

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081220\
 Data File : VD066200.D
 Acq On : 12 Aug 2020 13:12
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 12 16:02:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	299276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	423270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	390927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	204275	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	140863	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	7.91	113	138258	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	10.33	98	516392	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.63	95	183336	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	121251	45.985 ug/l	98
3) Chloromethane	2.20	50	83675	40.795 ug/l	96
4) Vinyl Chloride	2.34	62	87039	47.932 ug/l	100
5) Bromomethane	2.76	94	57672	47.870 ug/l	97
6) Chloroethane	2.91	64	54587	48.972 ug/l	96
7) Trichlorofluoromethane	3.27	101	244721	51.693 ug/l	95
8) Diethyl Ether	3.70	74	66241	49.589 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	144940	51.588 ug/l	99
10) Methyl Iodide	4.29	142	140111	54.135 ug/l	98
11) Tert butyl alcohol	5.21	59	51318	258.723 ug/l #	90
12) 1,1-Dichloroethene	4.06	96	130063	49.073 ug/l	97
13) Acrolein	3.92	56	43815	206.163 ug/l	94
14) Allyl chloride	4.71	41	195223	48.619 ug/l	96
15) Acrylonitrile	5.41	53	146668	260.559 ug/l	100
16) Acetone	4.16	43	159256	314.355 ug/l	97
17) Carbon Disulfide	4.40	76	382117	45.344 ug/l	98
18) Methyl Acetate	4.71	43	60511	47.024 ug/l	99
19) Methyl tert-butyl Ether	5.47	73	318546	52.436 ug/l	99
20) Methylene Chloride	4.96	84	148035	50.972 ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	151590	49.788 ug/l	96
22) Diisopropyl ether	6.35	45	395748	49.840 ug/l	93
23) Vinyl Acetate	6.30	43	1225439	263.434 ug/l	100
24) 1,1-Dichloroethane	6.26	63	249487	50.771 ug/l	98
25) 2-Butanone	7.20	43	196535	263.759 ug/l	98
26) 2,2-Dichloropropane	7.20	77	242848	55.139 ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	165856	51.935 ug/l	99
28) Bromochloromethane	7.54	49	89978	52.133 ug/l	98
29) Tetrahydrofuran	7.56	42	117932	255.453 ug/l	99
30) Chloroform	7.70	83	269183	52.169 ug/l	96
31) Cyclohexane	7.97	56	216675	46.321 ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	261068	53.963 ug/l	99
36) 1,1-Dichloropropene	8.10	75	210211	52.851 ug/l	100
37) Ethyl Acetate	7.28	43	84014	53.311 ug/l	99
38) Carbon Tetrachloride	8.08	117	245776	55.411 ug/l	92

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	254148	52.858	ug/l	98
40) Benzene	8.34	78	562700	50.998	ug/l	97
41) Methacrylonitrile	7.56	41	120355	129.890	ug/l #	21
42) 1,2-Dichloroethane	8.41	62	177068	54.627	ug/l	99
43) Isopropyl Acetate	8.44	43	165234	53.215	ug/l	100
44) Trichloroethene	9.10	130	173346	52.136	ug/l	95
45) 1,2-Dichloropropane	9.38	63	136670	50.645	ug/l	99
46) Dibromomethane	9.47	93	80491	54.150	ug/l	99
47) Bromodichloromethane	9.66	83	211844	53.923	ug/l	95
48) Methyl methacrylate	9.45	41	78651	49.607	ug/l	86
49) 1,4-Dioxane	9.46	88	20148	1055.033	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	433291	271.669	ug/l	99
52) Toluene	10.40	92	385616	53.112	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	203776	54.656	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	235319	53.871	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	108394	50.642	ug/l	96
56) Ethyl methacrylate	10.66	69	141756	55.131	ug/l	99
57) 1,3-Dichloropropane	10.94	76	190048	53.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	330672	285.905	ug/l	100
59) 2-Hexanone	10.98	43	320087	285.959	ug/l	96
60) Dibromochloromethane	11.14	129	160046	54.161	ug/l	98
61) 1,2-Dibromoethane	11.24	107	110103	53.488	ug/l	98
64) Tetrachloroethene	10.87	164	156732	52.211	ug/l	98
65) Chlorobenzene	11.67	112	420248	52.955	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	163961	52.804	ug/l	98
67) Ethyl Benzene	11.74	91	749596	54.507	ug/l	99
68) m/p-Xylenes	11.85	106	570706	107.111	ug/l	97
69) o-Xylene	12.18	106	262482	54.155	ug/l	99
70) Styrene	12.19	104	460322	54.192	ug/l	98
71) Bromoform	12.36	173	100016	54.365	ug/l #	100
73) Isopropylbenzene	12.48	105	748208	54.871	ug/l	100
74) N-amyl acetate	12.28	43	165797	55.216	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	123798	53.243	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	164714	96.691	ug/l #	100
77) Bromobenzene	12.76	156	187584	53.440	ug/l	99
78) n-propylbenzene	12.82	91	873292	55.095	ug/l	99
79) 2-Chlorotoluene	12.91	91	485528	53.557	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	635506	55.728	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	43290	56.175	ug/l	98
82) 4-Chlorotoluene	13.00	91	525582	54.920	ug/l	99
83) tert-Butylbenzene	13.23	119	554234	55.264	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	627686	55.000	ug/l	100
85) sec-Butylbenzene	13.40	105	752755	55.594	ug/l	99
86) p-Isopropyltoluene	13.52	119	702529	55.319	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	345921	52.435	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	349596	53.136	ug/l	99
89) n-Butylbenzene	13.84	91	645210	56.705	ug/l	100
90) Hexachloroethane	14.11	117	137164	54.155	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	311122	53.326	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21981	55.005	ug/l	98

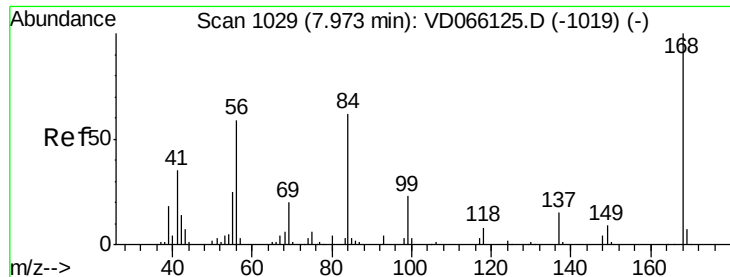
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081220\
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QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	241226	56.105	ug/l	99
94) Hexachlorobutadiene	15.27	225	144098	56.914	ug/l	99
95) Naphthalene	15.41	128	402518	57.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	209075	55.084	ug/l	99

(#) = 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: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

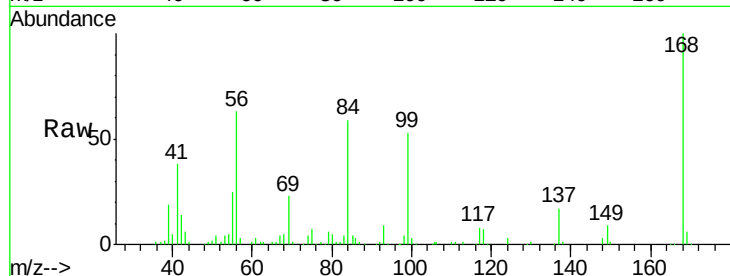
VSTDCCC050

Tgt Ion:168 Resp: 299276

Ion Ratio Lower Upper

168 100

99 52.7 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

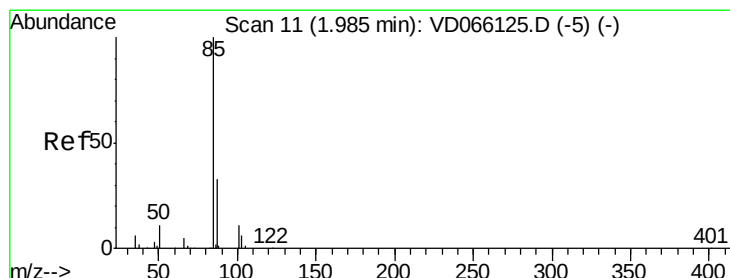
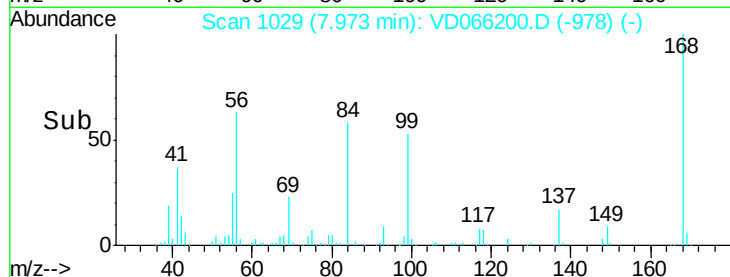
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 45.985 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066200.D

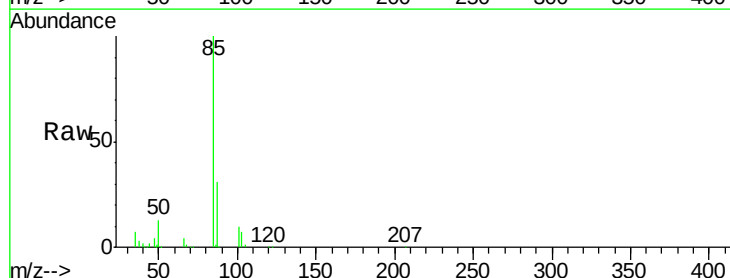
Acq: 12 Aug 2020 13:12

Tgt Ion: 85 Resp: 121251

Ion Ratio Lower Upper

85 100

87 31.5 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

100000

80000

60000

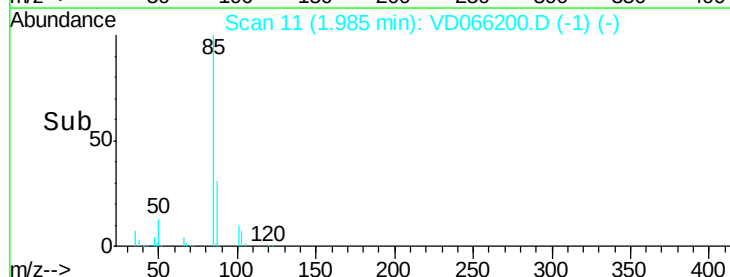
40000

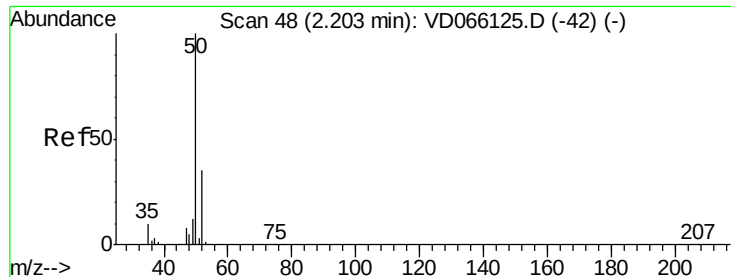
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 40.795 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

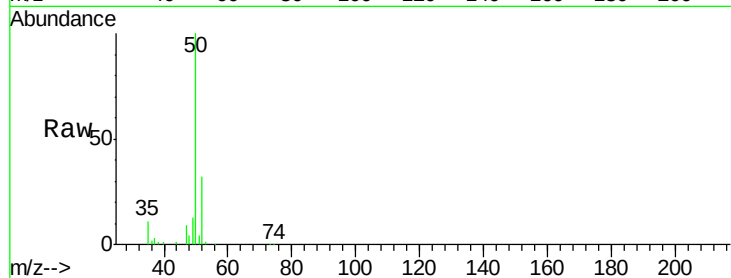
VSTDCCC050

Tgt Ion: 50 Resp: 83675

Ion Ratio Lower Upper

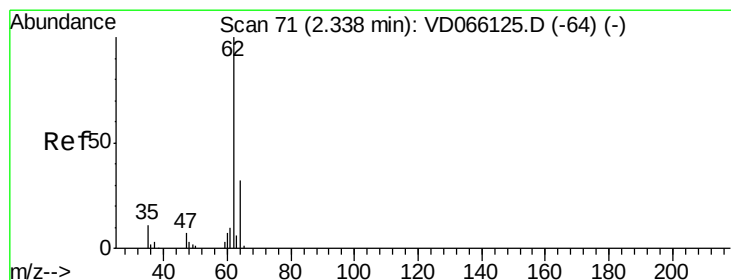
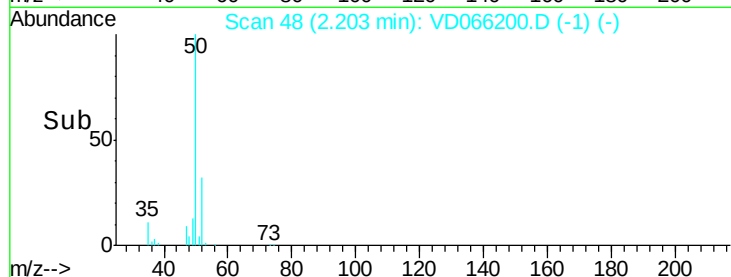
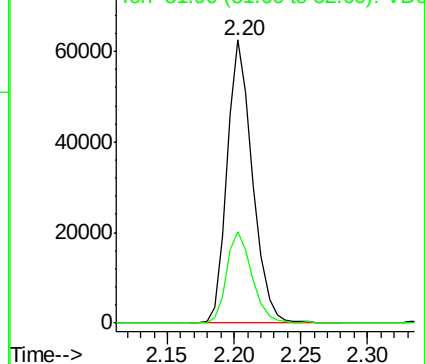
50 100

52 32.5 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: 47.932 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066200.D

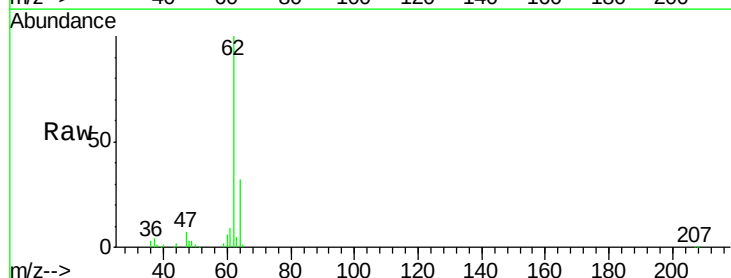
Acq: 12 Aug 2020 13:12

Tgt Ion: 62 Resp: 87039

Ion Ratio Lower Upper

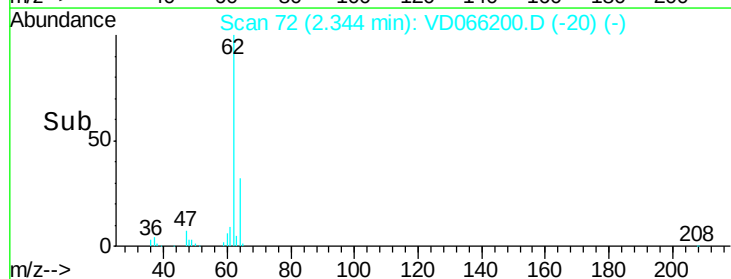
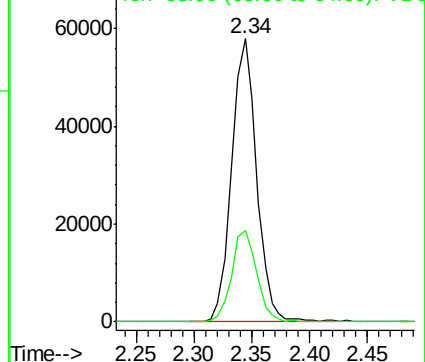
62 100

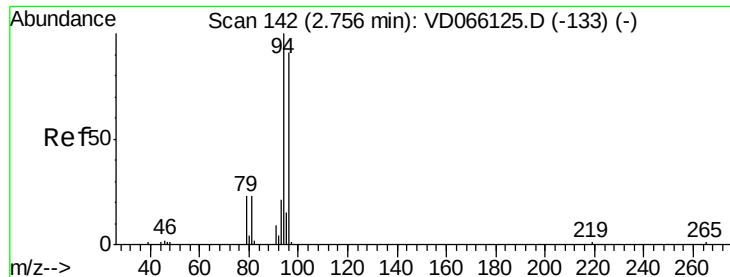
64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 47.870 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

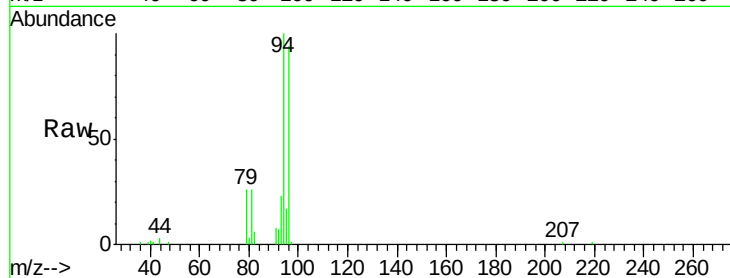
VSTDCCC050

Tgt Ion: 94 Resp: 57672

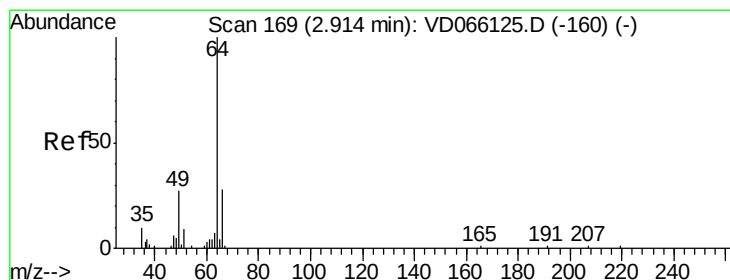
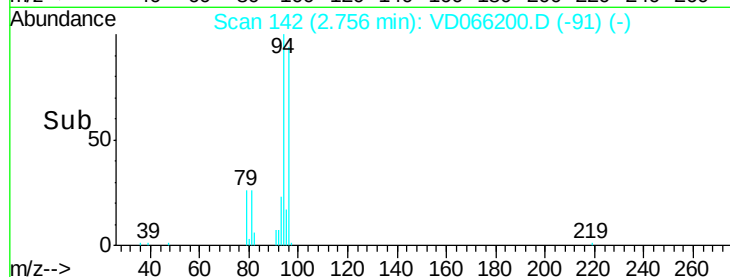
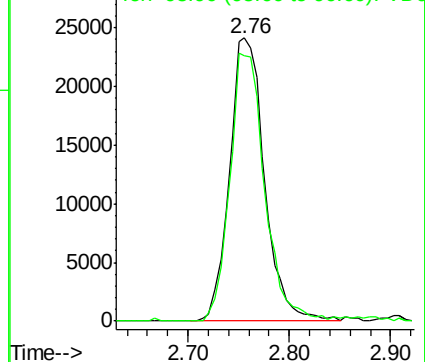
Ion Ratio Lower Upper

94 100

96 93.8 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: 48.972 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066200.D

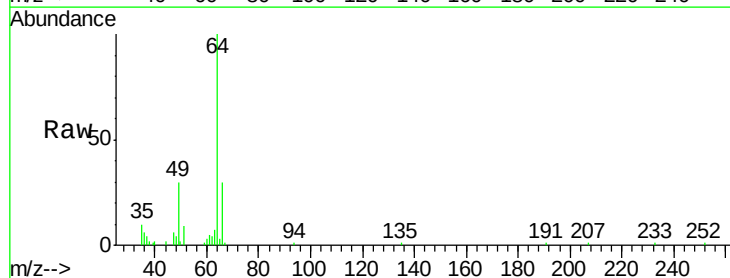
Acq: 12 Aug 2020 13:12

Tgt Ion: 64 Resp: 54587

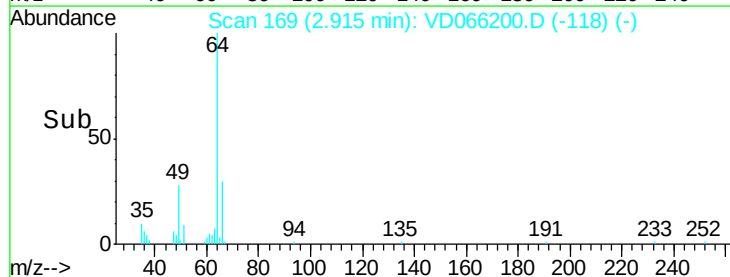
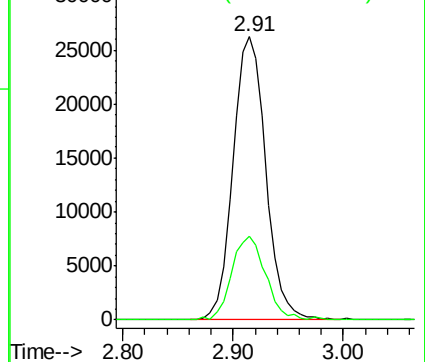
Ion Ratio Lower Upper

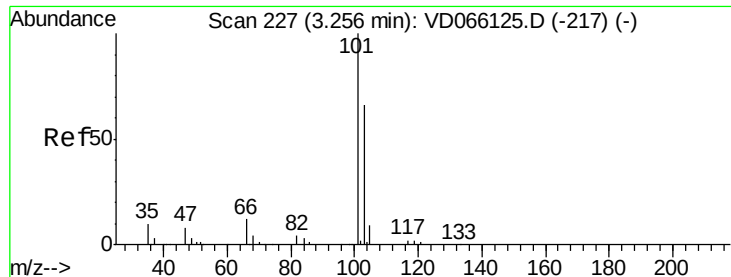
64 100

66 29.6 22.0 33.0



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



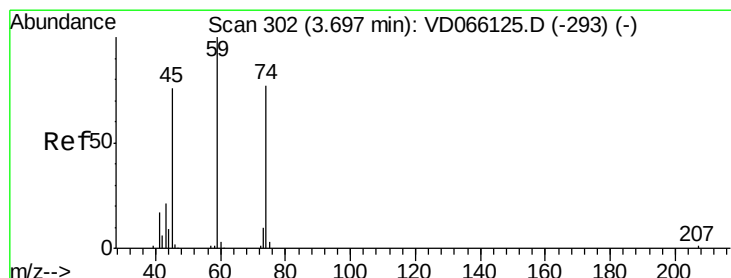
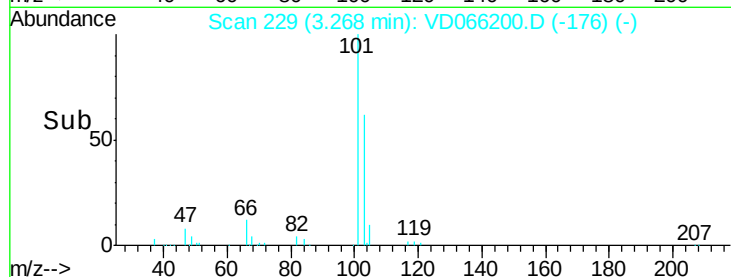
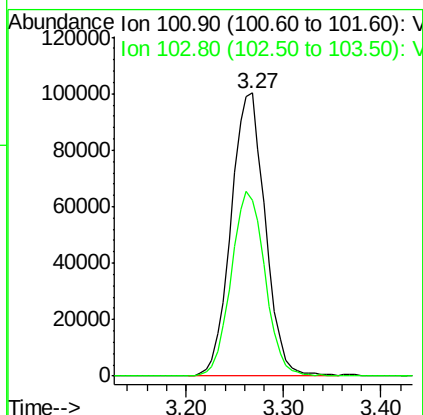
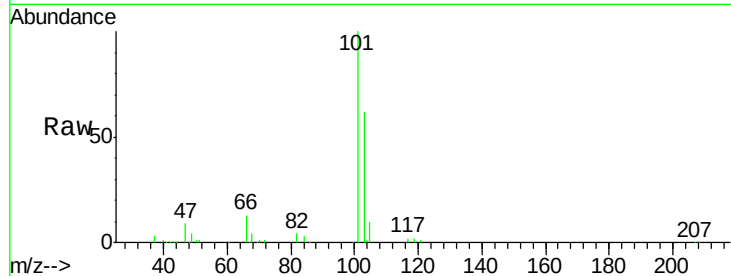


#7

Trichlorofluoromethane
 Concen: 51.693 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

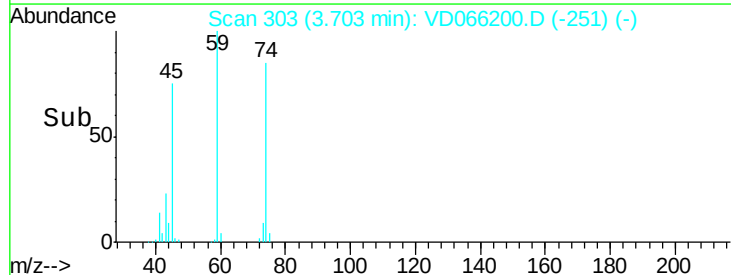
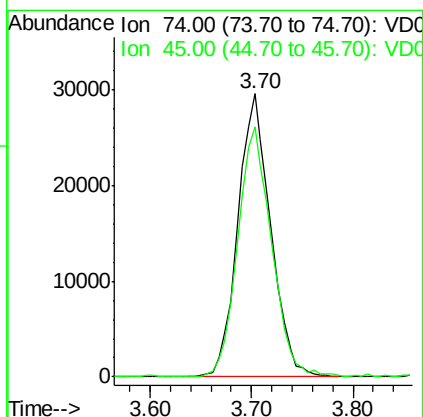
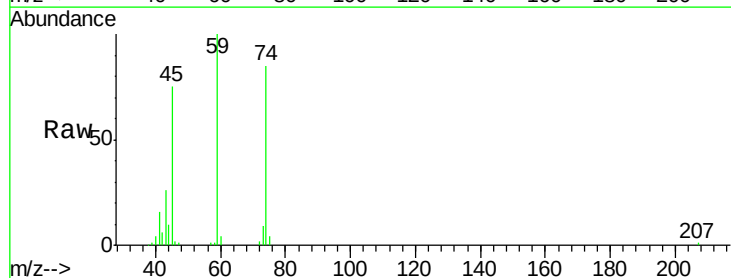
Tgt Ion:101 Resp: 244721
 Ion Ratio Lower Upper
 101 100
 103 62.0 53.0 79.6

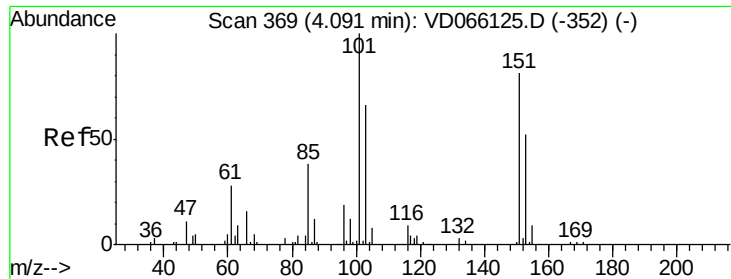


#8

Diethyl Ether
 Concen: 49.589 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion: 74 Resp: 66241
 Ion Ratio Lower Upper
 74 100
 45 91.7 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.588 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

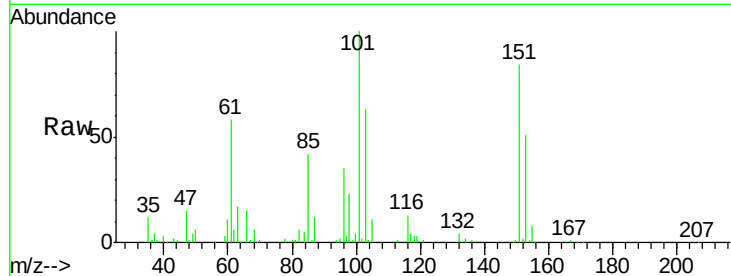
Tgt Ion:101 Resp: 144940

Ion Ratio Lower Upper

101 100

85 42.7 33.5 50.3

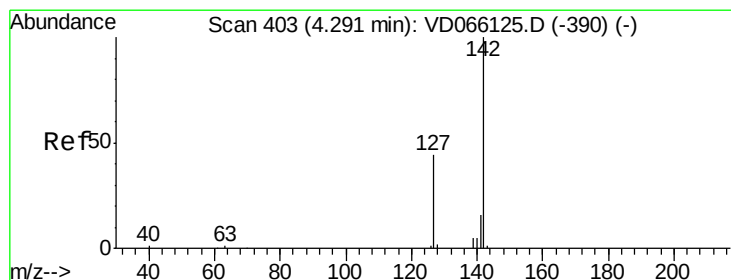
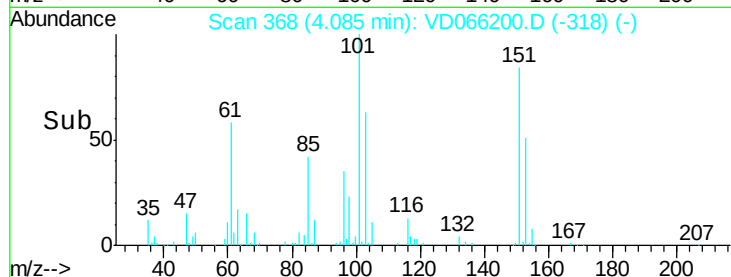
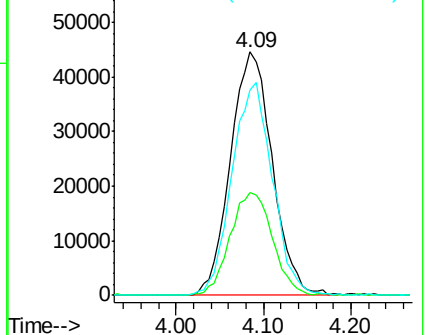
151 84.7 67.8 101.8



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: 54.135 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

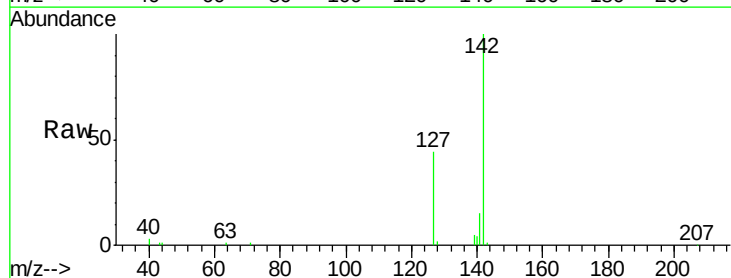
Tgt Ion:142 Resp: 140111

Ion Ratio Lower Upper

142 100

127 47.0 36.2 54.4

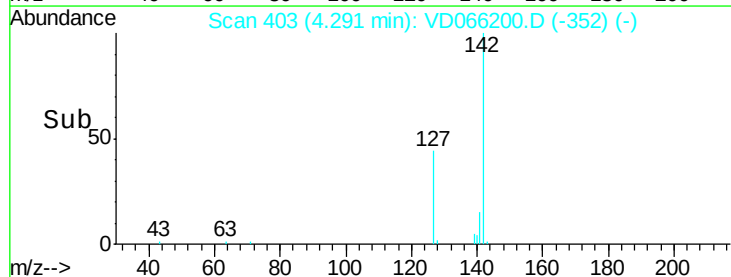
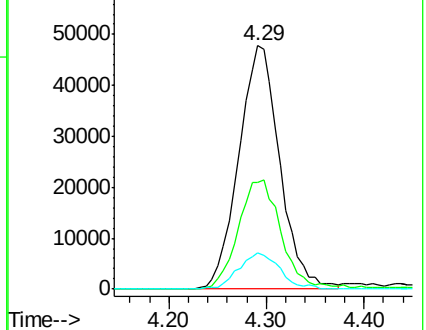
141 15.0 12.6 18.8

