

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082120\
 Data File : VD066352.D
 Acq On : 21 Aug 2020 10:58
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 21 12:52:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 12:48:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	243731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	352636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	317079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	166467	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	12862	5.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.64%	
35) Dibromofluoromethane	7.92	113	11687	5.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.50%	
50) Toluene-d8	10.34	98	42603	5.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.40%	
62) 4-Bromofluorobenzene	12.63	95	15782	5.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.68%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.98	85	11274	5.232	ug/l 90
3) Chloromethane	2.21	50	8090	4.888	ug/l 100
4) Vinyl Chloride	2.35	62	8824	5.863	ug/l 89
5) Bromomethane	2.77	94	6724	6.650	ug/l 82
6) Chloroethane	2.92	64	5379	5.775	ug/l 95
7) Trichlorofluoromethane	3.27	101	24052	6.088	ug/l 88
8) Diethyl Ether	3.71	74	5281	4.939	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	4.10	101	11697	5.167	ug/l 99
10) Methyl Iodide	4.29	142	11137	6.026	ug/l 94
11) Tert butyl alcohol	5.18	59	3356	15.312	ug/l # 71
12) 1,1-Dichloroethene	4.06	96	10698	4.994	ug/l 95
13) Acrolein	3.92	56	1799	10.942	ug/l # 30
14) Allyl chloride	4.71	41	13314	4.185	ug/l 98
15) Acrylonitrile	5.42	53	10134	22.630	ug/l 96
16) Acetone	4.16	43	12885	31.136	ug/l 94
17) Carbon Disulfide	4.41	76	31485	4.651	ug/l 98
18) Methyl Acetate	4.71	43	4107	4.021	ug/l 92
19) Methyl tert-butyl Ether	5.46	73	24804	5.005	ug/l 97
20) Methylene Chloride	4.96	84	24615	8.797	ug/l # 92
21) trans-1,2-Dichloroethene	5.48	96	13081	5.324	ug/l # 81
22) Diisopropyl ether	6.36	45	26123	4.153	ug/l 96
23) Vinyl Acetate	6.30	43	79643	21.461	ug/l 99
24) 1,1-Dichloroethane	6.26	63	19069	4.825	ug/l # 81
25) 2-Butanone	7.21	43	14082	23.814	ug/l 96
26) 2,2-Dichloropropane	7.21	77	21632	5.895	ug/l 95
27) cis-1,2-Dichloroethene	7.21	96	13127	5.075	ug/l 97
28) Bromochloromethane	7.54	49	5970	4.313	ug/l # 96
29) Tetrahydrofuran	7.56	42	7148	19.808	ug/l 96
30) Chloroform	7.71	83	21907	5.176	ug/l 92
31) Cyclohexane	7.97	56	20672	5.520	ug/l # 76
32) 1,1,1-Trichloroethane	7.90	97	23575	5.868	ug/l 98
36) 1,1-Dichloropropene	8.10	75	17057	5.163	ug/l 98
37) Ethyl Acetate	7.30	43	5233	4.054	ug/l # 89
38) Carbon Tetrachloride	8.09	117	22154	5.822	ug/l 93

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 Data File : VD066352.D
 Acq On : 21 Aug 2020 10:58
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC005

Quant Time: Aug 21 12:52:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 12:48:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	20625	5.143	ug/l #	92
40) Benzene	8.35	78	44907	4.910	ug/l #	89
41) Methacrylonitrile	7.53	41	3707	4.799	ug/l #	18
42) 1,2-Dichloroethane	8.43	62	15911	5.745	ug/l	99
43) Isopropyl Acetate	8.44	43	11338	4.453	ug/l #	80
44) Trichloroethene	9.10	130	14768	5.314	ug/l	86
45) 1,2-Dichloropropane	9.38	63	10170	4.596	ug/l	89
46) Dibromomethane	9.47	93	6247	5.055	ug/l	95
47) Bromodichloromethane	9.66	83	16691	5.062	ug/l	99
48) Methyl methacrylate	9.44	41	6333	4.942	ug/l #	83
49) 1,4-Dioxane	9.46	88	1409	89.116	ug/l	89
51) 4-Methyl-2-Pentanone	10.23	43	26962	20.807	ug/l	100
52) Toluene	10.40	92	28109	4.655	ug/l	92
53) t-1,3-Dichloropropene	10.62	75	16084	5.142	ug/l #	88
54) cis-1,3-Dichloropropene	10.09	75	17528	4.815	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	9051	5.121	ug/l #	83
56) Ethyl methacrylate	10.66	69	8883	4.208	ug/l	99
57) 1,3-Dichloropropane	10.94	76	14034	4.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	19190	20.486	ug/l	92
59) 2-Hexanone	10.98	43	18355	20.090	ug/l	100
60) Dibromochloromethane	11.14	129	12855	5.220	ug/l	98
61) 1,2-Dibromoethane	11.24	107	8477	4.999	ug/l	100
64) Tetrachloroethene	10.87	164	13386	5.462	ug/l	93
65) Chlorobenzene	11.67	112	33735	5.209	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.75	131	14183	5.579	ug/l	97
67) Ethyl Benzene	11.74	91	56668	5.030	ug/l	92
68) m/p-Xylenes	11.86	106	44006	10.130	ug/l	97
69) o-Xylene	12.18	106	19648	4.980	ug/l	97
70) Styrene	12.20	104	34136	4.942	ug/l	96
71) Bromoform	12.36	173	7967	5.317	ug/l #	94
73) Isopropylbenzene	12.48	105	56755	5.082	ug/l	99
74) N-amyl acetate	12.28	43	9756	4.089	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	8519	4.575	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	11641	8.477	ug/l #	1
77) Bromobenzene	12.77	156	15232	5.296	ug/l	97
78) n-propylbenzene	12.83	91	66580	5.142	ug/l	100
79) 2-Chlorotoluene	12.91	91	38250	5.177	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	48018	5.109	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	2828	4.561	ug/l	93
82) 4-Chlorotoluene	13.01	91	40283	5.149	ug/l	100
83) tert-Butylbenzene	13.23	119	43734	5.326	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	46617	4.987	ug/l	99
85) sec-Butylbenzene	13.41	105	53768	4.856	ug/l	98
86) p-Isopropyltoluene	13.52	119	53687	5.143	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	29423	5.451	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	28316	5.275	ug/l	91
89) n-Butylbenzene	13.84	91	48113	5.161	ug/l	98
90) Hexachloroethane	14.11	117	10899	5.246	ug/l	91
91) 1,2-Dichlorobenzene	13.90	146	22853	4.813	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1972	6.000	ug/l	74

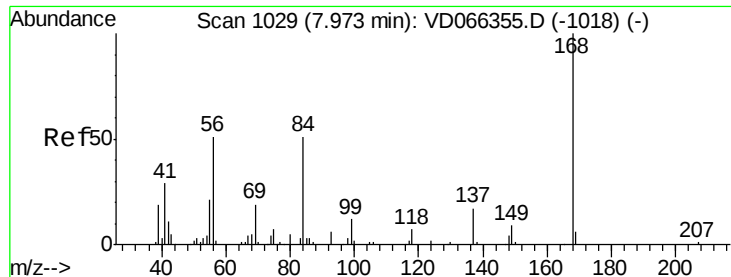
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082120\
Data File : VD066352.D
Acq On : 21 Aug 2020 10:58
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Aug 21 12:52:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 12:48:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	18443	5.223	ug/l	99
94) Hexachlorobutadiene	15.27	225	11598	5.508	ug/l	95
95) Naphthalene	15.41	128	27860	4.880	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	15117	4.865	ug/l	97

(#) = 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. 0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

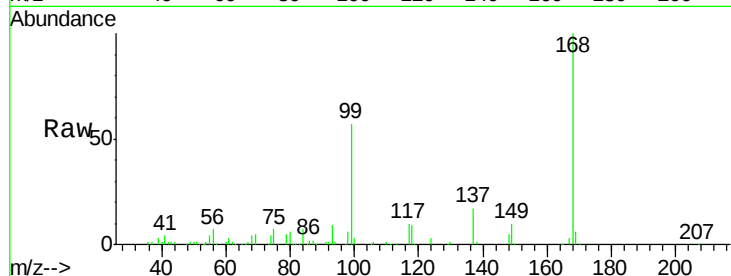
VSTDIC005

Tgt Ion:168 Resp: 243731

Ion Ratio Lower Upper

168 100

99 56.4 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

60000

40000

20000

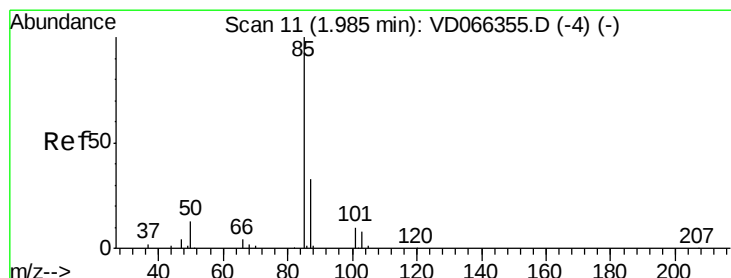
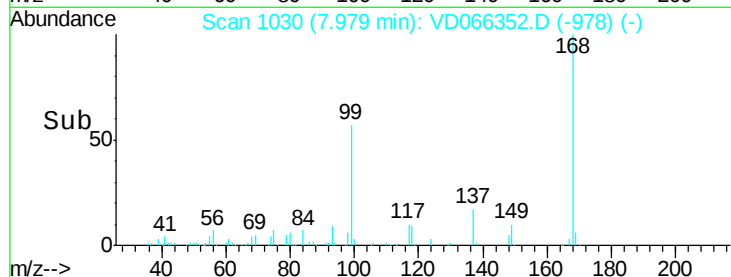
0

Time-->

7.90

8.00

8.10



#2

Dichlorodifluoromethane

Concen: 5.232 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066352.D

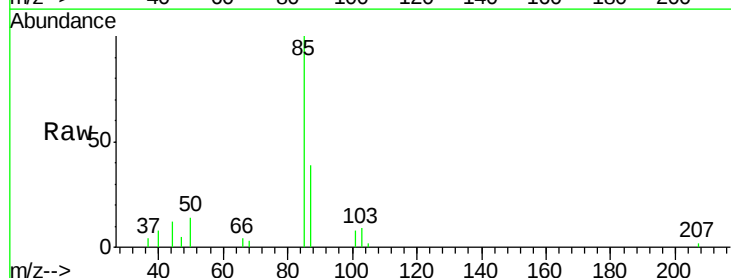
Acq: 21 Aug 2020 10:58

Tgt Ion: 85 Resp: 11274

Ion Ratio Lower Upper

85 100

87 38.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

10000

8000

6000

4000

2000

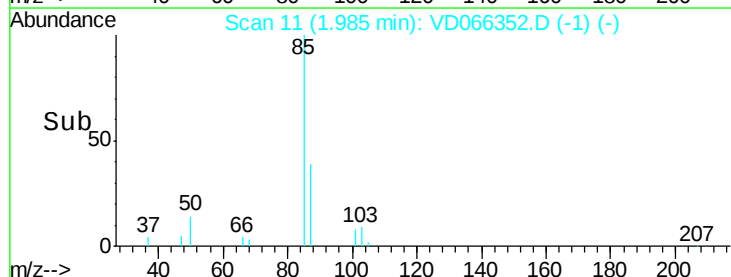
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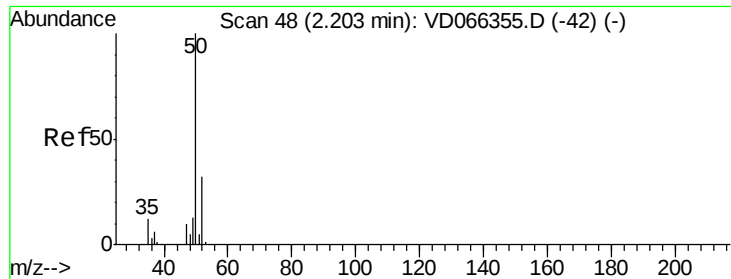
Time-->

1.95

2.00

2.05





#3

Chloromethane

Concen: 4.888 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

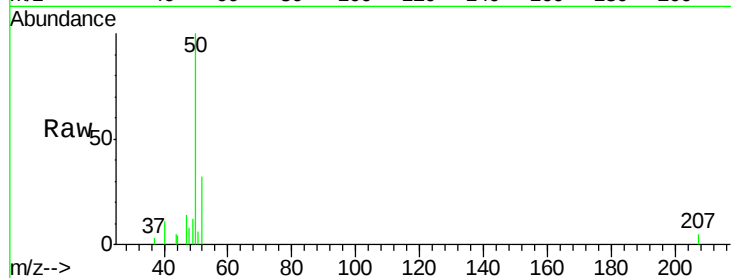
VSTDIC005

Tgt Ion: 50 Resp: 8090

Ion Ratio Lower Upper

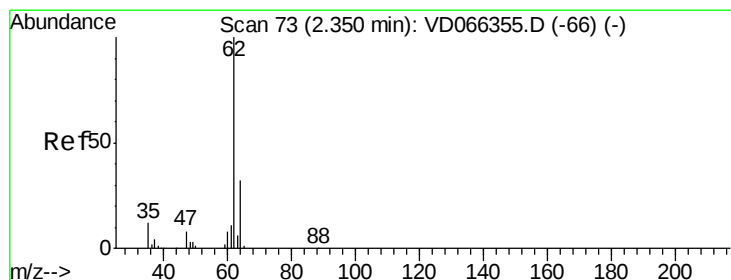
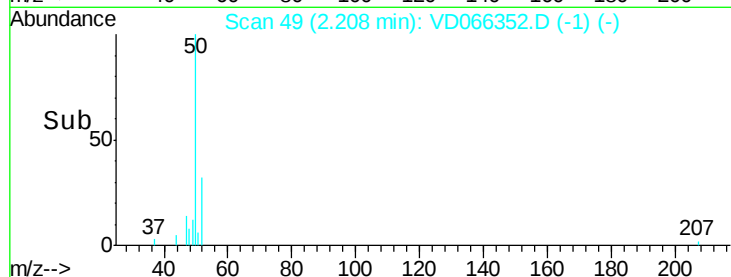
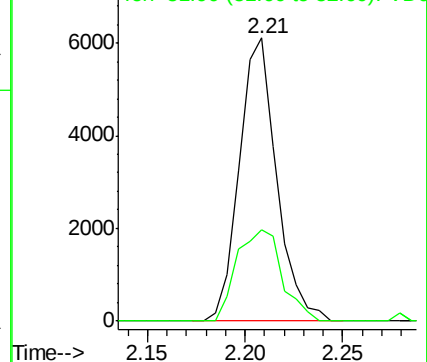
50 100

52 32.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 5.863 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066352.D

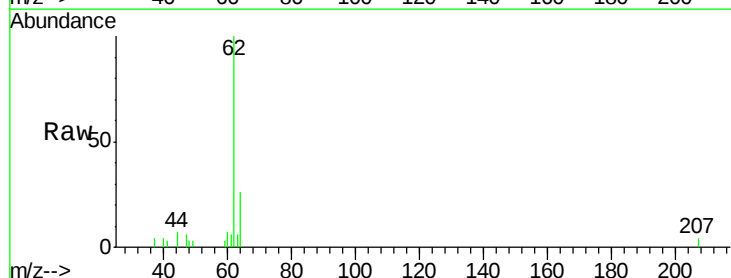
Acq: 21 Aug 2020 10:58

Tgt Ion: 62 Resp: 8824

Ion Ratio Lower Upper

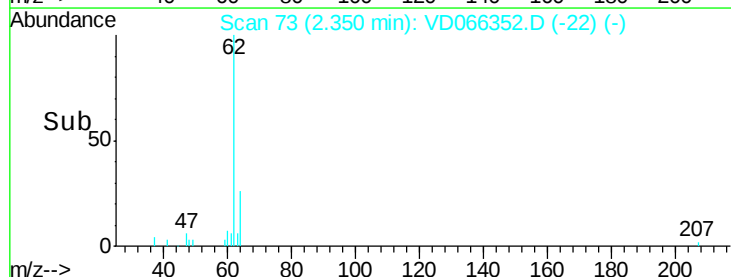
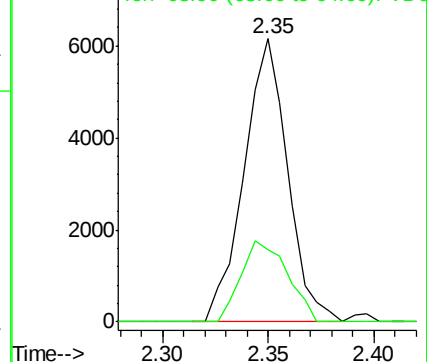
62 100

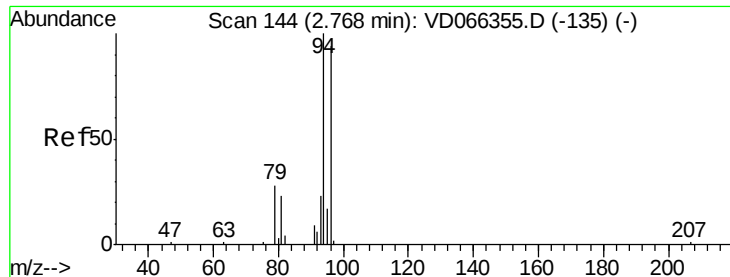
64 25.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 6.650 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

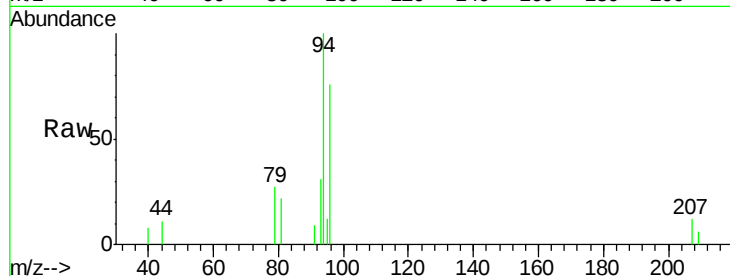
VSTDIC005

Tgt Ion: 94 Resp: 6724

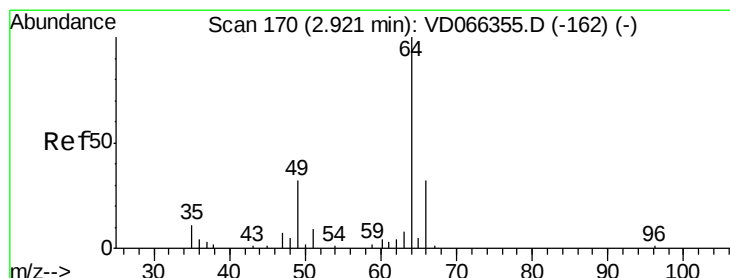
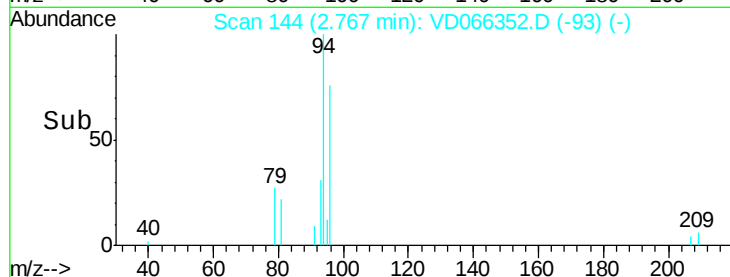
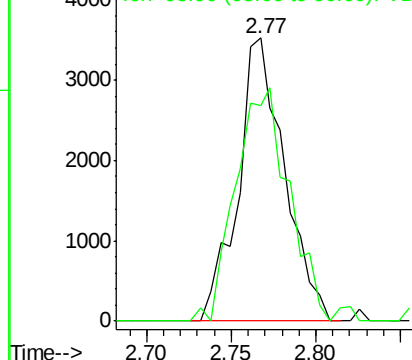
Ion Ratio Lower Upper

94 100

96 76.3 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 5.775 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066352.D

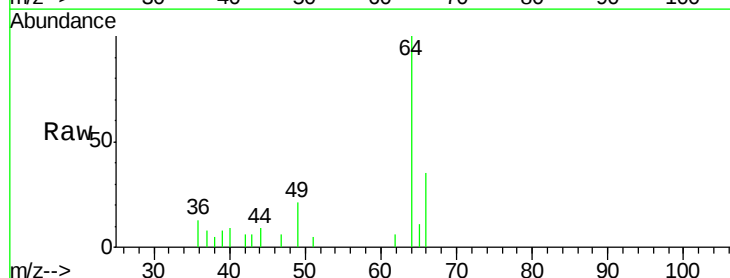
Acq: 21 Aug 2020 10:58

Tgt Ion: 64 Resp: 5379

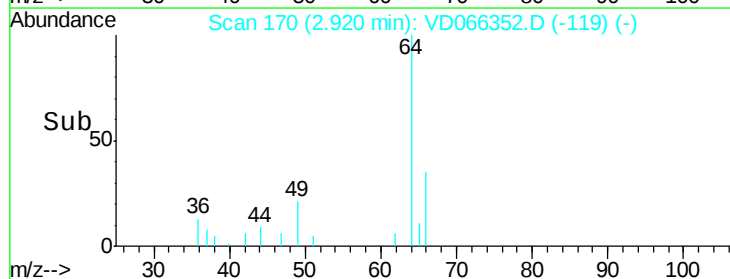
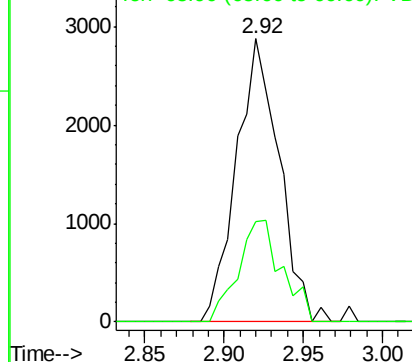
Ion Ratio Lower Upper

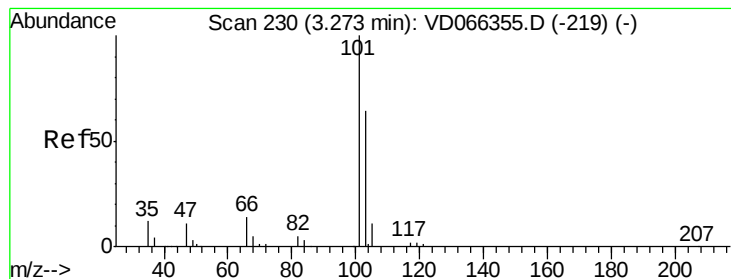
64 100

66 35.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



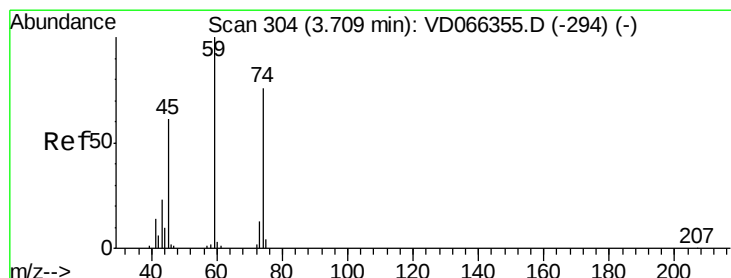
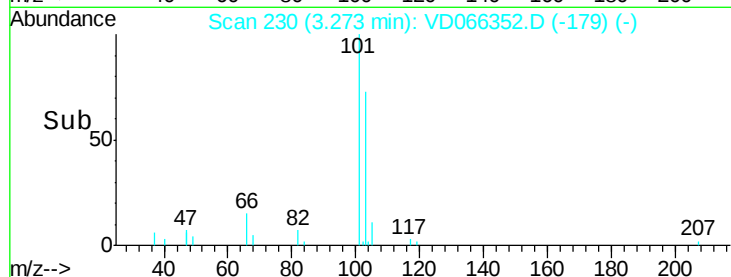
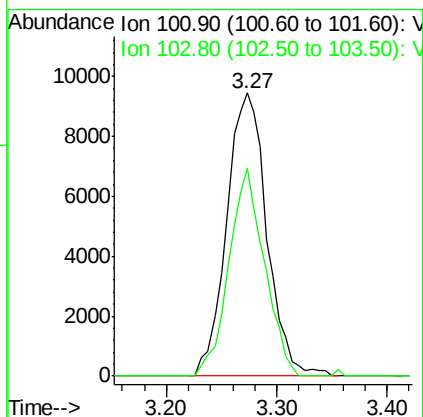
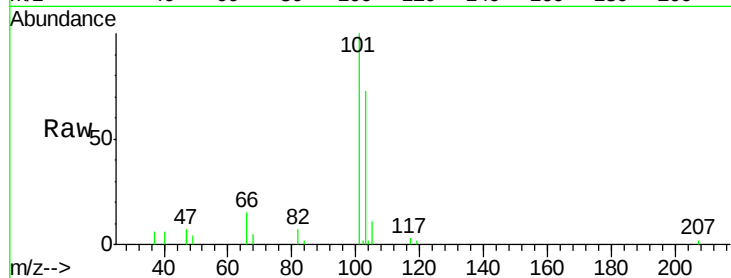


#7

Trichlorofluoromethane
 Concen: 6.088 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

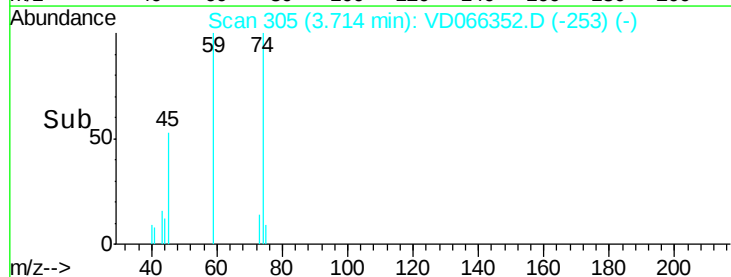
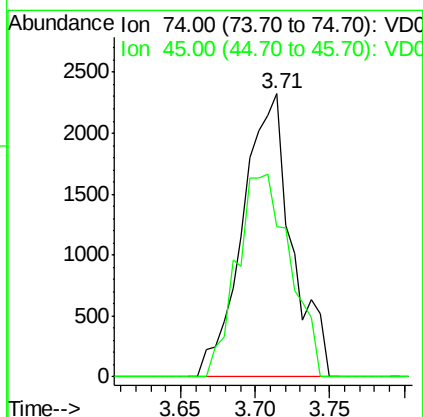
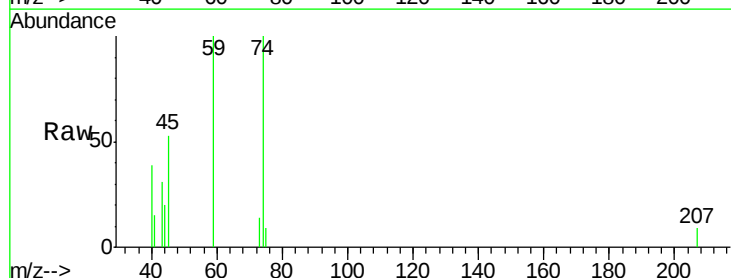
Tgt Ion: 101 Resp: 24052
 Ion Ratio Lower Upper
 101 100
 103 73.2 51.4 77.0

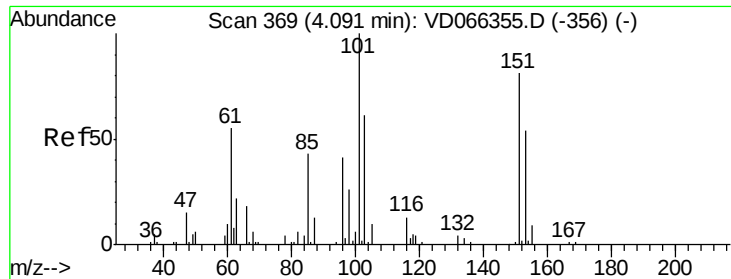


#8

Diethyl Ether
 Concen: 4.939 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Tgt Ion: 74 Resp: 5281
 Ion Ratio Lower Upper
 74 100
 45 77.8 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.167 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

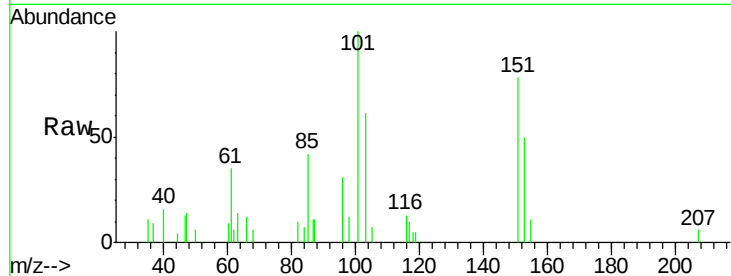
Tgt Ion:101 Resp: 11697

Ion Ratio Lower Upper

101 100

85 45.2 36.4 54.6

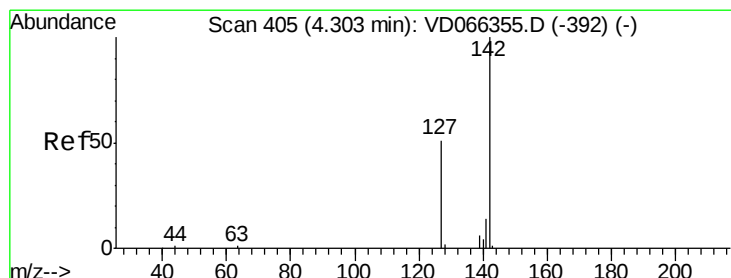
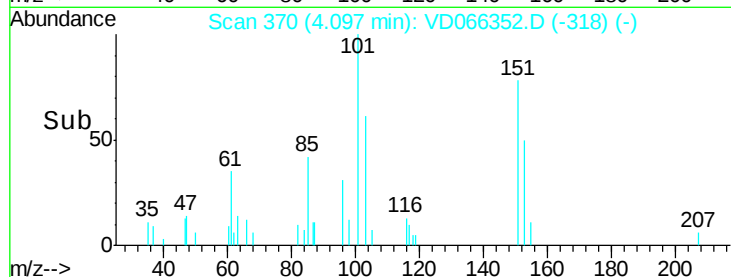
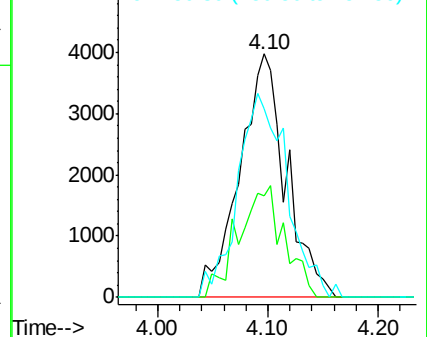
151 89.2 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 6.026 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

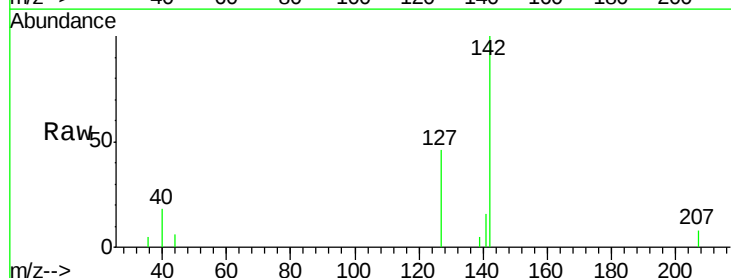
Tgt Ion:142 Resp: 11137

Ion Ratio Lower Upper

142 100

127 47.8 41.8 62.8

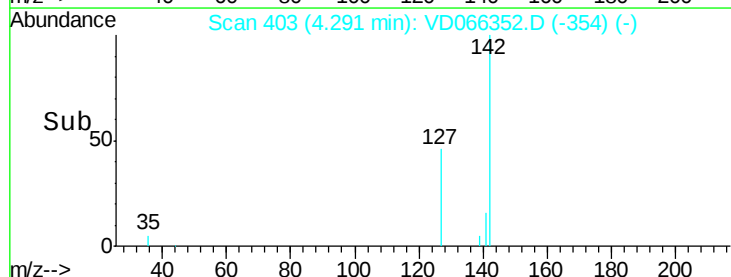
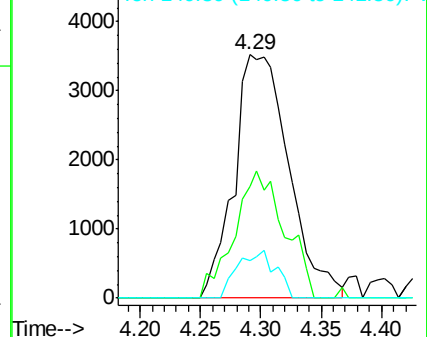
141 13.5 11.8 17.6

