

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080520\
 Data File : VD066122.D
 Acq On : 05 Aug 2020 10:35
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 05 13:34:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:31:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	342412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	504038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	466401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	239071	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	16998	5.55	ug/l	0.00
Spiked Amount			Recovery	=	11.10%	
35) Dibromofluoromethane	7.91	113	17113	5.31	ug/l	0.00
Spiked Amount			Recovery	=	10.62%	
50) Toluene-d8	10.34	98	62119	5.28	ug/l	0.00
Spiked Amount			Recovery	=	10.56%	
62) 4-Bromofluorobenzene	12.64	95	23520	5.50	ug/l	0.00
Spiked Amount			Recovery	=	11.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	14620	4.594	ug/l	94
3) Chloromethane	2.20	50	13215	5.277	ug/l	94
4) Vinyl Chloride	2.34	62	10547	4.921	ug/l	96
5) Bromomethane	2.76	94	8069	5.505	ug/l	96
6) Chloroethane	2.91	64	6976	5.225	ug/l	93
7) Trichlorofluoromethane	3.26	101	29597	5.301	ug/l	97
8) Diethyl Ether	3.70	74	7969	5.230	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	16835	5.099	ug/l	97
10) Methyl Iodide	4.29	142	8641	4.262	ug/l	97
11) Tert butyl alcohol	5.20	59	6816	18.714	ug/l #	84
12) 1,1-Dichloroethene	4.06	96	15983	5.158	ug/l	85
13) Acrolein	3.91	56	6698	27.071	ug/l	89
14) Allyl chloride	4.70	41	24063	5.174	ug/l	99
15) Acrylonitrile	5.41	53	15172	23.681	ug/l	94
16) Acetone	4.16	43	15585	26.477	ug/l	93
17) Carbon Disulfide	4.40	76	50220	5.091	ug/l	99
18) Methyl Acetate	4.71	43	8695	5.759	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	33714	4.856	ug/l	98
20) Methylene Chloride	4.96	84	27966	6.442	ug/l	96
21) trans-1,2-Dichloroethene	5.46	96	18365	5.149	ug/l	97
22) Diisopropyl ether	6.36	45	44760	4.870	ug/l #	97
23) Vinyl Acetate	6.30	43	125953	23.678	ug/l	98
24) 1,1-Dichloroethane	6.26	63	29959	5.225	ug/l	95
25) 2-Butanone	7.21	43	23012	26.425	ug/l	98
26) 2,2-Dichloropropane	7.20	77	28370	5.405	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	18837	5.103	ug/l	95
28) Bromochloromethane	7.54	49	10618	5.298	ug/l #	97
29) Tetrahydrofuran	7.55	42	13326	25.176	ug/l	96
30) Chloroform	7.71	83	31638	5.242	ug/l	96
31) Cyclohexane	7.98	56	31329	5.603	ug/l #	85
32) 1,1,1-Trichloroethane	7.90	97	28855	5.110	ug/l	97
36) 1,1-Dichloropropene	8.10	75	24581	5.053	ug/l	99
37) Ethyl Acetate	7.30	43	10630	5.631	ug/l #	93
38) Carbon Tetrachloride	8.10	117	27193	5.028	ug/l #	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080520\
 Data File : VD066122.D
 Acq On : 05 Aug 2020 10:35
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 05 13:34:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:31:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	28024	4.854	ug/l	95
40) Benzene	8.35	78	68827	5.098	ug/l	96
41) Methacrylonitrile	7.52	41	4575	4.253	ug/l #	82
42) 1,2-Dichloroethane	8.42	62	20620	5.230	ug/l	98
43) Isopropyl Acetate	8.45	43	17800	4.825	ug/l #	60
44) Trichloroethene	9.11	130	20045	4.969	ug/l	100
45) 1,2-Dichloropropane	9.38	63	16434	5.028	ug/l	91
46) Dibromomethane	9.47	93	8480	4.719	ug/l	89
47) Bromodichloromethane	9.66	83	23347	4.913	ug/l #	96
48) Methyl methacrylate	9.46	41	9797	5.042	ug/l	94
49) 1,4-Dioxane	9.46	88	2024	87.822	ug/l #	77
51) 4-Methyl-2-Pentanone	10.23	43	46793	24.339	ug/l	100
52) Toluene	10.40	92	44146	4.996	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	20866	4.687	ug/l	93
54) cis-1,3-Dichloropropene	10.08	75	25218	4.845	ug/l	91
55) 1,1,2-Trichloroethane	10.80	97	13339	5.094	ug/l	95
56) Ethyl methacrylate	10.66	69	13495	4.492	ug/l	93
57) 1,3-Dichloropropane	10.94	76	21067	4.892	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.94	63	31119	22.769	ug/l	97
59) 2-Hexanone	10.98	43	32161	23.922	ug/l	96
60) Dibromochloromethane	11.14	129	18199	5.076	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12144	4.890	ug/l	98
64) Tetrachloroethene	10.87	164	18540	5.072	ug/l #	87
65) Chlorobenzene	11.67	112	49841	5.149	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	19668	5.168	ug/l	98
67) Ethyl Benzene	11.74	91	83371	5.019	ug/l	98
68) m/p-Xylenes	11.85	106	63218	9.785	ug/l	100
69) o-Xylene	12.18	106	28480	4.899	ug/l	99
70) Styrene	12.20	104	48556	4.742	ug/l	98
71) Bromoform	12.36	173	11252	5.026	ug/l #	97
73) Isopropylbenzene	12.48	105	78297	4.866	ug/l	99
74) N-amyl acetate	12.29	43	15668	4.526	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	14780	5.297	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	17639	8.911	ug/l #	100
77) Bromobenzene	12.77	156	21115	5.054	ug/l	99
78) n-propylbenzene	12.82	91	92541	4.923	ug/l	98
79) 2-Chlorotoluene	12.91	91	54056	5.015	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	65154	4.834	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	4694	5.192	ug/l	96
82) 4-Chlorotoluene	13.01	91	57122	5.003	ug/l	99
83) tert-Butylbenzene	13.23	119	56699	4.805	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	67441	4.975	ug/l	100
85) sec-Butylbenzene	13.41	105	76586	4.787	ug/l	96
86) p-Isopropyltoluene	13.52	119	72570	4.823	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	41296	5.195	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	40332	5.107	ug/l	94
89) n-Butylbenzene	13.85	91	65213	4.886	ug/l	99
90) Hexachloroethane	14.12	117	15276	5.081	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	36605	5.221	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2486	5.234	ug/l	92

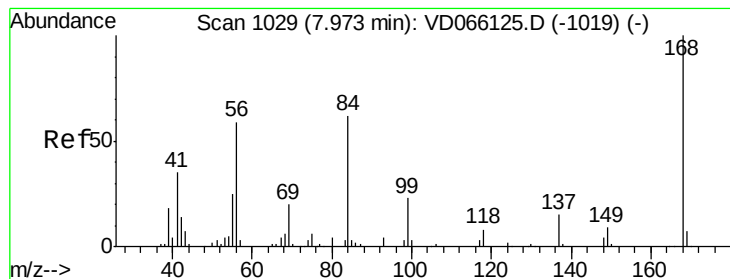
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD080520\
Data File : VD066122.D
Acq On : 05 Aug 2020 10:35
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Aug 05 13:34:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:31:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	24847	4.938	ug/l	99
94) Hexachlorobutadiene	15.27	225	14964	5.009	ug/l	98
95) Naphthalene	15.41	128	37416	4.714	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	22667	5.087	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

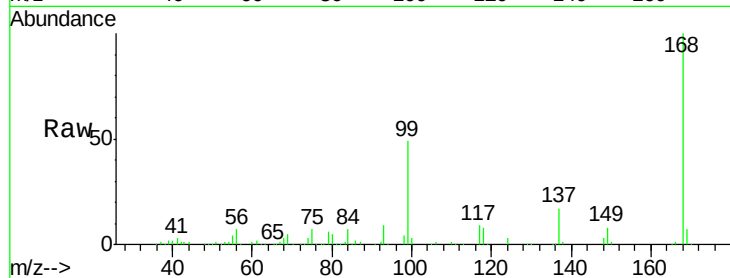
VSTDIC005

Tgt Ion:168 Resp: 342412

Ion Ratio Lower Upper

168 100

99 49.1 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

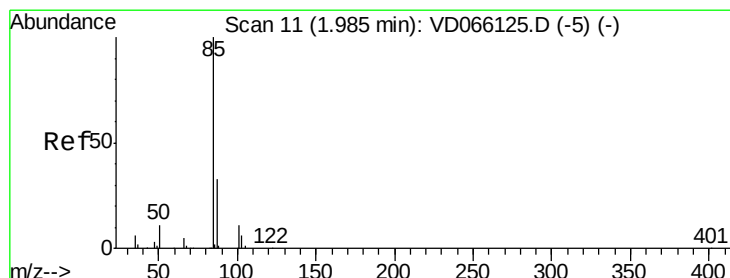
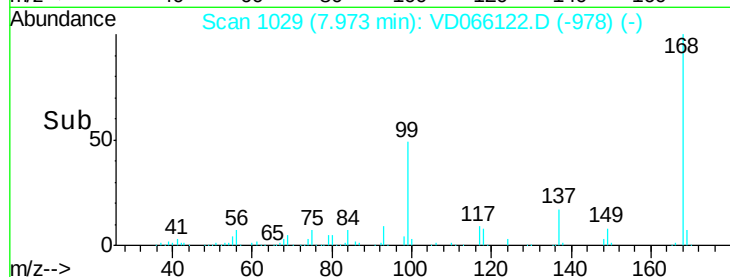
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.594 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066122.D

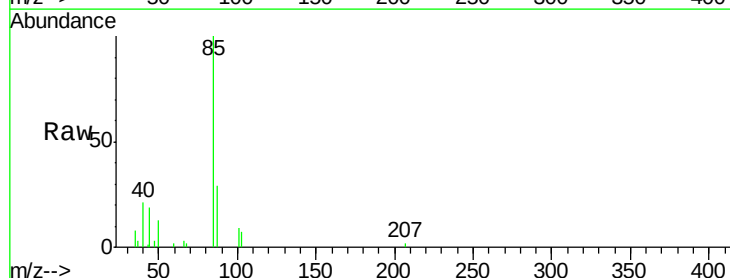
Acq: 05 Aug 2020 10:35

Tgt Ion: 85 Resp: 14620

Ion Ratio Lower Upper

85 100

87 29.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

12000

10000

8000

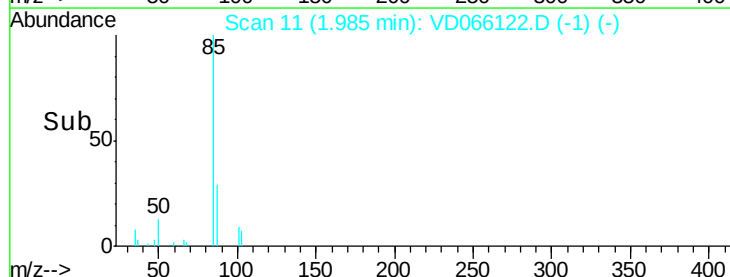
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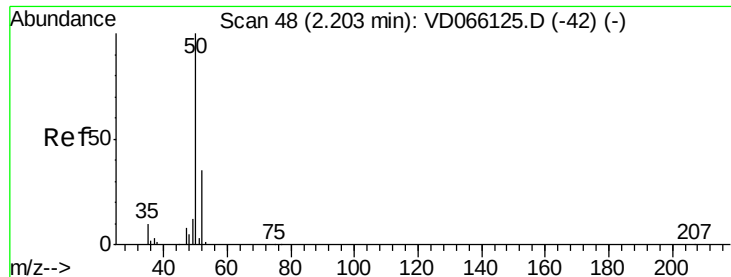
4000

2000

0

Time-->





#3

Chloromethane

Concen: 5.277 ug/l

RT: 2.20 min Scan# 47

Delta R.T. -0.01 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

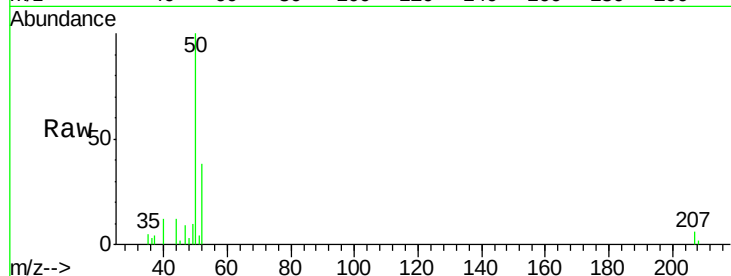
VSTDIC005

Tgt Ion: 50 Resp: 13215

Ion Ratio Lower Upper

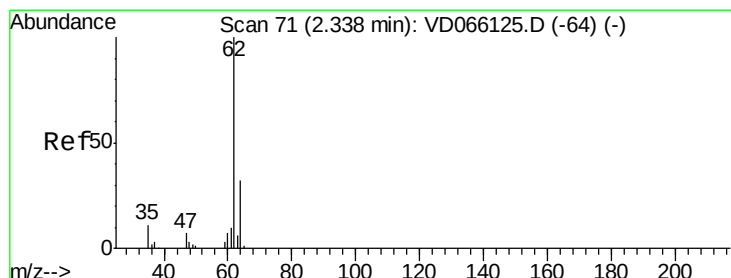
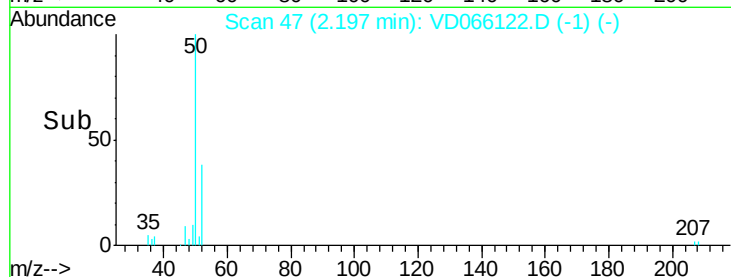
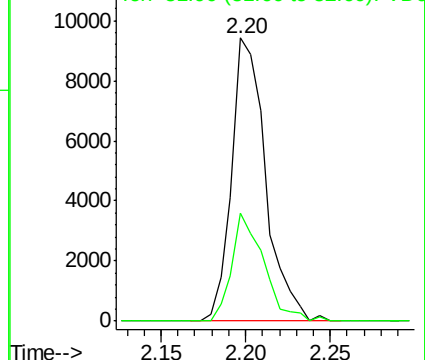
50 100

52 38.1 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 4.921 ug/l

RT: 2.34 min Scan# 71

Delta R.T. 0.00 min

Lab File: VD066122.D

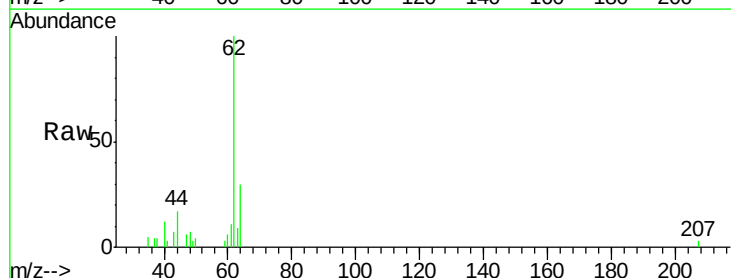
Acq: 05 Aug 2020 10:35

Tgt Ion: 62 Resp: 10547

Ion Ratio Lower Upper

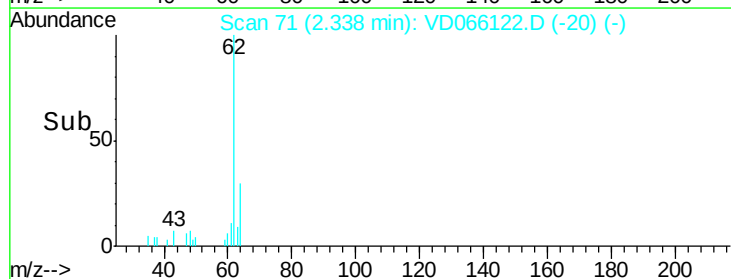
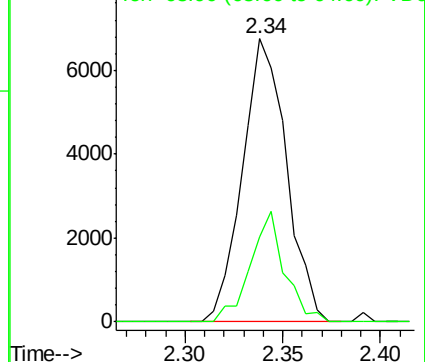
62 100

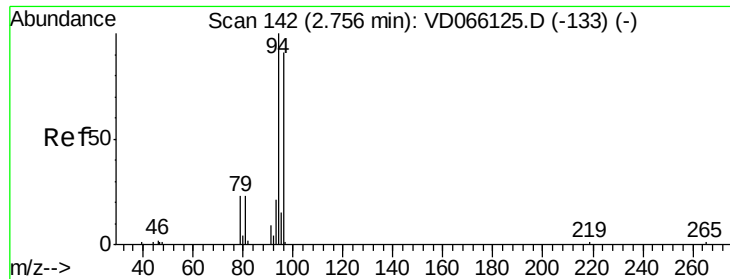
64 30.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 5.505 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

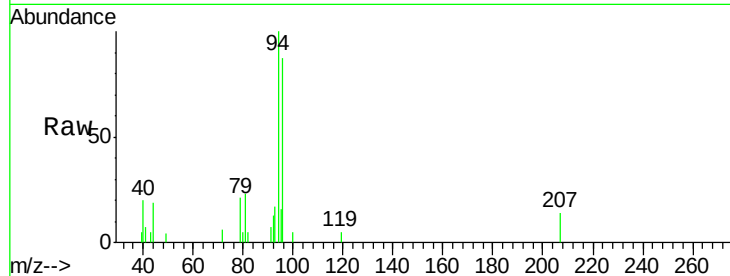
VSTDIC005

Tgt Ion: 94 Resp: 8069

Ion Ratio Lower Upper

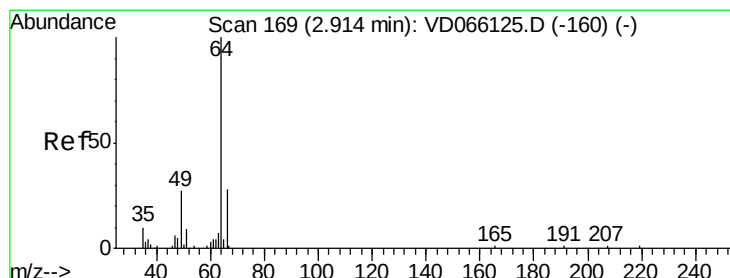
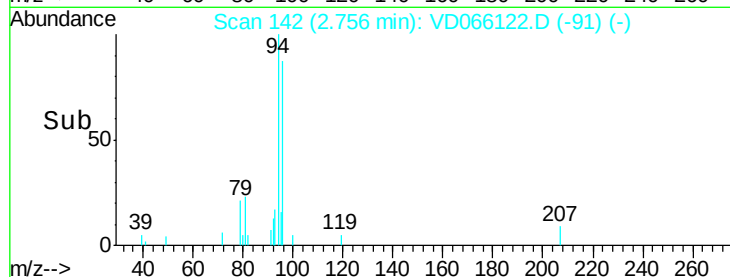
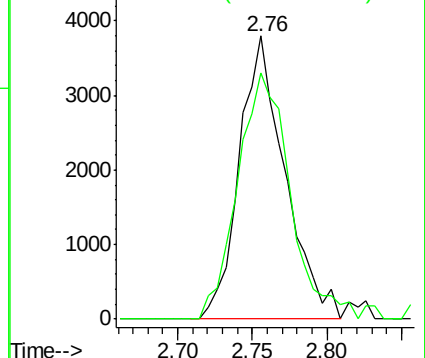
94 100

96 86.8 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 5.225 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD066122.D

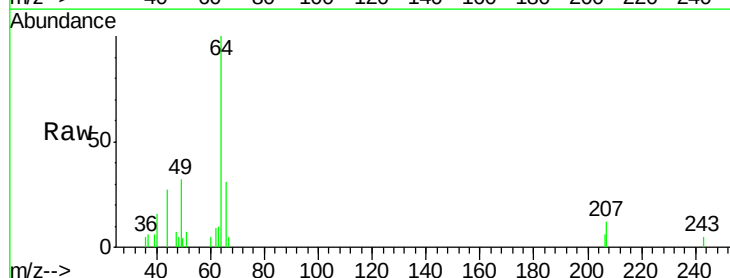
Acq: 05 Aug 2020 10:35

Tgt Ion: 64 Resp: 6976

Ion Ratio Lower Upper

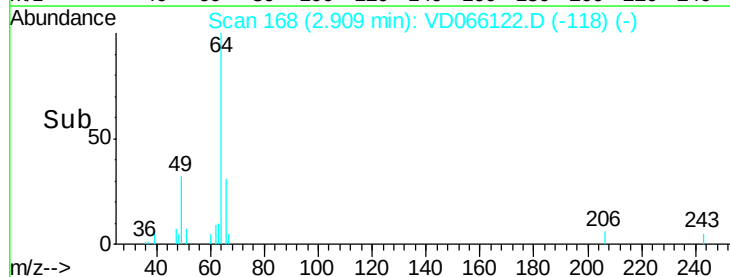
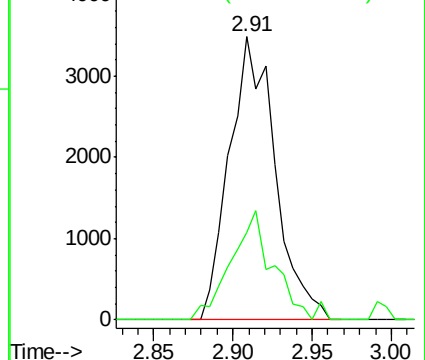
64 100

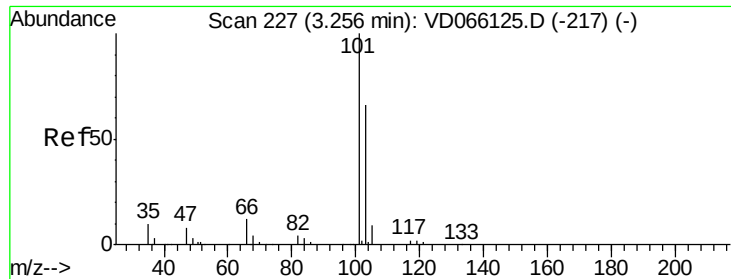
66 31.0 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



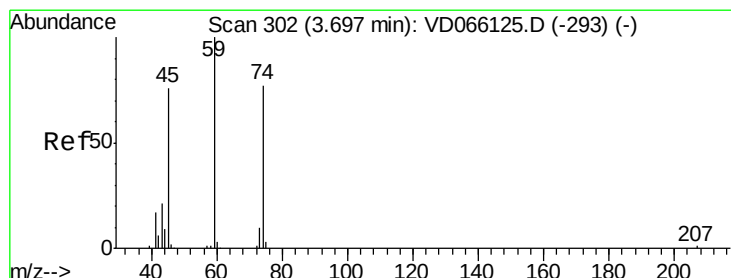
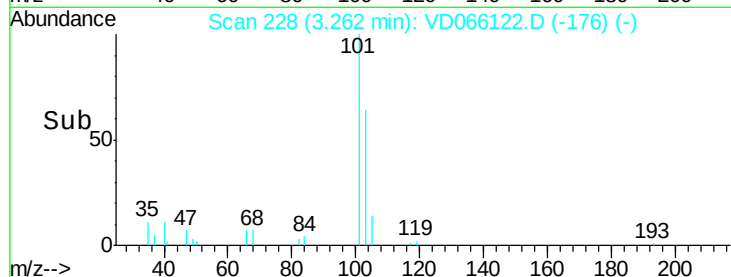
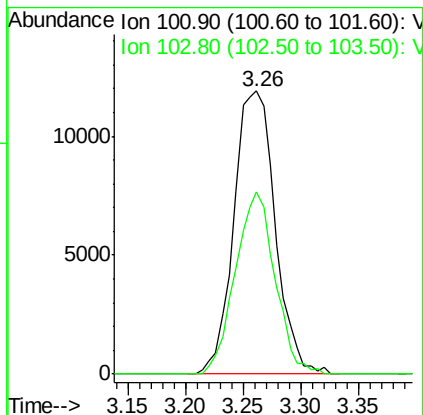
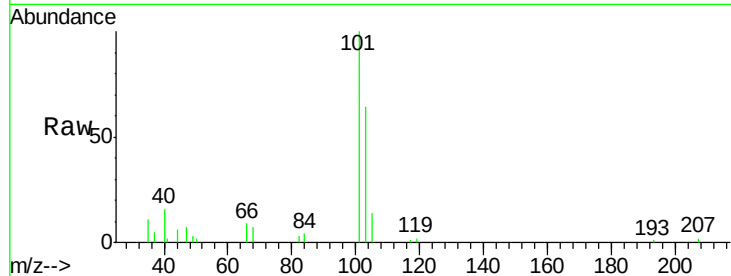


#7

Trichlorofluoromethane
 Concen: 5.301 ug/l
 RT: 3.26 min Scan# 228
 Delta R.T. 0.01 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

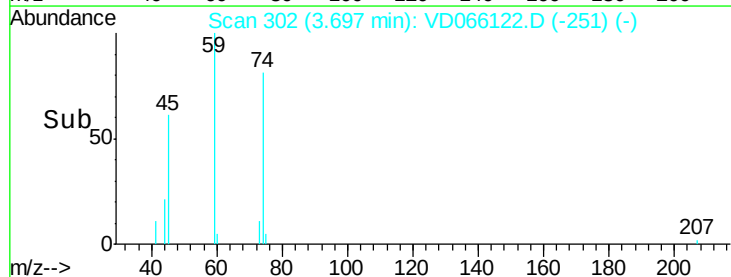
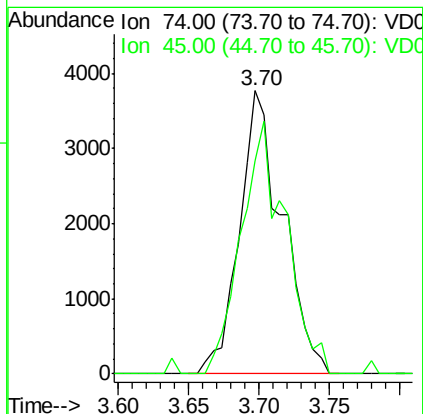
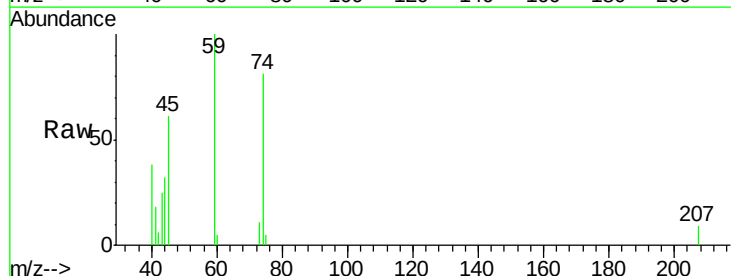
Tgt Ion:101 Resp: 29597
 Ion Ratio Lower Upper
 101 100
 103 64.3 53.0 79.6

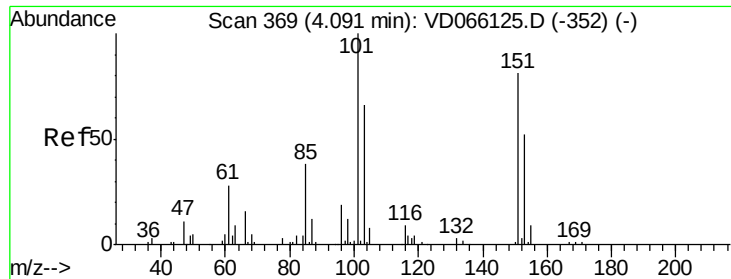


#8

Diethyl Ether
 Concen: 5.230 ug/l
 RT: 3.70 min Scan# 302
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 74 Resp: 7969
 Ion Ratio Lower Upper
 74 100
 45 93.2 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.099 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

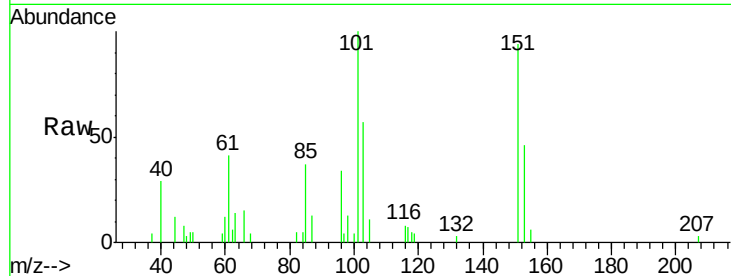
Tgt Ion:101 Resp: 16835

Ion Ratio Lower Upper

101 100

85 41.3 33.5 50.3

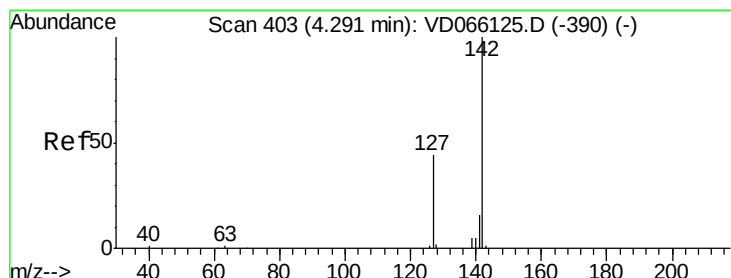
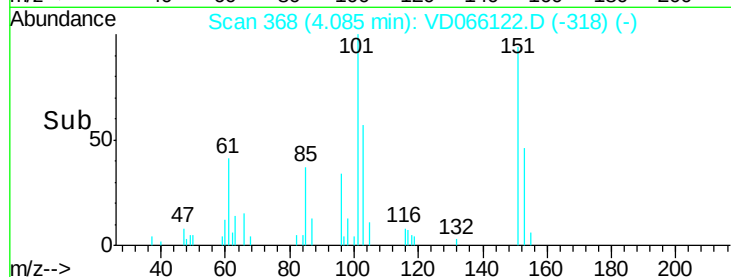
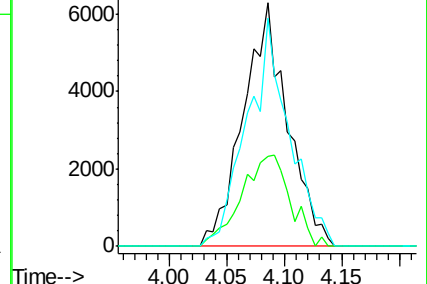
151 88.9 67.8 101.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.262 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

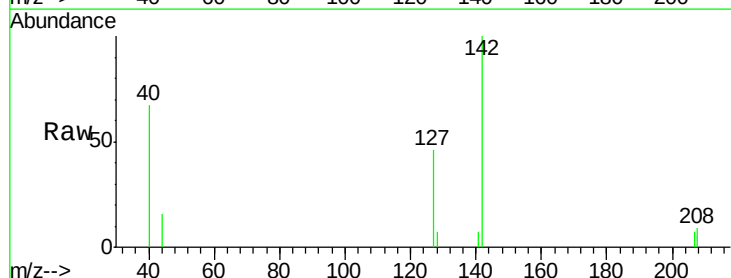
Tgt Ion:142 Resp: 8641

Ion Ratio Lower Upper

142 100

127 46.6 36.2 54.4

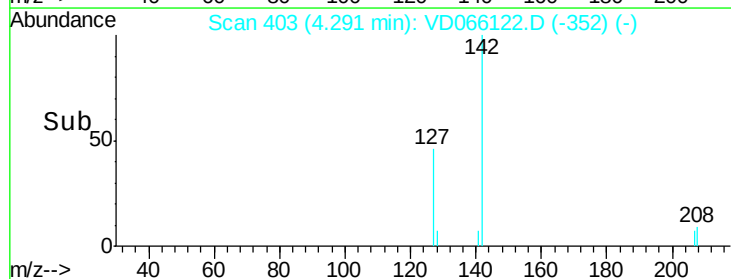
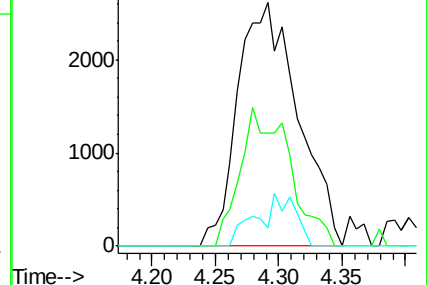
141 13.5 12.6 18.8