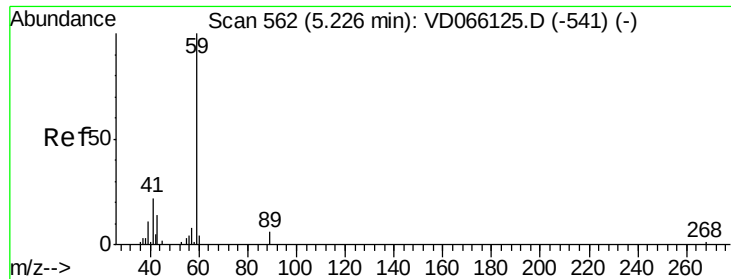


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



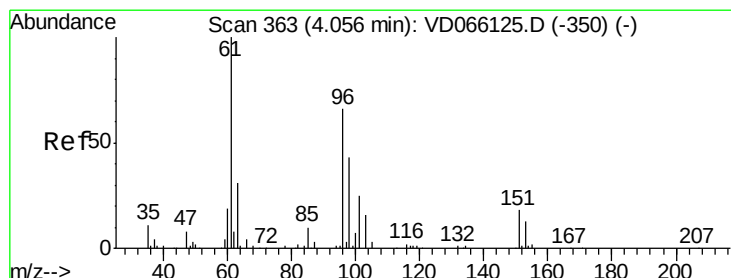
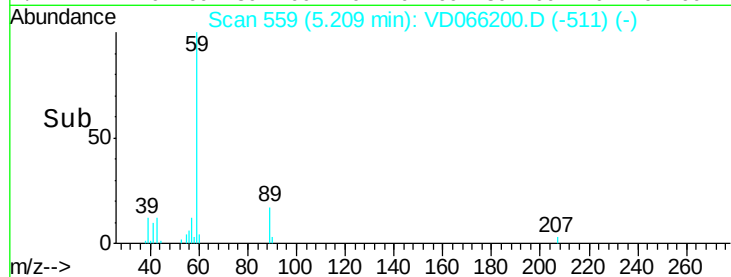
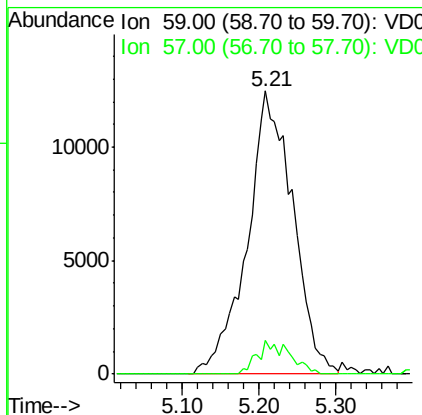
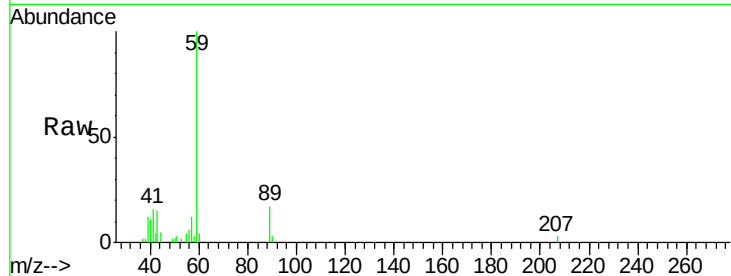


#11

Tert butyl alcohol
 Concen: 258.723 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

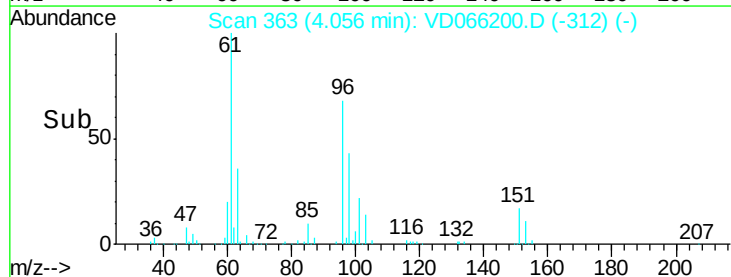
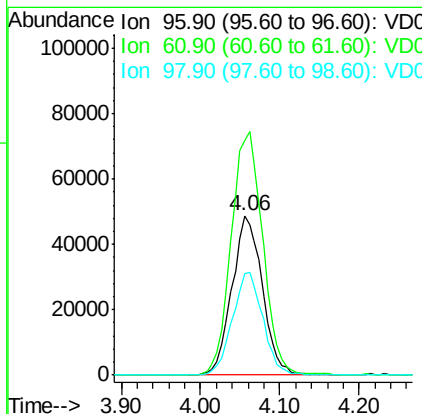
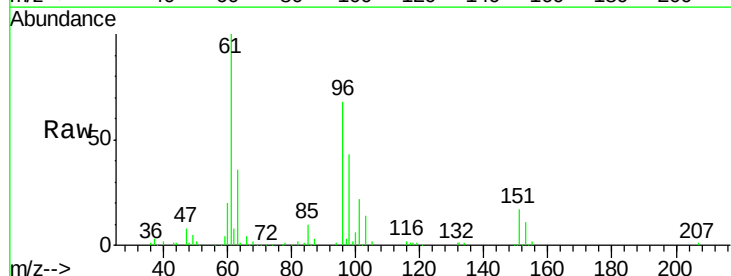
Tgt Ion: 59 Resp: 51318
 Ion Ratio Lower Upper
 59 100
 57 5.1 7.0 10.4#

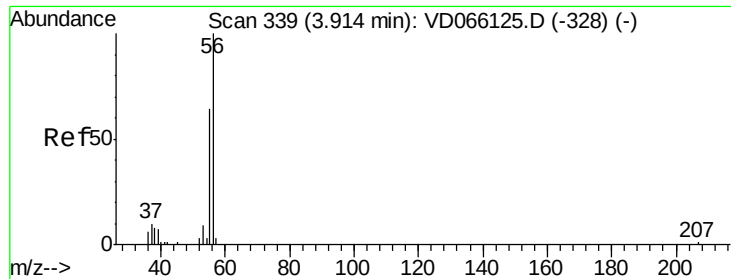


#12

1,1-Dichloroethene
 Concen: 49.073 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion: 96 Resp: 130063
 Ion Ratio Lower Upper
 96 100
 61 147.5 121.6 182.4
 98 63.5 52.0 78.0





#13

Acrolein

Concen: 206.163 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

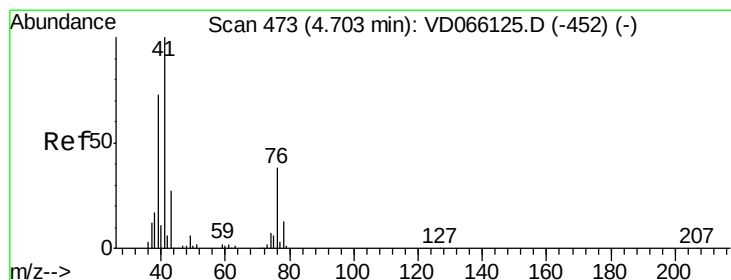
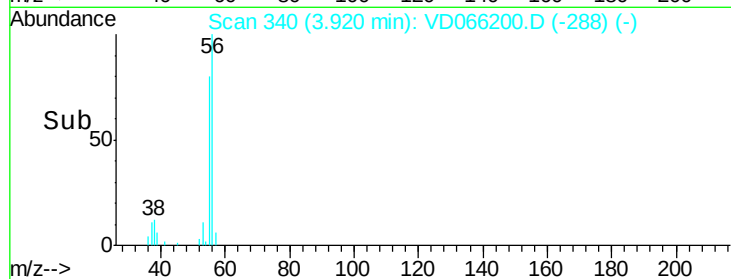
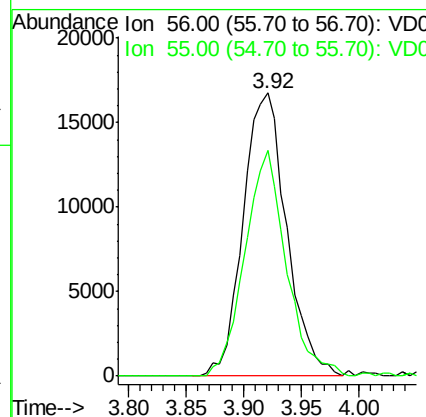
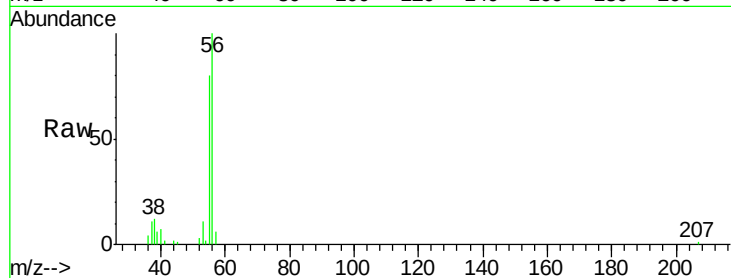
VSTDCCC050

Tgt Ion: 56 Resp: 43815

Ion Ratio Lower Upper

56 100

55 75.8 56.7 85.1



#14

Allyl chloride

Concen: 48.619 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

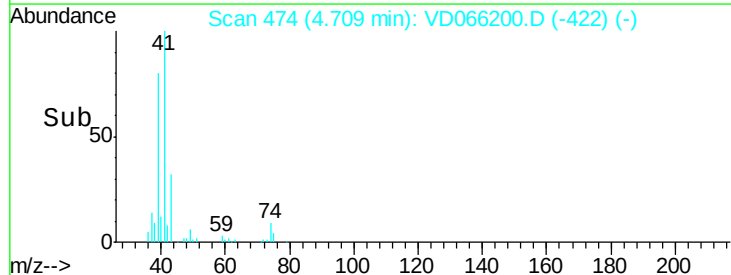
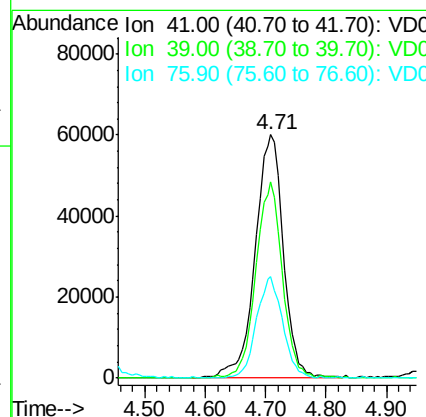
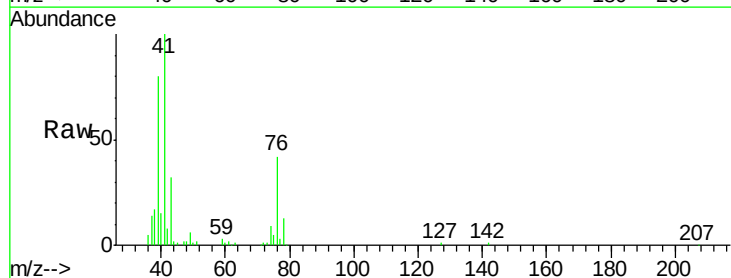
Tgt Ion: 41 Resp: 195223

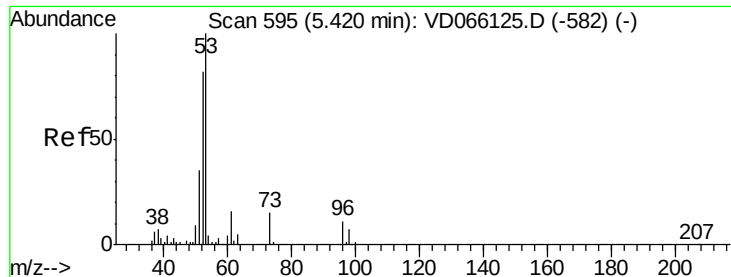
Ion Ratio Lower Upper

41 100

39 75.4 57.4 86.0

76 38.6 30.1 45.1





#15

Acrylonitrile

Concen: 260.559 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

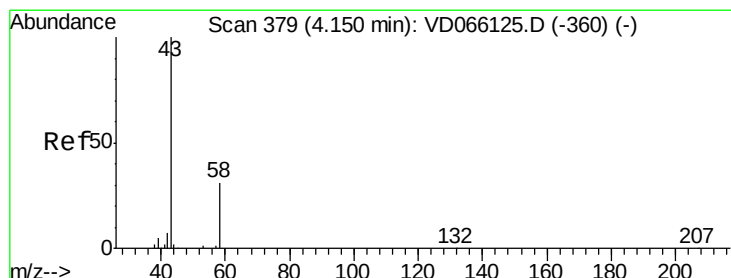
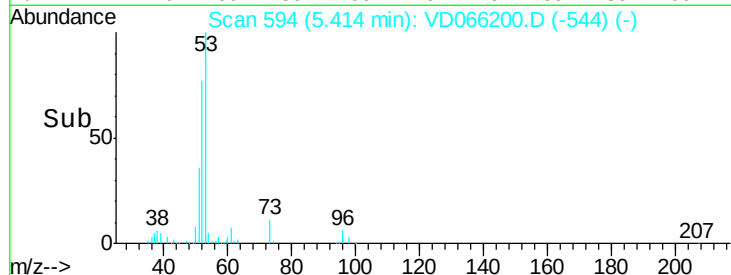
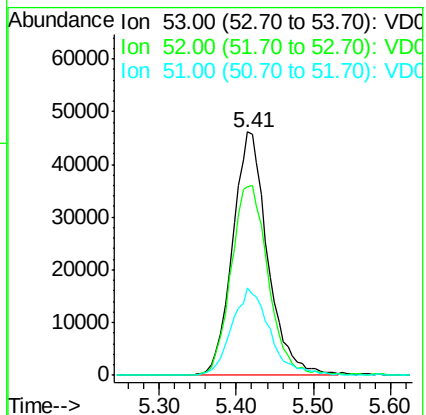
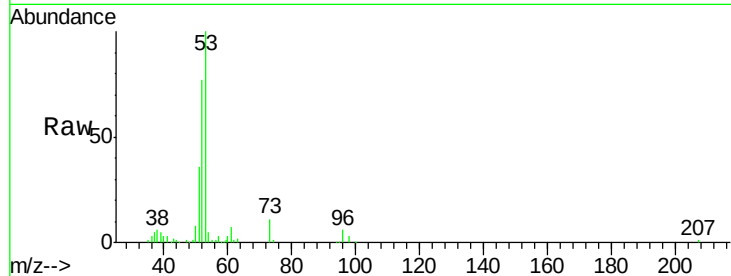
Tgt Ion: 53 Resp: 146668

Ion Ratio Lower Upper

53 100

52 82.7 66.1 99.1

51 38.6 30.8 46.2



#16

Acetone

Concen: 314.355 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066200.D

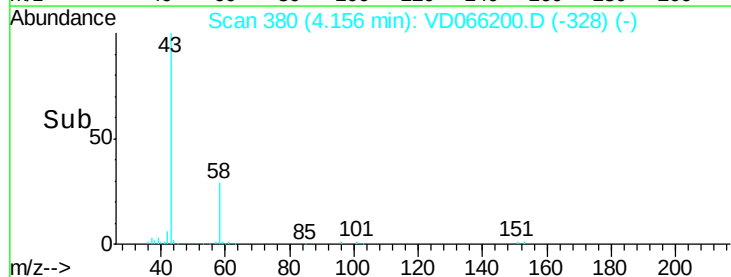
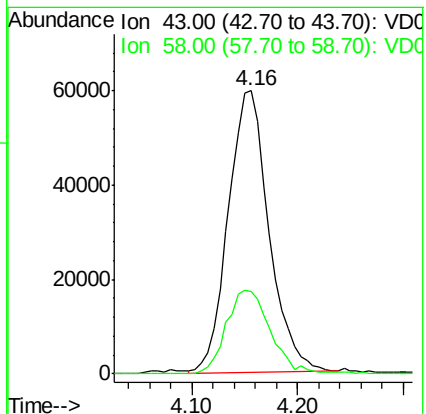
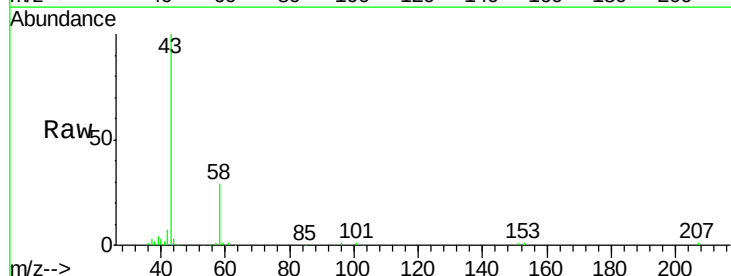
Acq: 12 Aug 2020 13:12

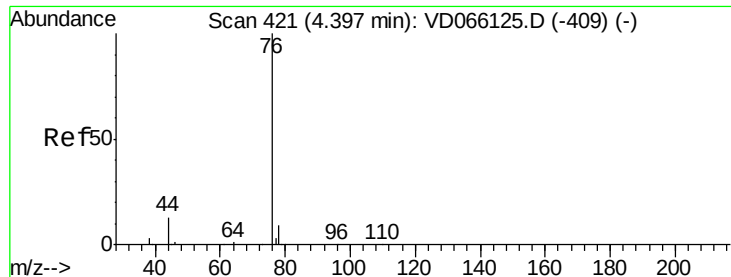
Tgt Ion: 43 Resp: 159256

Ion Ratio Lower Upper

43 100

58 29.2 24.7 37.1





#17

Carbon Disulfide

Concen: 45.344 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

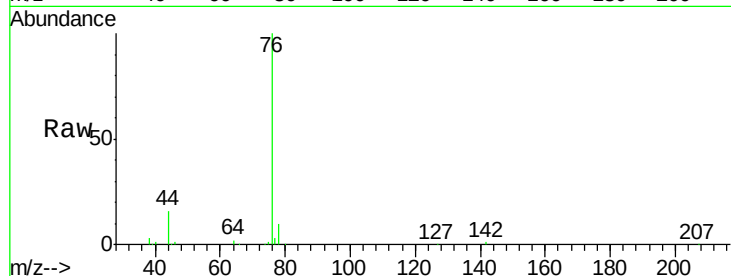
VSTDCCC050

Tgt Ion: 76 Resp: 382117

Ion Ratio Lower Upper

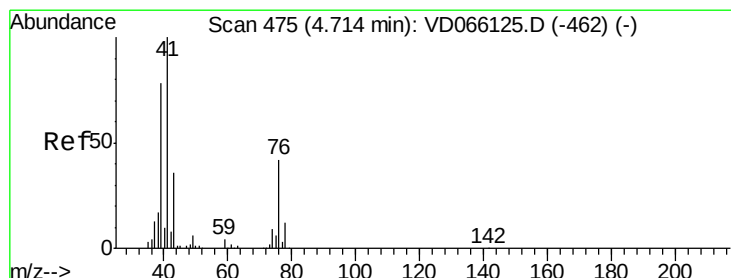
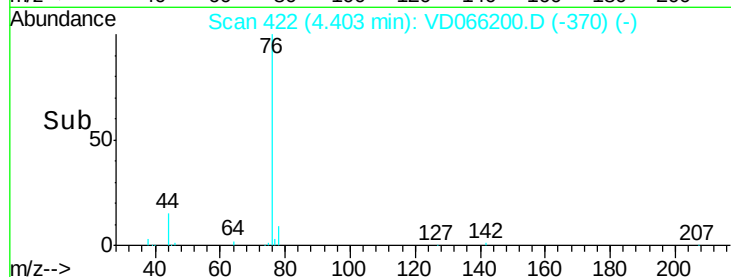
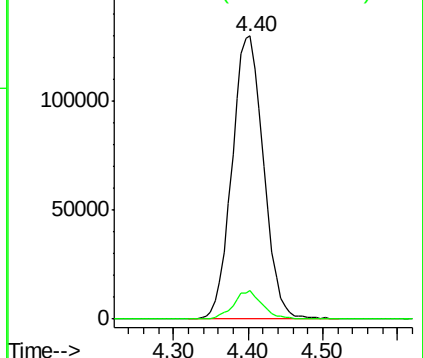
76 100

78 10.0 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: 47.024 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066200.D

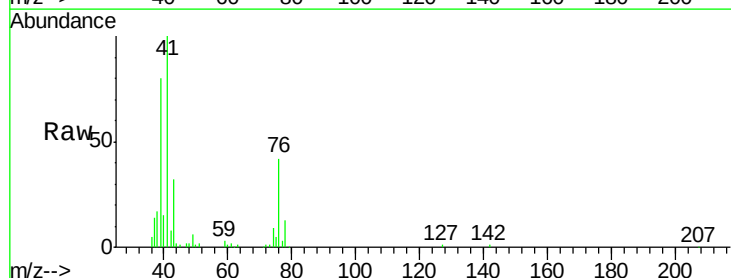
Acq: 12 Aug 2020 13:12

Tgt Ion: 43 Resp: 60511

Ion Ratio Lower Upper

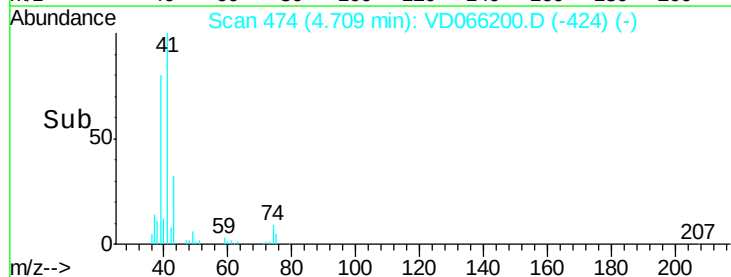
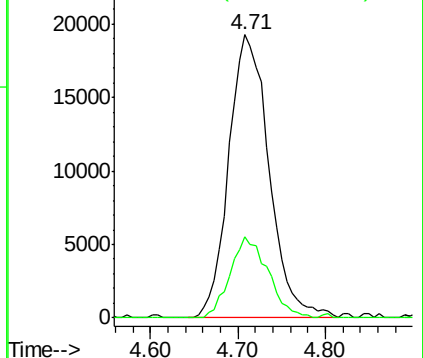
43 100

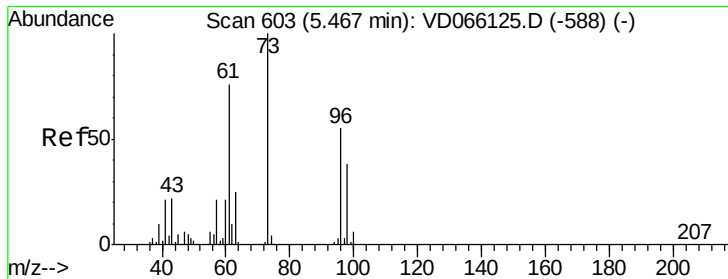
74 26.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

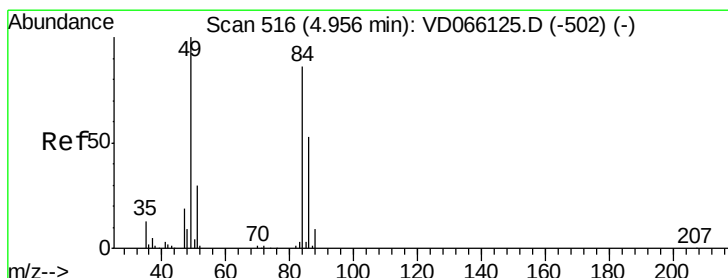
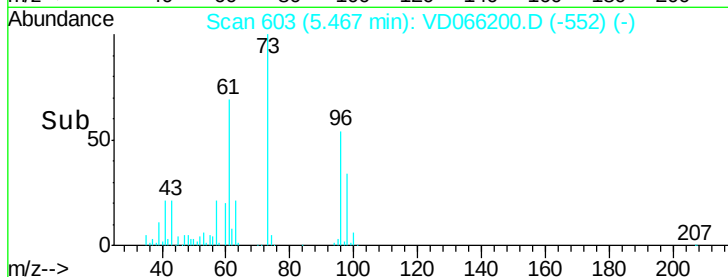
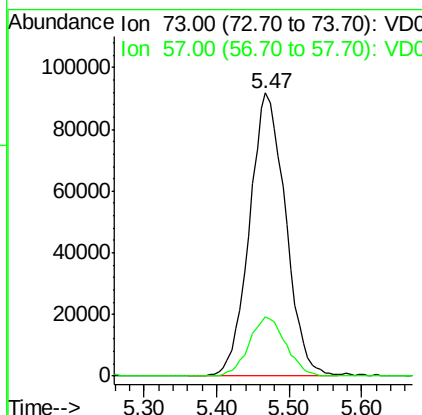
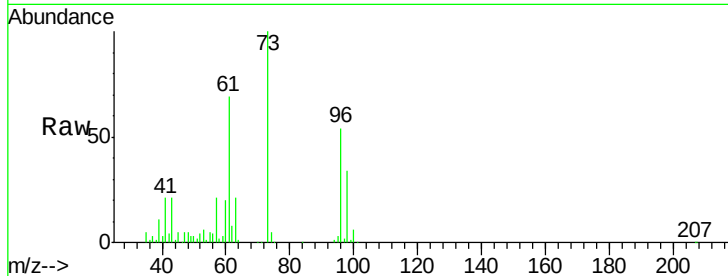




#19
Methyl tert-butyl Ether
Concen: 52.436 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

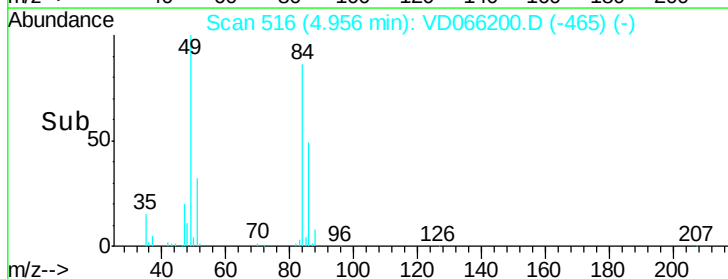
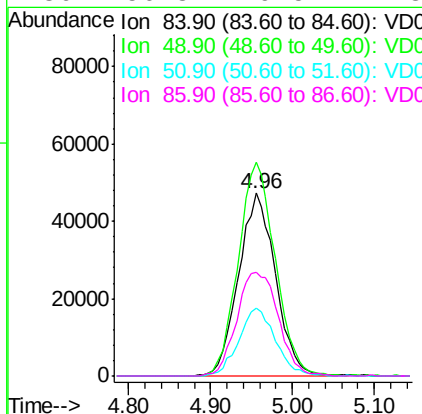
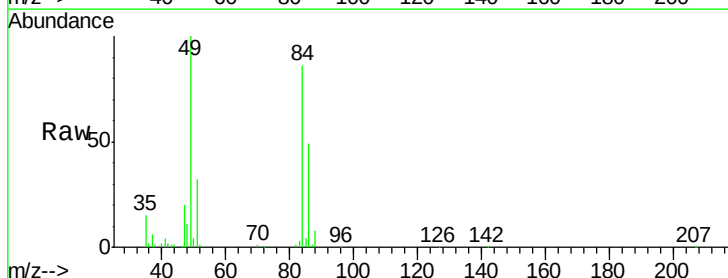
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

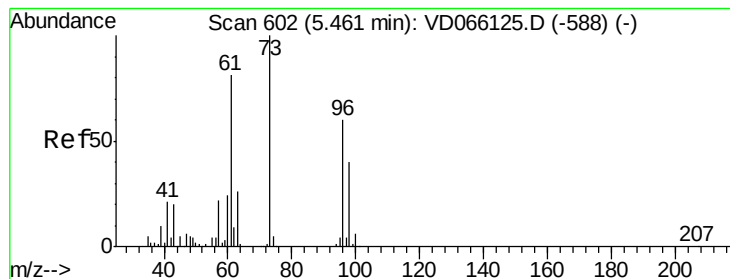
Tgt Ion: 73 Resp: 318546
Ion Ratio Lower Upper
73 100
57 21.1 17.1 25.7



#20
Methylene Chloride
Concen: 50.972 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion: 84 Resp: 148035
Ion Ratio Lower Upper
84 100
49 117.0 93.5 140.3
51 37.0 28.2 42.4
86 56.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 49.788 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

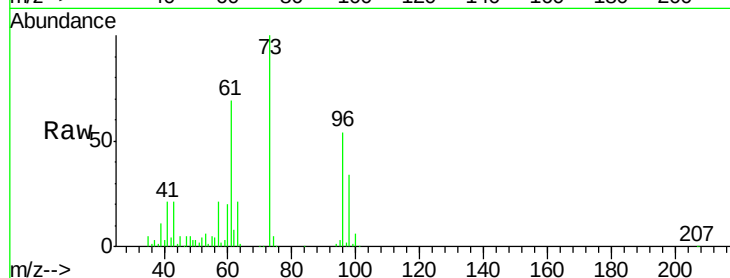
Tgt Ion: 96 Resp: 151590

Ion Ratio Lower Upper

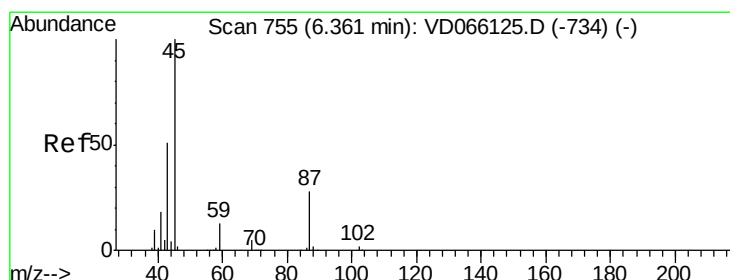
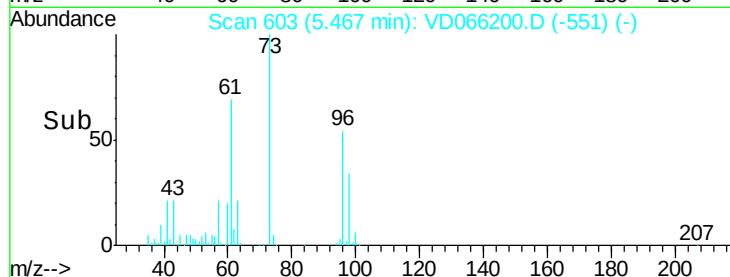
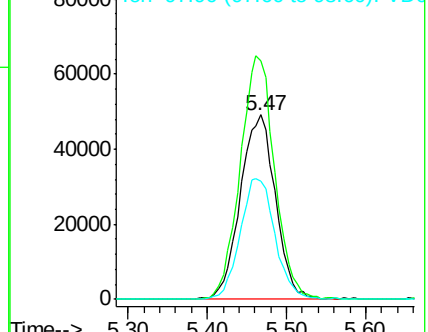
96 100

61 129.0 106.9 160.3

98 64.2 53.4 80.0



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



#22

Diisopropyl ether

Concen: 49.840 ug/l

RT: 6.35 min Scan# 753

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Tgt Ion: 45 Resp: 395748

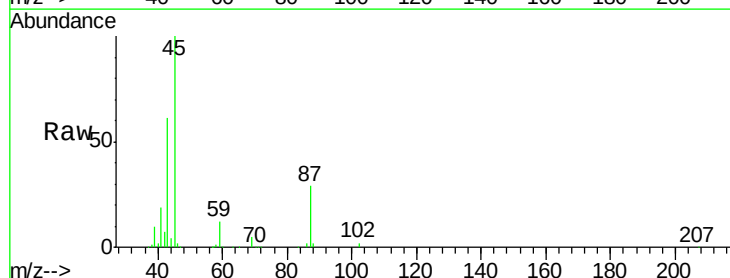
Ion Ratio Lower Upper

45 100

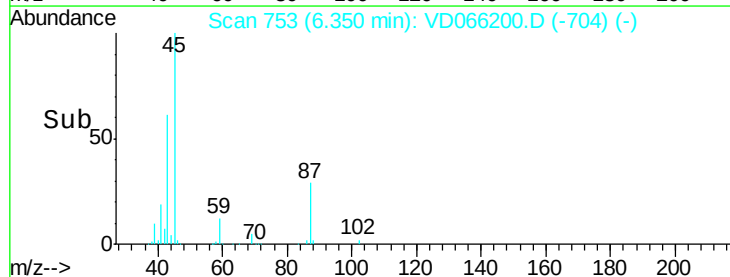
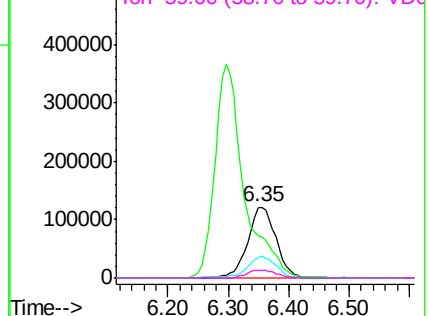
43 60.0 41.2 61.8

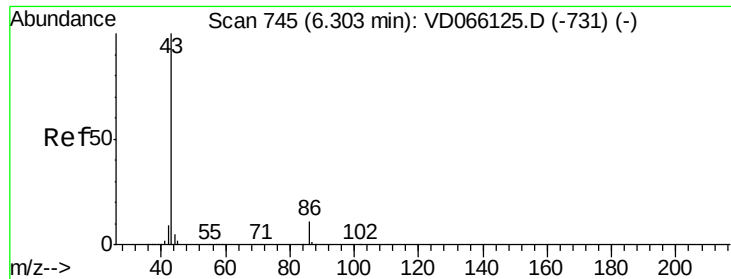
87 29.1 22.8 34.2

59 11.5 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 263.434 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

