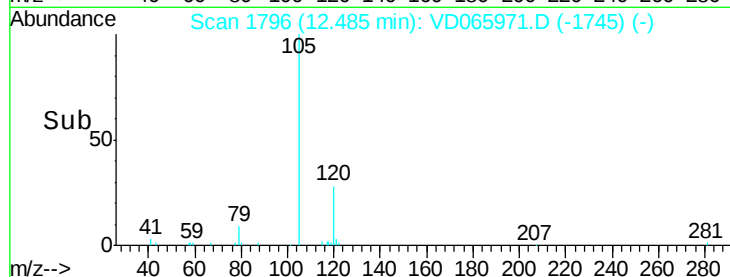
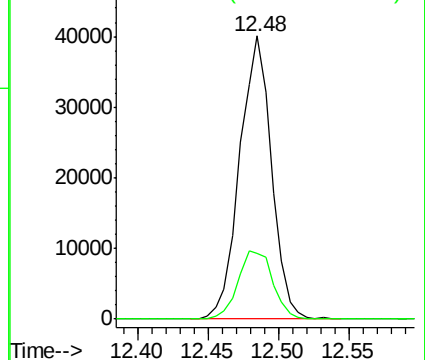
105 100

120 26.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.402 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Tgt Ion: 43 Resp: 13202

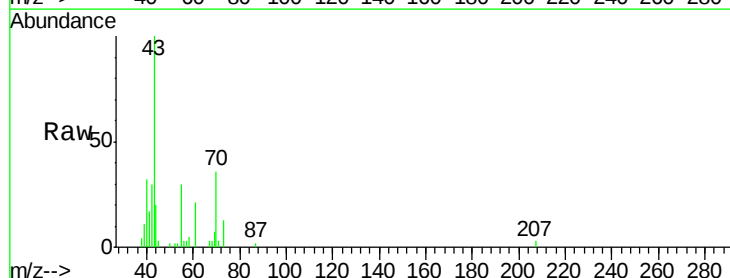
Ion Ratio Lower Upper

43 100

70 39.1 34.6 51.8

55 25.5 20.3 30.5

61 21.4 19.5 29.3

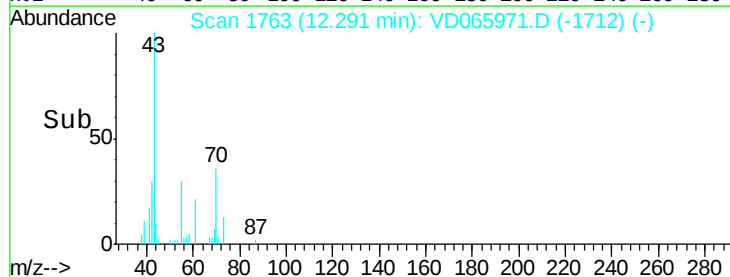
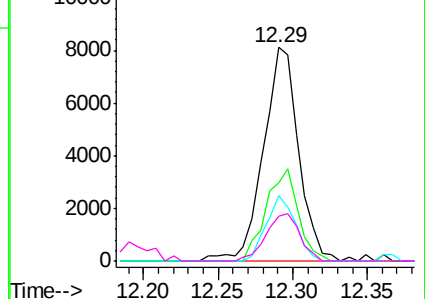


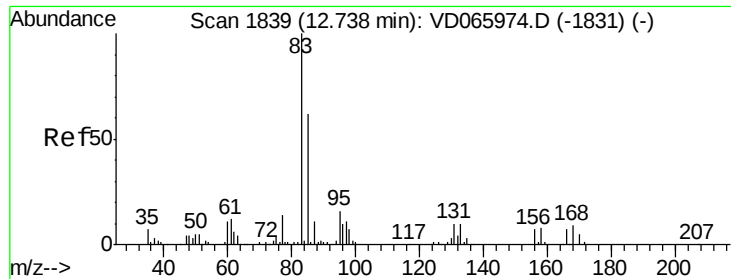
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 4.566 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

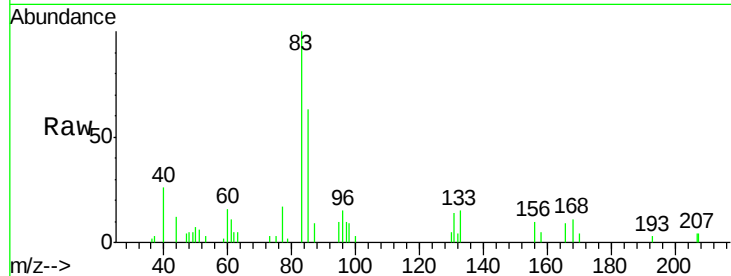
Tgt Ion: 83 Resp: 11261

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

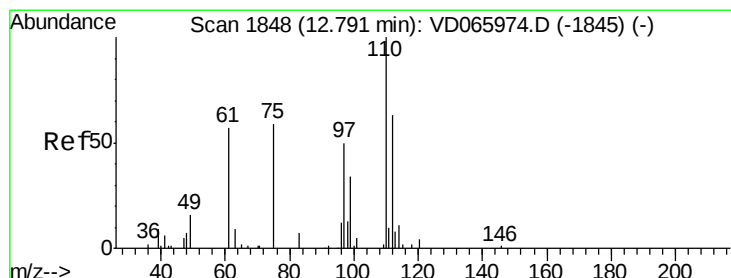
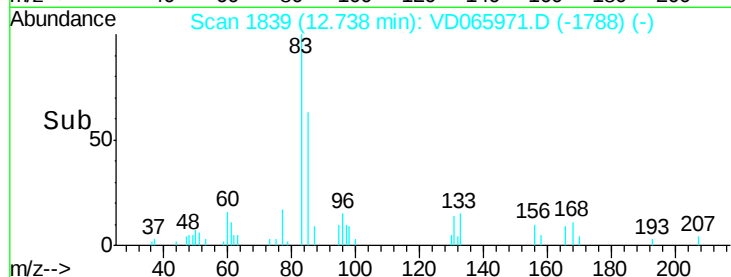
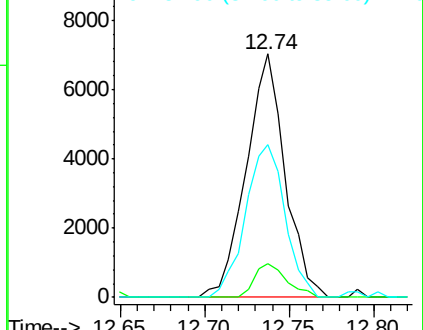
85 63.9 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 6.820 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065971.D

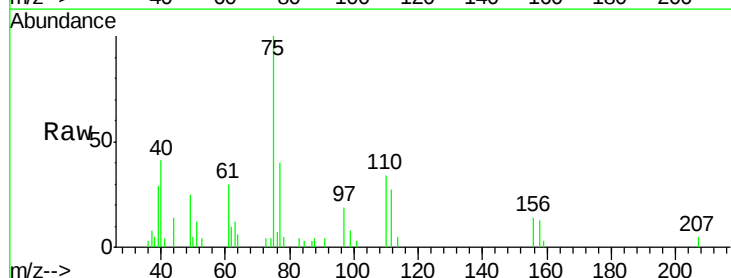
Acq: 21 Jul 2020 09:55

Tgt Ion: 75 Resp: 15090

Ion Ratio Lower Upper

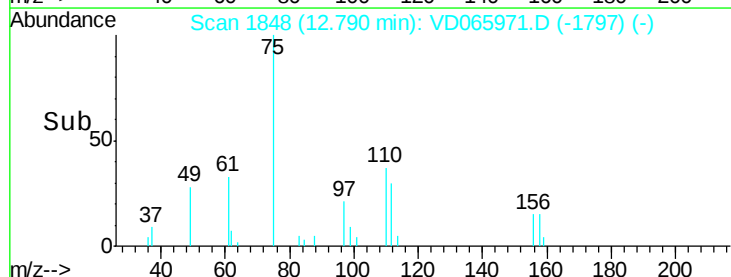
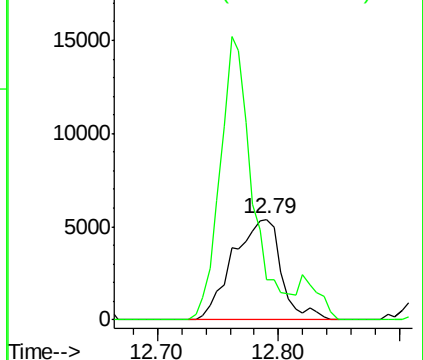
75 100