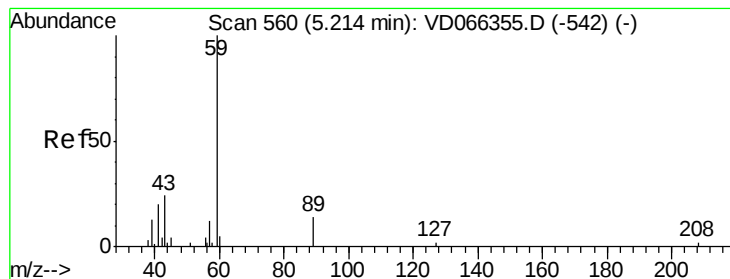


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 15.312 ug/l

RT: 5.18 min Scan# 555

Delta R.T. -0.03 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

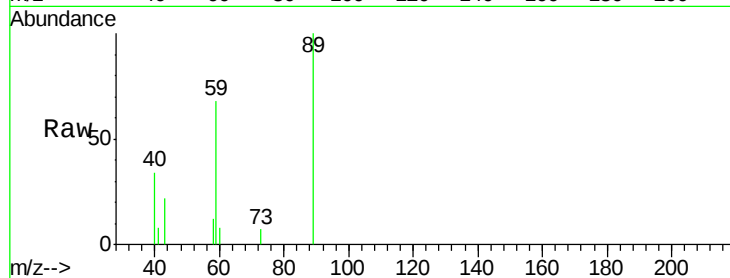
VSTDIC005

Tgt Ion: 59 Resp: 3356

Ion Ratio Lower Upper

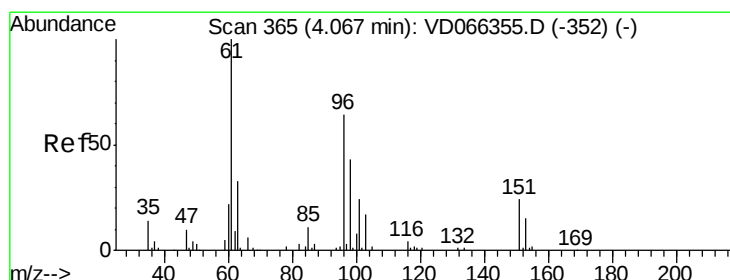
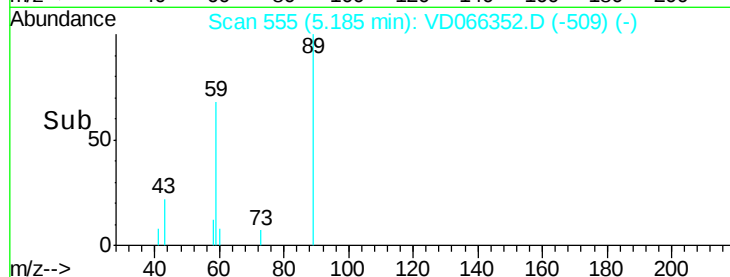
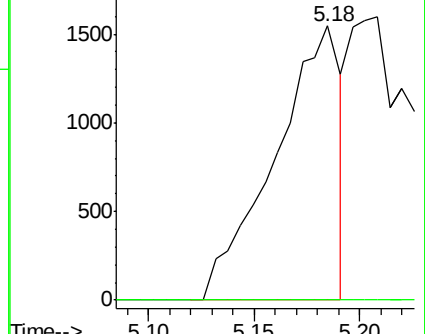
59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 4.994 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

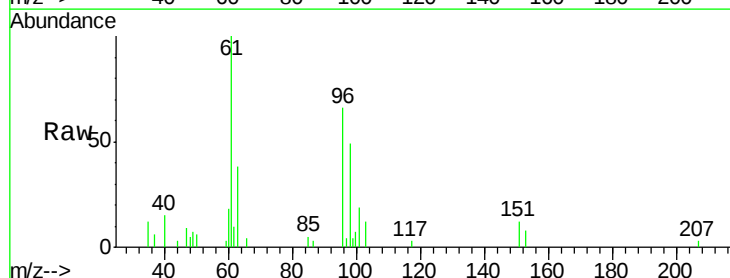
Tgt Ion: 96 Resp: 10698

Ion Ratio Lower Upper

96 100

61 152.1 124.3 186.5

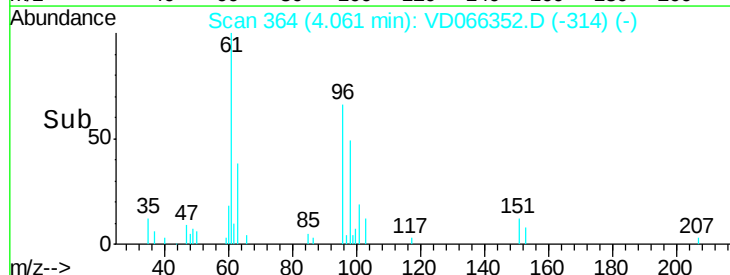
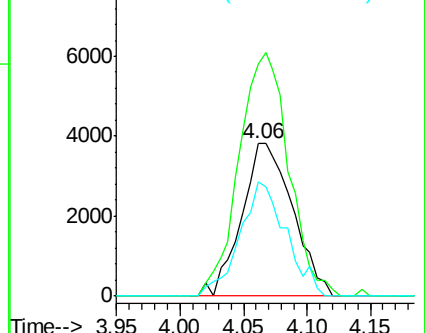
98 75.3 53.2 79.8

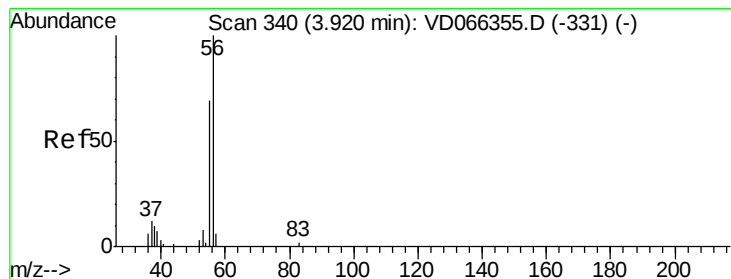


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 10.942 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

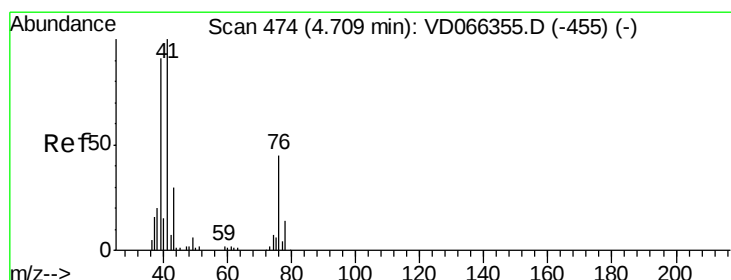
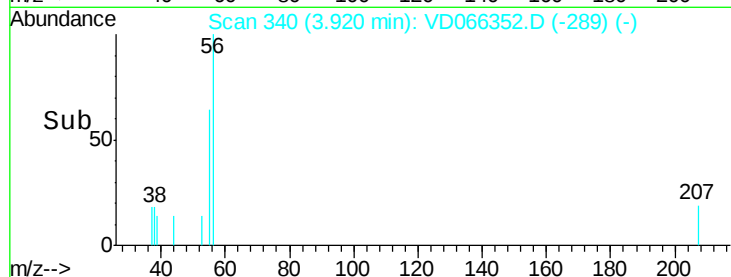
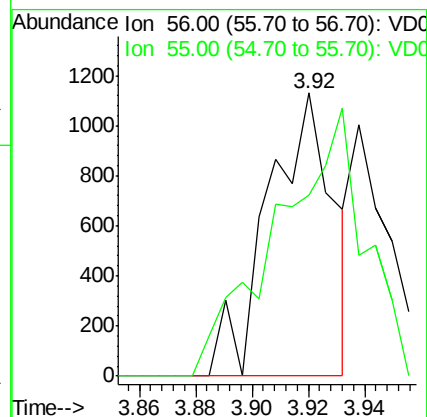
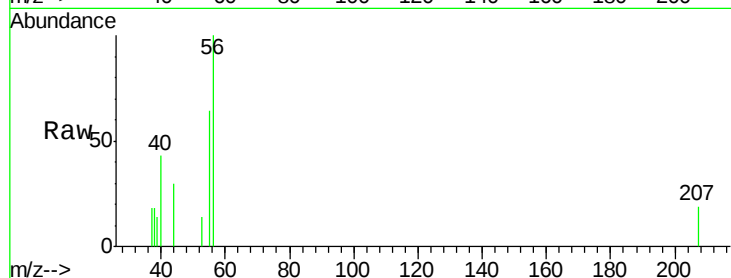
VSTDIC005

Tgt Ion: 56 Resp: 1799

Ion Ratio Lower Upper

56 100

55 126.7 55.5 83.3#



#14

Allyl chloride

Concen: 4.185 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

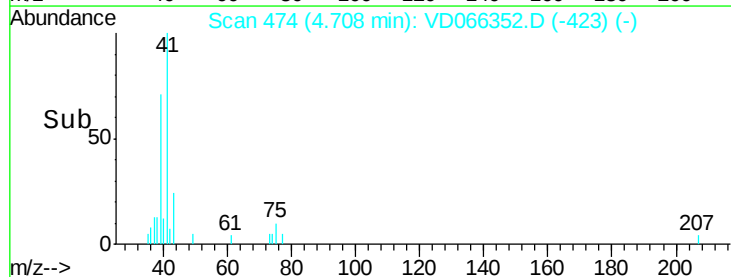
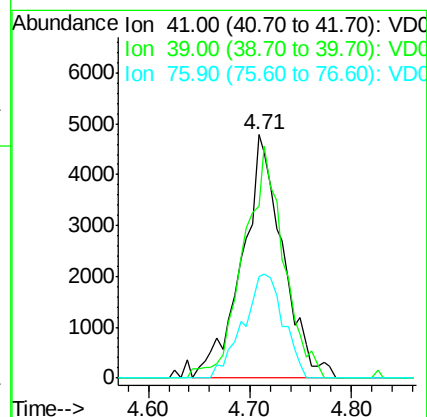
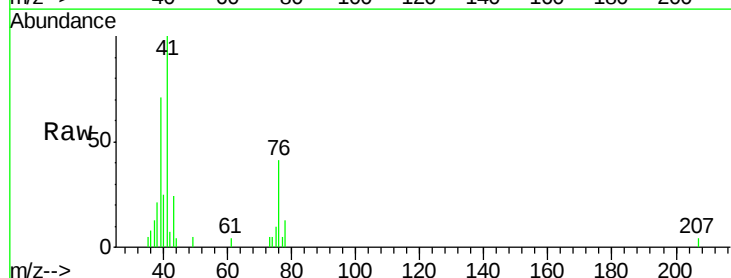
Tgt Ion: 41 Resp: 13314

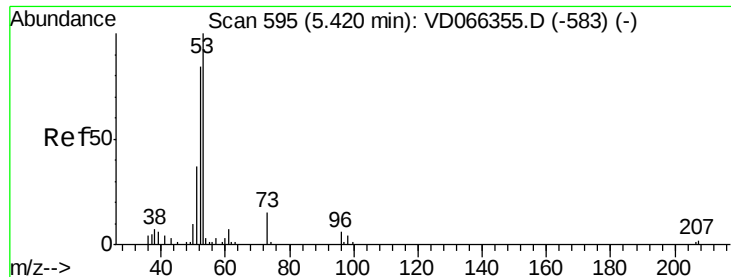
Ion Ratio Lower Upper

41 100

39 93.8 72.8 109.2

76 42.1 34.0 51.0





#15

Acrylonitrile

Concen: 22.630 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

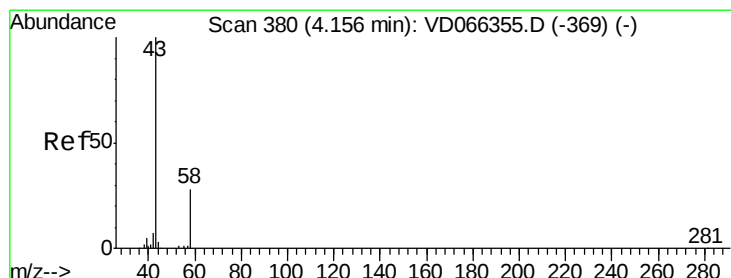
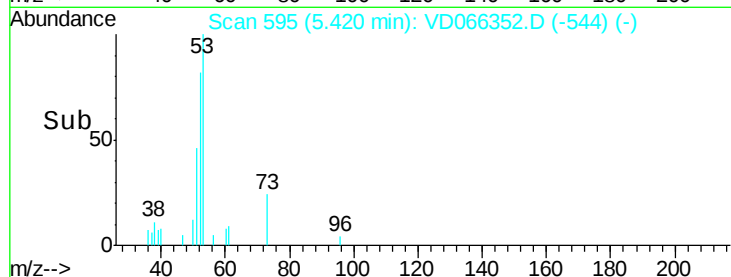
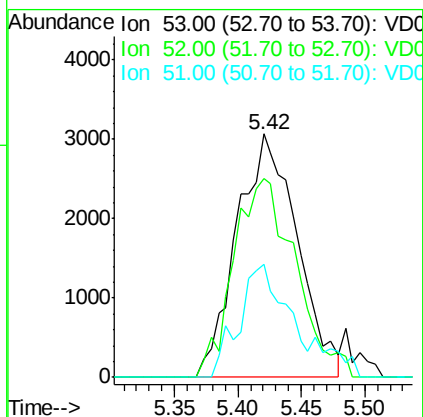
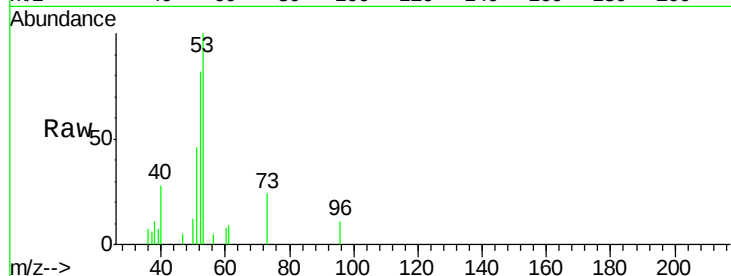
Tgt Ion: 53 Resp: 10134

Ion Ratio Lower Upper

53 100

52 83.9 68.1 102.1

51 36.8 33.8 50.6



#16

Acetone

Concen: 31.136 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066352.D

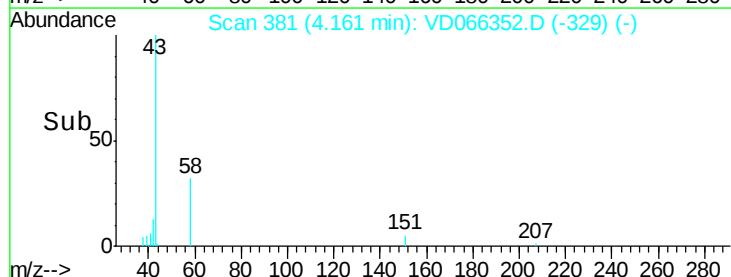
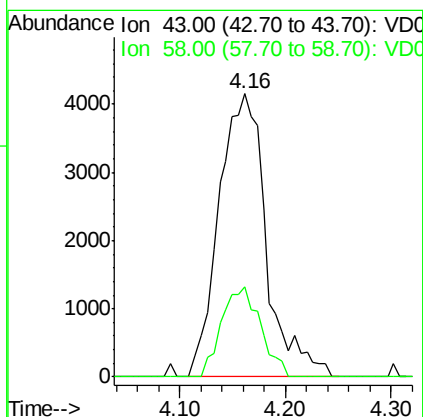
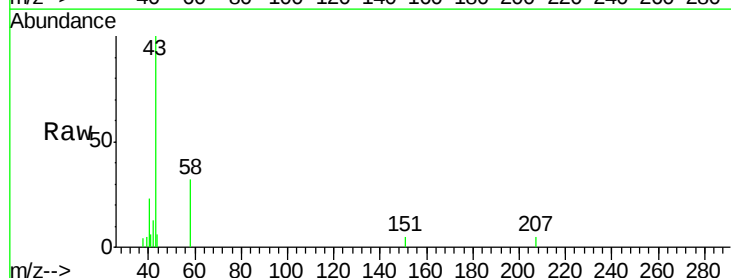
Acq: 21 Aug 2020 10:58

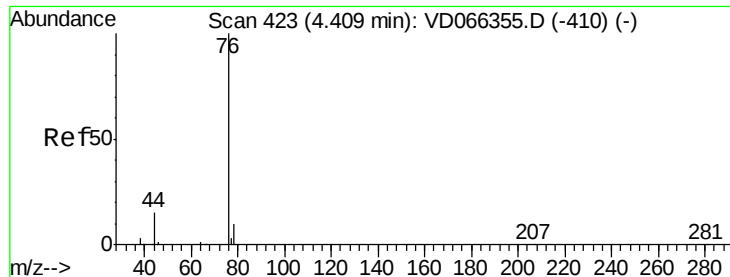
Tgt Ion: 43 Resp: 12885

Ion Ratio Lower Upper

43 100

58 31.8 22.7 34.1





#17

Carbon Disulfide

Concen: 4.651 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

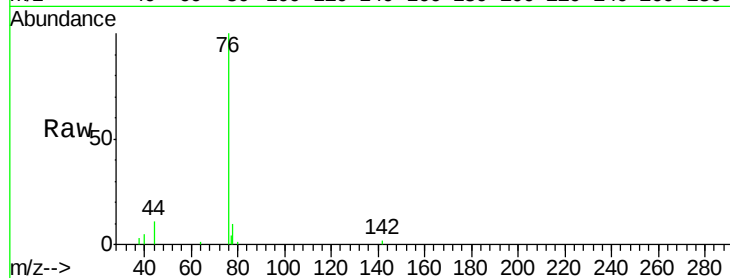
VSTDIC005

Tgt Ion: 76 Resp: 31485

Ion Ratio Lower Upper

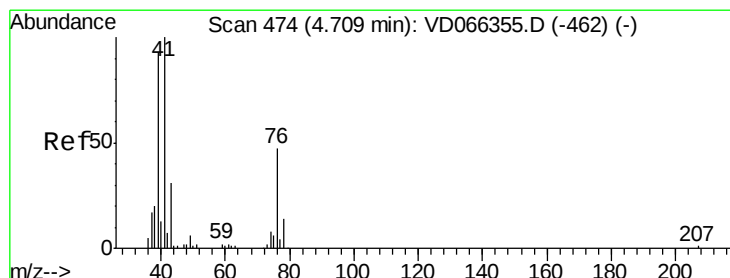
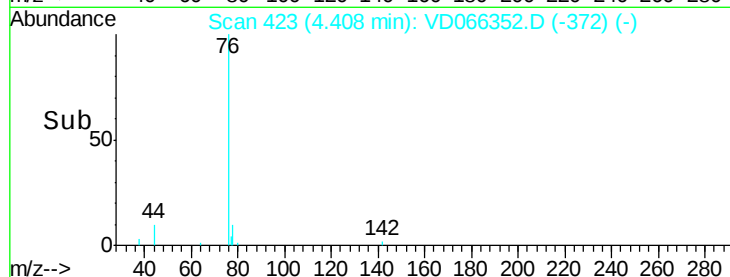
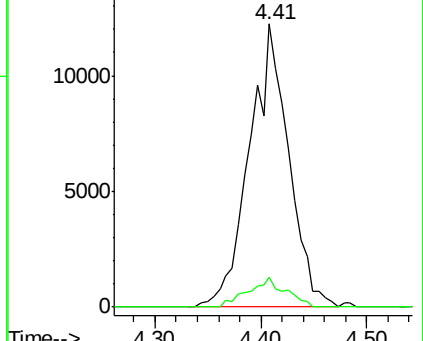
76 100

78 10.5 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 4.021 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066352.D

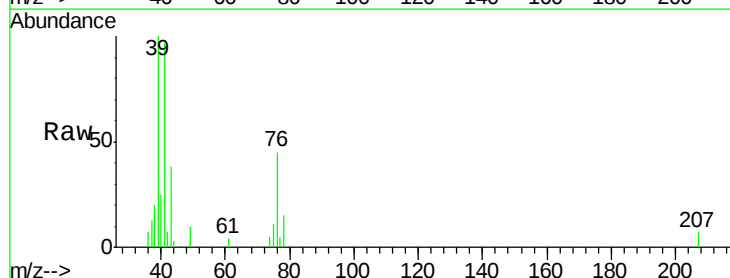
Acq: 21 Aug 2020 10:58

Tgt Ion: 43 Resp: 4107

Ion Ratio Lower Upper

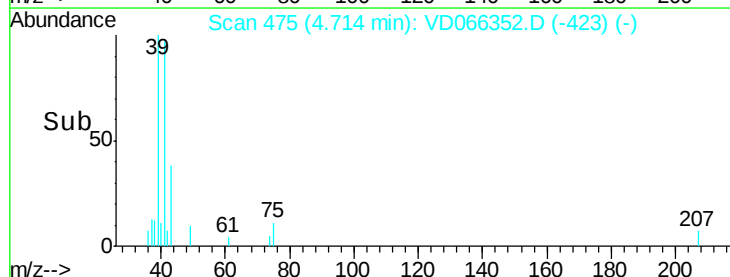
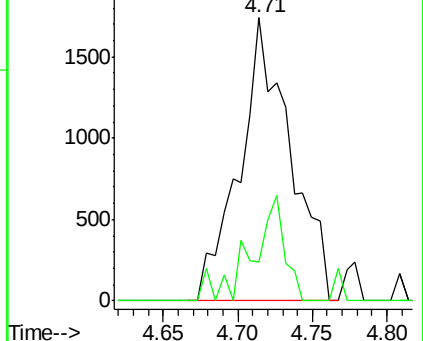
43 100

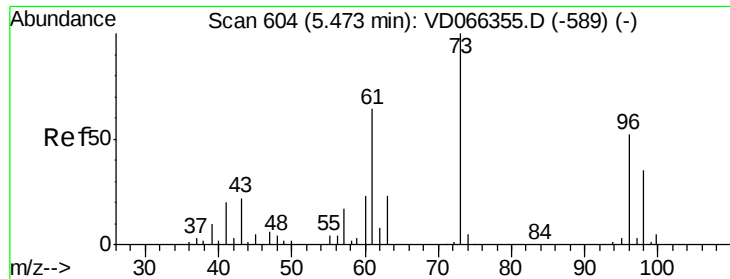
74 22.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

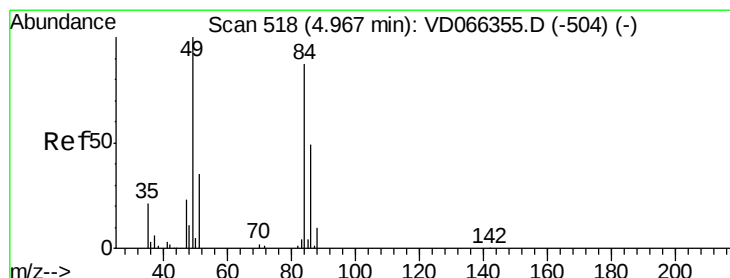
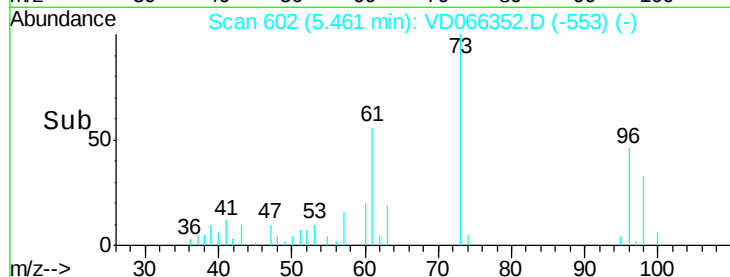
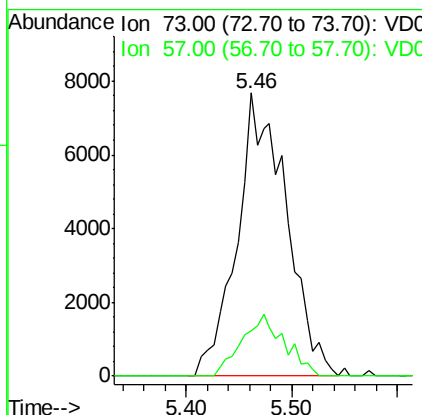
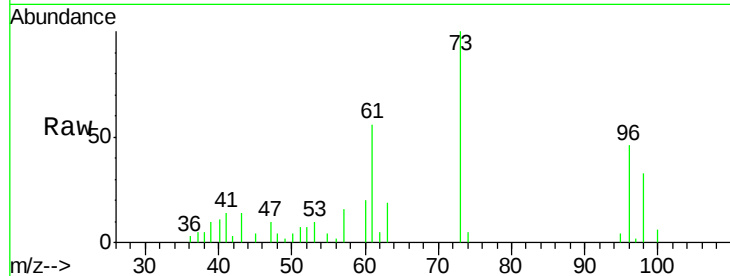




#19
Methyl tert-butyl Ether
Concen: 5.005 ug/l
RT: 5.46 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

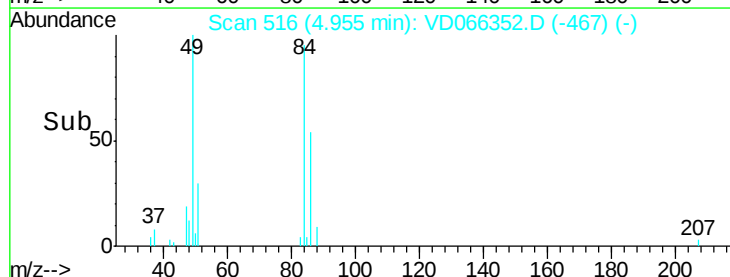
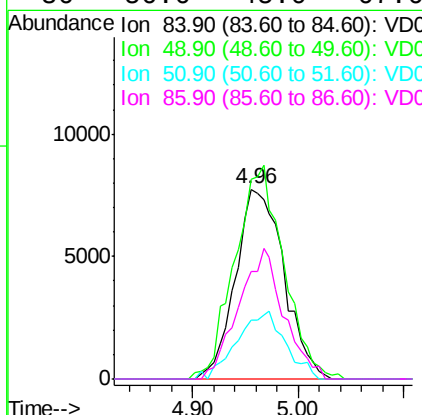
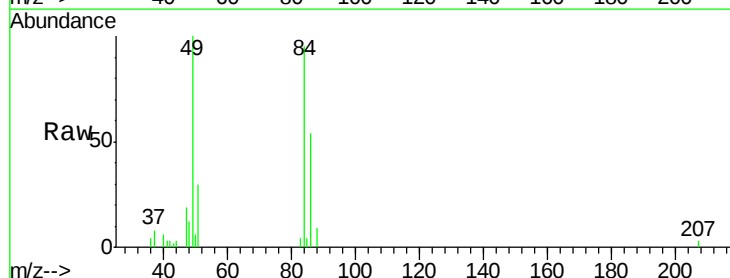
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

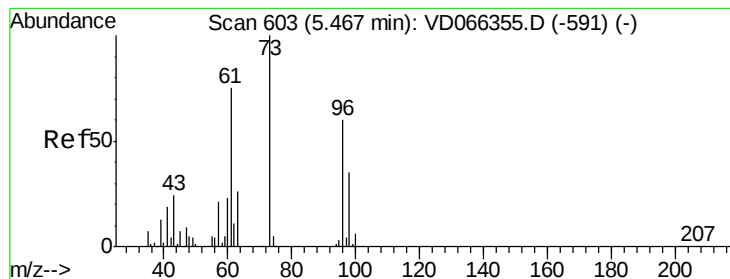
Tgt Ion: 73 Resp: 24804
Ion Ratio Lower Upper
73 100
57 16.1 13.8 20.6



#20
Methylene Chloride
Concen: 8.797 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion: 84 Resp: 24615
Ion Ratio Lower Upper
84 100
49 105.0 92.5 138.7
51 31.0 32.5 48.7#
86 56.6 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 5.324 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

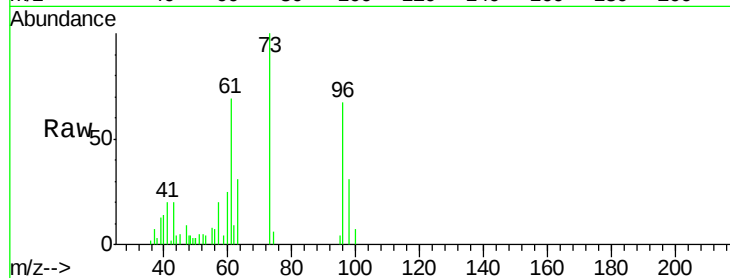
Tgt Ion: 96 Resp: 13081

Ion Ratio Lower Upper

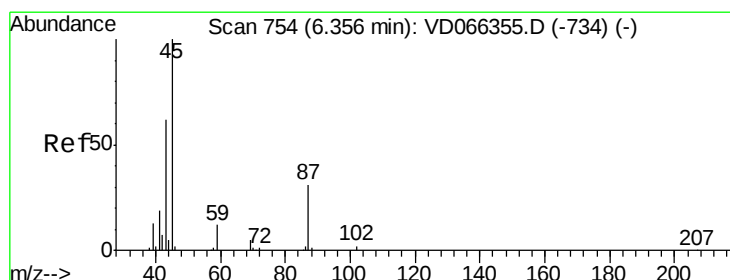
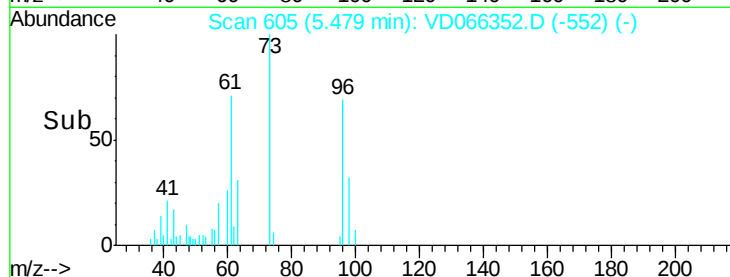
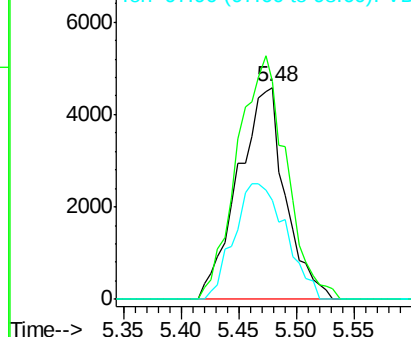
96 100

61 102.9 101.1 151.7

98 46.9 47.0 70.6#



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



#22

Diisopropyl ether

Concen: 4.153 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Tgt Ion: 45 Resp: 26123

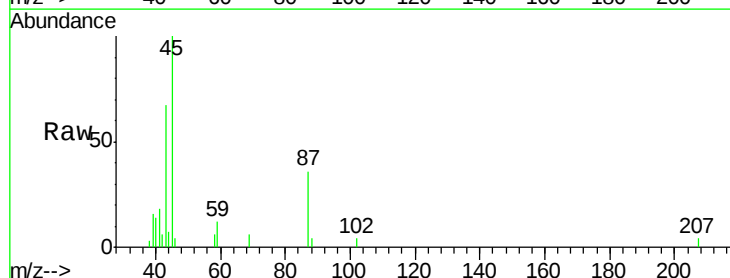
Ion Ratio Lower Upper

45 100

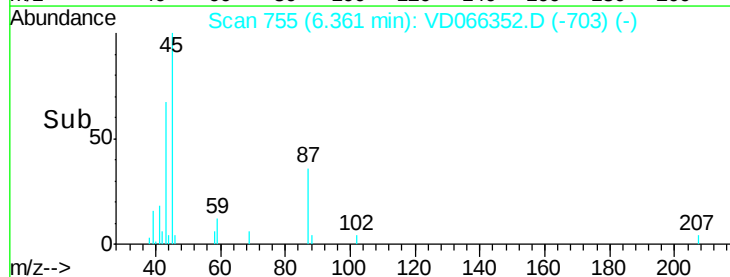
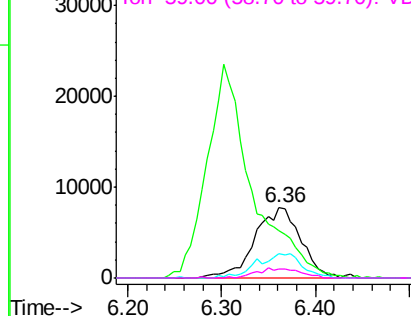
43 64.1 49.8 74.8

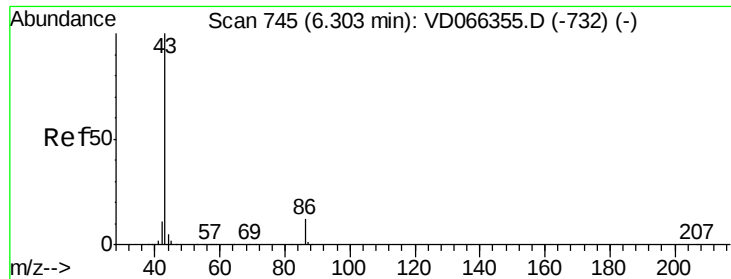
87 35.6 25.0 37.6

59 12.0 9.6 14.4



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: 21.461 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