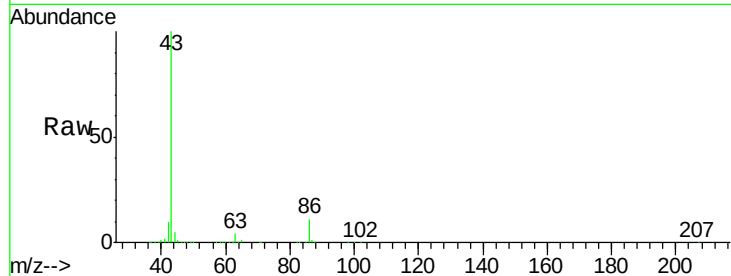
VSTDCCC050

Tgt Ion: 43 Resp: 1225439

Ion Ratio Lower Upper

43 100

86 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

400000

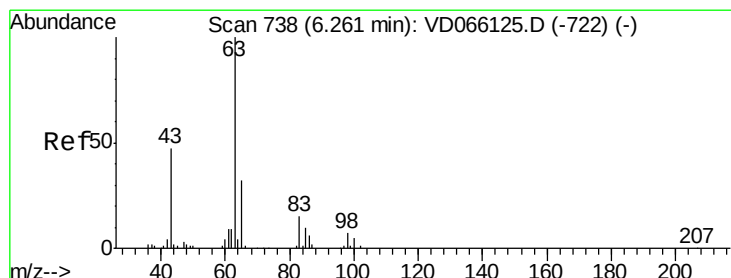
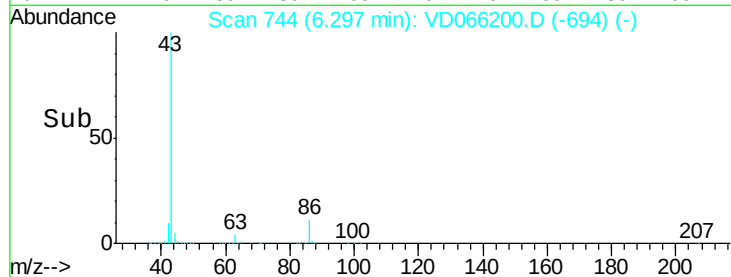
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 50.771 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

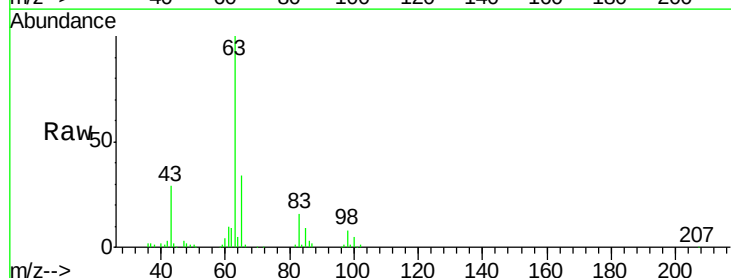
Tgt Ion: 63 Resp: 249487

Ion Ratio Lower Upper

63 100

98 7.9 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

6.26

100000

80000

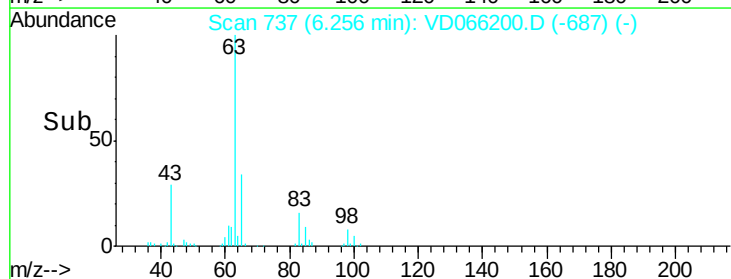
60000

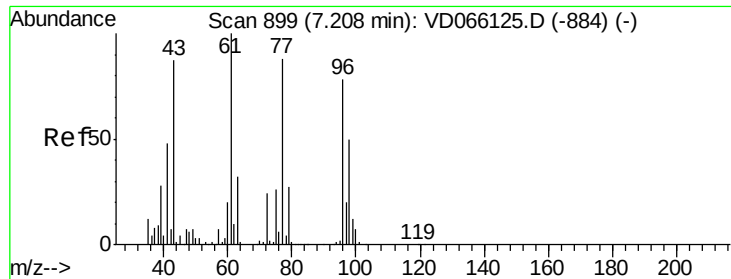
40000

20000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 263.759 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

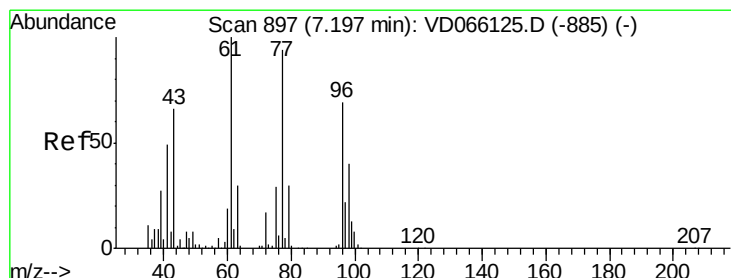
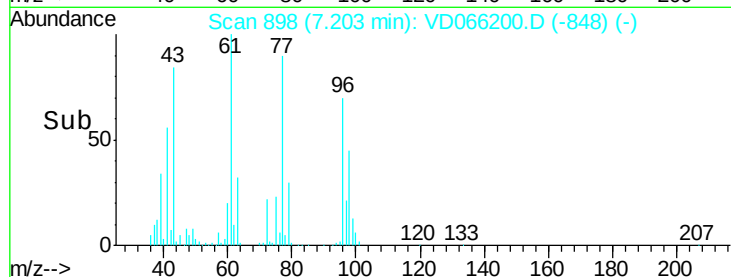
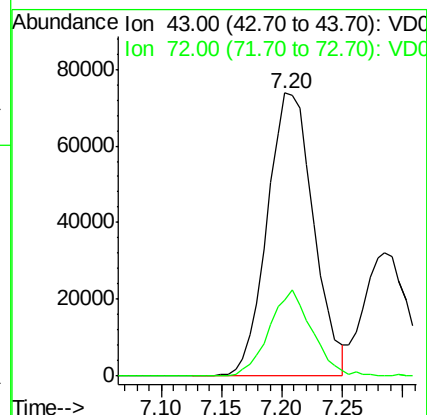
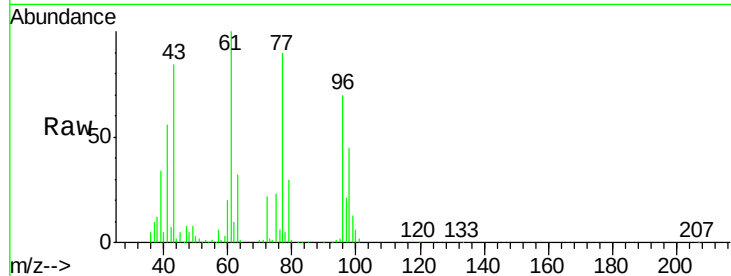
VSTDCCC050

Tgt Ion: 43 Resp: 196535

Ion Ratio Lower Upper

43 100

72 26.6 22.2 33.2



#26

2,2-Dichloropropane

Concen: 55.139 ug/l

RT: 7.20 min Scan# 897

Delta R.T. 0.00 min

Lab File: VD066200.D

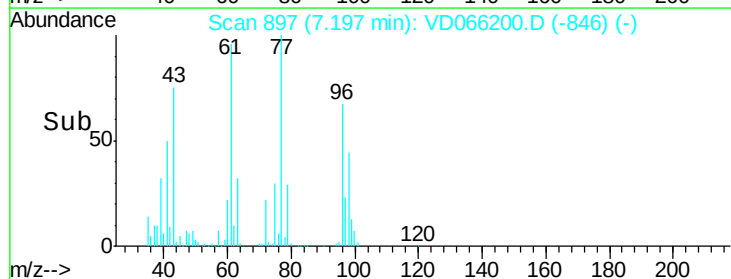
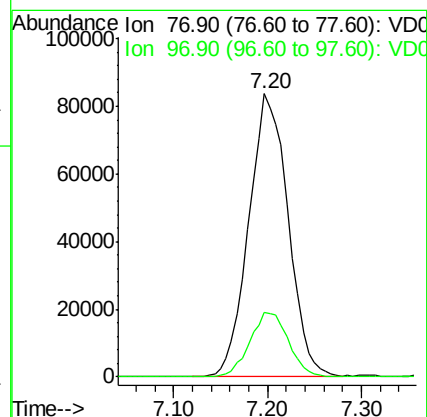
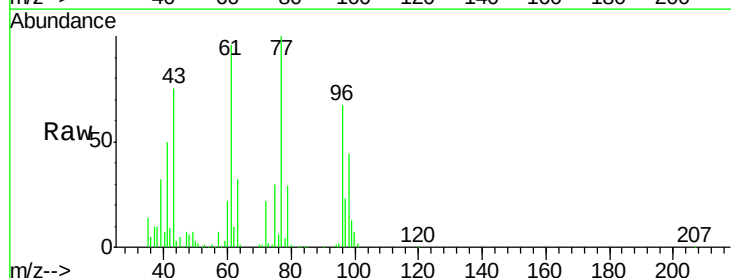
Acq: 12 Aug 2020 13:12

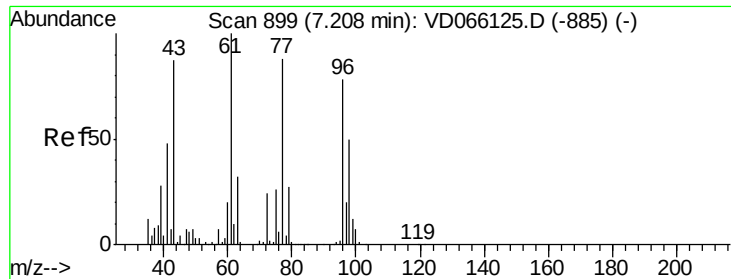
Tgt Ion: 77 Resp: 242848

Ion Ratio Lower Upper

77 100

97 22.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 51.935 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

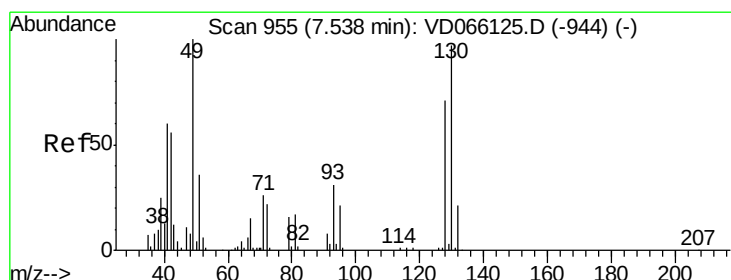
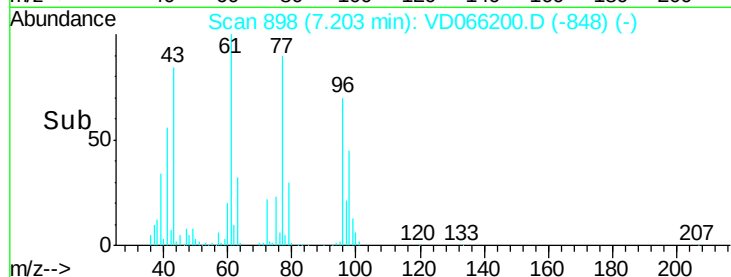
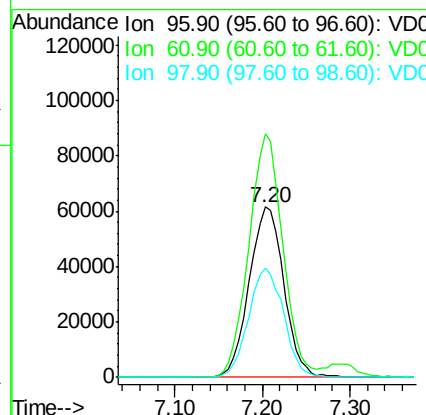
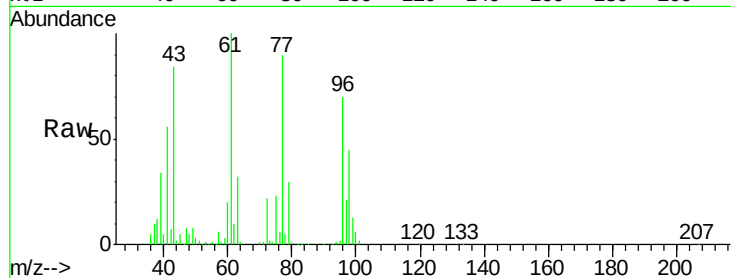
Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 165856

Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	281.6
98	64.9	0.0	130.8



#28

Bromochloromethane

Concen: 52.133 ug/l

RT: 7.54 min Scan# 955

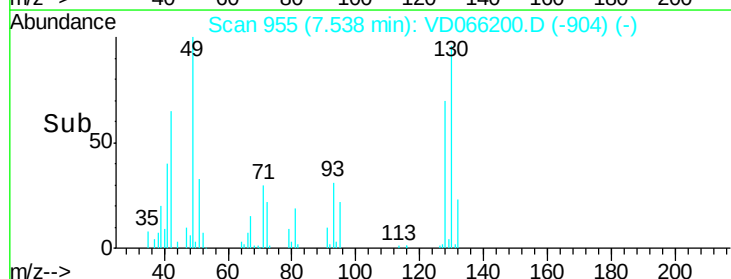
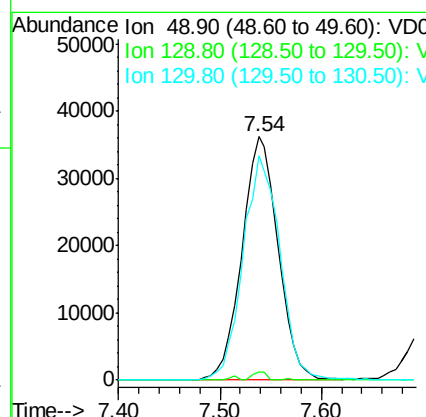
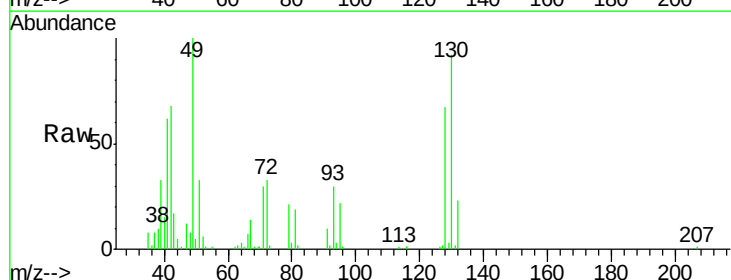
Delta R.T. 0.00 min

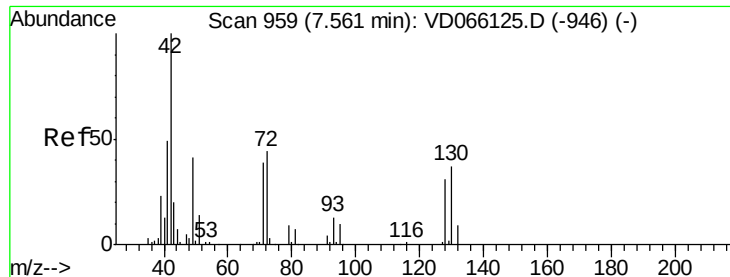
Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Tgt Ion: 49 Resp: 89978

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	6.0
130	94.0	73.8	110.6

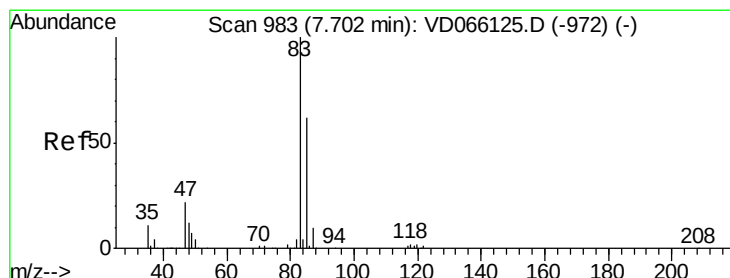
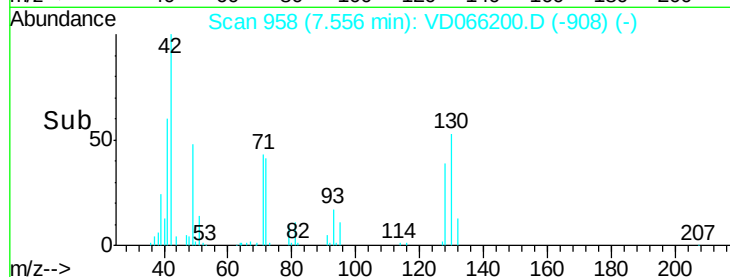
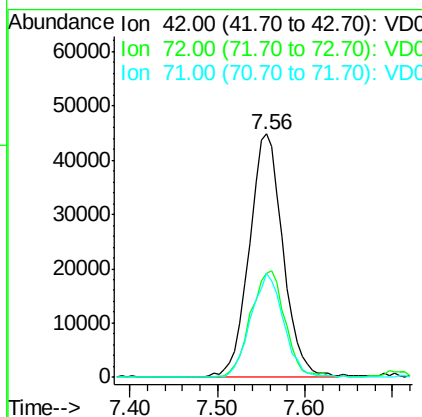
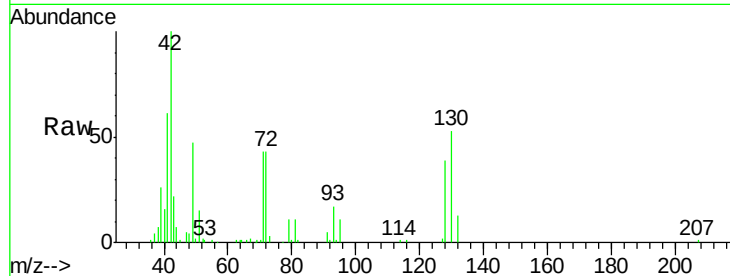




#29
Tetrahydrofuran
Concen: 255.453 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

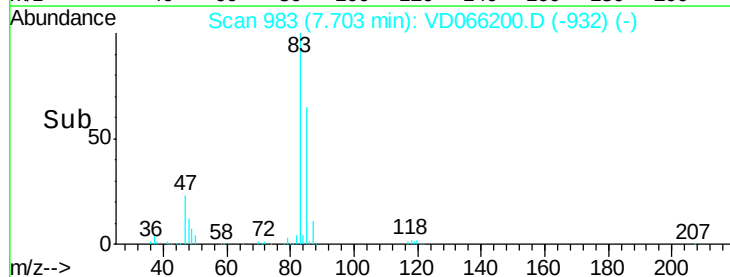
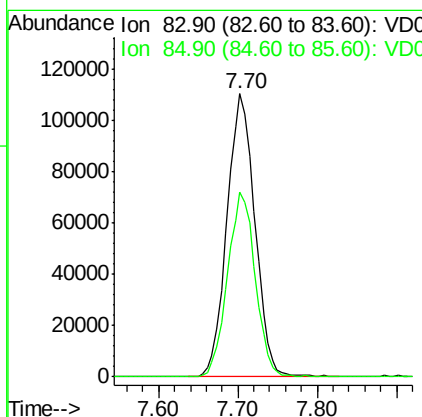
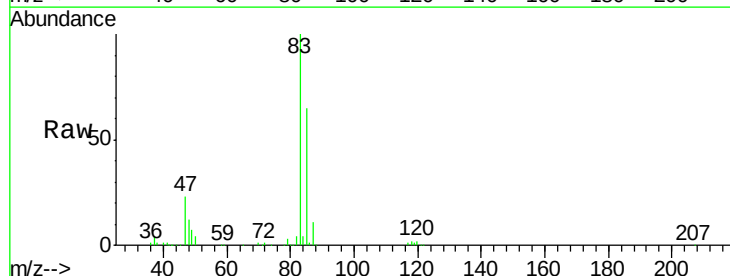
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

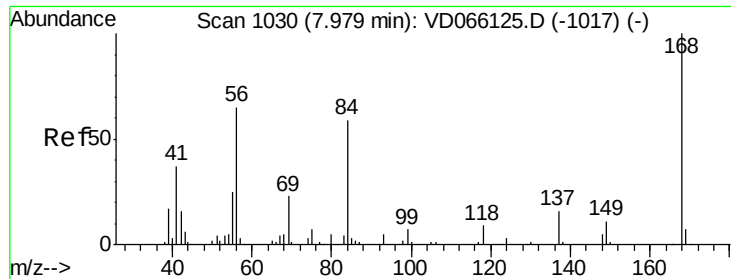
Tgt Ion: 42 Resp: 117932
Ion Ratio Lower Upper
42 100
72 44.6 34.8 52.2
71 41.6 33.5 50.3



#30
Chloroform
Concen: 52.169 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion: 83 Resp: 269183
Ion Ratio Lower Upper
83 100
85 65.1 49.5 74.3

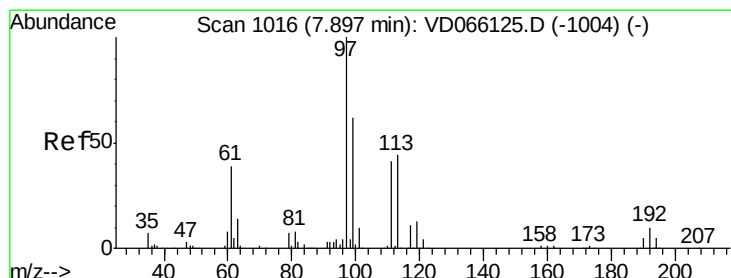
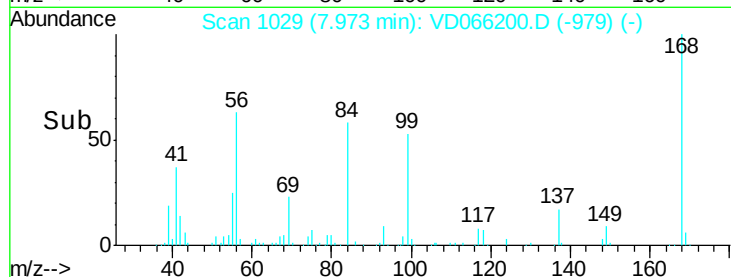
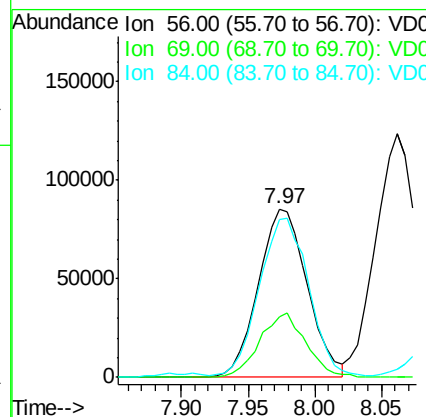
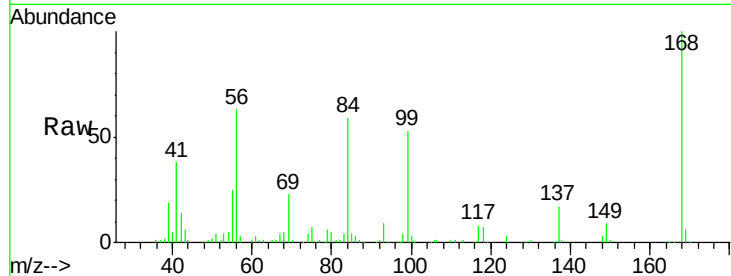




#31
Cyclohexane
Concen: 46.321 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

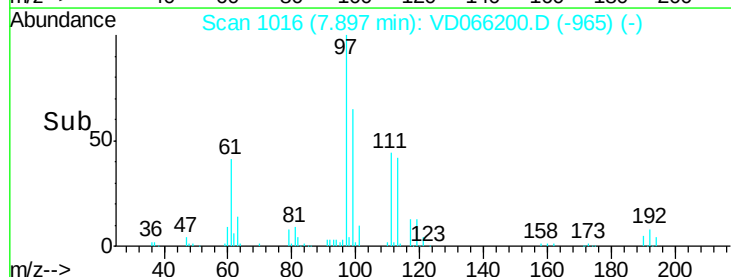
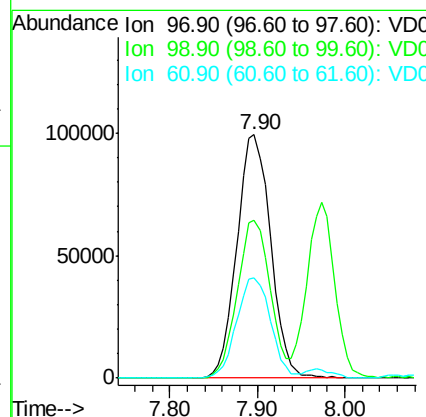
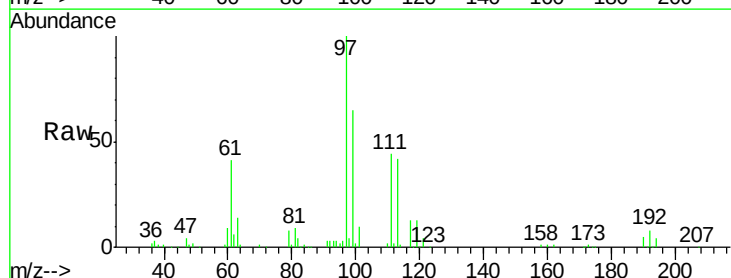
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

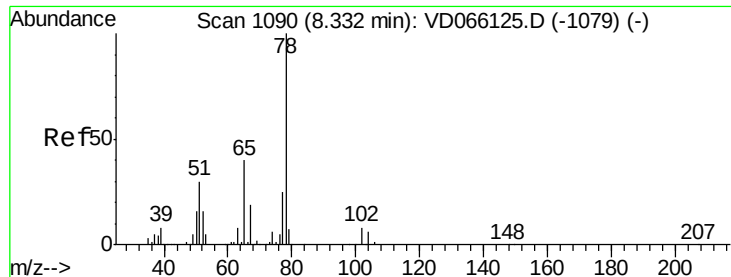
Tgt Ion: 56 Resp: 216675
Ion Ratio Lower Upper
56 100
69 36.4 28.8 43.2
84 91.6 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 53.963 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion: 97 Resp: 261068
Ion Ratio Lower Upper
97 100
99 62.6 51.1 76.7
61 41.2 32.7 49.1

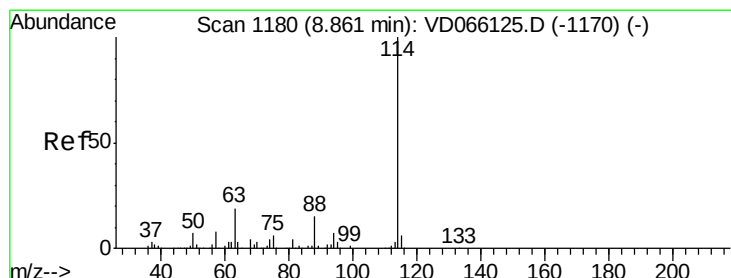
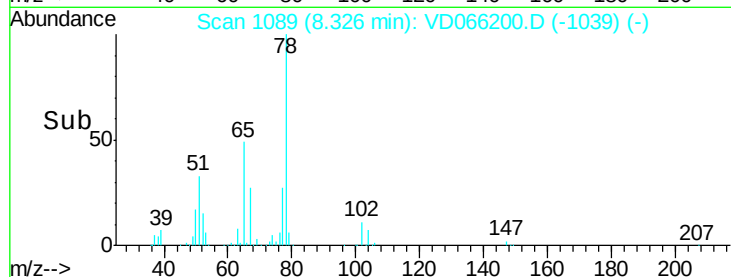
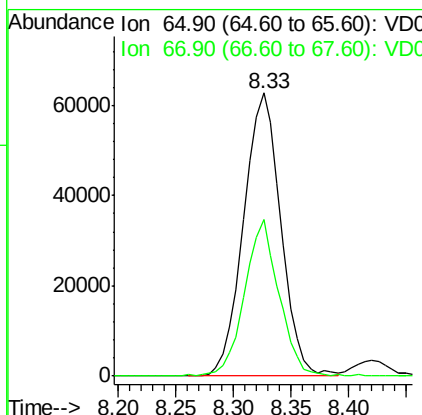
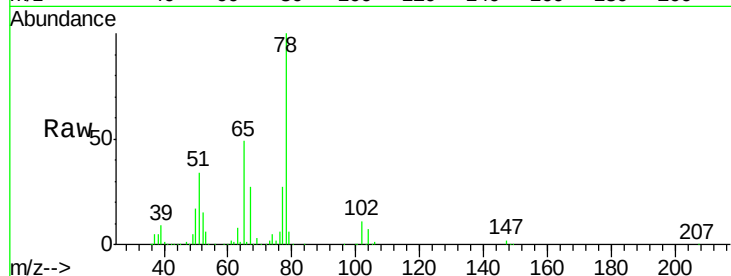




#33
 1,2-Dichloroethane-d4
 Concen: 52.758 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

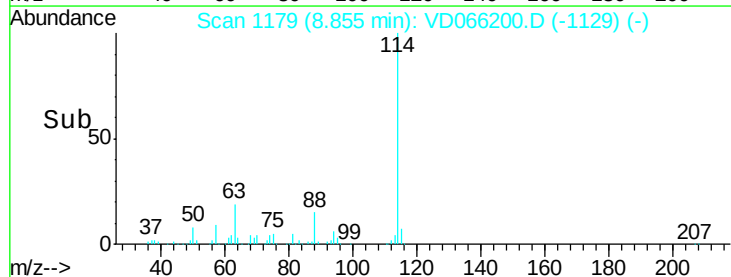
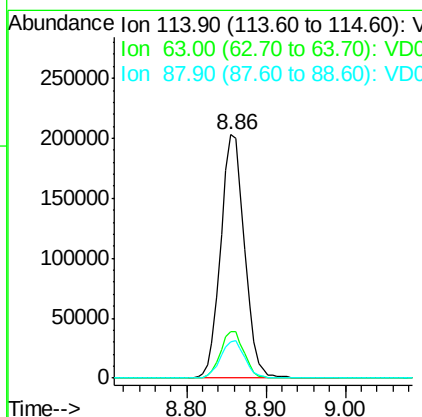
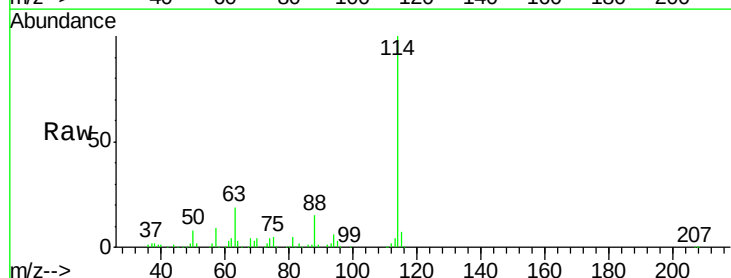
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

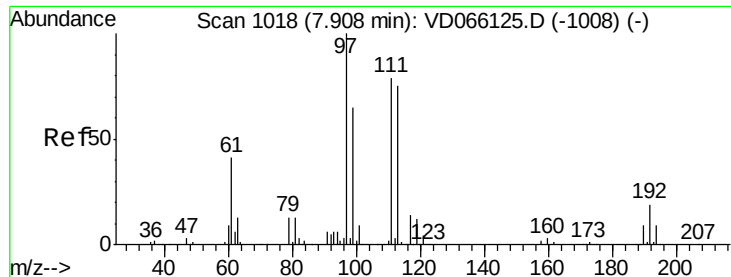
Tgt Ion: 65 Resp: 140863
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion: 114 Resp: 423270
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.1 0.0 30.0