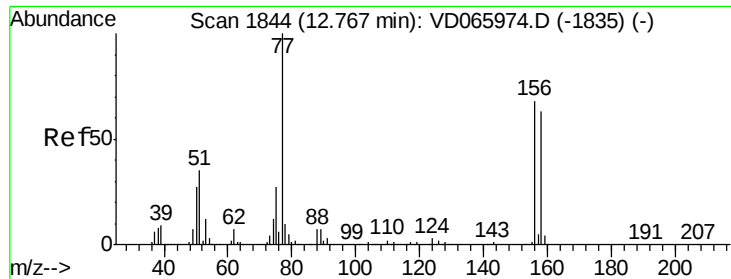
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 4.402 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

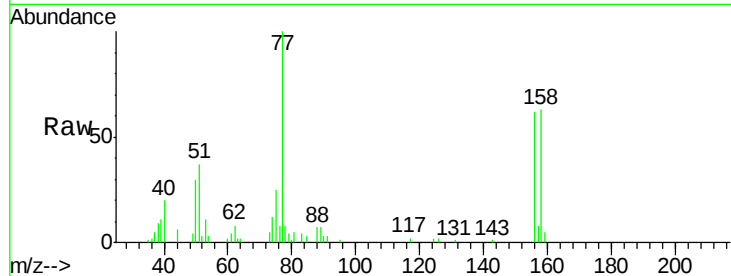
Tgt Ion:156 Resp: 16944

Ion Ratio Lower Upper

156 100

77 168.8 83.0 249.0

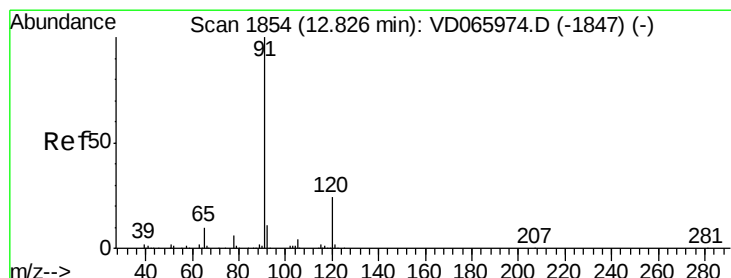
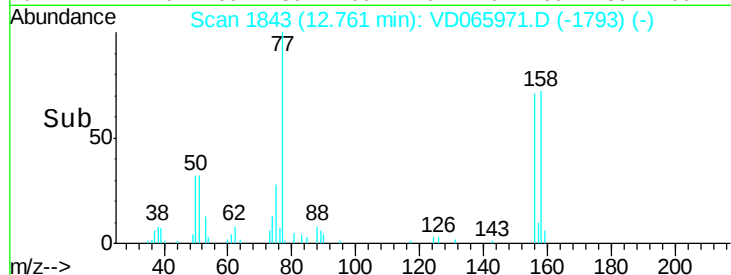
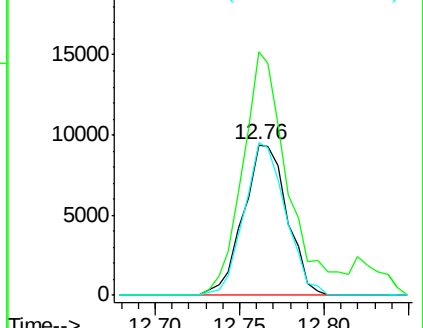
158 96.0 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.311 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065971.D

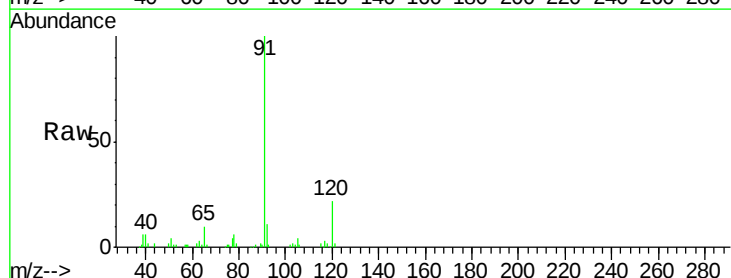
Acq: 21 Jul 2020 09:55

Tgt Ion: 91 Resp: 75309

Ion Ratio Lower Upper

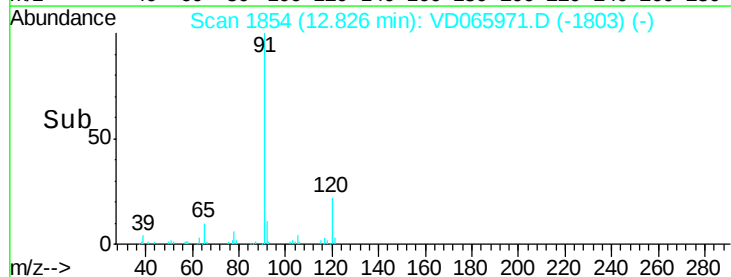
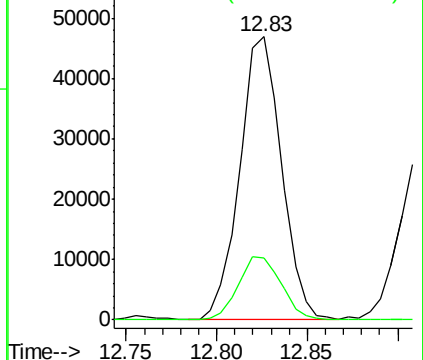
91 100

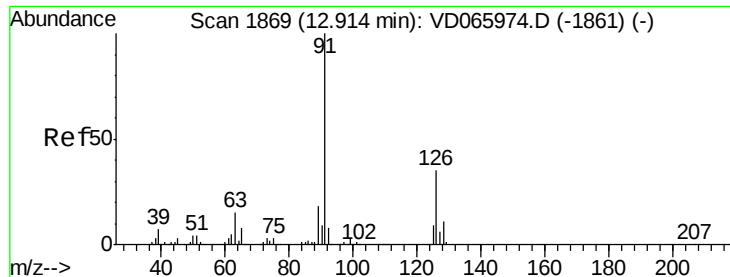
120 22.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.409 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