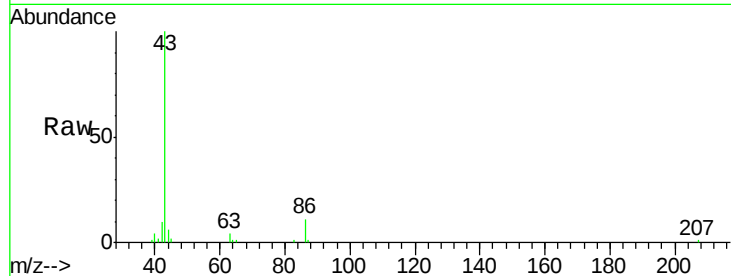
VSTDIC005

Tgt Ion: 43 Resp: 79643

Ion Ratio Lower Upper

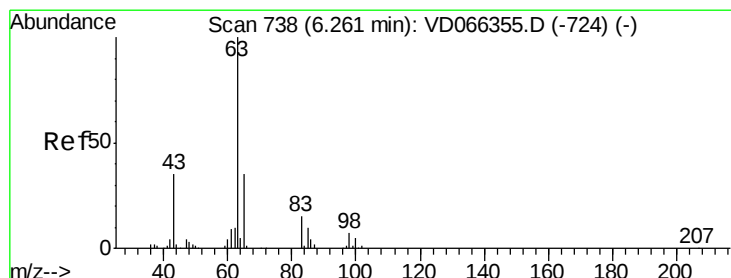
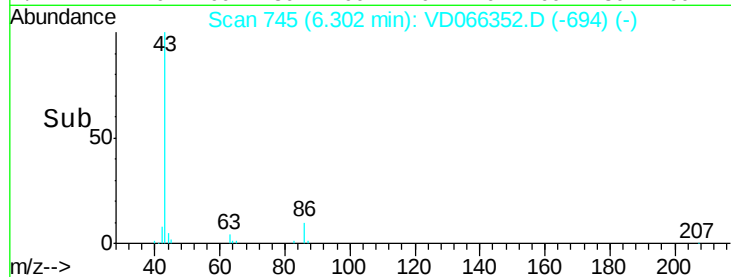
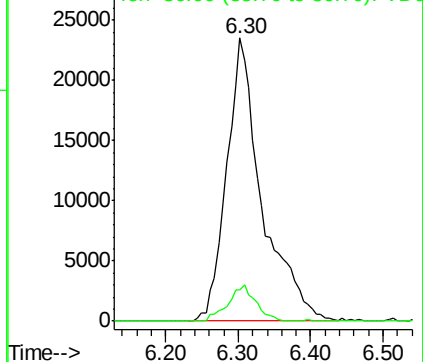
43 100

86 11.2 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 4.825 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

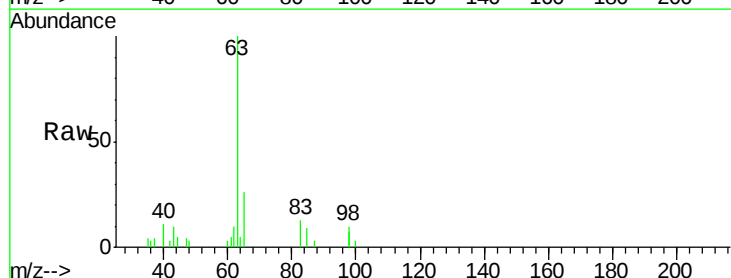
Tgt Ion: 63 Resp: 19069

Ion Ratio Lower Upper

63 100

98 16.4 3.5 10.6#

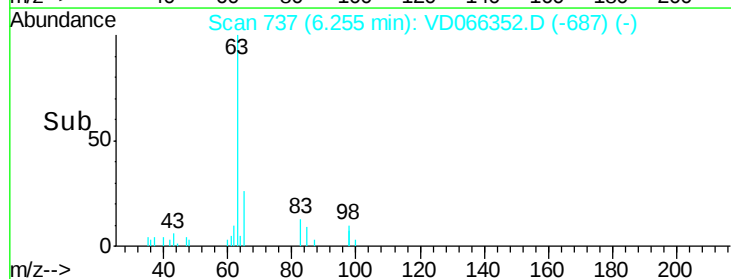
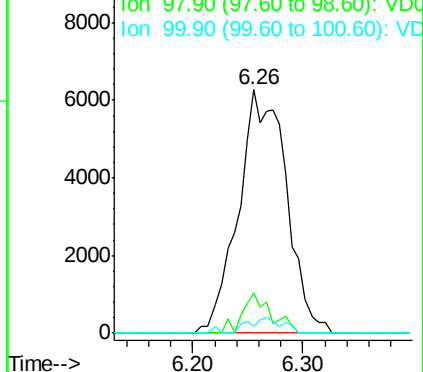
100 2.9 2.5 7.6

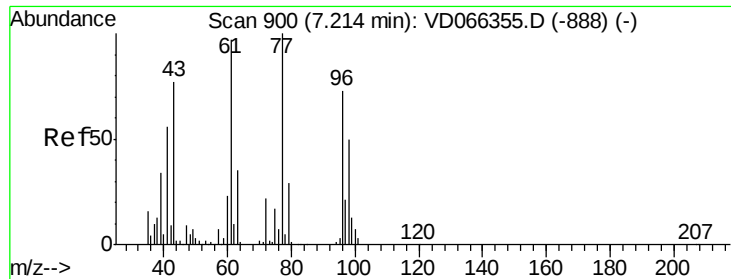


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 23.814 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

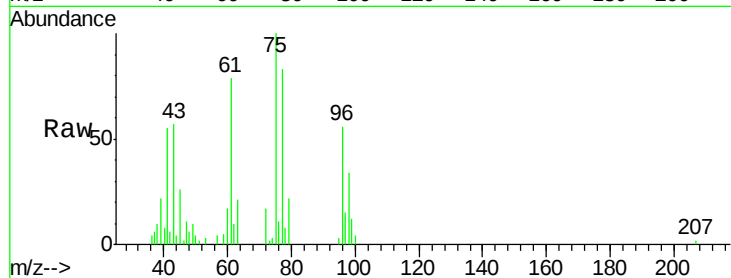
VSTDIC005

Tgt Ion: 43 Resp: 14082

Ion Ratio Lower Upper

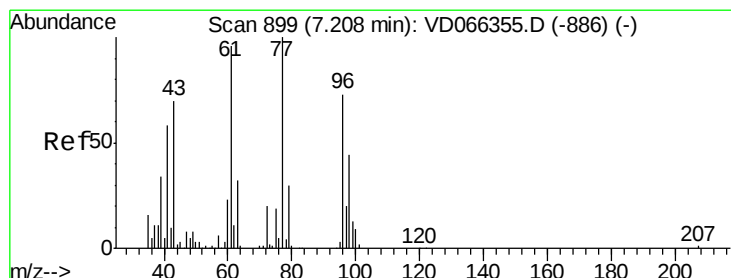
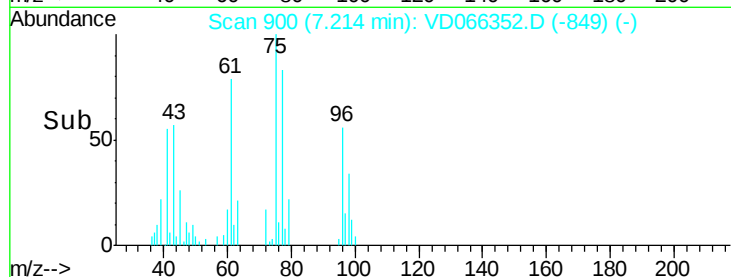
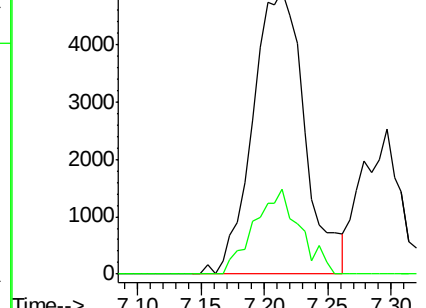
43 100

72 30.2 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 5.895 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066352.D

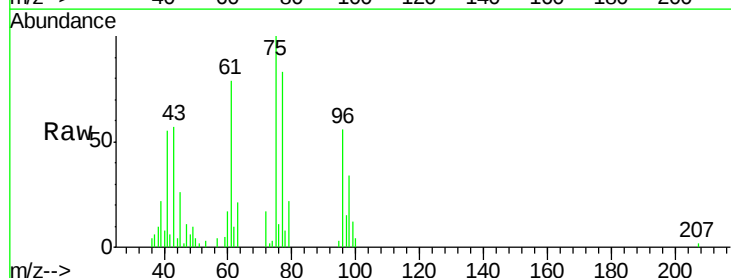
Acq: 21 Aug 2020 10:58

Tgt Ion: 77 Resp: 21632

Ion Ratio Lower Upper

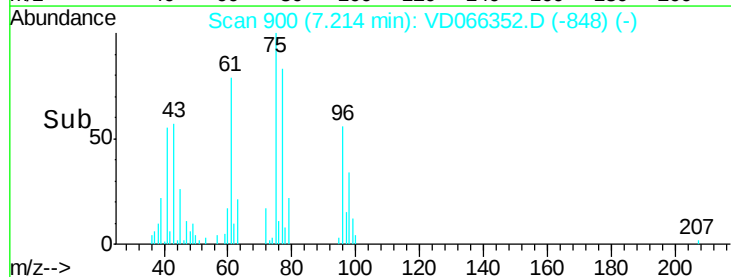
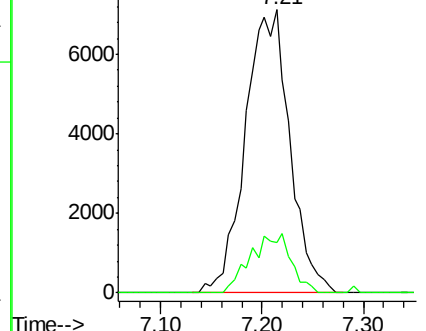
77 100

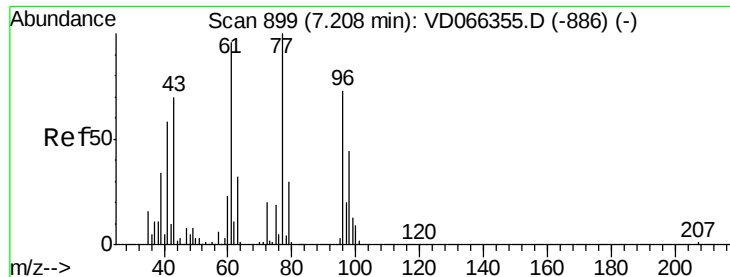
97 18.9 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

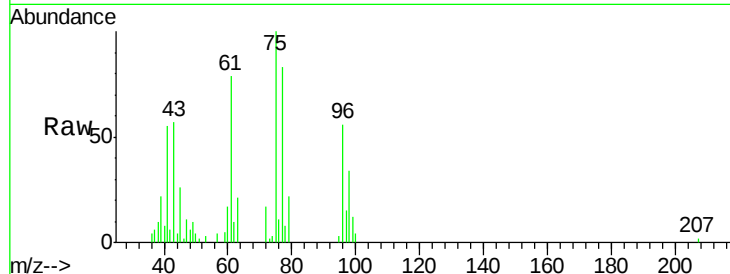




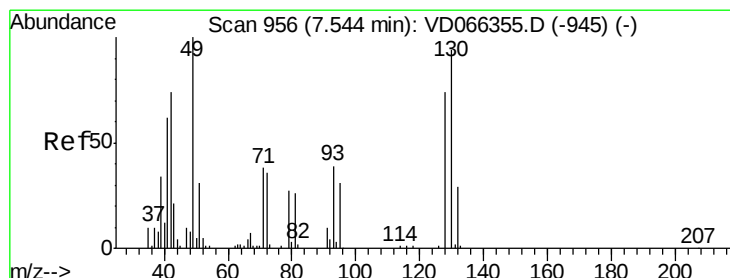
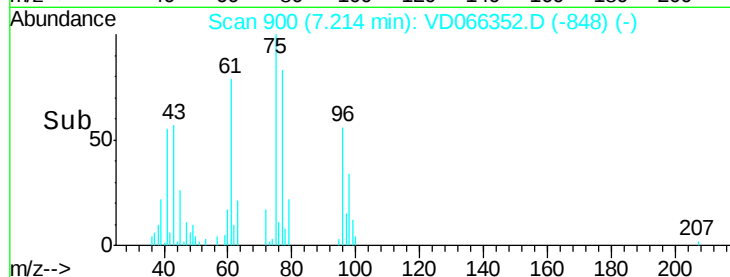
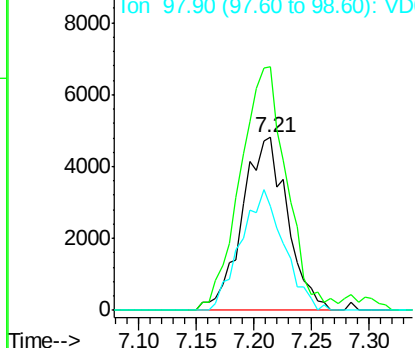
#27
 cis-1,2-Dichloroethene
 Concen: 5.075 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 13127
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 281.4
 98 66.4 0.0 132.2

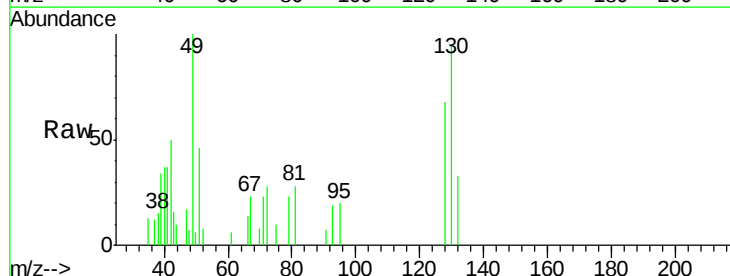


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC

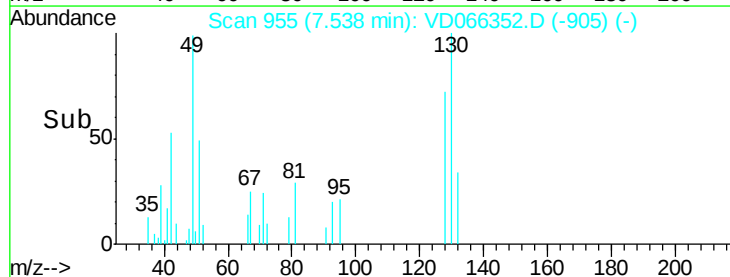
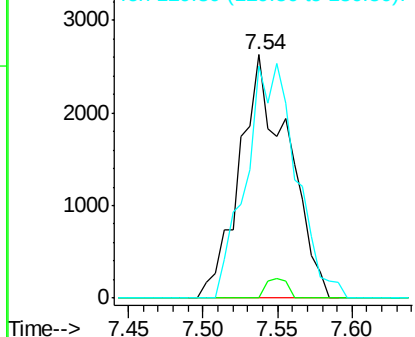


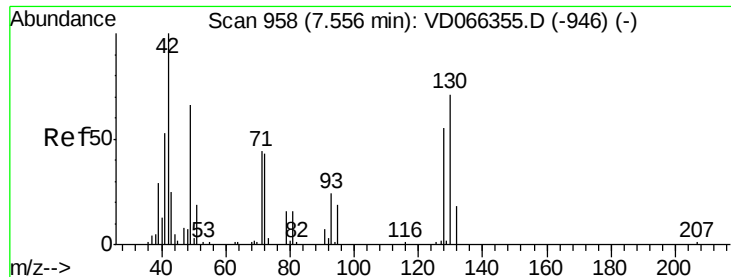
#28
 Bromochloromethane
 Concen: 4.313 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Tgt Ion: 49 Resp: 5970
 Ion Ratio Lower Upper
 49 100
 129 3.4 0.0 3.0#
 130 98.9 82.6 124.0



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

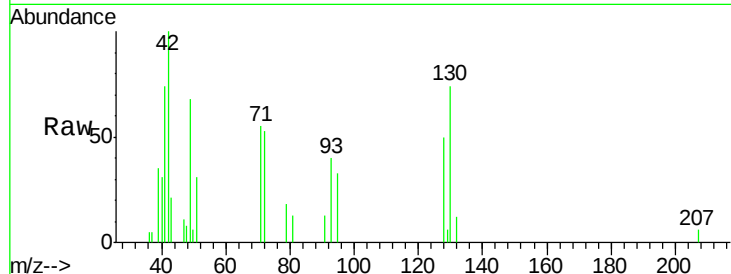




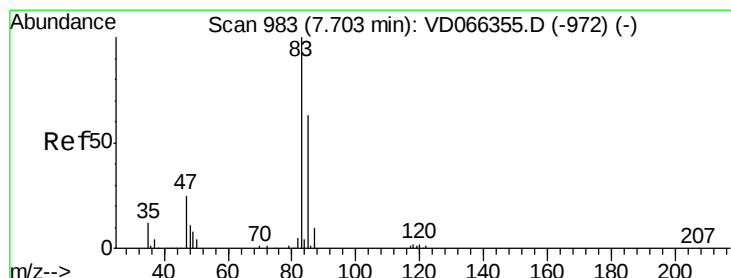
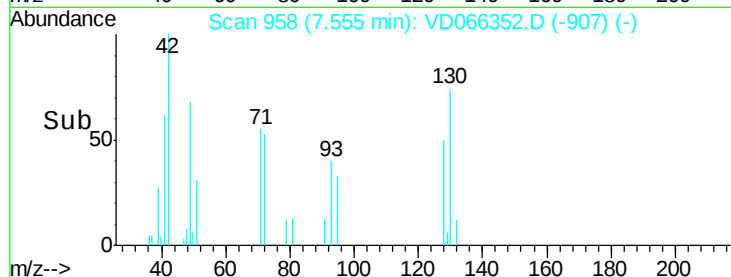
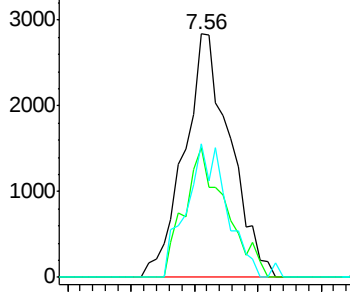
#29
Tetrahydrofuran
Concen: 19.808 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 7148
Ion Ratio Lower Upper
42 100
72 47.9 41.0 61.4
71 48.3 37.2 55.8

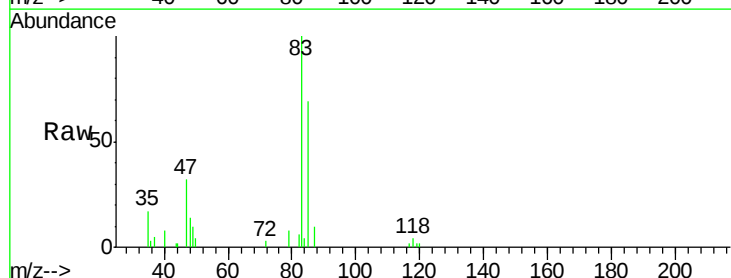


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

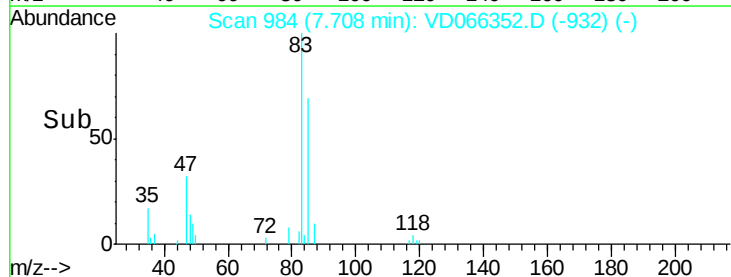
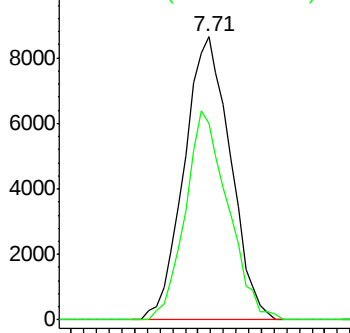


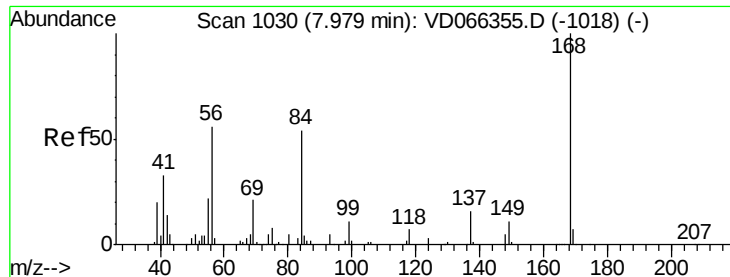
#30
Chloroform
Concen: 5.176 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion: 83 Resp: 21907
Ion Ratio Lower Upper
83 100
85 69.3 50.3 75.5



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

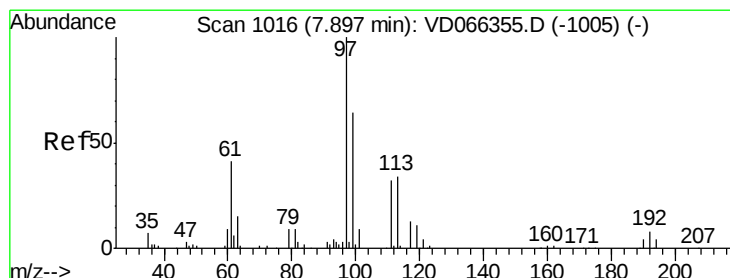
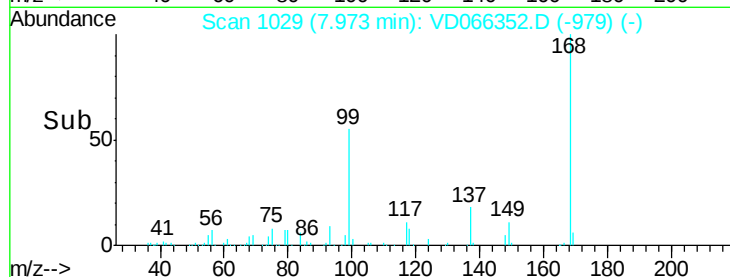
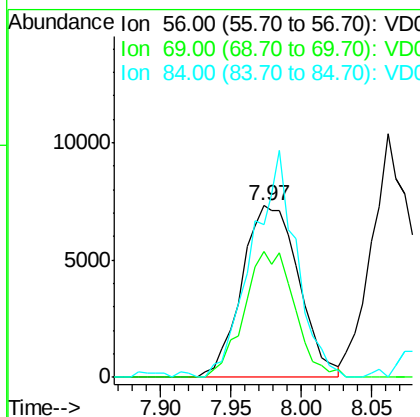
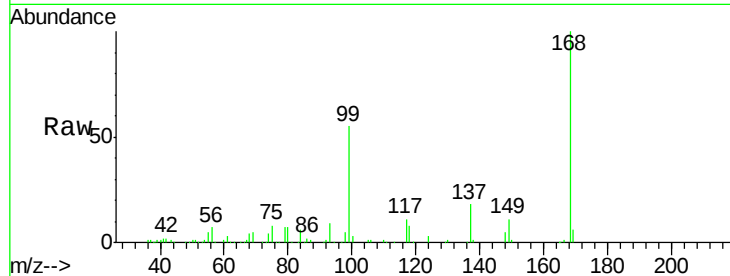




#31
Cyclohexane
Concen: 5.520 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

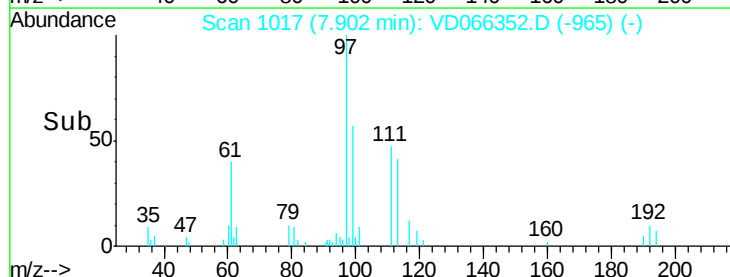
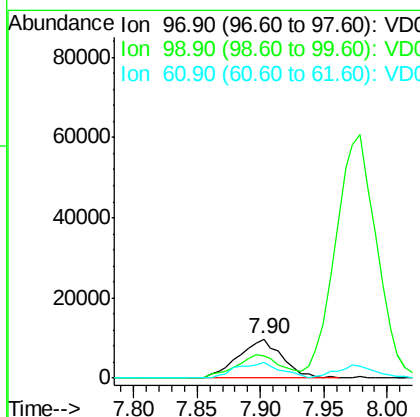
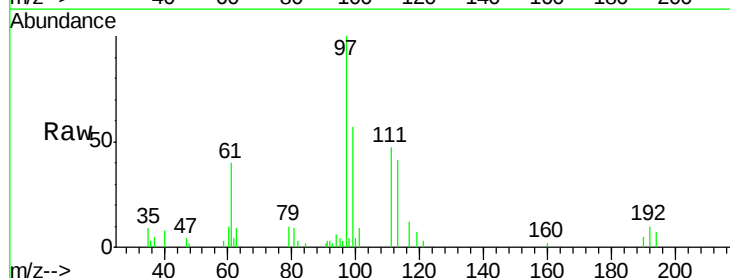
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

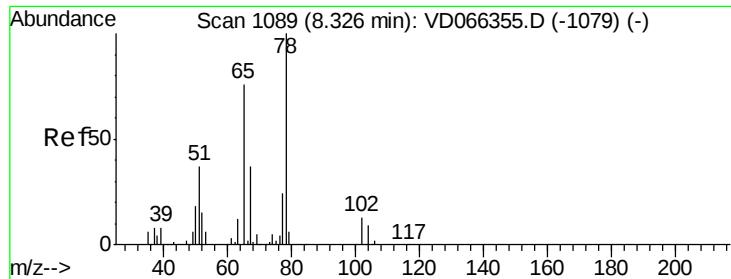
Tgt Ion: 56 Resp: 20672
Ion Ratio Lower Upper
56 100
69 73.6 29.6 44.4#
84 86.3 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 5.868 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion: 97 Resp: 23575
Ion Ratio Lower Upper
97 100
99 62.7 51.5 77.3
61 41.3 33.3 49.9

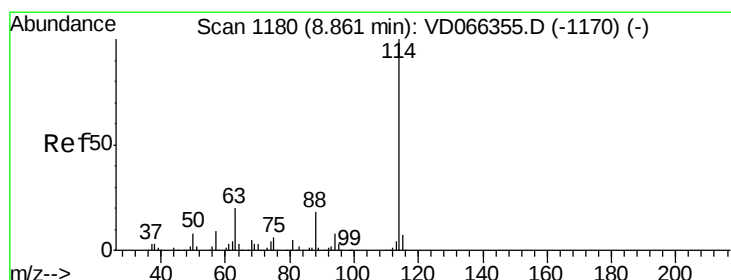
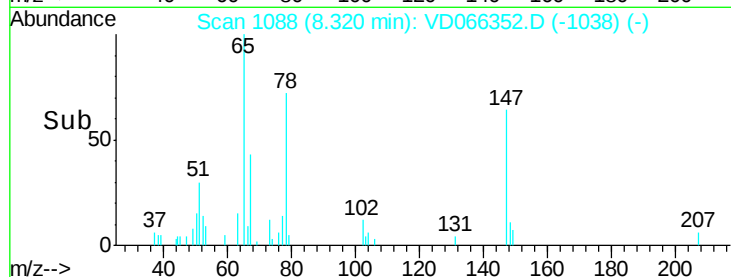
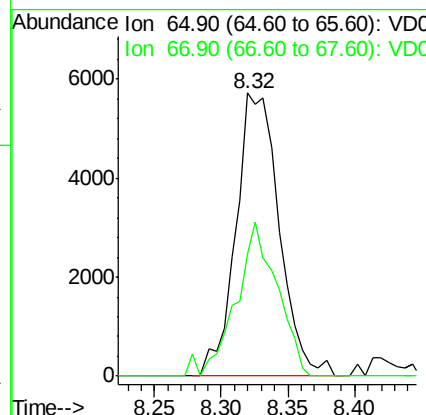
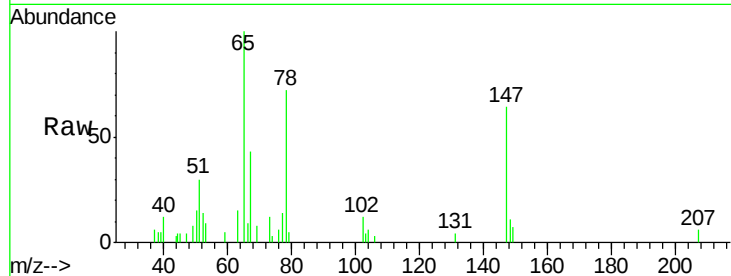




#33
 1,2-Dichloroethane-d4
 Concen: 5.822 ug/l
 RT: 8.32 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

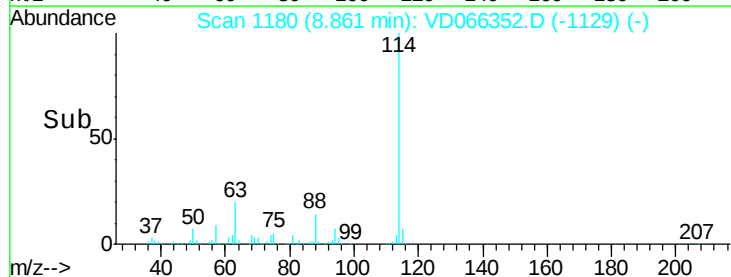
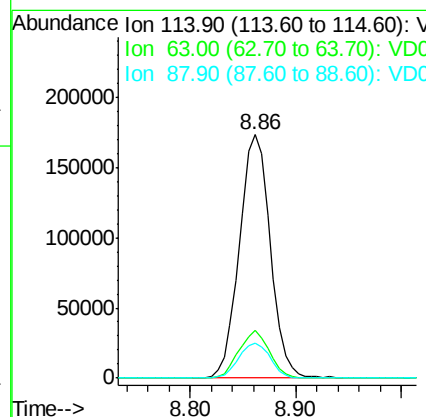
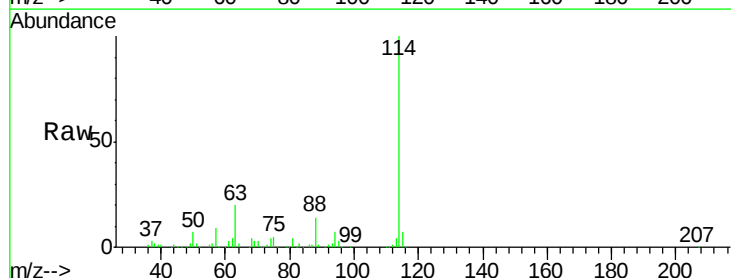
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

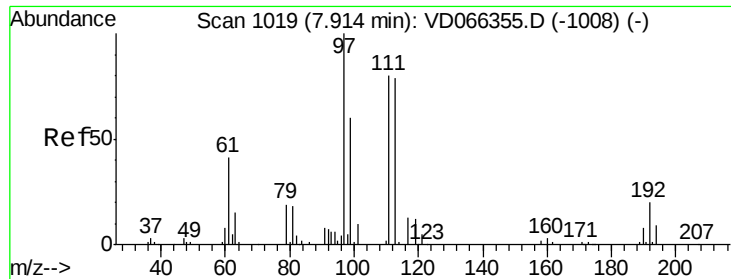
Tgt Ion: 65 Resp: 12862
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Tgt Ion: 114 Resp: 352636
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 14.2 0.0 35.4