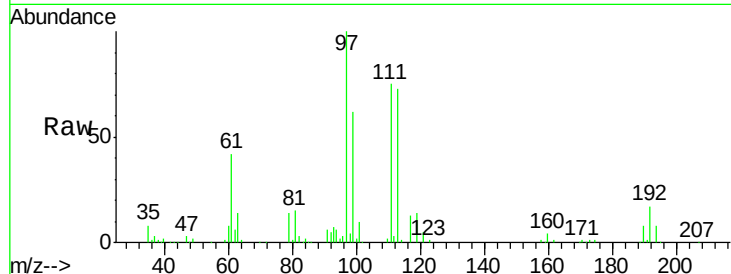




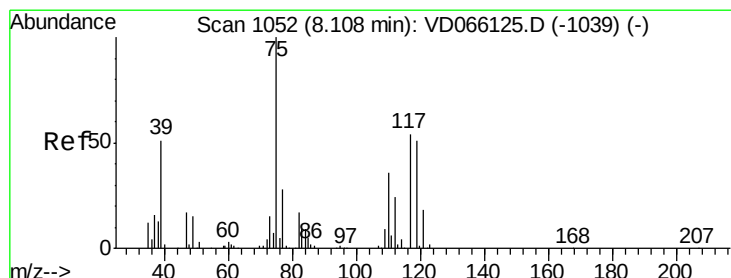
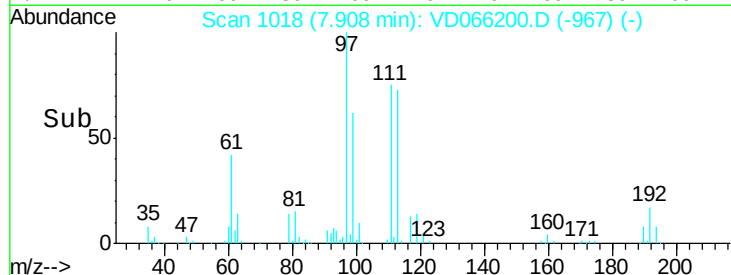
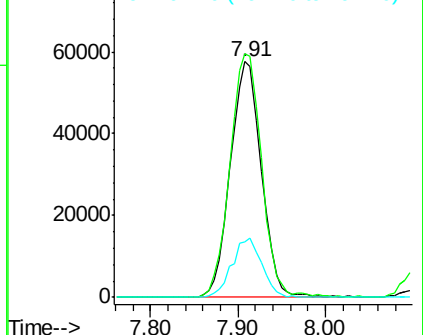
#35
 Dibromofluoromethane
 Concen: 51.562 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	80.7	121.1
192	24.2	18.4	27.6

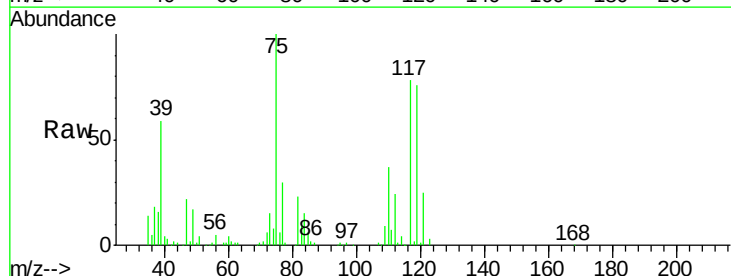


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

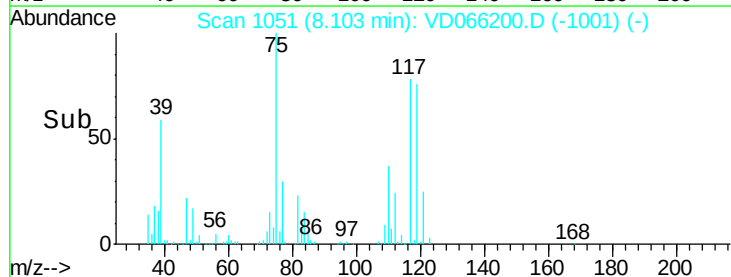
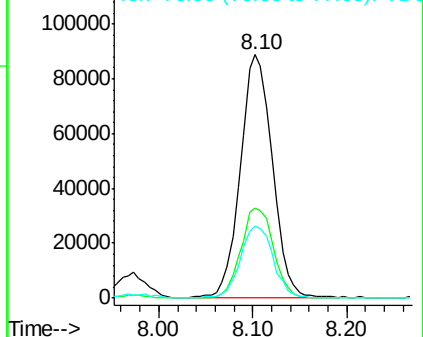


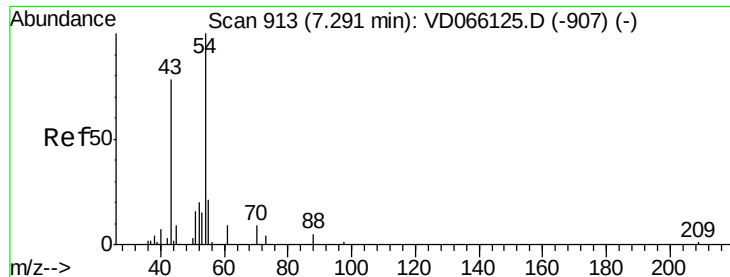
#36
 1,1-Dichloropropene
 Concen: 52.851 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.8	56.3
77	30.4	24.2	36.2



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

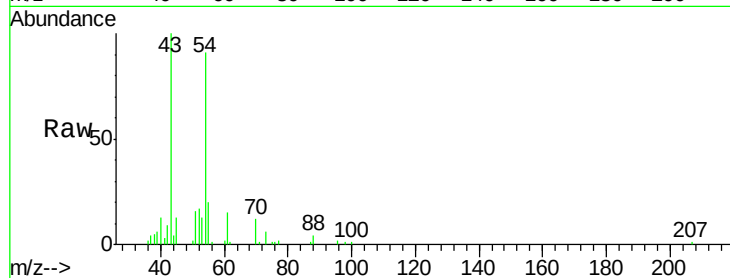




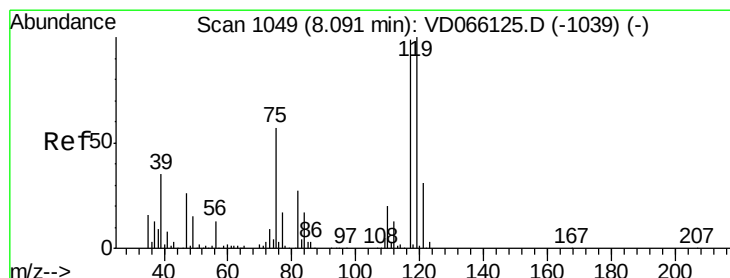
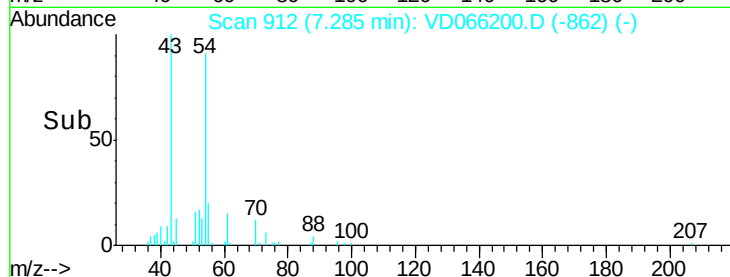
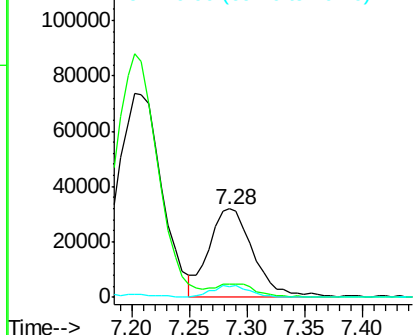
#37
Ethyl Acetate
Concen: 53.311 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 84014
Ion Ratio Lower Upper
43 100
61 14.5 12.0 18.0
70 11.9 9.7 14.5

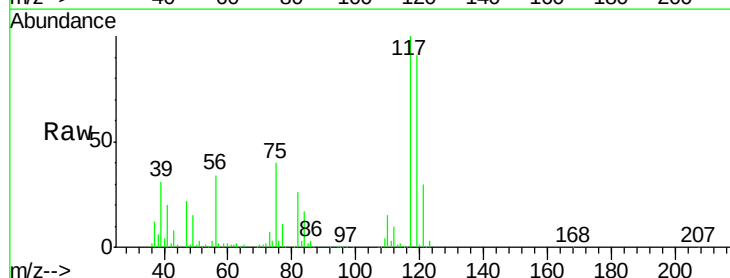


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

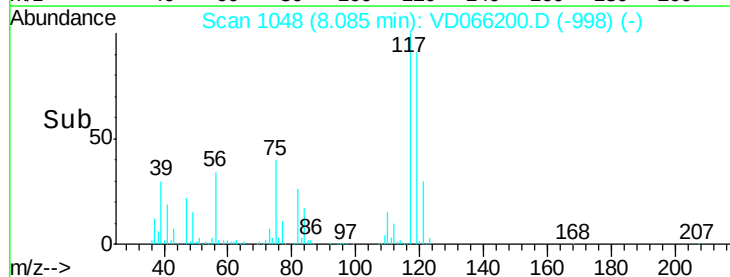
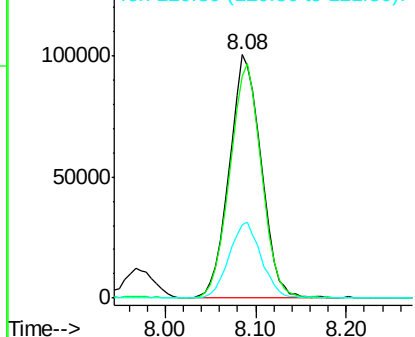


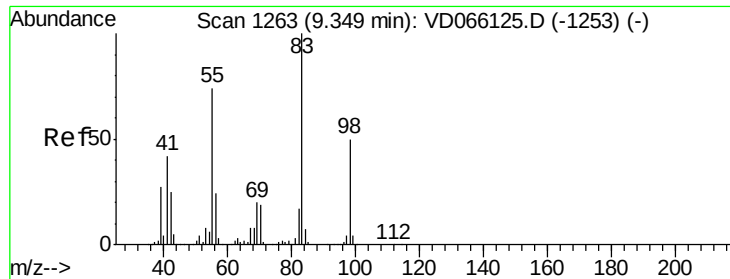
#38
Carbon Tetrachloride
Concen: 55.411 ug/l
RT: 8.08 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion: 117 Resp: 245776
Ion Ratio Lower Upper
117 100
119 91.2 81.0 121.4
121 29.9 24.8 37.2



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

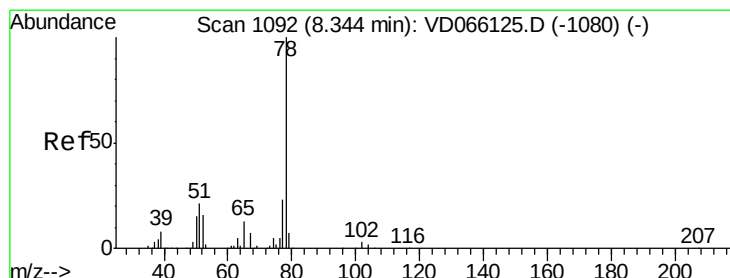
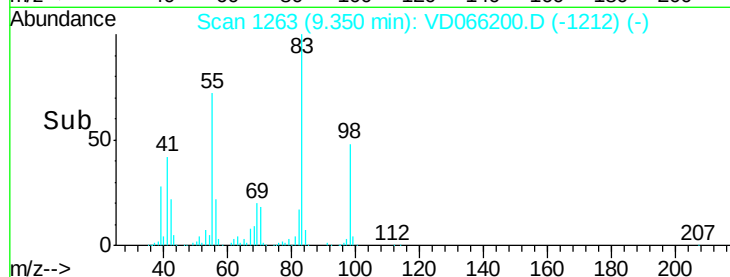
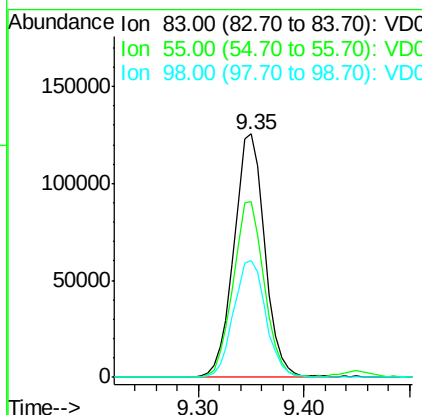
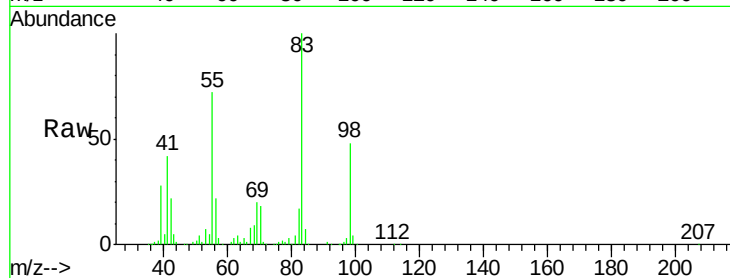




#39
Methylcyclohexane
Concen: 52.858 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

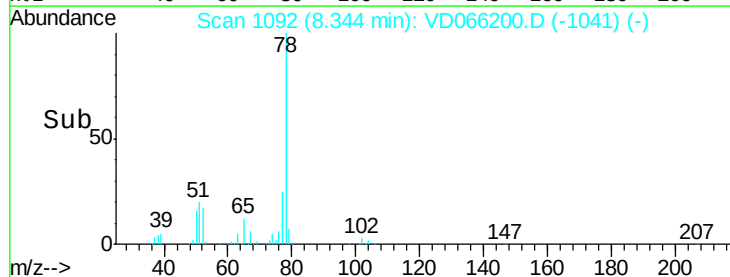
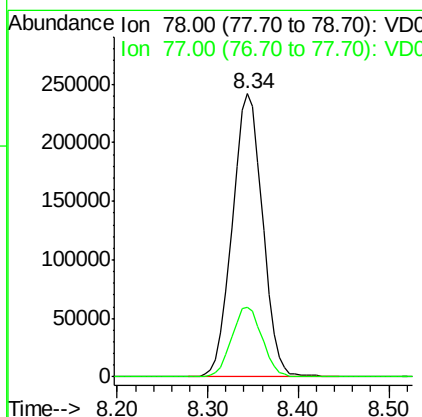
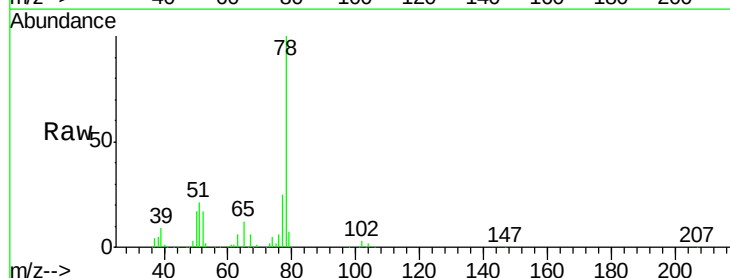
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

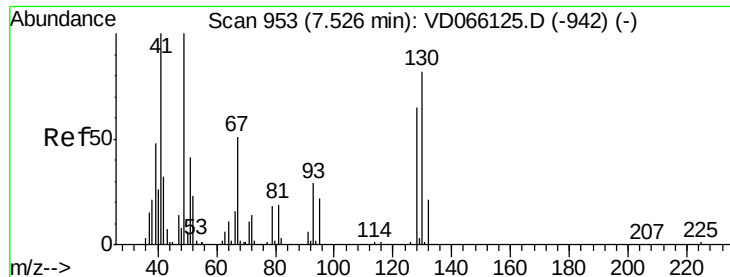
Tgt Ion: 83 Resp: 254148
Ion Ratio Lower Upper
83 100
55 72.2 59.2 88.8
98 48.2 39.8 59.6



#40
Benzene
Concen: 50.998 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion: 78 Resp: 562700
Ion Ratio Lower Upper
78 100
77 24.6 18.6 27.8

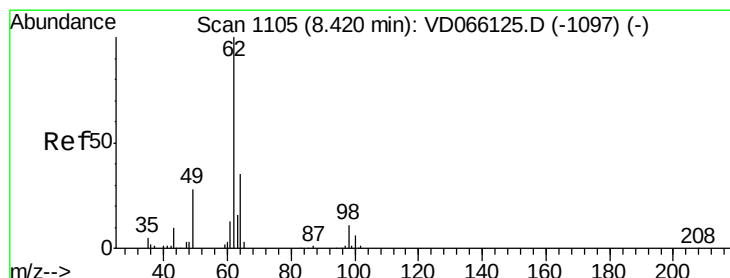
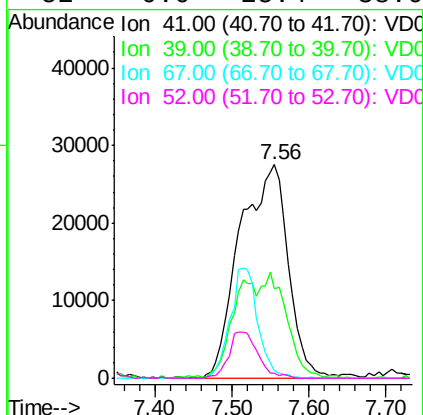
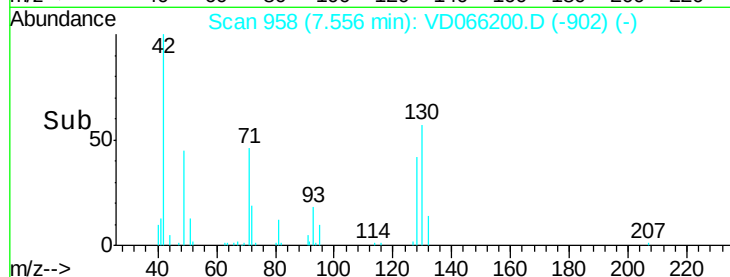
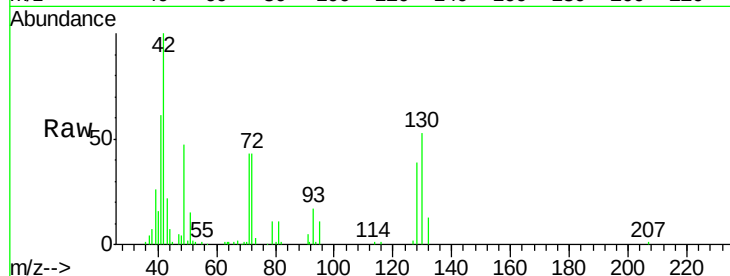




#41
Methacrylonitrile
Concen: 129.890 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

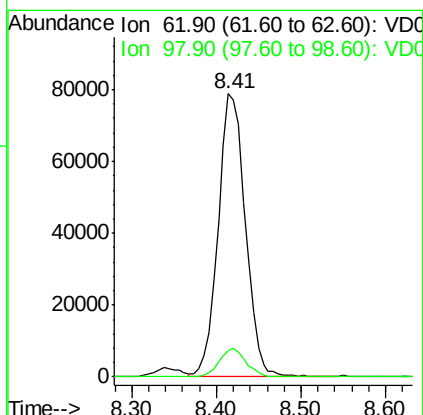
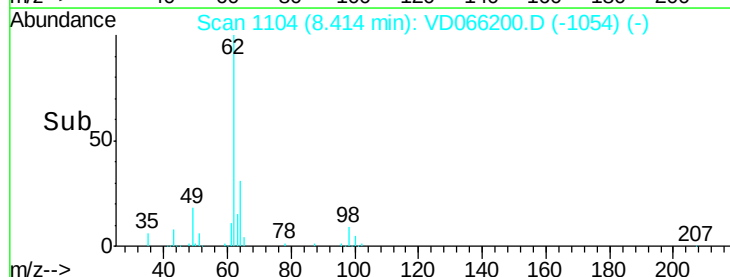
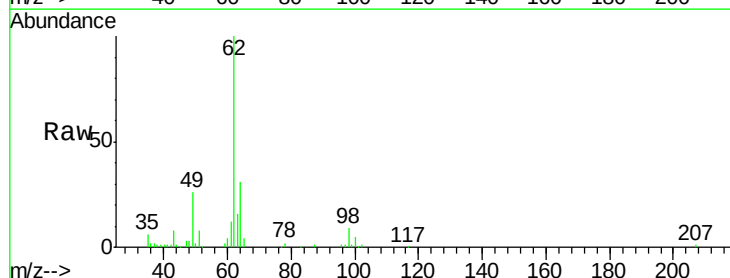
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

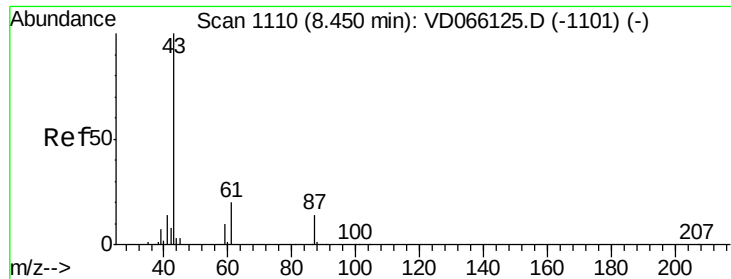
Tgt Ion:	41	Resp:	120355
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.5	71.3#
67	0.0	59.1	88.7#
52	0.0	25.4	38.0#



#42
1,2-Dichloroethane
Concen: 54.627 ug/l
RT: 8.41 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion:	62	Resp:	177068
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.4

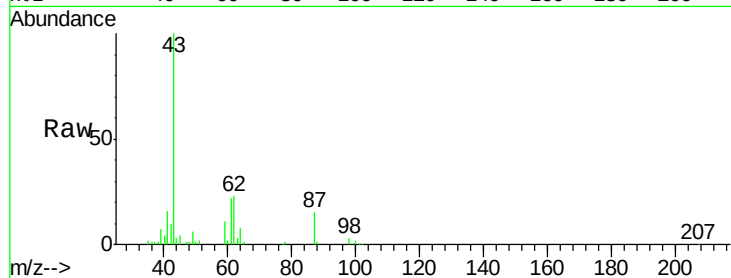




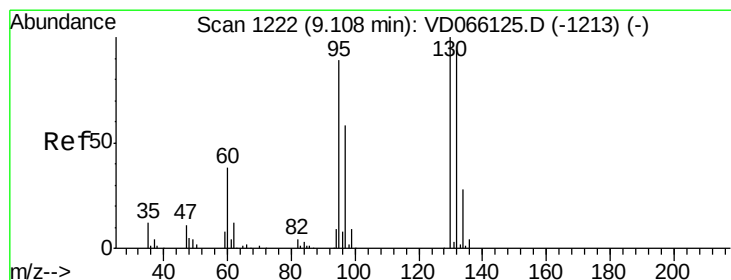
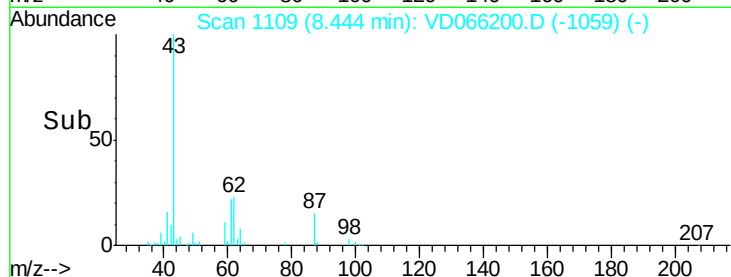
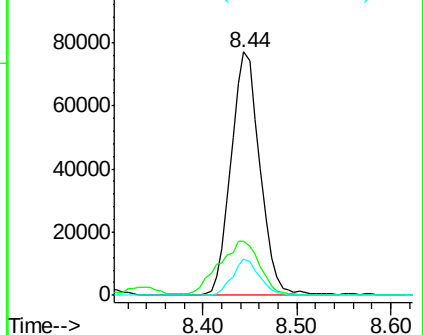
#43
Isopropyl Acetate
Concen: 53.215 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 165234
Ion Ratio Lower Upper
43 100
61 31.7 25.5 38.3
87 13.8 11.2 16.8

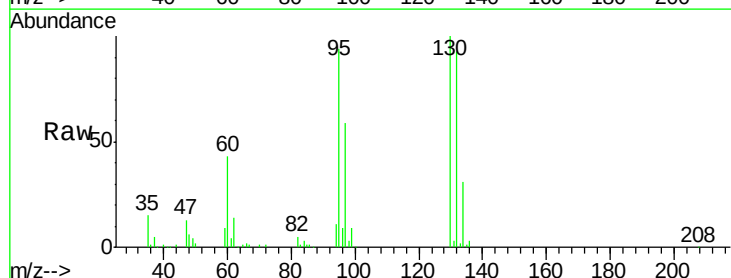


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

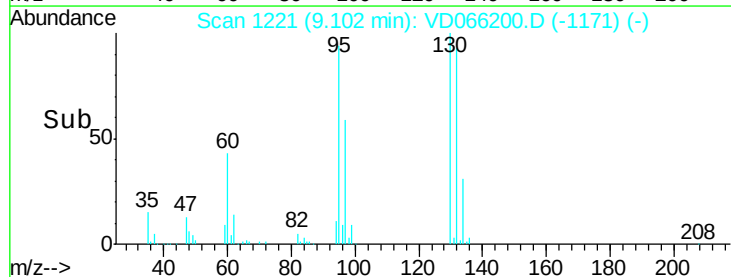
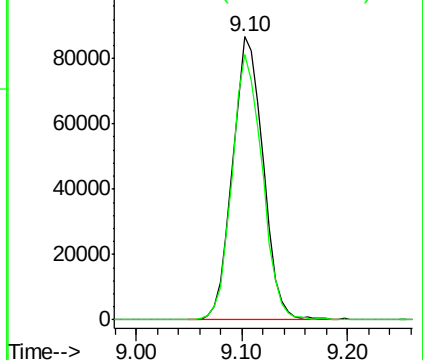


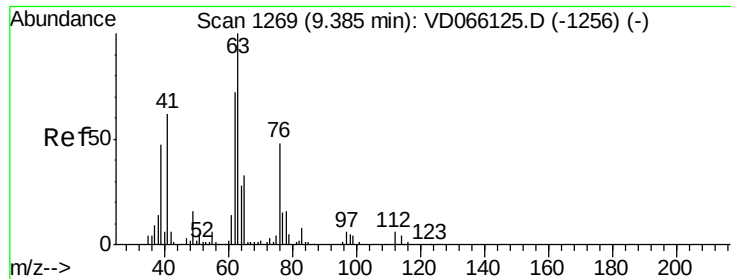
#44
Trichloroethene
Concen: 52.136 ug/l
RT: 9.10 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion: 130 Resp: 173346
Ion Ratio Lower Upper
130 100
95 94.0 0.0 178.4



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

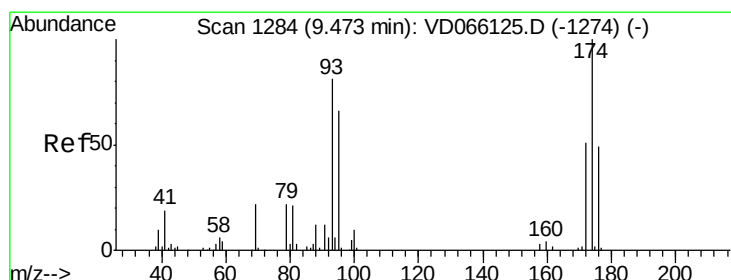
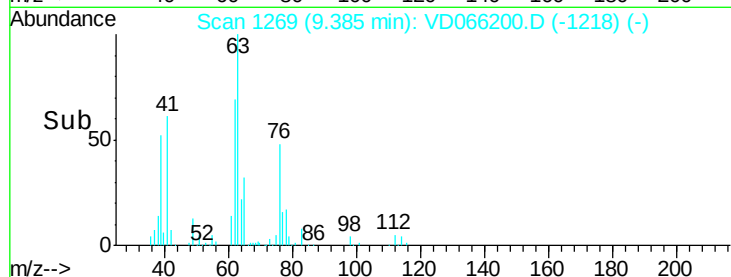
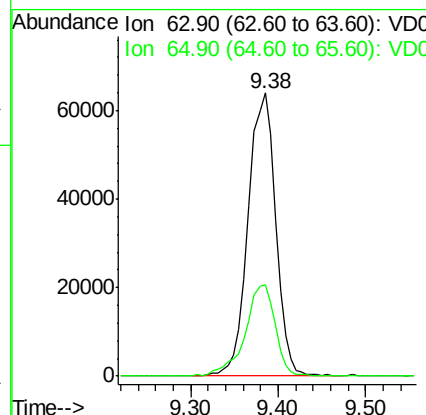
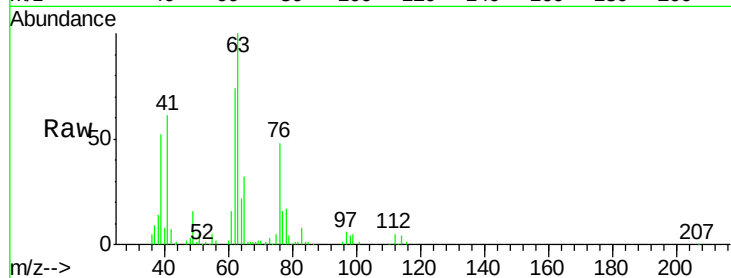




#45
 1,2-Dichloropropane
 Concen: 50.645 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

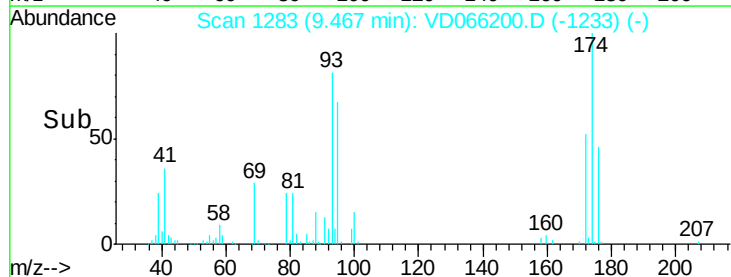
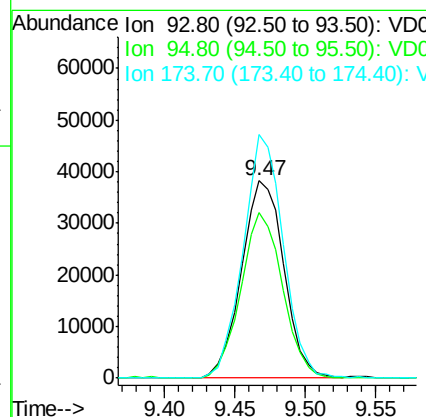
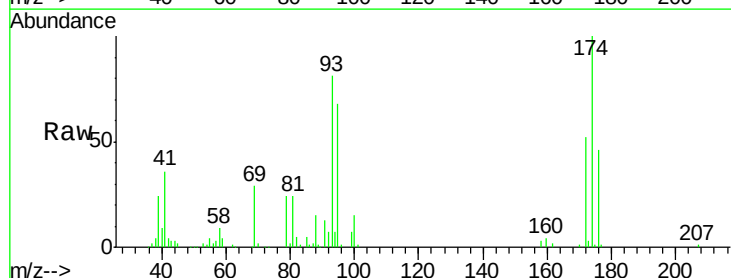
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

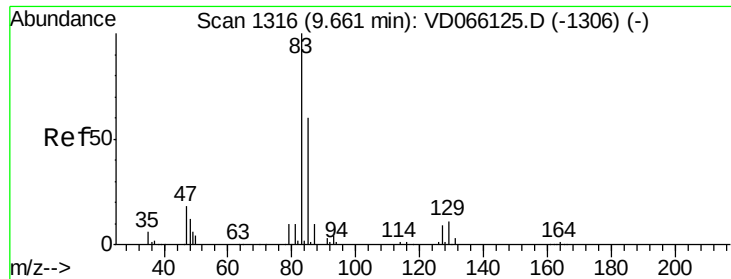
Tgt Ion: 63 Resp: 136670
 Ion Ratio Lower Upper
 63 100
 65 32.4 26.5 39.7



#46
 Dibromomethane
 Concen: 54.150 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion: 93 Resp: 80491
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.6
 174 117.2 92.8 139.2





#47

Bromodichloromethane

Concen: 53.923 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

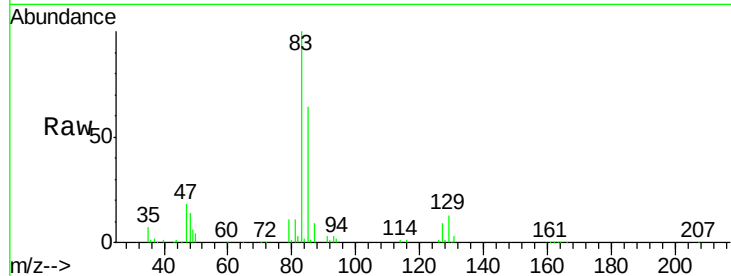
Tgt Ion: 83 Resp: 211844

Ion Ratio Lower Upper

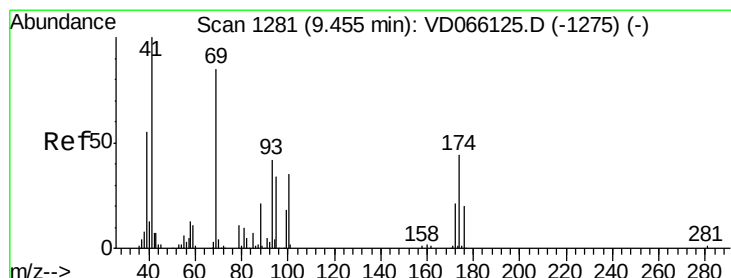
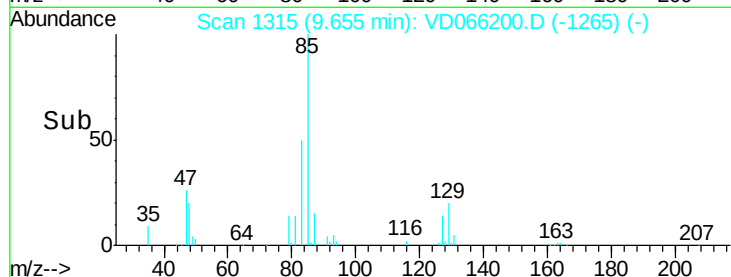
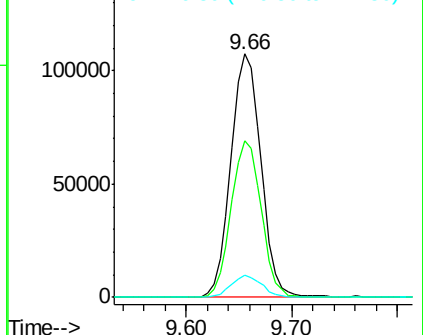
83 100