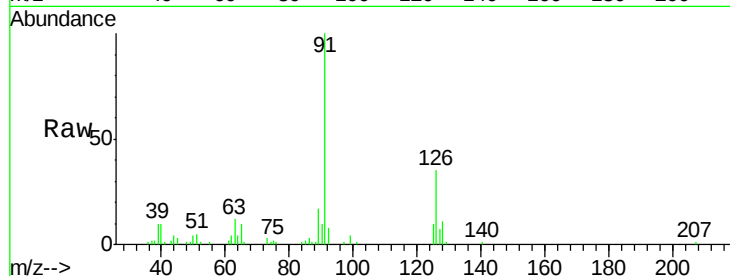
VSTDIC005

Tgt Ion: 91 Resp: 43972

Ion Ratio Lower Upper

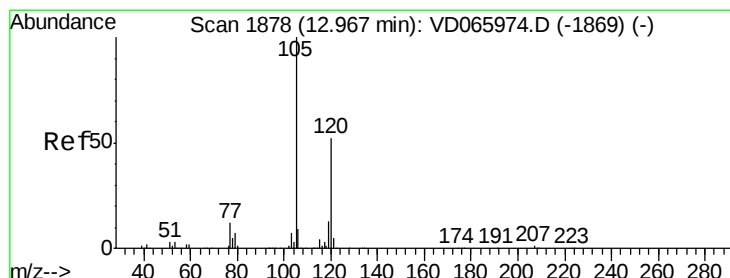
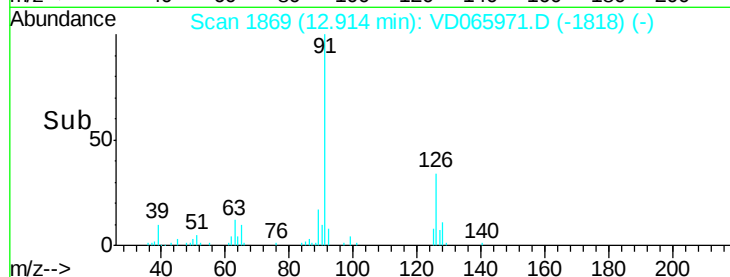
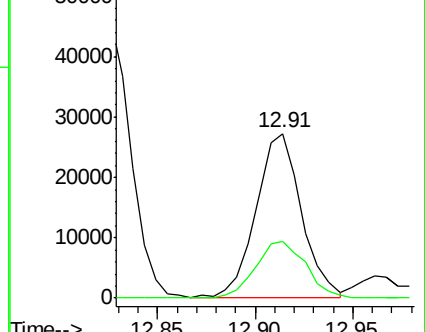
91 100

126 38.3 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD065971.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD065971.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.089 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD065971.D

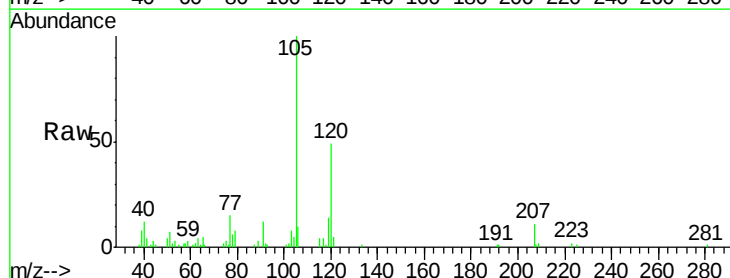
Acq: 21 Jul 2020 09:55

Tgt Ion: 105 Resp: 50786

Ion Ratio Lower Upper

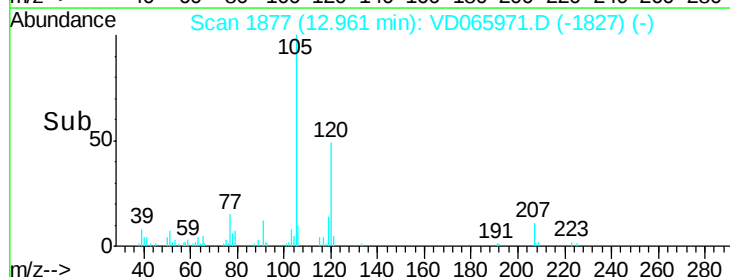
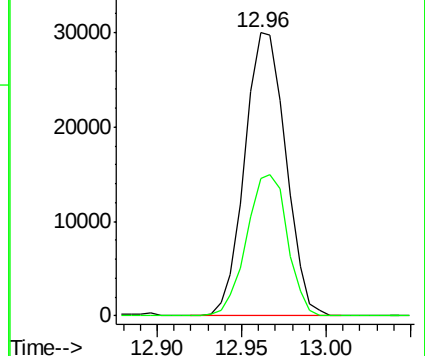
105 100

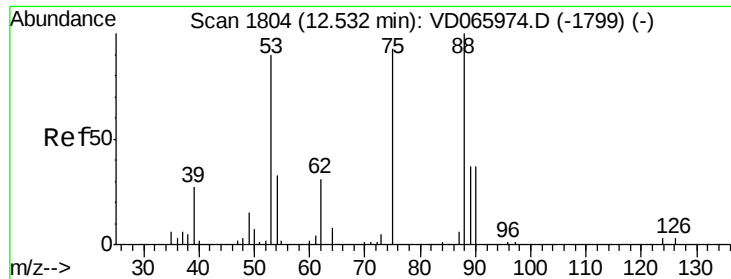
120 49.3 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD065971.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD065971.D (-1827) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.672 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

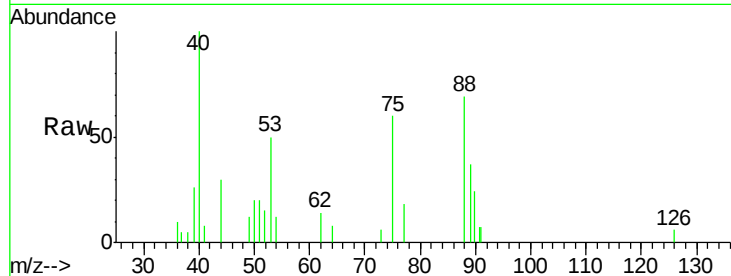
Tgt Ion: 75 Resp: 3684

Ion Ratio Lower Upper

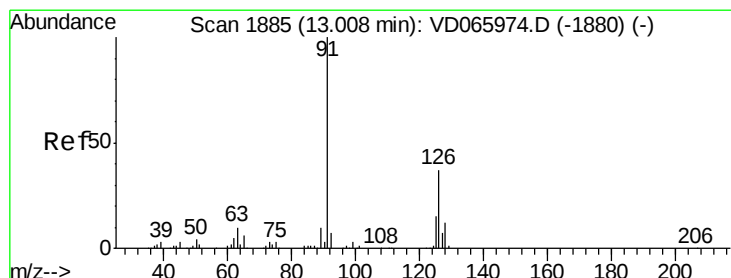
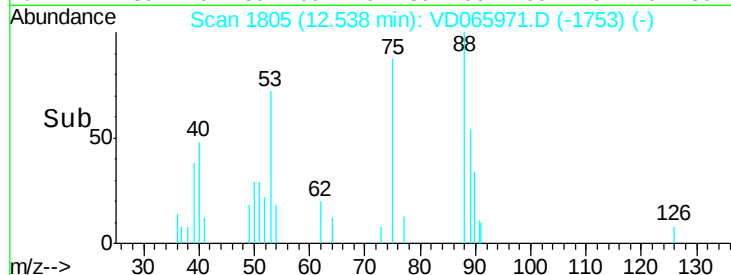
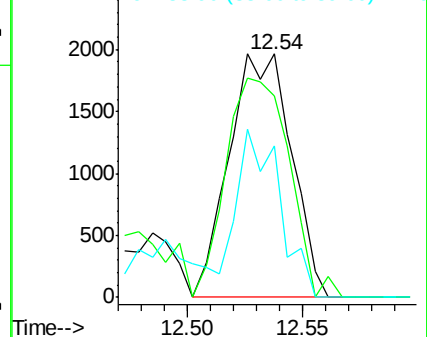
75 100

53 91.4 76.8 115.2

89 47.2 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 4.330 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065971.D