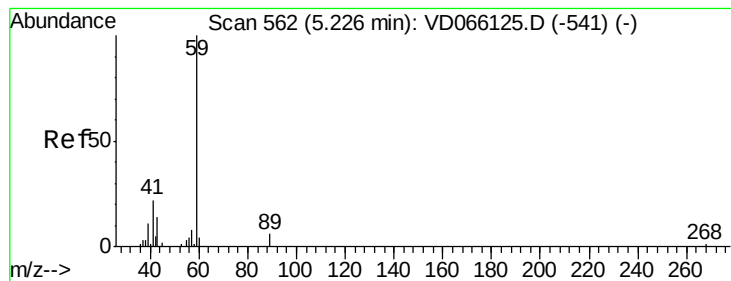


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



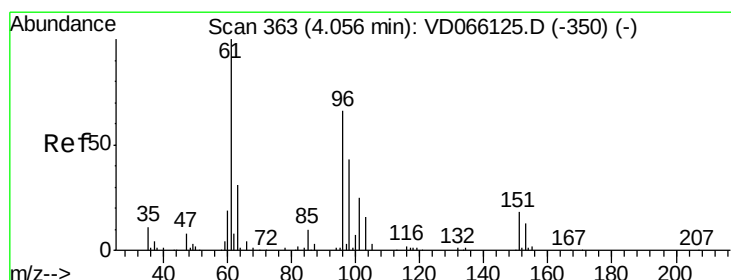
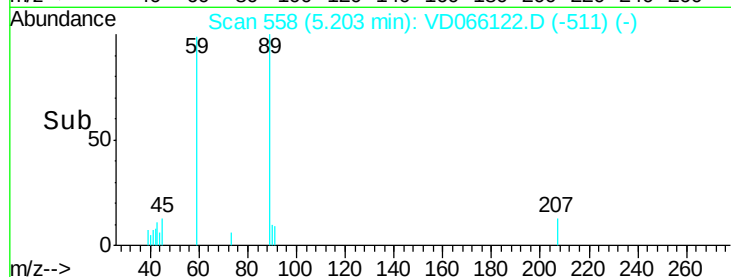
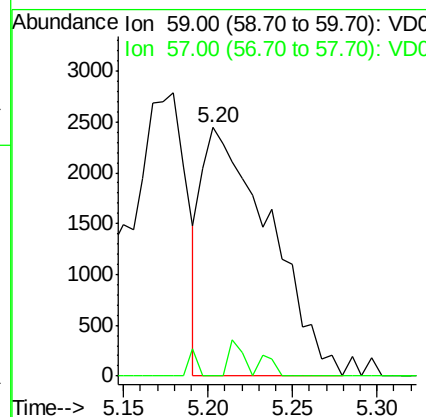
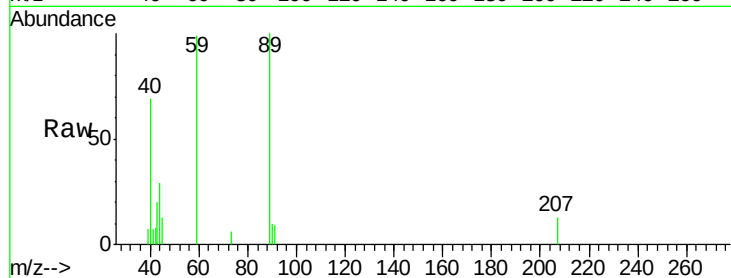


#11

Tert butyl alcohol
 Concen: 18.714 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

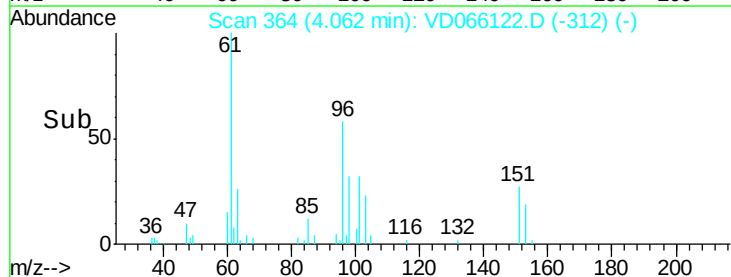
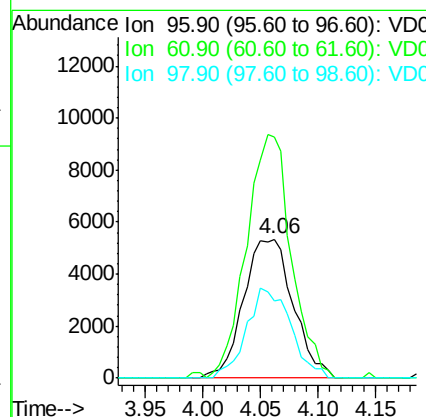
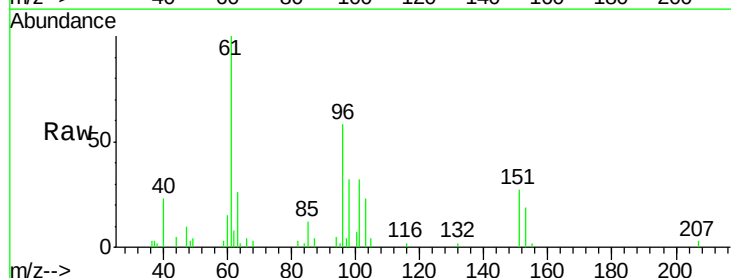
Tgt Ion: 59 Resp: 6816
 Ion Ratio Lower Upper
 59 100
 57 3.1 7.0 10.4#

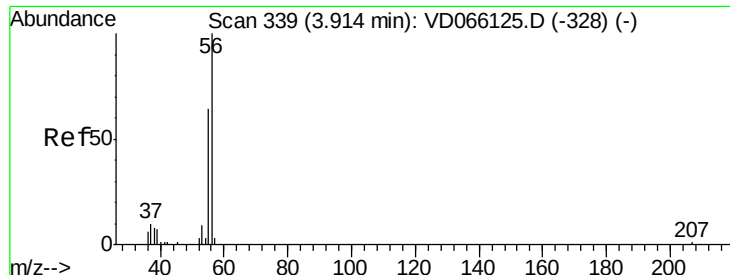


#12

1,1-Dichloroethene
 Concen: 5.158 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 96 Resp: 15983
 Ion Ratio Lower Upper
 96 100
 61 173.5 121.6 182.4
 98 55.6 52.0 78.0





#13

Acrolein

Concen: 27.071 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

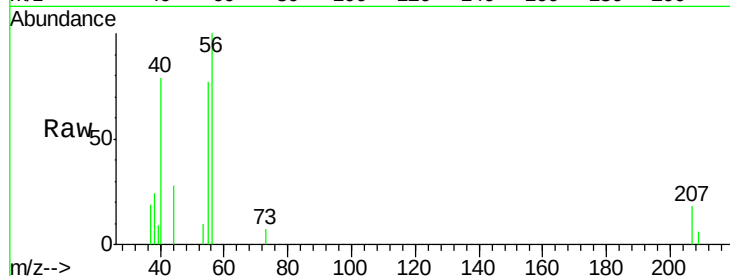
VSTDIC005

Tgt Ion: 56 Resp: 6698

Ion Ratio Lower Upper

56 100

55 79.8 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.91

2500

2000

1500

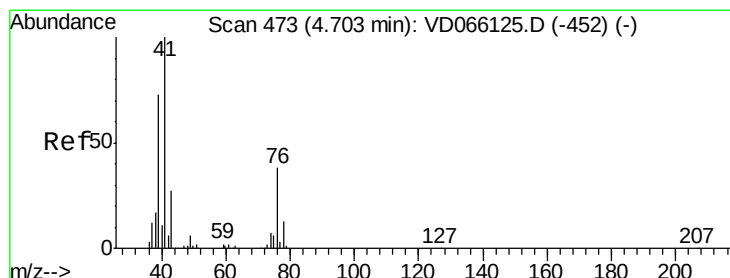
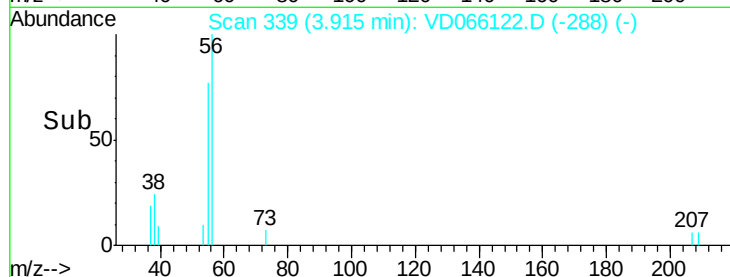
1000

500

0

3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 5.174 ug/l

RT: 4.70 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

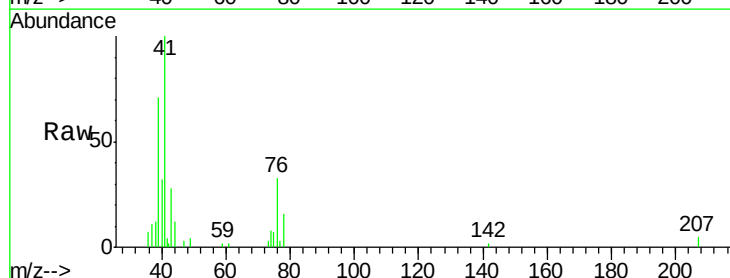
Tgt Ion: 41 Resp: 24063

Ion Ratio Lower Upper

41 100

39 73.0 57.4 86.0

76 38.2 30.1 45.1



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.70

10000

8000

6000

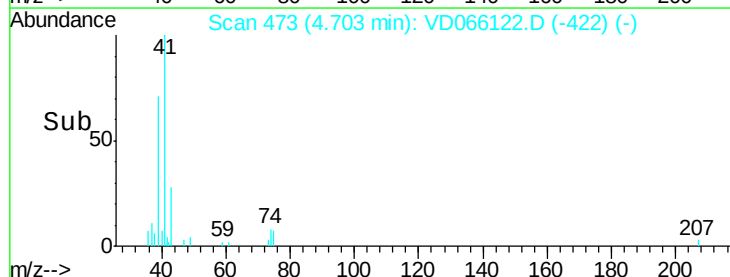
4000

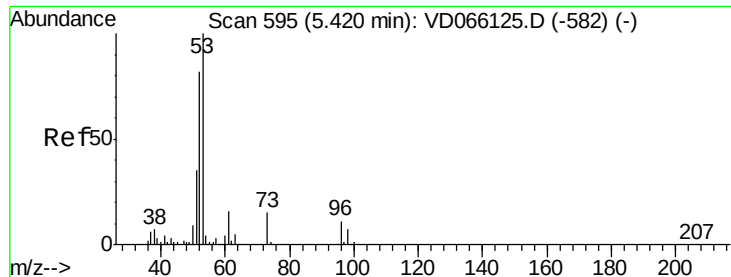
2000

0

4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 23.681 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

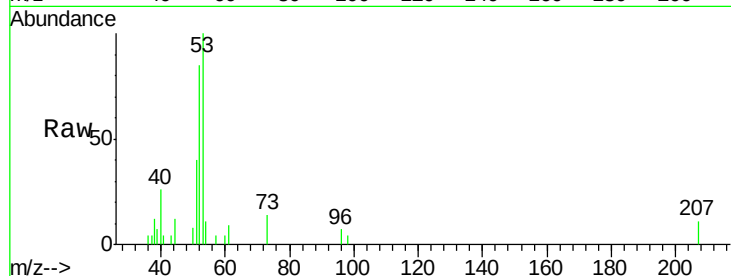
Tgt Ion: 53 Resp: 15172

Ion Ratio Lower Upper

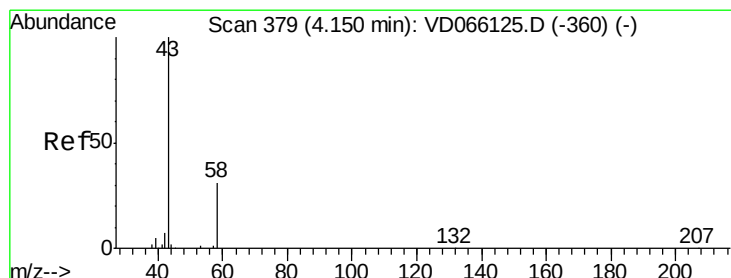
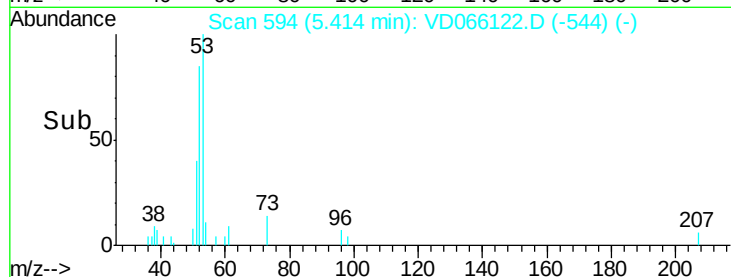
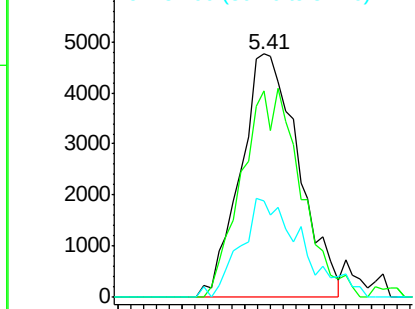
53 100

52 87.2 66.1 99.1

51 43.0 30.8 46.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 26.477 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066122.D

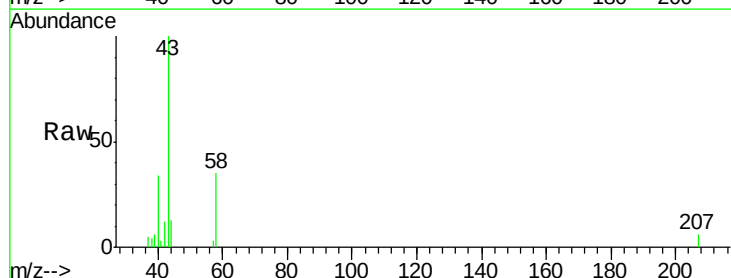
Acq: 05 Aug 2020 10:35

Tgt Ion: 43 Resp: 15585

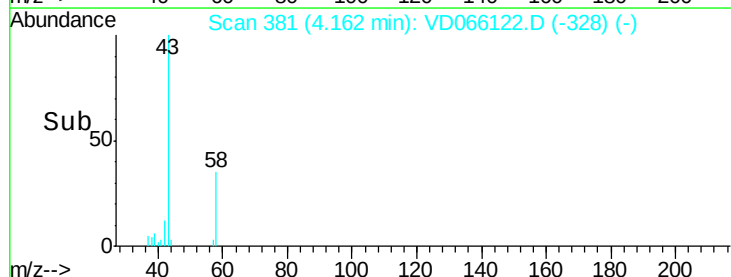
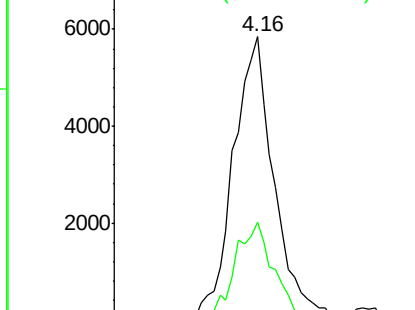
Ion Ratio Lower Upper

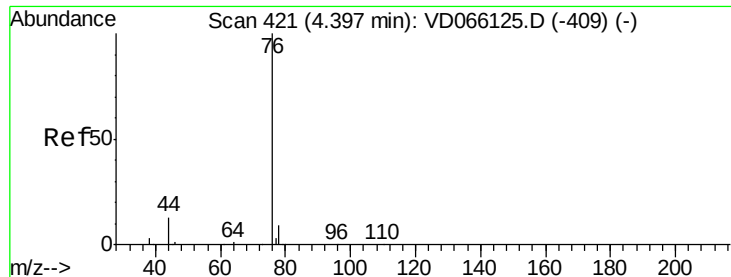
43 100

58 34.6 24.7 37.1



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





#17

Carbon Disulfide

Concen: 5.091 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

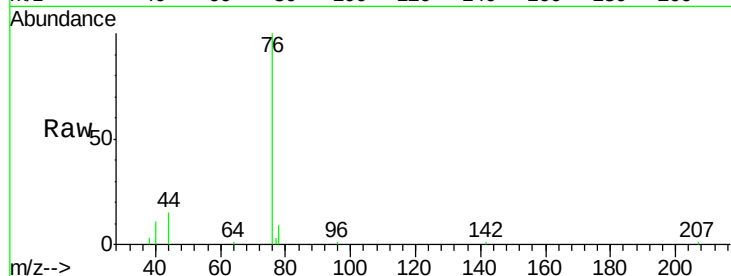
VSTDIC005

Tgt Ion: 76 Resp: 50220

Ion Ratio Lower Upper

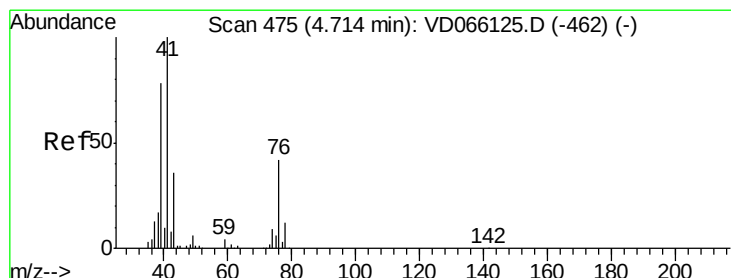
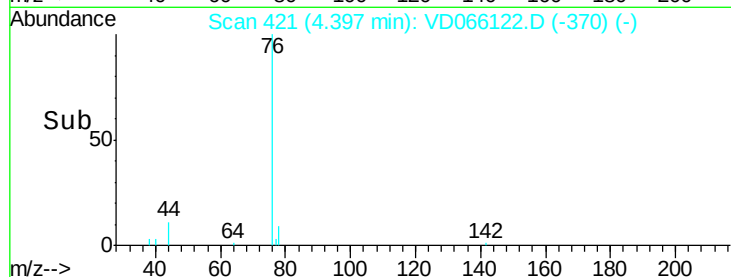
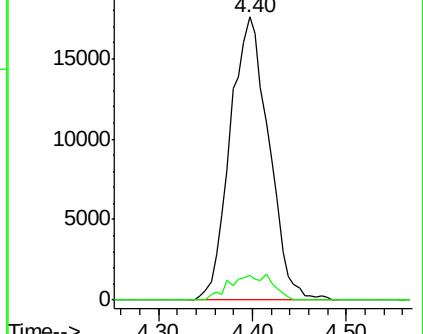
76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 5.759 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066122.D

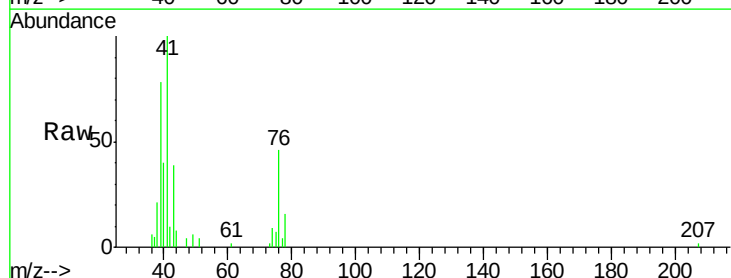
Acq: 05 Aug 2020 10:35

Tgt Ion: 43 Resp: 8695

Ion Ratio Lower Upper

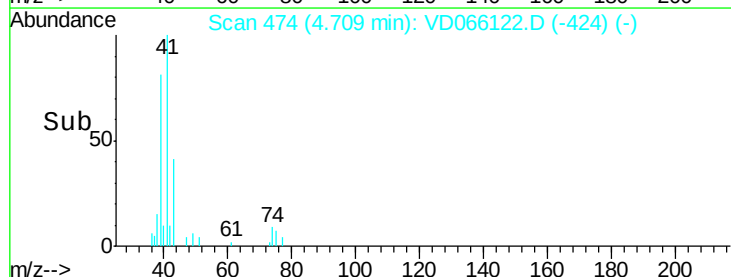
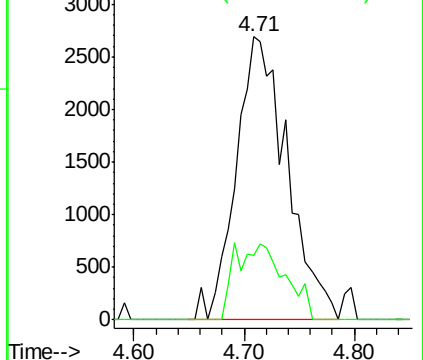
43 100

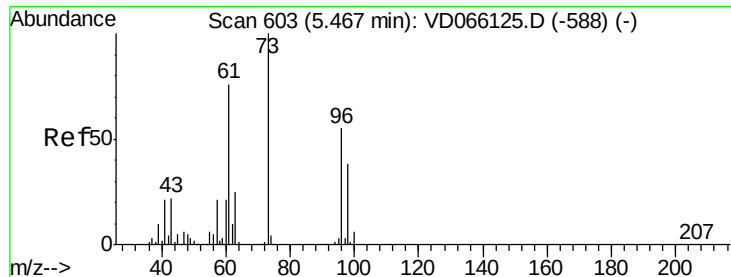
74 26.3 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

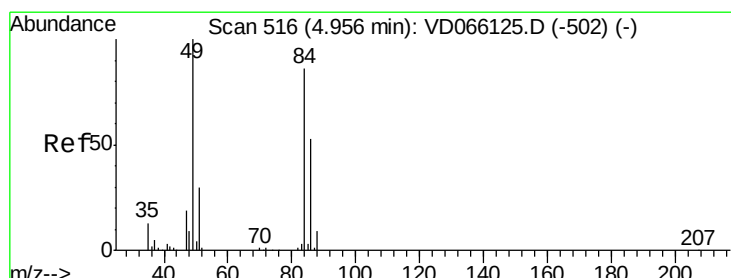
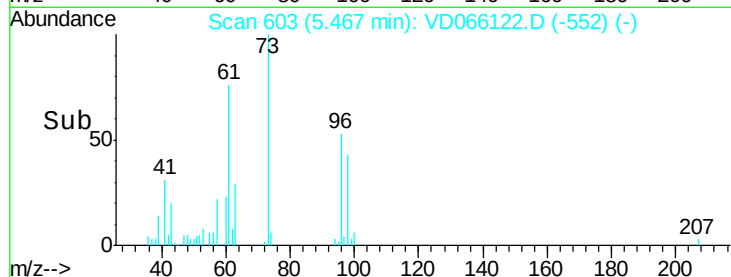
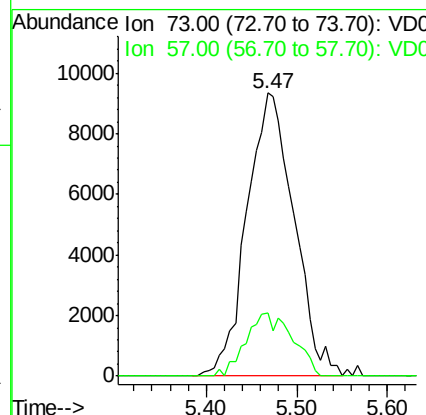
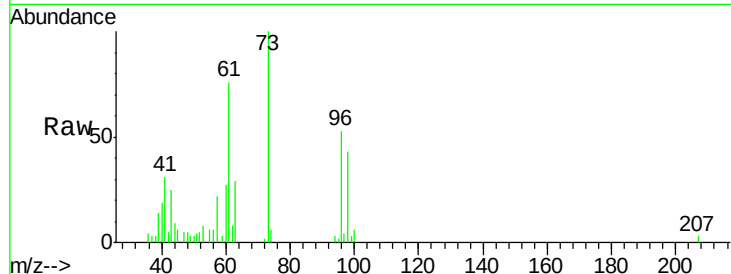




#19
Methyl tert-butyl Ether
Concen: 4.856 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

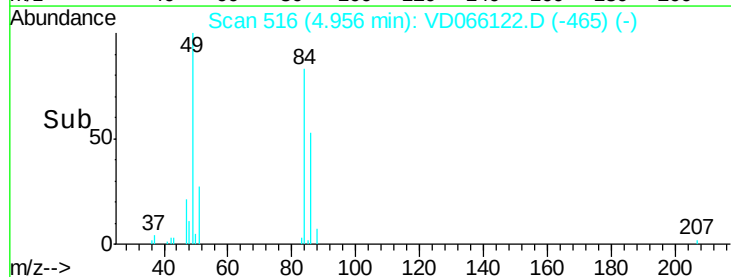
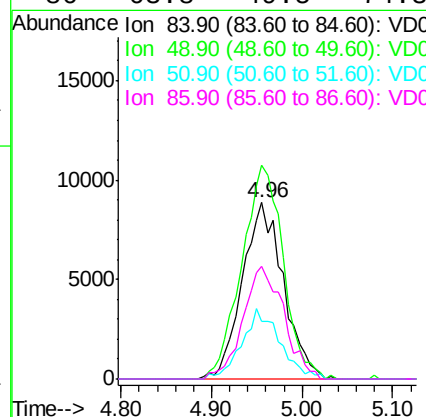
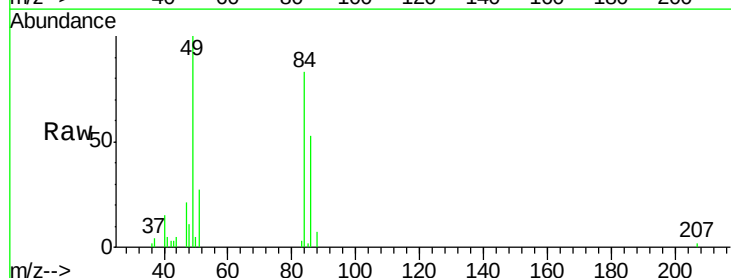
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

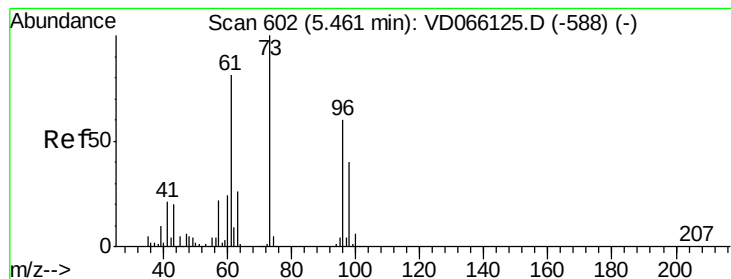
Tgt Ion: 73 Resp: 33714
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 6.442 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 84 Resp: 27966
Ion Ratio Lower Upper
84 100
49 121.2 93.5 140.3
51 32.8 28.2 42.4
86 63.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 5.149 ug/l

RT: 5.46 min Scan# 602

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

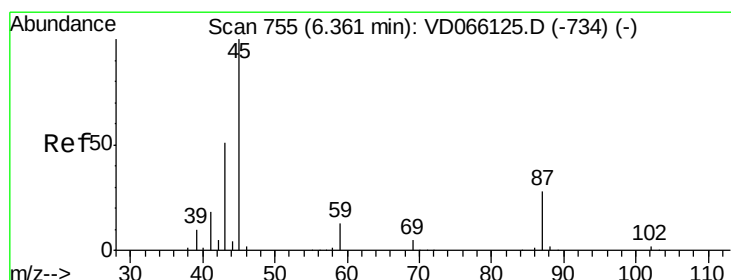
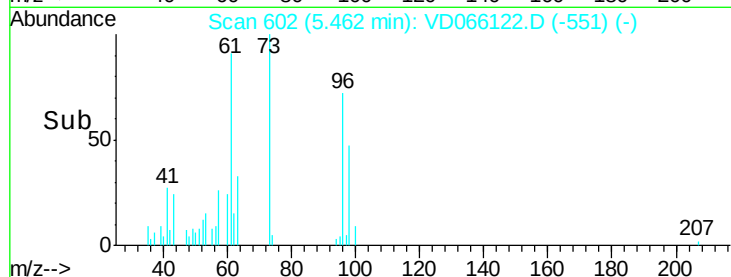
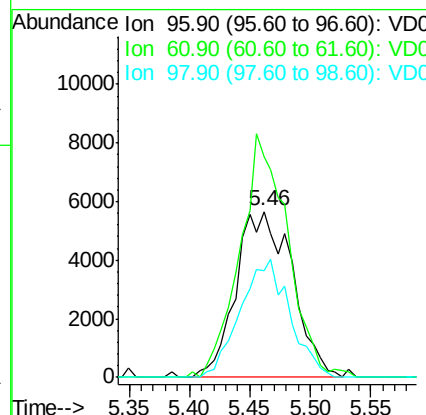
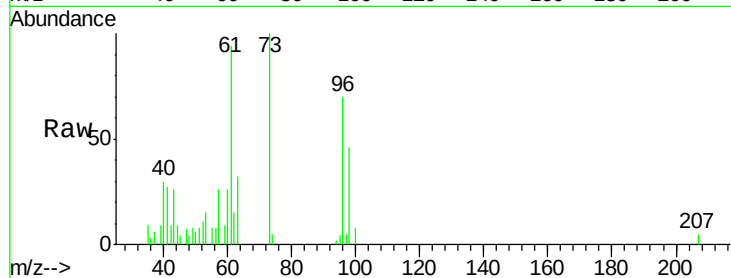
Tgt Ion: 96 Resp: 18365

Ion Ratio Lower Upper

96 100

61 129.7 106.9 160.3

98 64.6 53.4 80.0



#22

Diisopropyl ether

Concen: 4.870 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Tgt Ion: 45 Resp: 44760

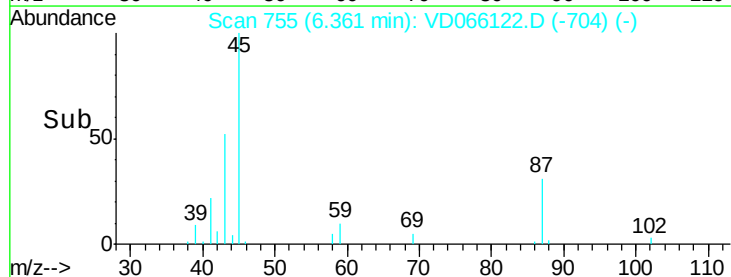
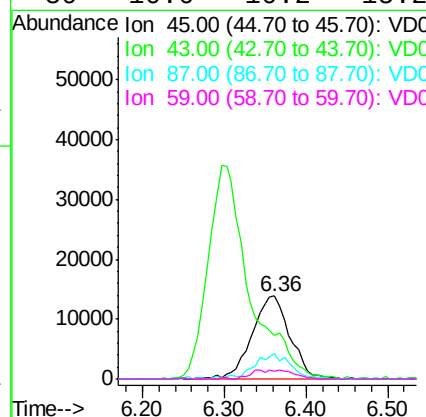
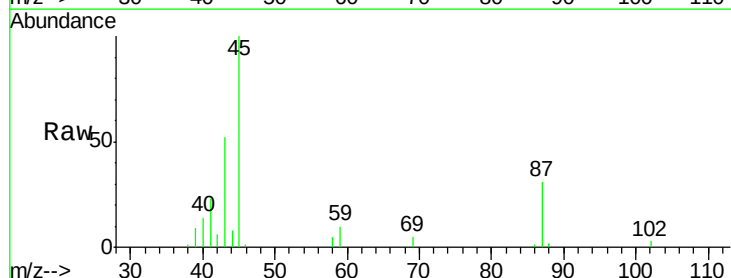
Ion Ratio Lower Upper