85 64.4 48.2 72.4

127 9.2 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): VDC



#48

Methyl methacrylate

Concen: 49.607 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

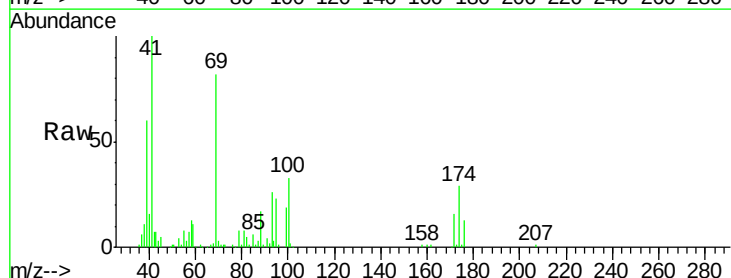
Tgt Ion: 41 Resp: 78651

Ion Ratio Lower Upper

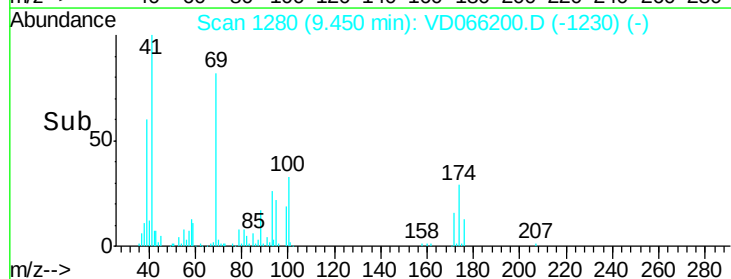
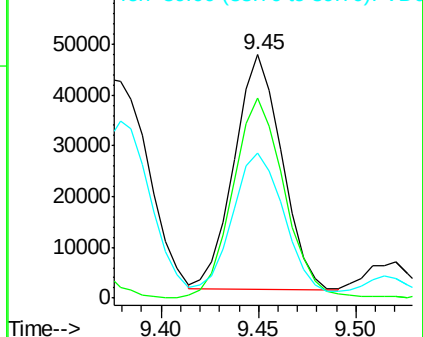
41 100

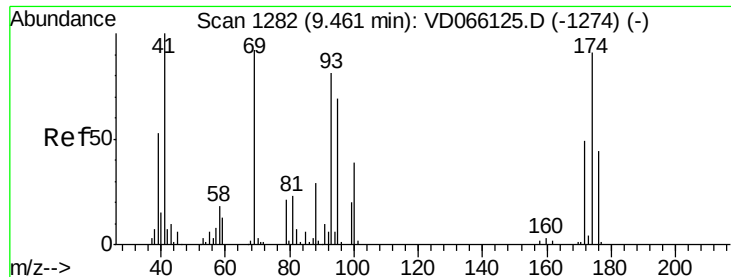
69 92.4 63.9 95.9

39 63.0 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

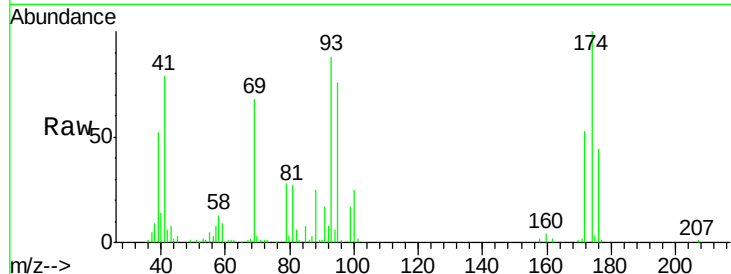




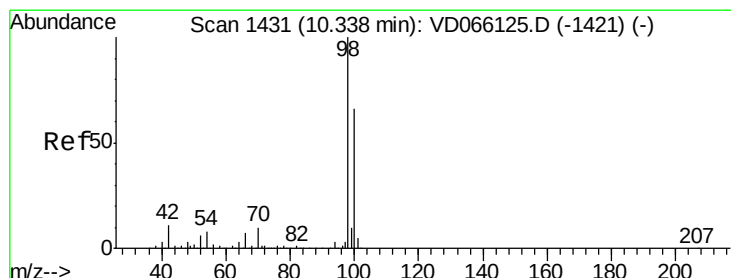
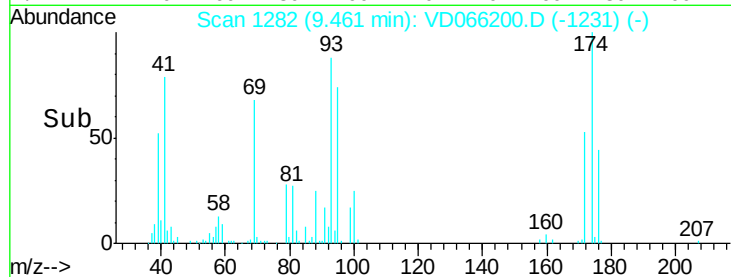
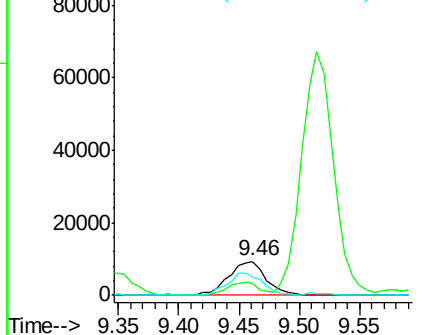
#49
 1,4-Dioxane
 Concen: 1055.033 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 20148
 Ion Ratio Lower Upper
 88 100
 43 33.6 27.5 41.3
 58 62.6 50.2 75.4

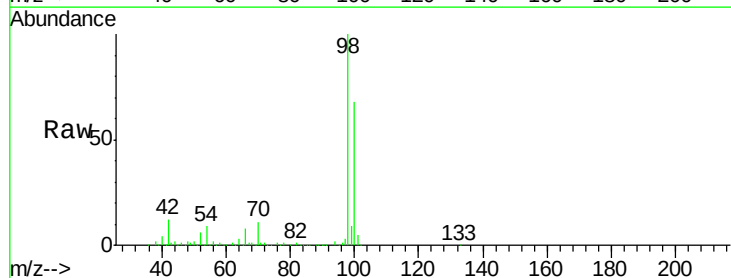


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

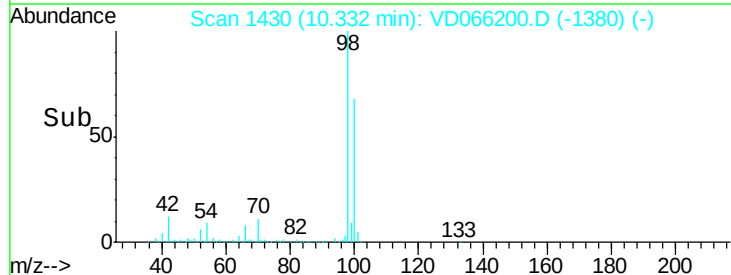
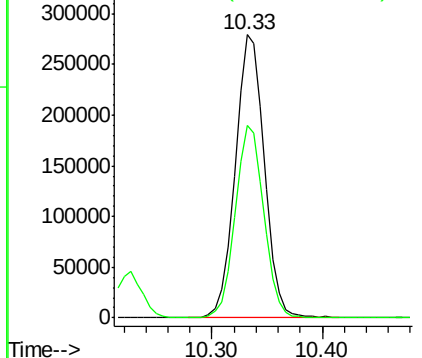


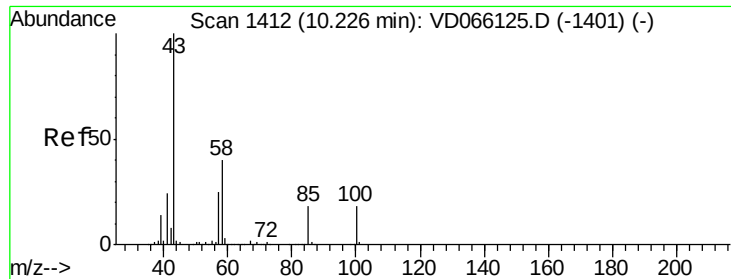
#50
 Toluene-d8
 Concen: 52.188 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion: 98 Resp: 516392
 Ion Ratio Lower Upper
 98 100
 100 67.1 52.6 78.8



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

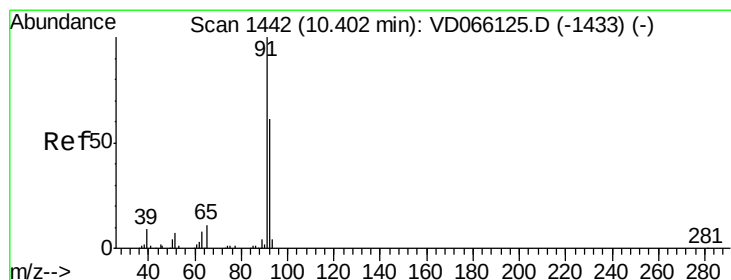
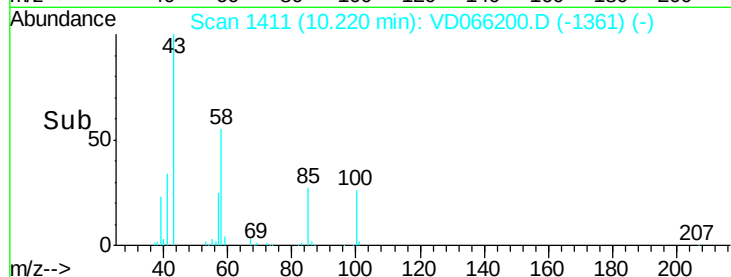
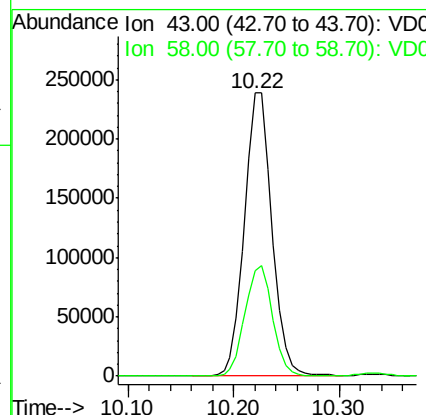
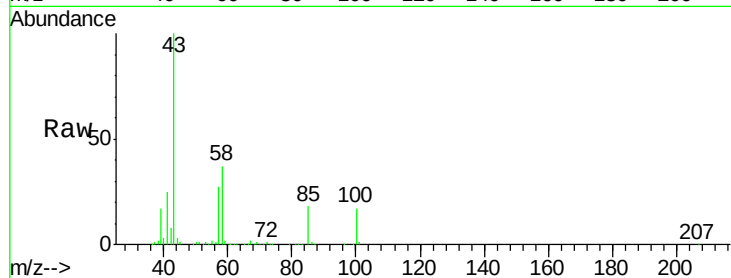




#51
 4-Methyl-2-Pentanone
 Concen: 271.669 ug/l
 RT: 10.22 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

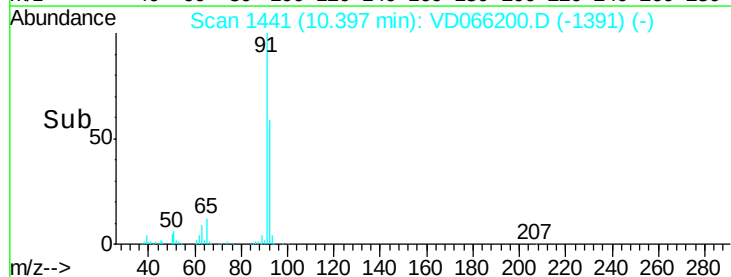
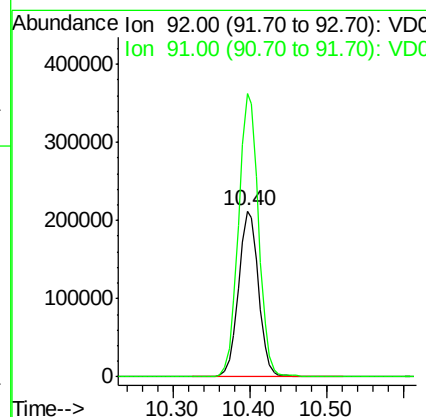
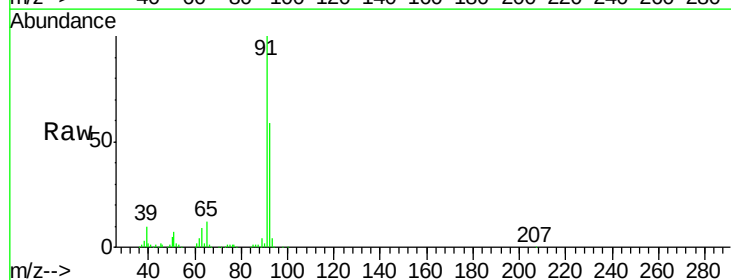
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

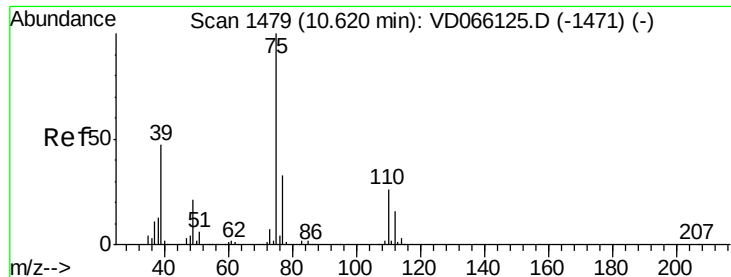
Tgt Ion: 43 Resp: 433291
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.1 46.7



#52
 Toluene
 Concen: 53.112 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion: 92 Resp: 385616
 Ion Ratio Lower Upper
 92 100
 91 171.9 135.2 202.8

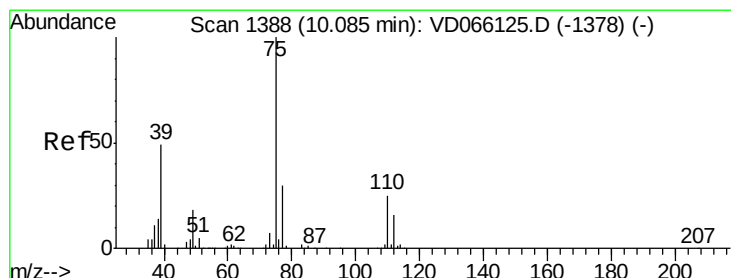
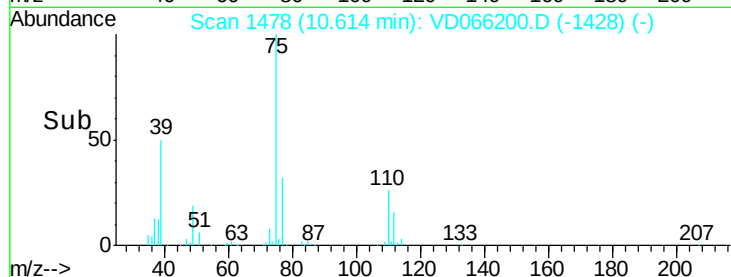
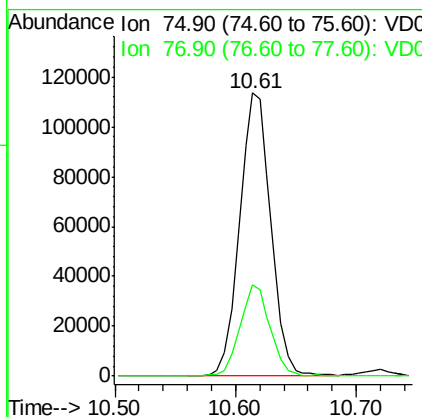
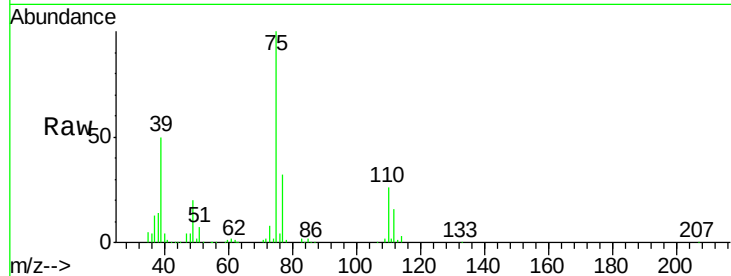




#53
t-1,3-Dichloropropene
Concen: 54.656 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

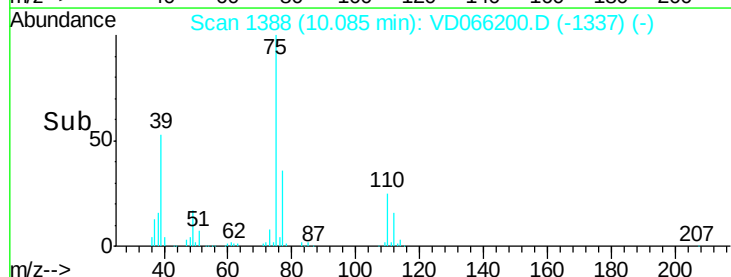
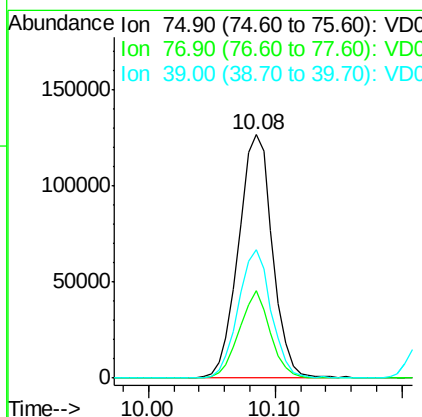
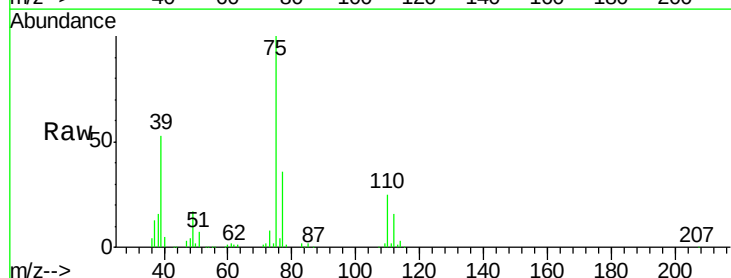
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

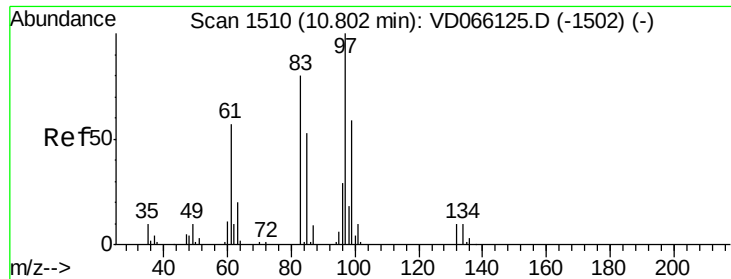
Tgt Ion: 75 Resp: 203776
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 53.871 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion: 75 Resp: 235319
Ion Ratio Lower Upper
75 100
77 35.9 24.3 36.5
39 52.5 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 50.642 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 108394

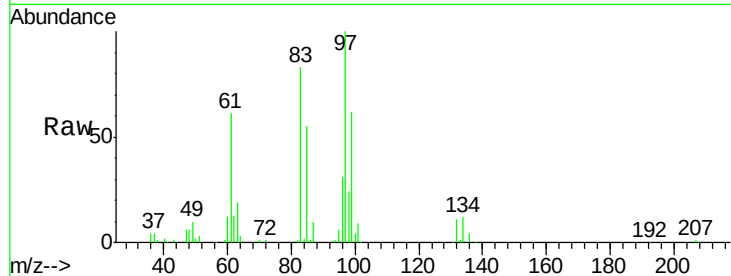
Ion Ratio Lower Upper

97 100

83 83.5 63.9 95.9

85 55.5 42.5 63.7

99 62.1 47.4 71.0

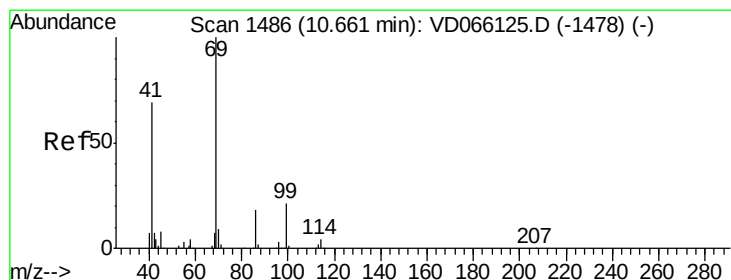
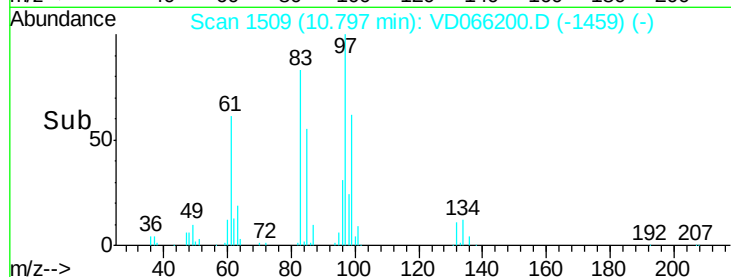
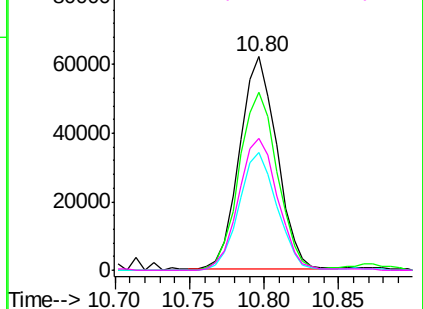


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 55.131 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

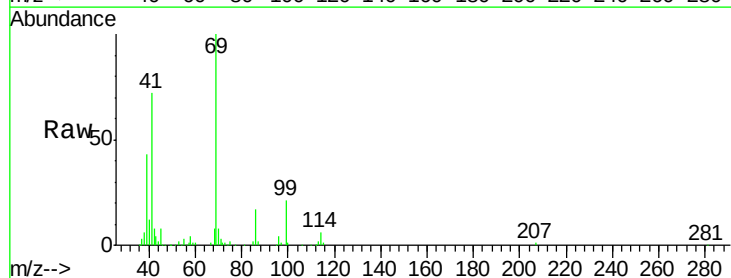
Tgt Ion: 69 Resp: 141756

Ion Ratio Lower Upper

69 100

41 67.8 54.1 81.1

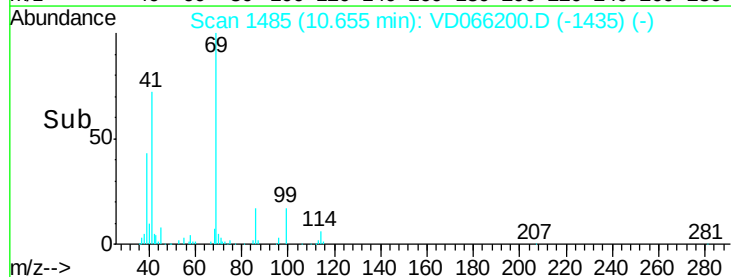
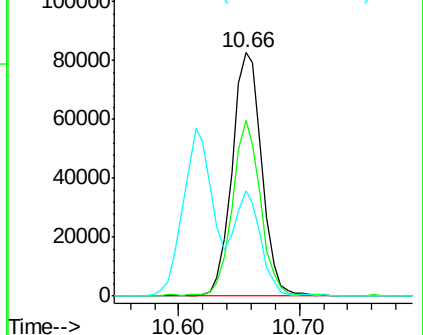
39 37.9 28.6 43.0

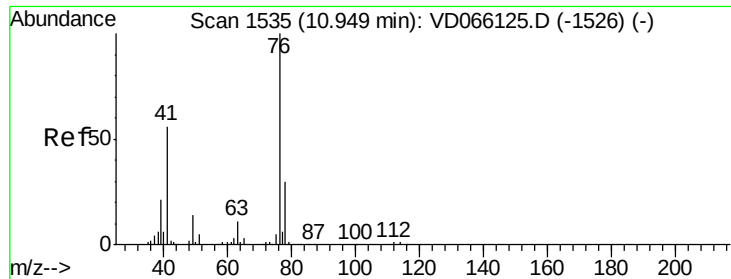


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

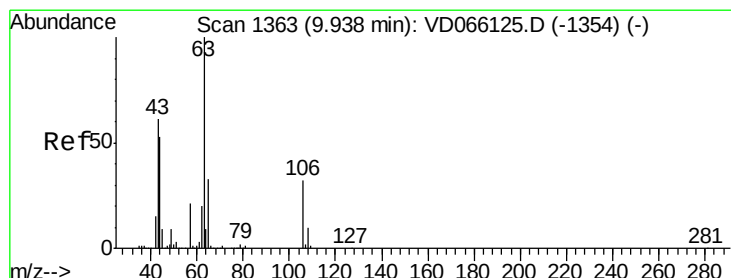
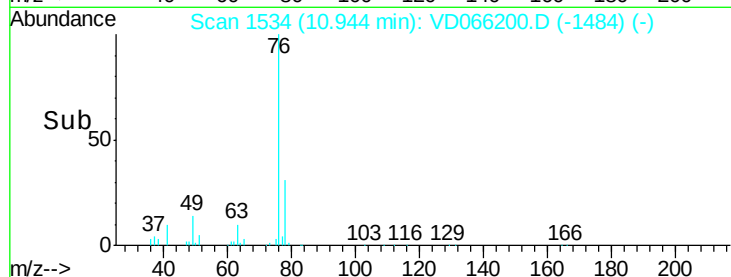
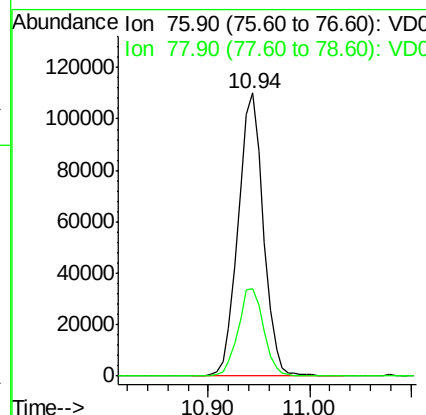
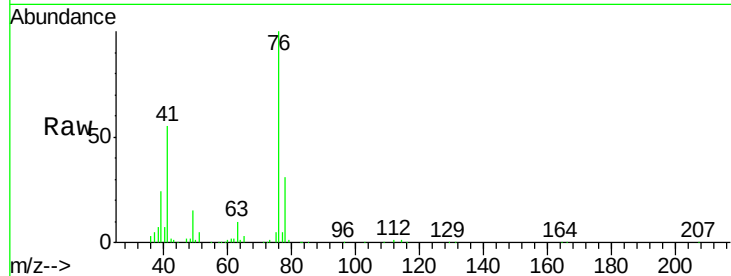




#57
 1,3-Dichloropropane
 Concen: 53.484 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

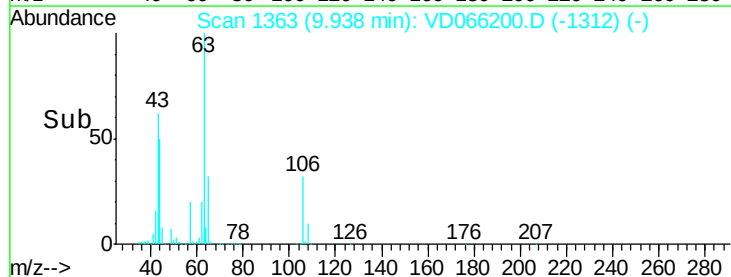
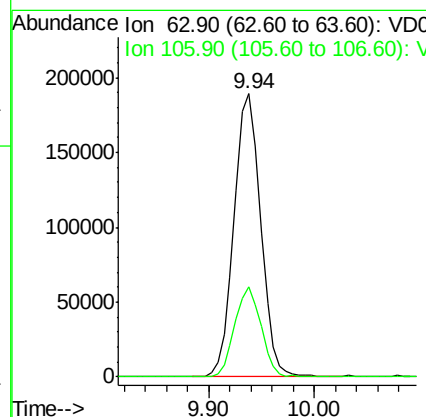
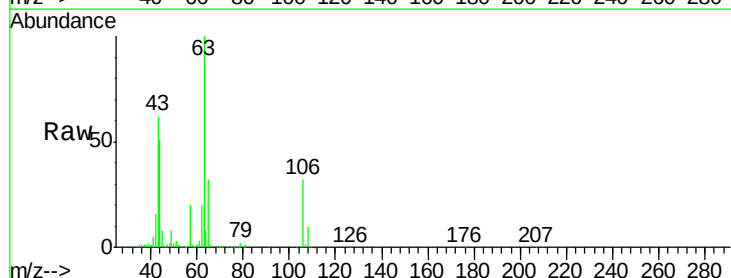
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

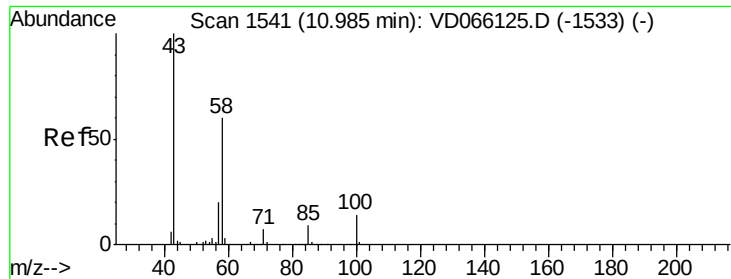
Tgt Ion: 76 Resp: 190048
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 285.905 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion: 63 Resp: 330672
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.3 37.9





#59

2-Hexanone

Concen: 285.959 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

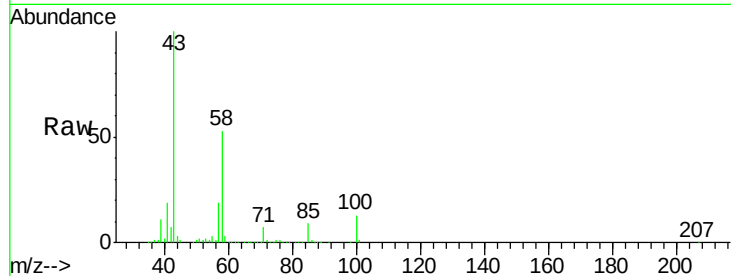
VSTDCCC050

Tgt Ion: 43 Resp: 320087

Ion Ratio Lower Upper

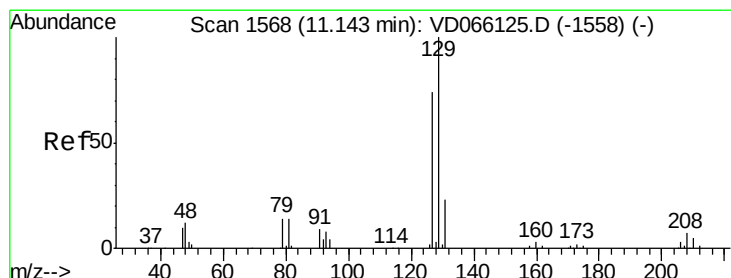
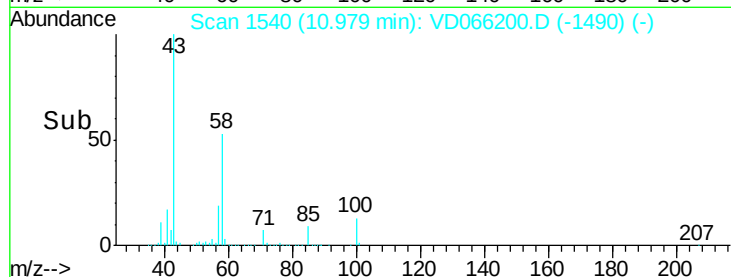
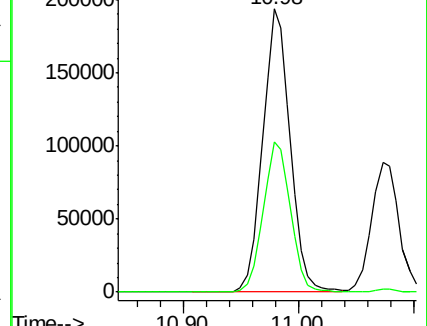
43 100