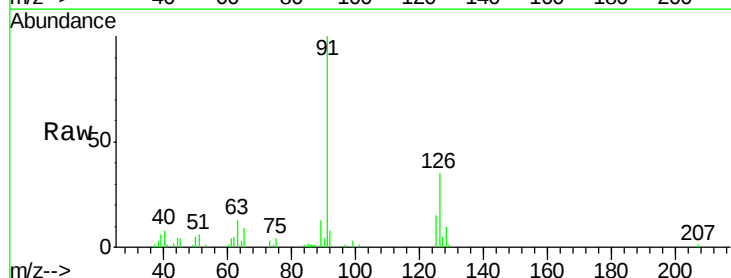
Acq: 21 Jul 2020 09:55

Tgt Ion: 91 Resp: 45870

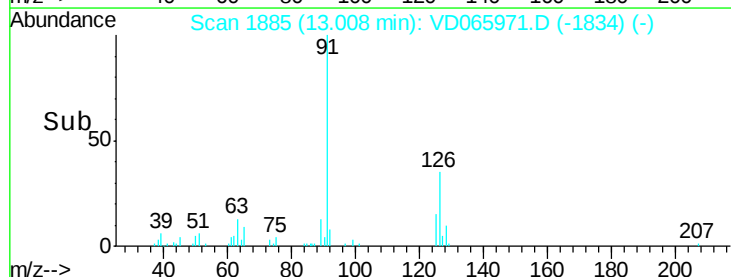
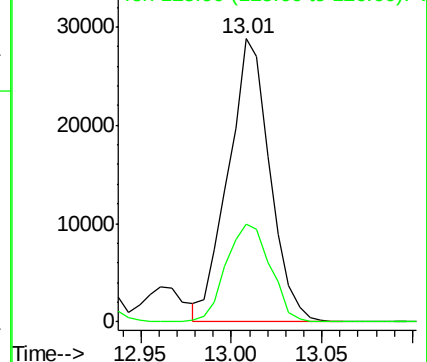
Ion Ratio Lower Upper

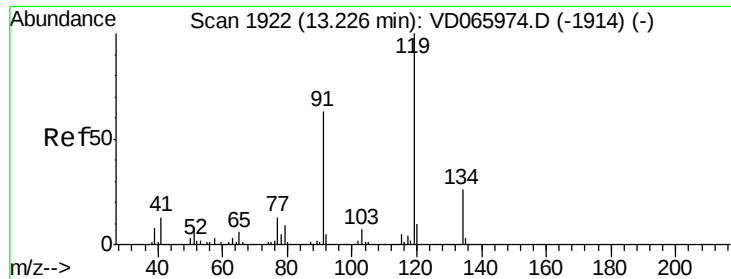
91 100

126 36.5 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

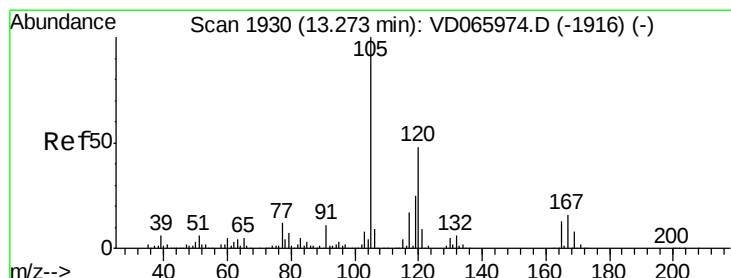
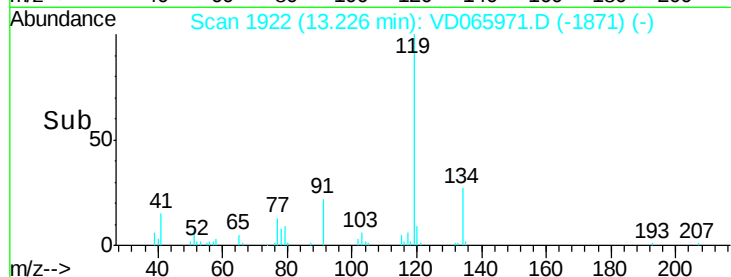
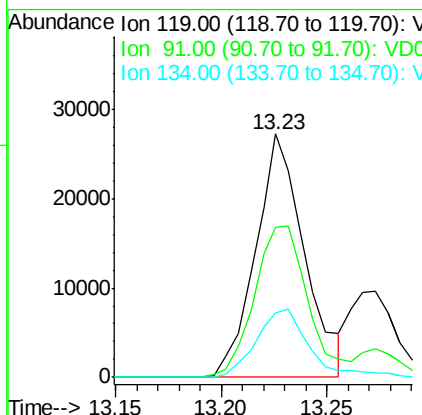
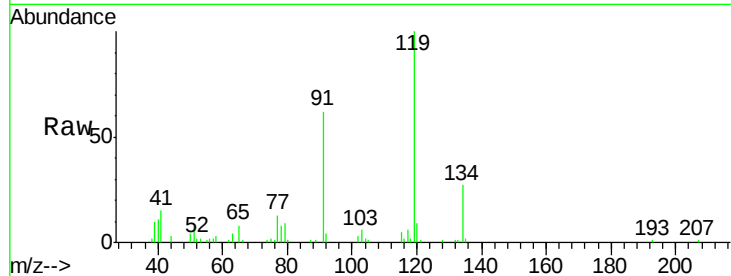




#83
 tert-Butylbenzene
 Concen: 4.062 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

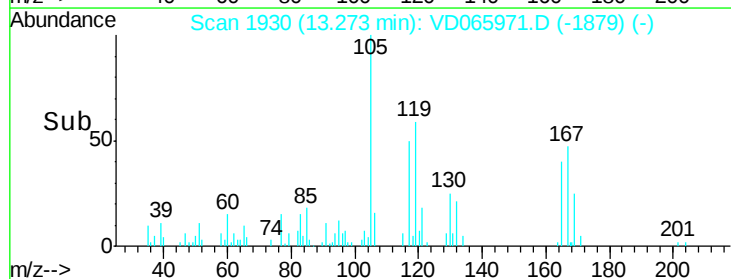
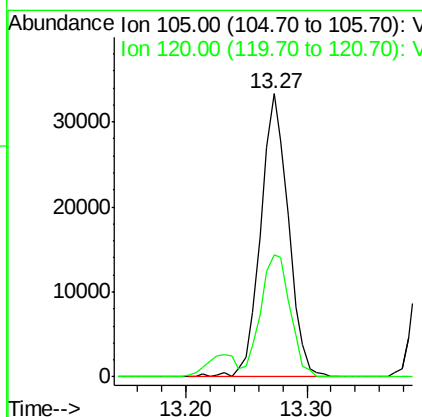
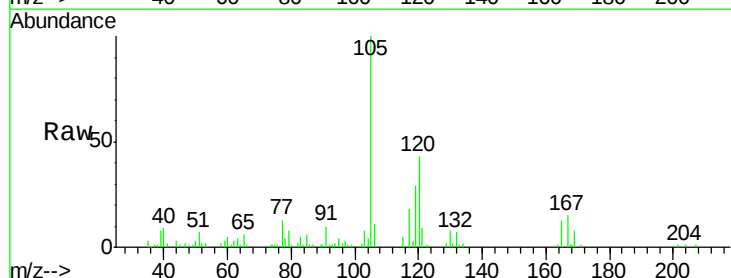
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

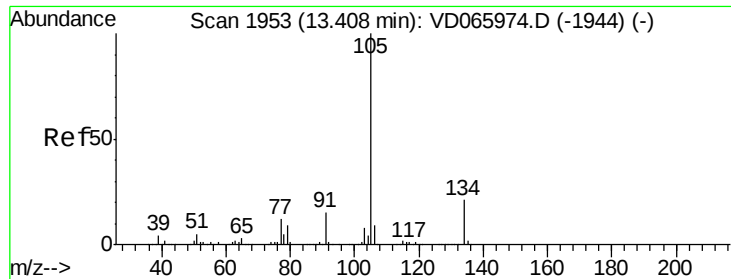
Tgt Ion:119 Resp: 43817
 Ion Ratio Lower Upper
 119 100
 91 68.0 30.6 91.6
 134 30.5 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 4.330 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Tgt Ion:105 Resp: 52752
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.9 71.8

