

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066411.D
 Acq On : 26 Aug 2020 10:41
 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 27 07:26:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	201338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	272317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	248740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	101676	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	7.91	113	82415	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	10.34	98	304559	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.63	95	111444	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	80375	46.957	ug/l	98
3) Chloromethane	2.20	50	52364	43.159	ug/l	97
4) Vinyl Chloride	2.35	62	60792	46.667	ug/l	96
5) Bromomethane	2.76	94	55172	56.623	ug/l	99
6) Chloroethane	2.92	64	40725	48.823	ug/l	95
7) Trichlorofluoromethane	3.27	101	183962	51.933	ug/l	93
8) Diethyl Ether	3.71	74	36806	46.374	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	83714	47.887	ug/l	99
10) Methyl Iodide	4.30	142	68792	34.502	ug/l	96
11) Tert butyl alcohol	5.21	59	33807	309.171	ug/l #	71
12) 1,1-Dichloroethene	4.07	96	79102	48.204	ug/l	94
13) Acrolein	3.92	56	14436	164.693	ug/l	91
14) Allyl chloride	4.71	41	98987	45.194	ug/l	90
15) Acrylonitrile	5.42	53	76737	240.976	ug/l	97
16) Acetone	4.16	43	103280	290.223	ug/l	94
17) Carbon Disulfide	4.41	76	229978	46.244	ug/l	99
18) Methyl Acetate	4.71	43	30760	46.055	ug/l	92
19) Methyl tert-butyl Ether	5.47	73	201357	50.960	ug/l #	92
20) Methylene Chloride	4.96	84	89286	46.510	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	90094	47.165	ug/l	95
22) Diisopropyl ether	6.36	45	198254	46.751	ug/l #	96
23) Vinyl Acetate	6.30	43	646672	246.330	ug/l	96
24) 1,1-Dichloroethane	6.26	63	141364	47.172	ug/l	97
25) 2-Butanone	7.21	43	102755	254.348	ug/l	98
26) 2,2-Dichloropropane	7.20	77	170253	53.006	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	99536	48.631	ug/l	98
28) Bromochloromethane	7.54	49	49712	48.158	ug/l	92
29) Tetrahydrofuran	7.56	42	53388	232.664	ug/l	94
30) Chloroform	7.71	83	176071	50.781	ug/l	97
31) Cyclohexane	7.98	56	115019	41.966	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	186510	52.559	ug/l	100
36) 1,1-Dichloropropene	8.11	75	127255	51.215	ug/l	99
37) Ethyl Acetate	7.29	43	42767	50.606	ug/l #	95
38) Carbon Tetrachloride	8.09	117	184101	56.870	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	150739	51.500	ug/l	97
40) Benzene	8.34	78	338626	51.805	ug/l	96
41) Methacrylonitrile	7.56	41	63419	121.690	ug/l #	95
42) 1,2-Dichloroethane	8.42	62	130957	56.884	ug/l	99
43) Isopropyl Acetate	8.44	43	86109	50.765	ug/l	99
44) Trichloroethene	9.11	130	111982	52.723	ug/l	99
45) 1,2-Dichloropropane	9.38	63	72552	48.960	ug/l	95
46) Dibromomethane	9.47	93	49182	53.306	ug/l	98
47) Bromodichloromethane	9.66	83	141005	55.573	ug/l	98
48) Methyl methacrylate	9.46	41	43104	49.279	ug/l	98
49) 1,4-Dioxane	9.45	88	10739	1002.399	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	208792	254.450	ug/l	99
52) Toluene	10.40	92	231899	52.365	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	128430	53.344	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	143488	53.096	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	63405	50.763	ug/l	97
56) Ethyl methacrylate	10.66	69	75129	51.959	ug/l #	88
57) 1,3-Dichloropropane	10.94	76	107253	51.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	154374	257.063	ug/l	95
59) 2-Hexanone	10.98	43	159669	275.864	ug/l	100
60) Dibromochloromethane	11.14	129	97152	51.601	ug/l	95
61) 1,2-Dibromoethane	11.24	107	63395	51.575	ug/l	100
64) Tetrachloroethene	10.87	164	97623	51.737	ug/l	94
65) Chlorobenzene	11.67	112	263868	53.321	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	106068	52.447	ug/l	99
67) Ethyl Benzene	11.74	91	464673	53.343	ug/l	96
68) m/p-Xylenes	11.85	106	355559	107.089	ug/l	97
69) o-Xylene	12.18	106	160555	51.980	ug/l	99
70) Styrene	12.19	104	283764	53.504	ug/l	97
71) Bromoform	12.36	173	62024	54.057	ug/l #	100
73) Isopropylbenzene	12.48	105	469278	53.972	ug/l	99
74) N-amyl acetate	12.29	43	78056	49.706	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	61710	49.683	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	94064	103.016	ug/l #	1
77) Bromobenzene	12.76	156	117930	53.438	ug/l	100
78) n-propylbenzene	12.82	91	517317	51.891	ug/l	99
79) 2-Chlorotoluene	12.91	91	300652	52.802	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	404961	53.943	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	21578	50.162	ug/l	89
82) 4-Chlorotoluene	13.01	91	317438	52.621	ug/l	98
83) tert-Butylbenzene	13.23	119	349734	53.635	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	402031	54.523	ug/l	99
85) sec-Butylbenzene	13.40	105	454766	53.231	ug/l	99
86) p-Isopropyltoluene	13.52	119	451199	54.772	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	219481	53.279	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	218555	52.840	ug/l	100
89) n-Butylbenzene	13.84	91	382004	52.549	ug/l	99
90) Hexachloroethane	14.11	117	81196	49.896	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	191606	54.030	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13543	51.987	ug/l	95