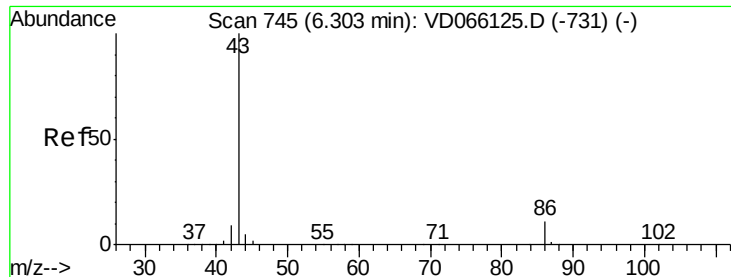
45 100

43 52.0 41.2 61.8

87 30.6 22.8 34.2

59 10.0 10.2 15.2#





#23

Vinyl Acetate

Concen: 23.678 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

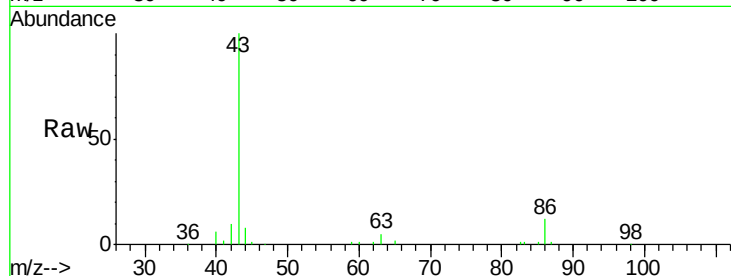
VSTDIC005

Tgt Ion: 43 Resp: 125953

Ion Ratio Lower Upper

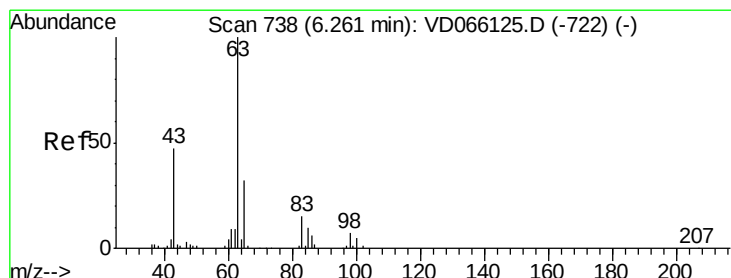
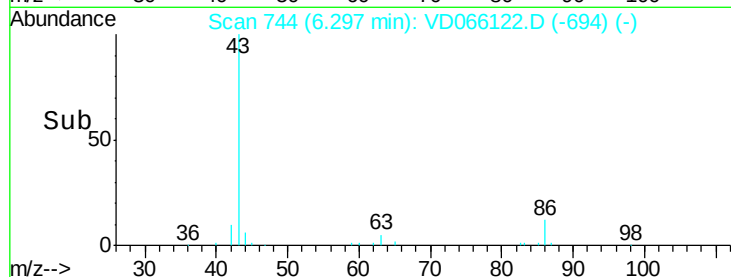
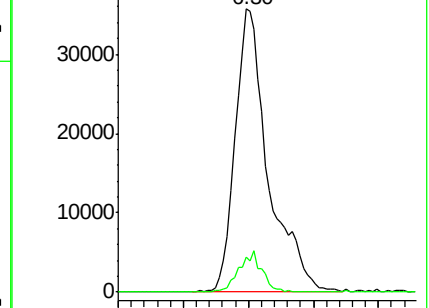
43 100

86 12.2 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 5.225 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

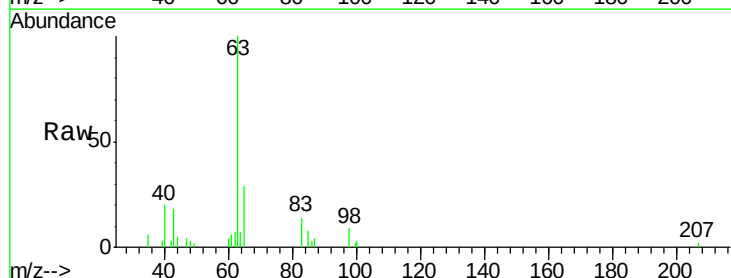
Tgt Ion: 63 Resp: 29959

Ion Ratio Lower Upper

63 100

98 9.4 3.5 10.5

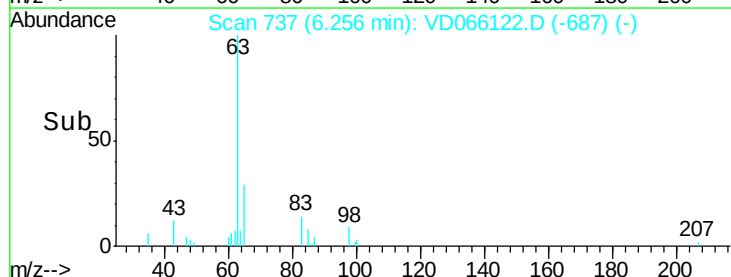
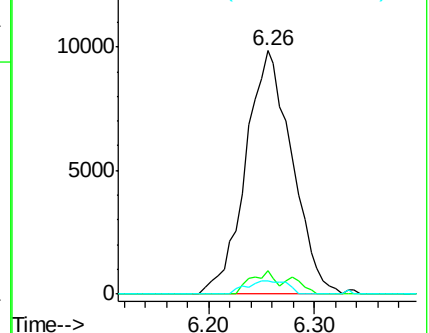
100 5.2 2.4 7.2

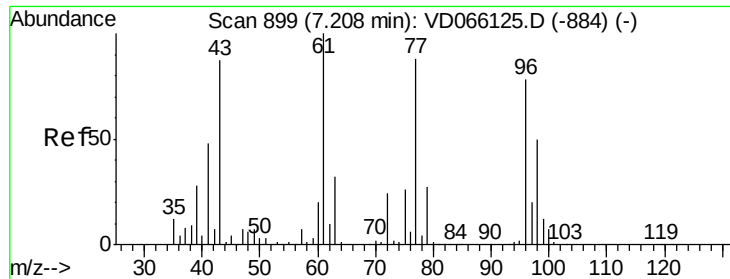


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 26.425 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

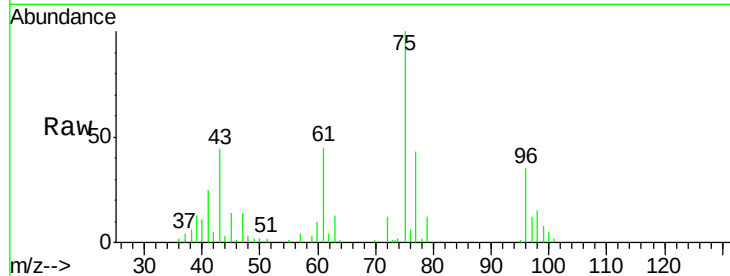
VSTDIC005

Tgt Ion: 43 Resp: 23012

Ion Ratio Lower Upper

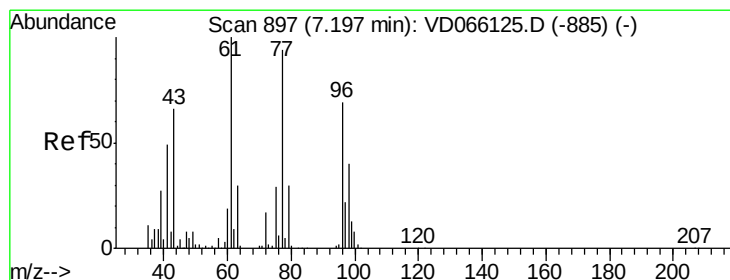
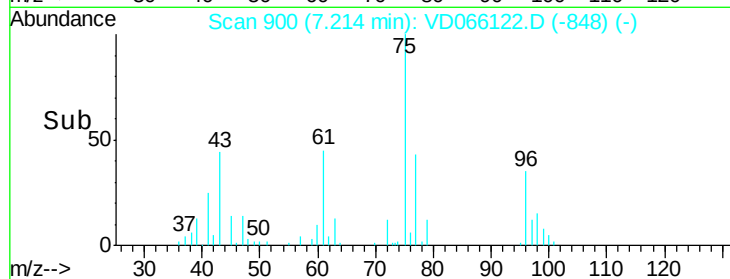
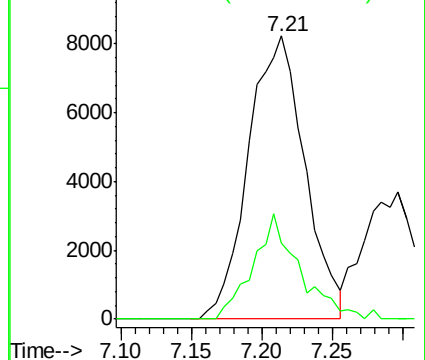
43 100

72 26.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 5.405 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066122.D

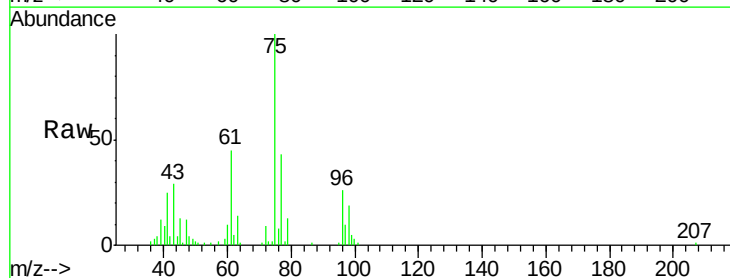
Acq: 05 Aug 2020 10:35

Tgt Ion: 77 Resp: 28370

Ion Ratio Lower Upper

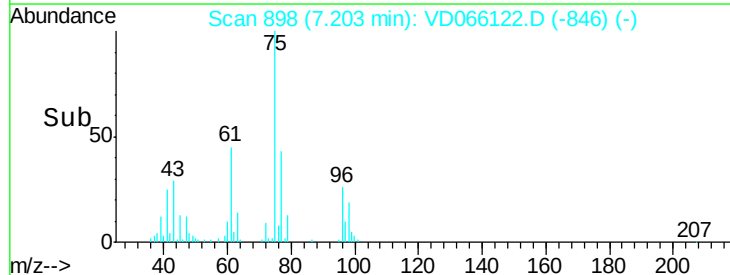
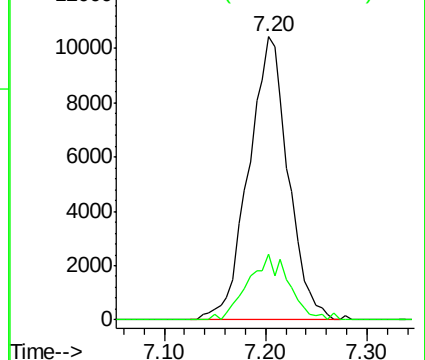
77 100

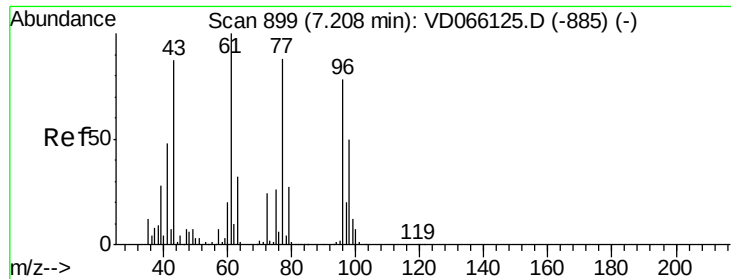
97 24.1 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



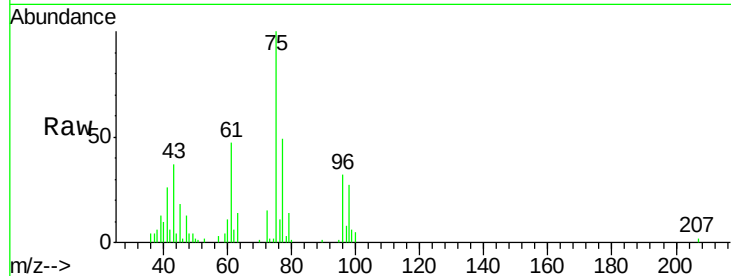


#27

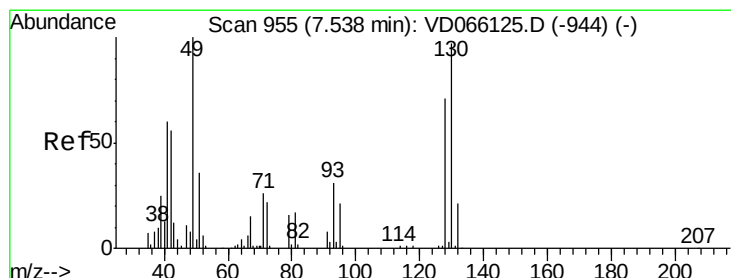
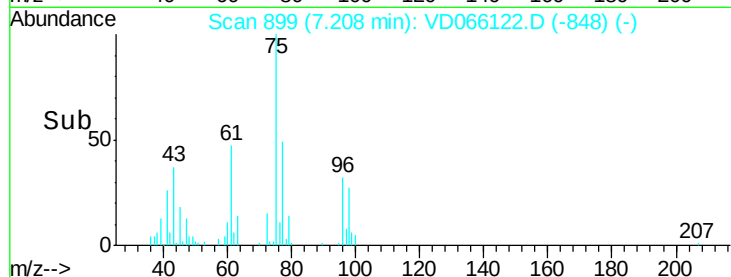
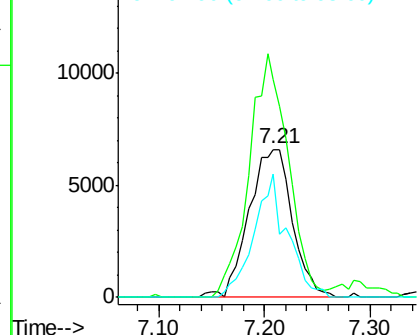
cis-1,2-Dichloroethene
Concen: 5.103 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 18837
Ion Ratio Lower Upper
96 100
61 148.1 0.0 281.6
98 64.4 0.0 130.8



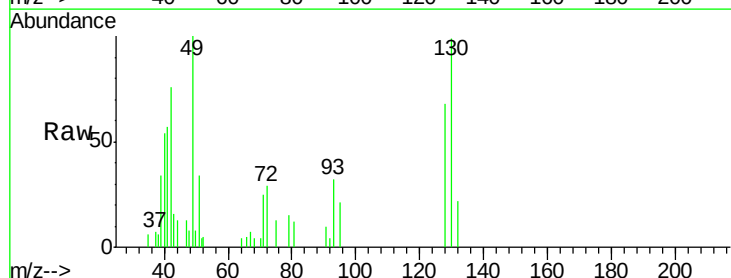
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



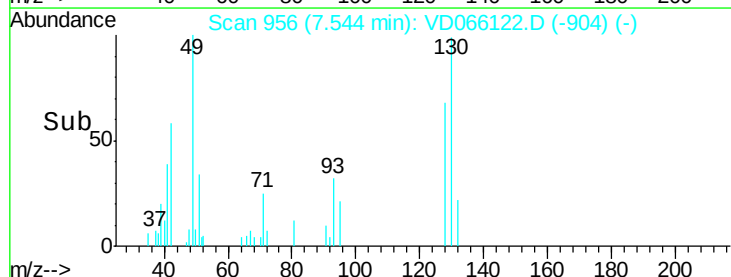
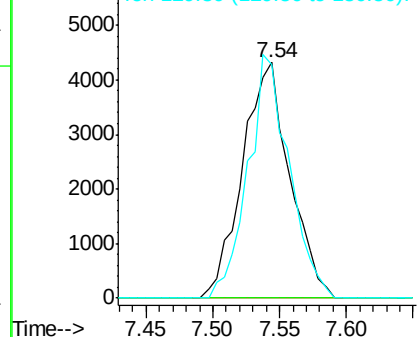
#28

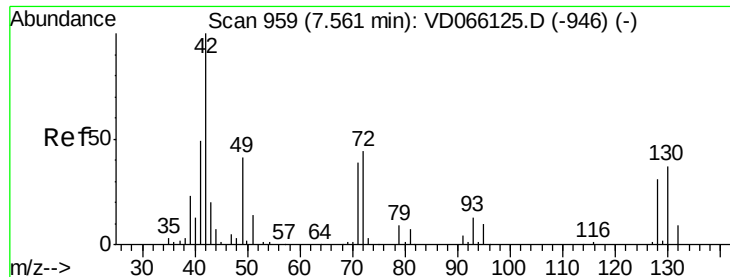
Bromochloromethane
Concen: 5.298 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.01 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 49 Resp: 10618
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 89.5 73.8 110.6



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

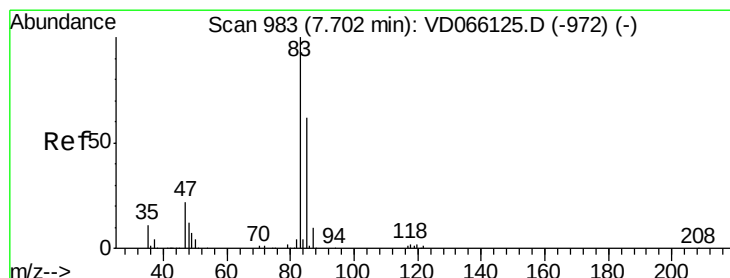
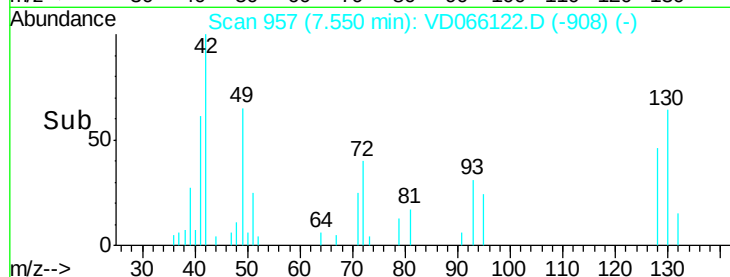
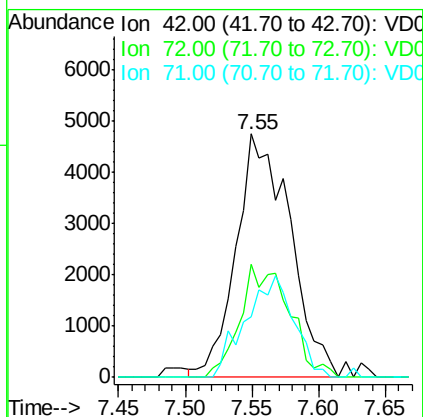
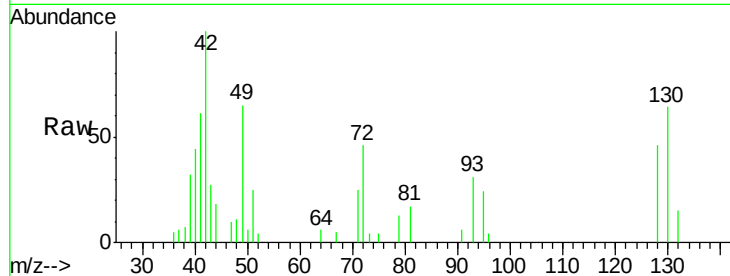




#29
Tetrahydrofuran
Concen: 25.176 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.01 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

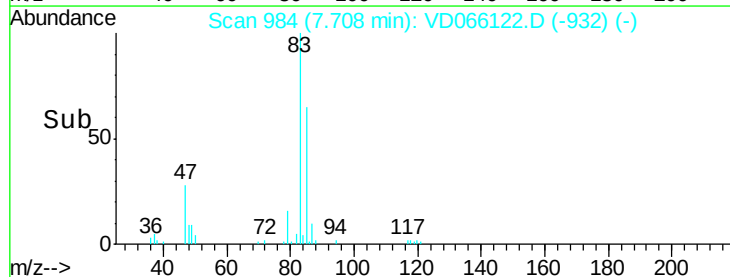
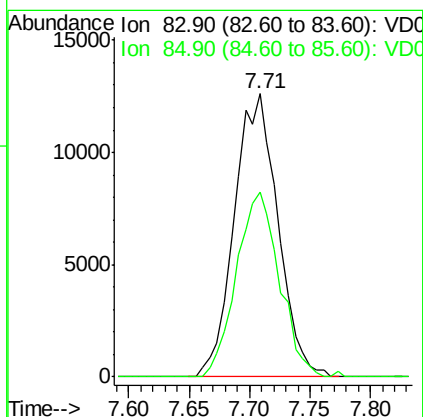
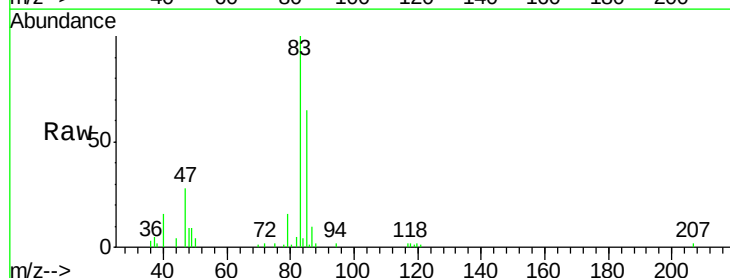
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

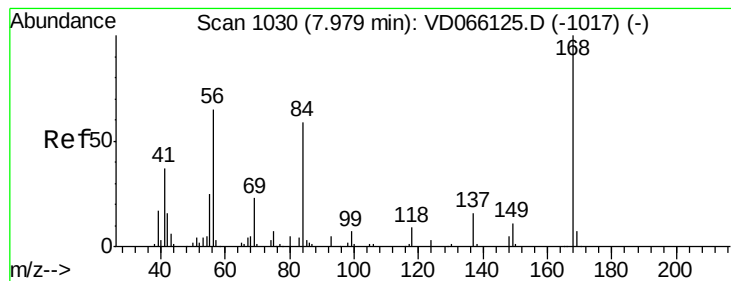
Tgt Ion: 42 Resp: 13326
Ion Ratio Lower Upper
42 100
72 42.2 34.8 52.2
71 37.4 33.5 50.3



#30
Chloroform
Concen: 5.242 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 83 Resp: 31638
Ion Ratio Lower Upper
83 100
85 65.3 49.5 74.3





#31

Cyclohexane

Concen: 5.603 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

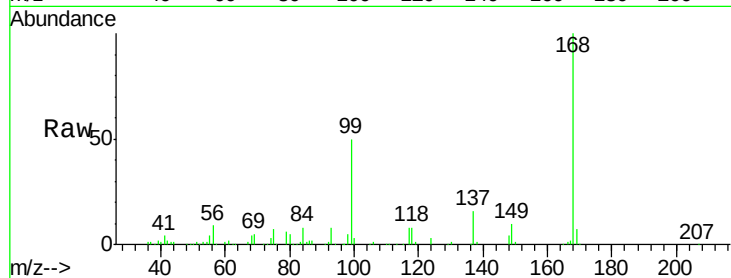
Tgt Ion: 56 Resp: 31329

Ion Ratio Lower Upper

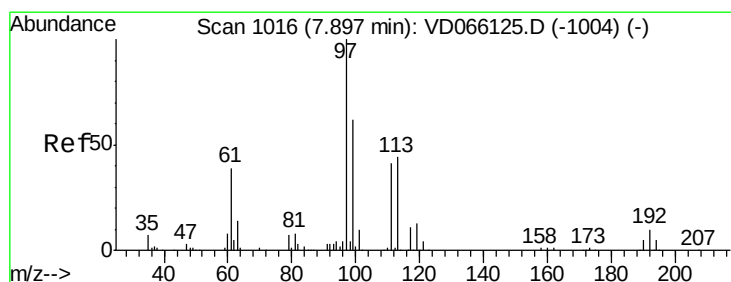
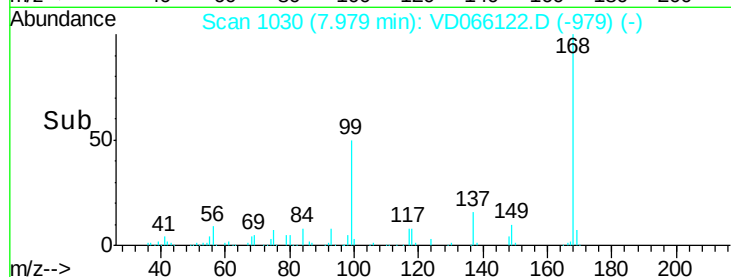
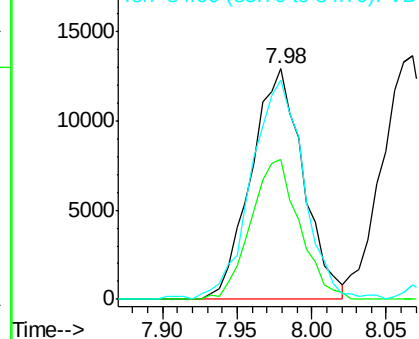
56 100

69 61.0 28.8 43.2#

84 95.1 73.0 109.6



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



#32

1,1,1-Trichloroethane

Concen: 5.110 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

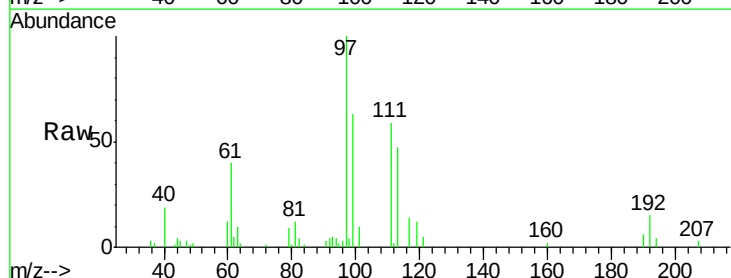
Tgt Ion: 97 Resp: 28855

Ion Ratio Lower Upper

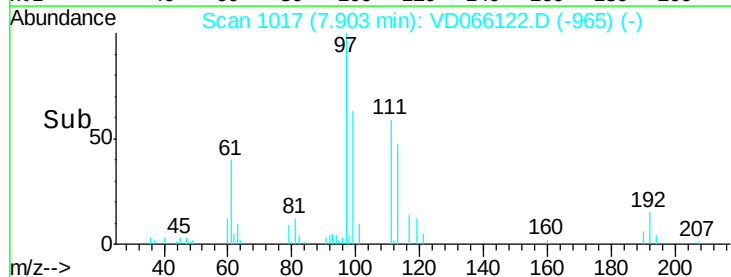
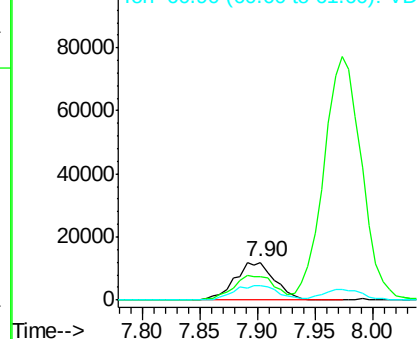
97 100

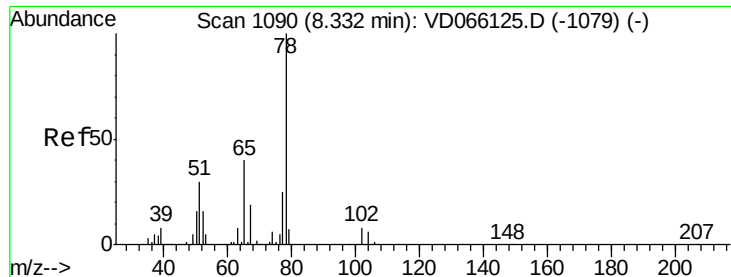
99 66.7 51.1 76.7

61 42.2 32.7 49.1



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





#33

1,2-Dichloroethane-d4

Concen: 5.553 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

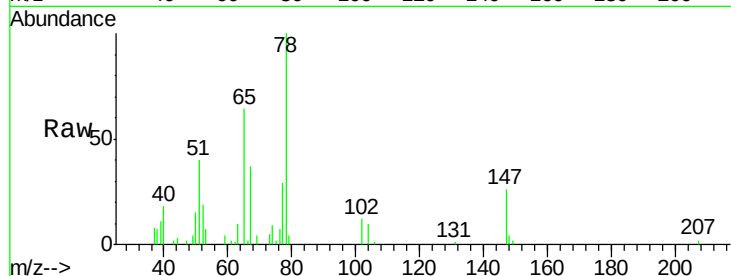
VSTDIC005

Tgt Ion: 65 Resp: 16998

Ion Ratio Lower Upper

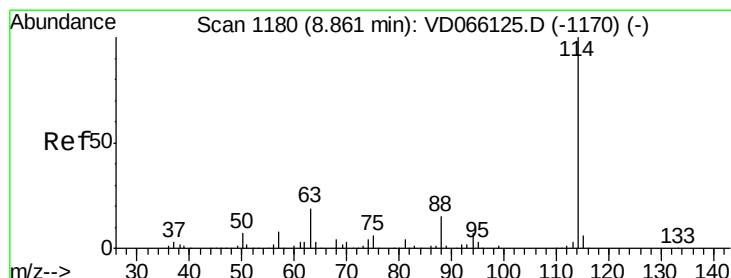
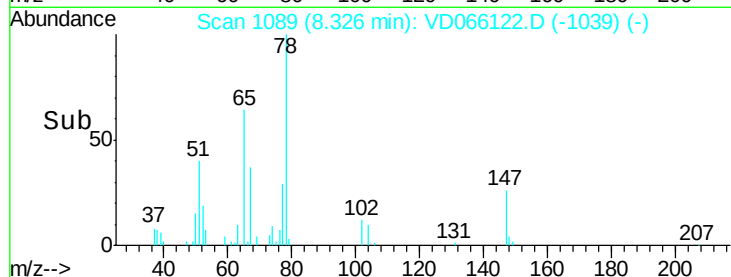
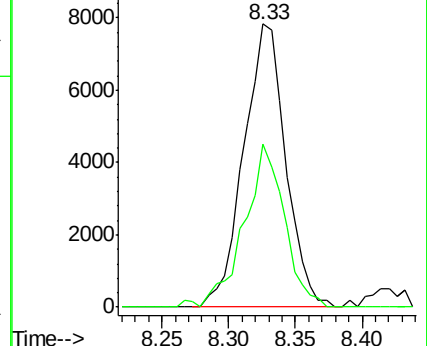
65 100

67 55.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

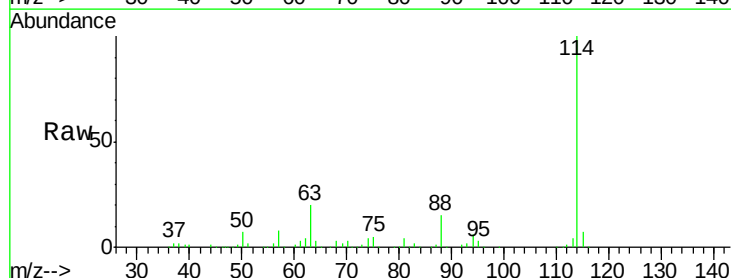
Tgt Ion: 114 Resp: 504038

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

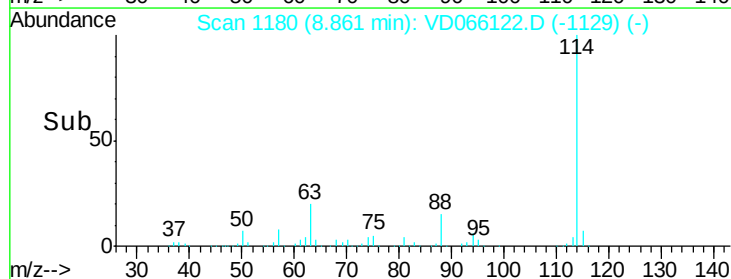
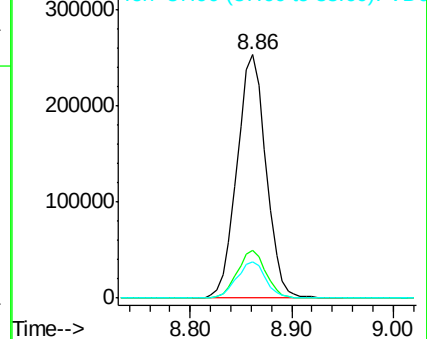
88 14.9 0.0 30.0

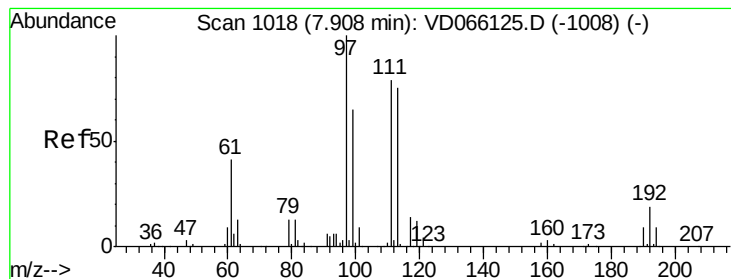


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 5.311 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

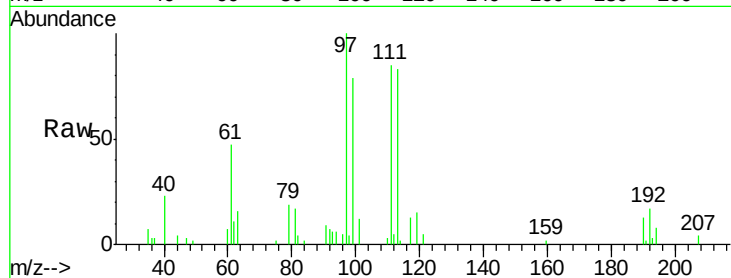
Tgt Ion: 113 Resp: 17113

Ion Ratio Lower Upper

113 100

111 106.0 80.7 121.1

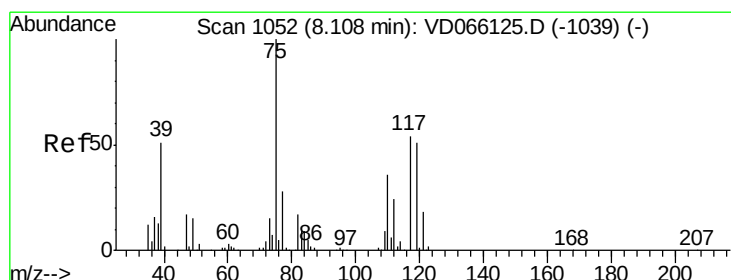
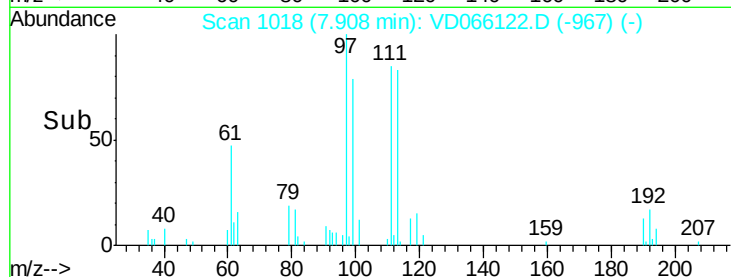
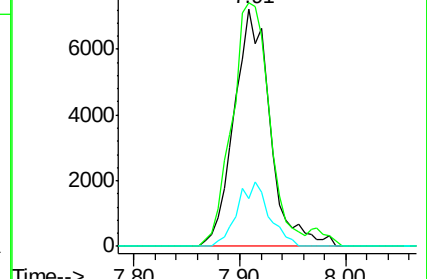
192 23.7 18.4 27.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.053 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