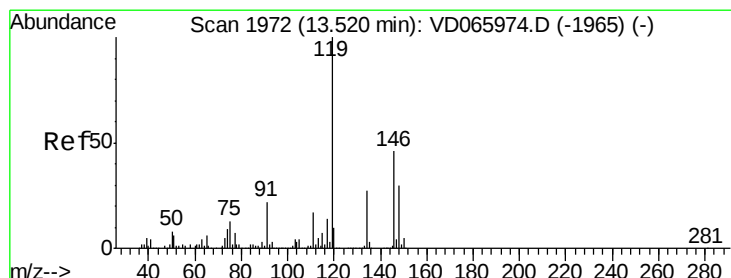
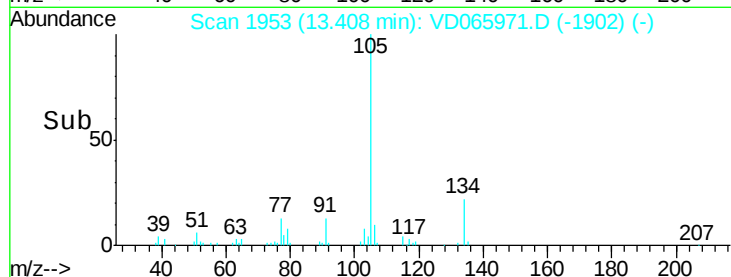
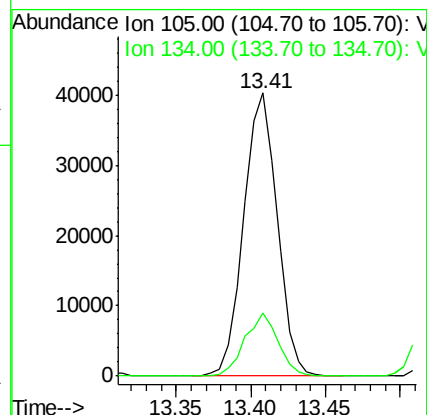
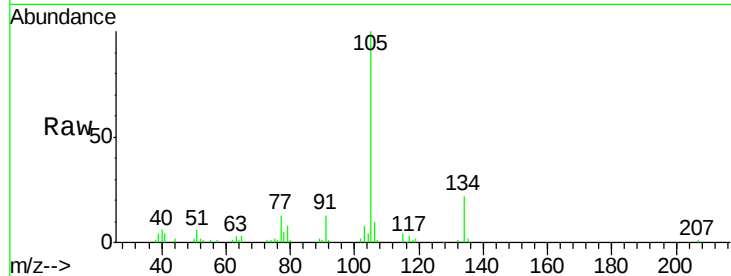




#85
 sec-Butylbenzene
 Concen: 4.211 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

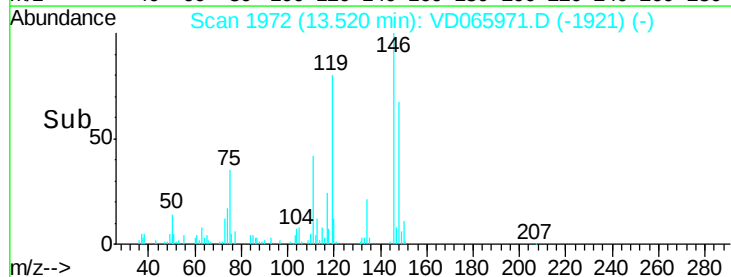
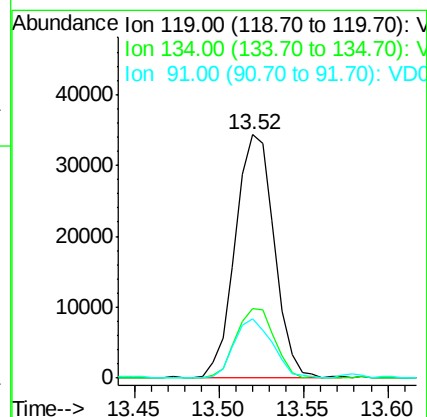
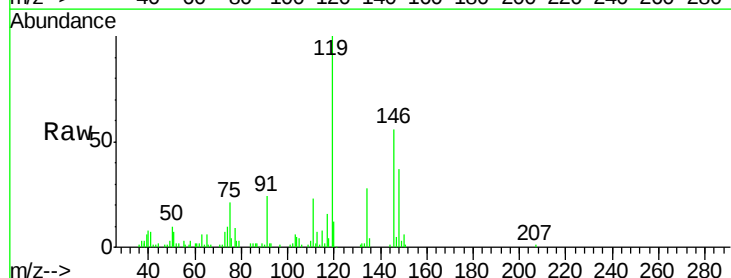
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

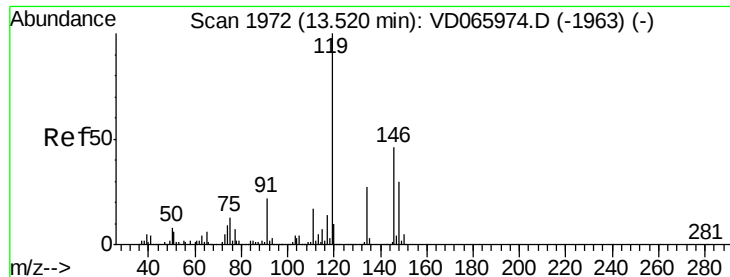
Tgt Ion:105 Resp: 62800
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 4.120 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Tgt Ion:119 Resp: 55322
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.4 40.2
 91 24.1 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 4.539 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

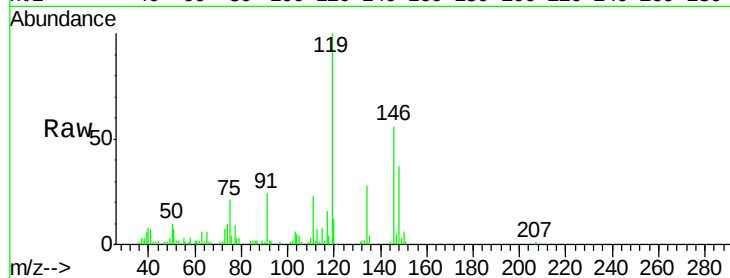
Tgt Ion:146 Resp: 32984

Ion Ratio Lower Upper

146 100

111 38.4 18.6 55.6

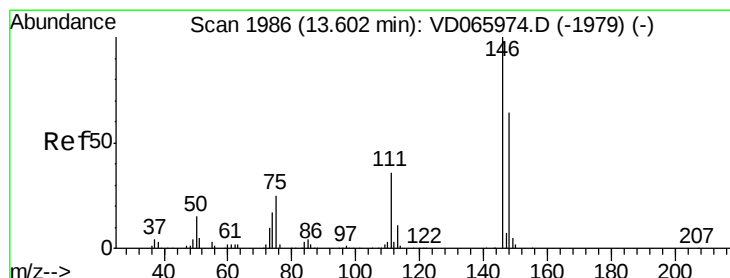
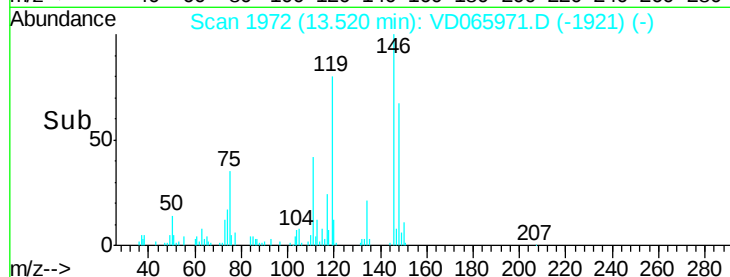
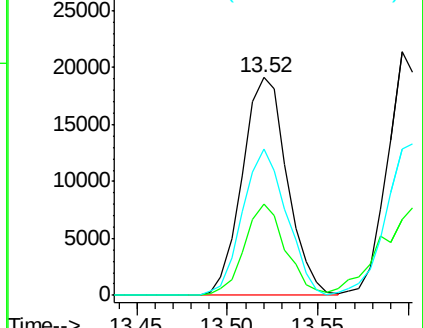
148 65.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 4.732 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD065971.D