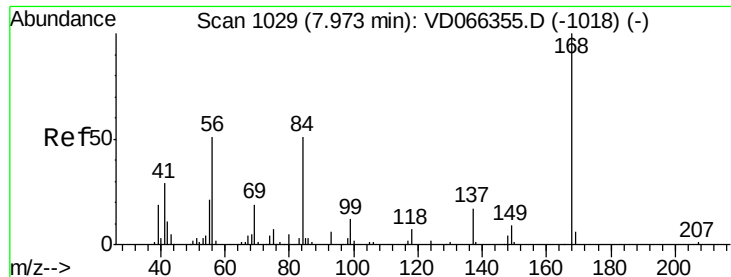
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082620\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	149417	53.970	ug/l	98
94) Hexachlorobutadiene	15.27	225	96069	55.839	ug/l	98
95) Naphthalene	15.41	128	238096	54.755	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	128001	53.971	ug/l	97

(#) = 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: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

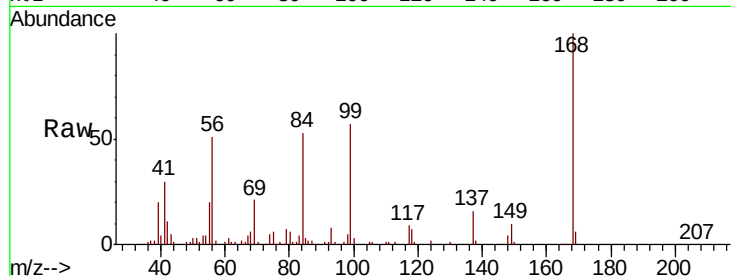
VSTDCCC050

Tot Ion:168 Resp: 201338

Ion Ratio Lower Upper

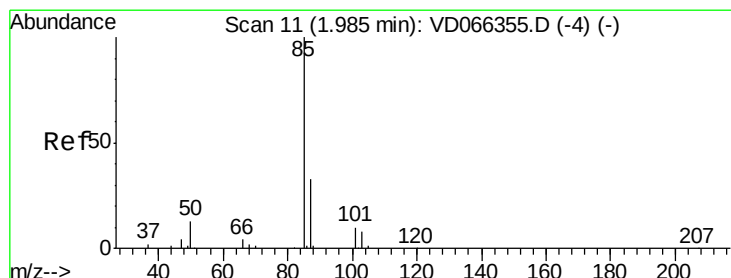
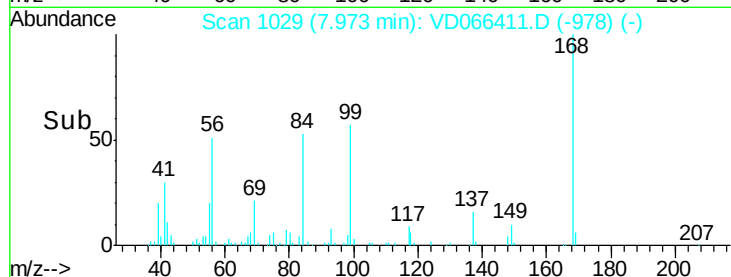
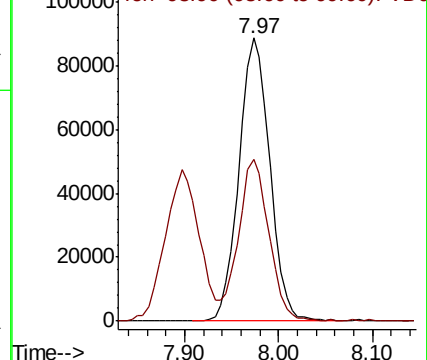
168 100

99 57.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 46.957 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066411.D