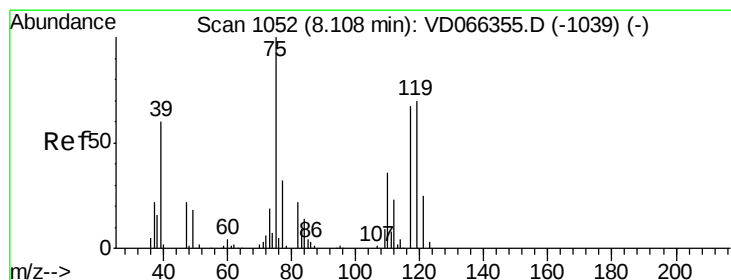
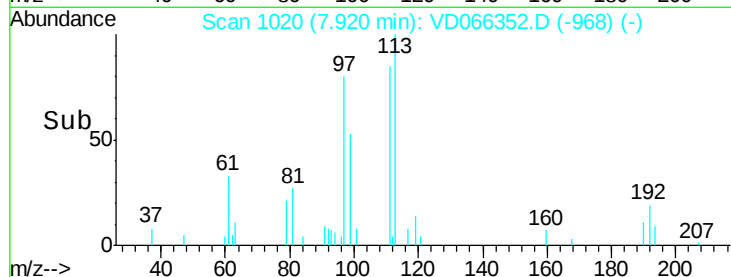
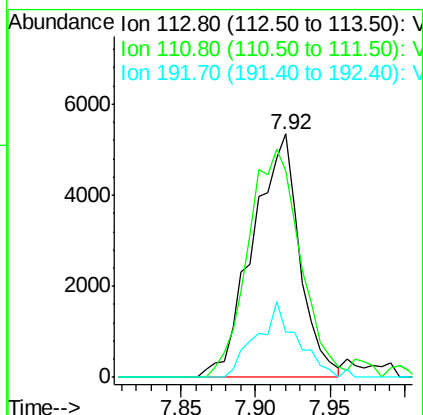
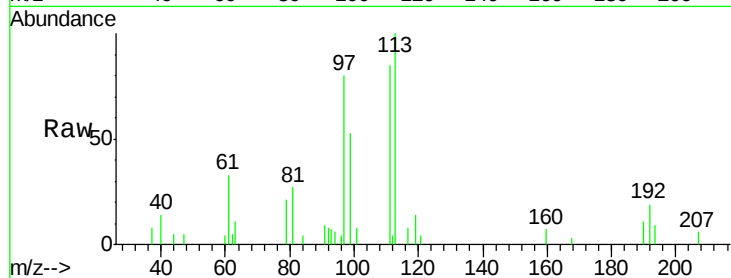




#35
 Dibromofluoromethane
 Concen: 5.252 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

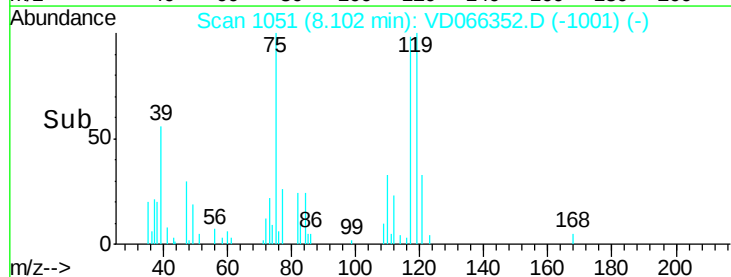
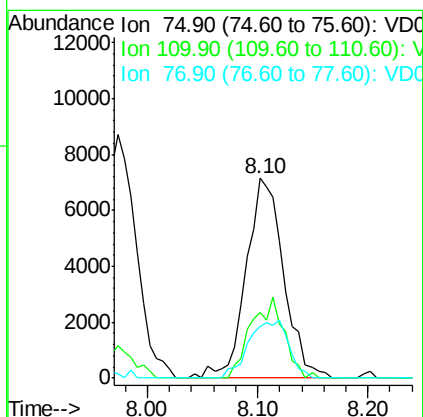
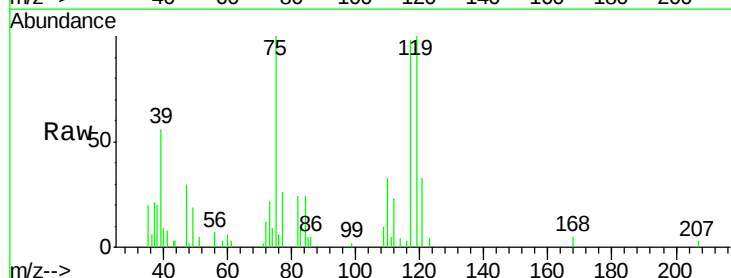
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

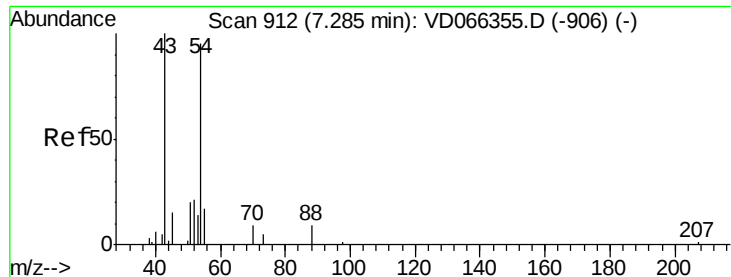
Tgt Ion: 113 Resp: 11687
 Ion Ratio Lower Upper
 113 100
 111 103.9 80.3 120.5
 192 27.1 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 5.163 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Tgt Ion: 75 Resp: 17057
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.7 56.1
 77 30.7 25.2 37.8

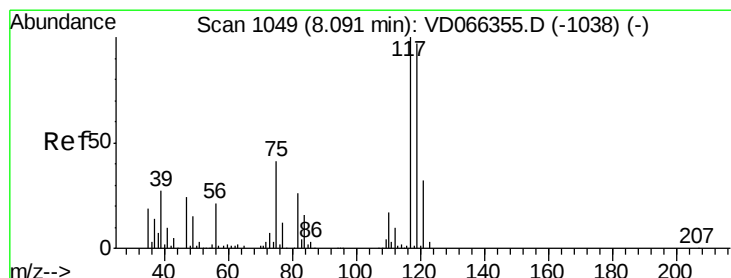
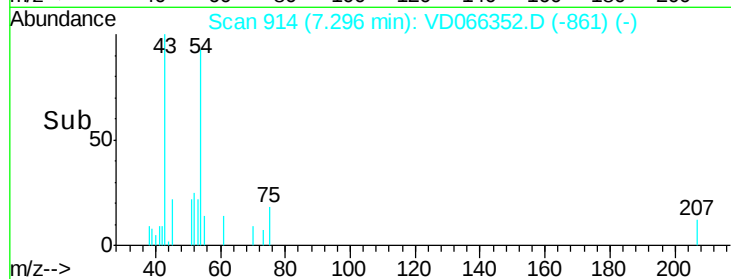
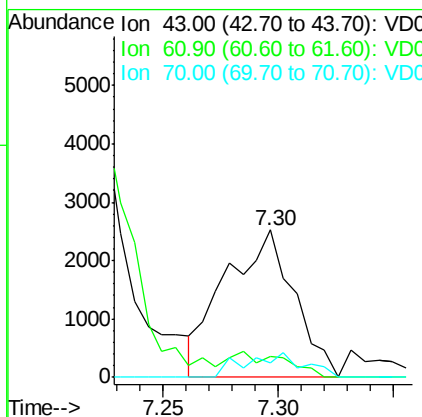
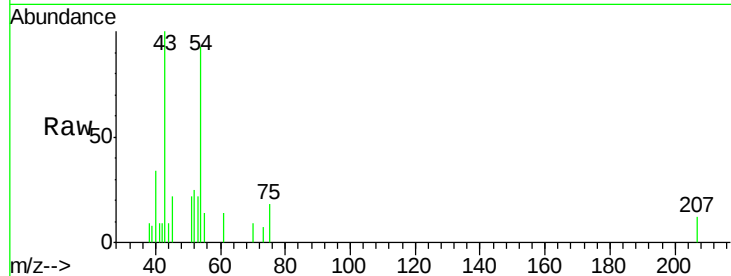




#37
Ethyl Acetate
Concen: 4.054 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

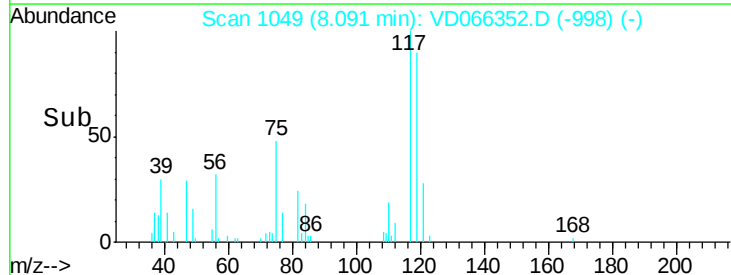
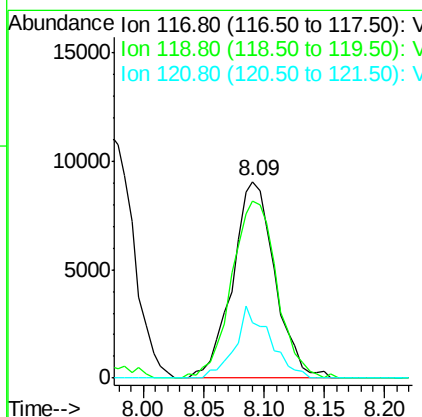
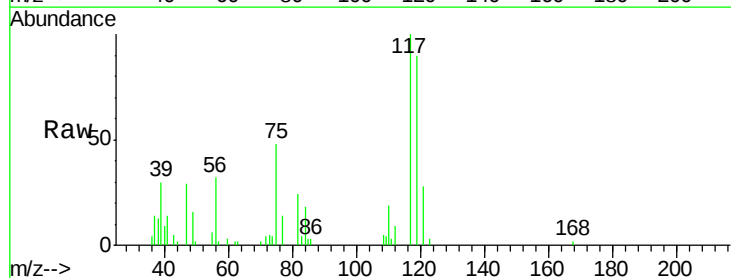
Instrument :
MSVOA_D
ClientSampled :
VSTDIC005

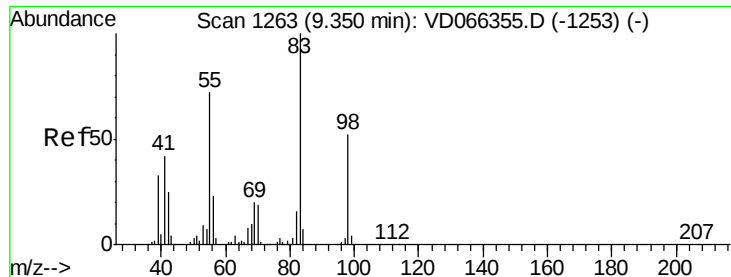
Tgt Ion: 43 Resp: 5233
Ion Ratio Lower Upper
43 100
61 13.9 13.3 19.9
70 13.8 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 5.822 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion: 117 Resp: 22154
Ion Ratio Lower Upper
117 100
119 90.1 77.2 115.8
121 28.0 25.8 38.8

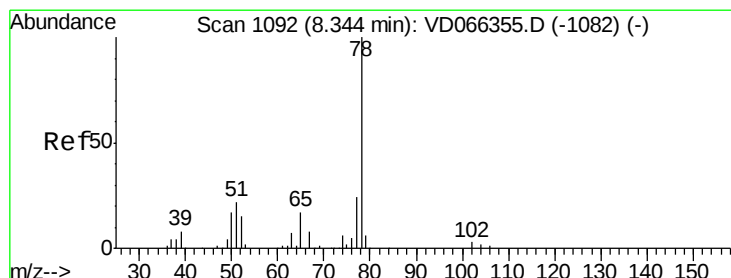
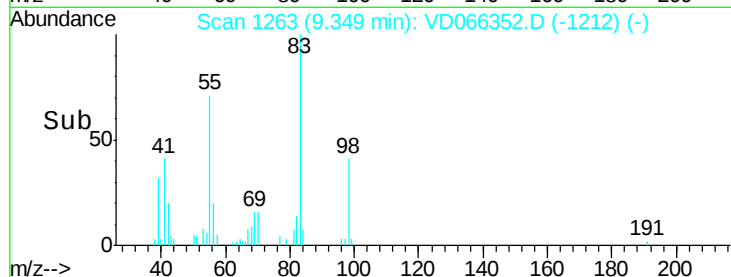
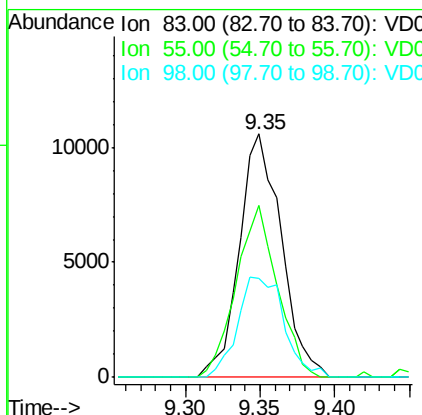
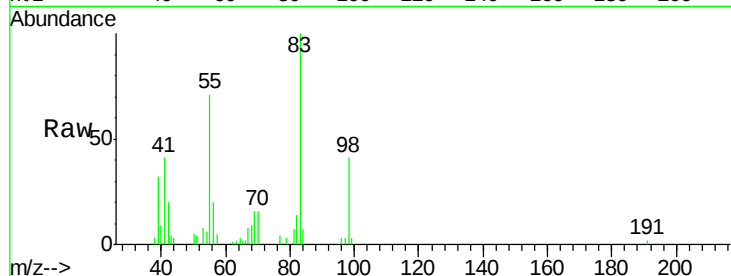




#39
Methylcyclohexane
Concen: 5.143 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

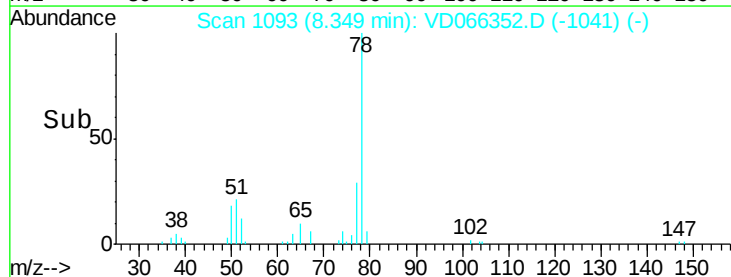
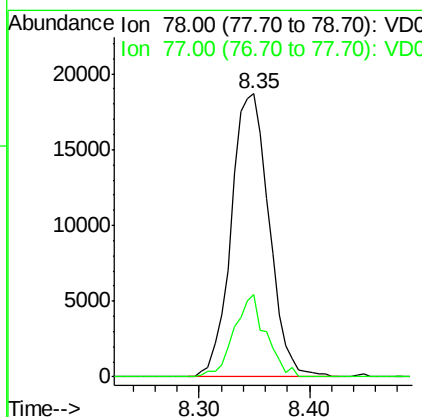
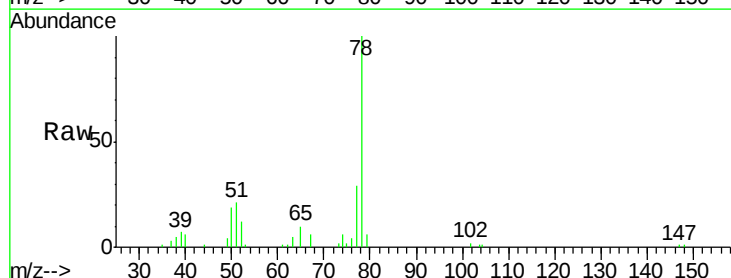
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

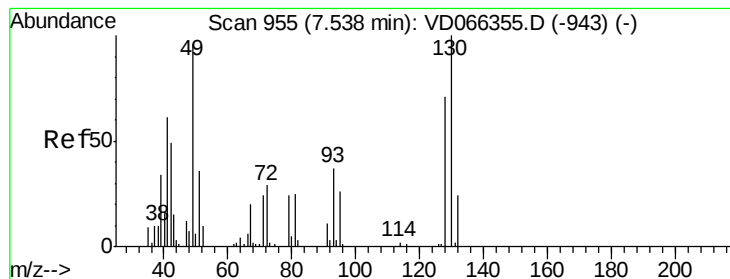
Tgt Ion: 83 Resp: 20625
Ion Ratio Lower Upper
83 100
55 70.5 58.0 87.0
98 40.8 41.9 62.9#



#40
Benzene
Concen: 4.910 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion: 78 Resp: 44907
Ion Ratio Lower Upper
78 100
77 29.0 18.8 28.2#





#41

Methacrylonitrile

Concen: 4.799 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 3707

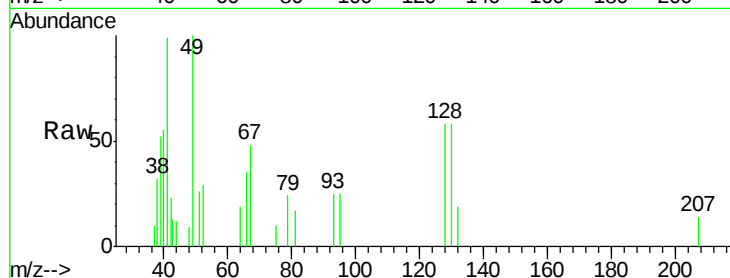
Ion Ratio Lower Upper

41 100

39 0.0 51.8 77.8#

67 70.2 0.0 0.0#

52 27.8 0.0 0.0#

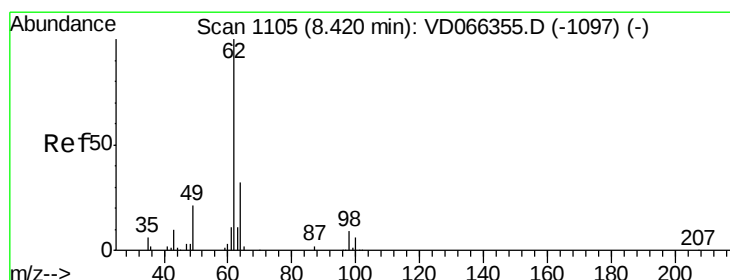
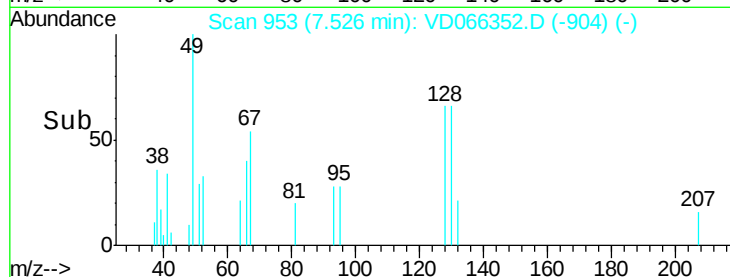
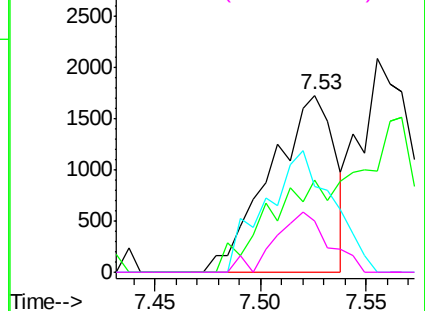


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 5.745 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VD066352.D

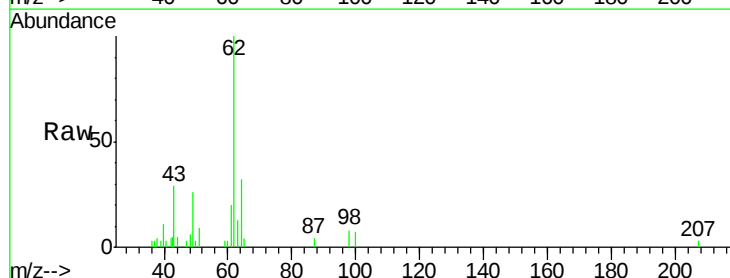
Acq: 21 Aug 2020 10:58

Tgt Ion: 62 Resp: 15911

Ion Ratio Lower Upper

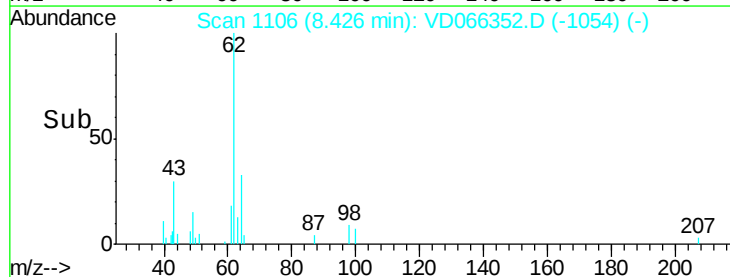
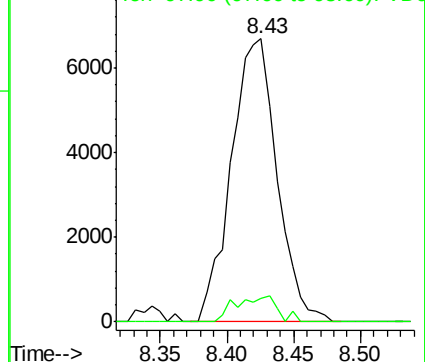
62 100

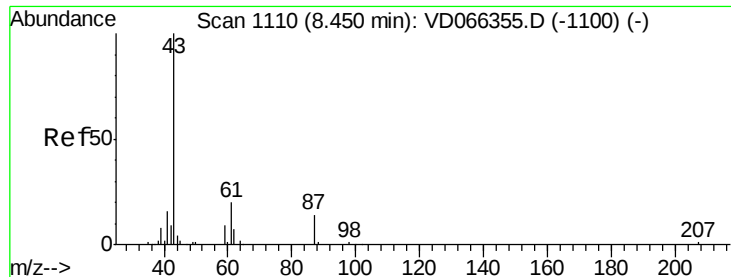
98 8.4 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 4.453 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

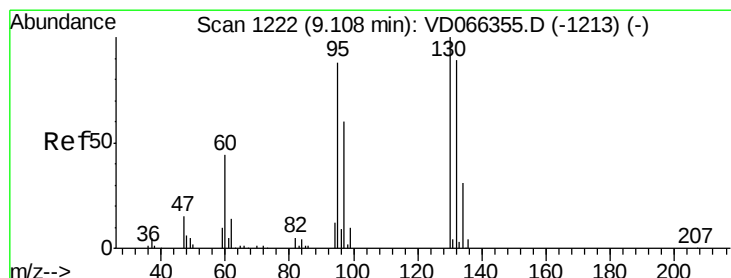
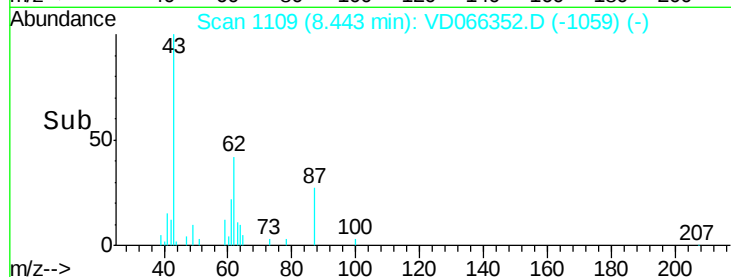
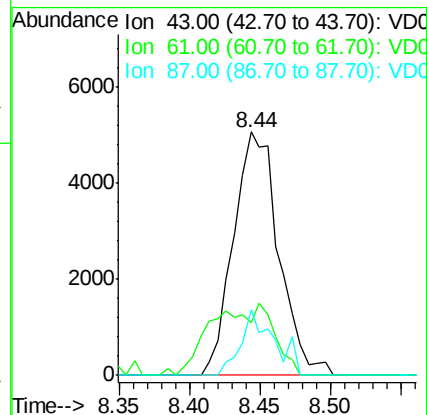
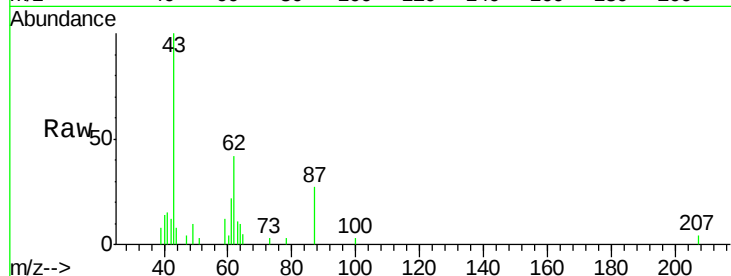
Tgt Ion: 43 Resp: 11338

Ion Ratio Lower Upper

43 100

61 19.8 26.5 39.7#

87 19.8 11.9 17.9#



#44

Trichloroethene

Concen: 5.314 ug/l

RT: 9.10 min Scan# 1221

Delta R.T. -0.01 min

Lab File: VD066352.D

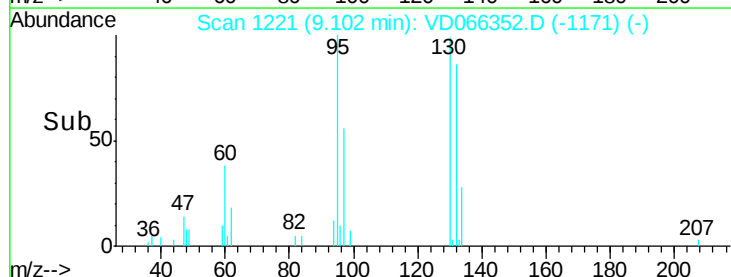
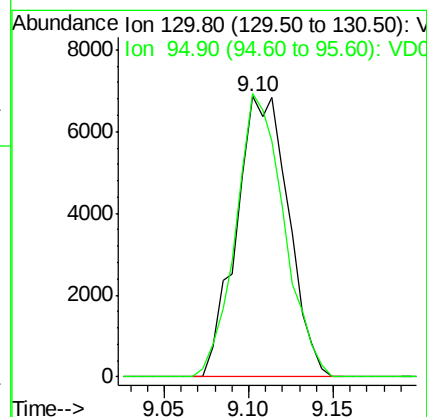
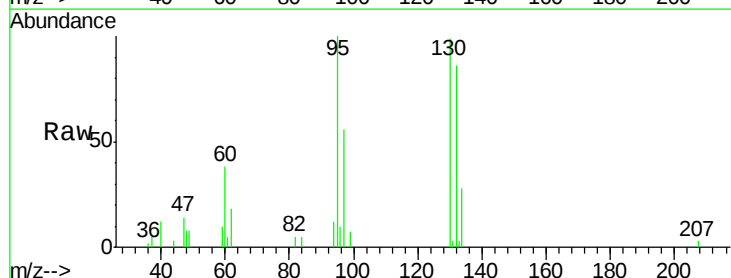
Acq: 21 Aug 2020 10:58

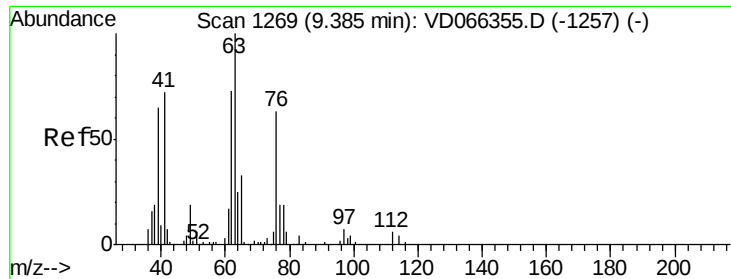
Tgt Ion: 130 Resp: 14768

Ion Ratio Lower Upper

130 100

95 101.0 0.0 175.6





#45

1,2-Dichloropropane

Concen: 4.596 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

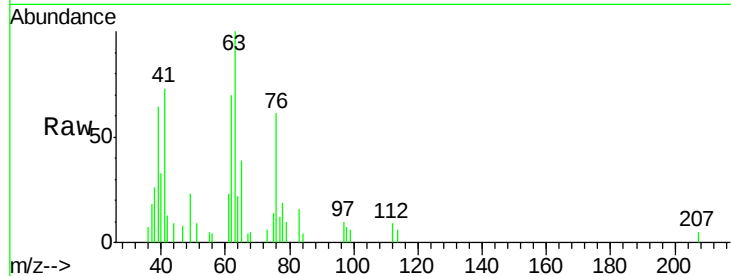
VSTDIC005

Tgt Ion: 63 Resp: 10170

Ion Ratio Lower Upper

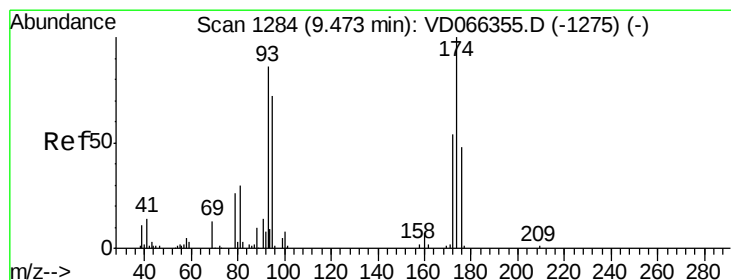
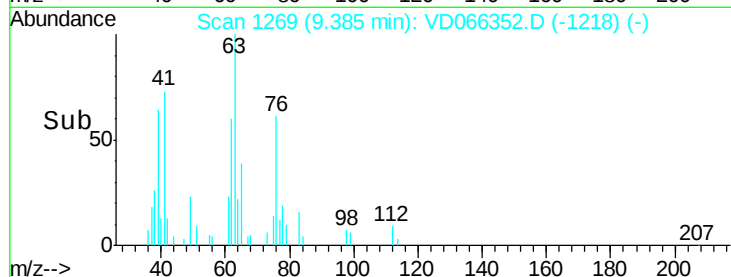
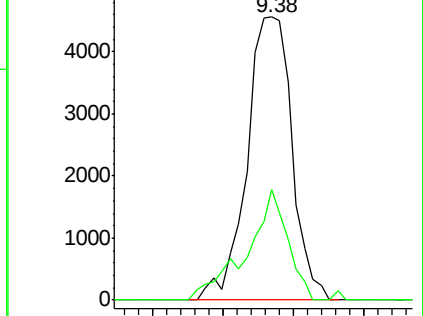
63 100

65 39.2 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 5.055 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

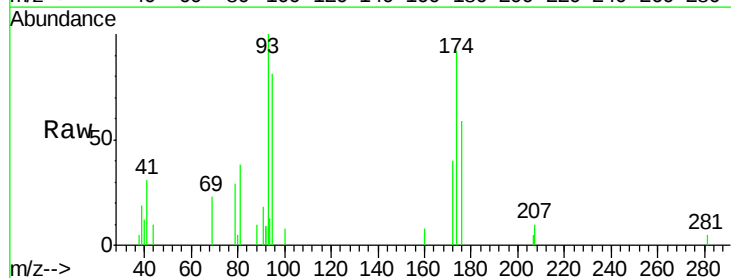
Tgt Ion: 93 Resp: 6247

Ion Ratio Lower Upper

93 100

95 86.6 66.0 99.0

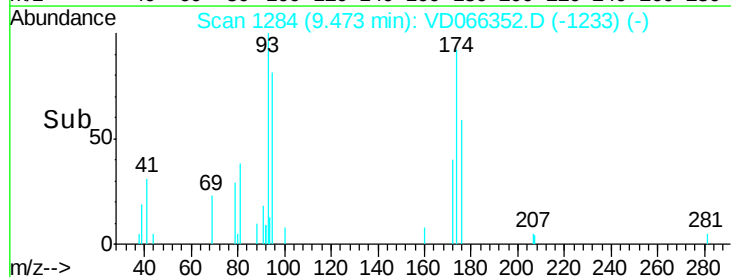
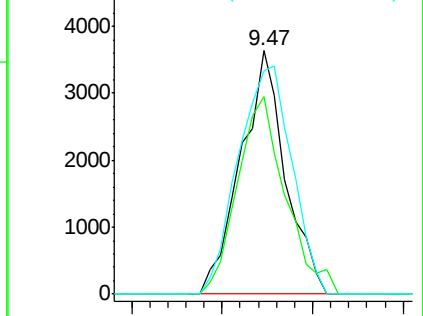
174 112.3 94.6 141.8

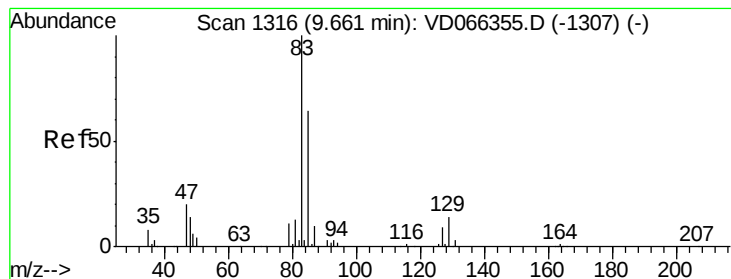


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 5.062 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