58 53.0 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#60

Dibromochloromethane

Concen: 54.161 ug/l

RT: 11.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VD066200.D

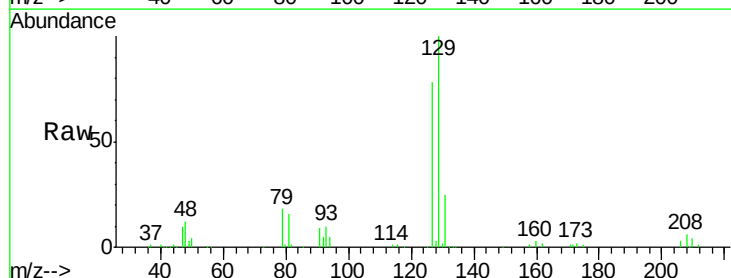
Acq: 12 Aug 2020 13:12

Tgt Ion: 129 Resp: 160046

Ion Ratio Lower Upper

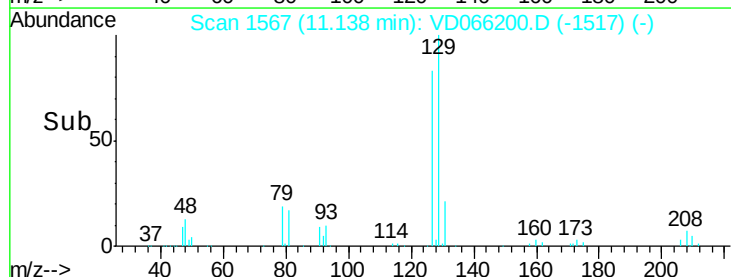
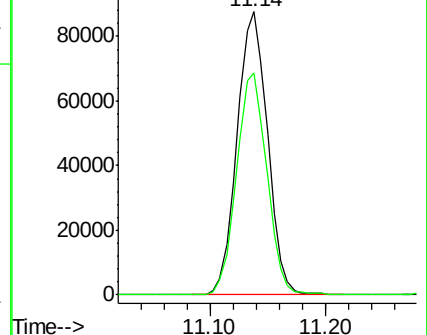
129 100

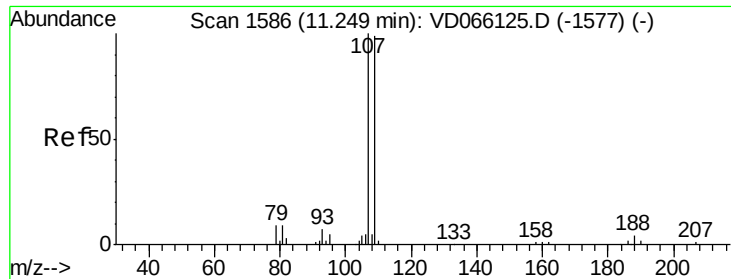
127 78.2 38.0 114.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

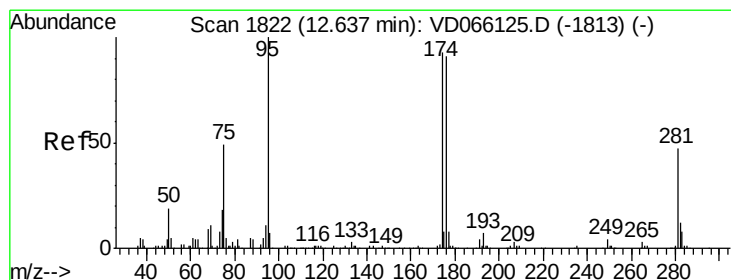
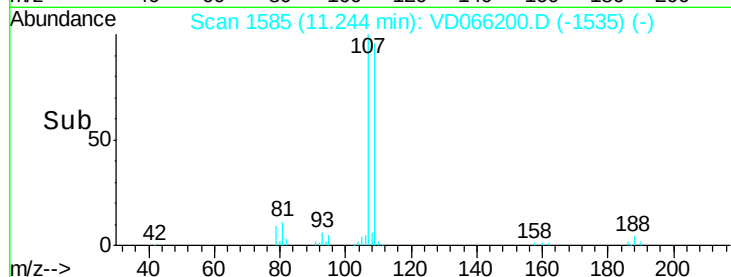
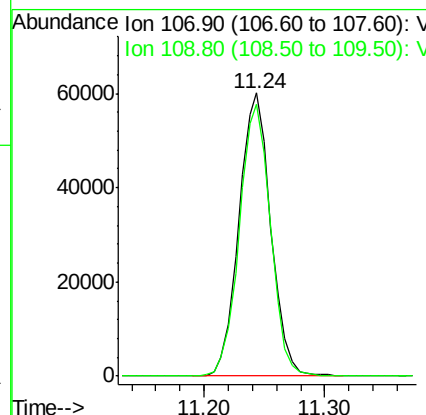
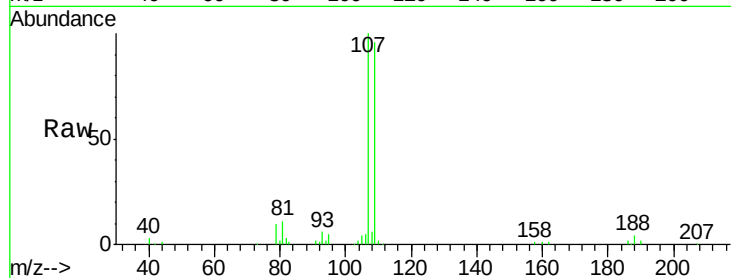




#61
 1,2-Dibromoethane
 Concen: 53.488 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

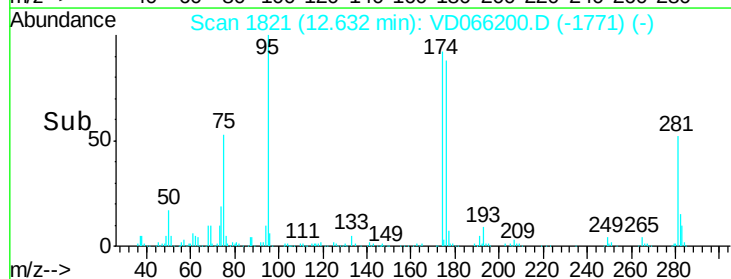
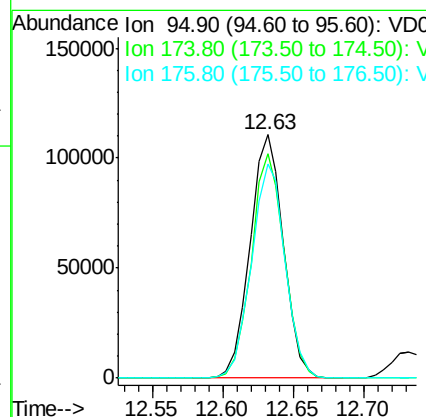
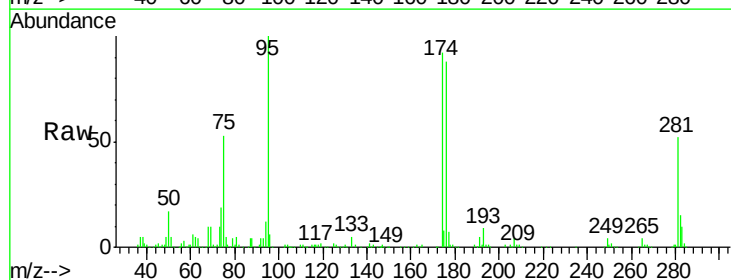
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

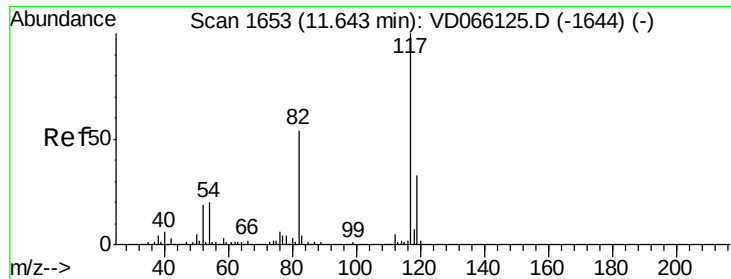
Tgt Ion: 107 Resp: 110103
 Ion Ratio Lower Upper
 107 100
 109 94.0 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 51.402 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion: 95 Resp: 183336
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 180.8
 176 88.5 0.0 181.2

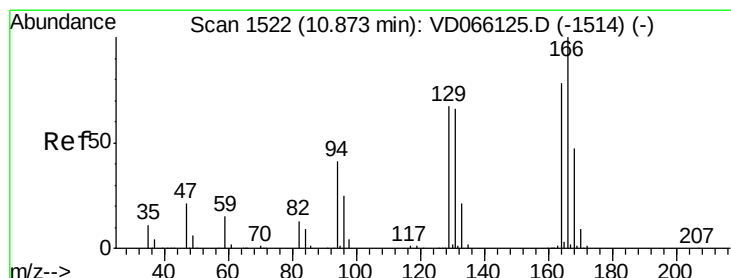
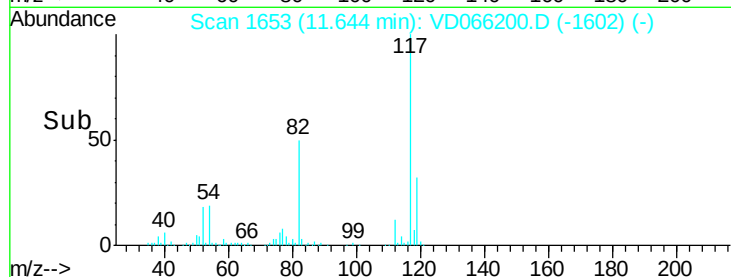
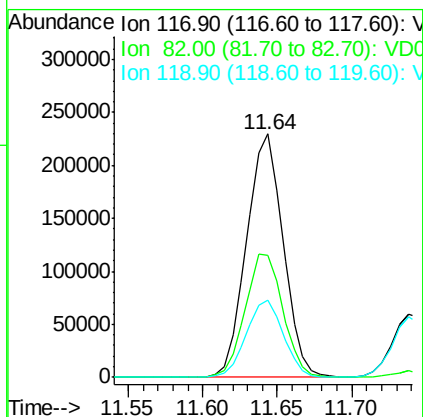
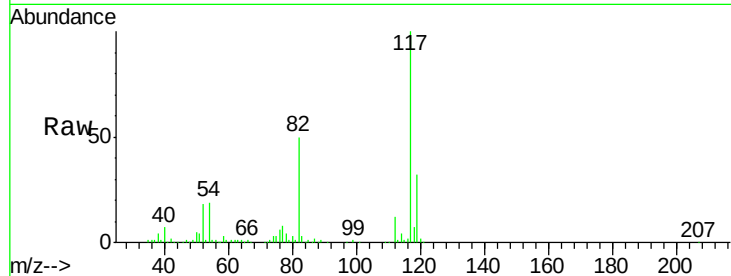




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

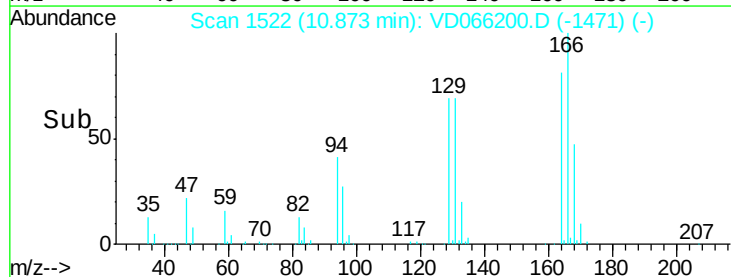
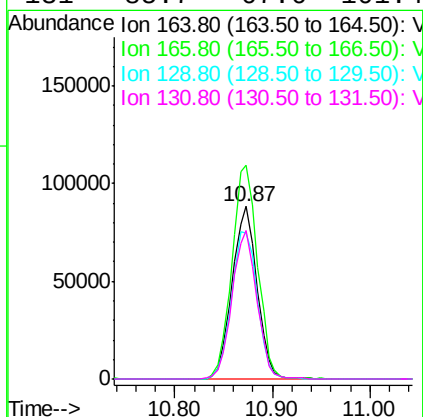
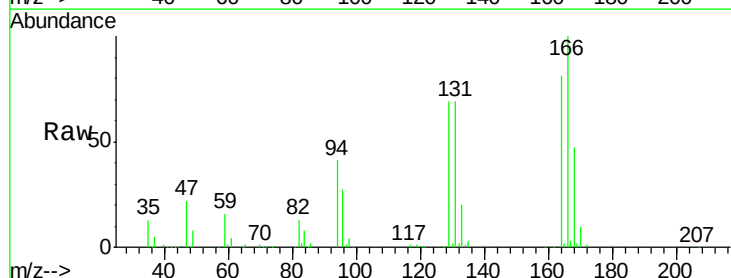
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

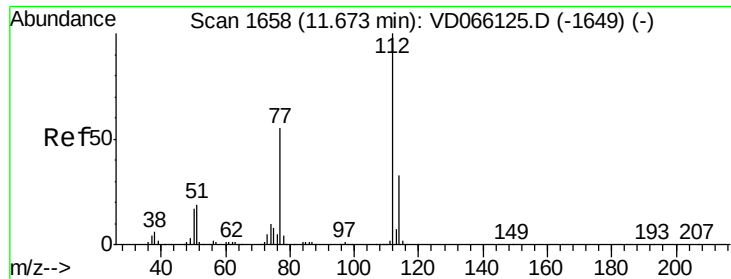
Tgt Ion:117 Resp: 390927
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 31.6 26.1 39.1



#64
Tetrachloroethene
Concen: 52.211 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion:164 Resp: 156732
Ion Ratio Lower Upper
164 100
166 123.6 101.9 152.9
129 84.8 68.1 102.1
131 85.7 67.6 101.4

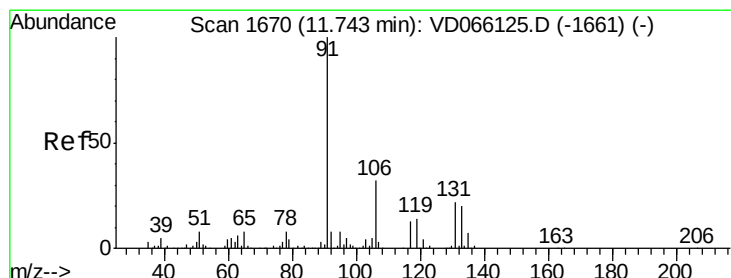
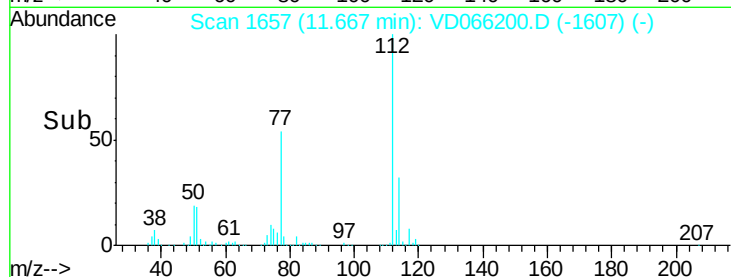
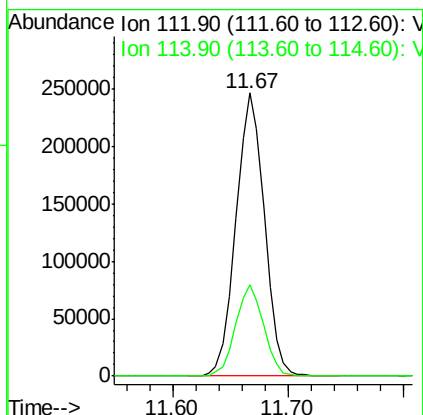
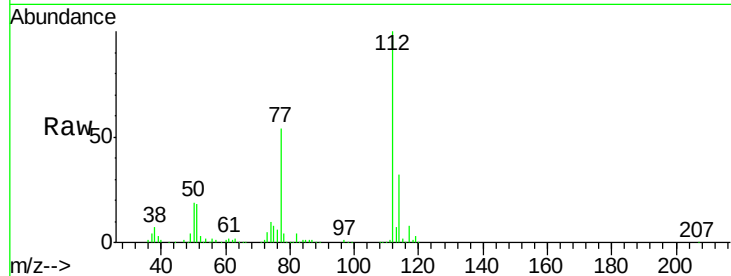




#65
Chlorobenzene
Concen: 52.955 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

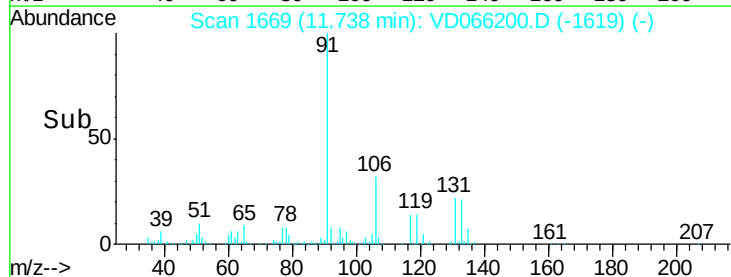
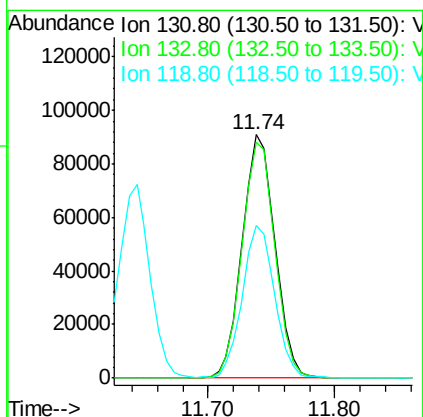
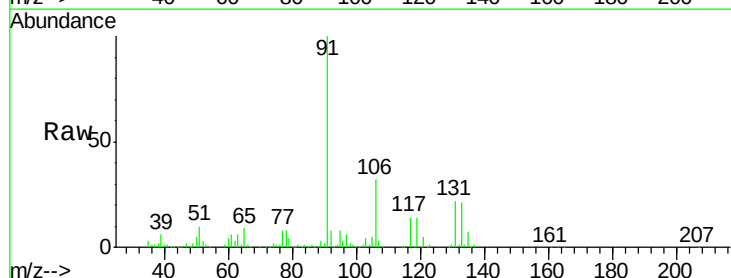
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

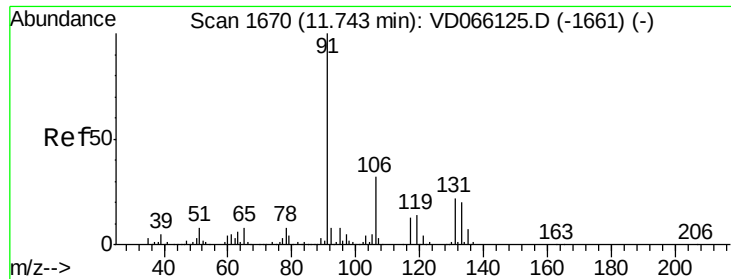
Tgt Ion:112 Resp: 420248
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.804 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion:131 Resp: 163961
Ion Ratio Lower Upper
131 100
133 97.0 47.1 141.4
119 62.1 31.6 94.7





#67

Ethyl Benzene

Concen: 54.507 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

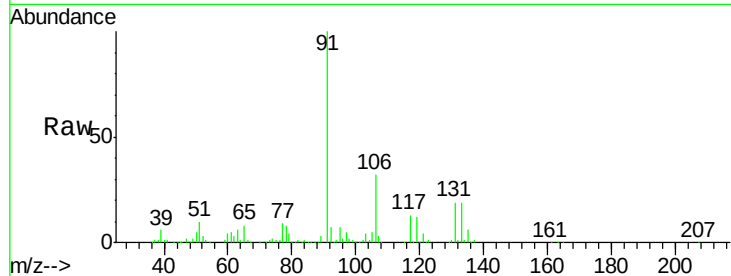
VSTDCCC050

Tgt Ion: 91 Resp: 749596

Ion Ratio Lower Upper

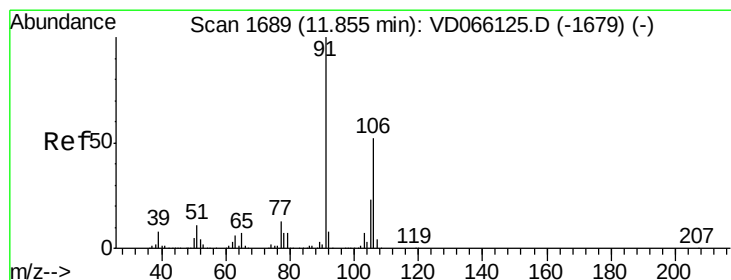
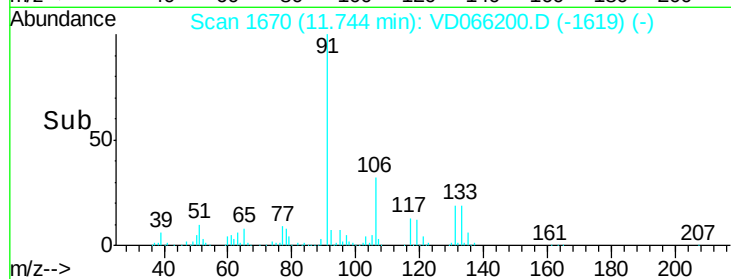
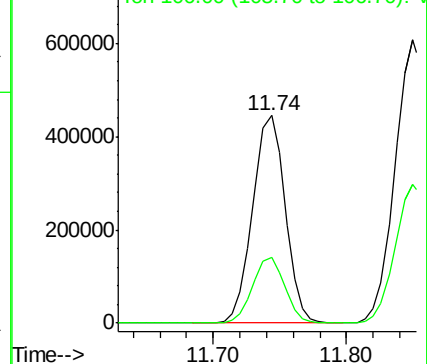
91 100

106 31.7 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 107.111 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066200.D

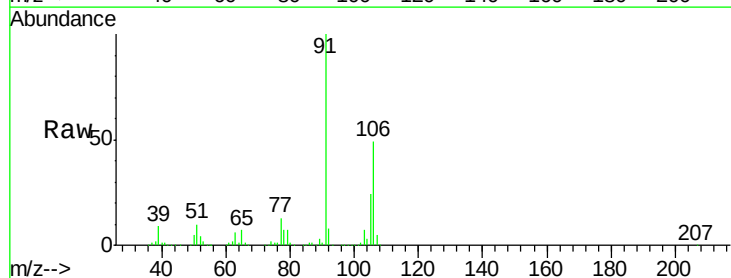
Acq: 12 Aug 2020 13:12

Tgt Ion: 106 Resp: 570706

Ion Ratio Lower Upper

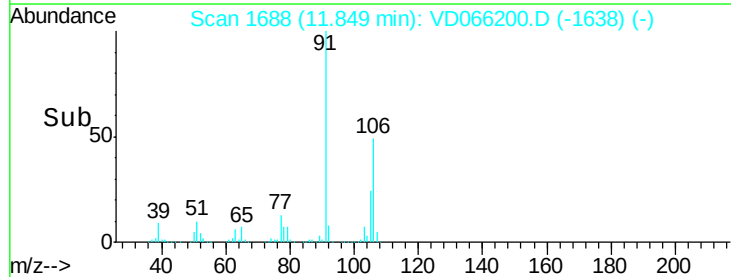
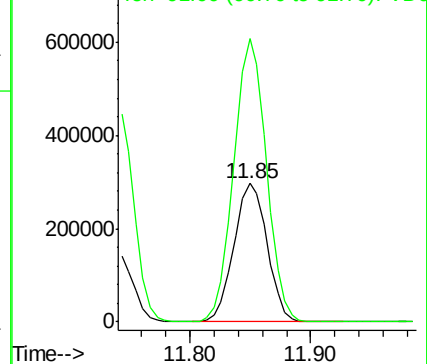
106 100

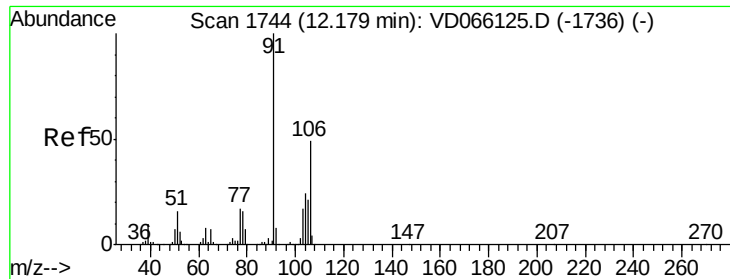
91 200.6 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

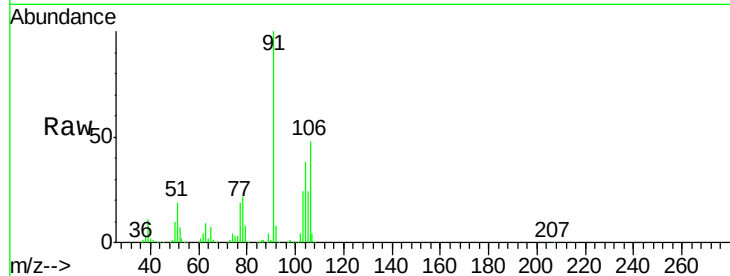




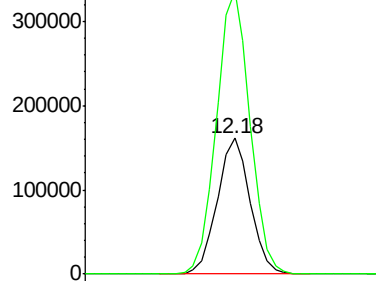
#69
o-Xylene
Concen: 54.155 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

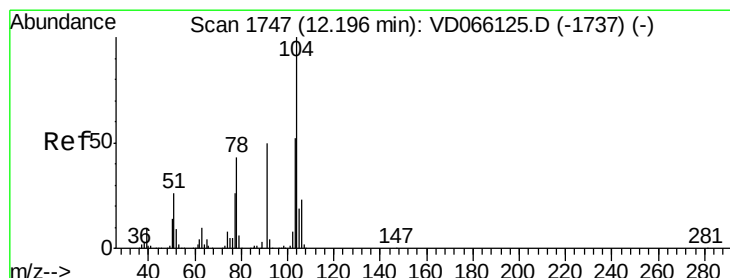
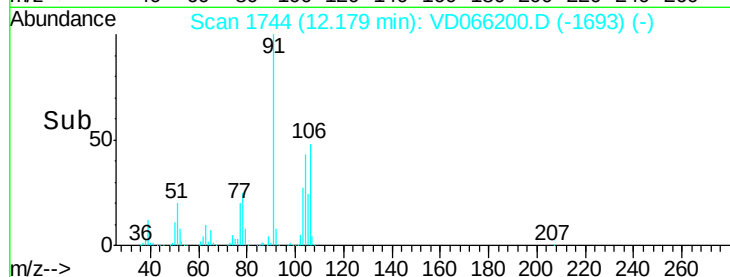
Tgt Ion:106 Resp: 262482
Ion Ratio Lower Upper
106 100
91 212.3 105.7 317.1



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

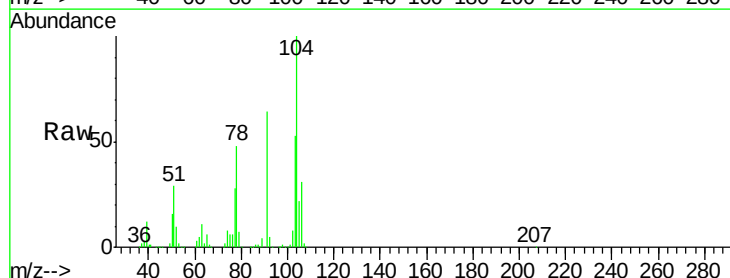


Time-->

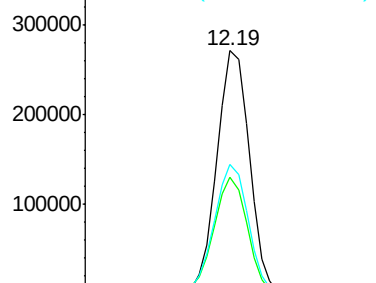


#70
Styrene
Concen: 54.192 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

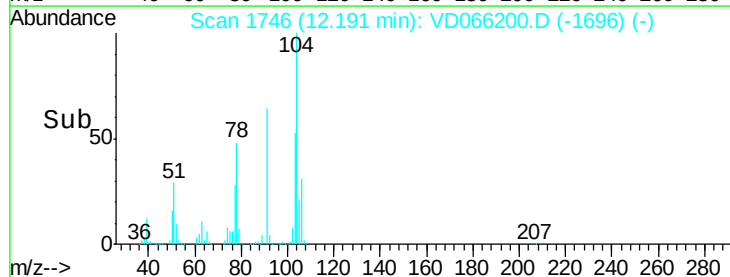
Tgt Ion:104 Resp: 460322
Ion Ratio Lower Upper
104 100
78 50.3 38.6 58.0
103 55.9 44.1 66.1

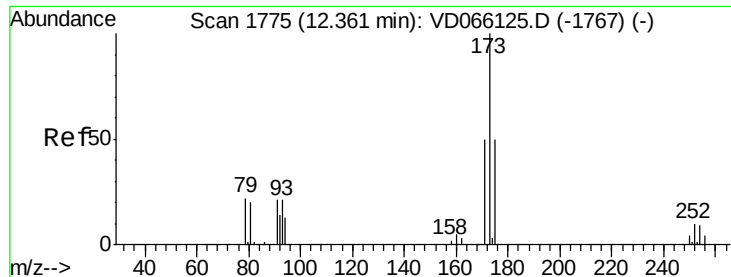


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



Time-->

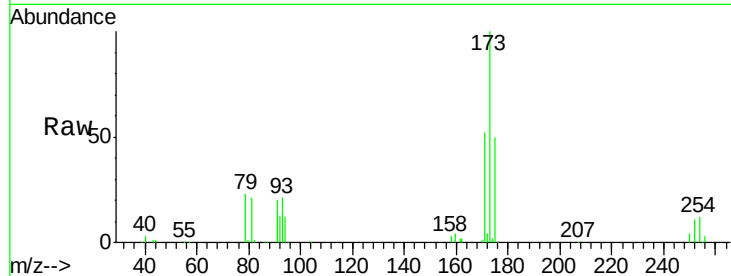




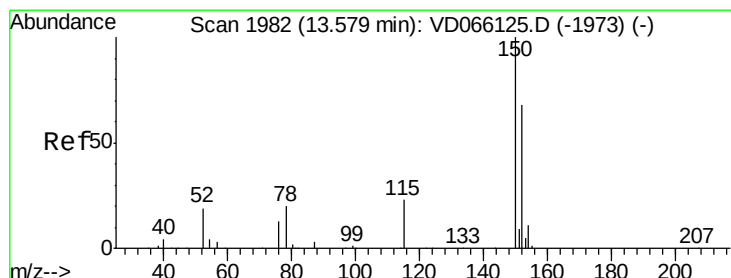
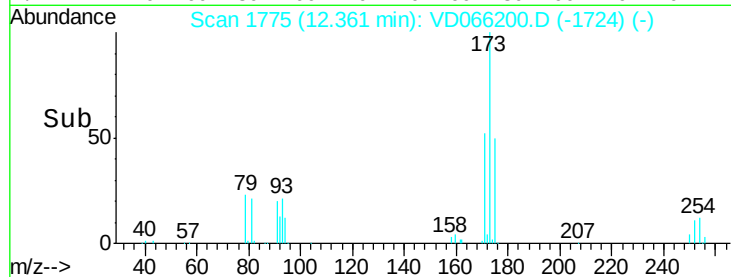
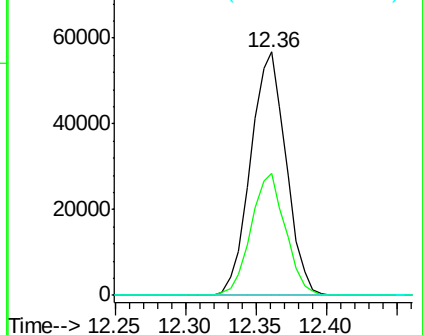
#71
Bromoform
Concen: 54.365 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 100016
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.2 0.2 0.2#