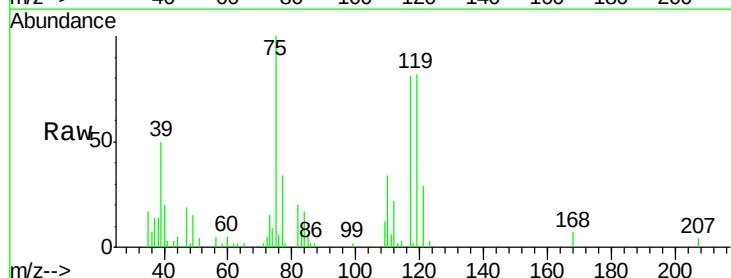
Tgt Ion: 75 Resp: 24581

Ion Ratio Lower Upper

75 100

110 38.0 18.8 56.3

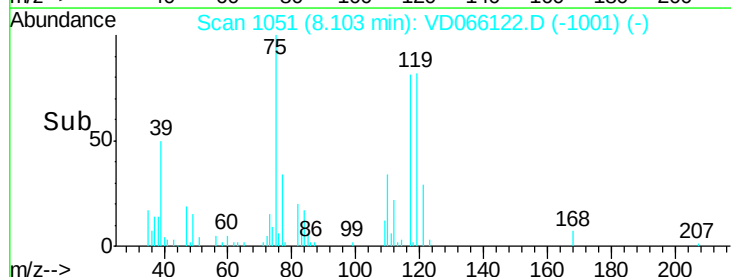
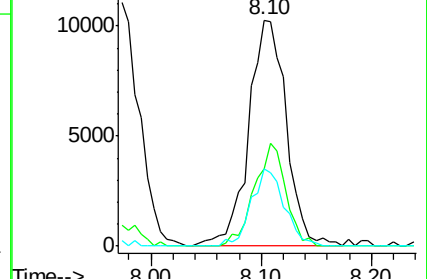
77 30.3 24.2 36.2

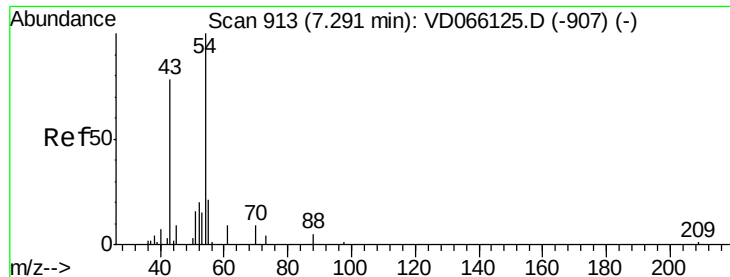


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

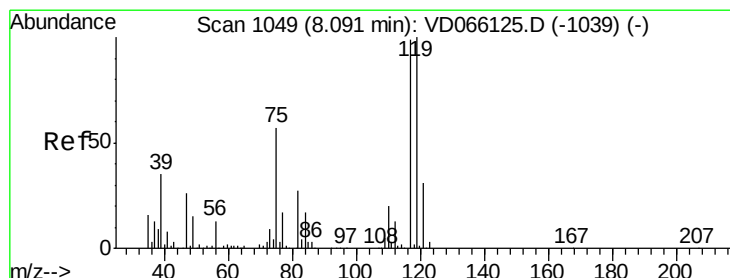
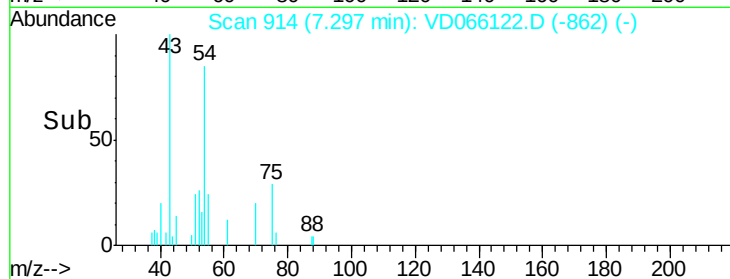
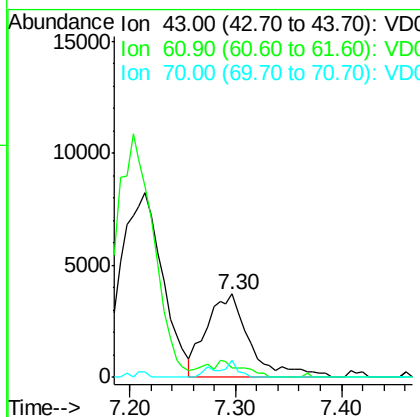
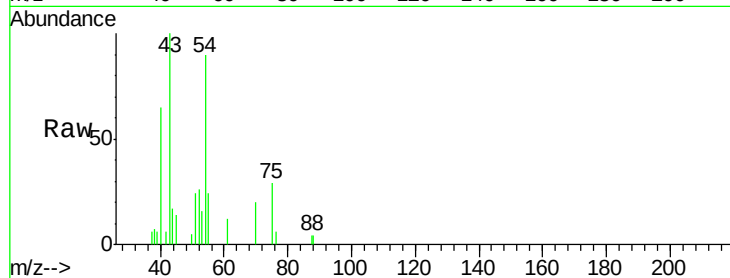




#37
 Ethyl Acetate
 Concen: 5.631 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

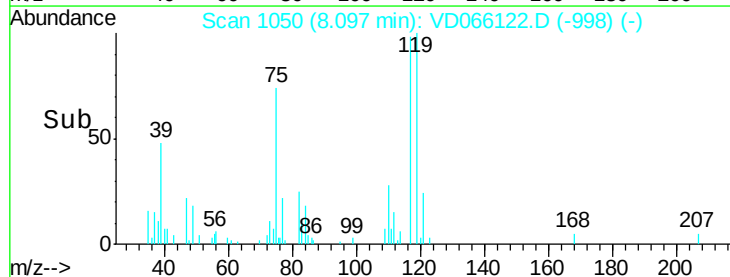
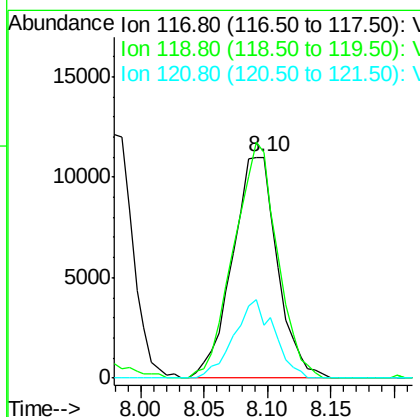
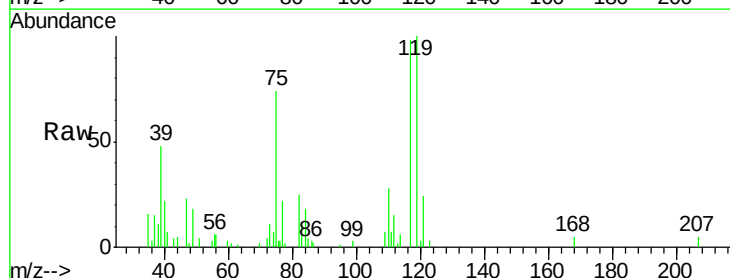
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

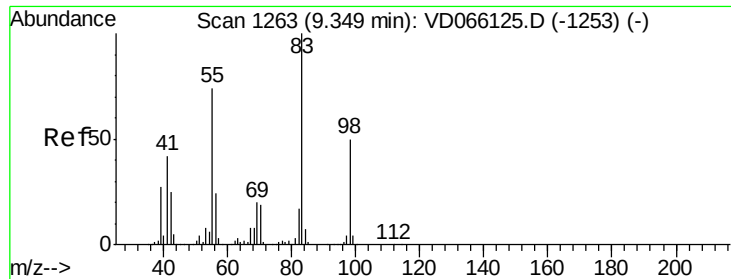
Tgt Ion: 43 Resp: 10630
 Ion Ratio Lower Upper
 43 100
 61 17.8 12.0 18.0
 70 9.4 9.7 14.5#



#38
 Carbon Tetrachloride
 Concen: 5.028 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 117 Resp: 27193
 Ion Ratio Lower Upper
 117 100
 119 102.3 81.0 121.4
 121 24.1 24.8 37.2#

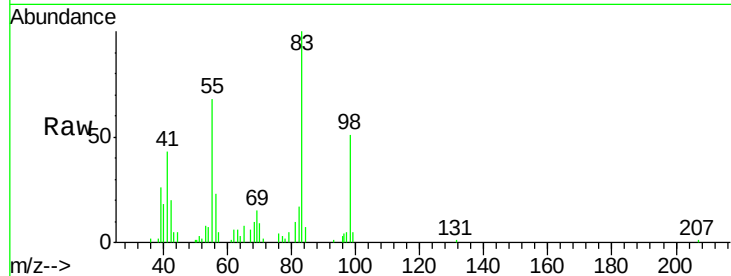




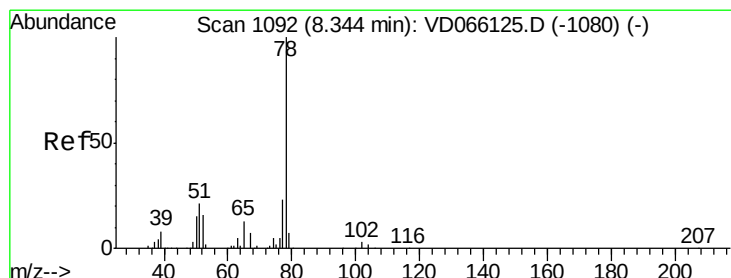
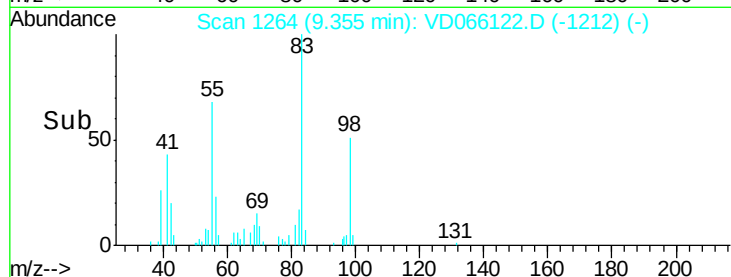
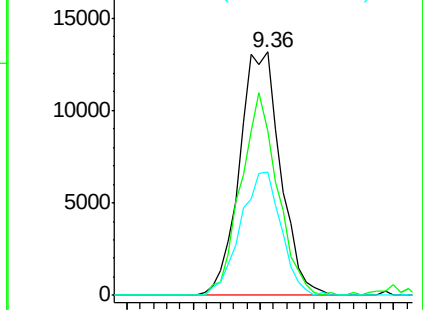
#39
Methylcyclohexane
Concen: 4.854 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 28024
Ion Ratio Lower Upper
83 100
55 67.5 59.2 88.8
98 50.6 39.8 59.6

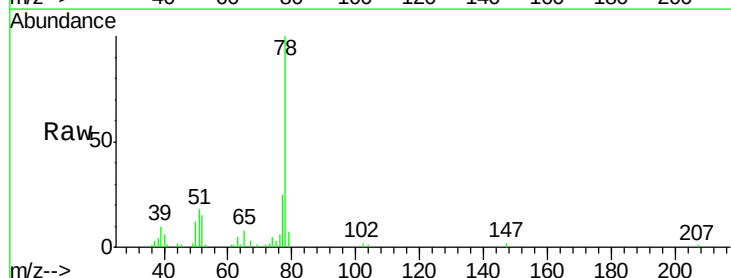


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

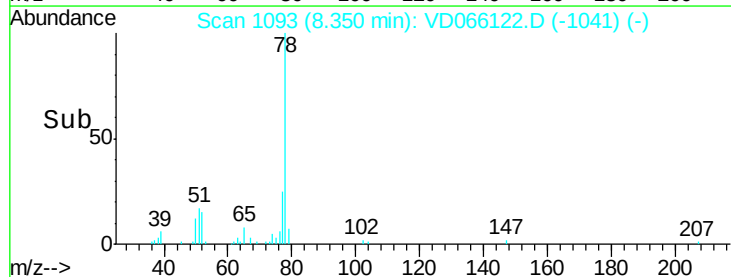
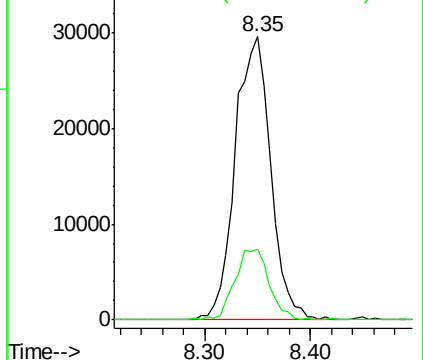


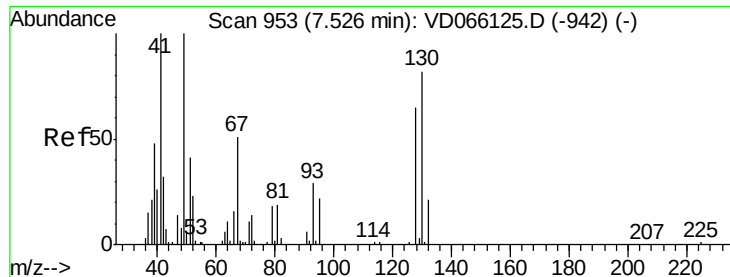
#40
Benzene
Concen: 5.098 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 78 Resp: 68827
Ion Ratio Lower Upper
78 100
77 25.1 18.6 27.8



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

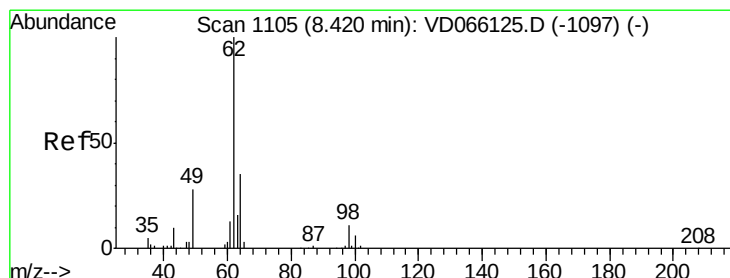
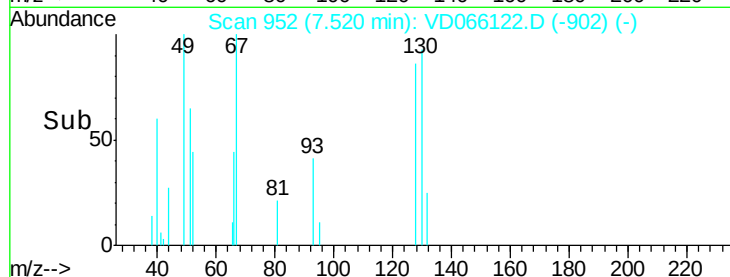
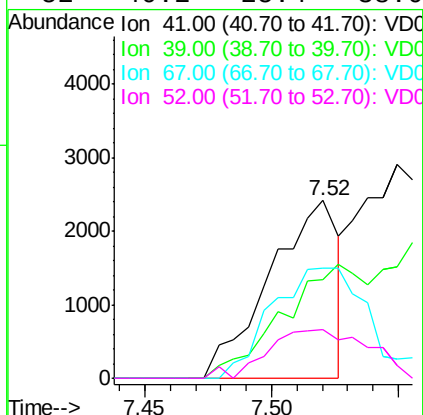
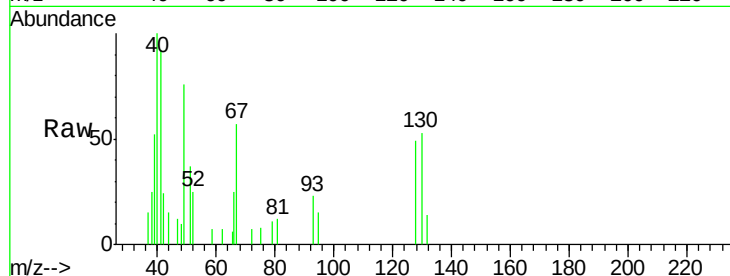




#41
Methacrylonitrile
Concen: 4.253 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

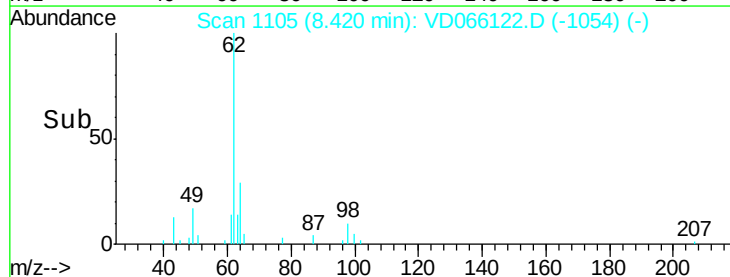
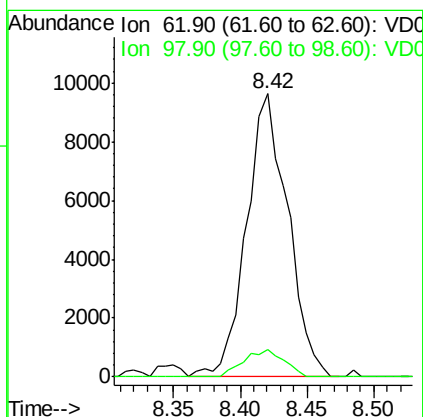
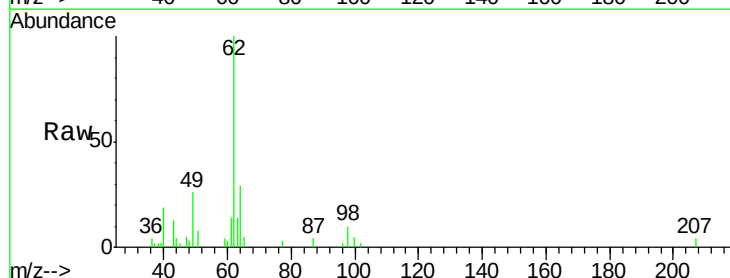
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

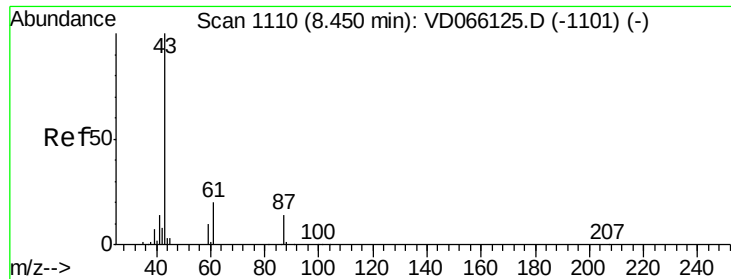
Tgt Ion:	41	Resp:	4575
Ion	Ratio	Lower	Upper
41	100		
39	77.1	47.5	71.3#
67	85.6	59.1	88.7
52	40.2	25.4	38.0#



#42
1,2-Dichloroethane
Concen: 5.230 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion:	62	Resp:	20620
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.4





#43

Isopropyl Acetate

Concen: 4.825 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

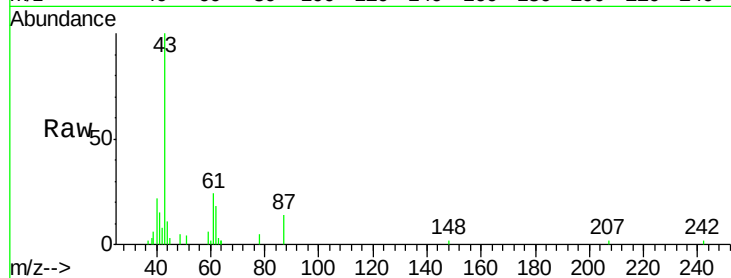
Tgt Ion: 43 Resp: 17800

Ion Ratio Lower Upper

43 100

61 0.0 25.5 38.3#

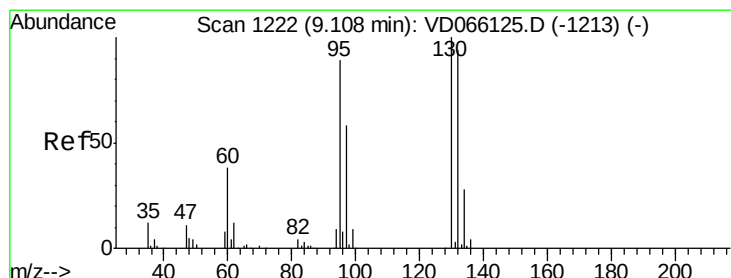
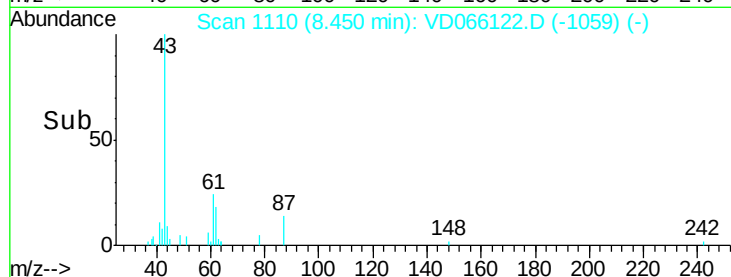
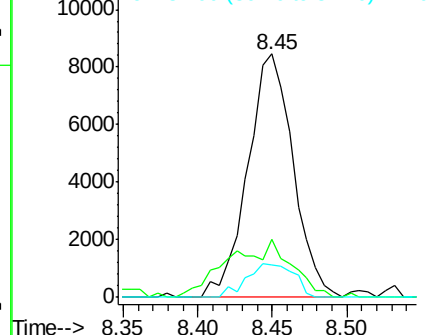
87 14.6 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 4.969 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066122.D

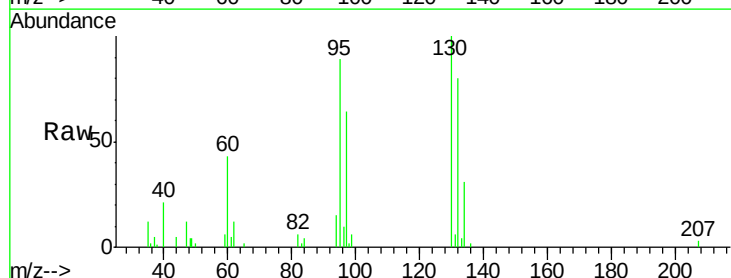
Acq: 05 Aug 2020 10:35

Tgt Ion: 130 Resp: 20045

Ion Ratio Lower Upper

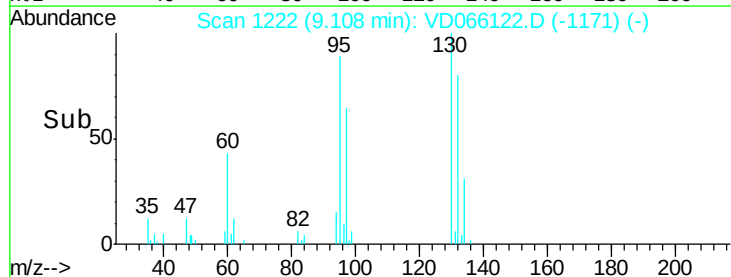
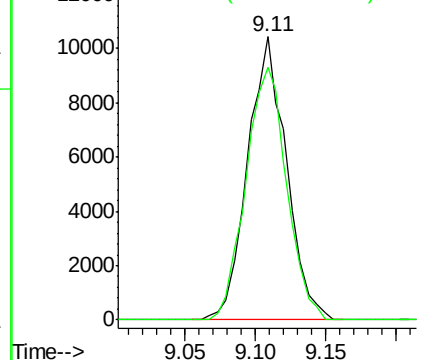
130 100

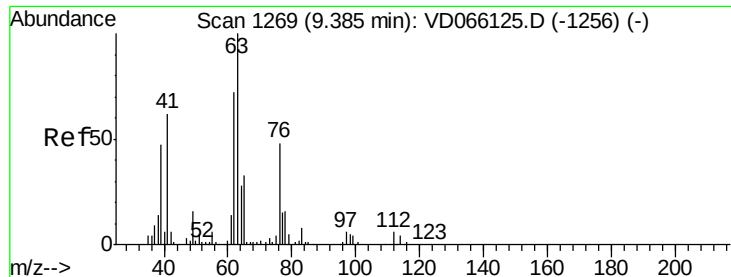
95 89.3 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

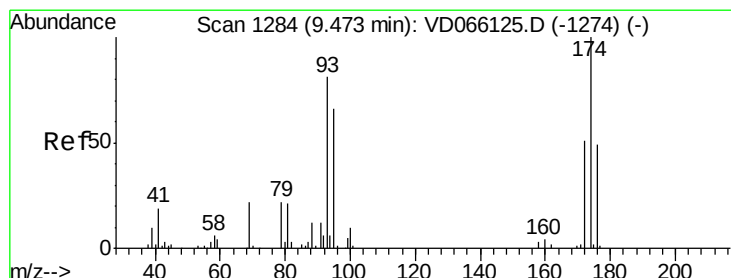
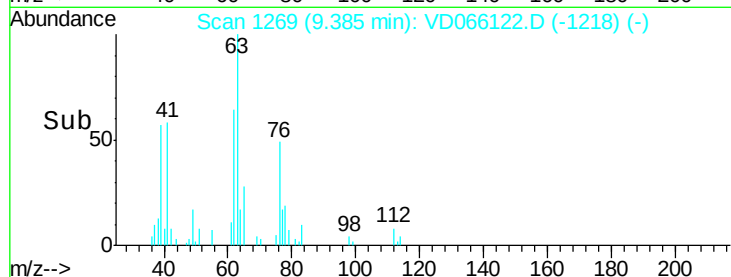
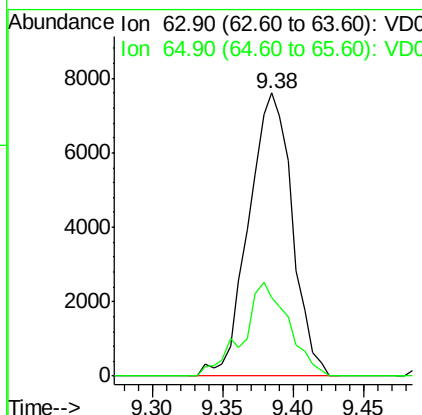
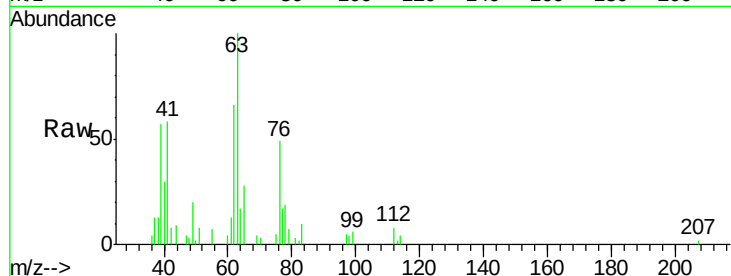




#45
 1,2-Dichloropropane
 Concen: 5.028 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

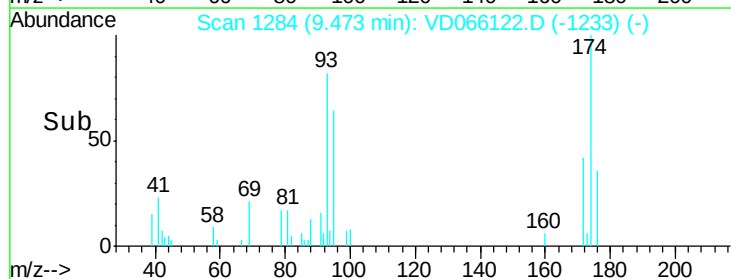
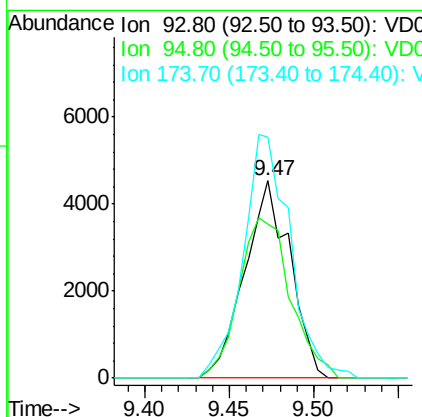
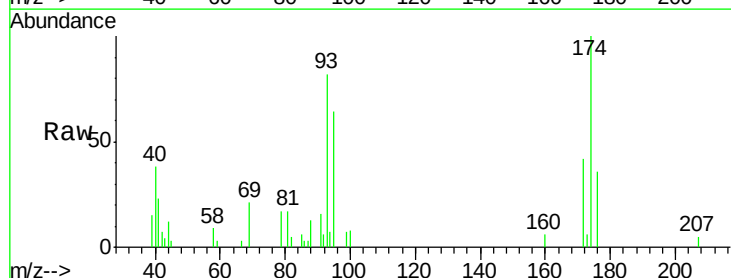
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

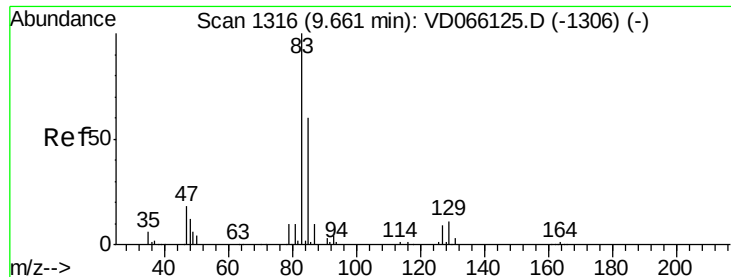
Tgt Ion: 63 Resp: 16434
 Ion Ratio Lower Upper
 63 100
 65 27.9 26.5 39.7



#46
 Dibromomethane
 Concen: 4.719 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 93 Resp: 8480
 Ion Ratio Lower Upper
 93 100
 95 92.4 65.8 98.6
 174 127.9 92.8 139.2





#47

Bromodichloromethane

Concen: 4.913 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

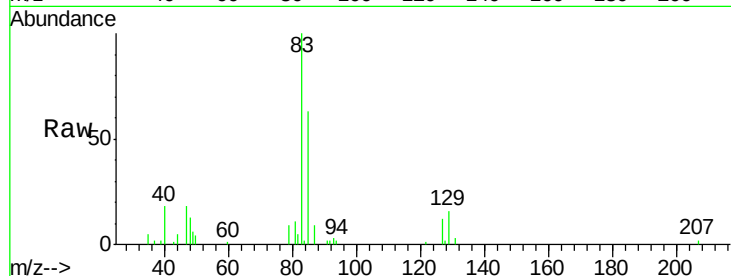
Tgt Ion: 83 Resp: 23347

Ion Ratio Lower Upper

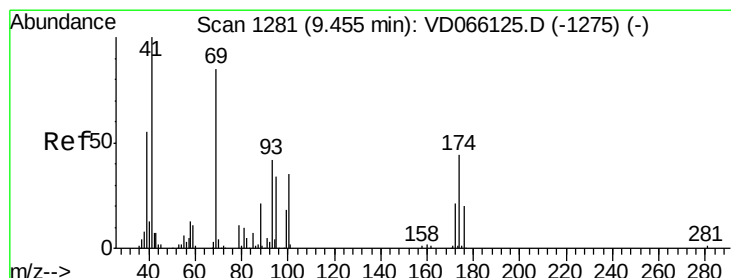
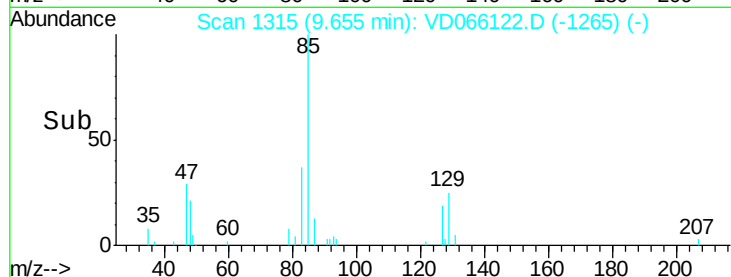
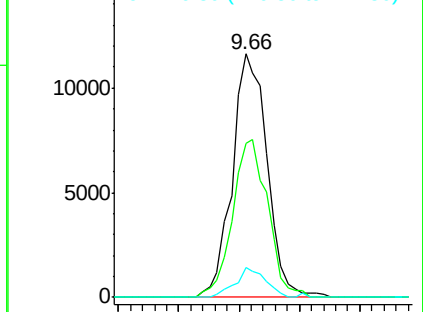
83 100