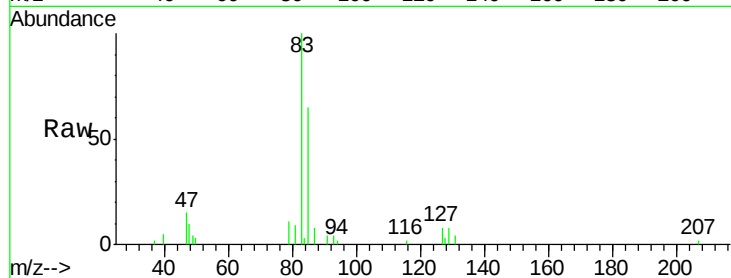
Tgt Ion: 83 Resp: 16691

Ion Ratio Lower Upper

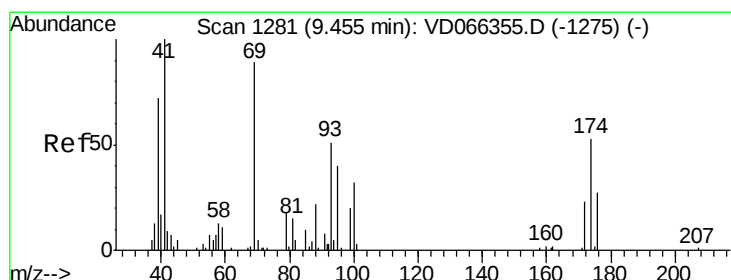
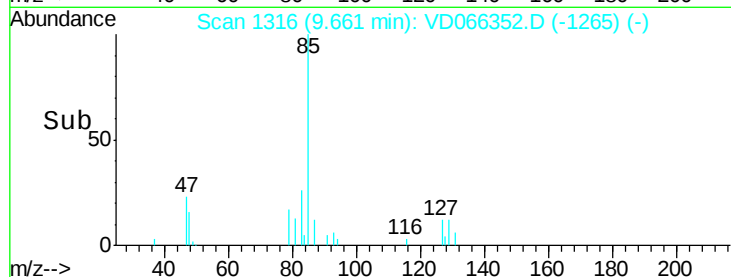
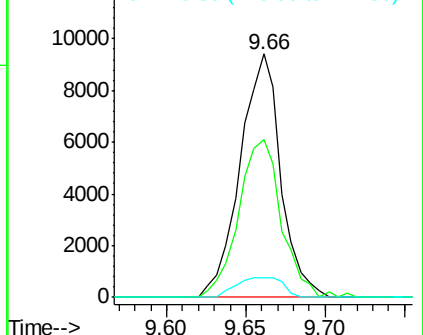
83 100

85 65.0 51.4 77.0

127 8.0 7.4 11.0



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



#48

Methyl methacrylate

Concen: 4.942 ug/l

RT: 9.44 min Scan# 1279

Delta R.T. -0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

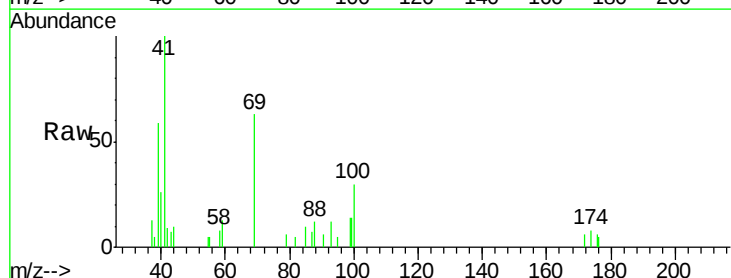
Tgt Ion: 41 Resp: 6333

Ion Ratio Lower Upper

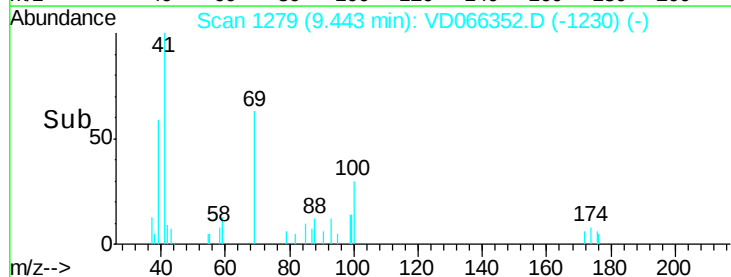
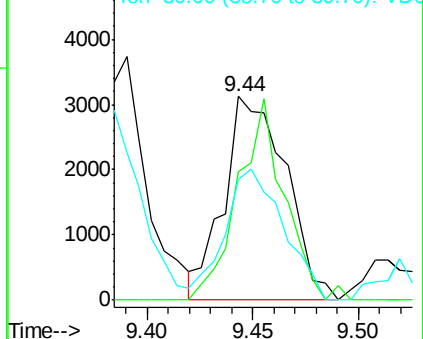
41 100

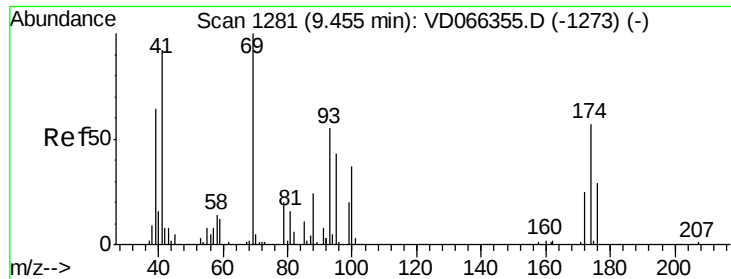
69 74.7 75.5 113.3#

39 61.4 57.0 85.4



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

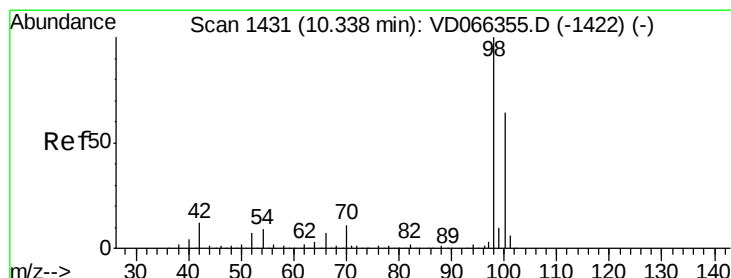
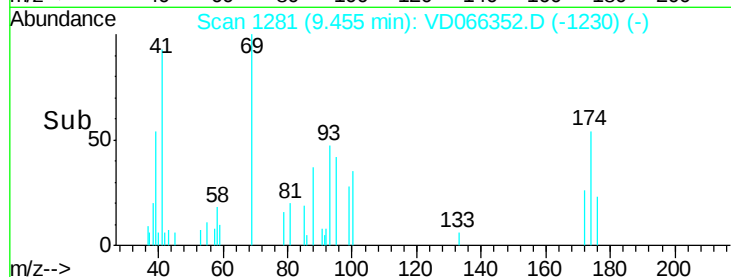
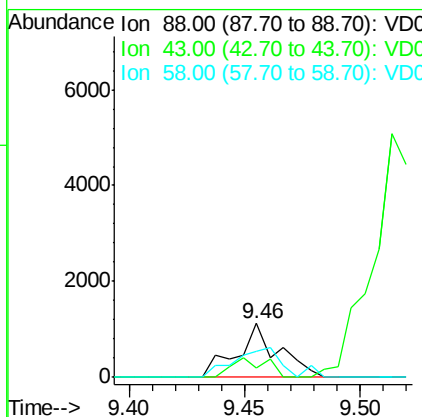
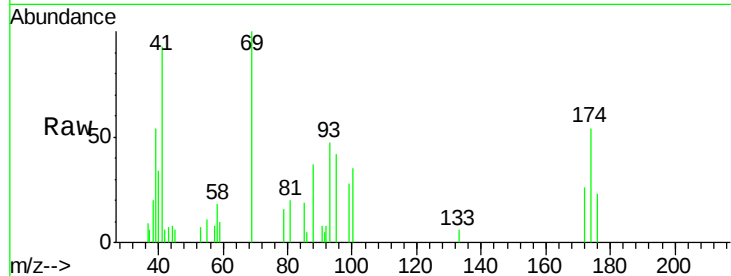




#49
1,4-Dioxane
Concen: 89.116 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

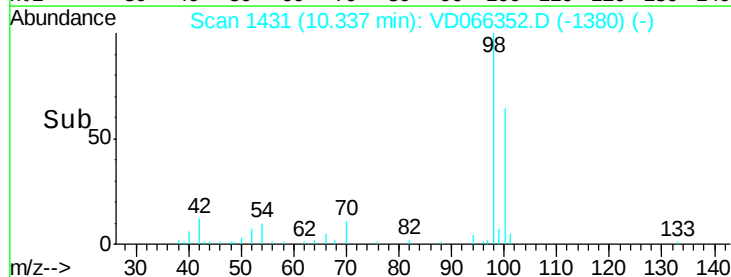
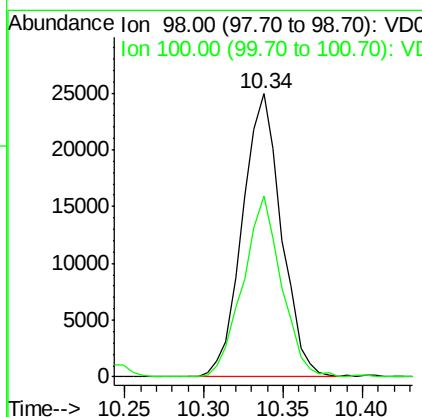
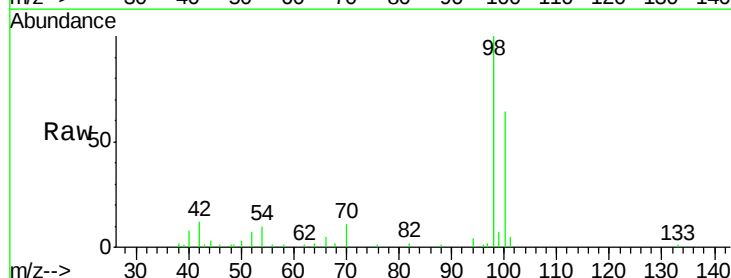
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

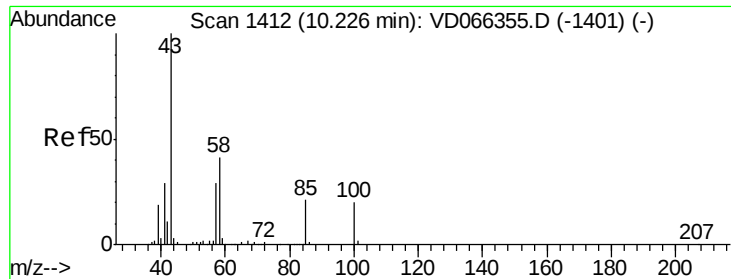
Tgt Ion: 88 Resp: 1409
Ion Ratio Lower Upper
88 100
43 30.2 29.4 44.0
58 65.5 45.4 68.2



#50
Toluene-d8
Concen: 5.203 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion: 98 Resp: 42603
Ion Ratio Lower Upper
98 100
100 62.6 53.0 79.4

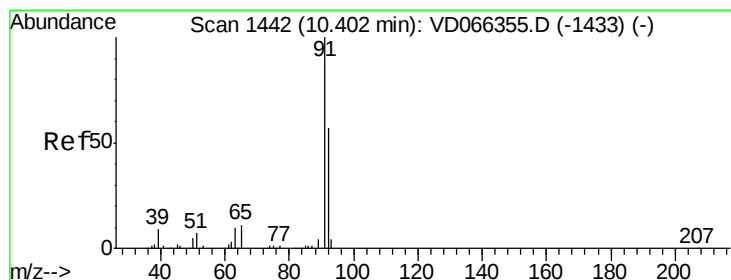
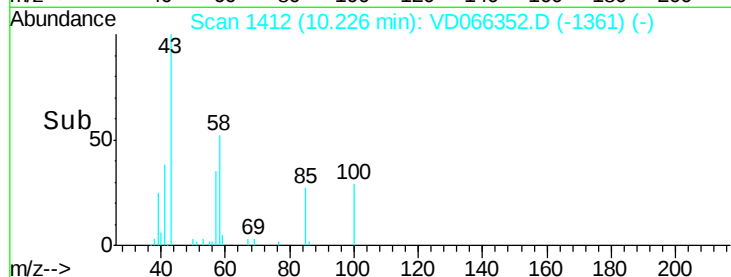
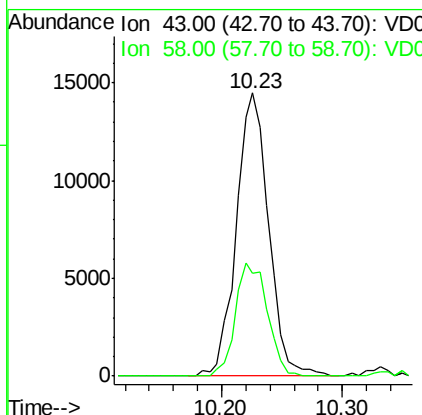
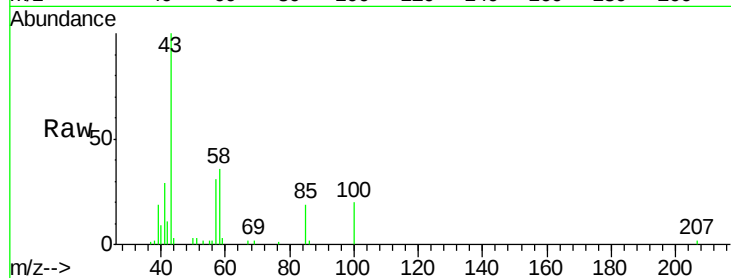




#51
 4-Methyl-2-Pentanone
 Concen: 20.807 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

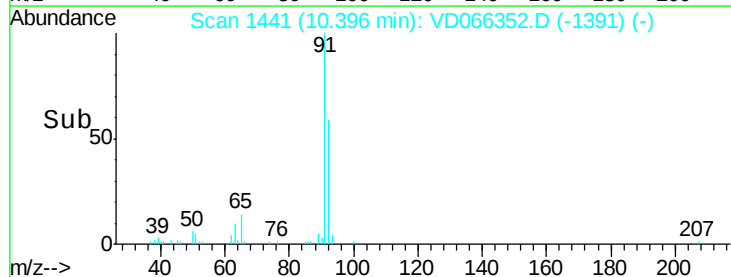
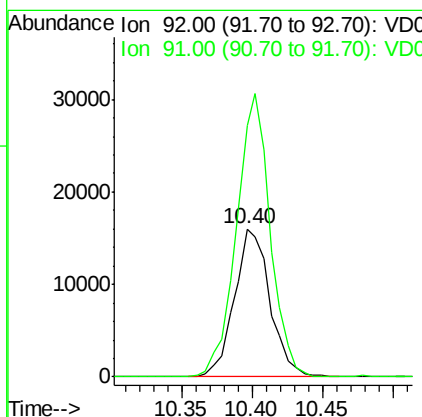
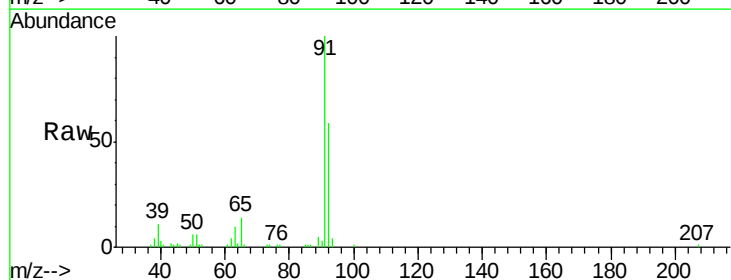
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

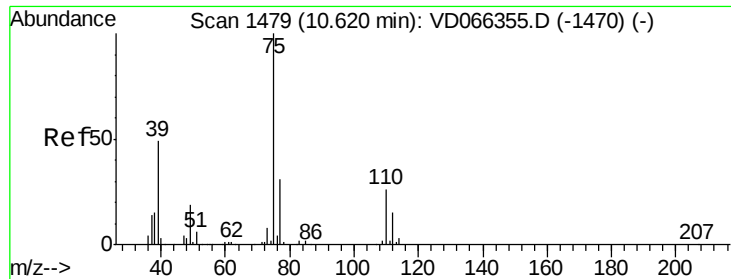
Tgt Ion: 43 Resp: 26962
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.4 47.2



#52
 Toluene
 Concen: 4.655 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Tgt Ion: 92 Resp: 28109
 Ion Ratio Lower Upper
 92 100
 91 181.3 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 5.142 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

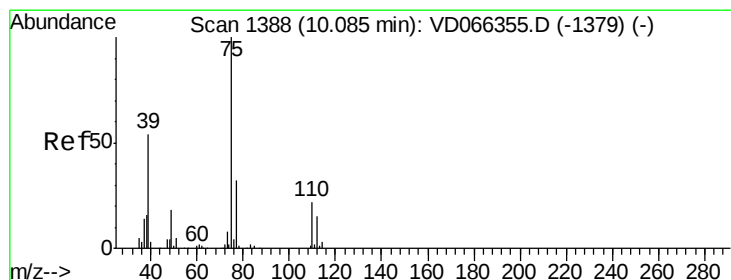
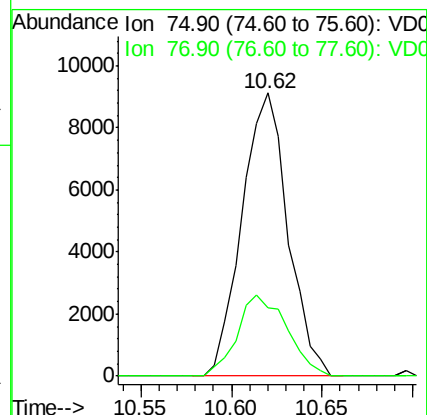
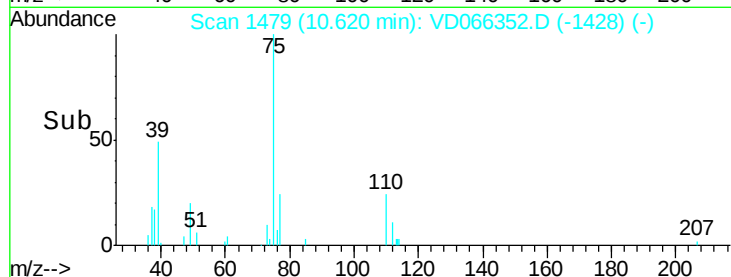
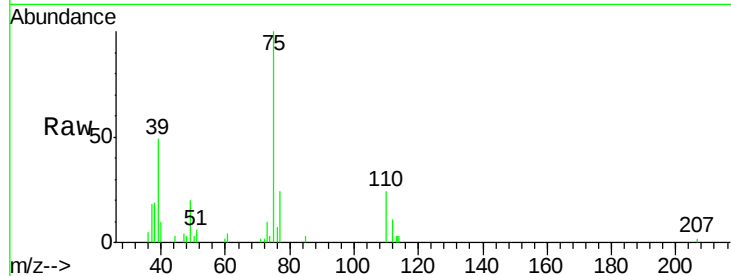
VSTDIC005

Tgt Ion: 75 Resp: 16084

Ion Ratio Lower Upper

75 100

77 24.1 24.5 36.7#



#54

cis-1,3-Dichloropropene

Concen: 4.815 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

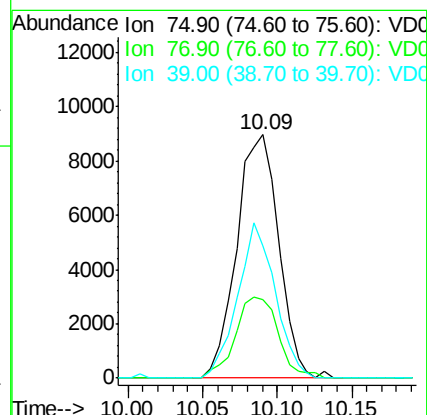
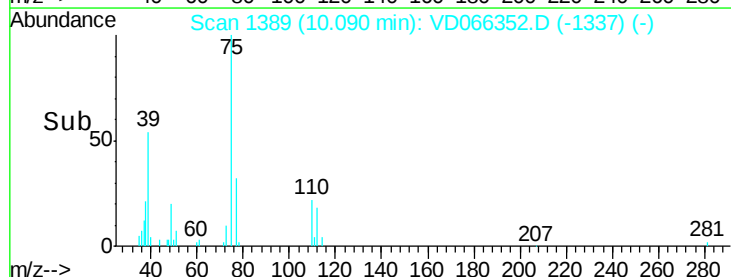
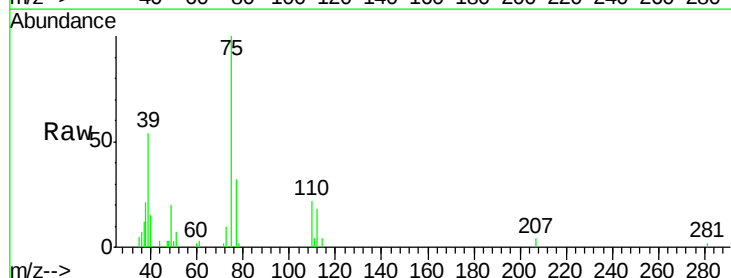
Tgt Ion: 75 Resp: 17528

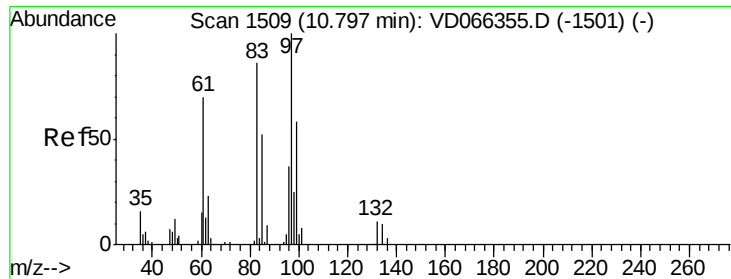
Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

39 54.5 43.4 65.0

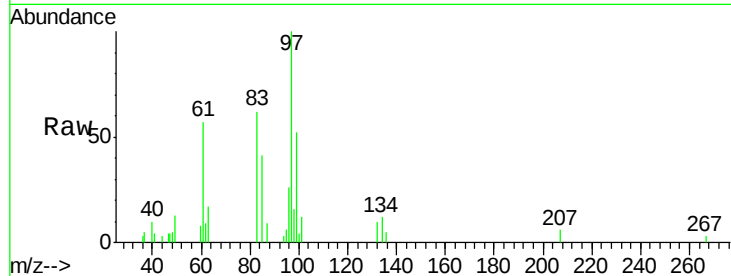




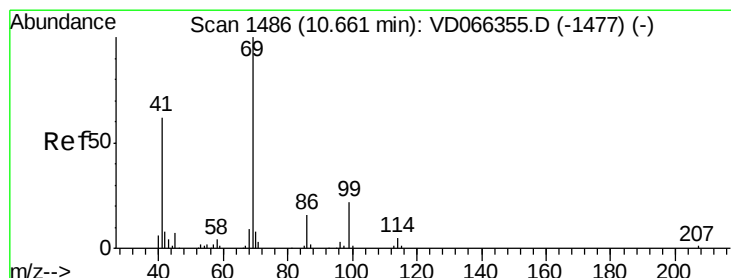
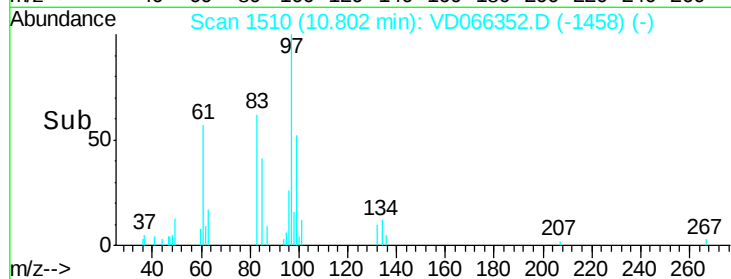
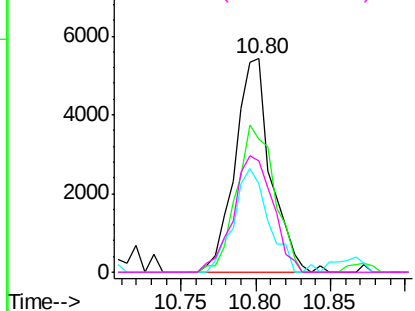
#55
 1,1,2-Trichloroethane
 Concen: 5.121 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	9051
Ion	Ratio	Lower	Upper
97	100		
83	62.5	68.4	102.6#
85	41.3	41.3	61.9
99	52.0	46.1	69.1

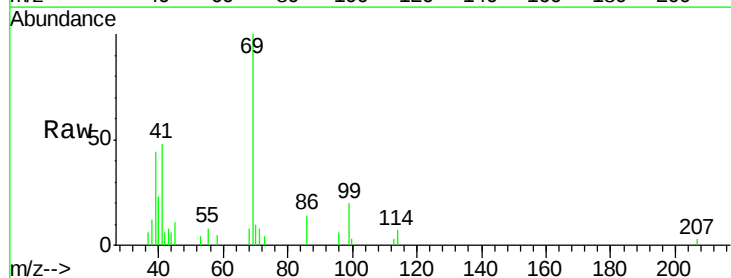


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

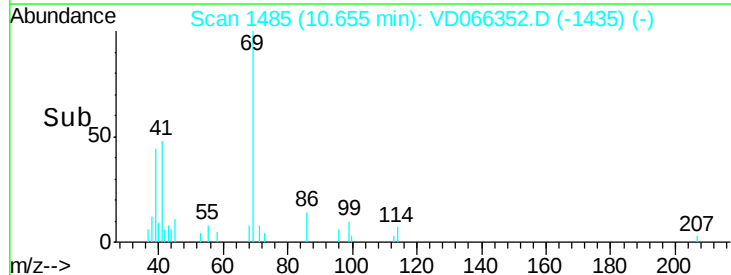
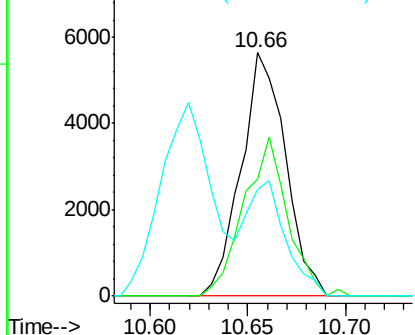


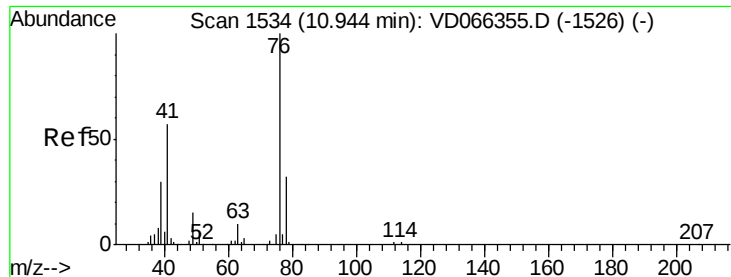
#56
 Ethyl methacrylate
 Concen: 4.208 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Tgt Ion:	69	Resp:	8883
Ion	Ratio	Lower	Upper
69	100		
41	64.6	50.8	76.2
39	41.7	32.9	49.3



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC

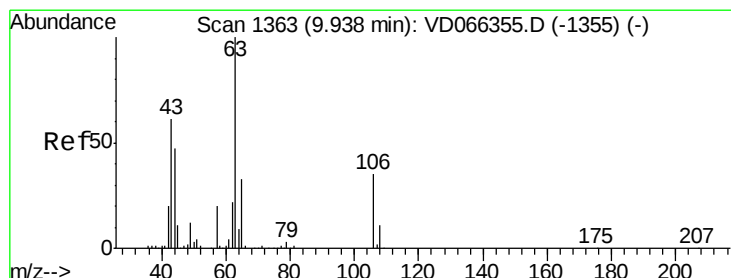
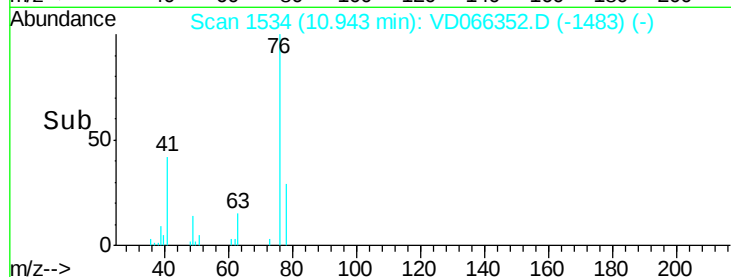
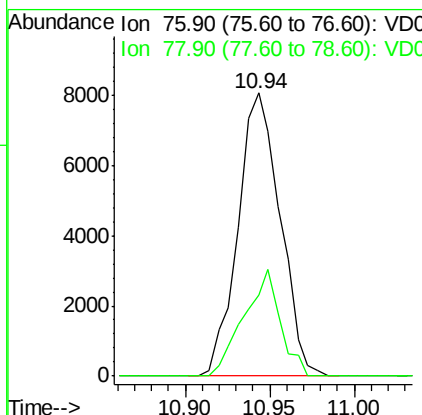
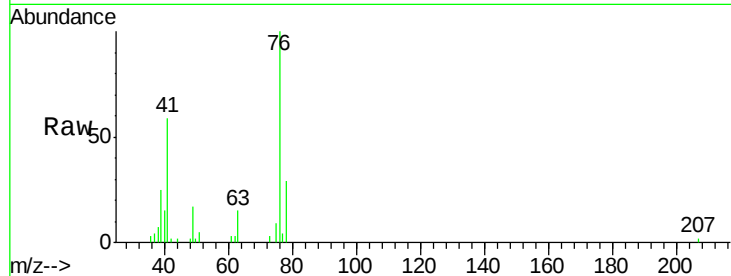




#57
 1,3-Dichloropropane
 Concen: 4.794 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

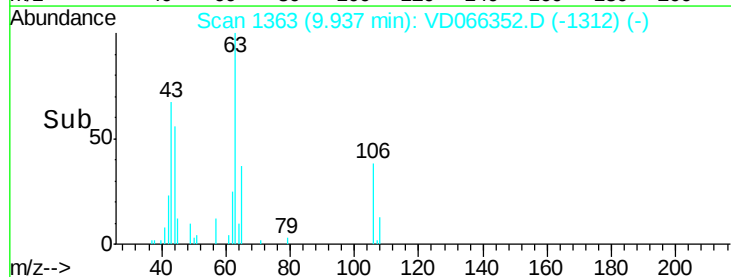
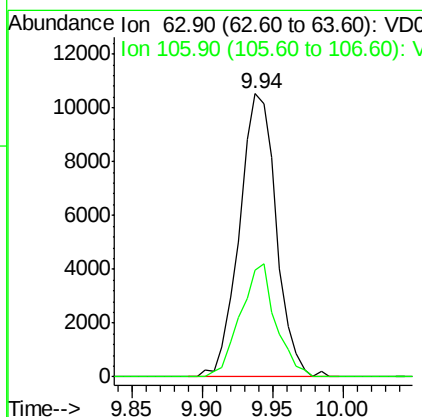
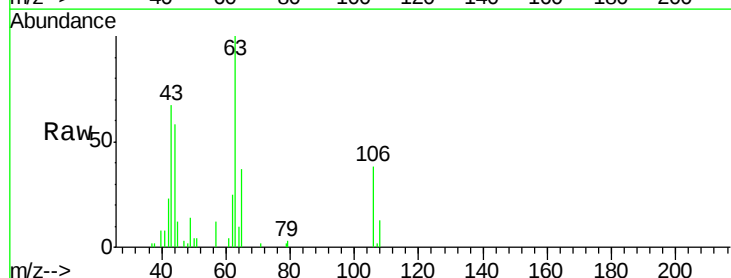
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

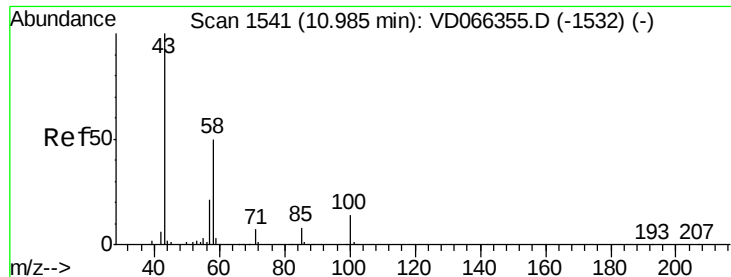
Tgt Ion: 76 Resp: 14034
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 20.486 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Tgt Ion: 63 Resp: 19190
 Ion Ratio Lower Upper
 63 100
 106 38.4 27.1 40.7

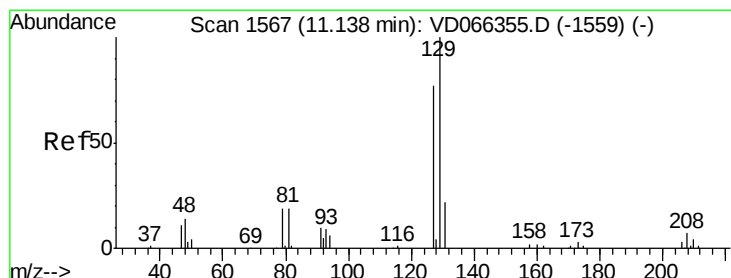
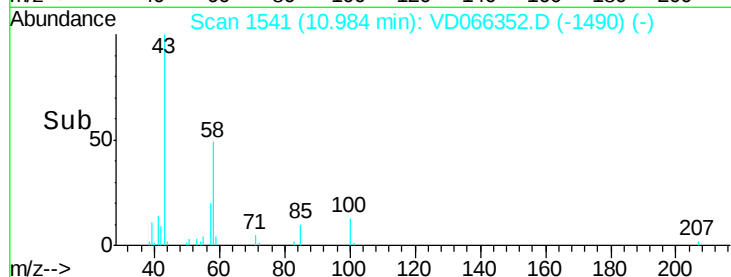
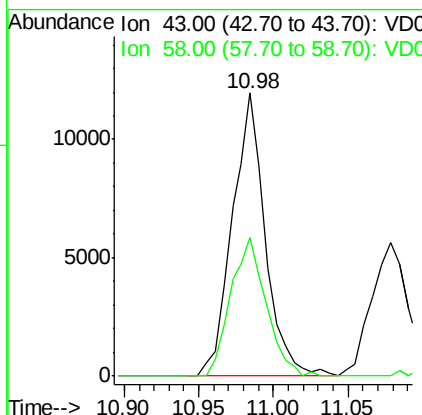
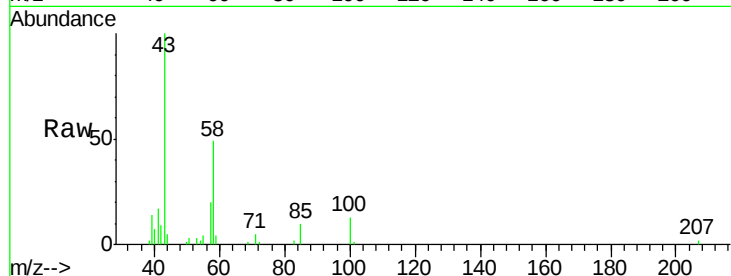