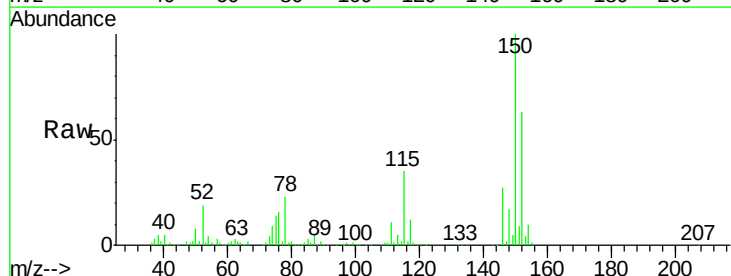


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

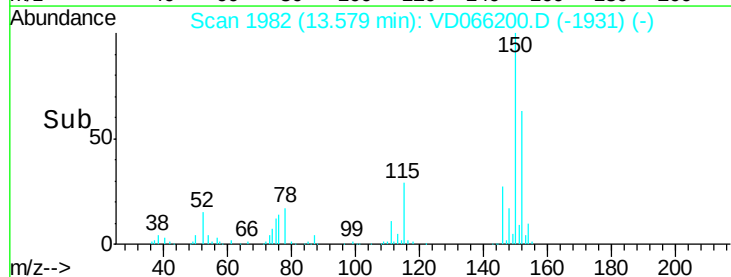
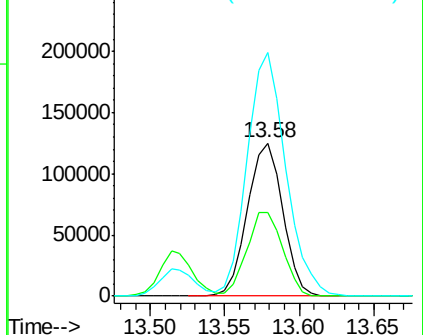


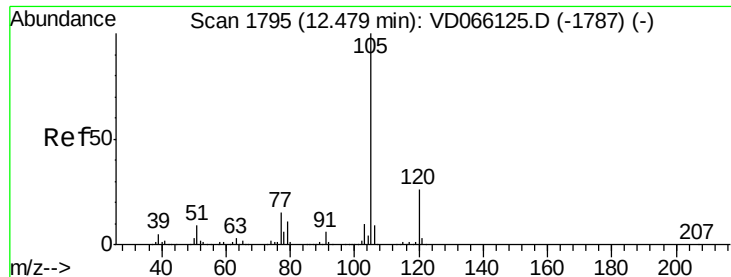
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion:152 Resp: 204275
Ion Ratio Lower Upper
152 100
115 56.0 28.0 83.9
150 173.6 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

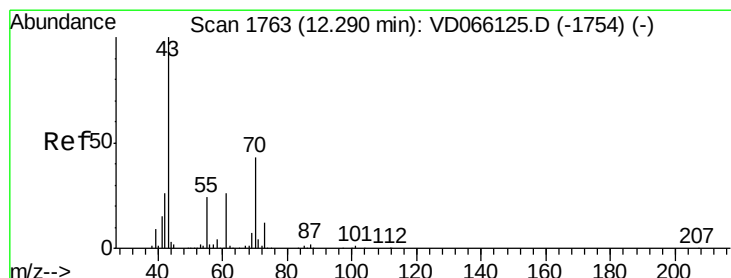
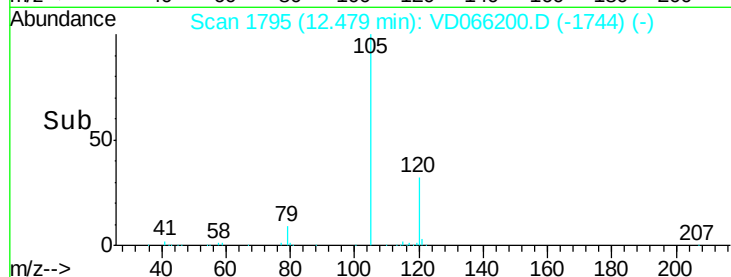
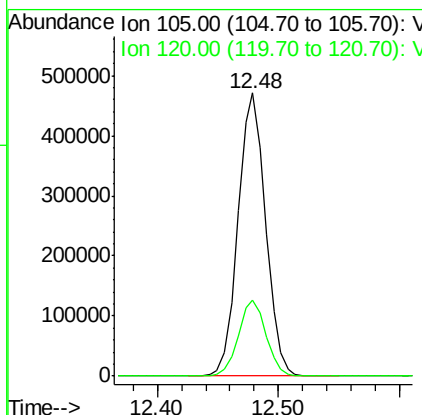
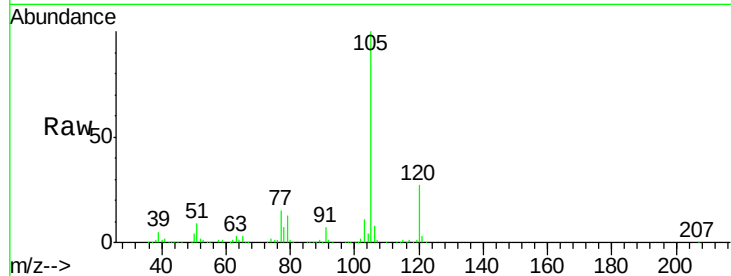




#73
Isopropylbenzene
Concen: 54.871 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

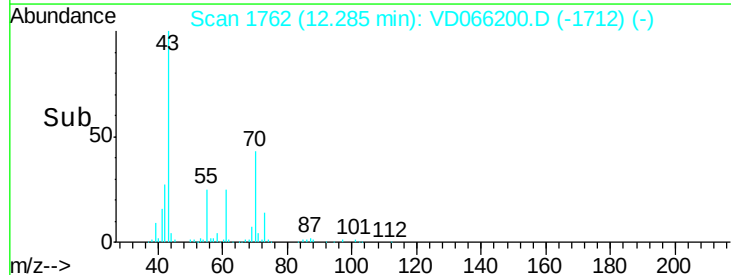
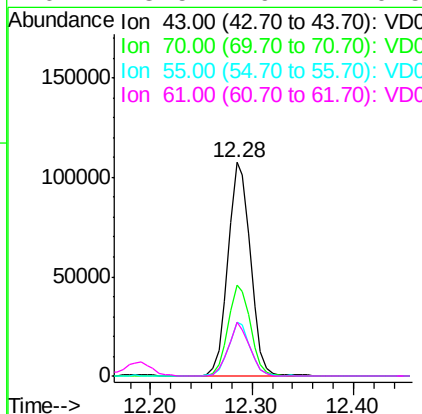
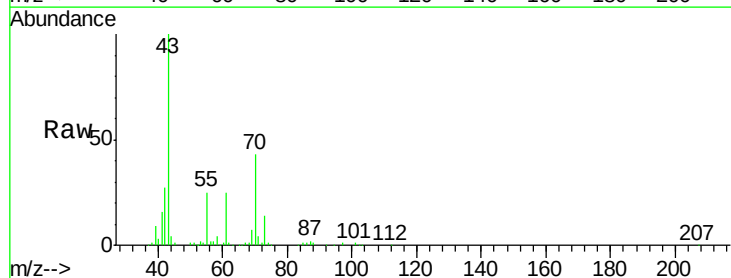
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

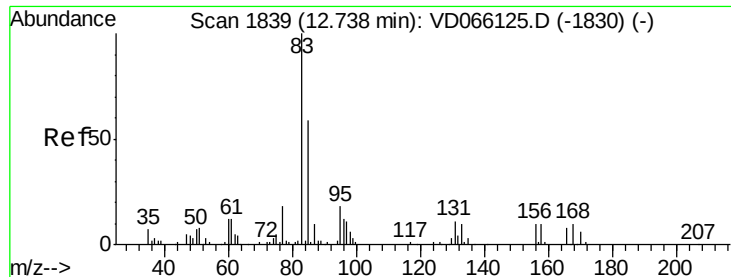
Tgt Ion: 105 Resp: 748208
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 55.216 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion: 43 Resp: 165797
Ion Ratio Lower Upper
43 100
70 42.1 34.9 52.3
55 24.3 19.2 28.8
61 23.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.243 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

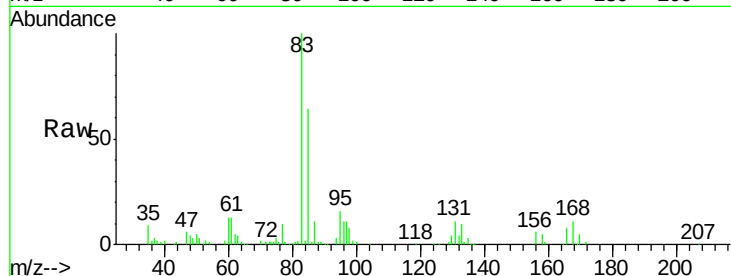
Tgt Ion: 83 Resp: 123798

Ion Ratio Lower Upper

83 100

131 11.8 6.2 18.6

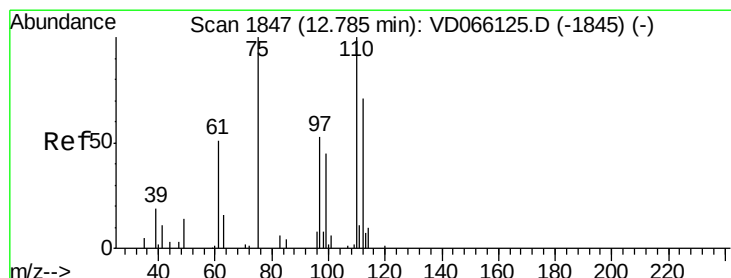
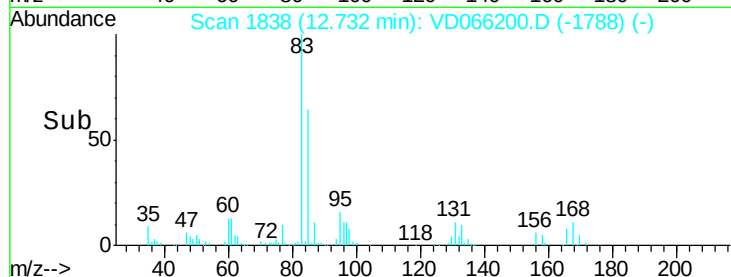
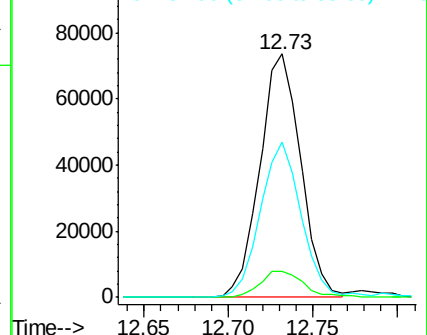
85 64.1 32.4 97.2



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: 96.691 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066200.D

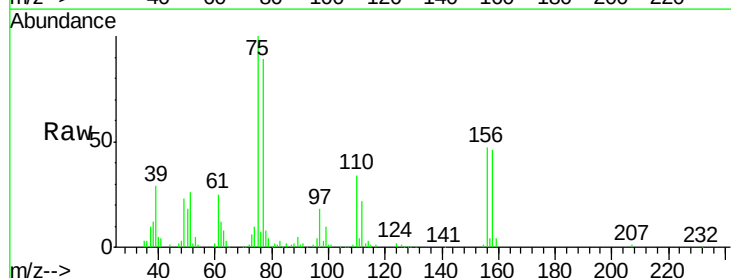
Acq: 12 Aug 2020 13:12

Tgt Ion: 75 Resp: 164714

Ion Ratio Lower Upper

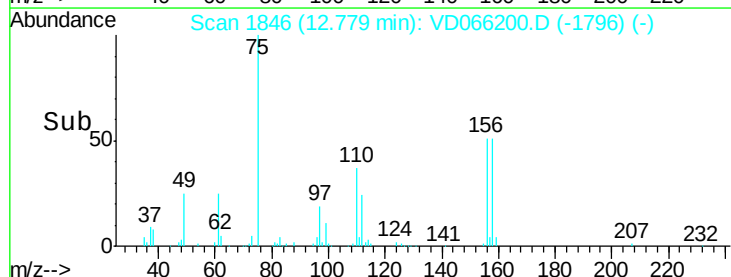
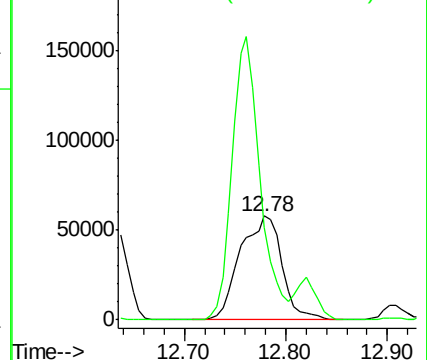
75 100

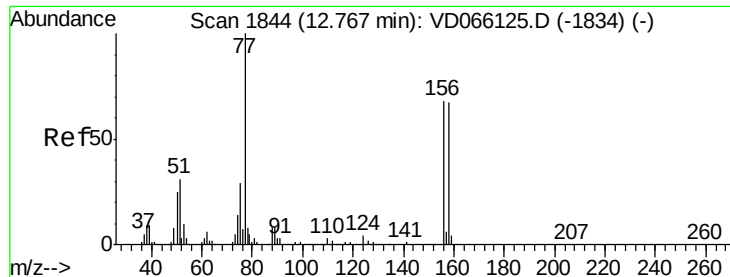
77 182.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 53.440 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

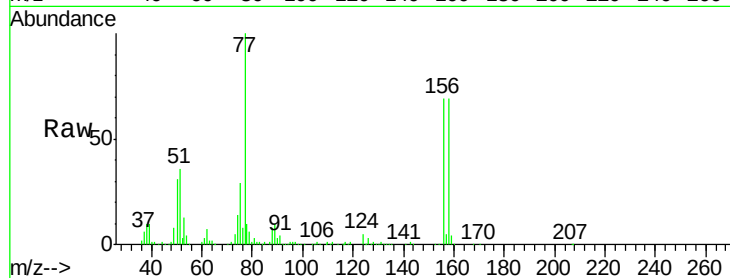
Tgt Ion:156 Resp: 187584

Ion Ratio Lower Upper

156 100

77 160.3 81.0 243.1

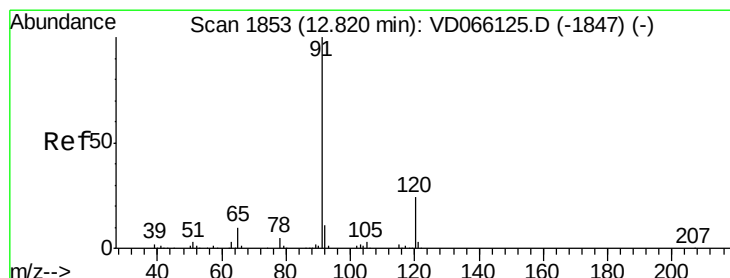
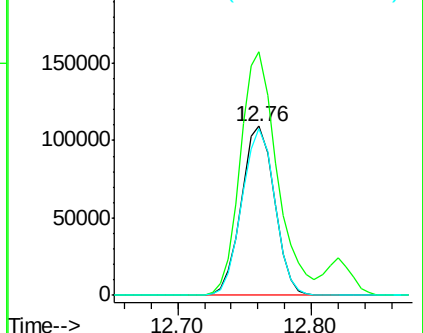
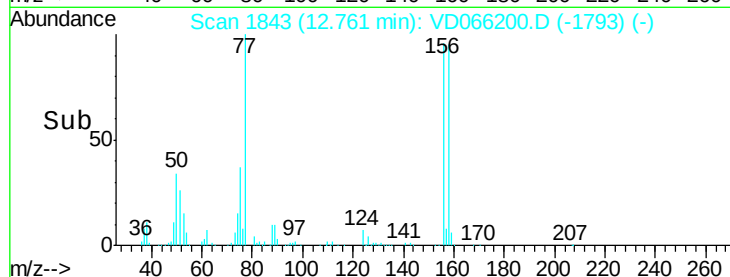
158 97.7 48.8 146.3



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: 55.095 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066200.D

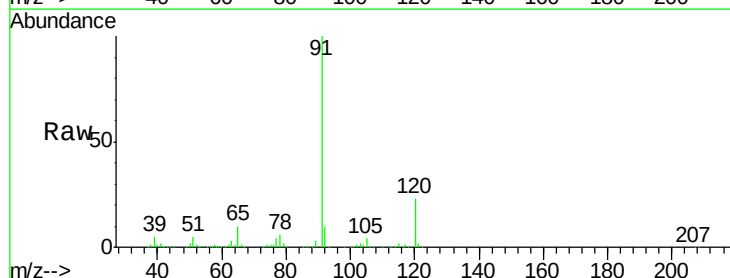
Acq: 12 Aug 2020 13:12

Tgt Ion: 91 Resp: 873292

Ion Ratio Lower Upper

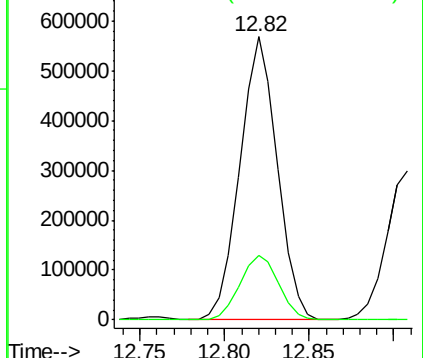
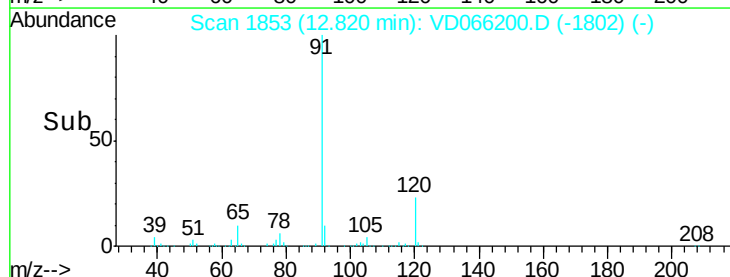
91 100

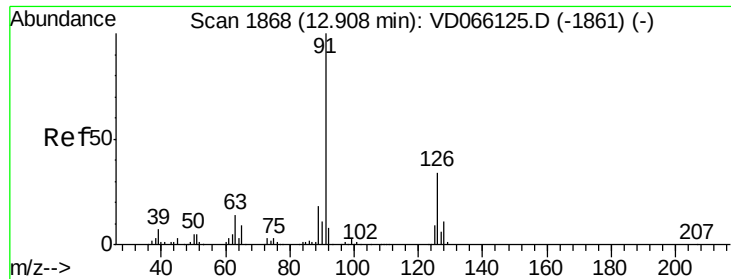
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.557 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

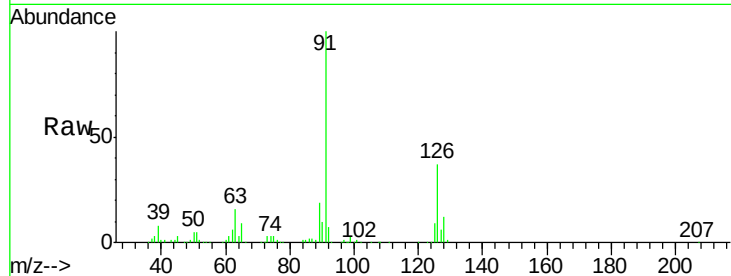
VSTDCCC050

Tgt Ion: 91 Resp: 485528

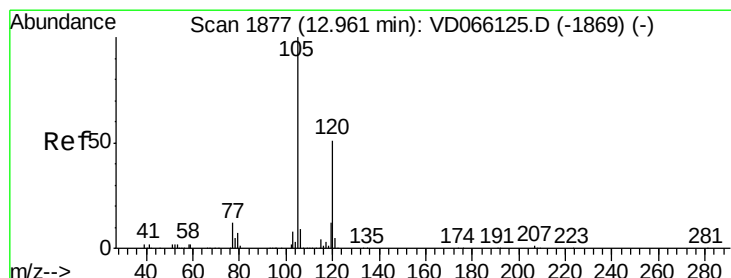
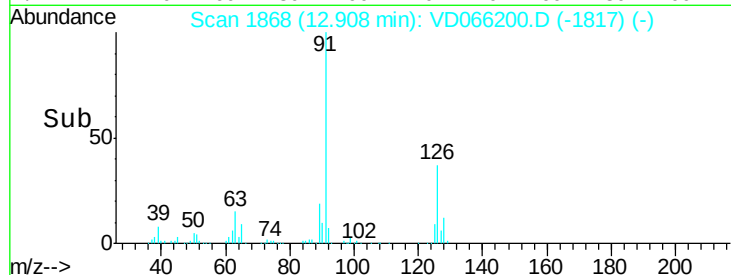
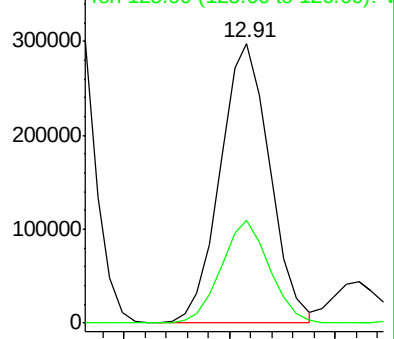
Ion Ratio Lower Upper

91 100

126 35.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066125.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.728 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066200.D

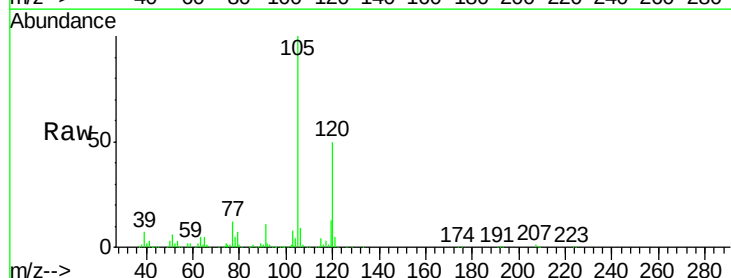
Acq: 12 Aug 2020 13:12

Tgt Ion: 105 Resp: 635506

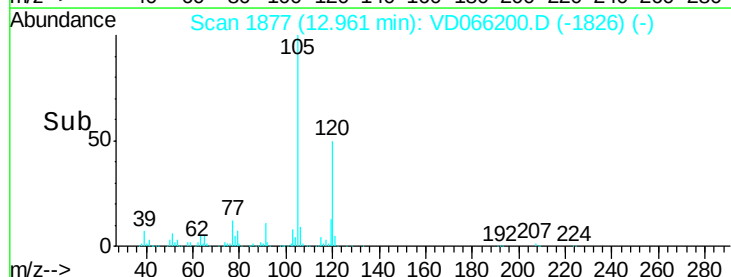
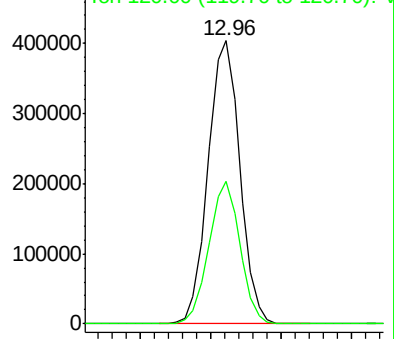
Ion Ratio Lower Upper

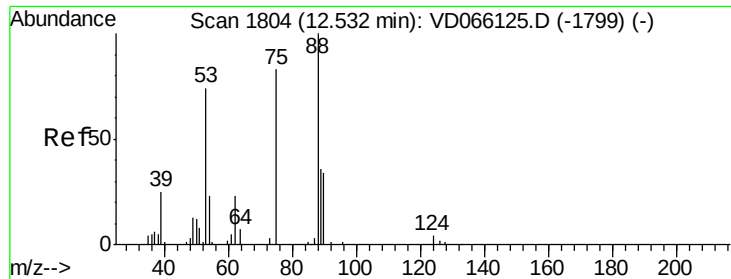
105 100

120 49.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066125.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 56.175 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

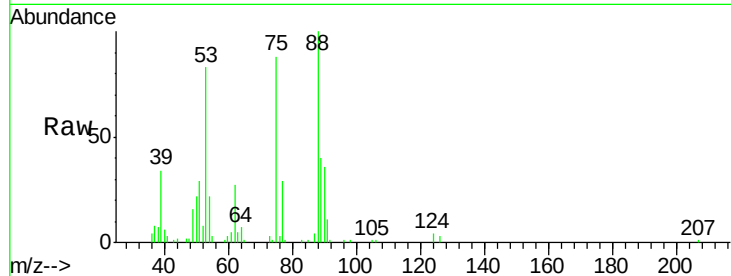
Tgt Ion: 75 Resp: 43290

Ion Ratio Lower Upper

75 100

53 94.8 73.4 110.2

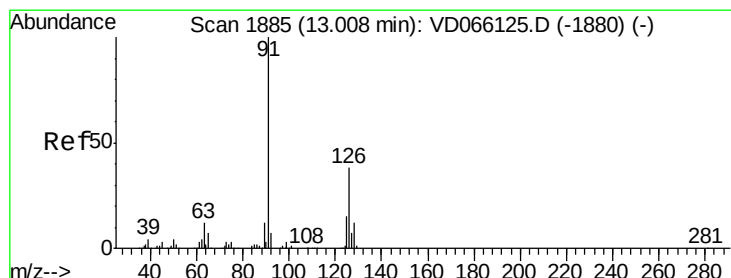
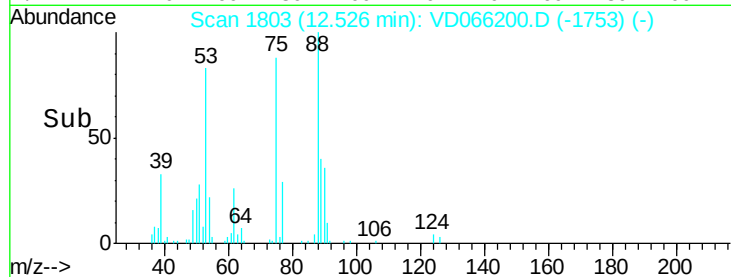
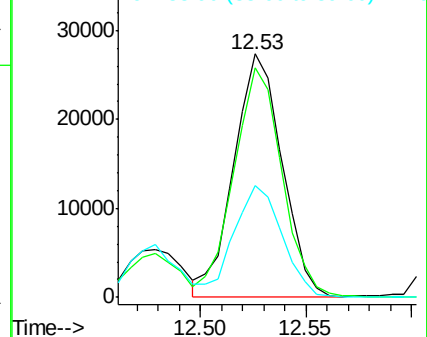
89 46.6 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 54.920 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066200.D

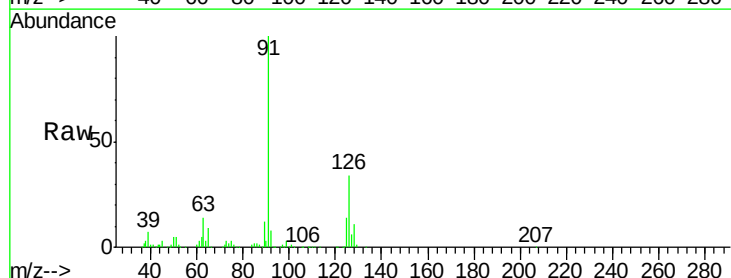
Acq: 12 Aug 2020 13:12

Tgt Ion: 91 Resp: 525582

Ion Ratio Lower Upper

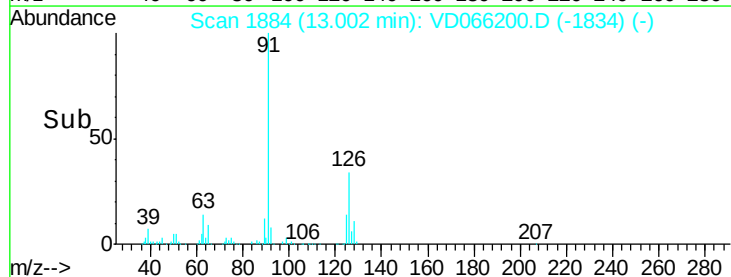
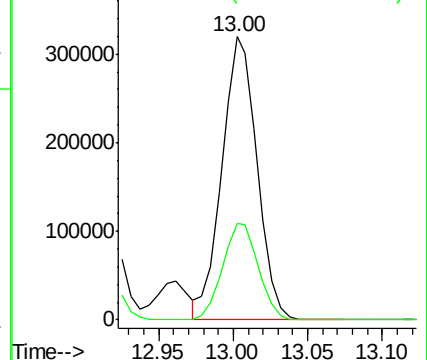
91 100

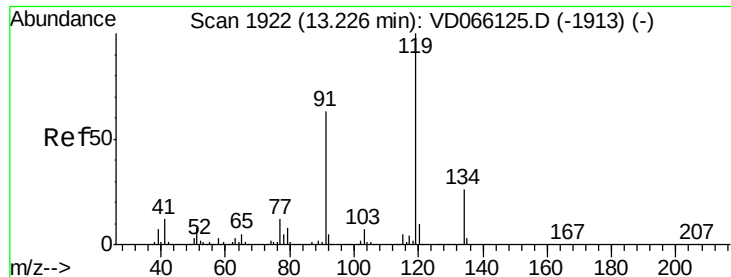
126 34.7 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

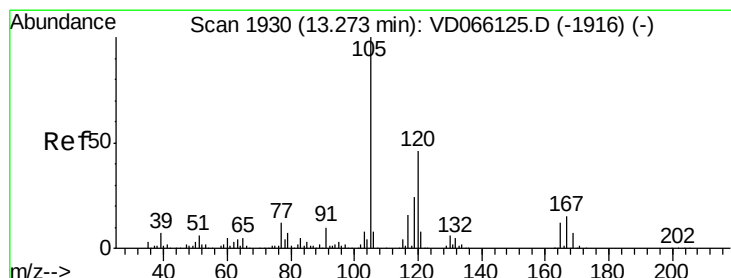
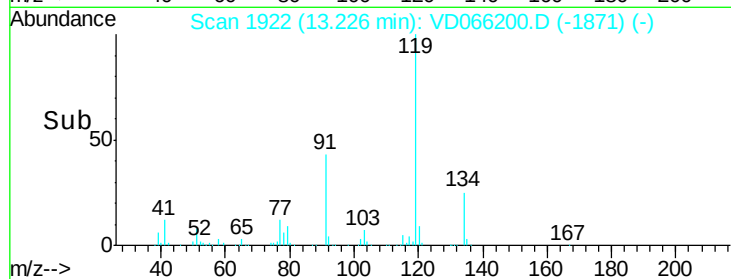
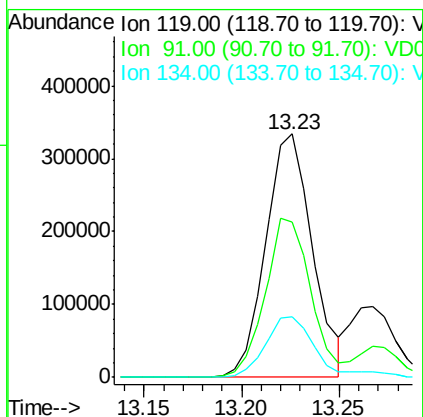
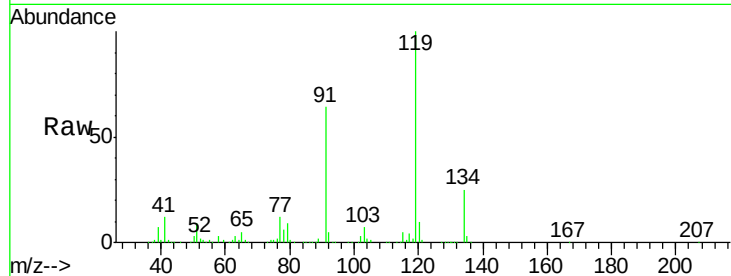




#83
 tert-Butylbenzene
 Concen: 55.264 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