85 63.1 48.2 72.4

127 12.1 7.3 10.9#



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): V



#48

Methyl methacrylate

Concen: 5.042 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

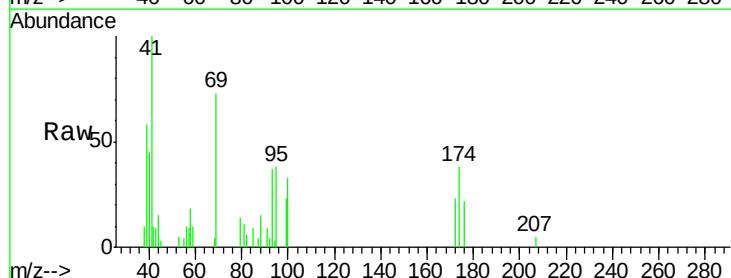
Tgt Ion: 41 Resp: 9797

Ion Ratio Lower Upper

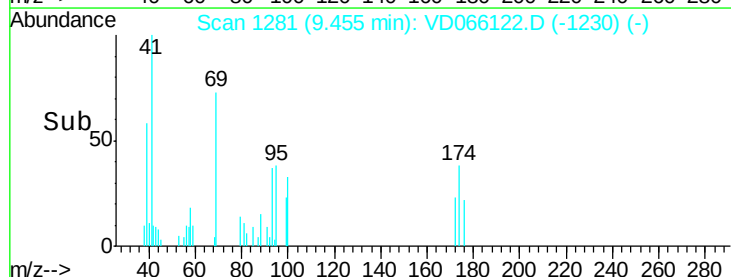
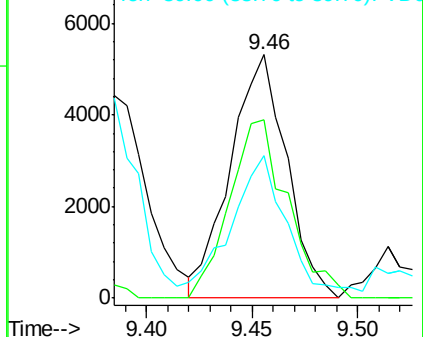
41 100

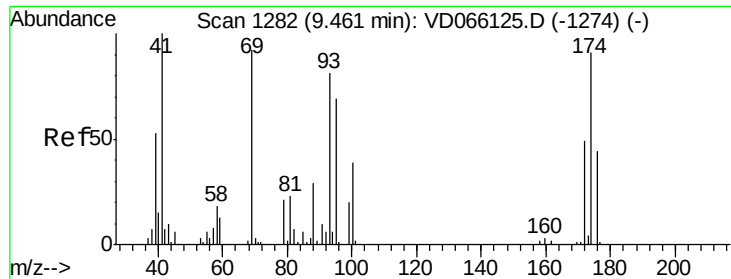
69 76.0 63.9 95.9

39 58.8 42.6 64.0



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

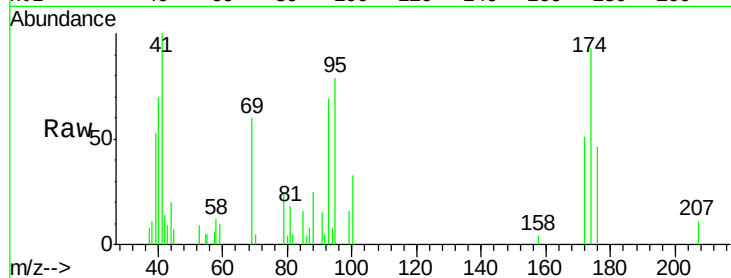




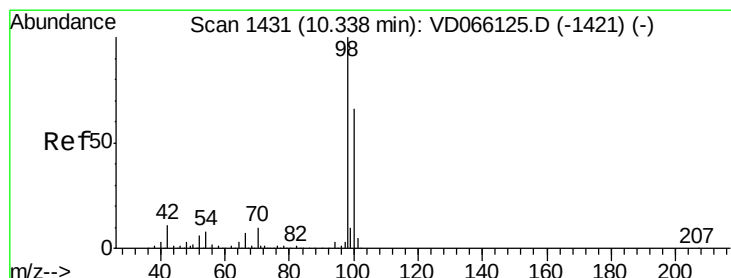
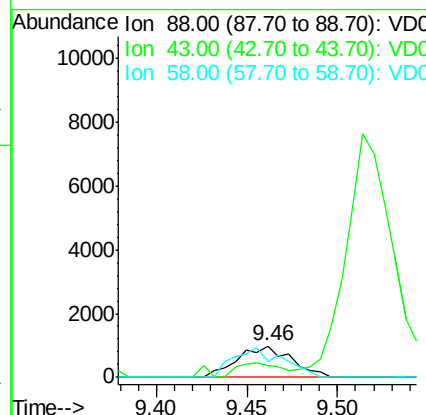
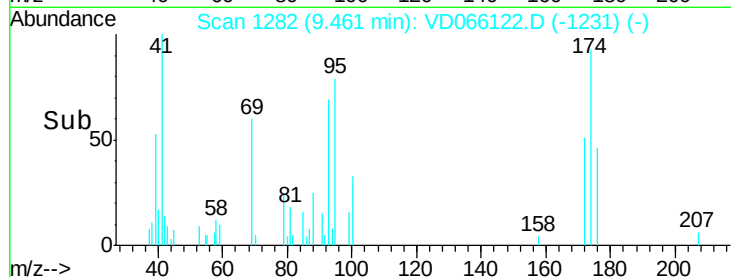
#49
1,4-Dioxane
Concen: 87.822 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 2024
Ion Ratio Lower Upper
88 100
43 37.7 27.5 41.3
58 87.6 50.2 75.4#

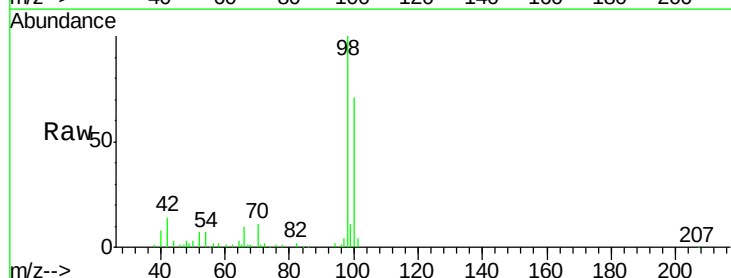


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

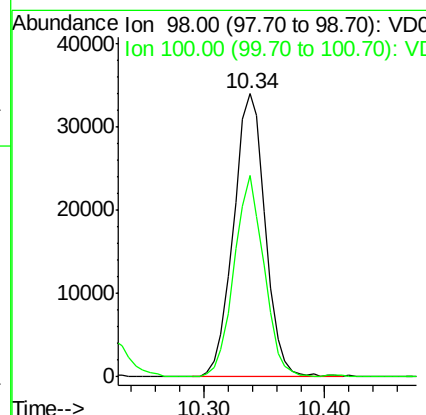
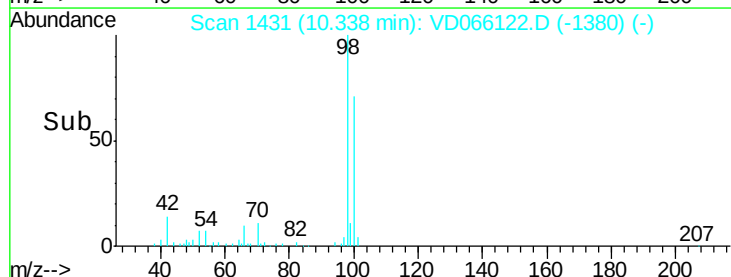


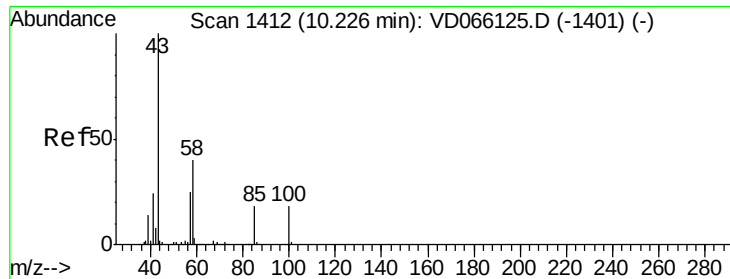
#50
Toluene-d8
Concen: 5.279 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 98 Resp: 62119
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8



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

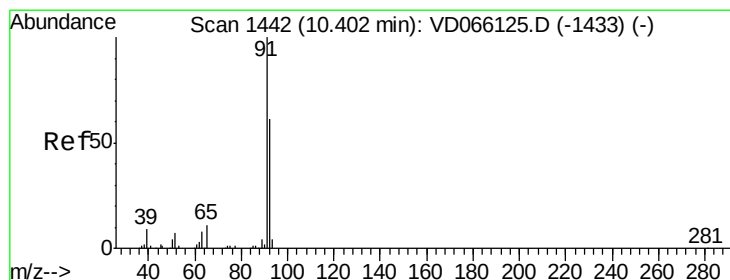
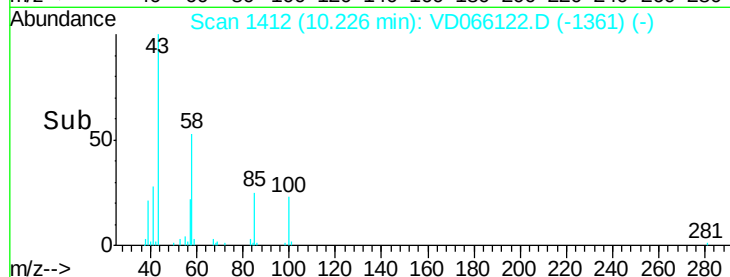
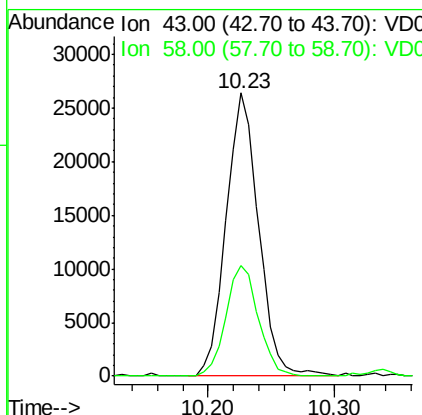
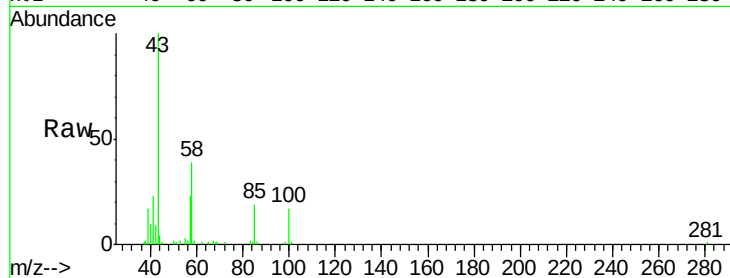




#51
 4-Methyl-2-Pentanone
 Concen: 24.339 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

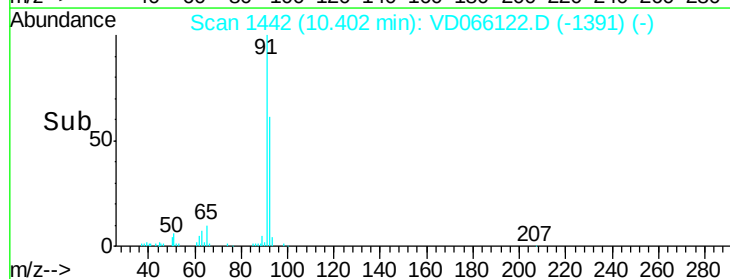
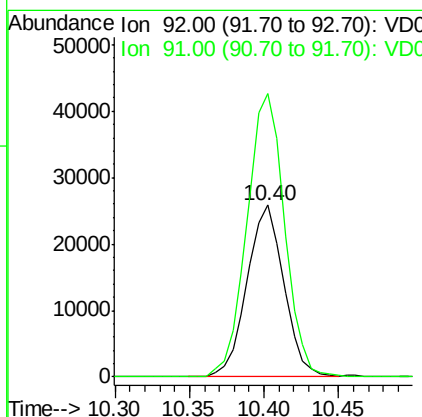
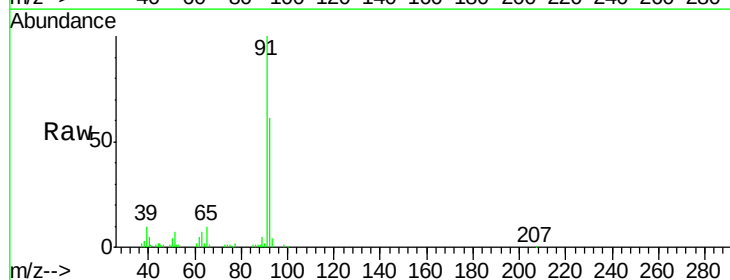
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

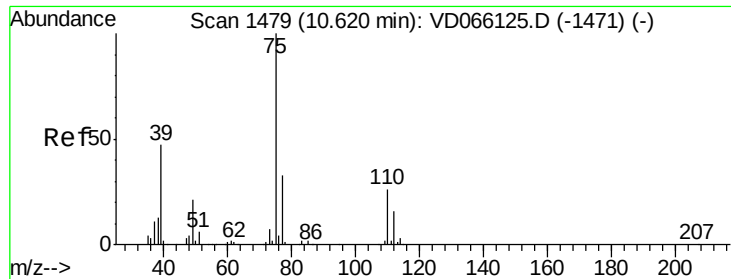
Tgt Ion: 43 Resp: 46793
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.1 46.7



#52
 Toluene
 Concen: 4.996 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 92 Resp: 44146
 Ion Ratio Lower Upper
 92 100
 91 168.3 135.2 202.8

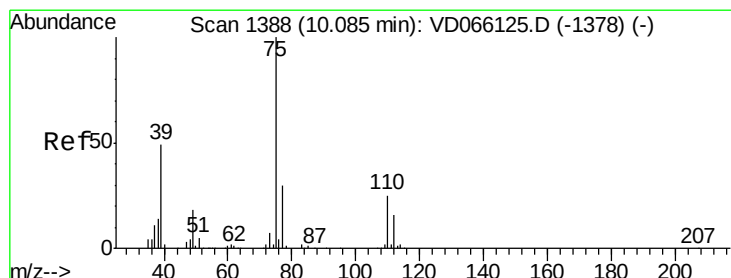
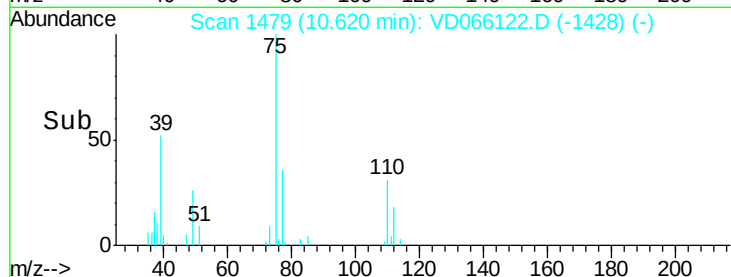
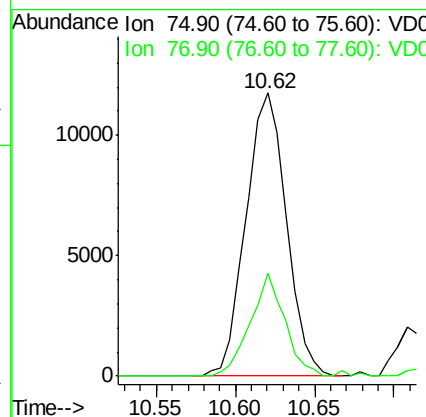
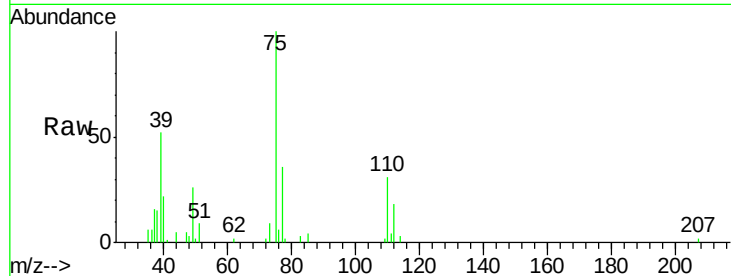




#53
 t-1,3-Dichloropropene
 Concen: 4.687 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

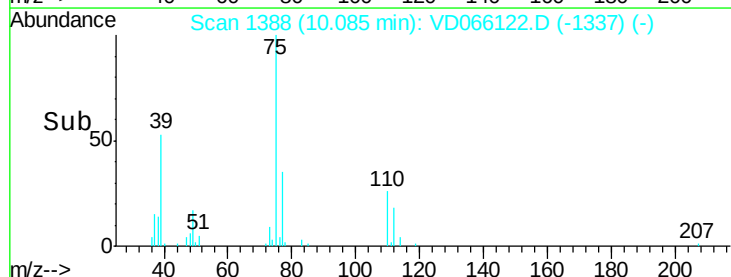
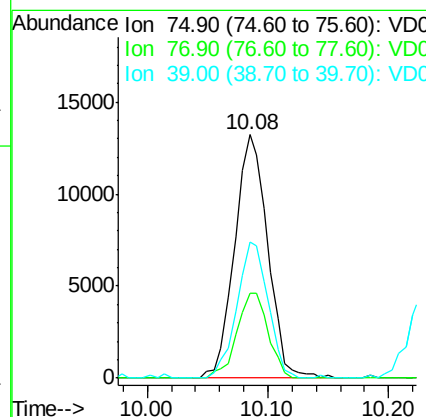
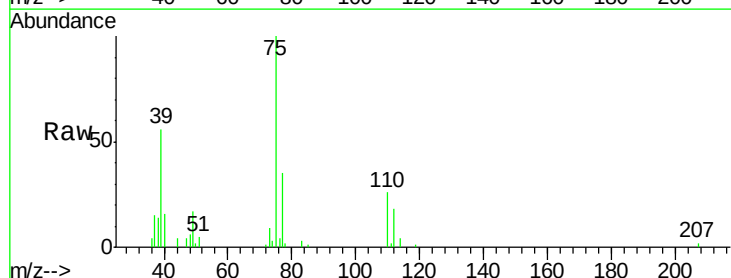
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

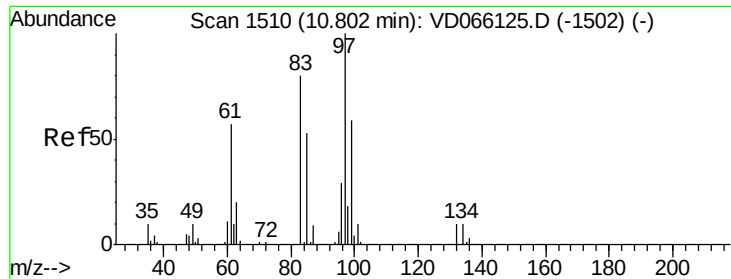
Tgt Ion: 75 Resp: 20866
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.845 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 75 Resp: 25218
 Ion Ratio Lower Upper
 75 100
 77 35.1 24.3 36.5
 39 55.7 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 5.094 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 13339

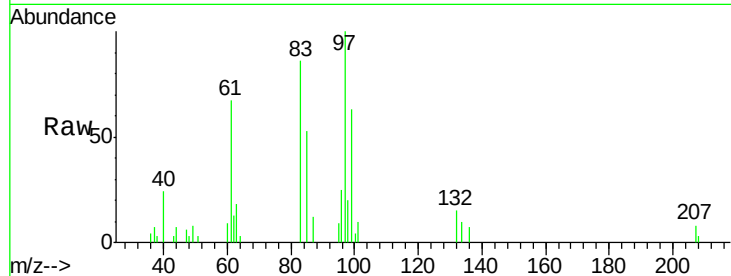
Ion Ratio Lower Upper

97 100

83 85.5 63.9 95.9

85 50.2 42.5 63.7

99 63.1 47.4 71.0

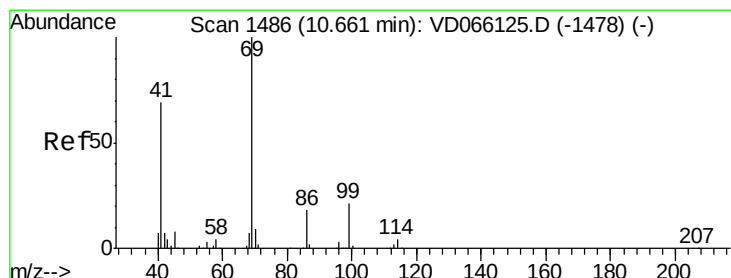
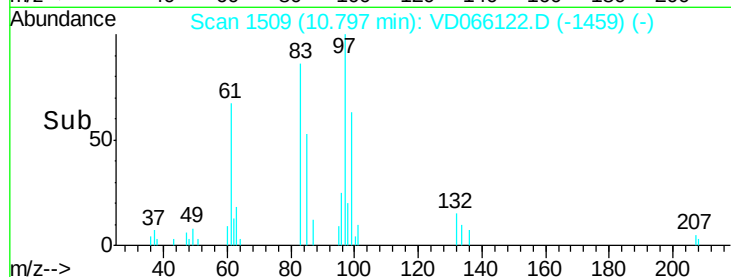
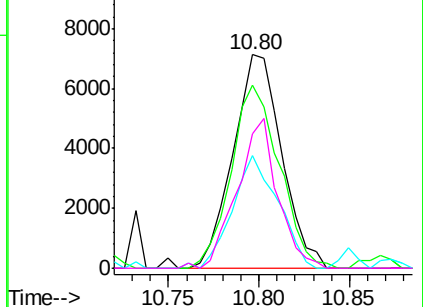


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 4.492 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

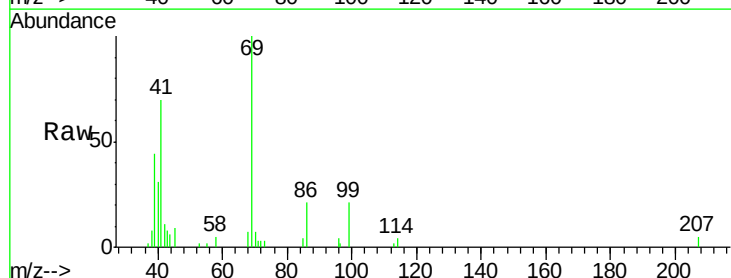
Tgt Ion: 69 Resp: 13495

Ion Ratio Lower Upper

69 100

41 73.4 54.1 81.1

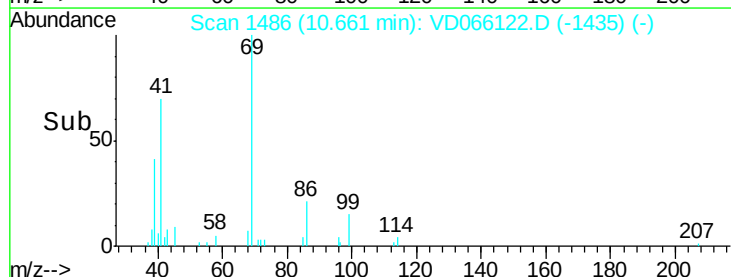
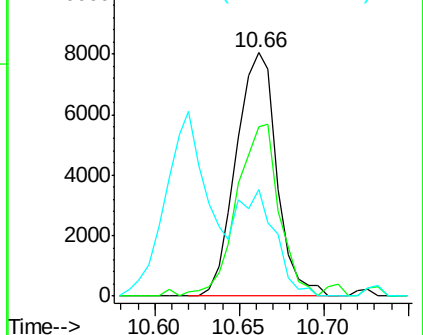
39 39.7 28.6 43.0

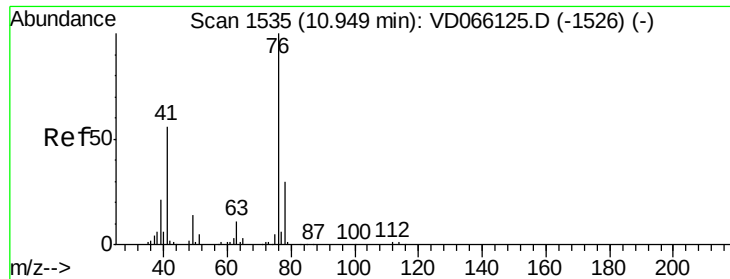


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

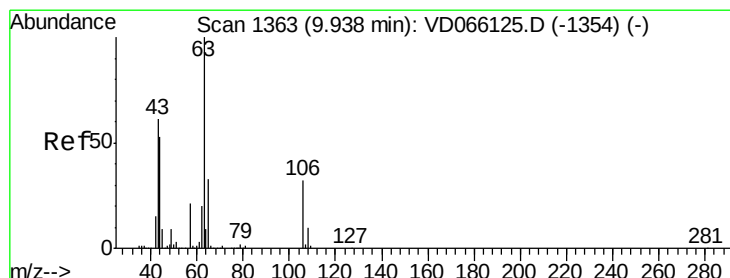
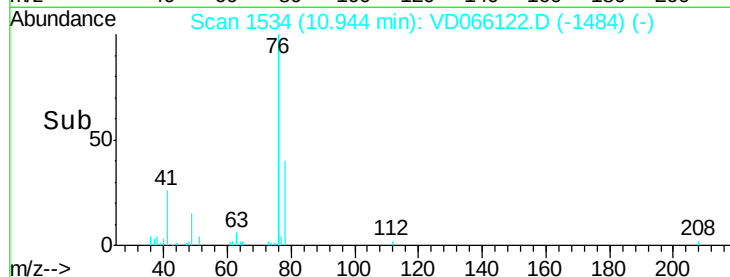
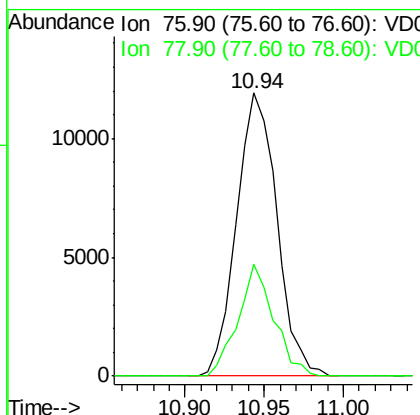
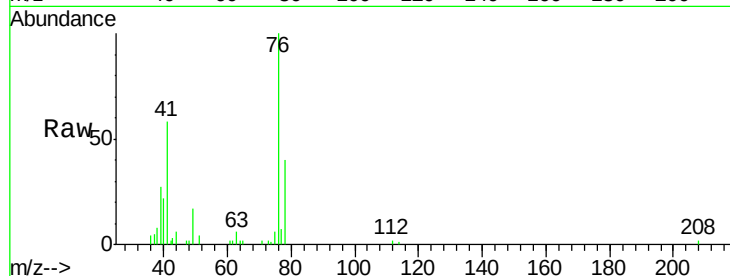




#57
 1,3-Dichloropropane
 Concen: 4.892 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

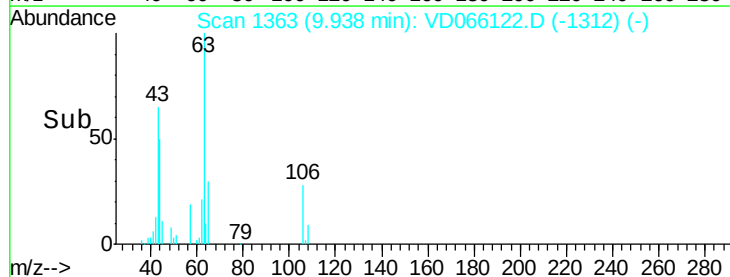
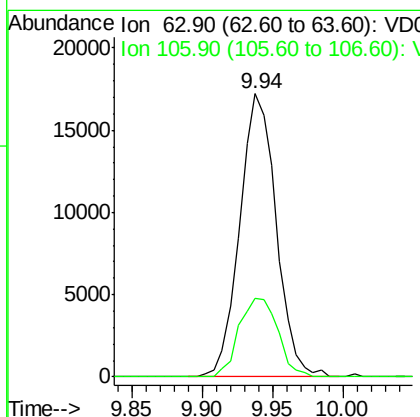
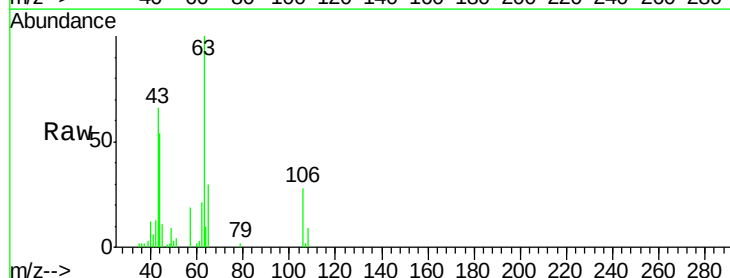
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

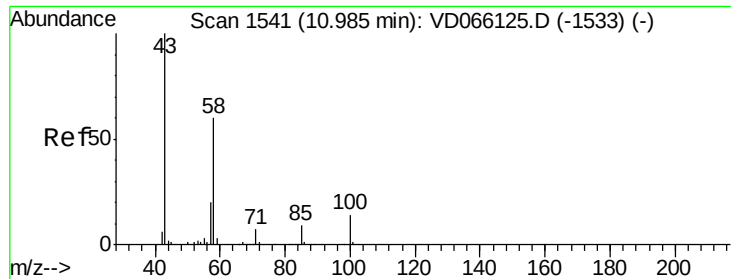
Tgt Ion: 76 Resp: 21067
 Ion Ratio Lower Upper
 76 100
 78 35.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.769 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 63 Resp: 31119
 Ion Ratio Lower Upper
 63 100
 106 29.7 25.3 37.9

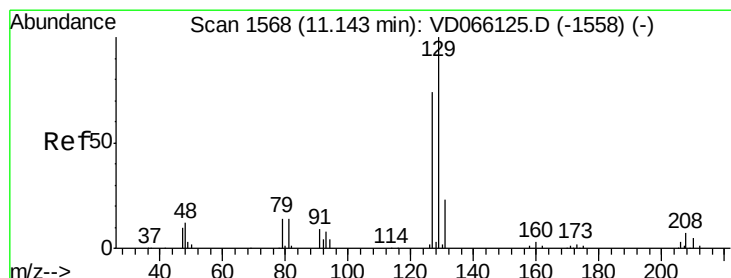
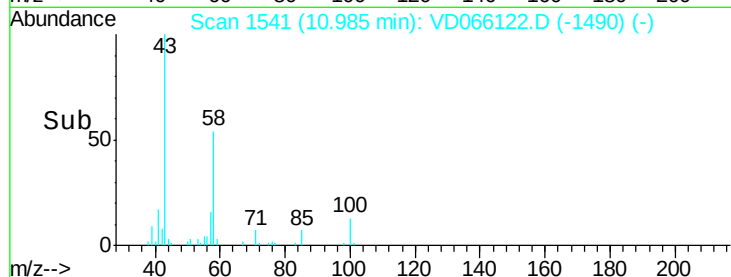
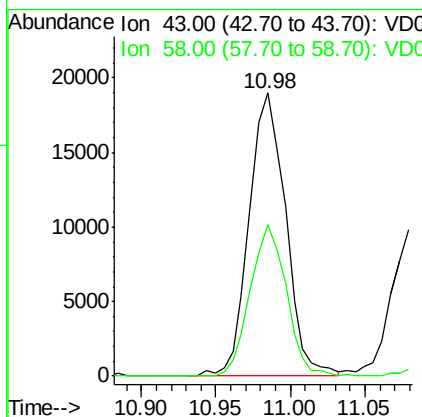
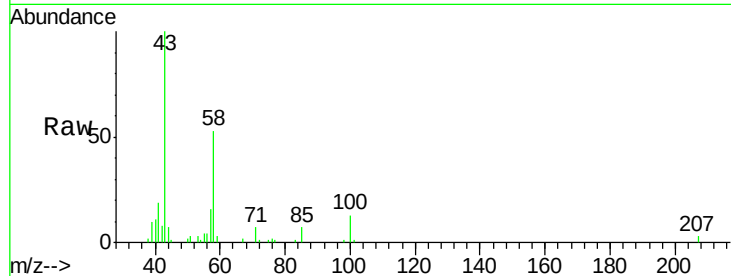