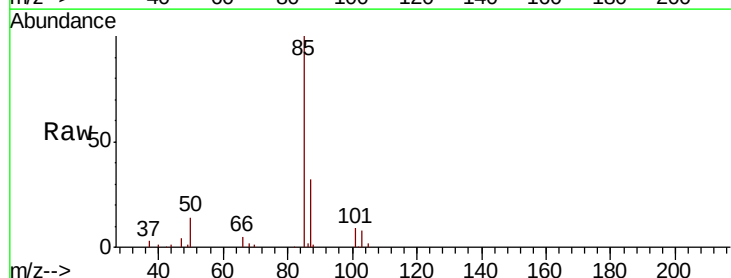
Acq: 26 Aug 2020 10:41

Tgt Ion: 85 Resp: 80375

Ion Ratio Lower Upper

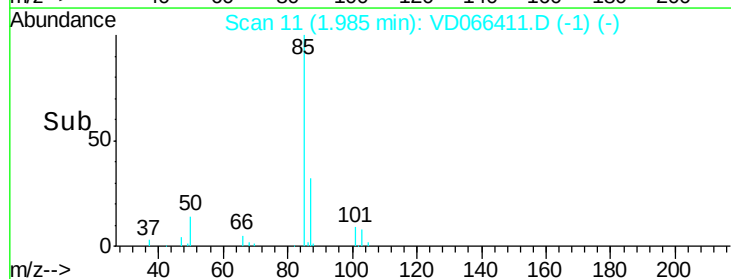
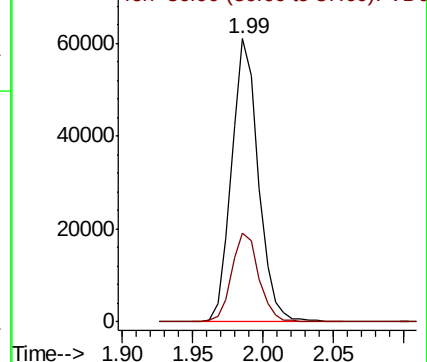
85 100

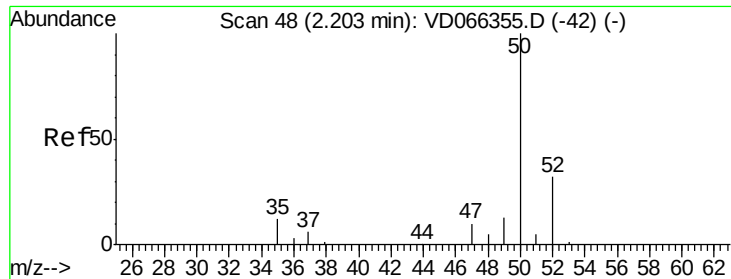
87 31.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 43.159 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

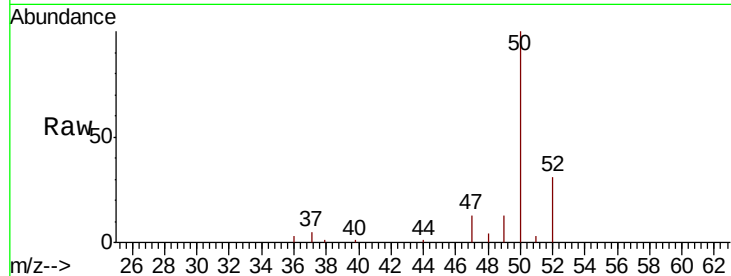
VSTDCCC050

Tot Ion: 50 Resp: 52364

Ion Ratio Lower Upper

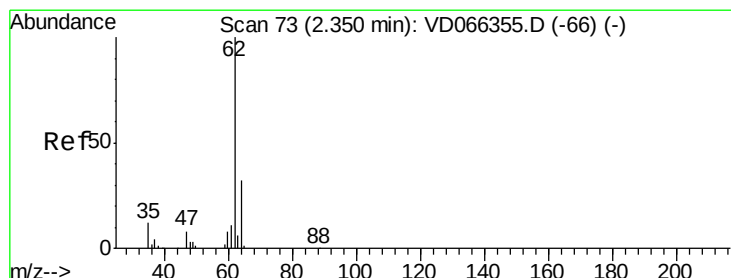
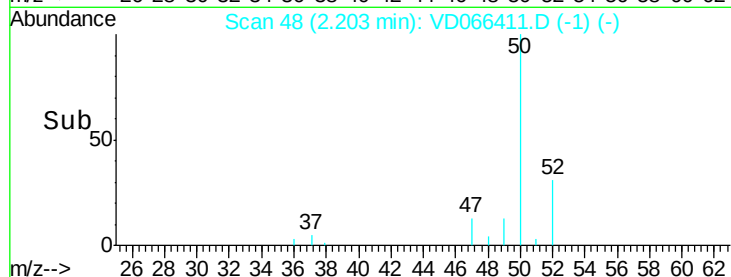
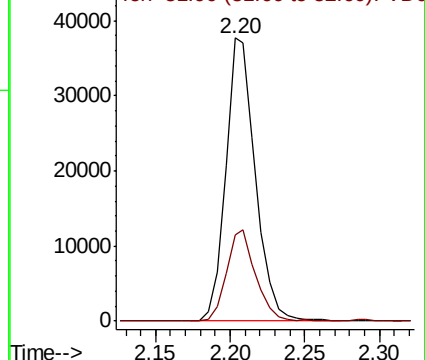
50 100

52 30.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.667 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066411.D