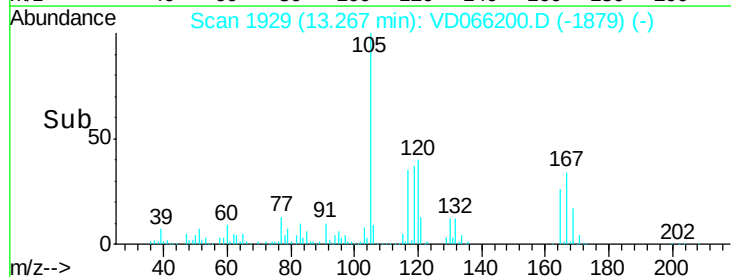
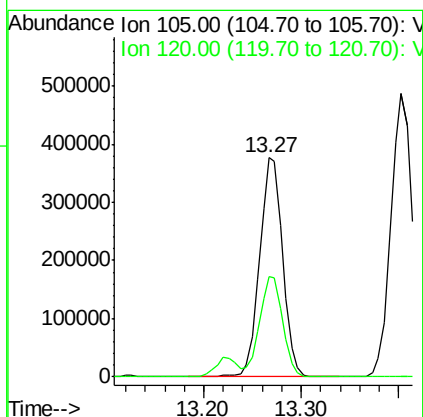
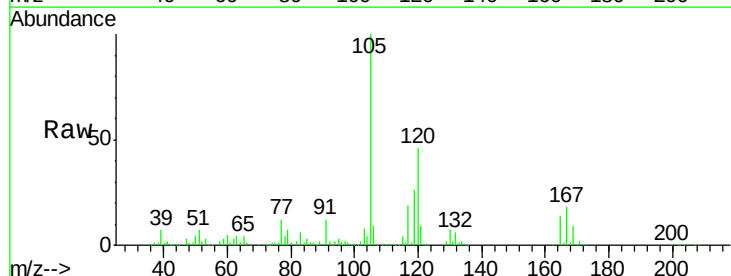
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

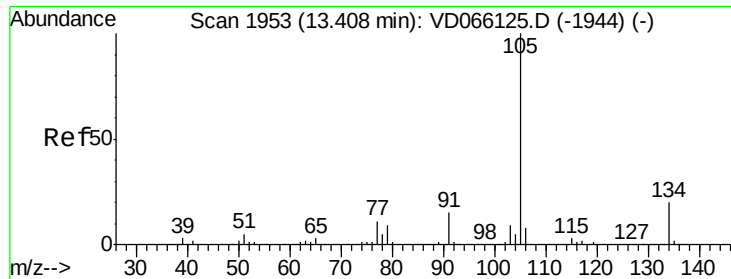
Tgt Ion:119 Resp: 554234
 Ion Ratio Lower Upper
 119 100
 91 63.3 30.8 92.4
 134 25.4 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 55.000 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion:105 Resp: 627686
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 55.594 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

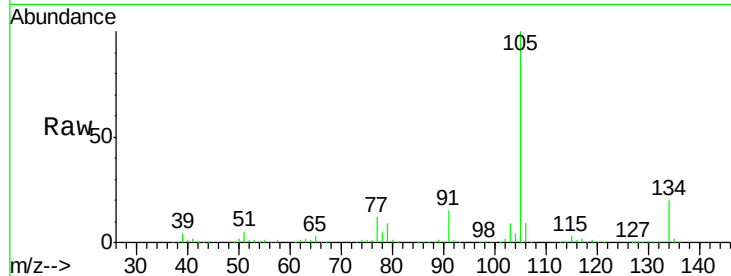
VSTDCCC050

Tgt Ion:105 Resp: 752755

Ion Ratio Lower Upper

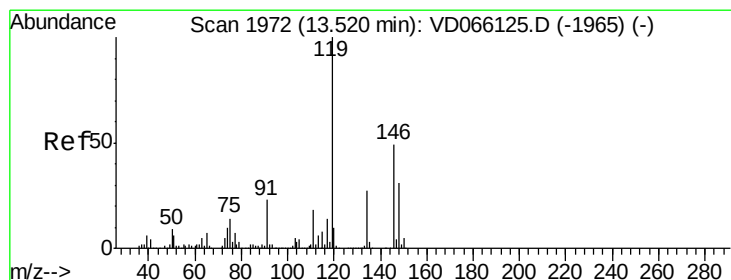
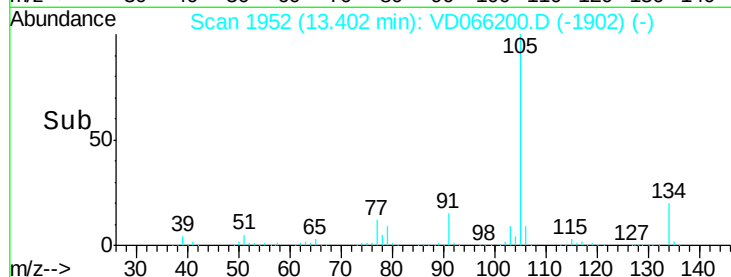
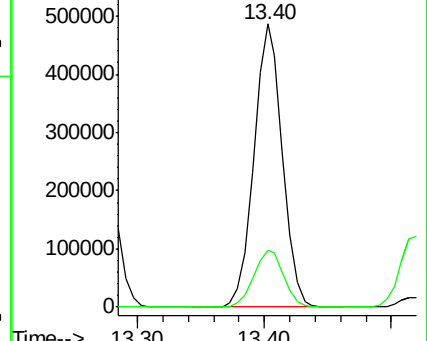
105 100

134 21.3 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.319 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066200.D

Acq: 12 Aug 2020 13:12

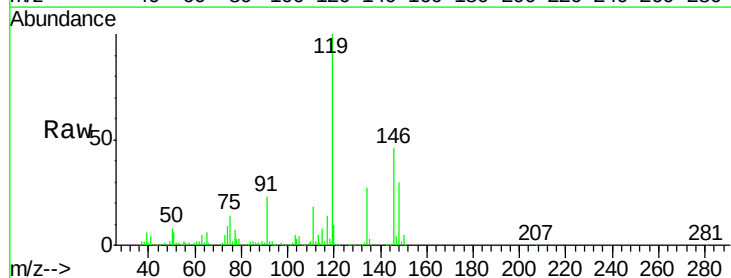
Tgt Ion:119 Resp: 702529

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

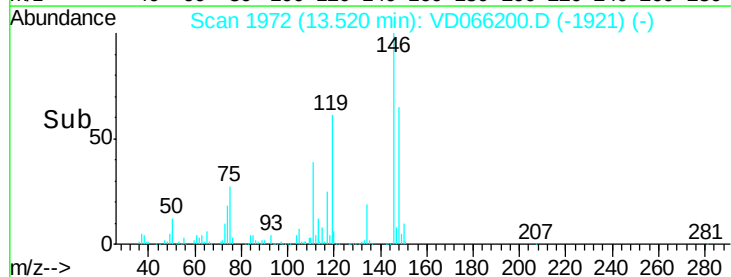
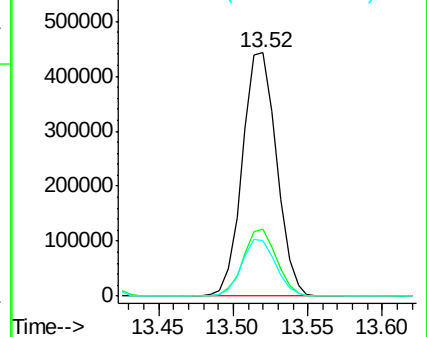
91 23.0 11.2 33.5

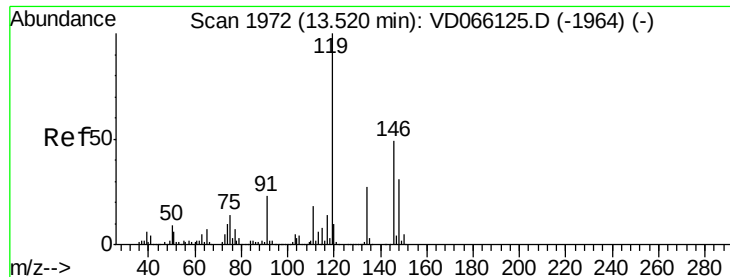


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

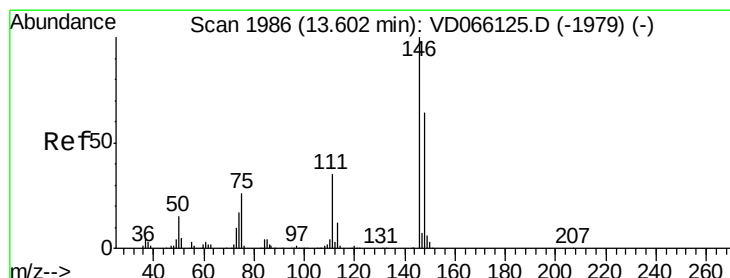
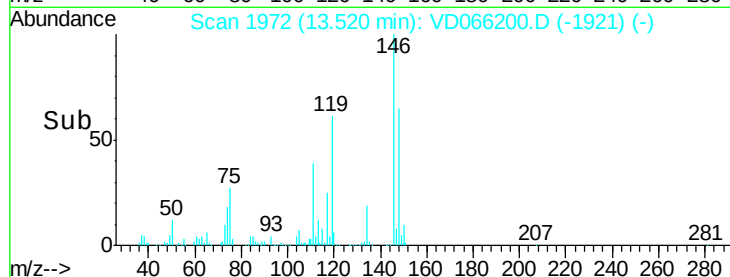
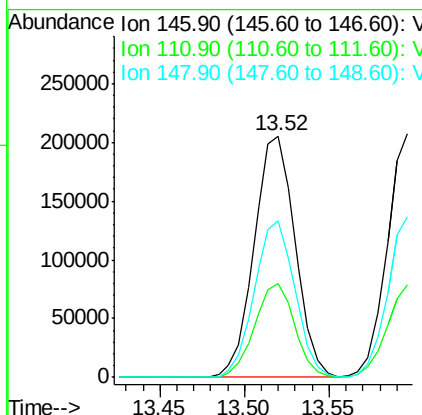
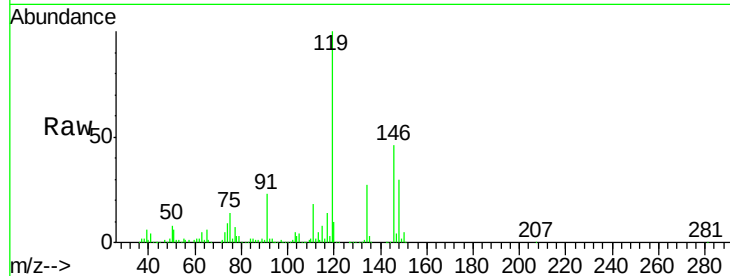




#87
 1,3-Dichlorobenzene
 Concen: 52.435 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

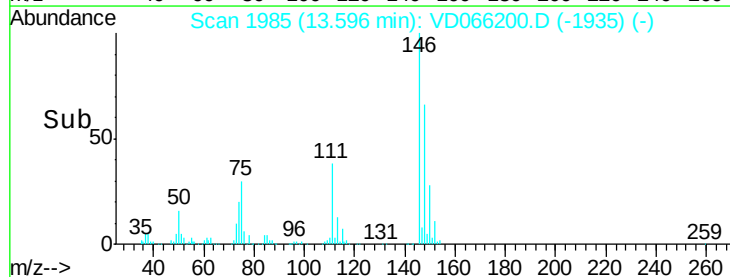
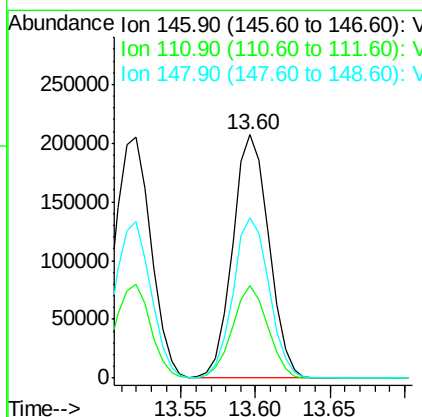
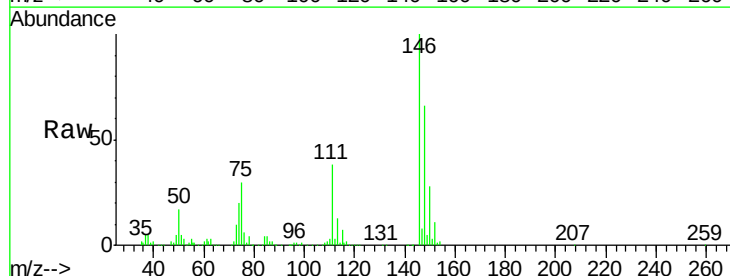
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

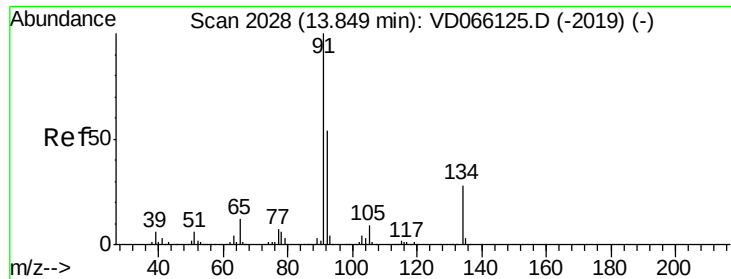
Tgt Ion:146 Resp: 345921
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.136 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion:146 Resp: 349596
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.8
 148 65.4 32.4 97.0

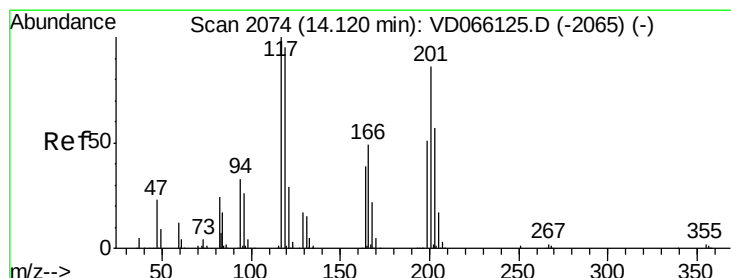
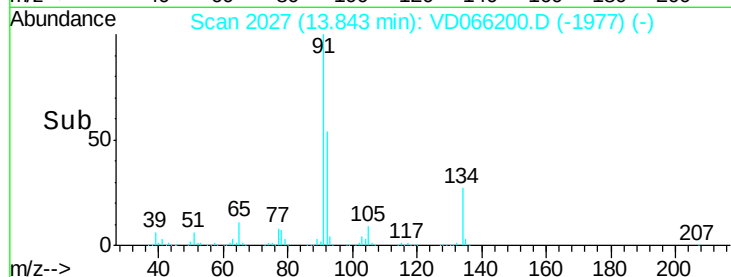
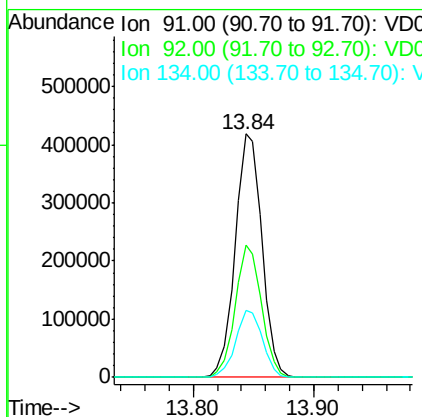
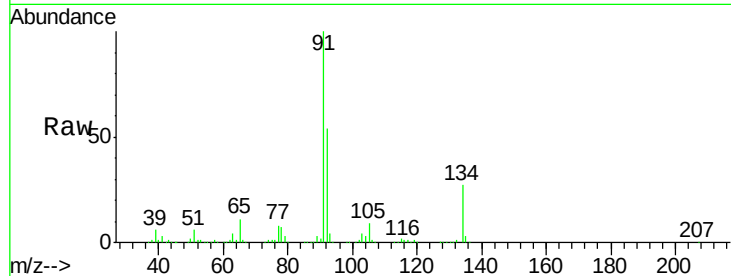




#89
n-Butylbenzene
Concen: 56.705 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

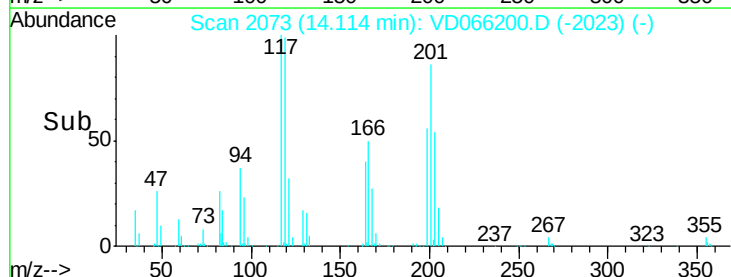
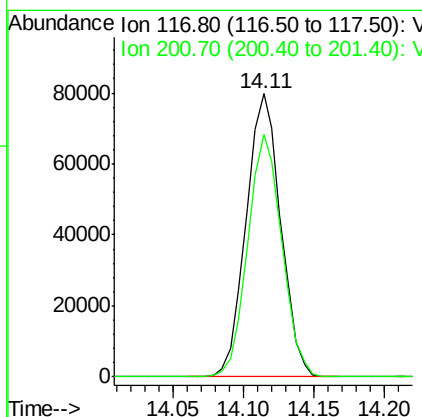
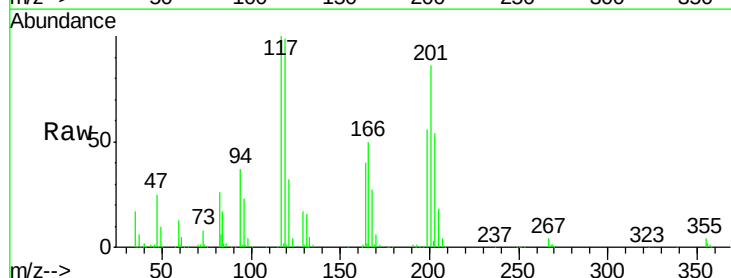
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

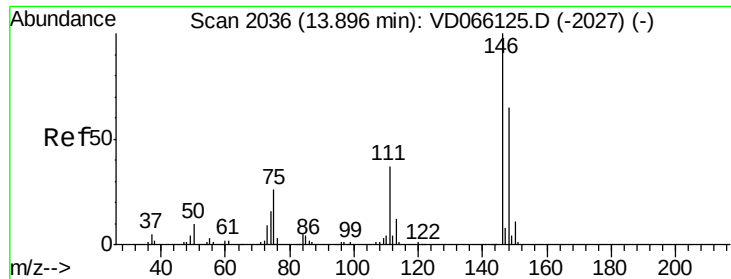
Tgt Ion: 91 Resp: 645210
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.3
134 27.7 14.0 41.9



#90
Hexachloroethane
Concen: 54.155 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion: 117 Resp: 137164
Ion Ratio Lower Upper
117 100
201 84.5 42.7 128.1

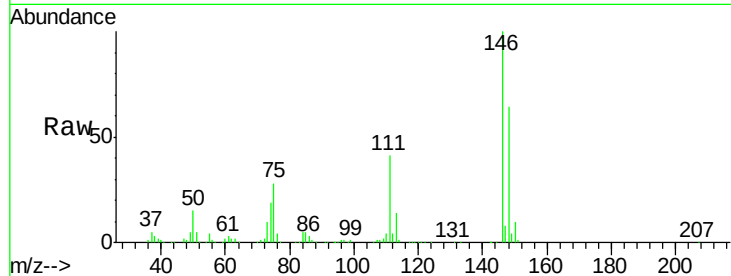




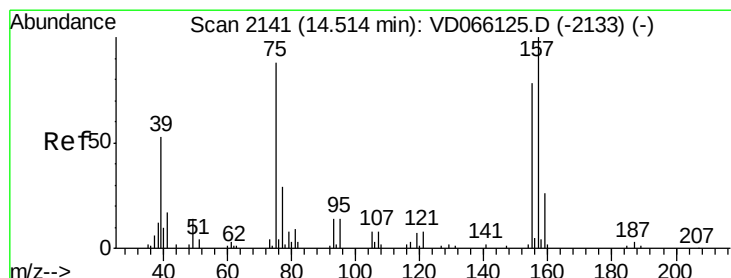
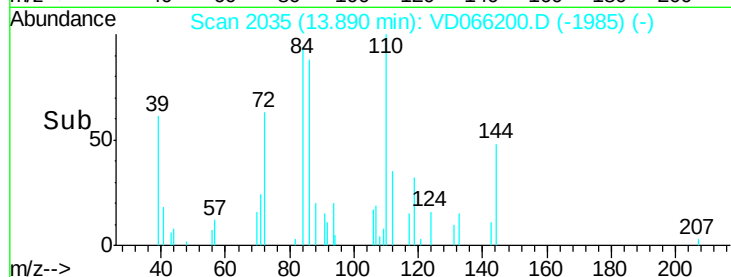
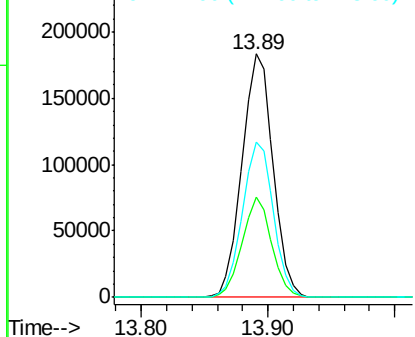
#91
 1,2-Dichlorobenzene
 Concen: 53.326 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.8	56.3
148	63.5	31.9	95.5

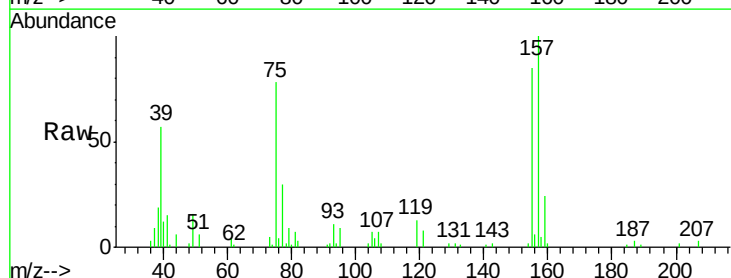


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

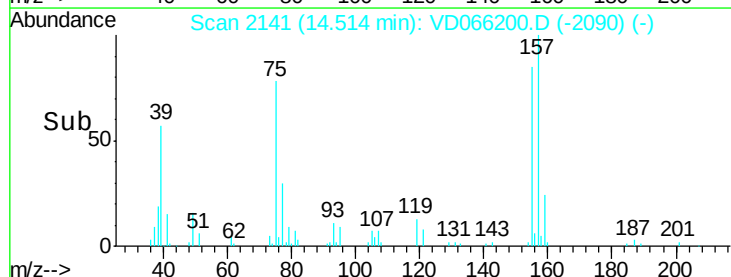
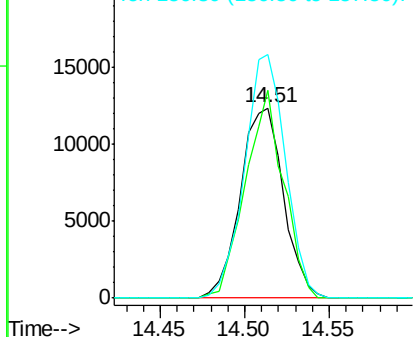


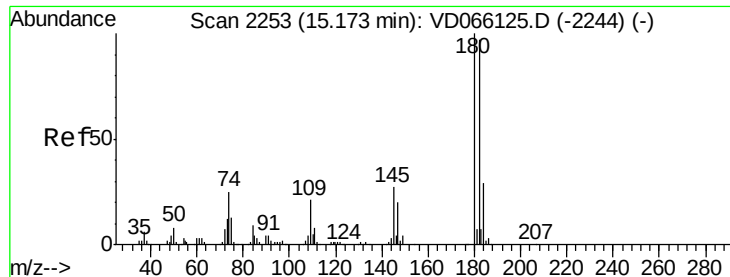
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.005 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	47.7	143.1
157	122.0	62.1	186.2



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

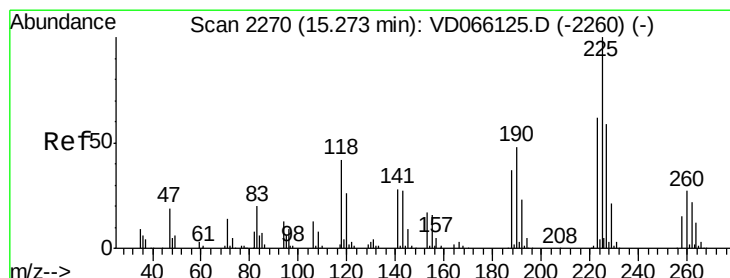
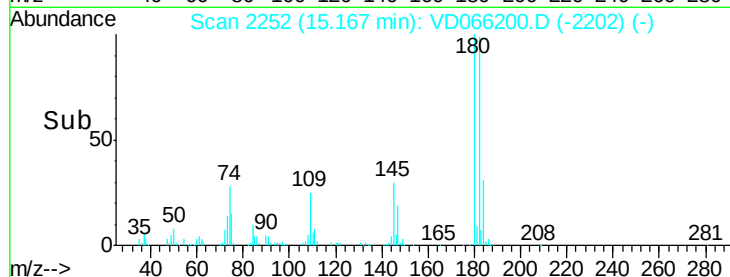
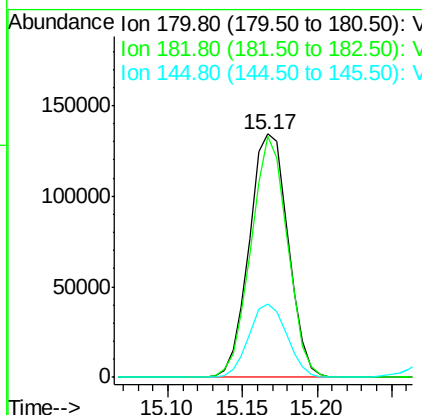
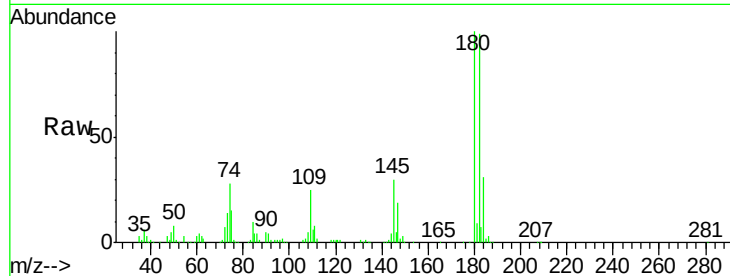




#93
 1,2,4-Trichlorobenzene
 Concen: 56.105 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

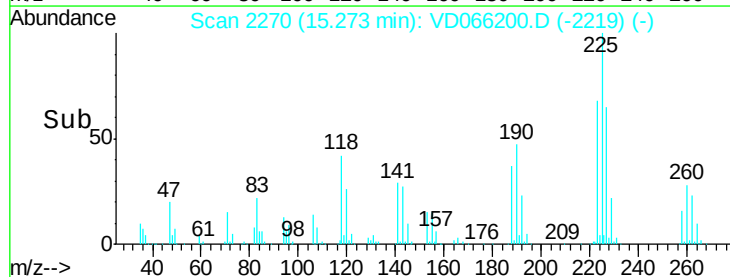
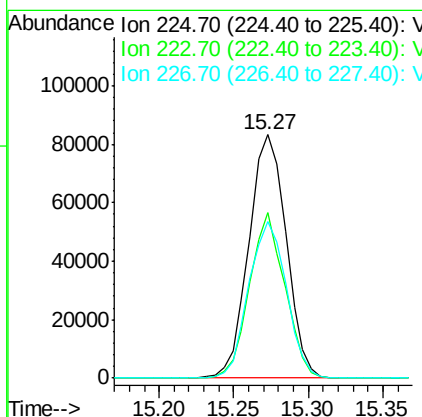
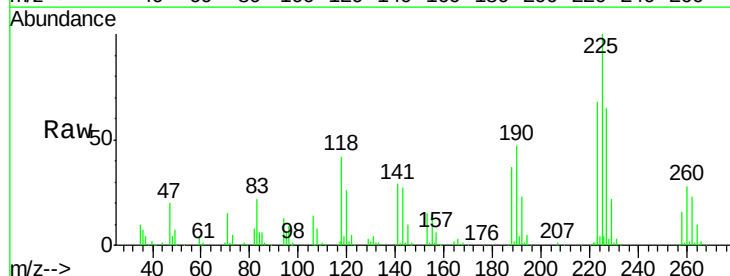
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

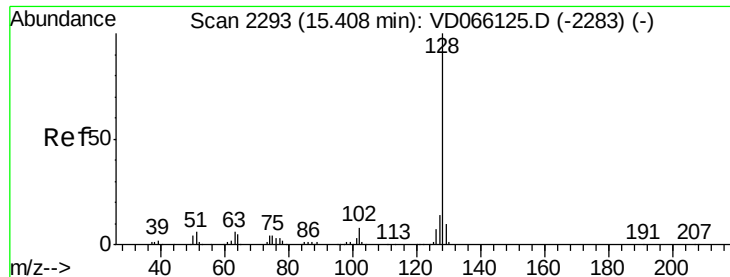
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.4	142.2
145	29.6	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 56.914 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066200.D
 Acq: 12 Aug 2020 13:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.3	96.9
227	65.0	32.1	96.5

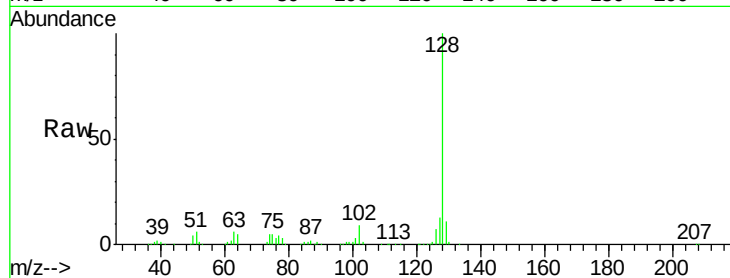




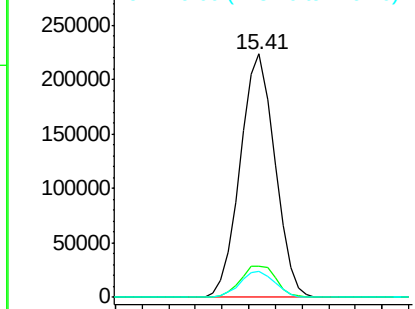
#95
Naphthalene
Concen: 57.455 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

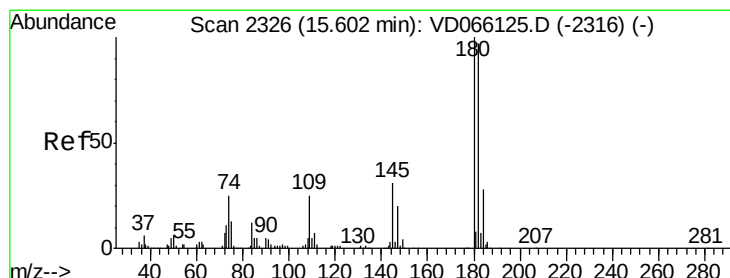
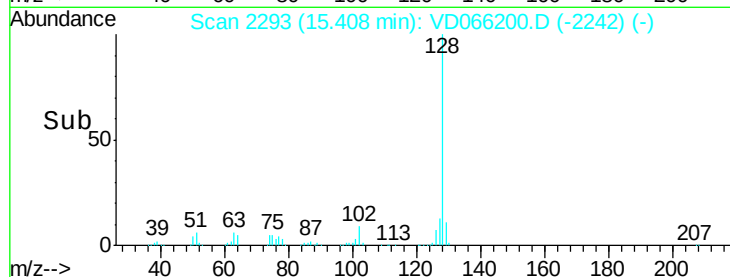
Tgt Ion:128 Resp: 402518
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 10.8 8.8 13.2



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

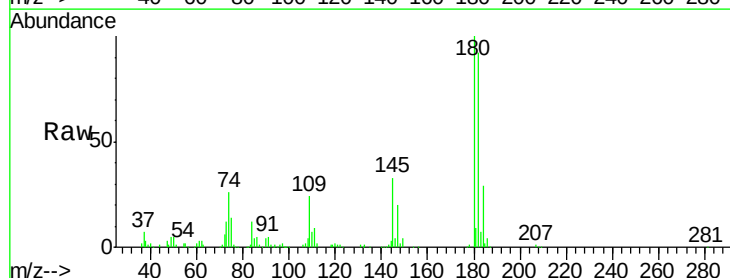


Time--> 15.30 15.40 15.50

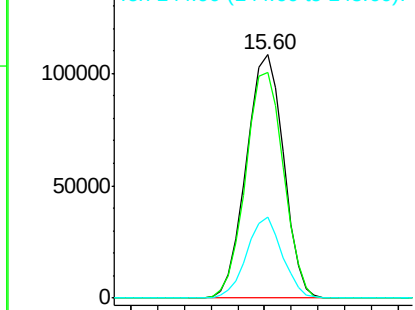


#96
1,2,3-Trichlorobenzene
Concen: 55.084 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066200.D
Acq: 12 Aug 2020 13:12

Tgt Ion:180 Resp: 209075
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.4
145 31.8 14.9 44.9



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



Time--> 15.50 15.60