#59
2-Hexanone
Concen: 20.090 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

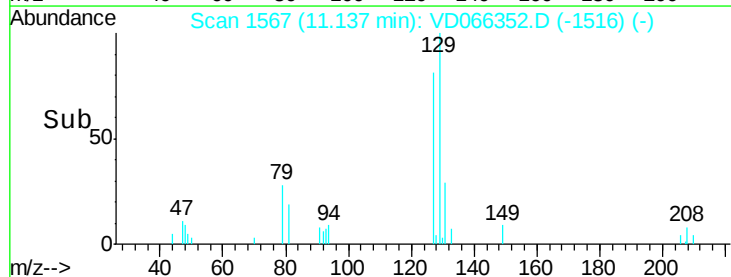
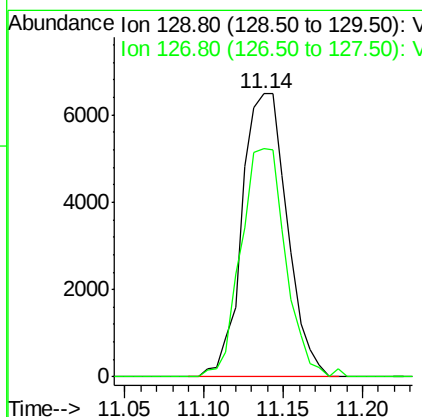
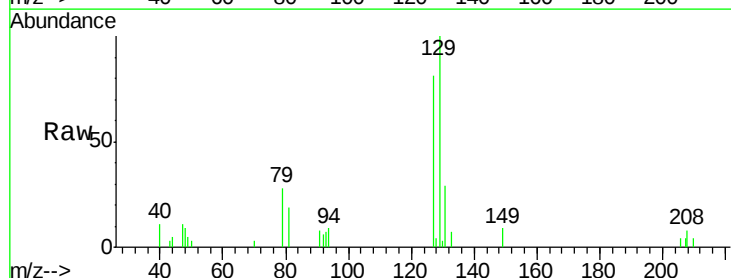
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

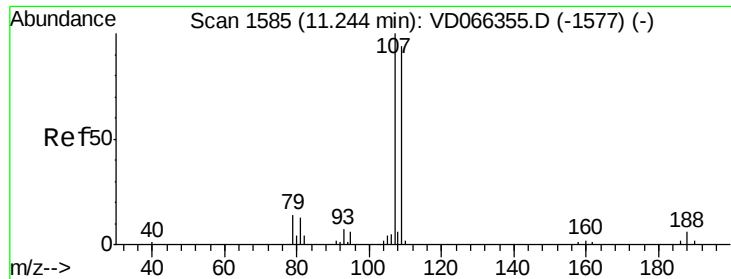
Tgt Ion: 43 Resp: 18355
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.8



#60
Dibromochloromethane
Concen: 5.220 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion: 129 Resp: 12855
Ion Ratio Lower Upper
129 100
127 79.6 39.0 117.0

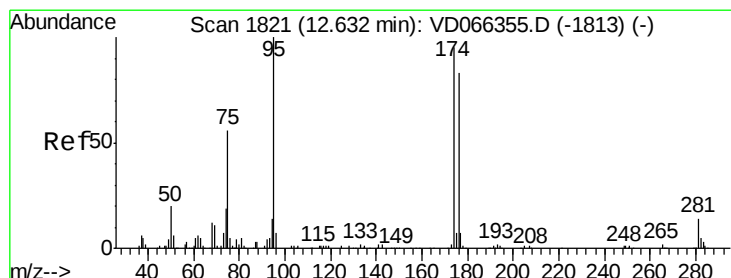
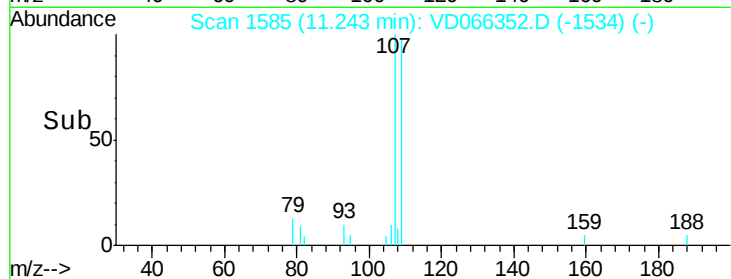
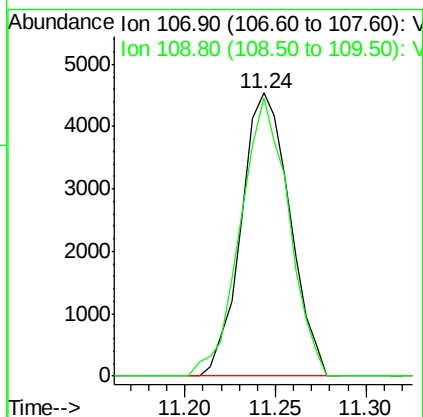
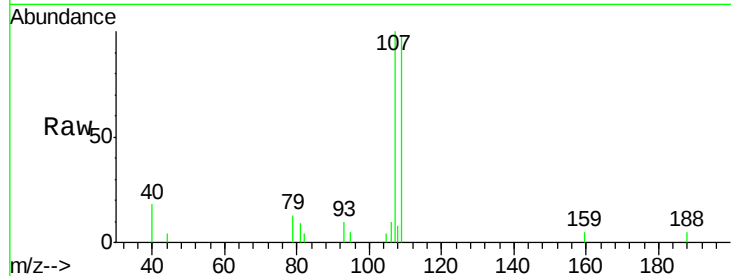




#61
 1,2-Dibromoethane
 Concen: 4.999 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

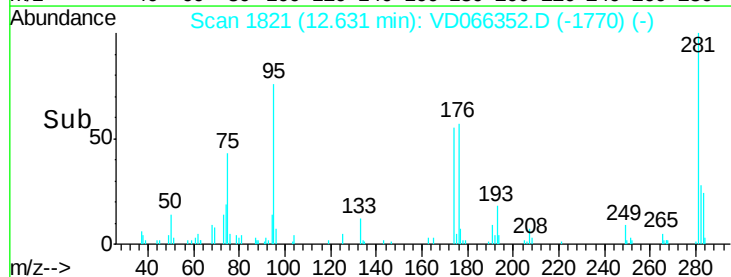
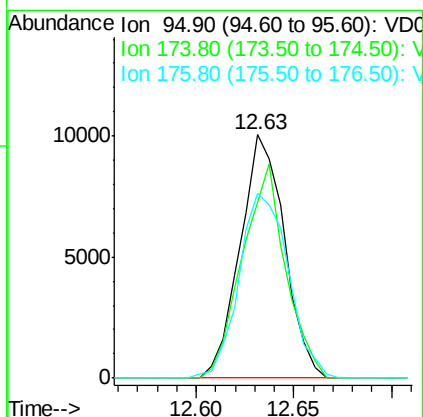
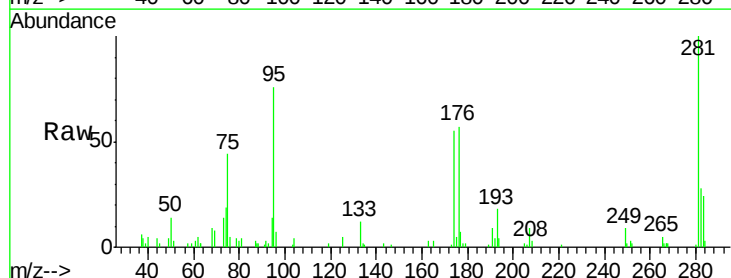
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

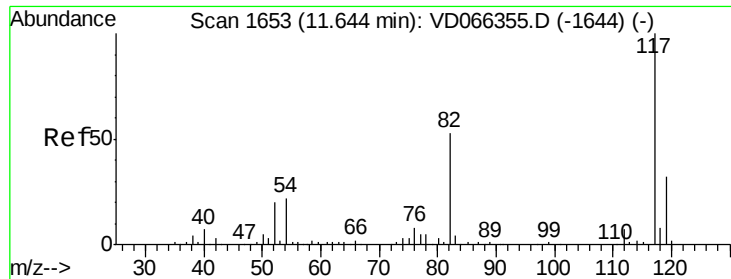
Tgt Ion: 107 Resp: 8477
 Ion Ratio Lower Upper
 107 100
 109 97.6 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 5.343 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Tgt Ion: 95 Resp: 15782
 Ion Ratio Lower Upper
 95 100
 174 86.2 0.0 183.4
 176 84.6 0.0 173.8

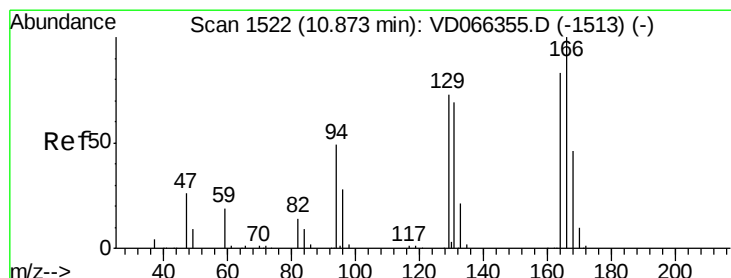
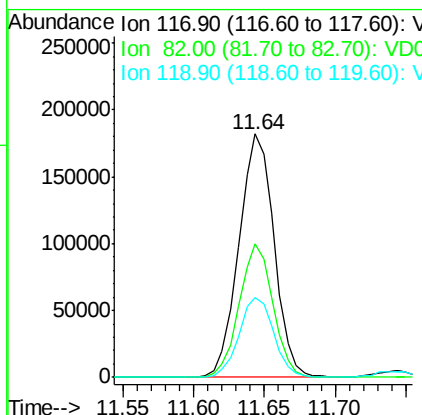
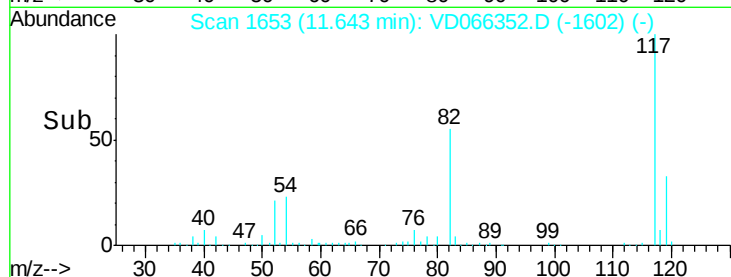
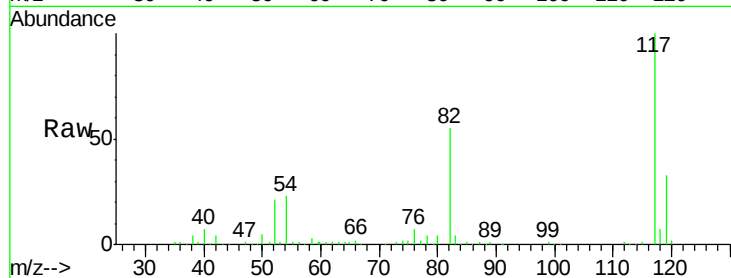




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

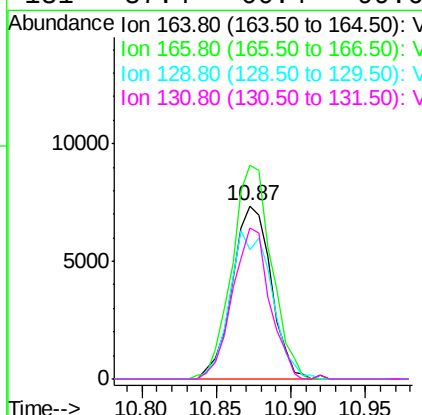
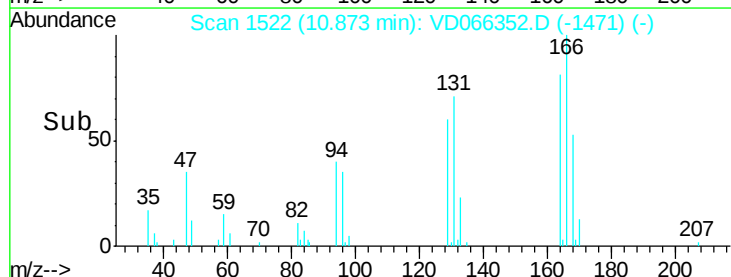
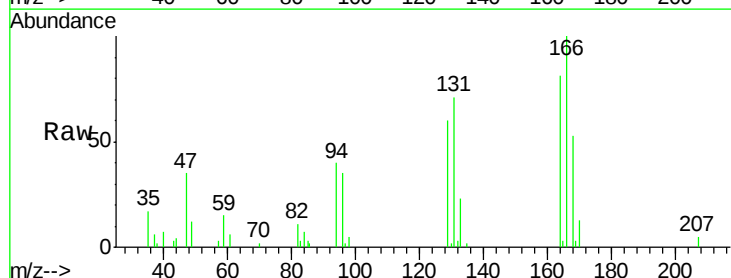
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

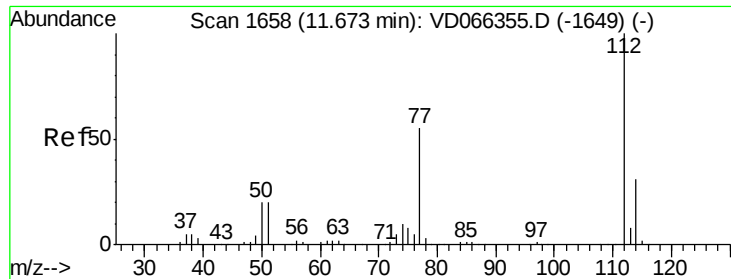
Tgt Ion:117 Resp: 317079
Ion Ratio Lower Upper
117 100
82 55.0 42.8 64.2
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 5.462 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion:164 Resp: 13386
Ion Ratio Lower Upper
164 100
166 123.5 96.2 144.4
129 74.5 70.3 105.5
131 87.4 66.4 99.6





#65

Chlorobenzene

Concen: 5.209 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

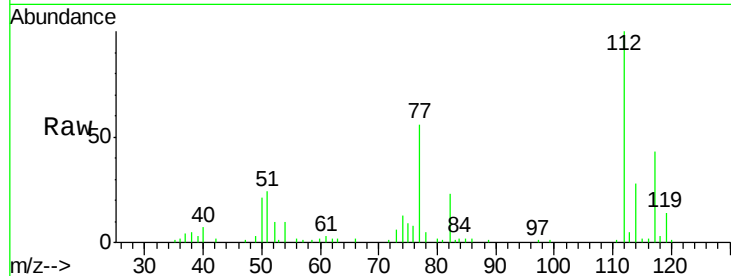
VSTDIC005

Tgt Ion:112 Resp: 33735

Ion Ratio Lower Upper

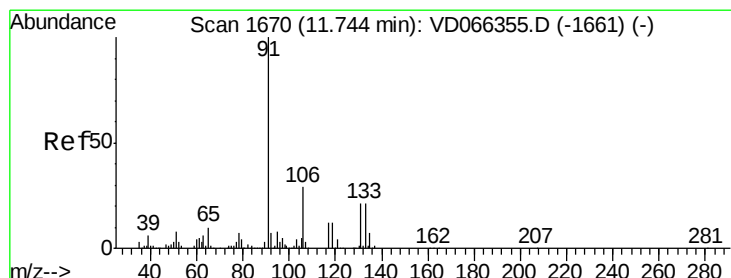
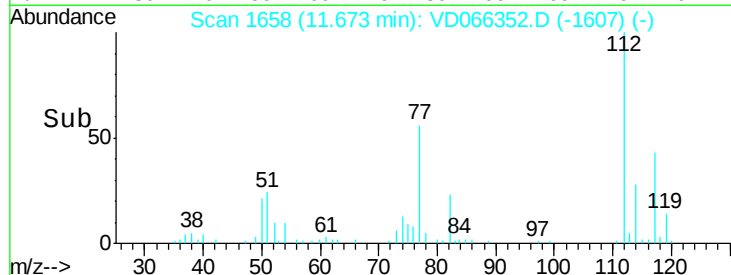
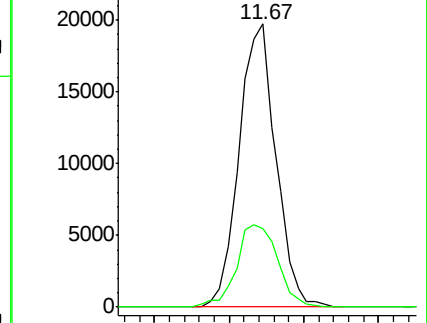
112 100

114 28.0 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.579 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

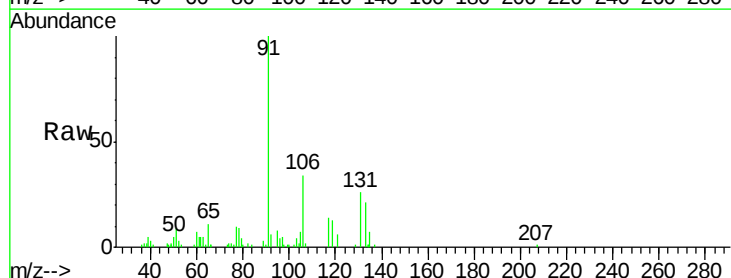
Tgt Ion:131 Resp: 14183

Ion Ratio Lower Upper

131 100

133 93.4 48.6 145.9

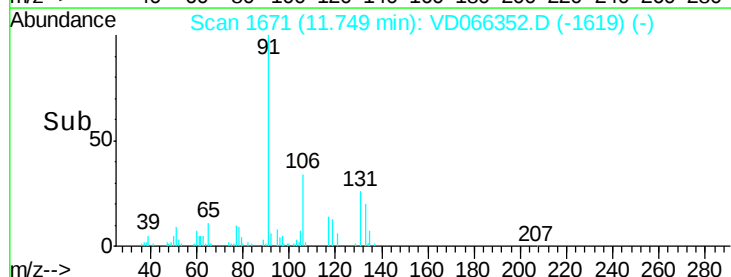
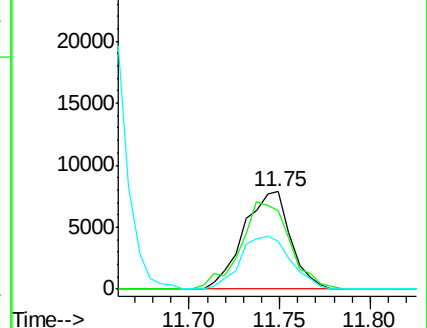
119 58.0 29.0 87.1

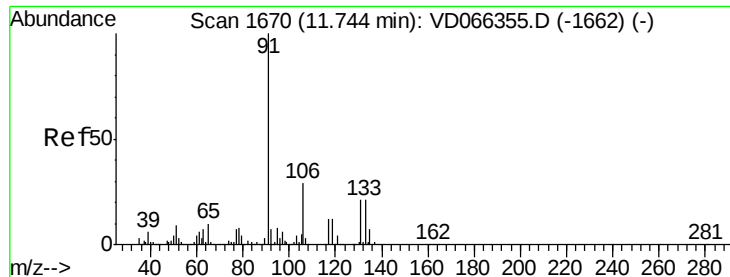


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

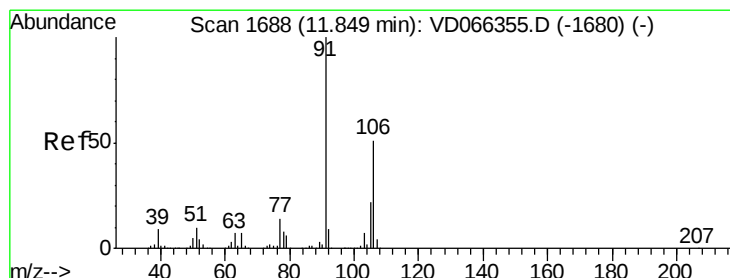
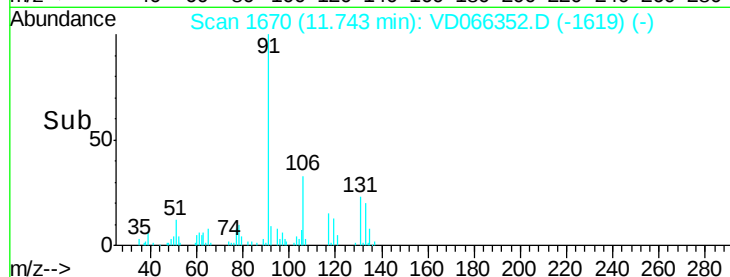
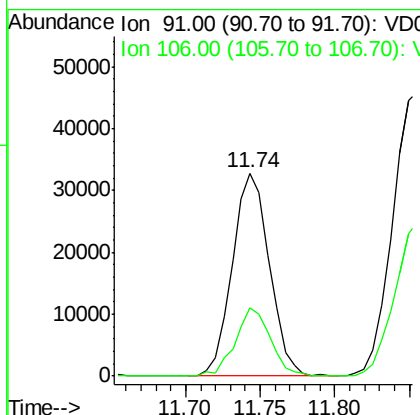
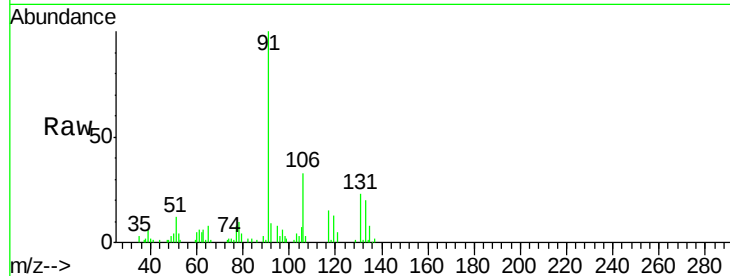




#67
Ethyl Benzene
Concen: 5.030 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

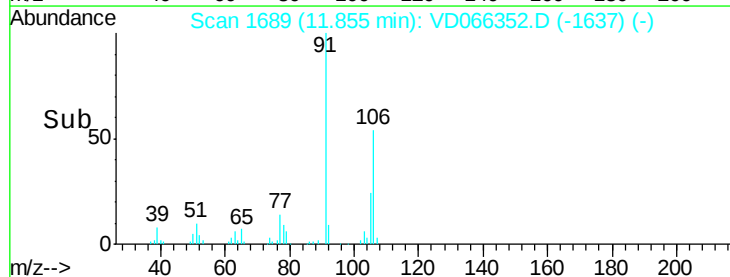
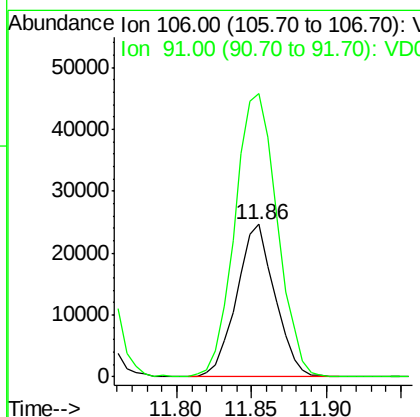
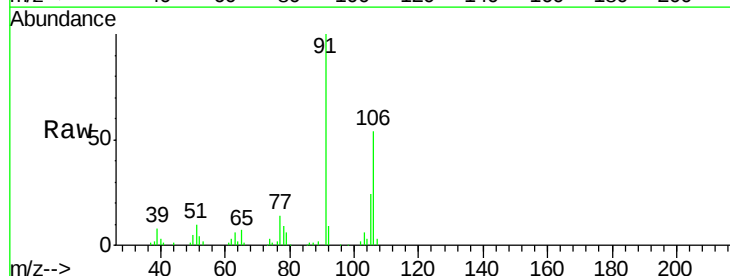
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

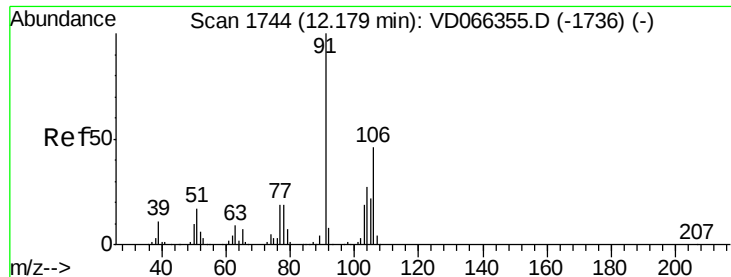
Tgt Ion: 91 Resp: 56668
Ion Ratio Lower Upper
91 100
106 33.4 23.4 35.2



#68
m/p-Xylenes
Concen: 10.130 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion: 106 Resp: 44006
Ion Ratio Lower Upper
106 100
91 204.9 160.7 241.1

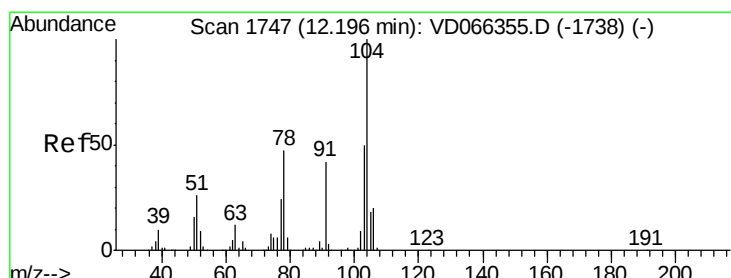
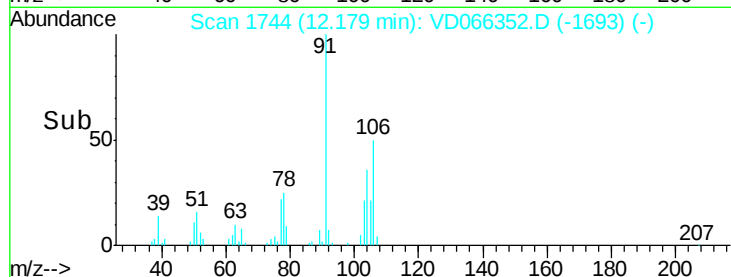
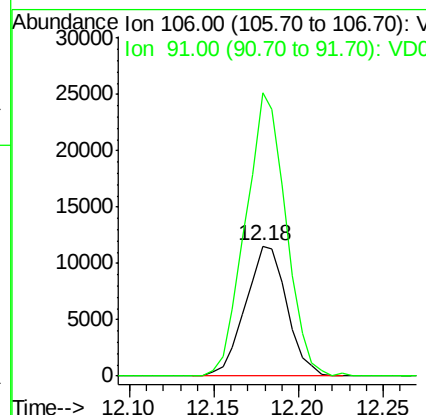
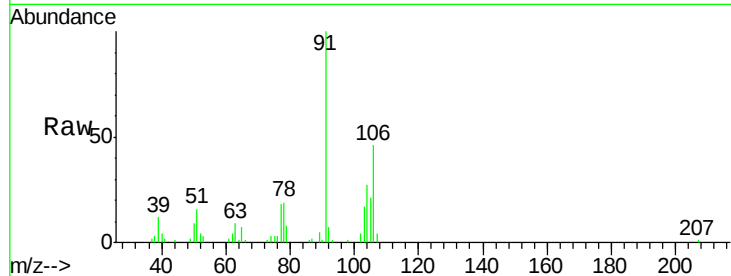




#69
o-Xylene
Concen: 4.980 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

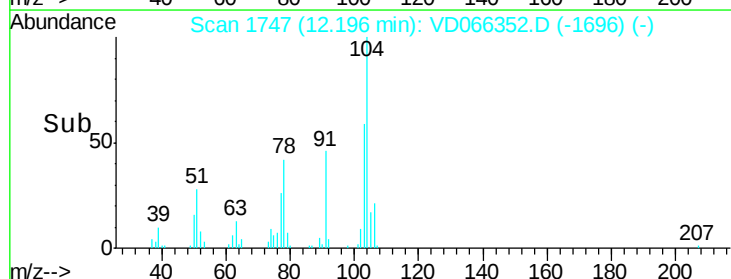
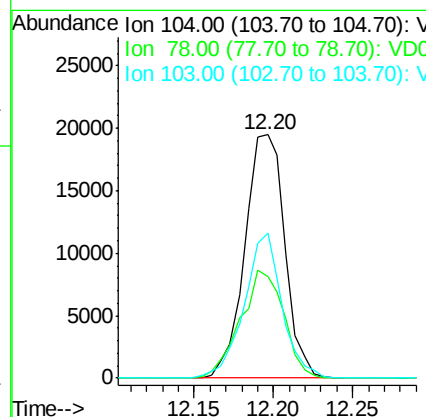
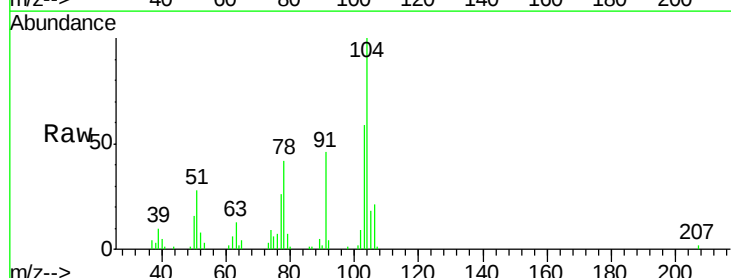
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

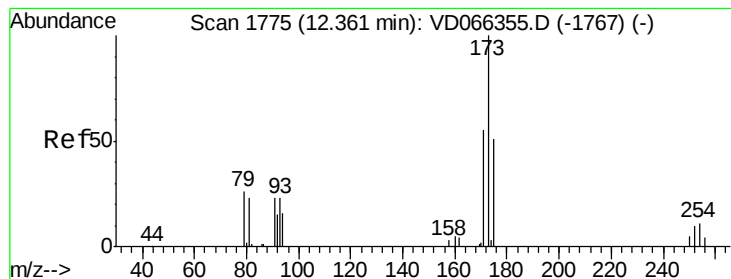
Tgt Ion:106 Resp: 19648
Ion Ratio Lower Upper
106 100
91 213.4 109.1 327.3



#70
Styrene
Concen: 4.942 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion:104 Resp: 34136
Ion Ratio Lower Upper
104 100
78 48.0 41.7 62.5
103 56.0 43.5 65.3





#71

Bromoform

Concen: 5.317 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

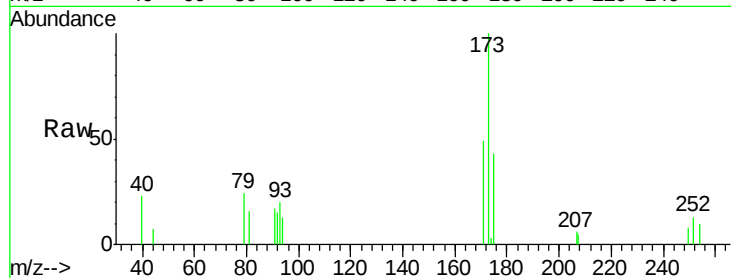
Tgt Ion:173 Resp: 7967

Ion Ratio Lower Upper

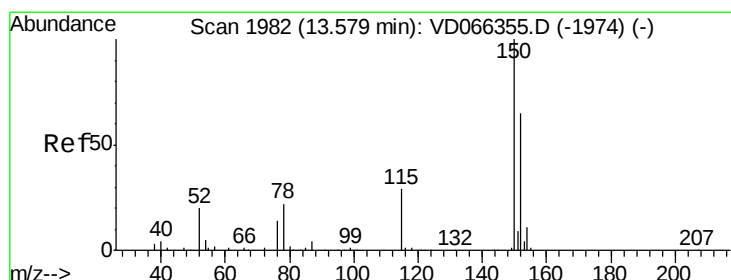
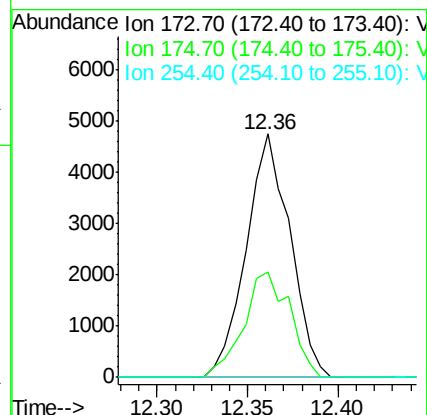
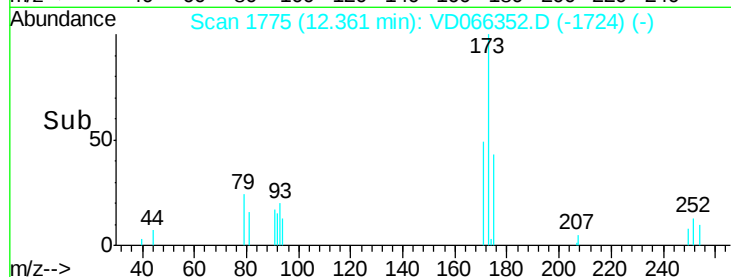
173 100