Acq: 21 Jul 2020 09:55

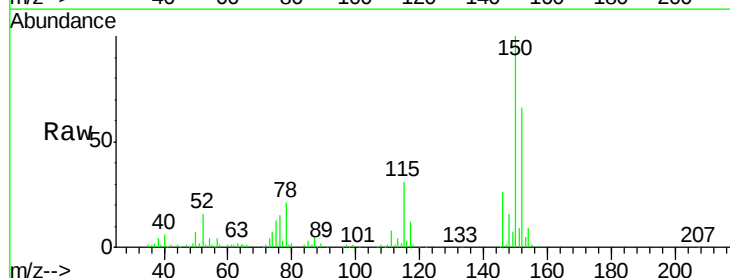
Tgt Ion:146 Resp: 34462

Ion Ratio Lower Upper

146 100

111 42.7 18.8 56.4

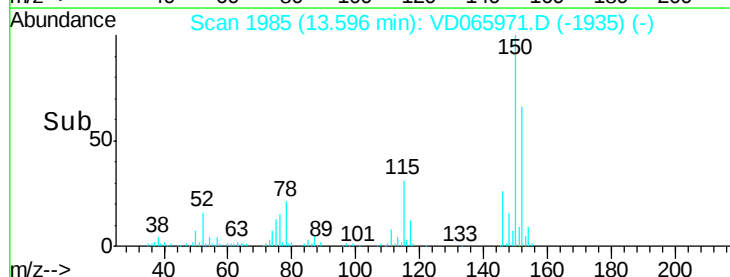
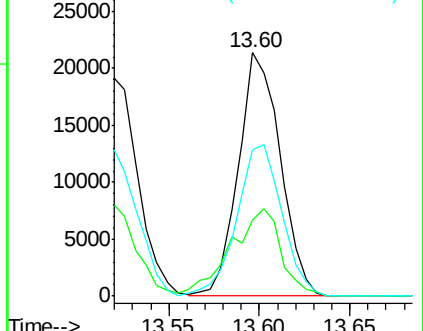
148 67.1 32.2 96.6

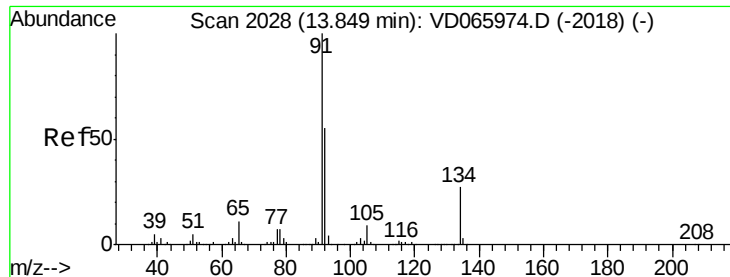


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

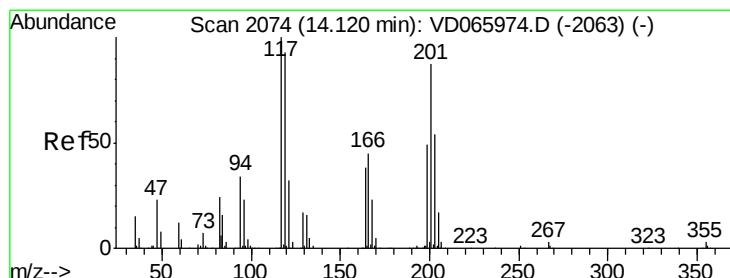
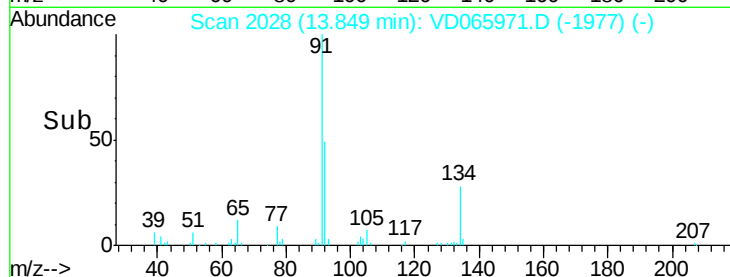
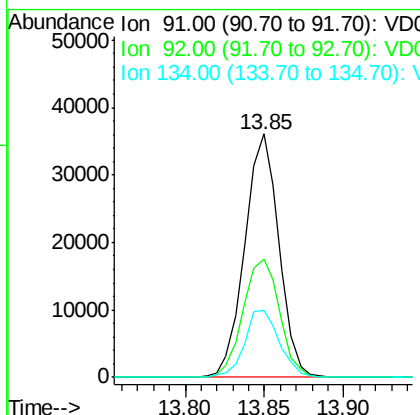
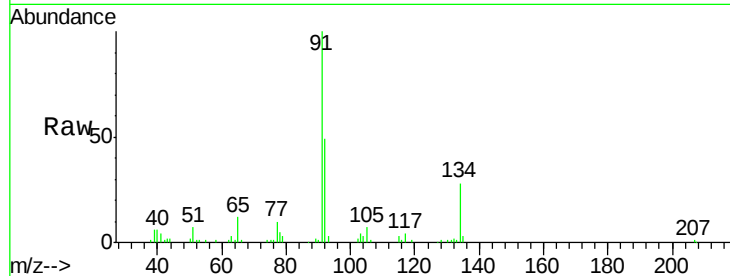




#89
n-Butylbenzene
Concen: 4.345 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

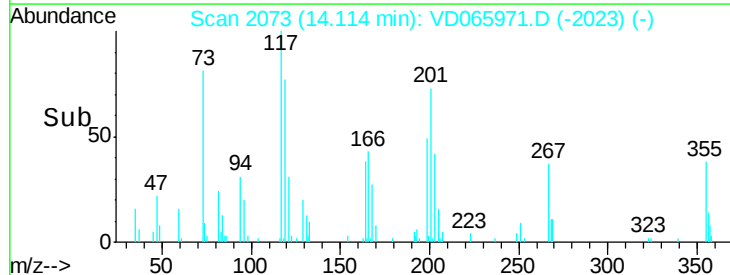
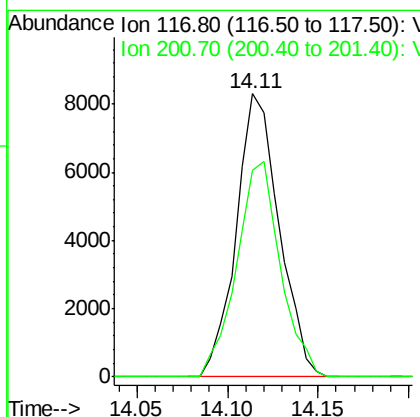
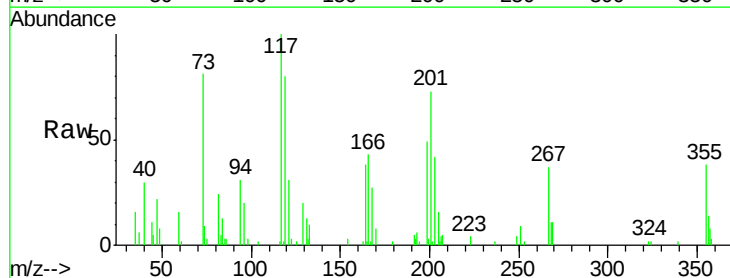
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