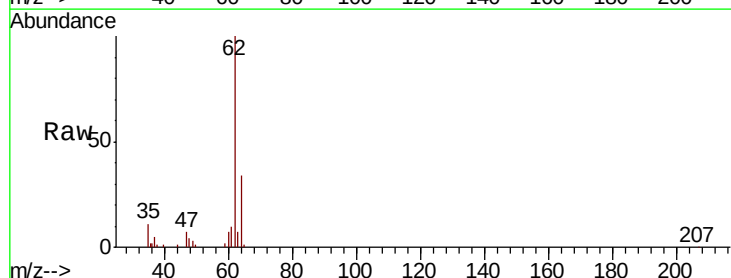
Acq: 26 Aug 2020 10:41

Tgt Ion: 62 Resp: 60792

Ion Ratio Lower Upper

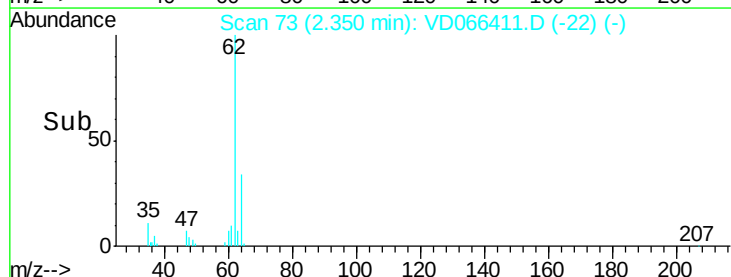
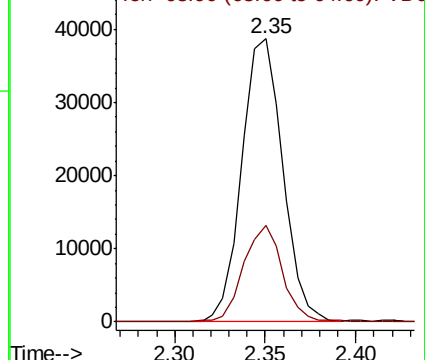
62 100

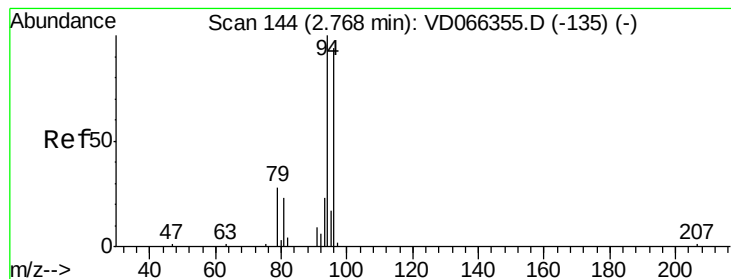
64 34.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 56.623 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

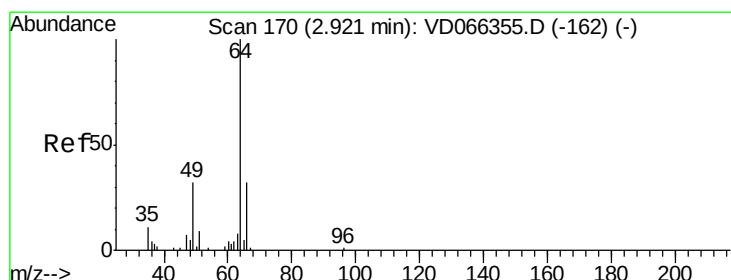
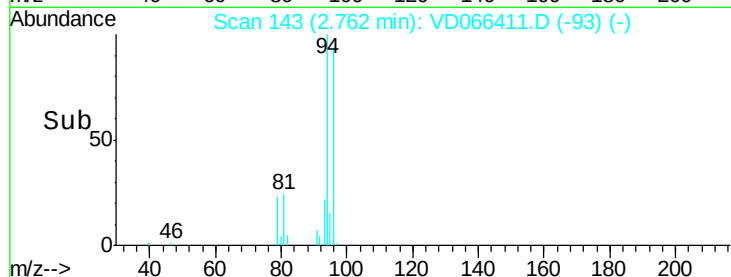
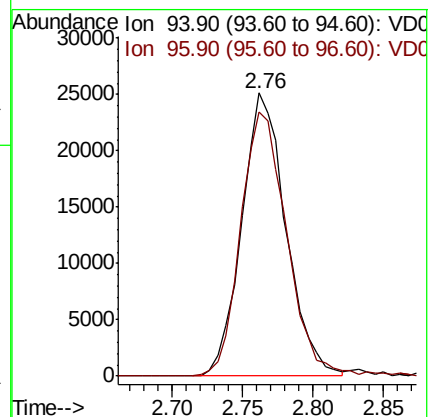
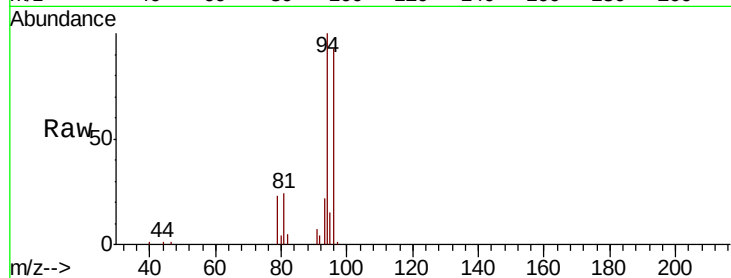
VSTDCCC050