175 45.1 24.8 74.3

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: VD066352.D

Acq: 21 Aug 2020 10:58

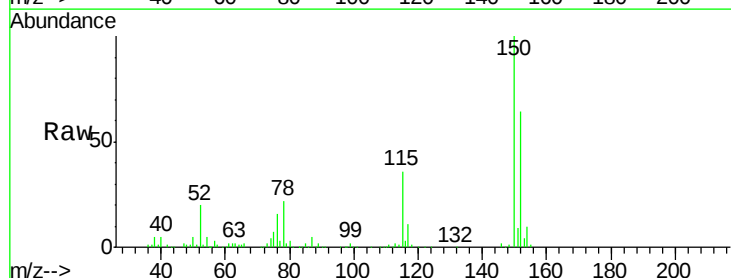
Tgt Ion:152 Resp: 166467

Ion Ratio Lower Upper

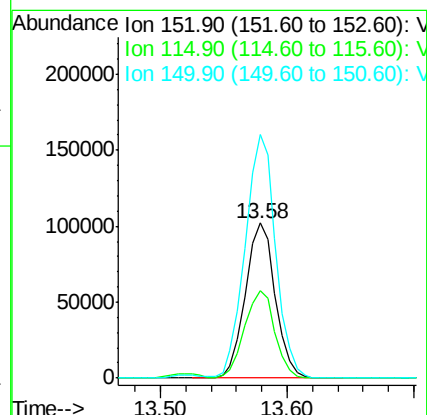
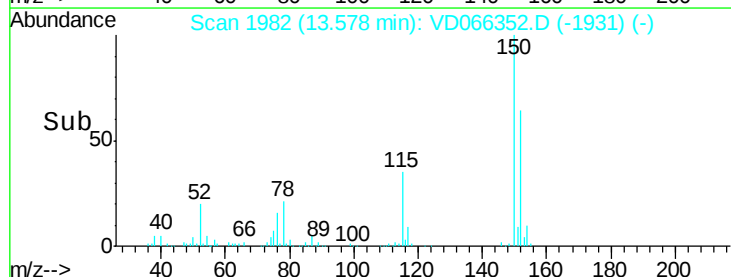
152 100

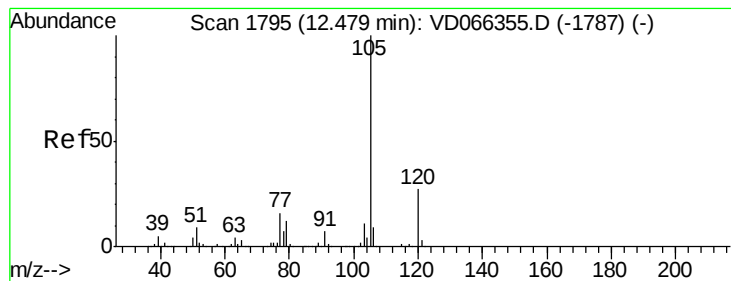
115 57.4 28.3 85.0

150 160.4 0.0 343.2



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: 5.082 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

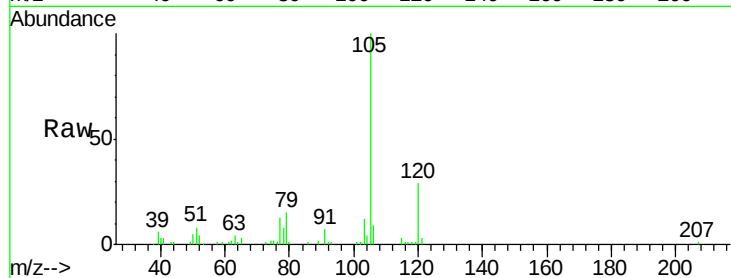
VSTDIC005

Tgt Ion:105 Resp: 56755

Ion Ratio Lower Upper

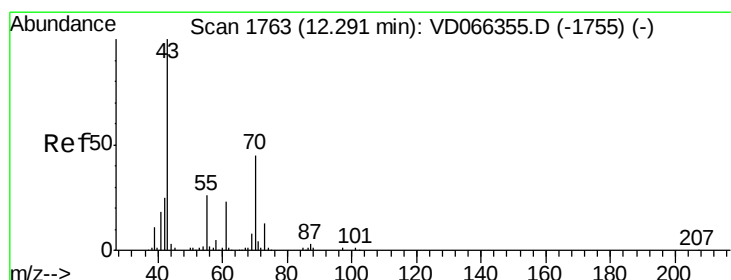
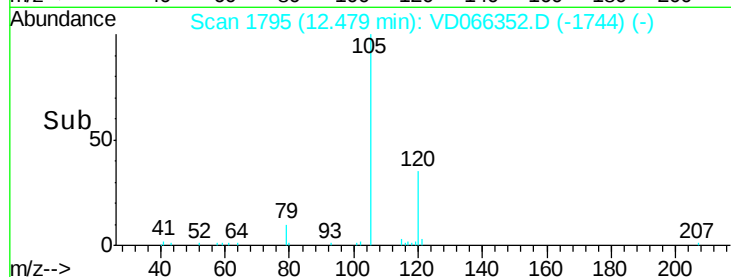
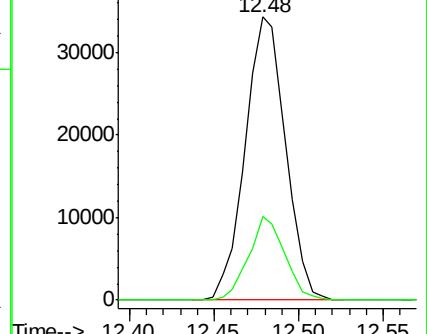
105 100

120 26.5 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: 4.089 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Tgt Ion: 43 Resp: 9756

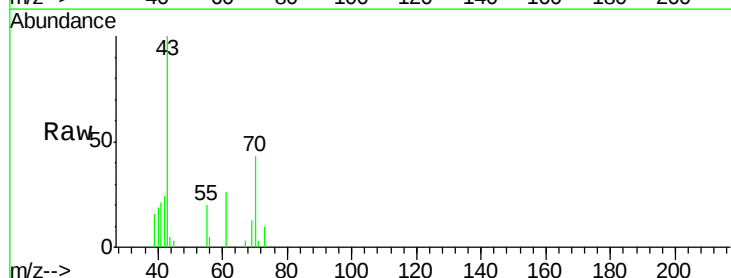
Ion Ratio Lower Upper

43 100

70 43.1 34.8 52.2

55 26.6 20.3 30.5

61 25.0 19.0 28.6

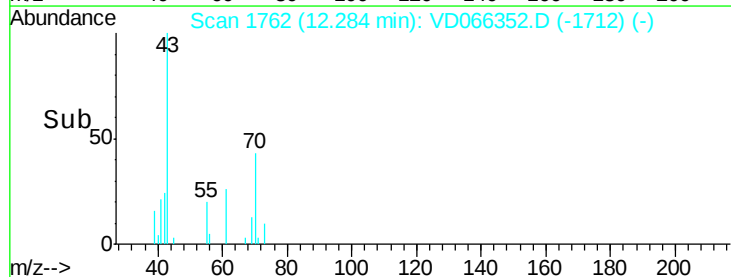
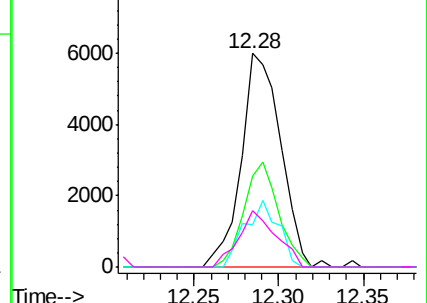


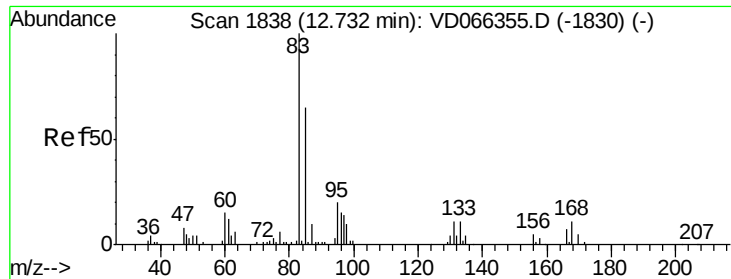
Abundance Ion 43.00 (42.70 to 43.70): V

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: 4.575 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

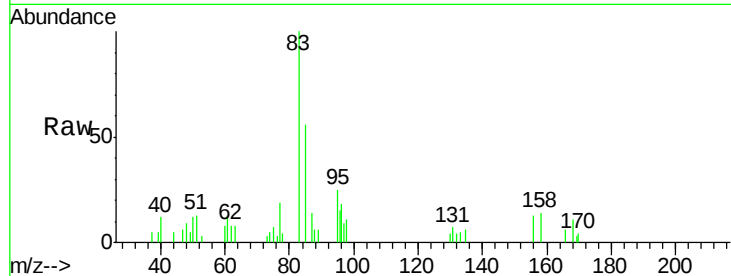
Tgt Ion: 83 Resp: 8519

Ion Ratio Lower Upper

83 100

131 13.0 7.0 20.9

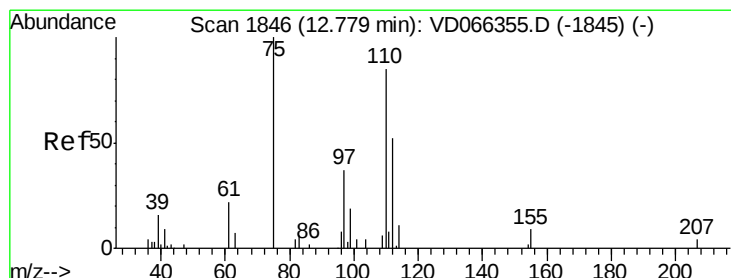
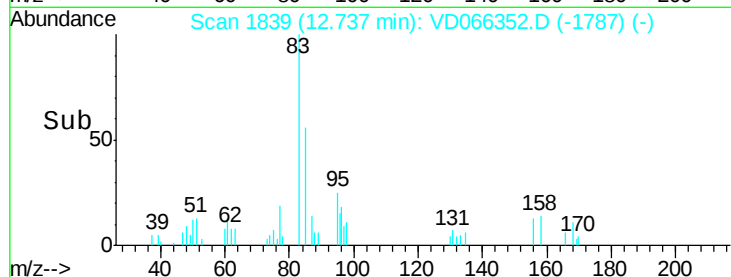
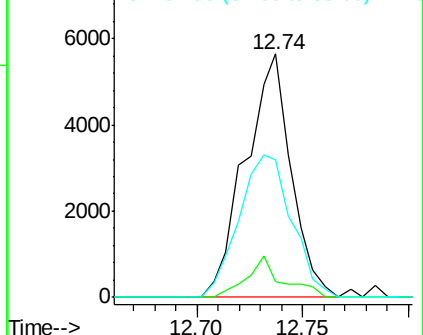
85 67.5 32.4 97.0



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: 8.477 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066352.D

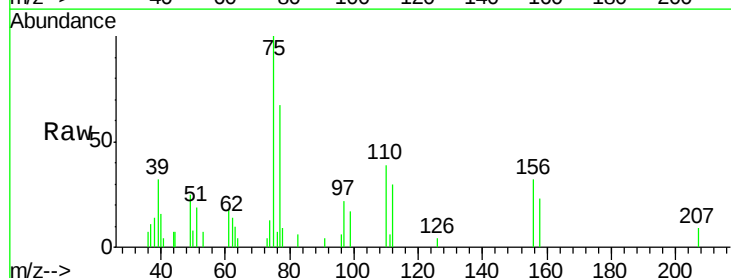
Acq: 21 Aug 2020 10:58

Tgt Ion: 75 Resp: 11641

Ion Ratio Lower Upper

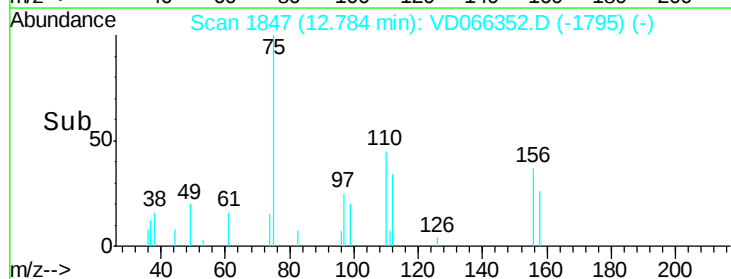
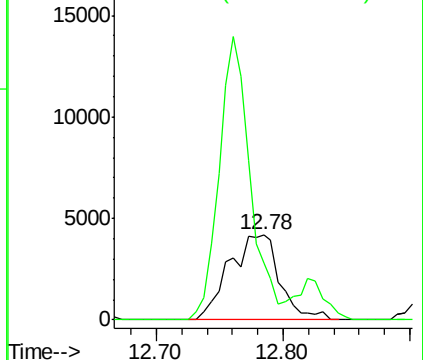
75 100

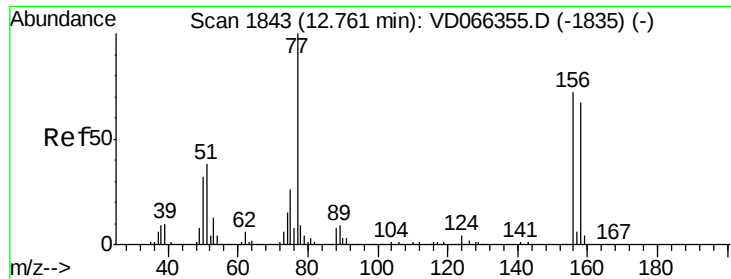
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 5.296 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

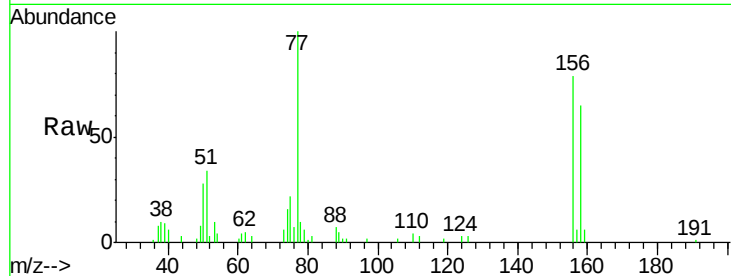
Tgt Ion:156 Resp: 15232

Ion Ratio Lower Upper

156 100

77 157.7 76.1 228.3

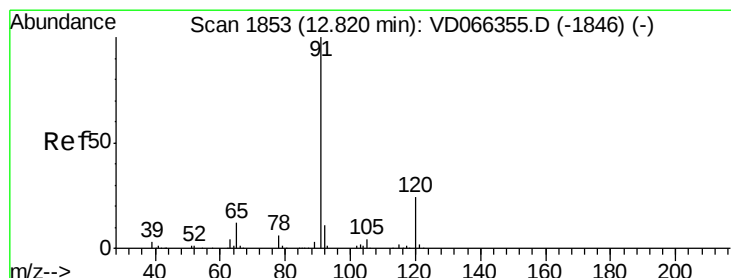
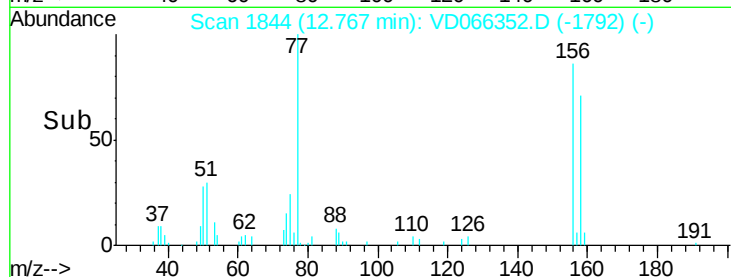
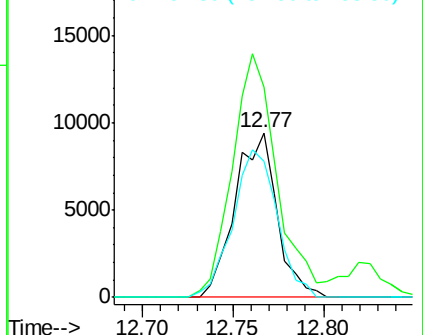
158 94.3 47.6 142.9



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: 5.142 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066352.D

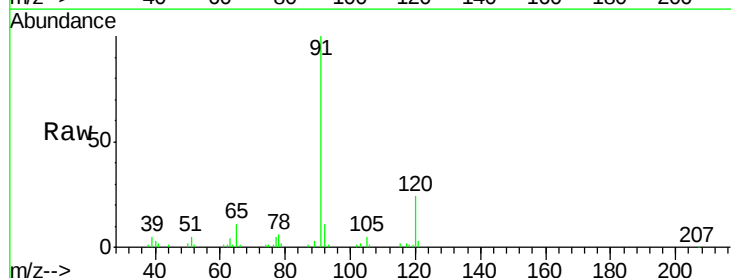
Acq: 21 Aug 2020 10:58

Tgt Ion: 91 Resp: 66580

Ion Ratio Lower Upper

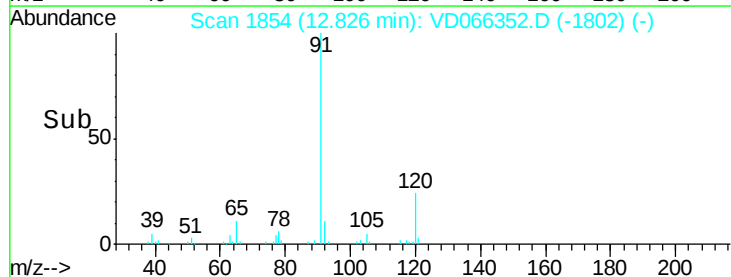
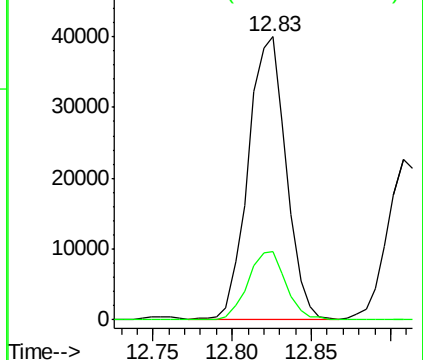
91 100

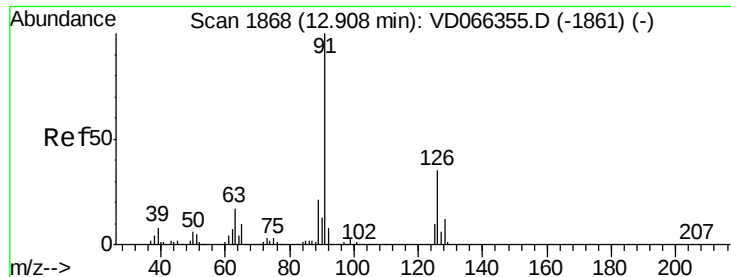
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.177 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

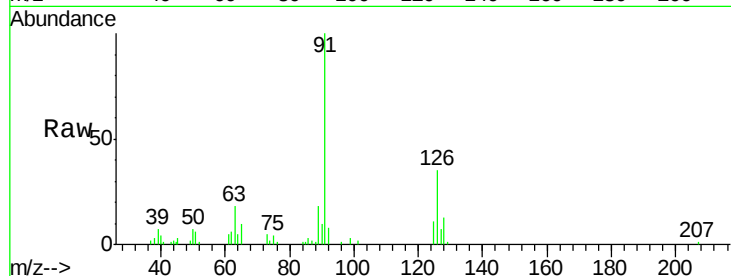
VSTDIC005

Tgt Ion: 91 Resp: 38250

Ion Ratio Lower Upper

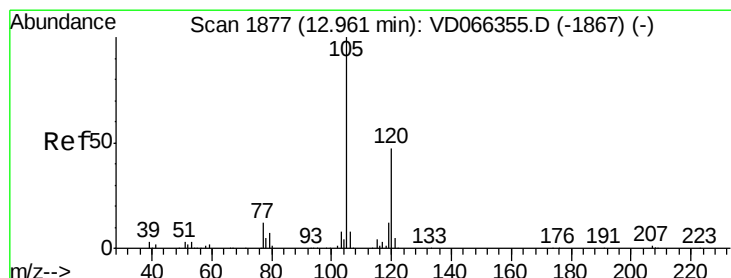
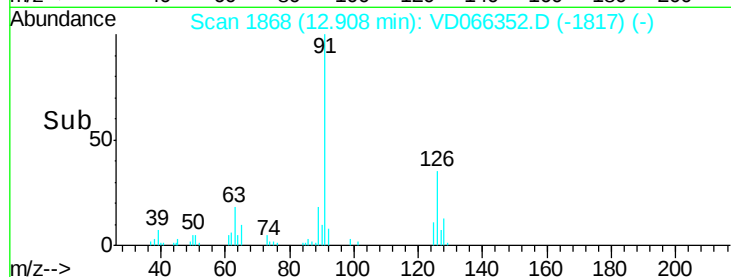
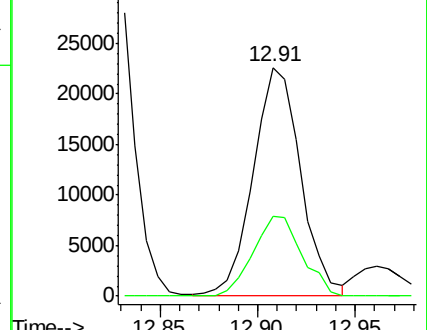
91 100

126 35.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.109 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066352.D

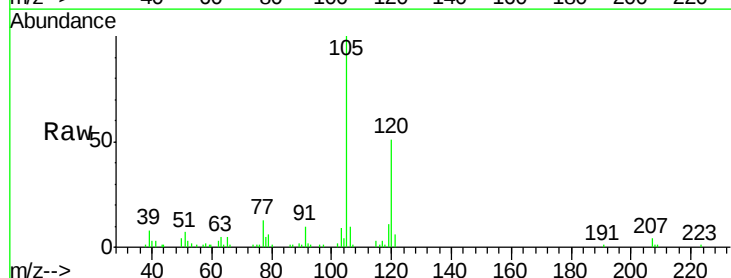
Acq: 21 Aug 2020 10:58

Tgt Ion: 105 Resp: 48018

Ion Ratio Lower Upper

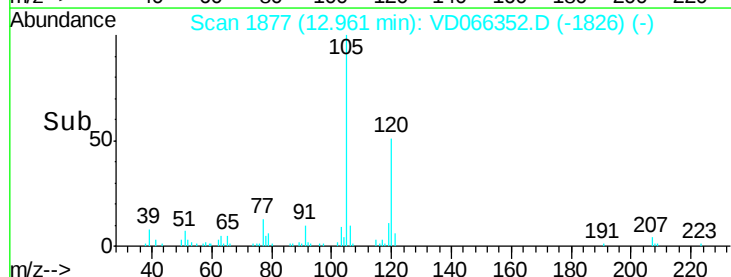
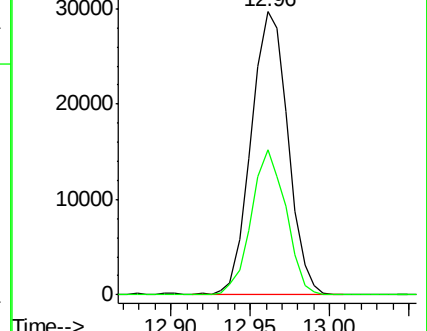
105 100

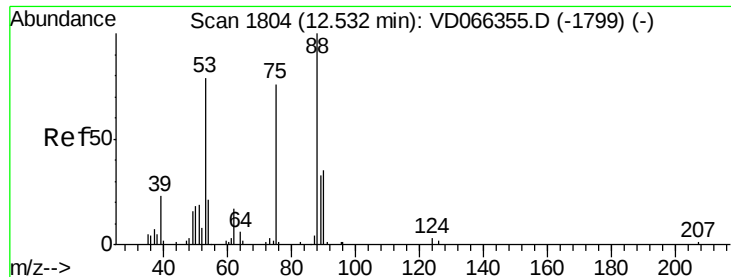
120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.561 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066352.D

Acq: 21 Aug 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

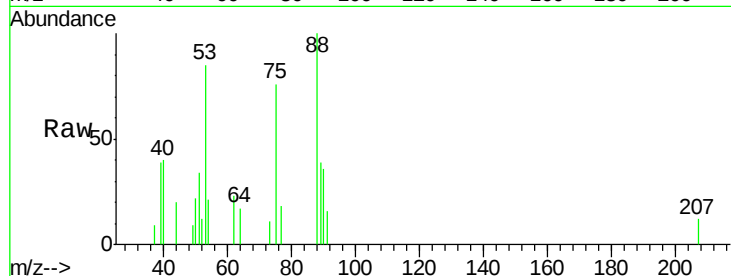
Tgt Ion: 75 Resp: 2828

Ion Ratio Lower Upper

75 100

53 100.4 87.4 131.2

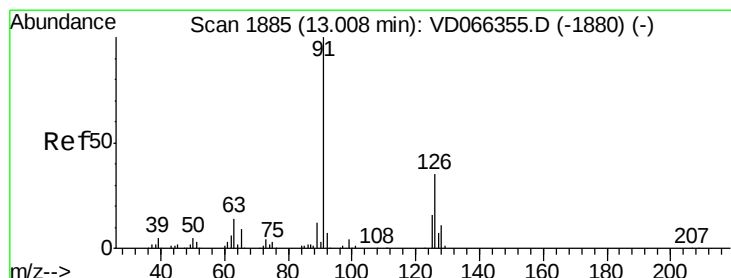
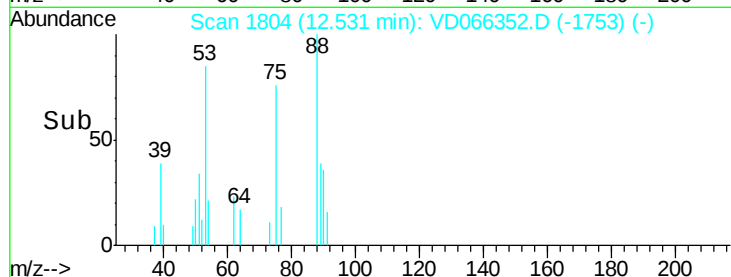
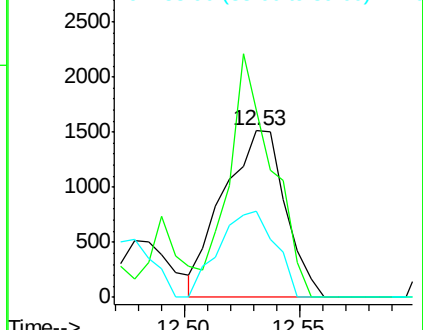
89 47.1 39.4 59.0



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: 5.149 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066352.D

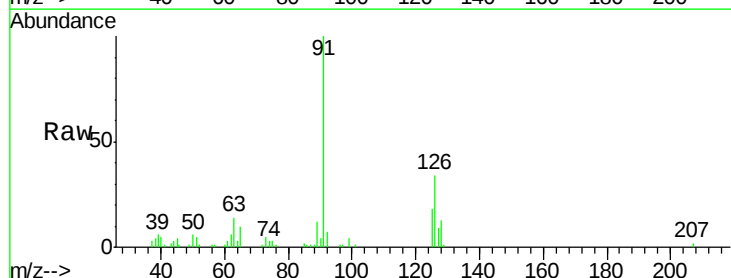
Acq: 21 Aug 2020 10:58

Tgt Ion: 91 Resp: 40283

Ion Ratio Lower Upper

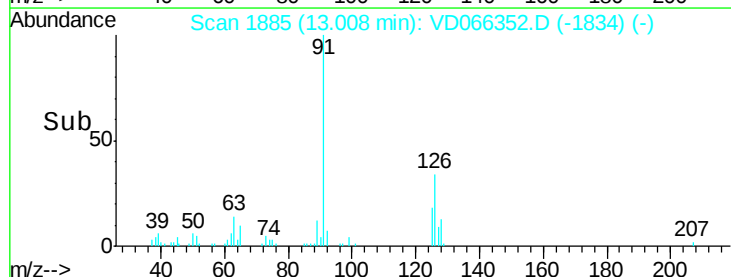
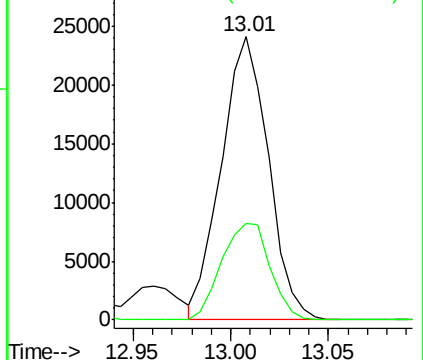
91 100

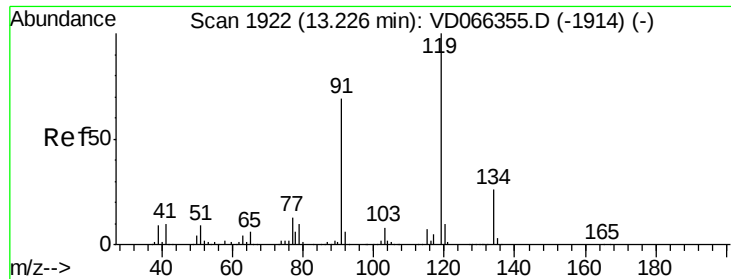
126 34.9 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

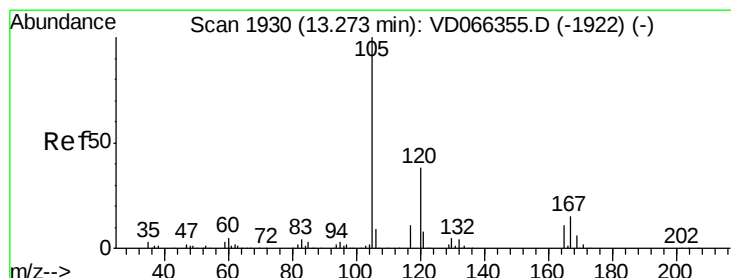
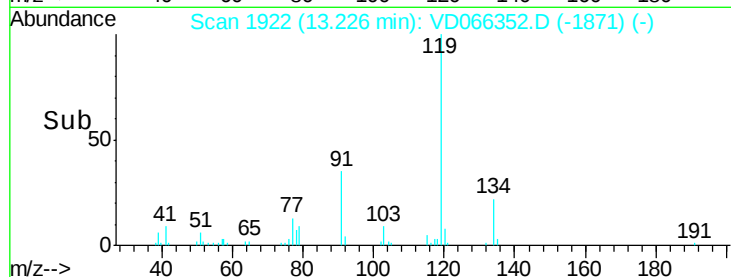
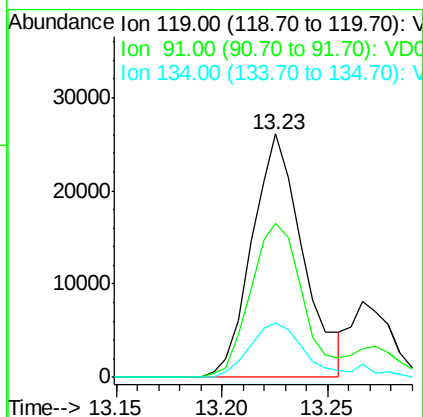
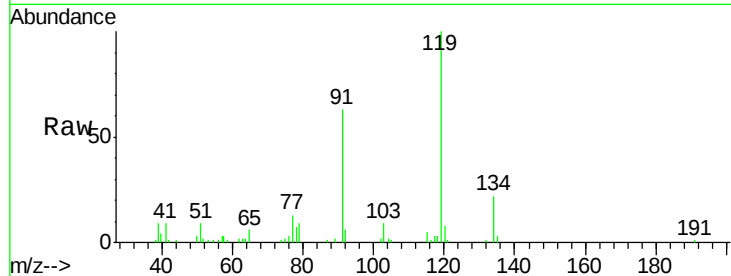




#83
tert-Butylbenzene
Concen: 5.326 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