#59
2-Hexanone
Concen: 23.922 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

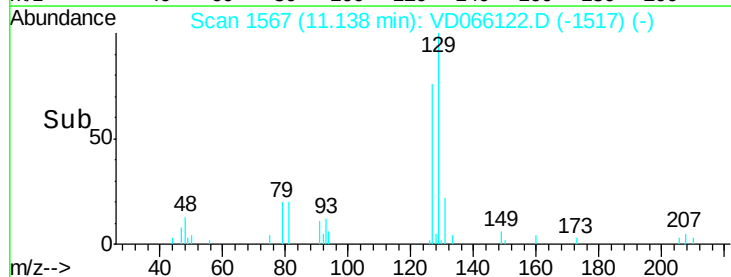
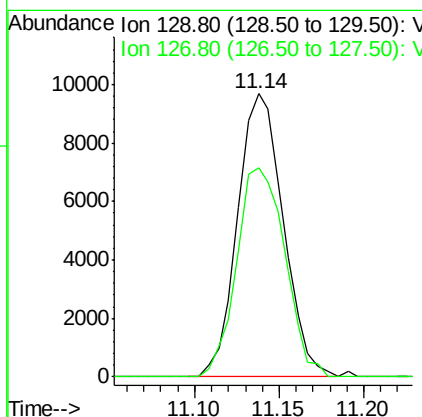
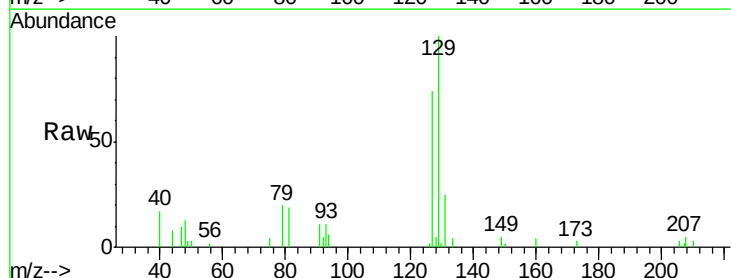
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

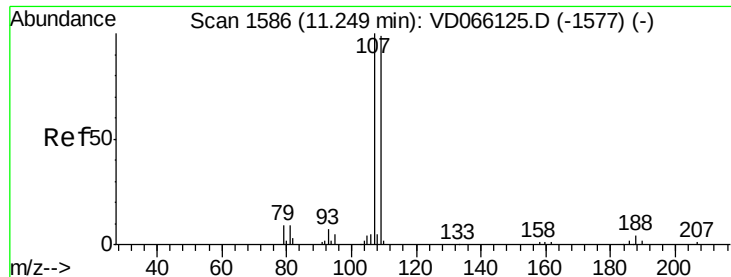
Tgt Ion: 43 Resp: 32161
Ion Ratio Lower Upper
43 100
58 53.0 27.8 83.4



#60
Dibromochloromethane
Concen: 5.076 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 129 Resp: 18199
Ion Ratio Lower Upper
129 100
127 78.2 38.0 114.1

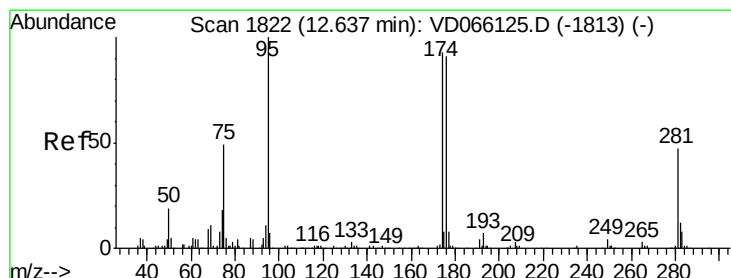
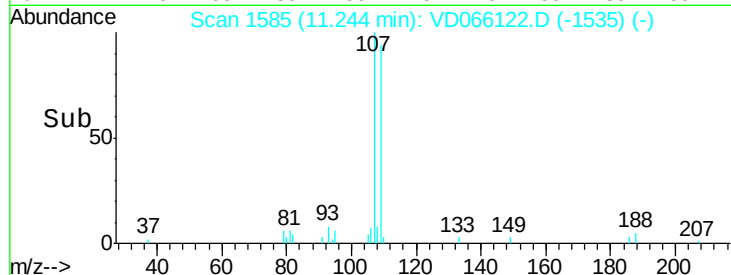
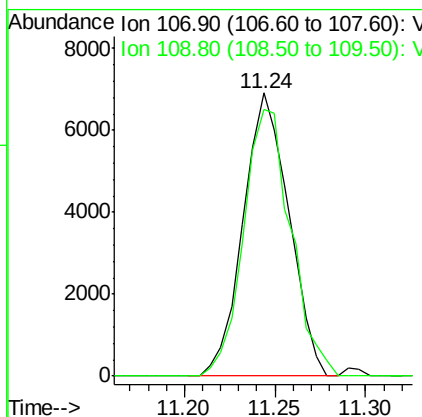
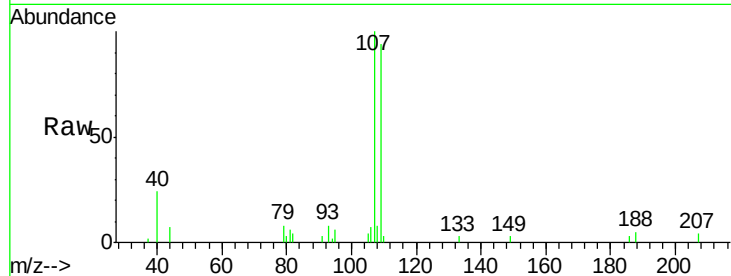




#61
 1,2-Dibromoethane
 Concen: 4.890 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

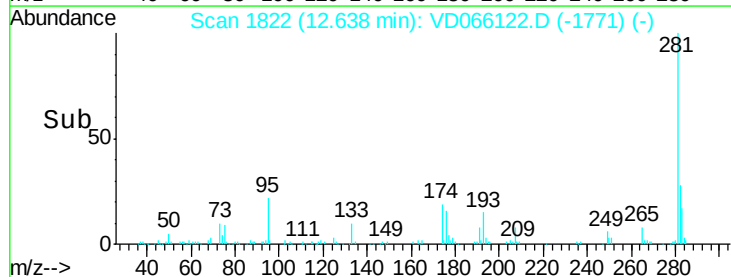
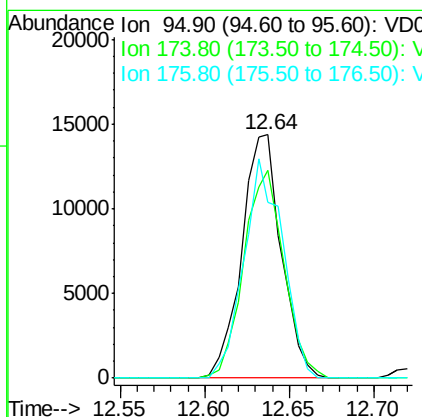
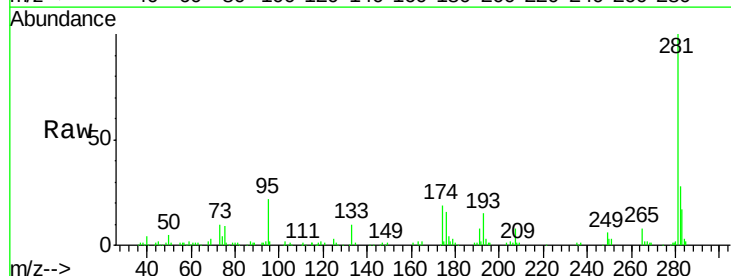
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

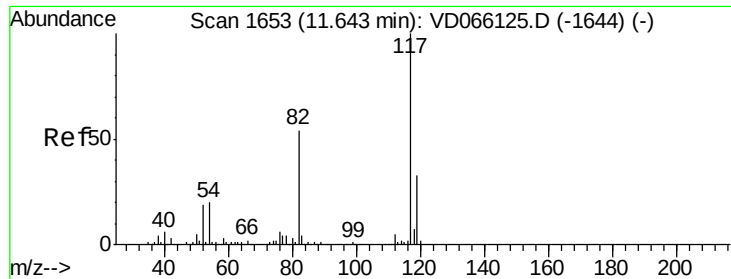
Tgt Ion: 107 Resp: 12144
 Ion Ratio Lower Upper
 107 100
 109 97.4 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 5.498 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 95 Resp: 23520
 Ion Ratio Lower Upper
 95 100
 174 86.6 0.0 180.8
 176 88.1 0.0 181.2

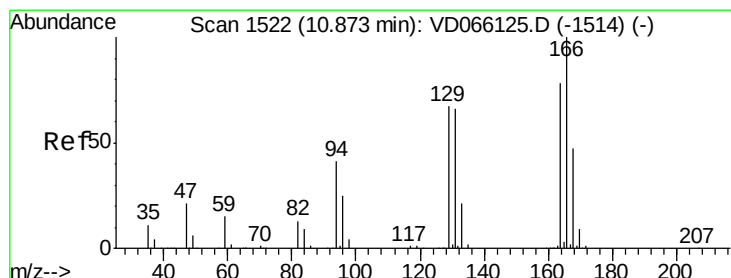
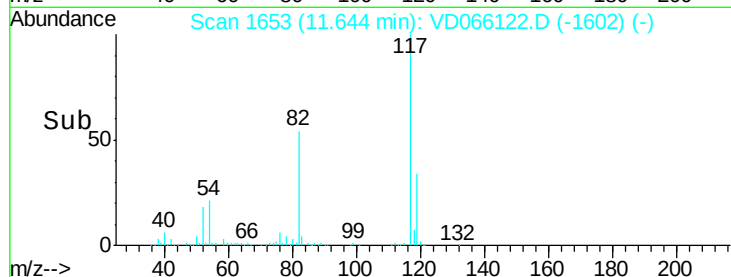
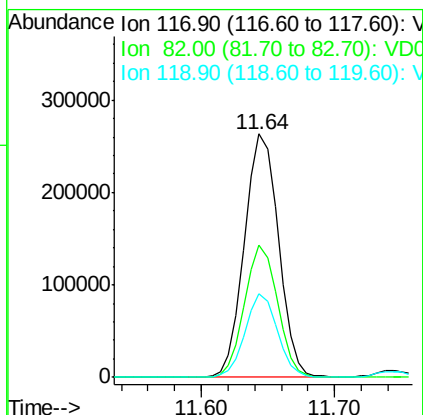
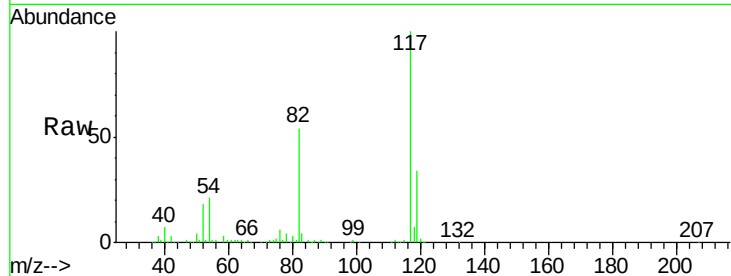




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

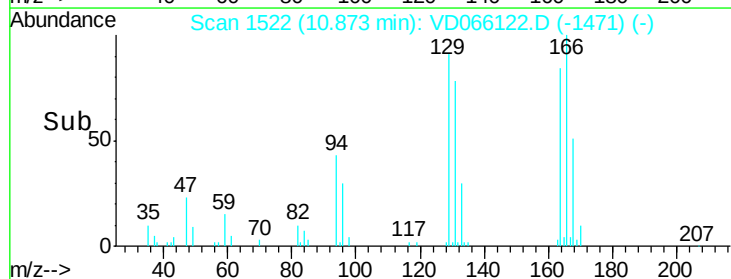
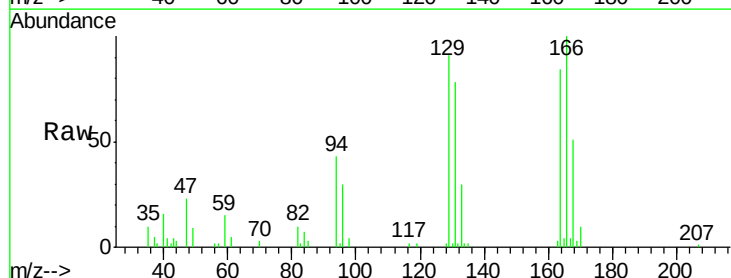
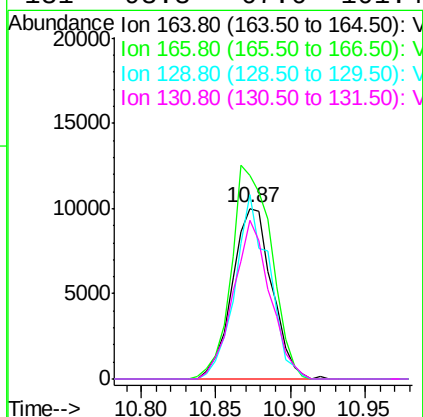
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

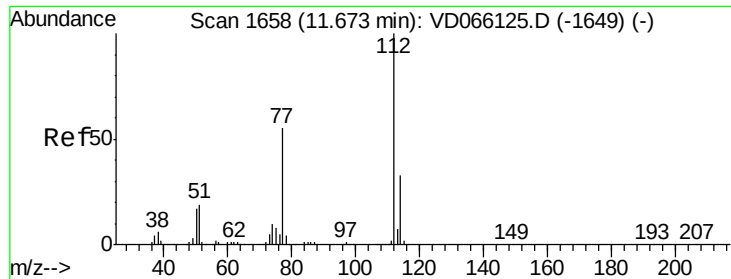
Tgt Ion:117 Resp: 466401
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 34.4 26.1 39.1



#64
Tetrachloroethene
Concen: 5.072 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion:164 Resp: 18540
Ion Ratio Lower Upper
164 100
166 119.2 101.9 152.9
129 108.2 68.1 102.1#
131 93.3 67.6 101.4

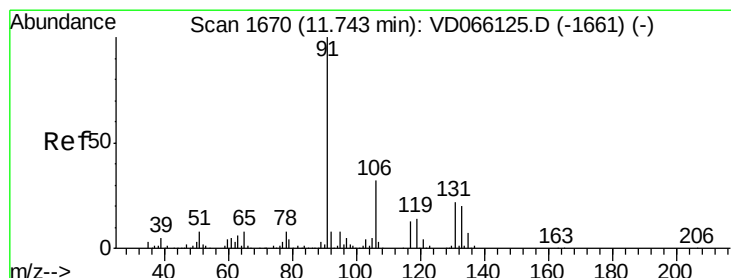
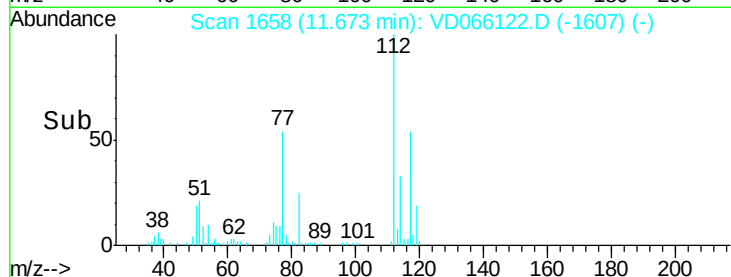
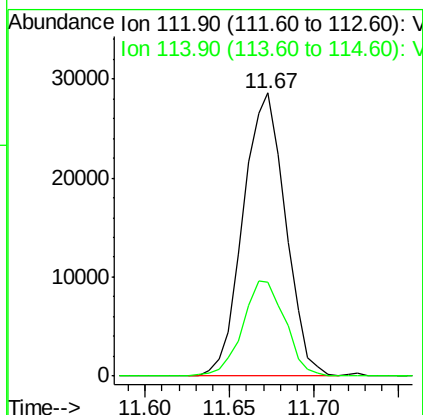
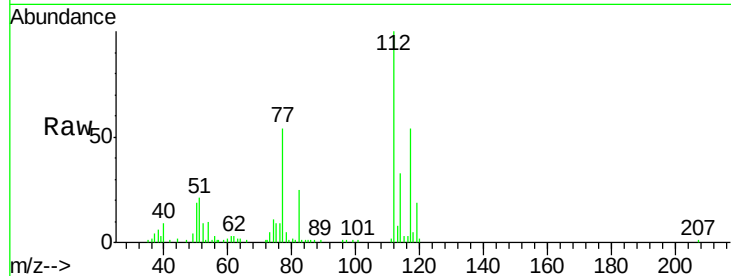




#65
Chlorobenzene
Concen: 5.149 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

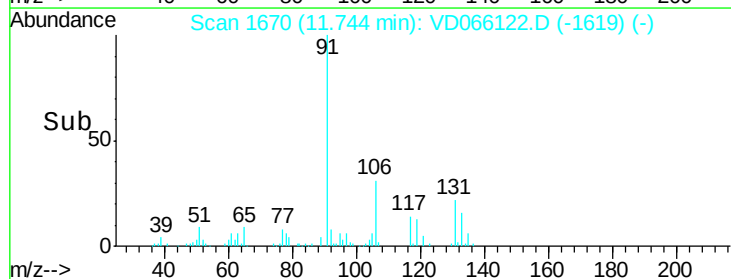
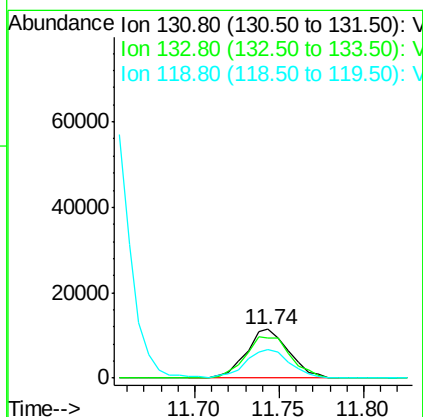
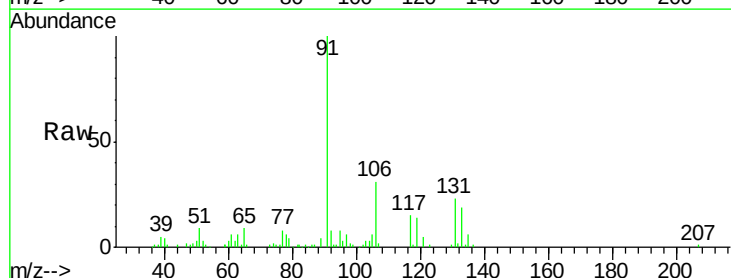
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

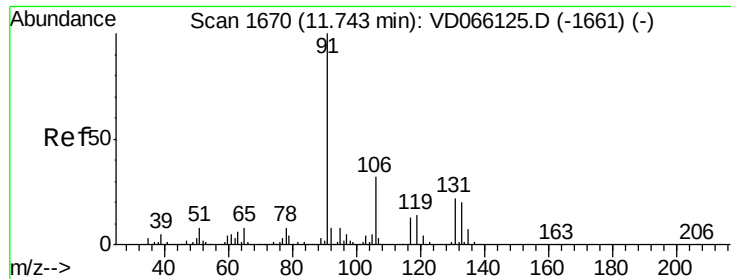
Tgt Ion:112 Resp: 49841
Ion Ratio Lower Upper
112 100
114 33.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 5.168 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion:131 Resp: 19668
Ion Ratio Lower Upper
131 100
133 91.7 47.1 141.4
119 61.6 31.6 94.7

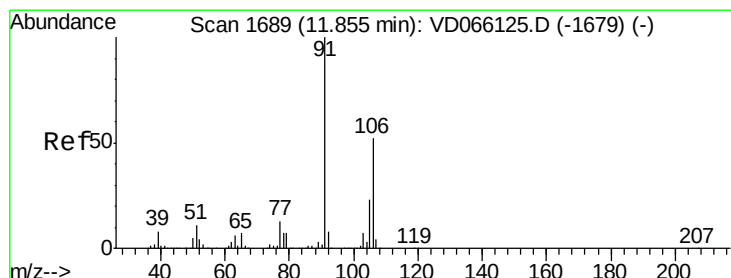
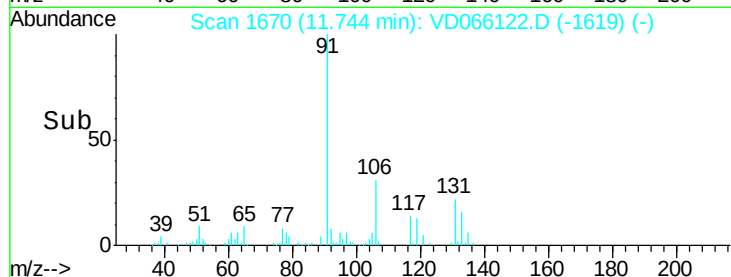
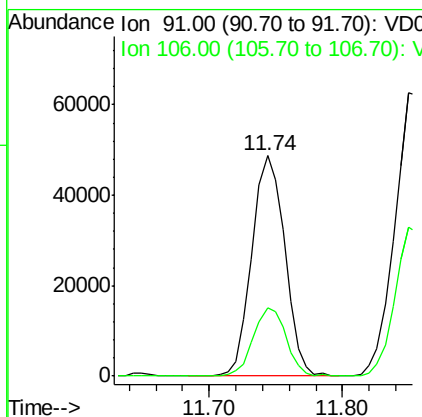
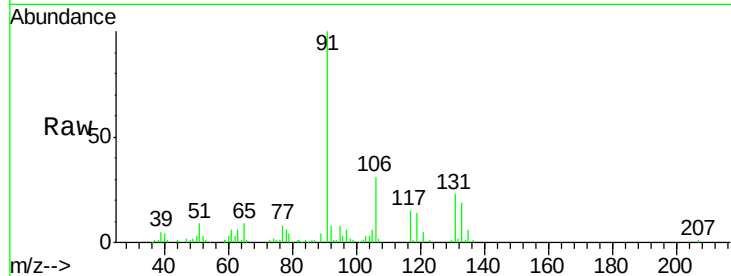




#67
Ethyl Benzene
Concen: 5.019 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

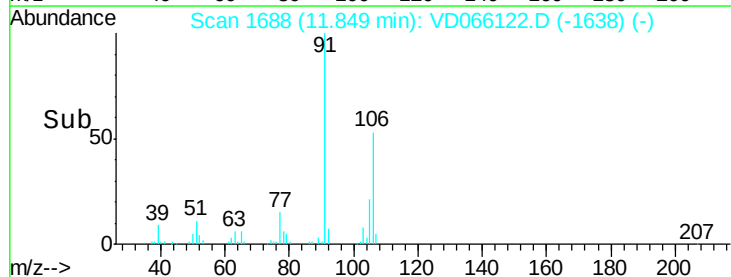
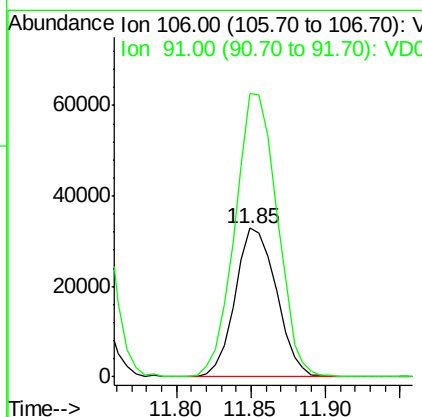
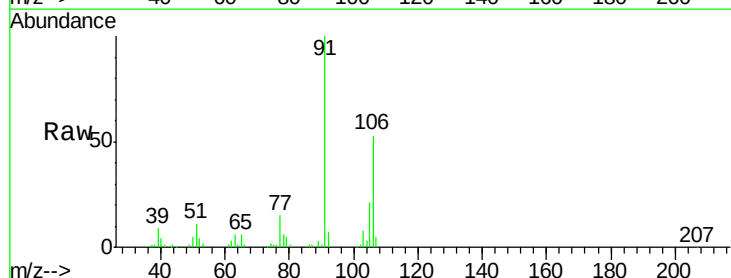
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

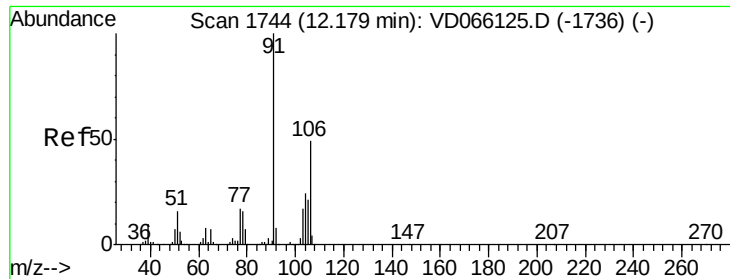
Tgt Ion: 91 Resp: 83371
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5



#68
m/p-Xylenes
Concen: 9.785 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 106 Resp: 63218
Ion Ratio Lower Upper
106 100
91 195.2 156.6 235.0

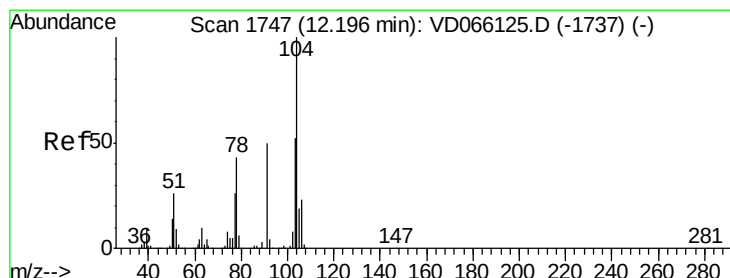
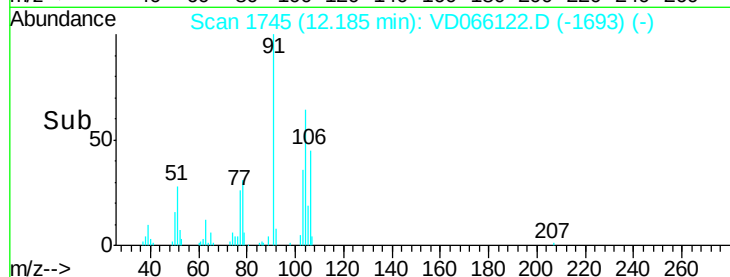
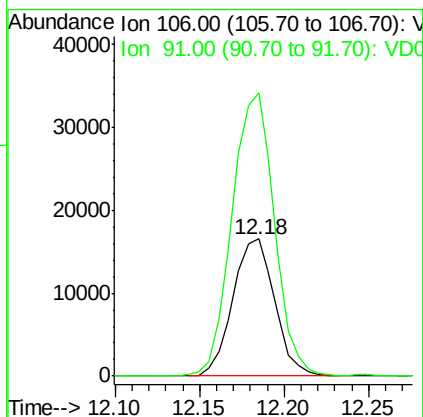
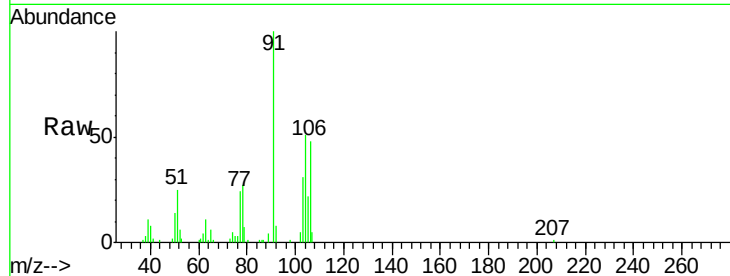




#69
o-Xylene
Concen: 4.899 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

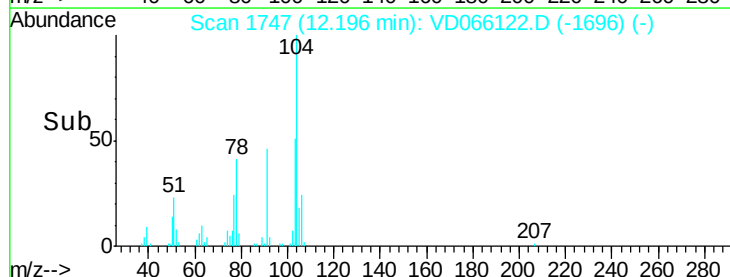
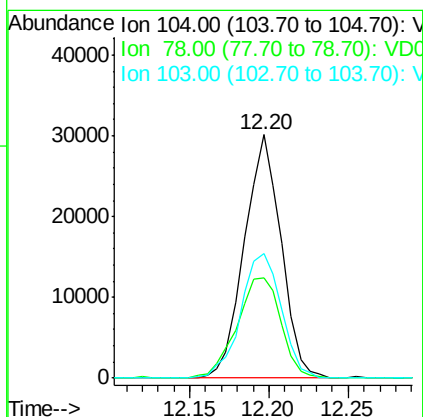
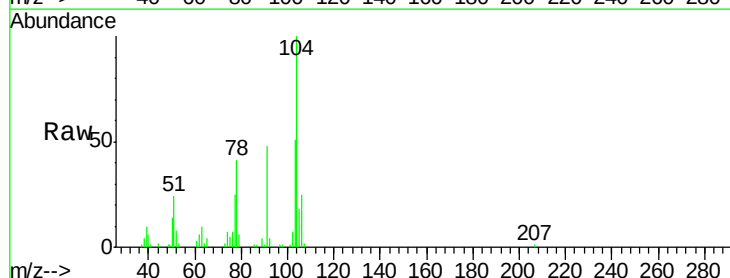
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

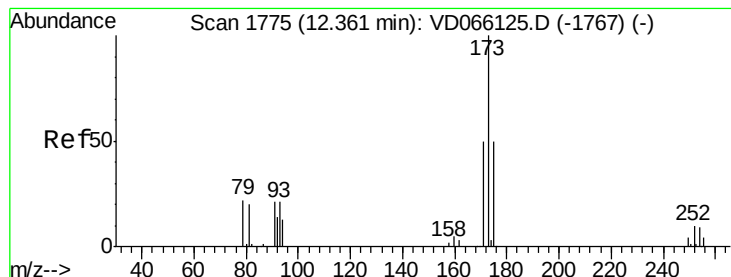
Tgt Ion:106 Resp: 28480
Ion Ratio Lower Upper
106 100
91 209.1 105.7 317.1



#70
Styrene
Concen: 4.742 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion:104 Resp: 48556
Ion Ratio Lower Upper
104 100
78 49.4 38.6 58.0
103 56.7 44.1 66.1





#71

Bromoform

Concen: 5.026 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

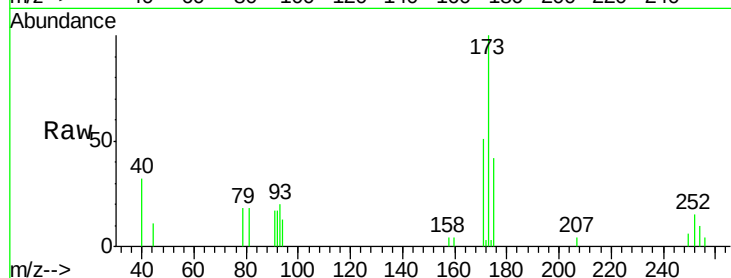
Tgt Ion:173 Resp: 11252

Ion Ratio Lower Upper

173 100

175 47.2 24.6 73.6

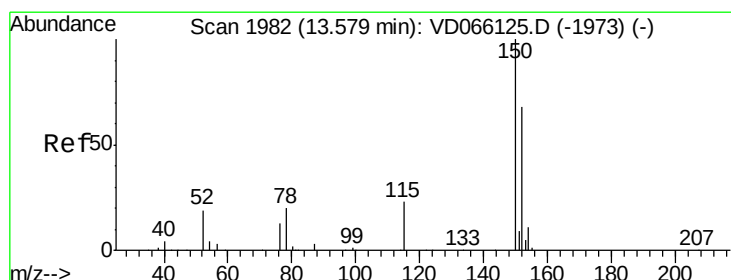
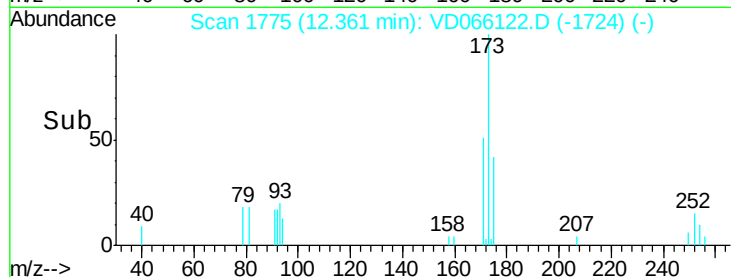
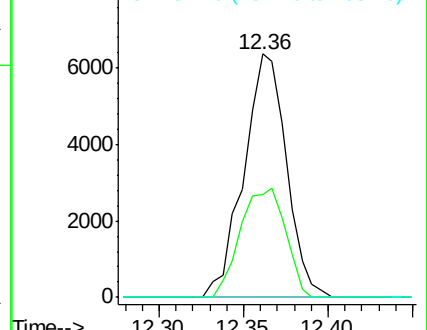
254 0.0 0.2 0.2#