Tot Ion: 94 Resp: 55172

Ion Ratio Lower Upper

94 100

96 93.1 75.0 112.4



#6

Chloroethane

Concen: 48.823 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066411.D

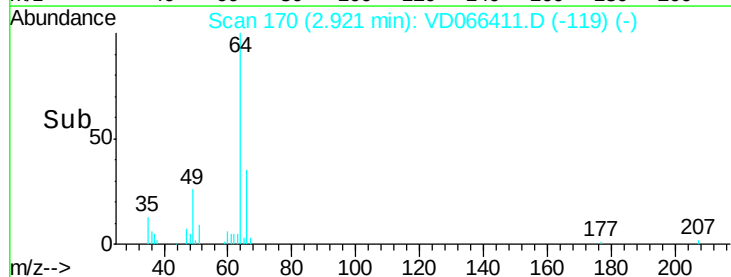
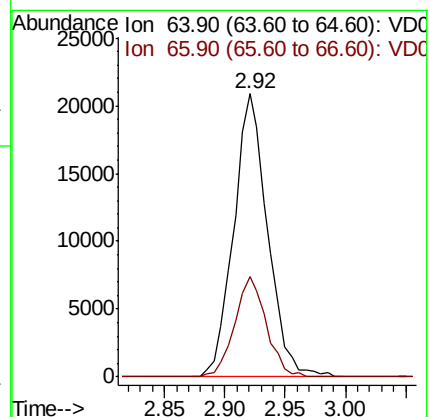
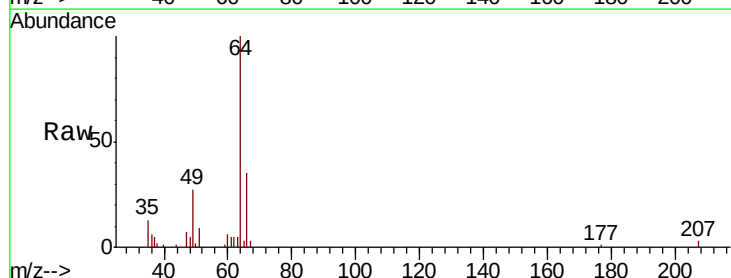
Acq: 26 Aug 2020 10:41

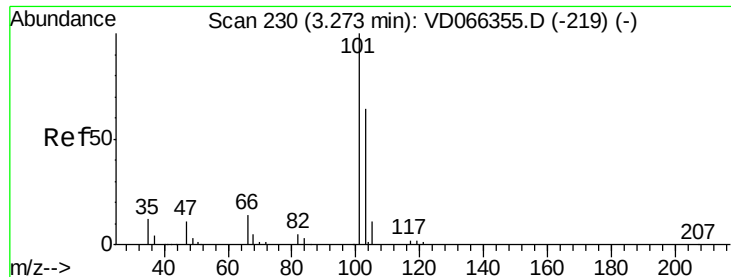
Tgt Ion: 64 Resp: 40725

Ion Ratio Lower Upper

64 100

66 35.4 25.9 38.9



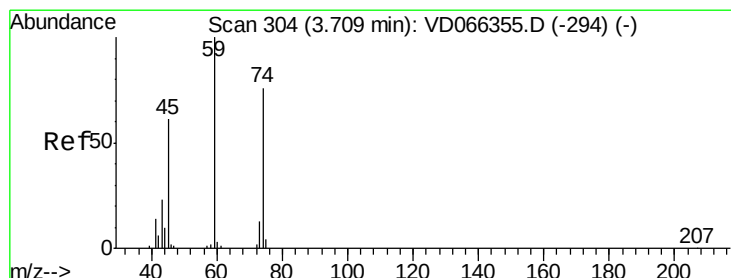
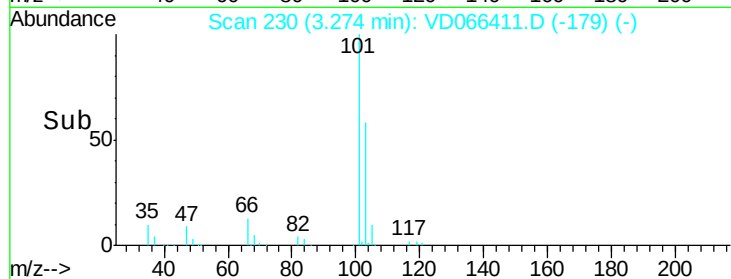
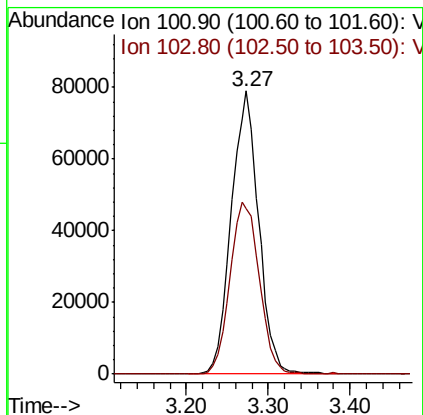
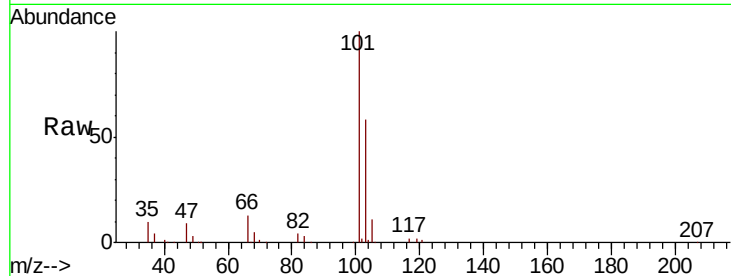