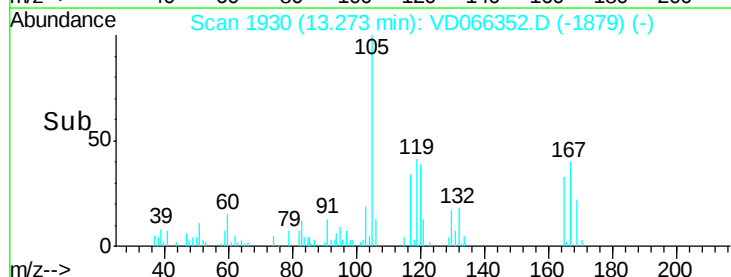
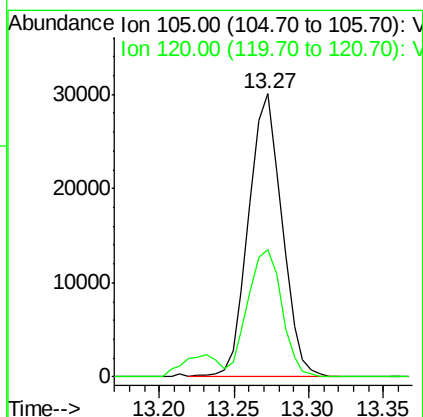
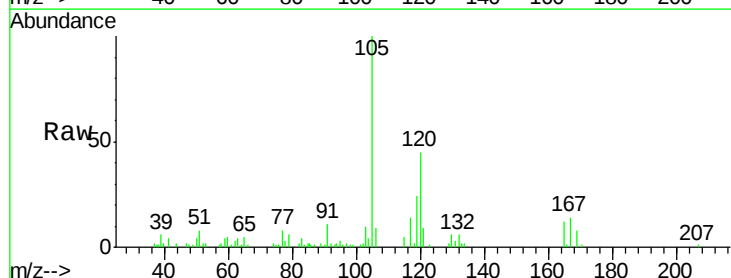
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

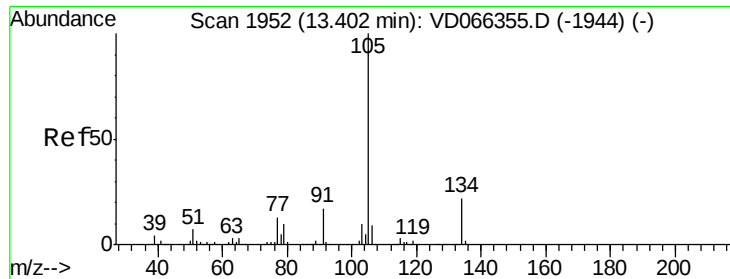
Tgt Ion:119 Resp: 43734
Ion Ratio Lower Upper
119 100
91 64.7 33.5 100.5
134 23.7 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 4.987 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion:105 Resp: 46617
Ion Ratio Lower Upper
105 100
120 45.9 22.6 67.7

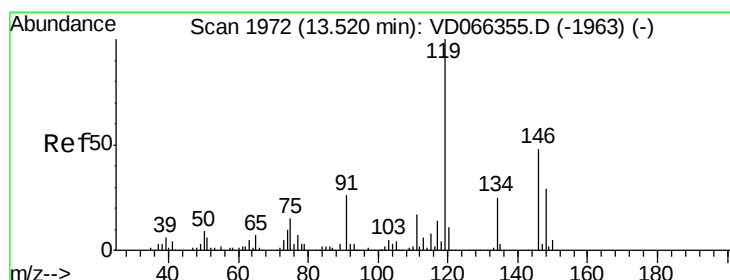
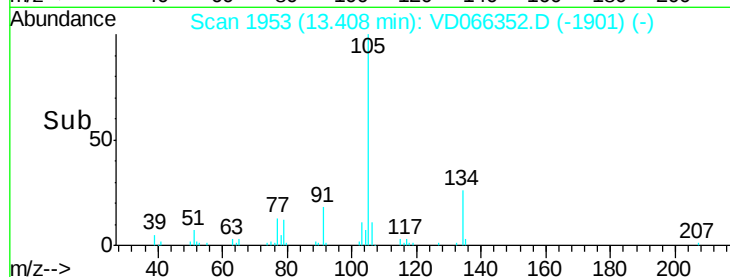
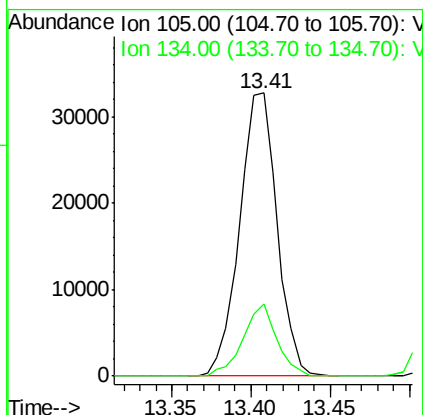
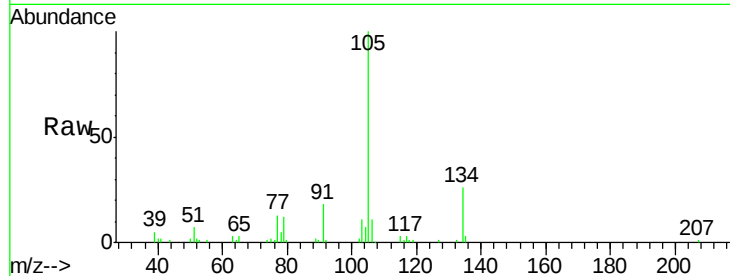




#85
 sec-Butylbenzene
 Concen: 4.856 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

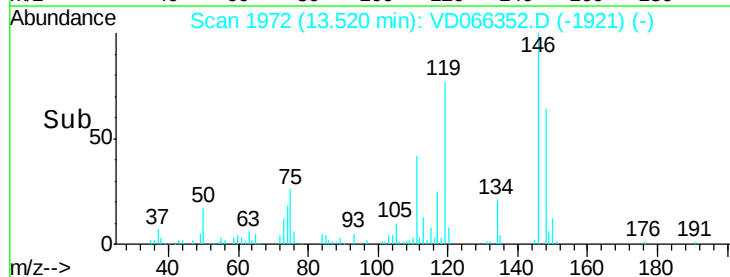
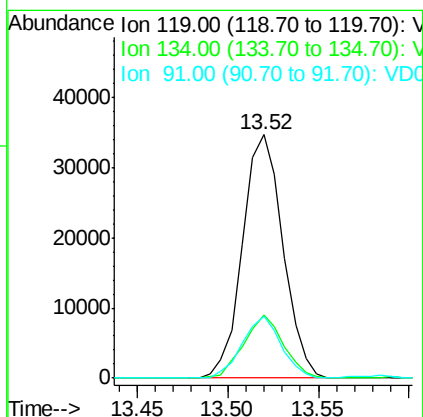
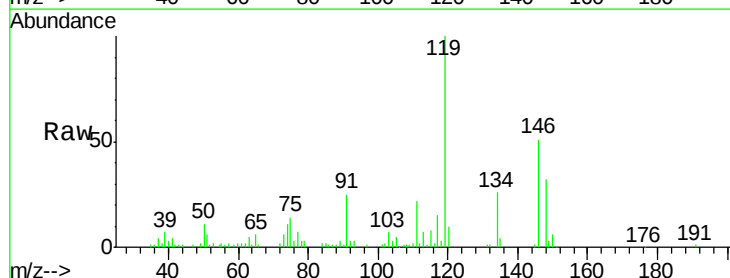
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

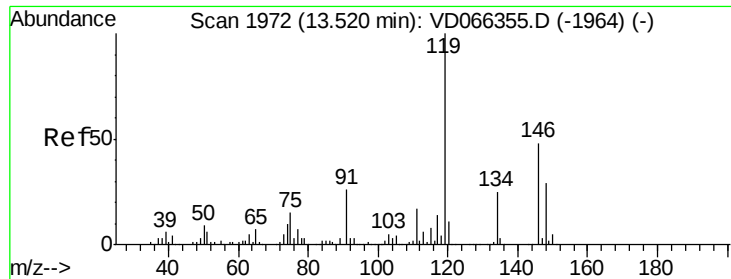
Tgt Ion:105 Resp: 53768
 Ion Ratio Lower Upper
 105 100
 134 22.8 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 5.143 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Tgt Ion:119 Resp: 53687
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 24.4 12.7 38.0

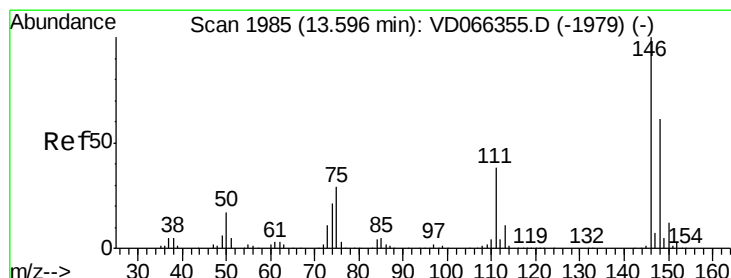
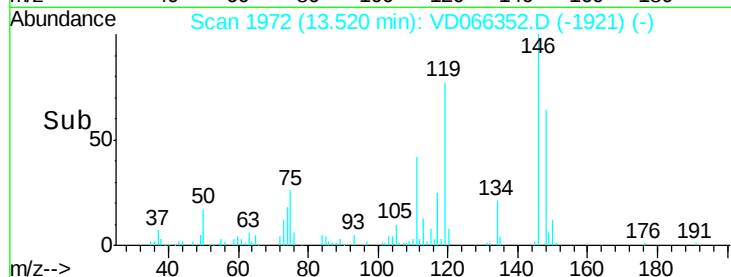
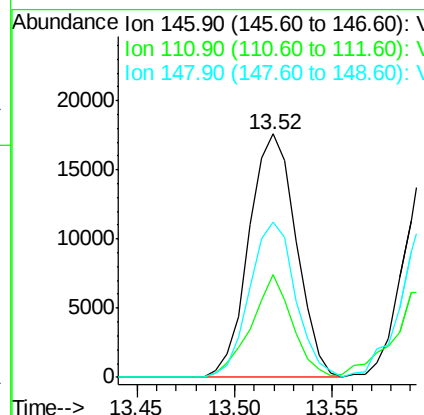
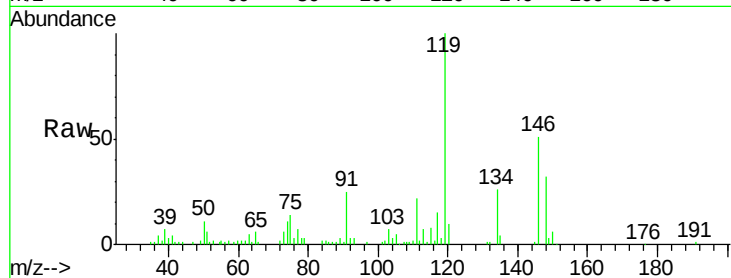




#87
 1,3-Dichlorobenzene
 Concen: 5.451 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

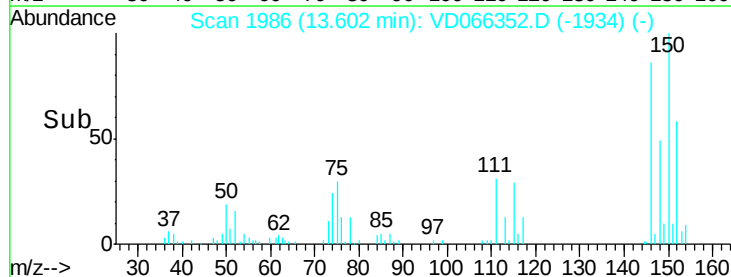
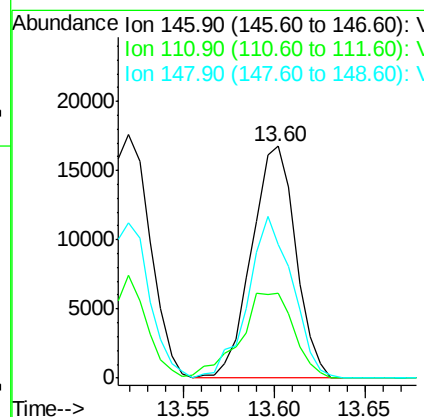
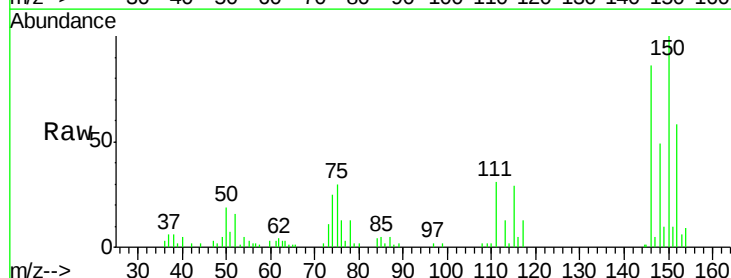
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

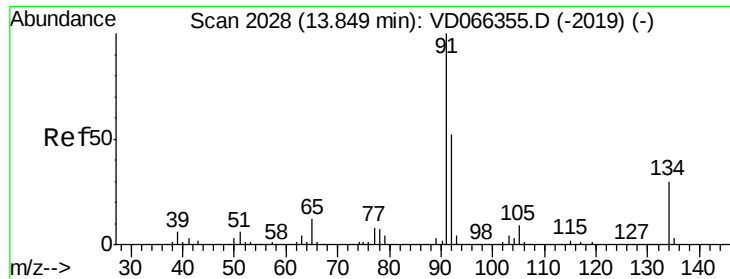
Tgt Ion:146 Resp: 29423
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.9 56.9
 148 62.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 5.275 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Tgt Ion:146 Resp: 28316
 Ion Ratio Lower Upper
 146 100
 111 44.9 19.1 57.5
 148 70.1 32.1 96.3

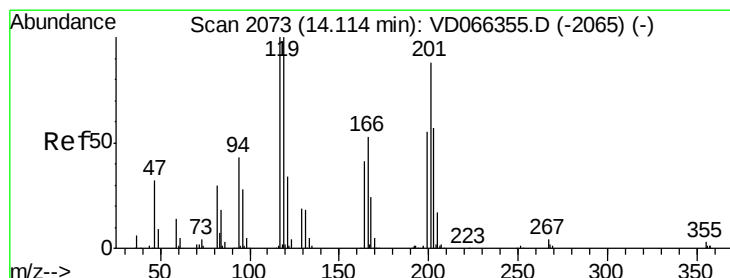
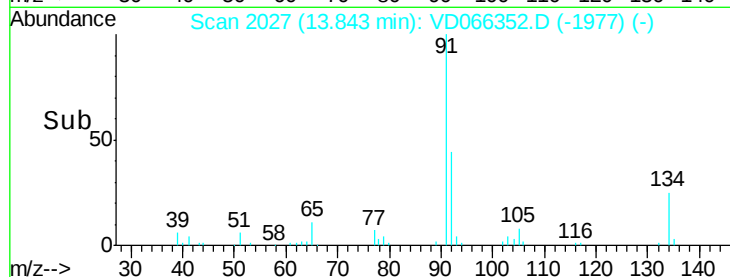
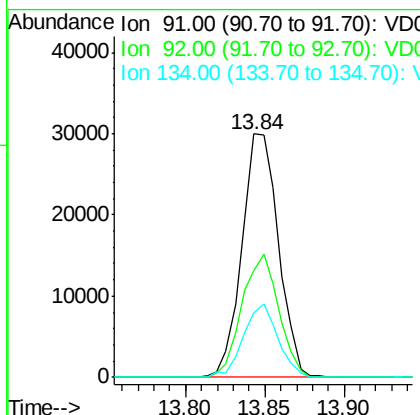
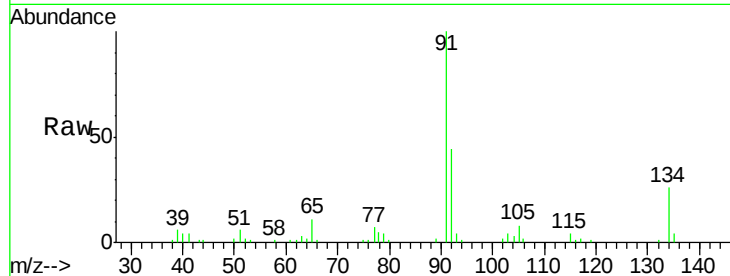




#89
n-Butylbenzene
Concen: 5.161 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

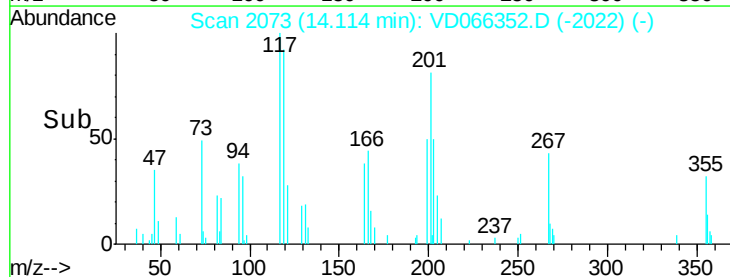
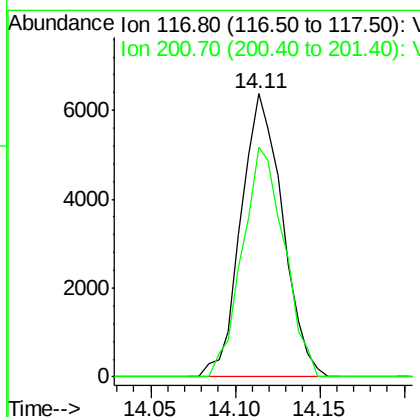
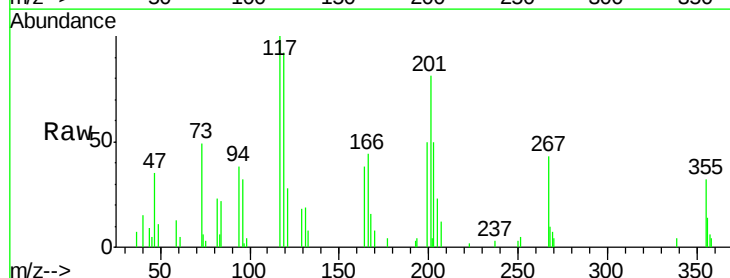
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

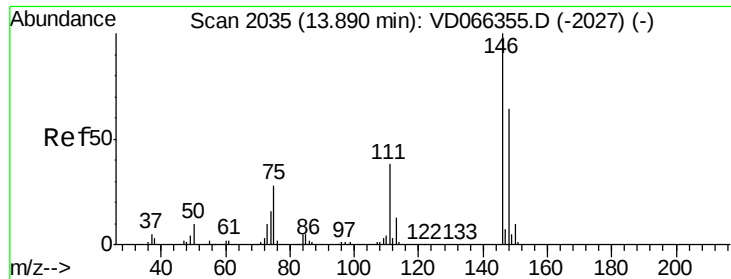
Tgt Ion: 91 Resp: 48113
Ion Ratio Lower Upper
91 100
92 50.6 26.4 79.0
134 28.2 14.4 43.4



#90
Hexachloroethane
Concen: 5.246 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion: 117 Resp: 10899
Ion Ratio Lower Upper
117 100
201 82.2 45.4 136.2

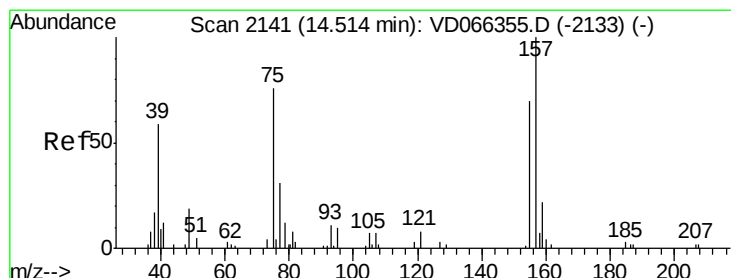
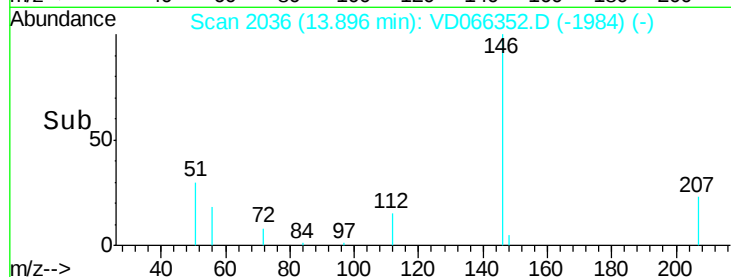
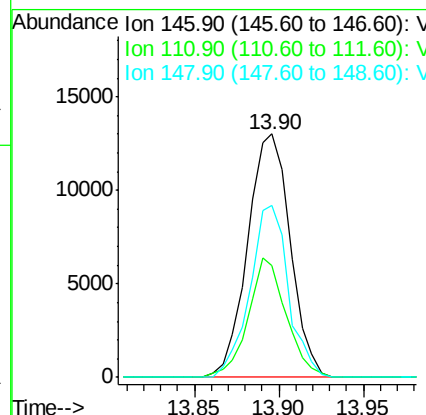
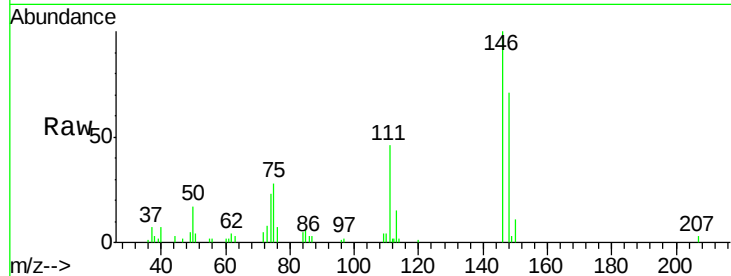




#91
 1,2-Dichlorobenzene
 Concen: 4.813 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

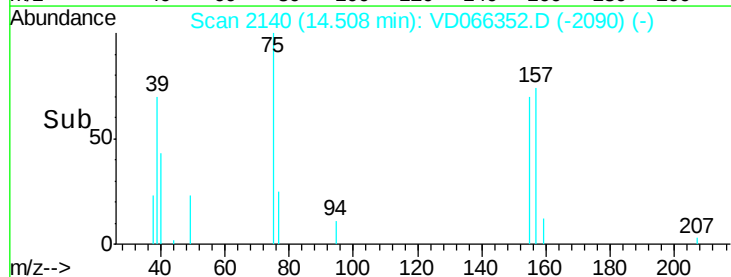
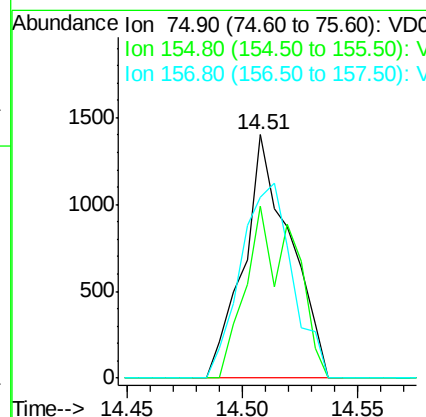
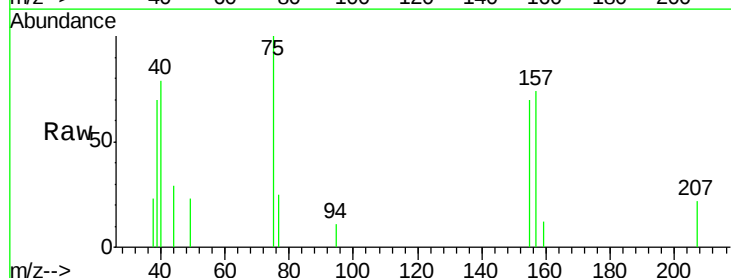
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

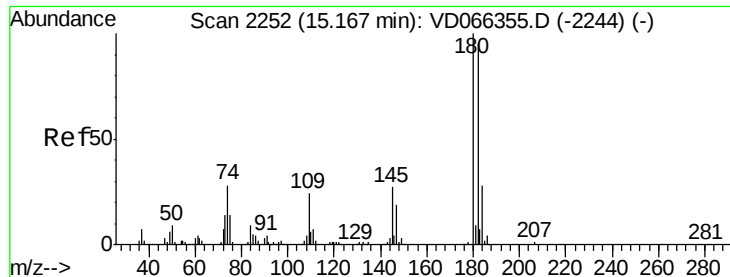
Tgt Ion: 146 Resp: 22853
 Ion Ratio Lower Upper
 146 100
 111 43.6 19.9 59.7
 148 64.1 32.6 97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.000 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Tgt Ion: 75 Resp: 1972
 Ion Ratio Lower Upper
 75 100
 155 73.4 46.9 140.6
 157 89.0 61.0 183.0

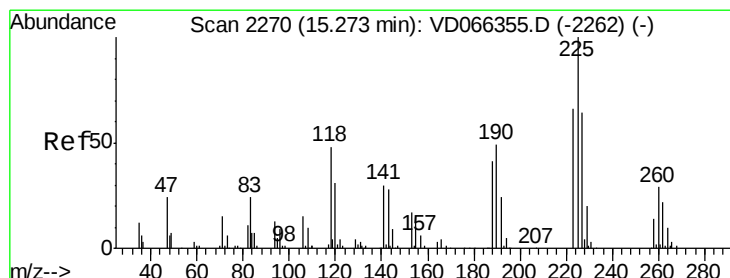
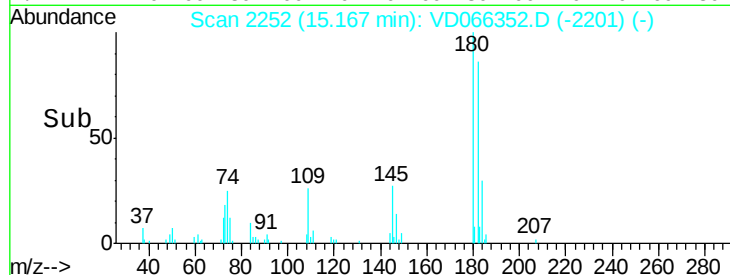
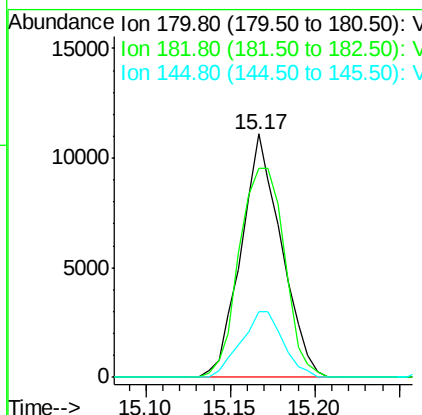
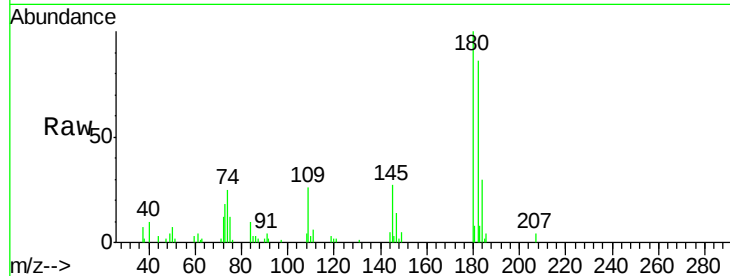




#93
 1,2,4-Trichlorobenzene
 Concen: 5.223 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

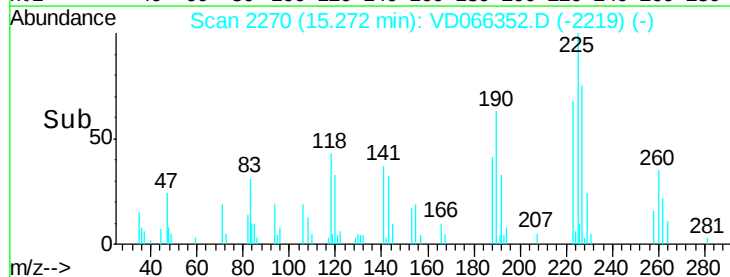
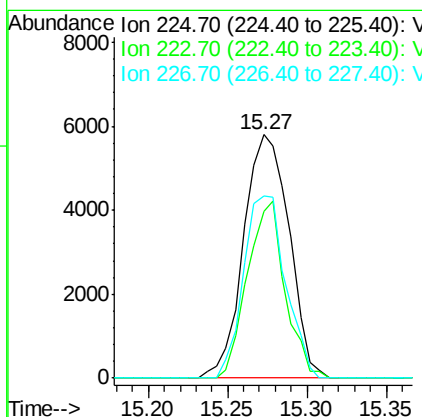
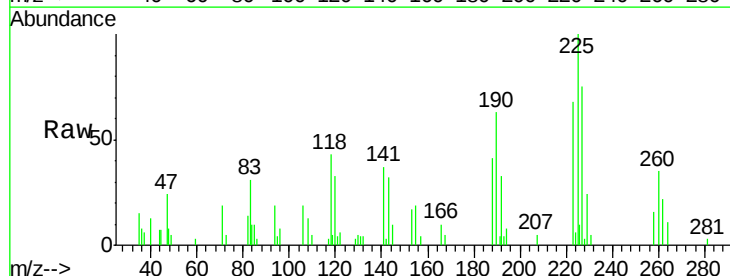
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

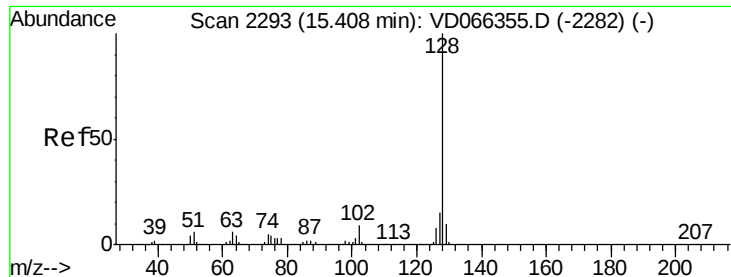
Tgt Ion:180 Resp: 18443
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.0 144.0
 145 28.3 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 5.508 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066352.D
 Acq: 21 Aug 2020 10:58

Tgt Ion:225 Resp: 11598
 Ion Ratio Lower Upper
 225 100
 223 60.1 32.5 97.4
 227 69.1 33.0 98.9

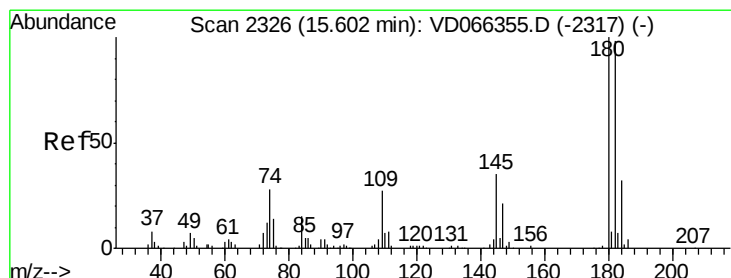
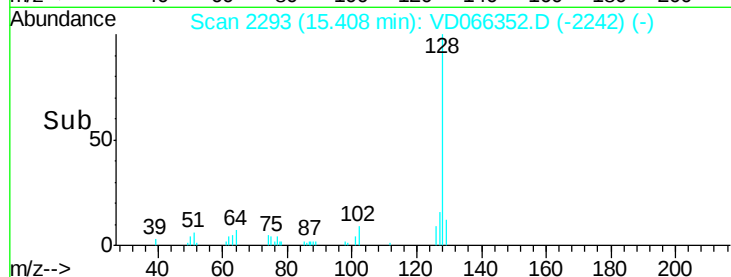
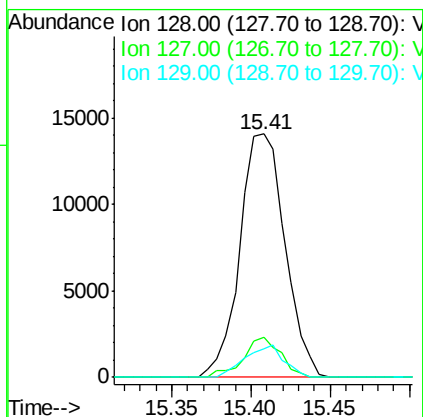
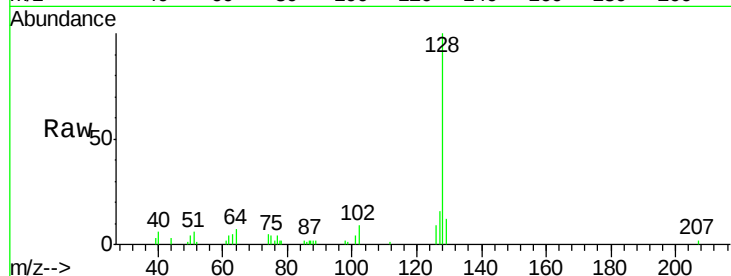




#95
Naphthalene
Concen: 4.880 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 27860
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 4.865 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066352.D
Acq: 21 Aug 2020 10:58

Tgt Ion:180 Resp: 15117
Ion Ratio Lower Upper
180 100
182 90.7 46.7 140.0
145 34.1 16.0 48.0