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: VD066122.D

Acq: 05 Aug 2020 10:35

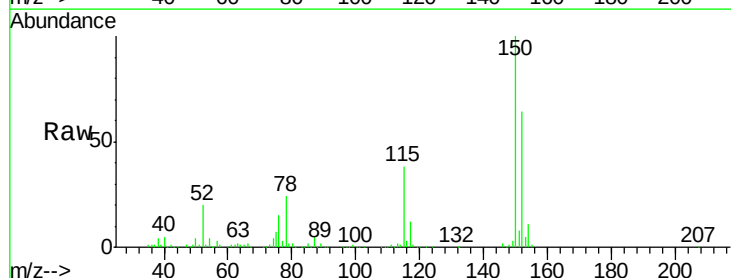
Tgt Ion:152 Resp: 239071

Ion Ratio Lower Upper

152 100

115 56.6 28.0 83.9

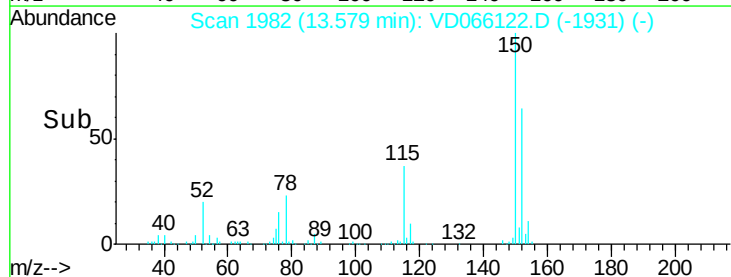
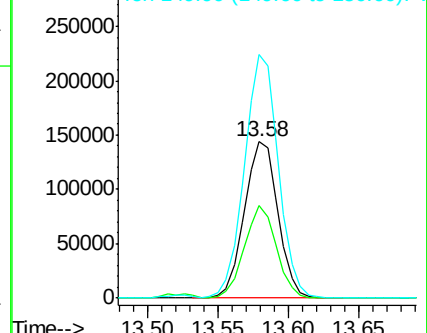
150 157.3 0.0 346.4

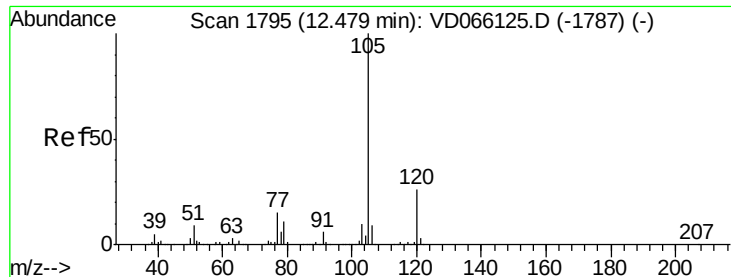


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

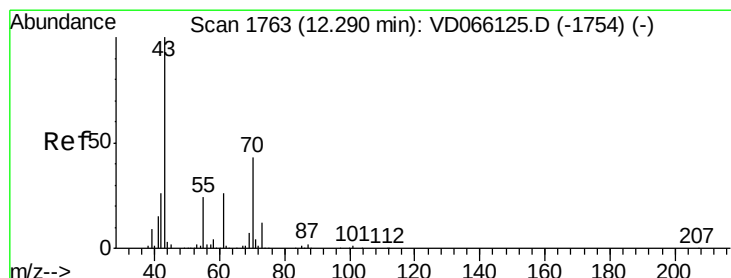
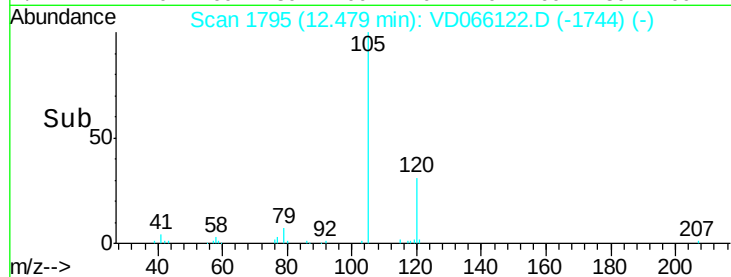
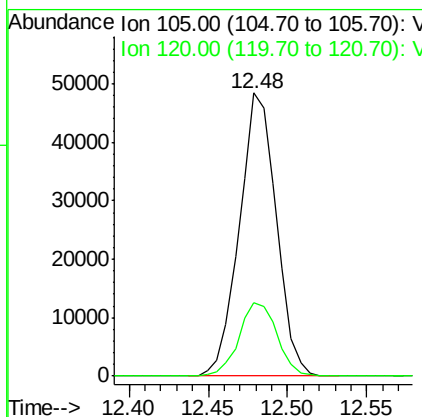
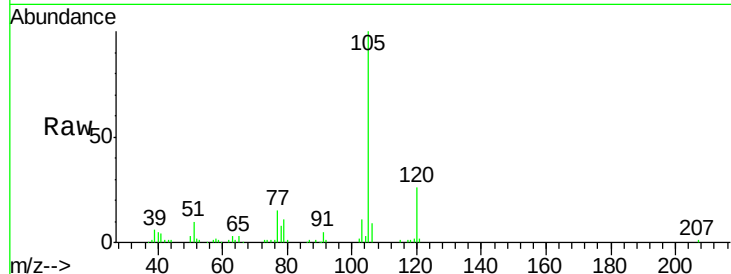




#73
Isopropylbenzene
Concen: 4.866 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

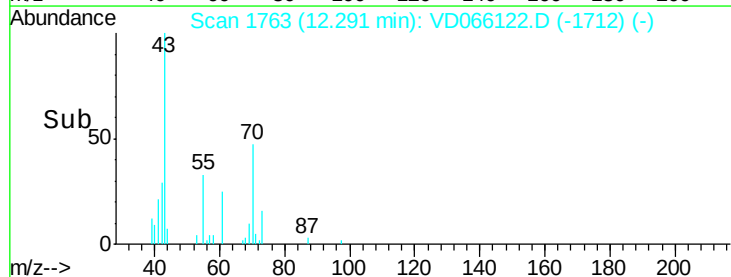
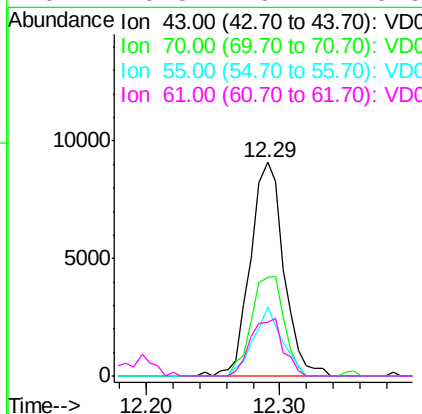
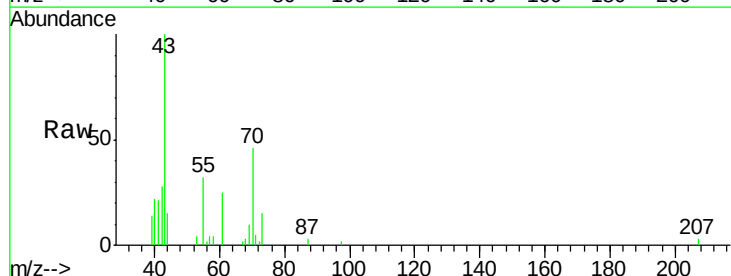
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

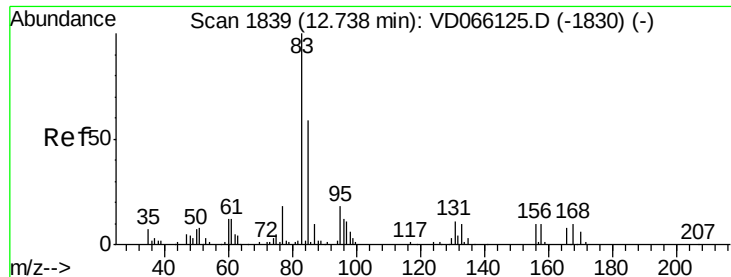
Tgt Ion: 105 Resp: 78297
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 4.526 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 43 Resp: 15668
Ion Ratio Lower Upper
43 100
70 45.6 34.9 52.3
55 27.7 19.2 28.8
61 26.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 5.297 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

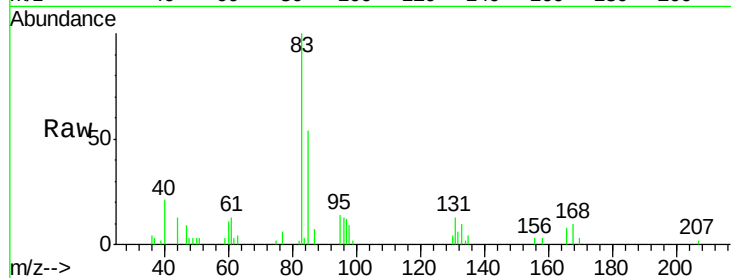
Tgt Ion: 83 Resp: 14780

Ion Ratio Lower Upper

83 100

131 13.6 6.2 18.6

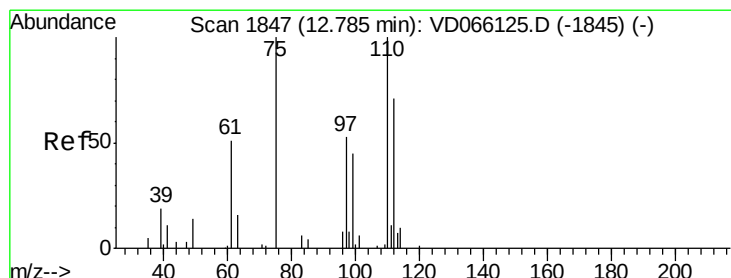
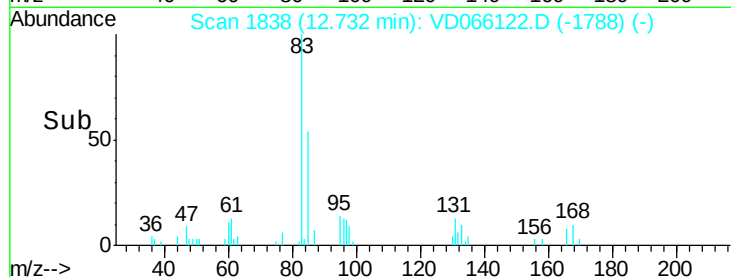
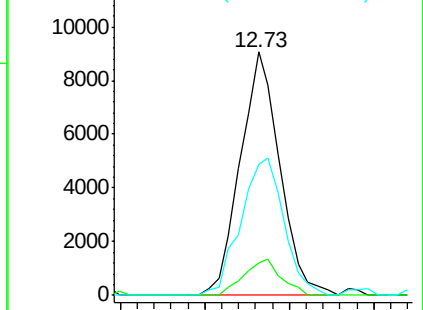
85 61.4 32.4 97.2



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: 8.911 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD066122.D

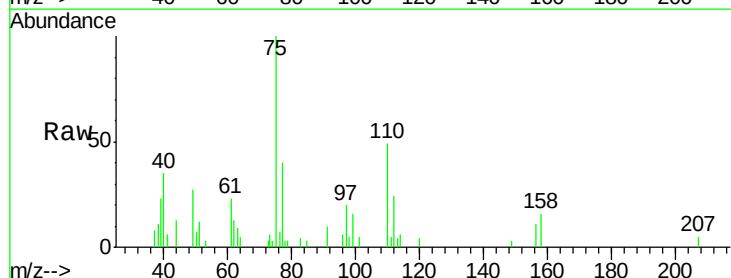
Acq: 05 Aug 2020 10:35

Tgt Ion: 75 Resp: 17639

Ion Ratio Lower Upper

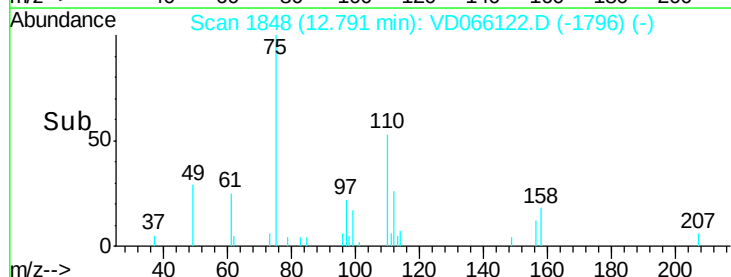
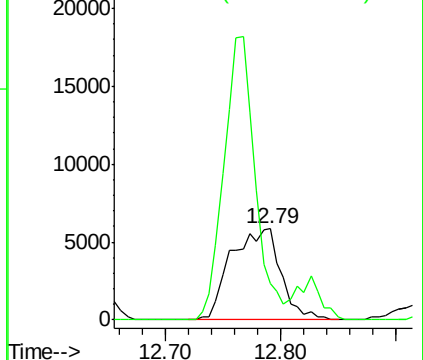
75 100

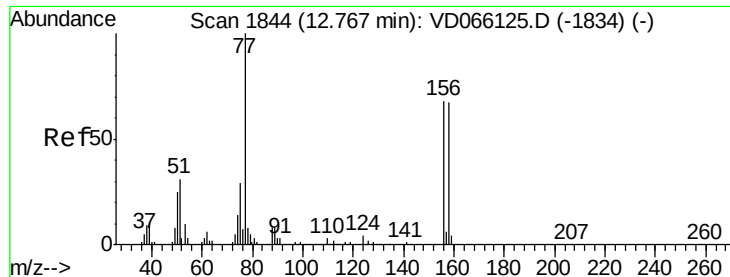
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 5.054 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

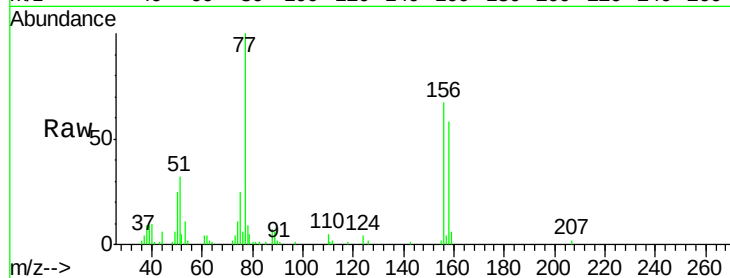
Tgt Ion:156 Resp: 21115

Ion Ratio Lower Upper

156 100

77 161.5 81.0 243.1

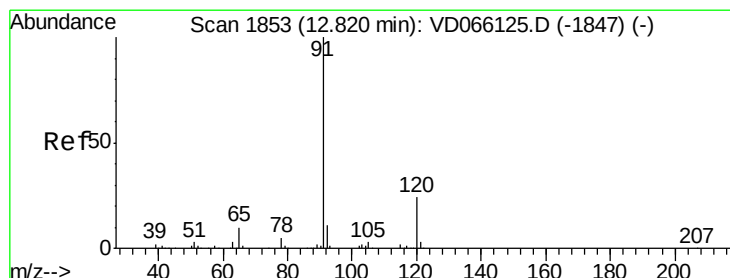
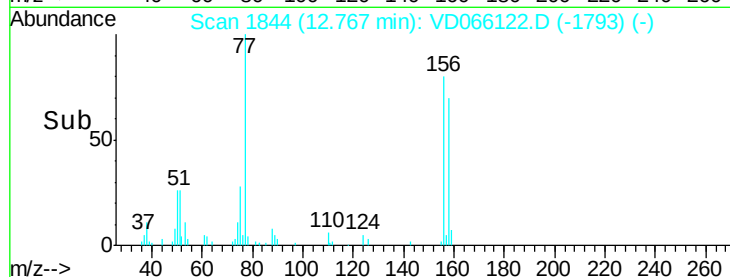
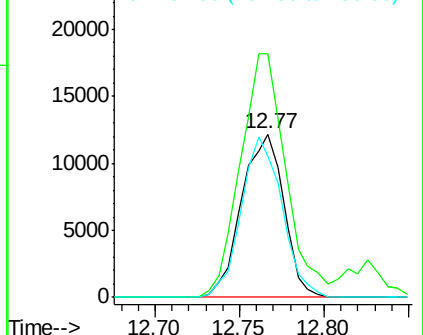
158 95.7 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.923 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066122.D

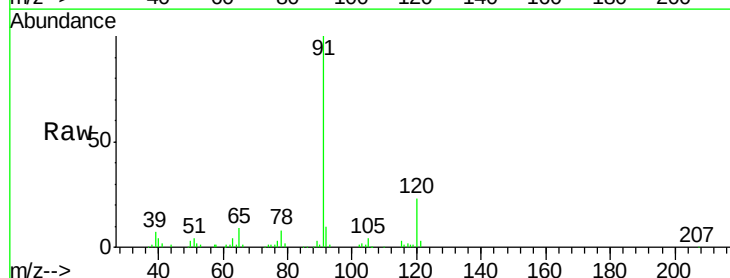
Acq: 05 Aug 2020 10:35

Tgt Ion: 91 Resp: 92541

Ion Ratio Lower Upper

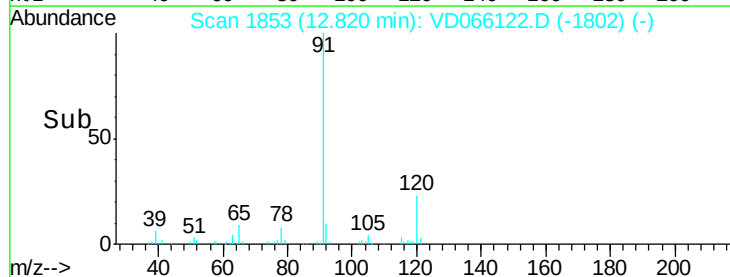
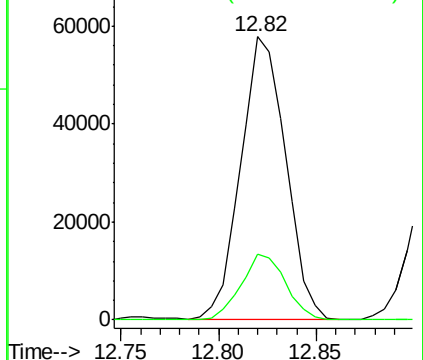
91 100

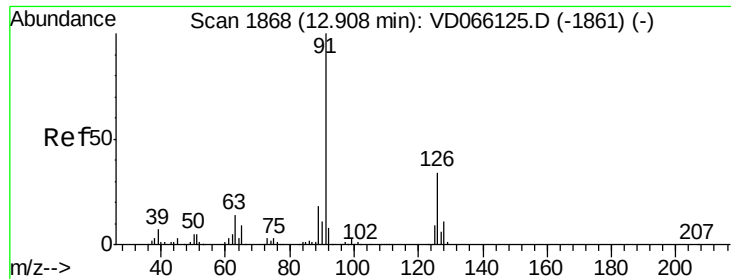
120 22.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

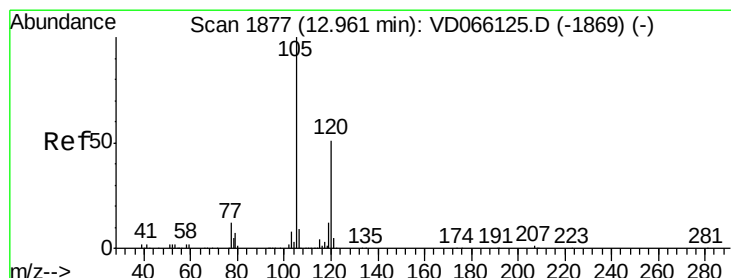
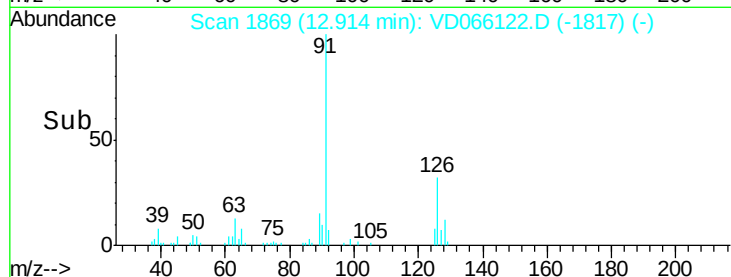
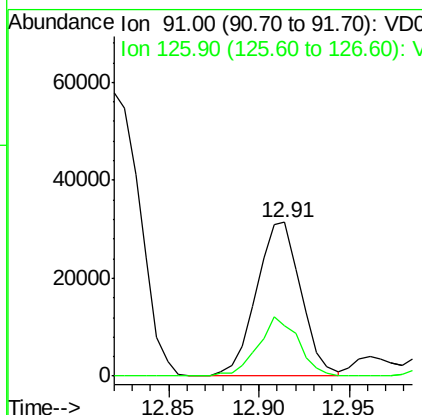
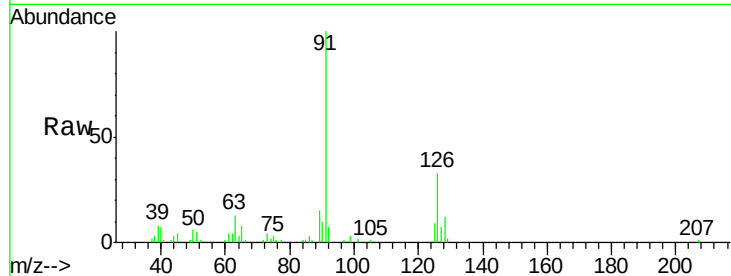




#79
 2-Chlorotoluene
 Concen: 5.015 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

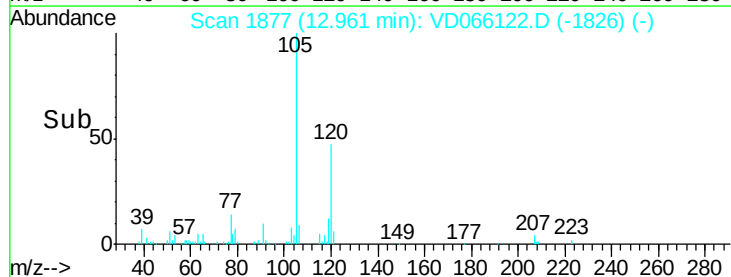
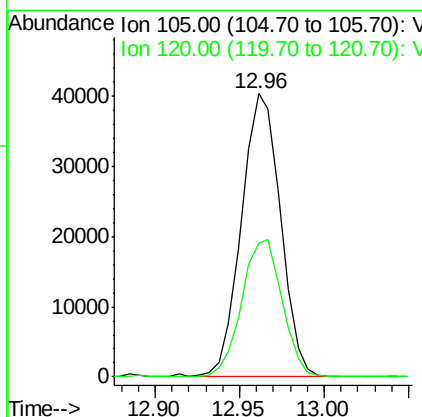
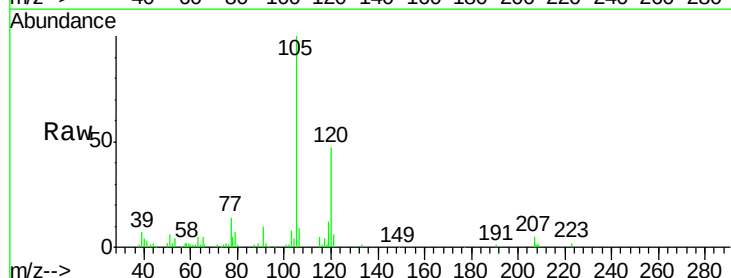
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

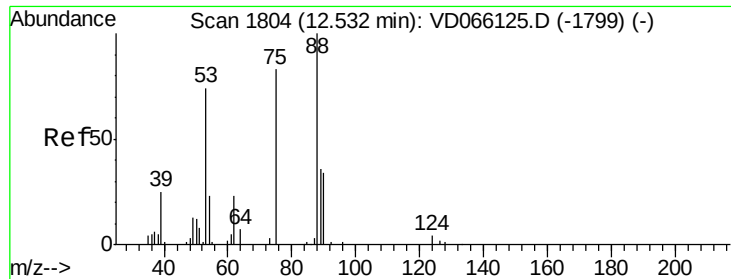
Tgt Ion: 91 Resp: 54056
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 4.834 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 105 Resp: 65154
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.3 75.8

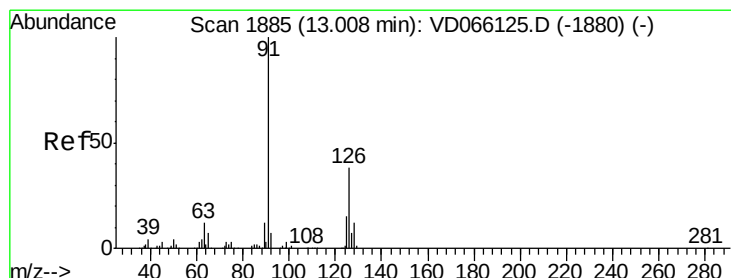
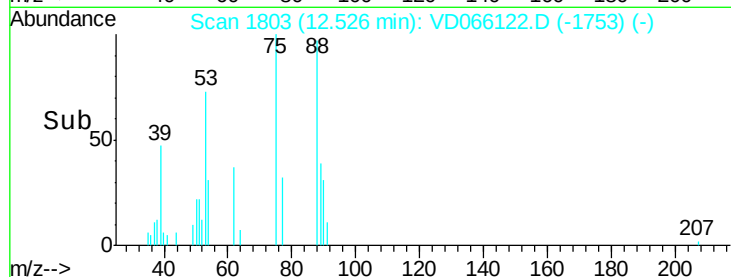
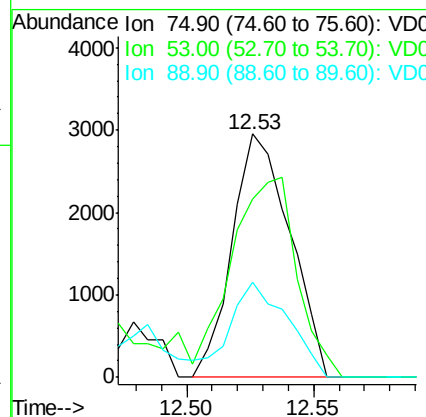
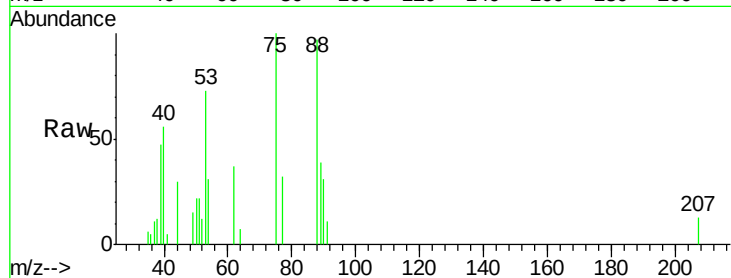




#81
trans-1,4-Dichloro-2-butene
Concen: 5.192 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

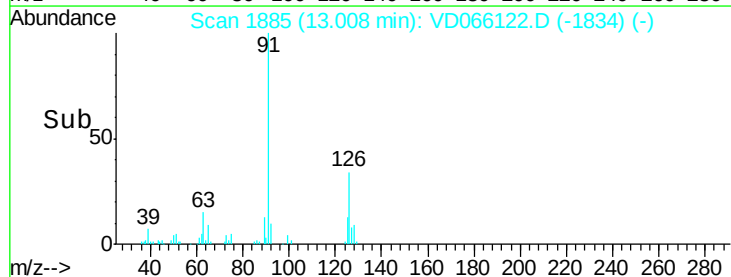
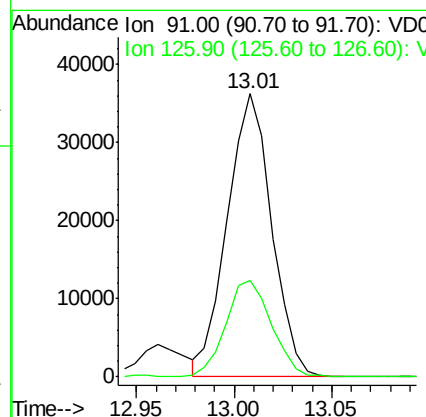
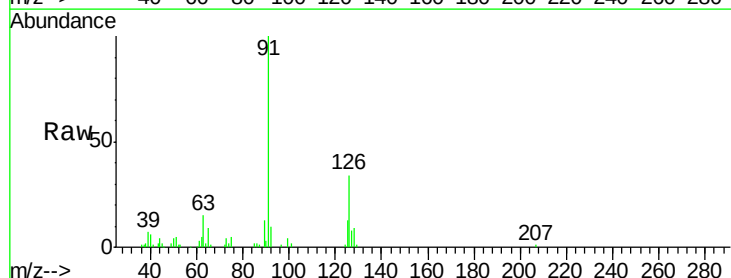
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

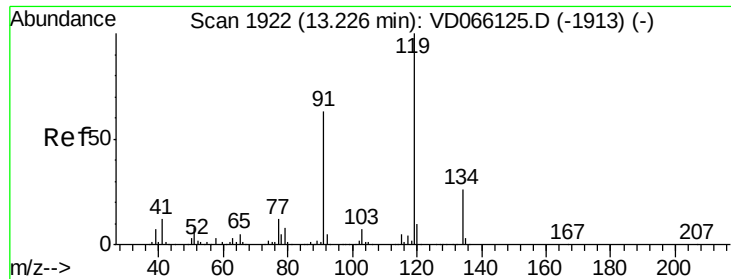
Tgt Ion: 75 Resp: 4694
Ion Ratio Lower Upper
75 100
53 92.7 73.4 110.2
89 39.2 36.6 55.0



#82
4-Chlorotoluene
Concen: 5.003 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 91 Resp: 57122
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.3

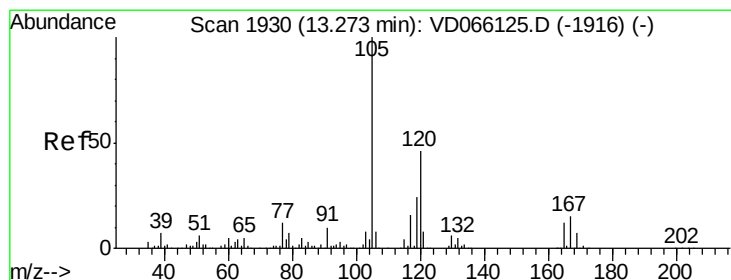
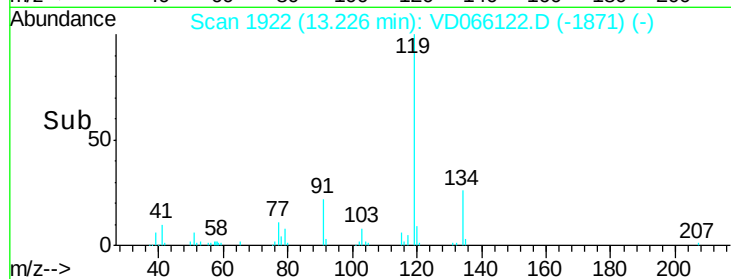
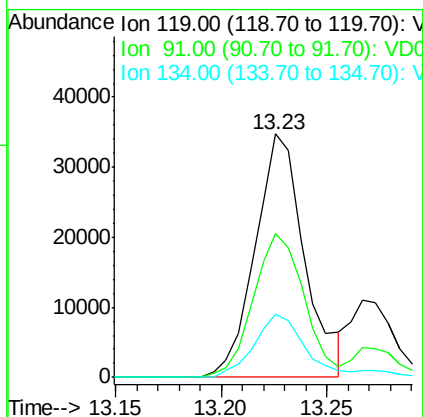
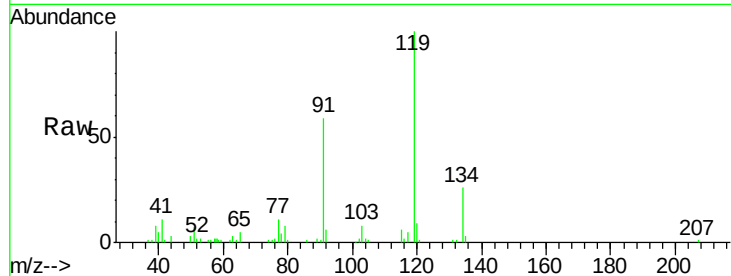




#83
 tert-Butylbenzene
 Concen: 4.805 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