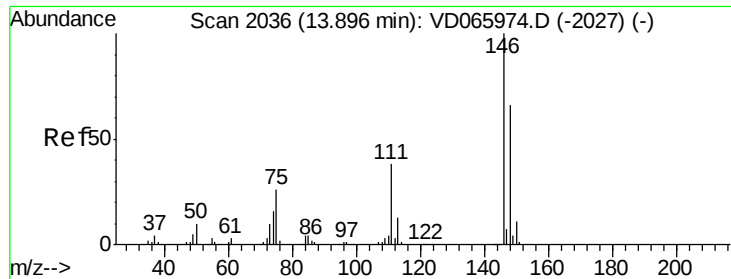
Tgt Ion: 91 Resp: 53971
Ion Ratio Lower Upper
91 100
92 52.0 27.2 81.6
134 27.8 13.8 41.4



#90
Hexachloroethane
Concen: 4.962 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Tgt Ion: 117 Resp: 13677
Ion Ratio Lower Upper
117 100
201 77.5 42.0 126.1

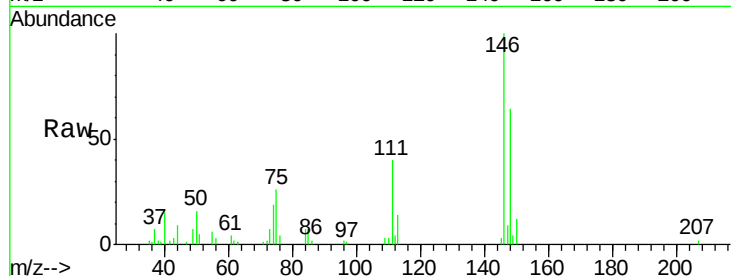




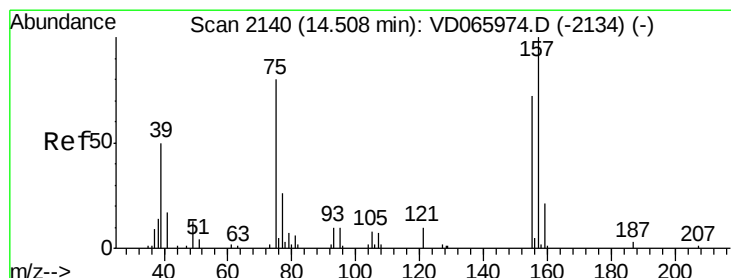
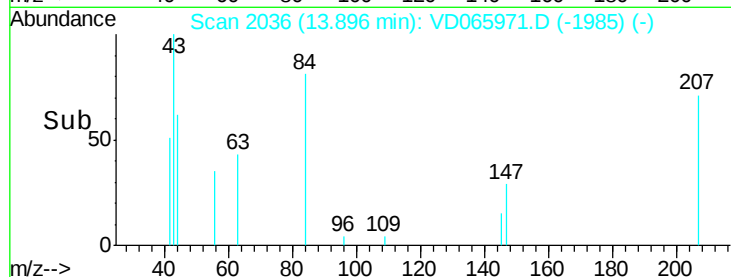
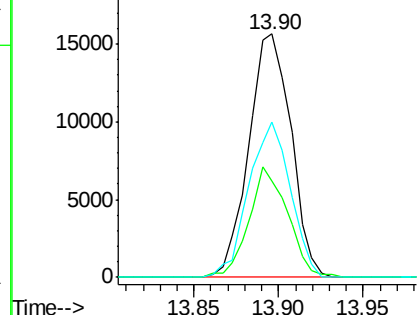
#91
 1,2-Dichlorobenzene
 Concen: 4.381 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 27257
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.3 57.9
 148 62.9 32.7 98.1

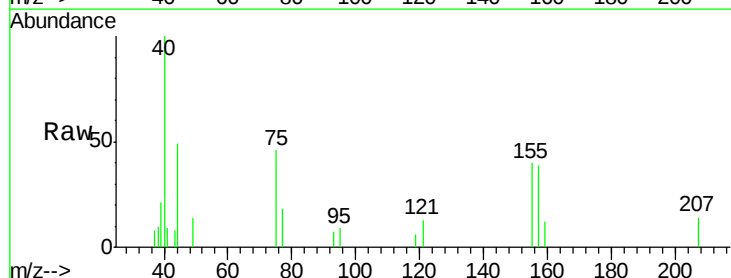


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

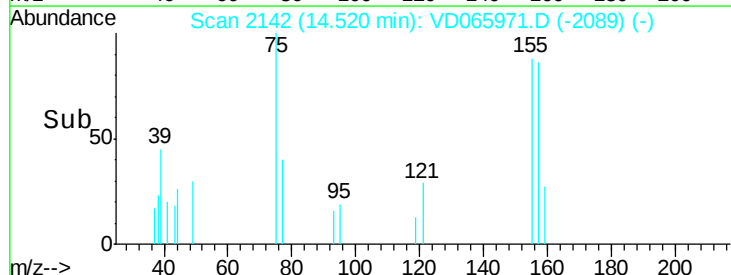
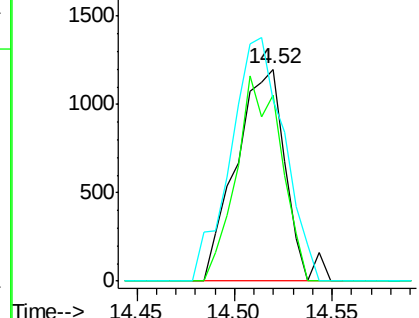


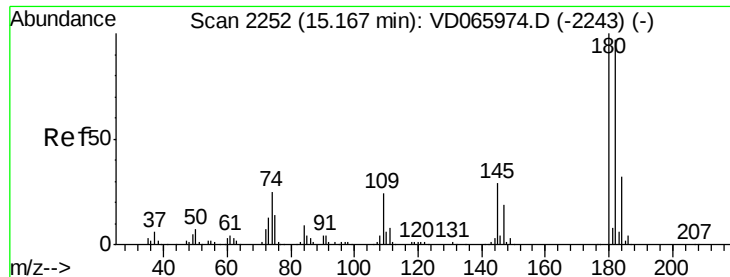
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.361 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Tgt Ion: 75 Resp: 2106
 Ion Ratio Lower Upper
 75 100
 155 87.2 48.5 145.5
 157 123.8 64.7 194.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

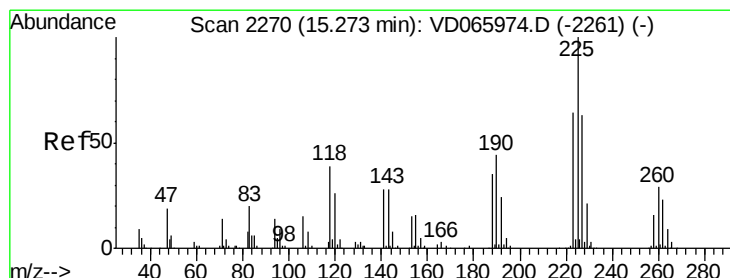
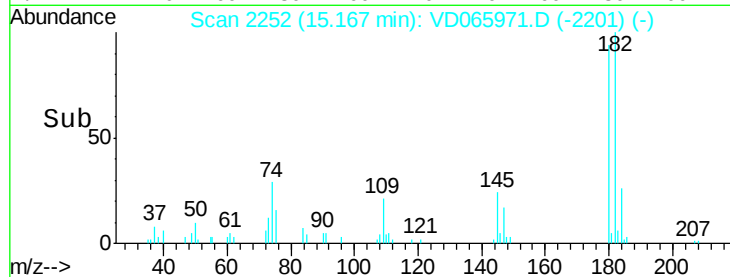
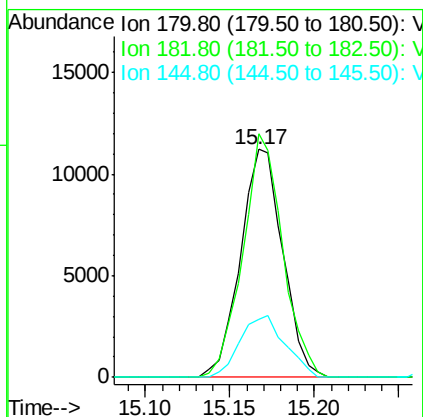
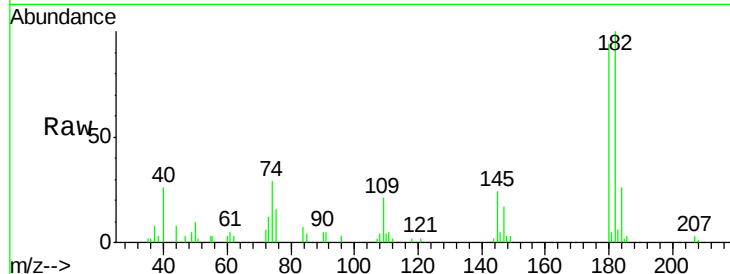