#7

Trichlorofluoromethane
Concen: 51.933 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

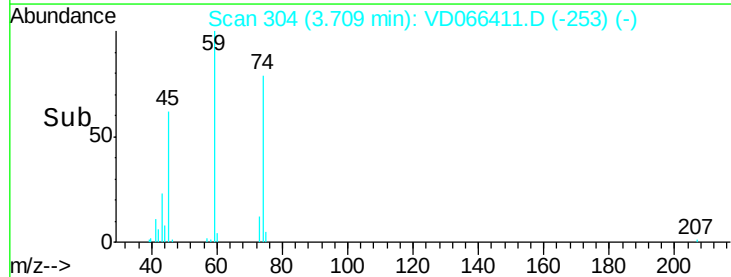
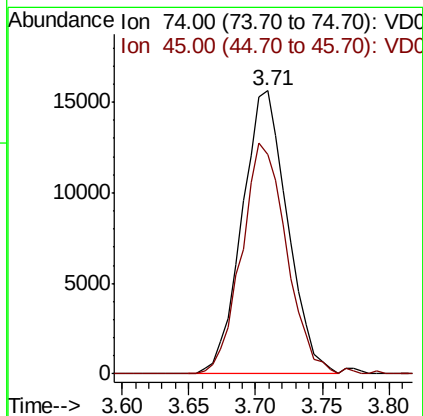
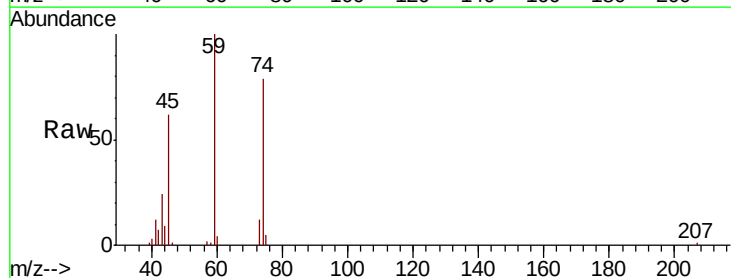
Tot Ion:101 Resp: 183962
Ion Ratio Lower Upper
101 100
103 58.3 51.4 77.0

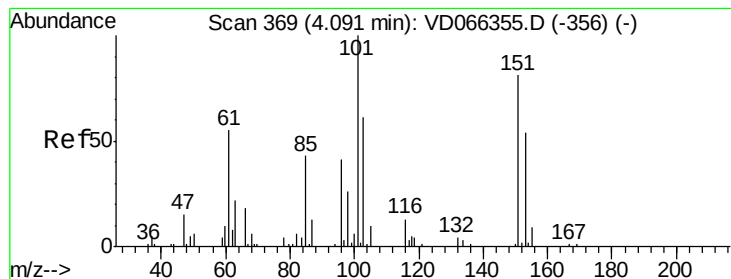


#8

Diethyl Ether
Concen: 46.374 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion: 74 Resp: 36806
Ion Ratio Lower Upper
74 100
45 80.5 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.887 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

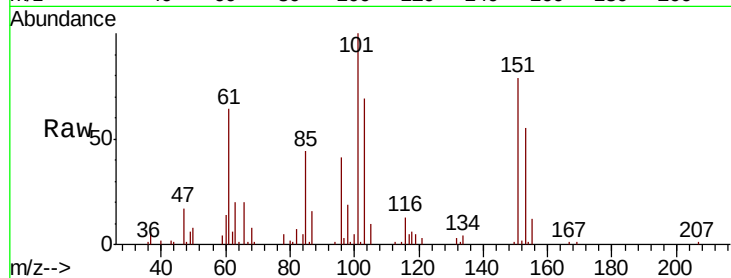
Tot Ion:101 Resp: 83714

Ion Ratio Lower Upper

101 100

85 46.6 36.4 54.6

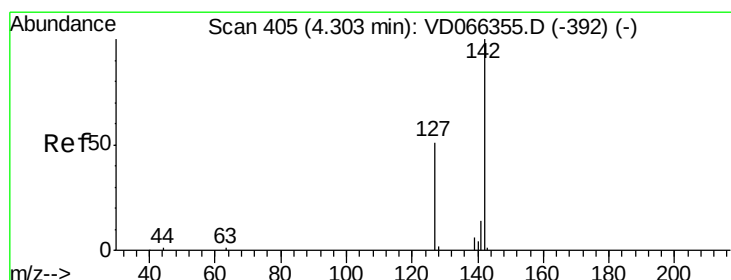
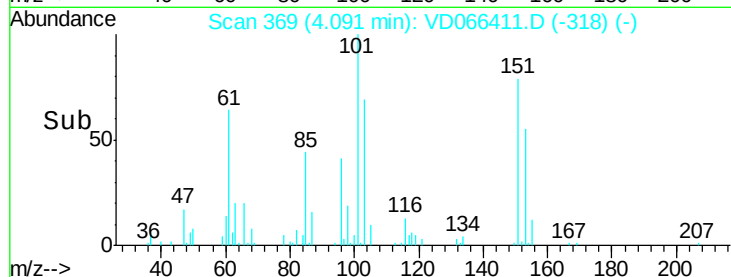
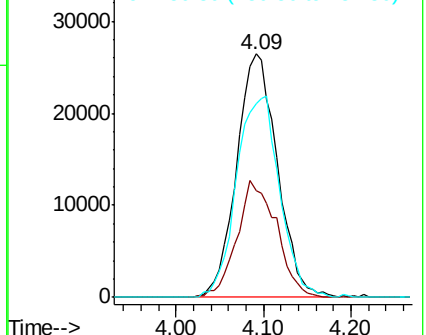
151 87.9 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 34.502 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