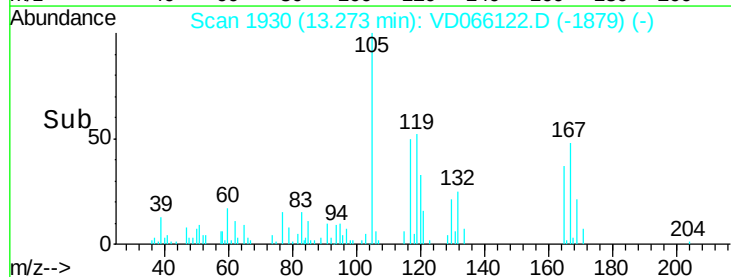
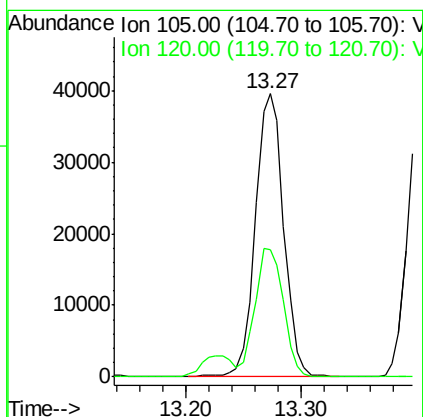
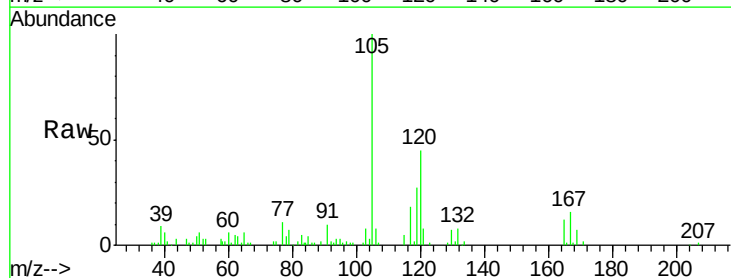
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

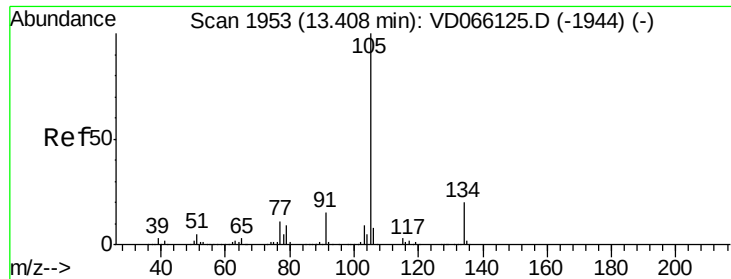
Tgt Ion:119 Resp: 56699
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.8 92.4
 134 26.2 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.975 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion:105 Resp: 67441
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 4.787 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

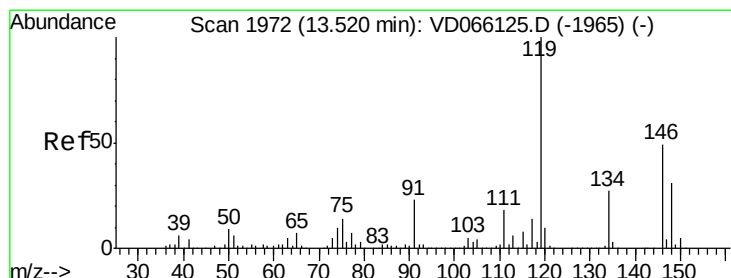
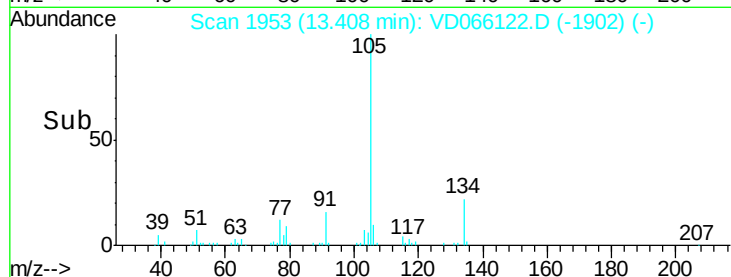
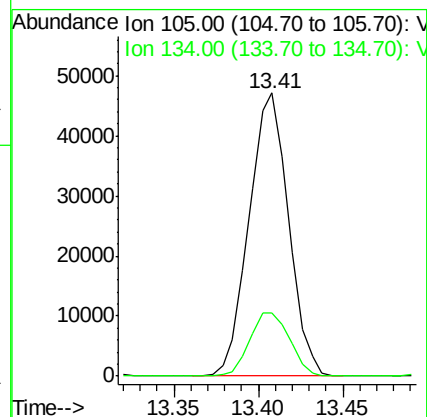
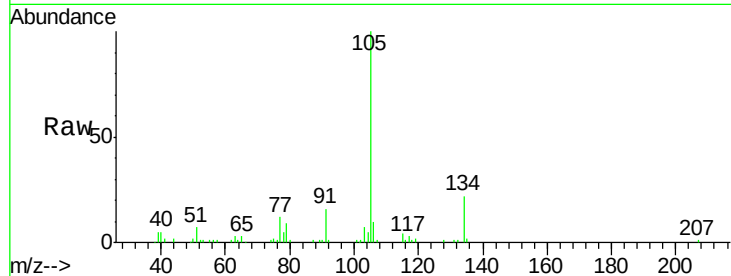
VSTDIC005

Tgt Ion:105 Resp: 76586

Ion Ratio Lower Upper

105 100

134 22.7 10.4 31.4



#86

p-Isopropyltoluene

Concen: 4.823 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066122.D

Acq: 05 Aug 2020 10:35

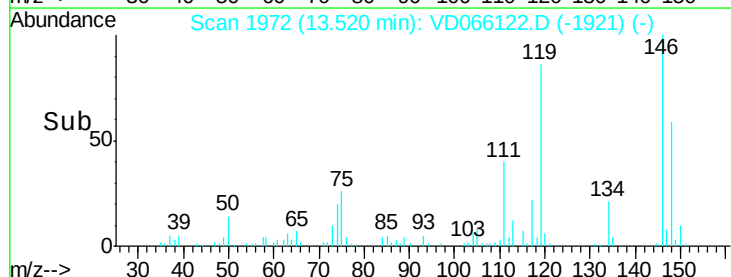
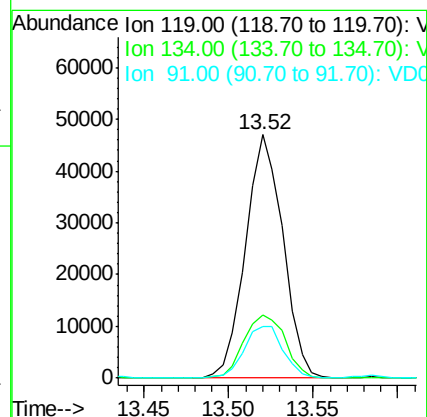
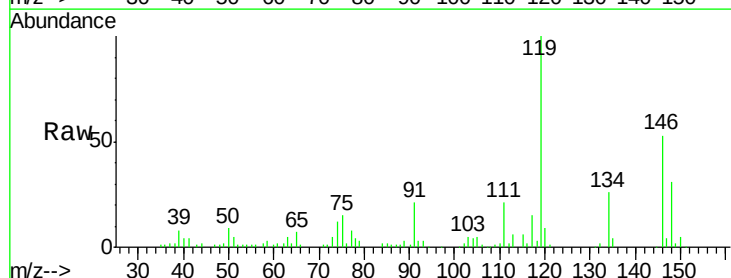
Tgt Ion:119 Resp: 72570

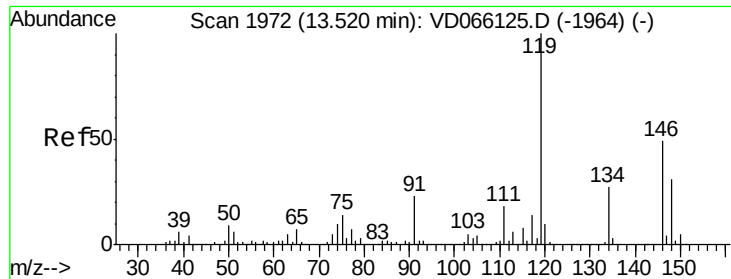
Ion Ratio Lower Upper

119 100

134 28.9 13.5 40.4

91 22.6 11.2 33.5

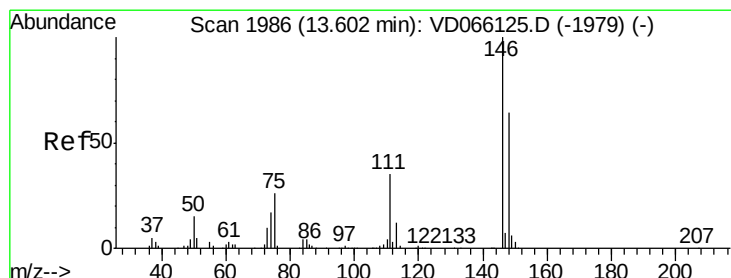
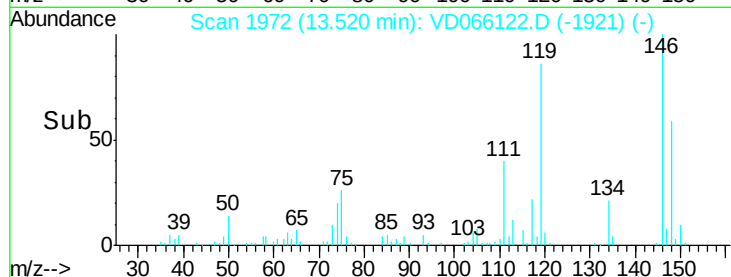
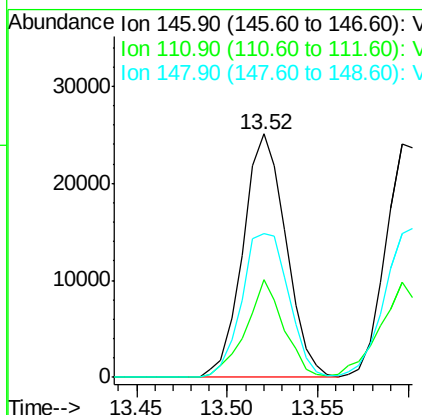
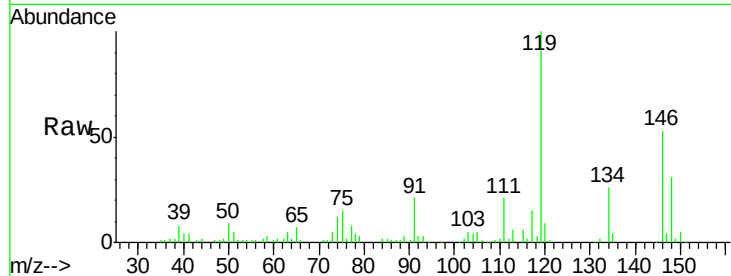




#87
 1,3-Dichlorobenzene
 Concen: 5.195 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

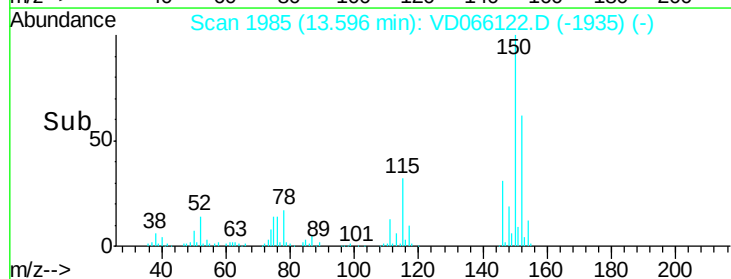
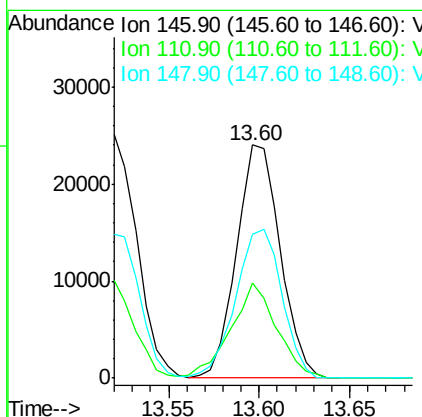
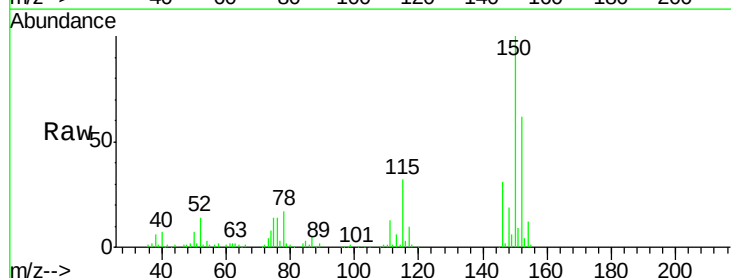
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

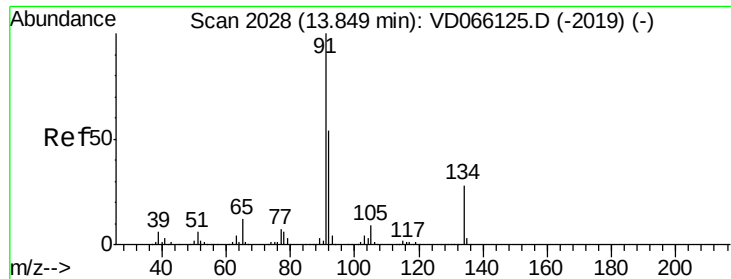
Tgt Ion:146 Resp: 41296
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.9 56.9
 148 64.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 5.107 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion:146 Resp: 40332
 Ion Ratio Lower Upper
 146 100
 111 42.8 18.6 55.8
 148 67.6 32.4 97.0

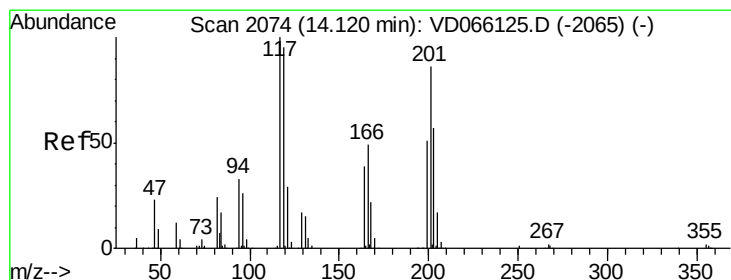
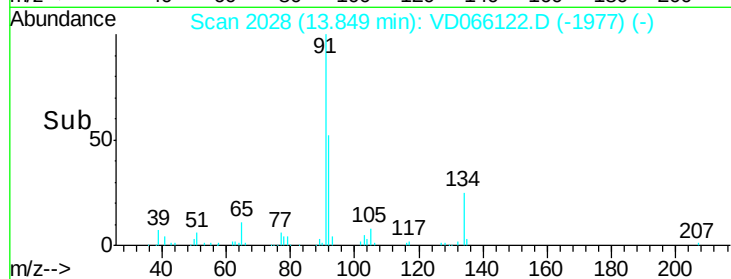
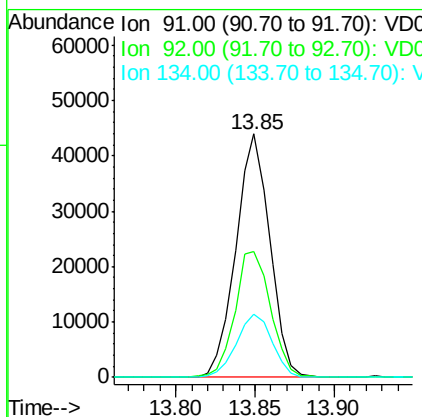
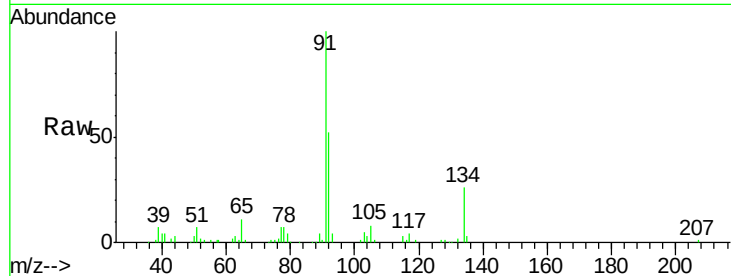




#89
n-Butylbenzene
Concen: 4.886 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

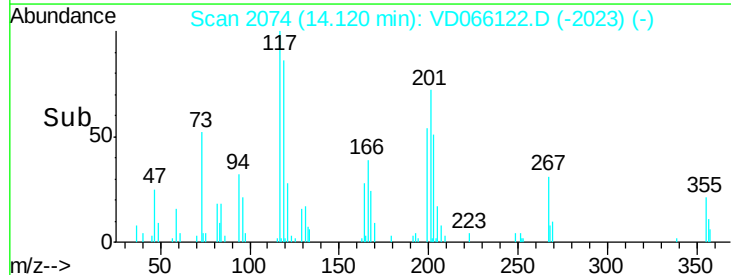
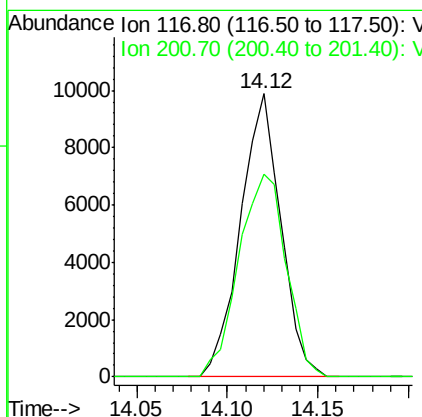
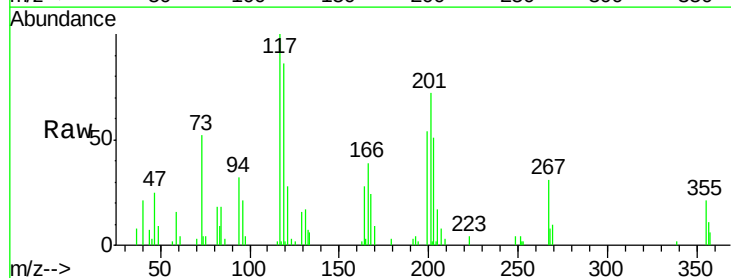
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

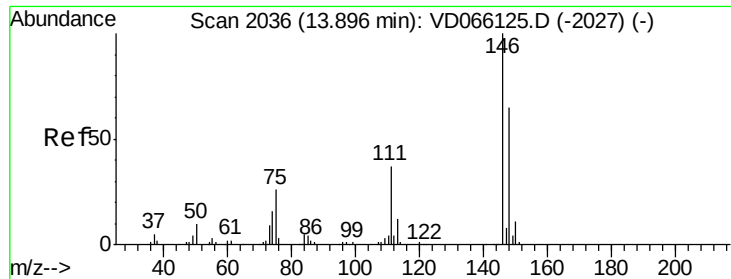
Tgt Ion: 91 Resp: 65213
Ion Ratio Lower Upper
91 100
92 54.6 26.8 80.3
134 27.3 14.0 41.9



#90
Hexachloroethane
Concen: 5.081 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 117 Resp: 15276
Ion Ratio Lower Upper
117 100
201 84.5 42.7 128.1

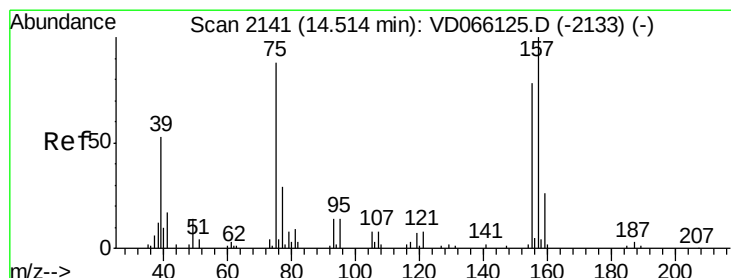
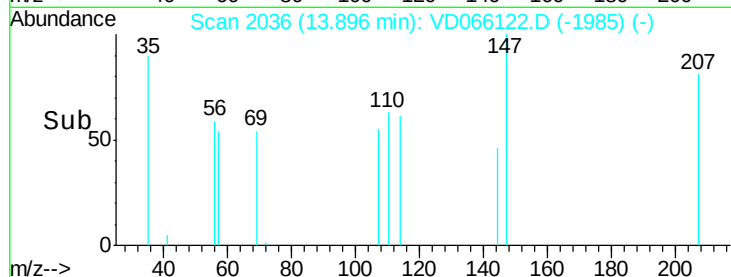
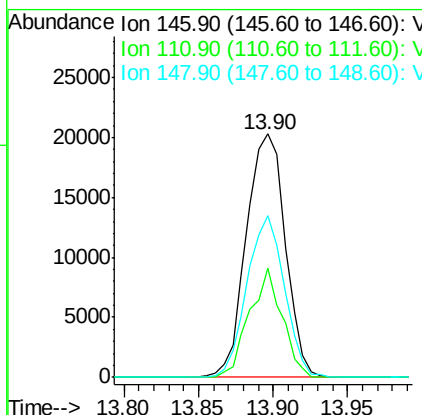
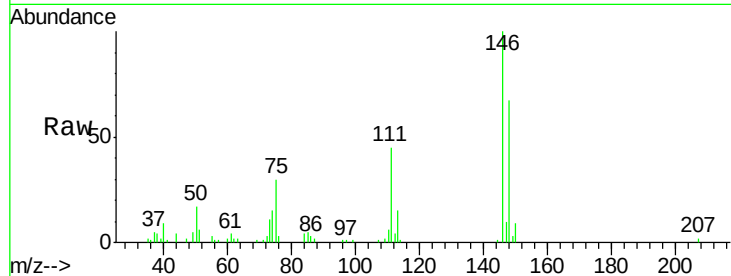




#91
 1,2-Dichlorobenzene
 Concen: 5.221 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

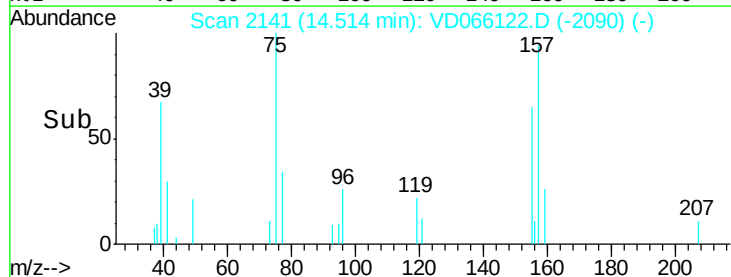
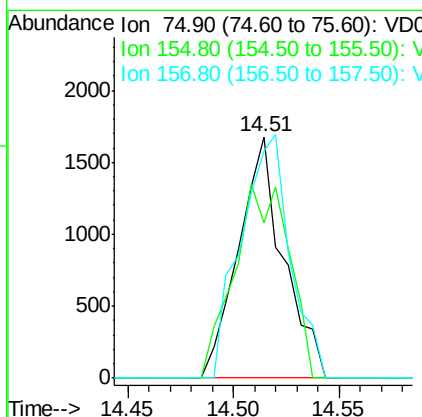
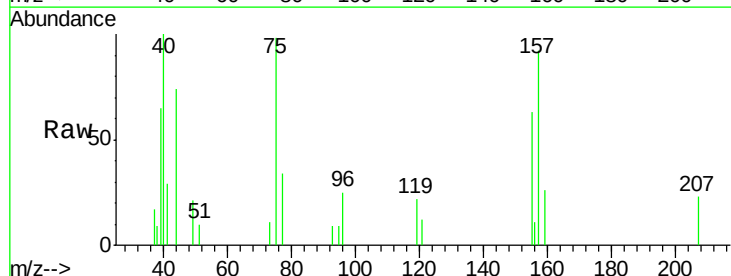
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

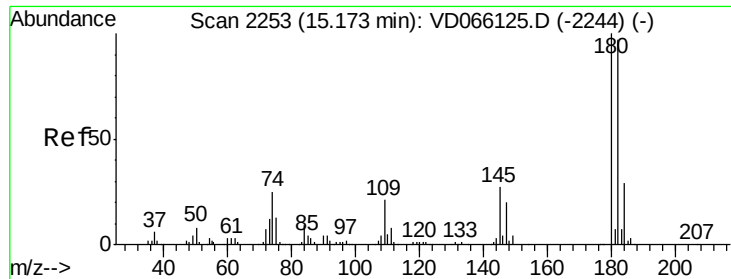
Tgt Ion: 146 Resp: 36605
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 63.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.234 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 75 Resp: 2486
 Ion Ratio Lower Upper
 75 100
 155 97.6 47.7 143.1
 157 110.9 62.1 186.2

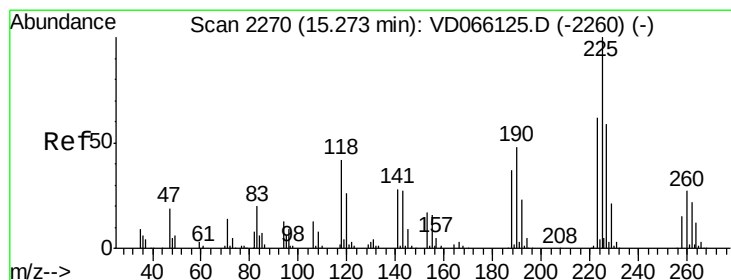
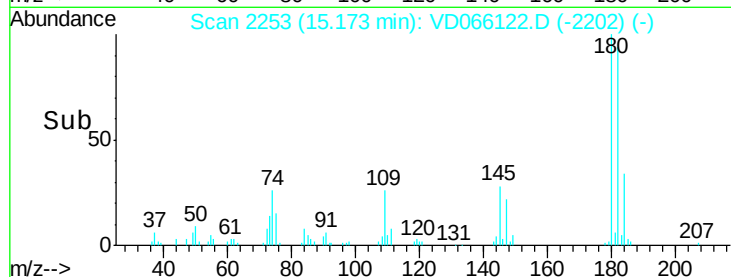
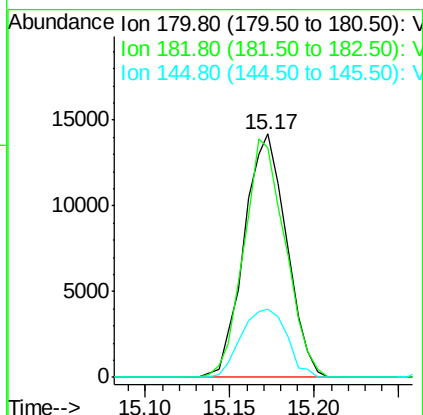
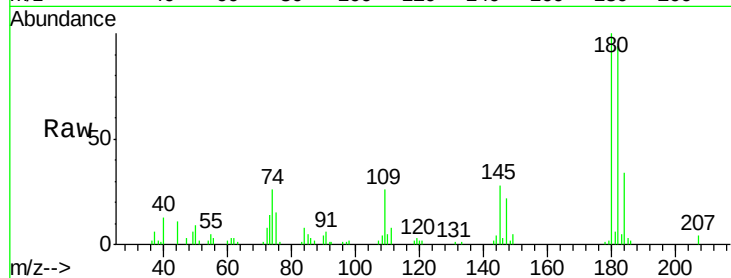




#93
 1,2,4-Trichlorobenzene
 Concen: 4.938 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

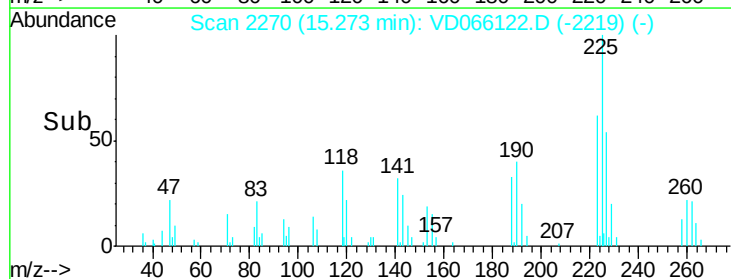
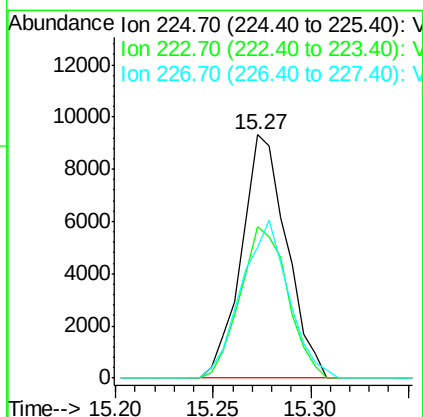
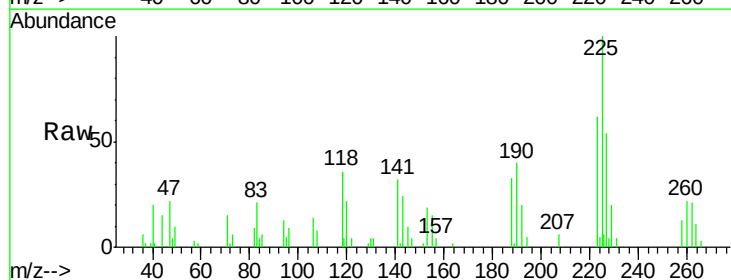
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

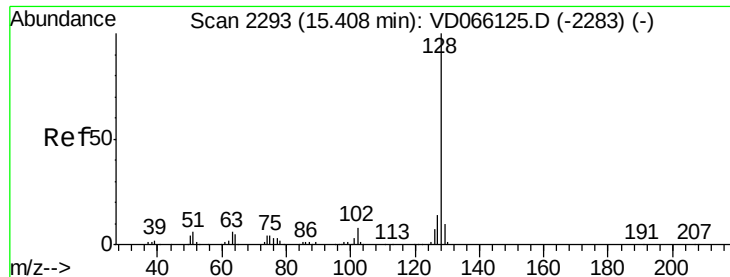
Tgt Ion:180 Resp: 24847
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.4 142.2
 145 30.1 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 5.009 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066122.D
 Acq: 05 Aug 2020 10:35

Tgt Ion:225 Resp: 14964
 Ion Ratio Lower Upper
 225 100
 223 65.2 32.3 96.9
 227 67.6 32.1 96.5

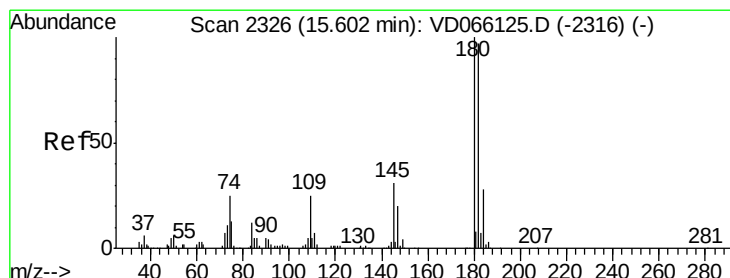
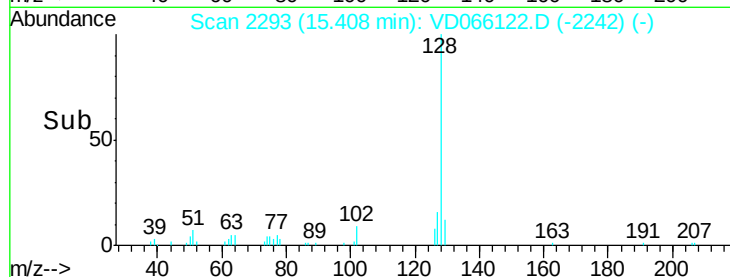
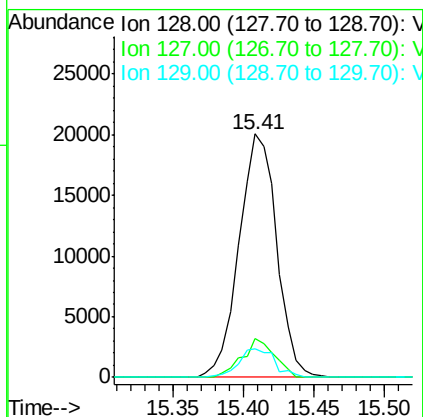
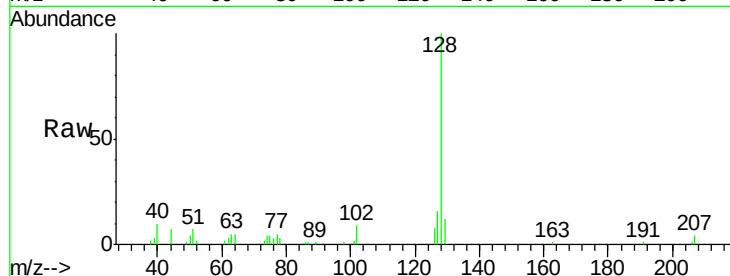




#95
Naphthalene
Concen: 4.714 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 37416
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 11.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 5.087 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066122.D
Acq: 05 Aug 2020 10:35

Tgt Ion:180 Resp: 22667
Ion Ratio Lower Upper
180 100
182 93.3 47.1 141.4
145 27.9 14.9 44.9