#93
 1,2,4-Trichlorobenzene
 Concen: 4.516 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

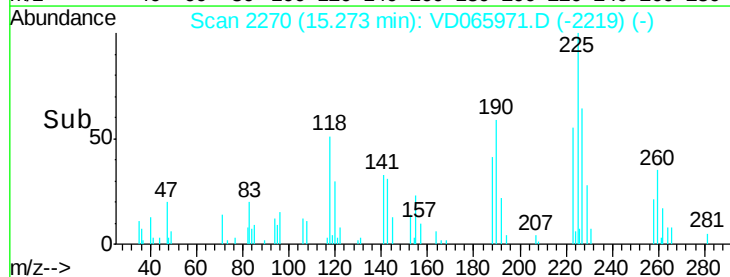
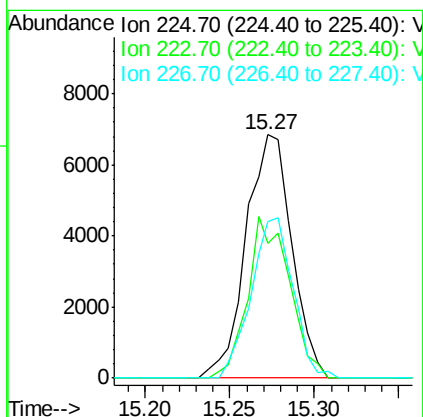
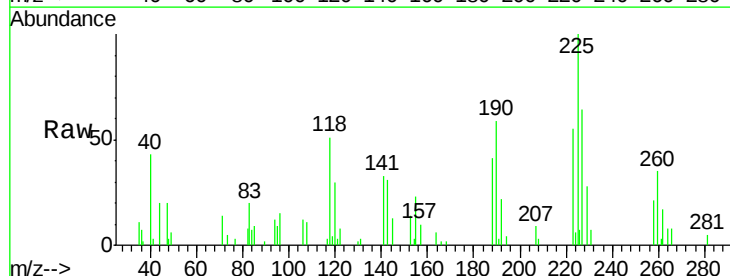
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

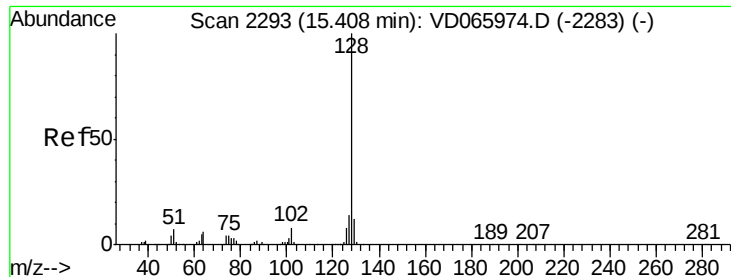
Tgt Ion:180 Resp: 19525
 Ion Ratio Lower Upper
 180 100
 182 100.5 48.1 144.3
 145 28.7 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 4.761 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065971.D
 Acq: 21 Jul 2020 09:55

Tgt Ion:225 Resp: 12888
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.2 93.6
 227 60.2 31.6 94.8

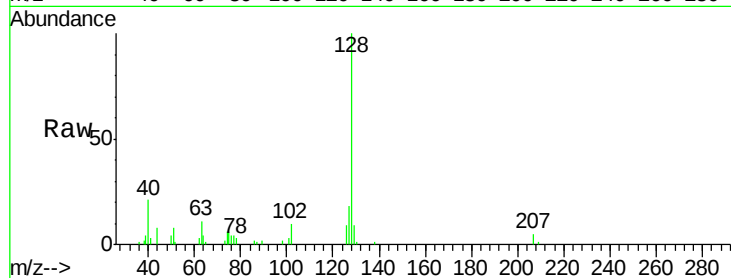




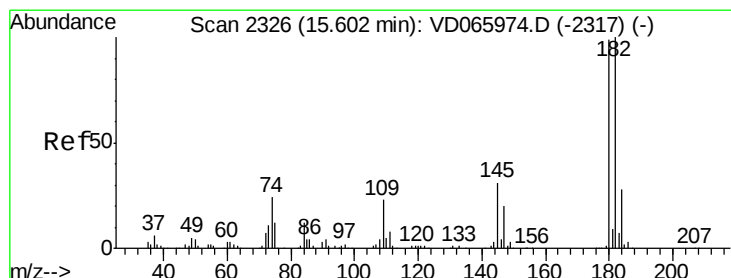
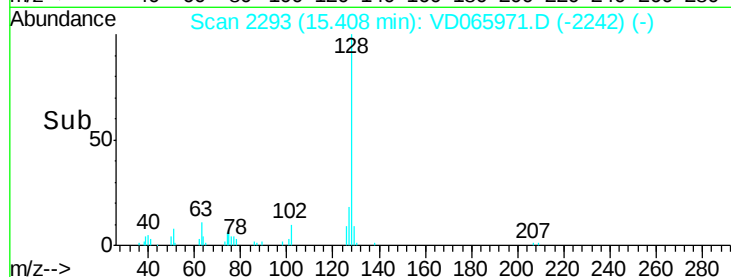
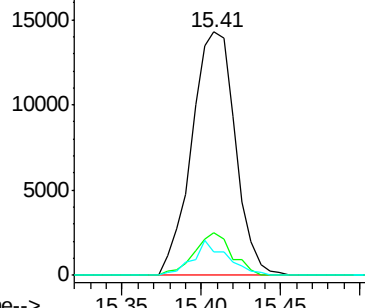
#95
Naphthalene
Concen: 4.115 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 27165
Ion Ratio Lower Upper
128 100
127 15.1 10.8 16.2
129 11.3 8.9 13.3

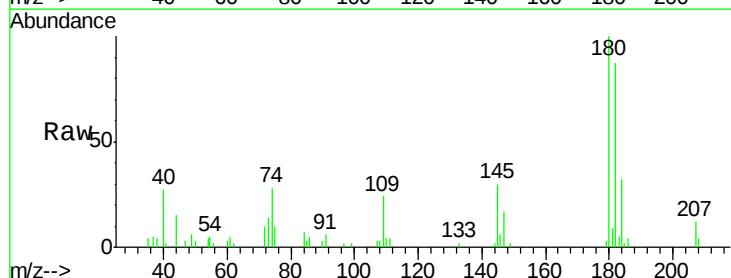


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 4.594 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD065971.D
Acq: 21 Jul 2020 09:55

Tgt Ion:180 Resp: 17383
Ion Ratio Lower Upper
180 100
182 90.8 47.9 143.6
145 30.4 15.4 46.2



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