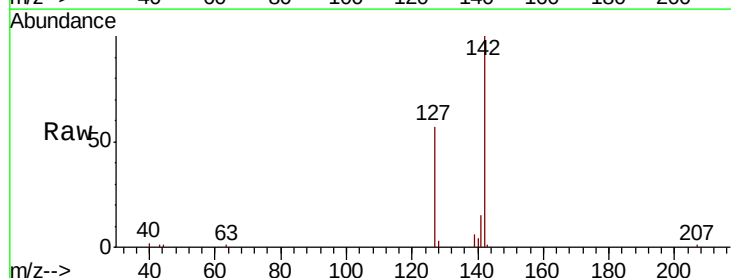
Tgt Ion:142 Resp: 68792

Ion Ratio Lower Upper

142 100

127 55.5 41.8 62.8

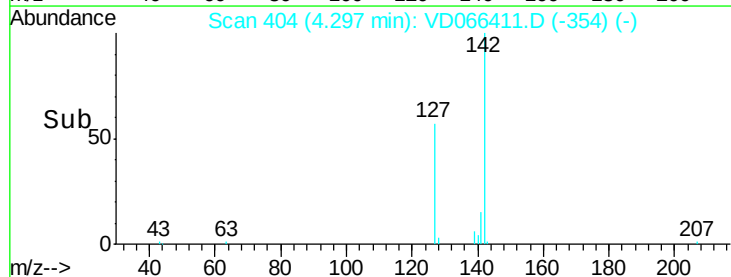
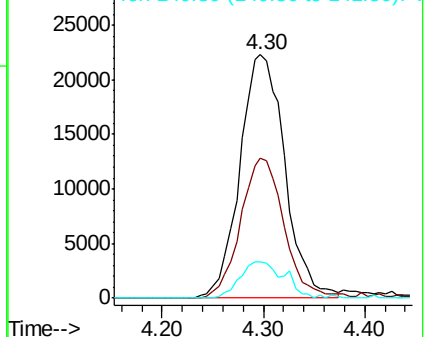
141 14.8 11.8 17.6

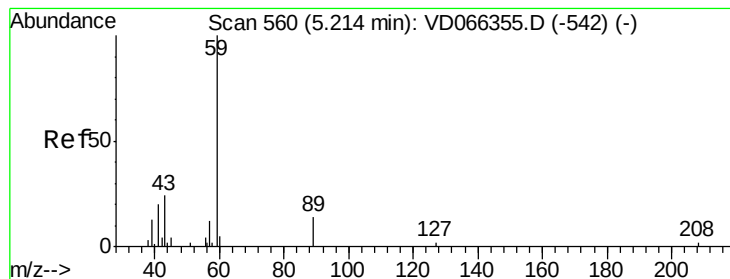


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 309.171 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

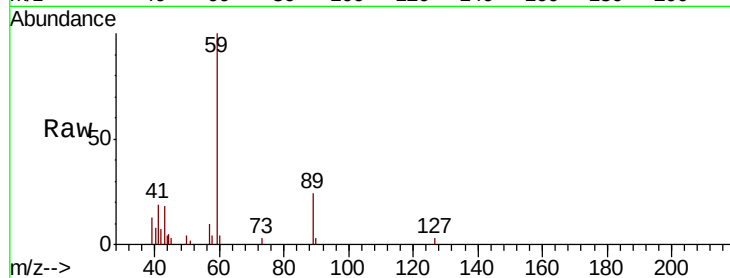
VSTDCCC050

Tot Ion: 59 Resp: 33807

Ion Ratio Lower Upper

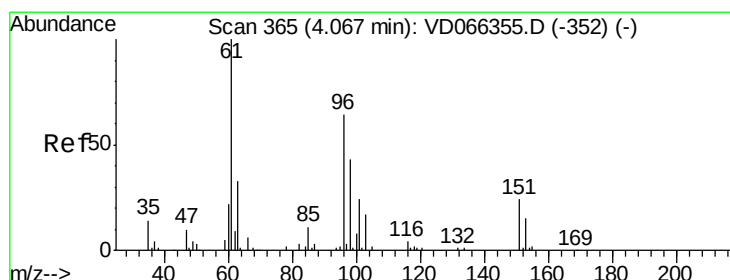
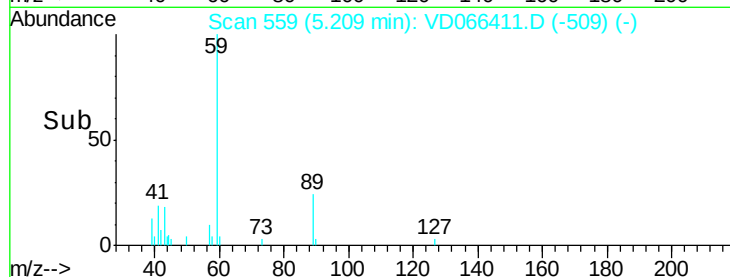
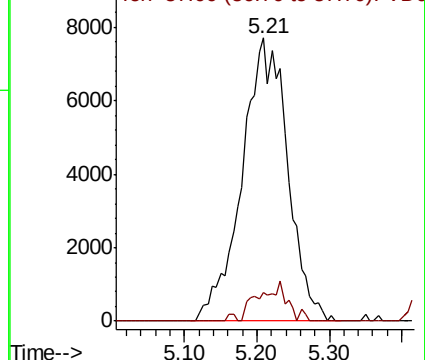
59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 48.204 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

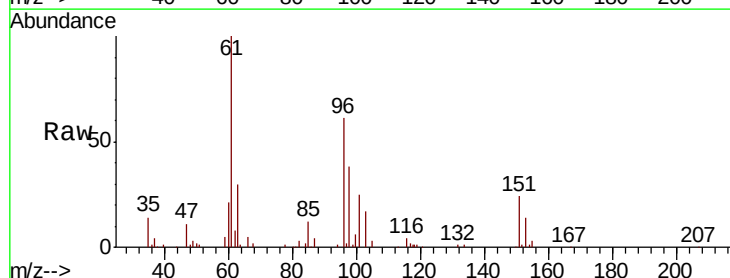
Tgt Ion: 96 Resp: 79102

Ion Ratio Lower Upper

96 100

61 163.3 124.3 186.5

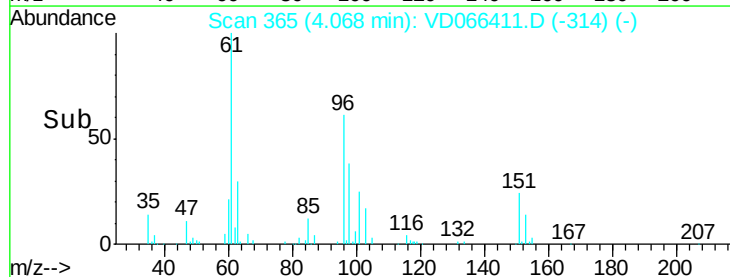
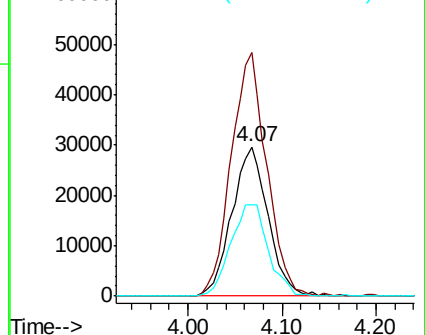
98 61.5 53.2 79.8

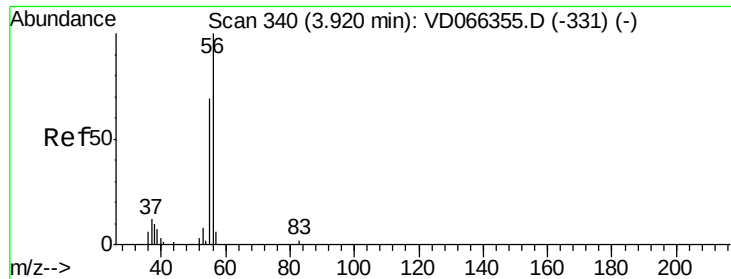


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 164.693 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

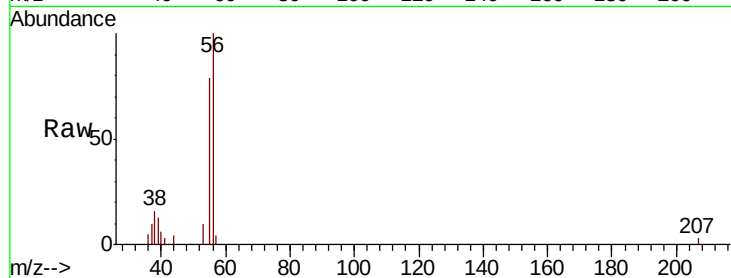
VSTDCCC050

Tot Ion: 56 Resp: 14436

Ion Ratio Lower Upper

56 100

55 76.9 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

6000

5000

4000

3000

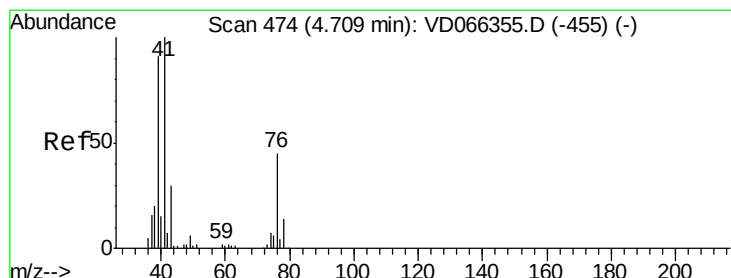
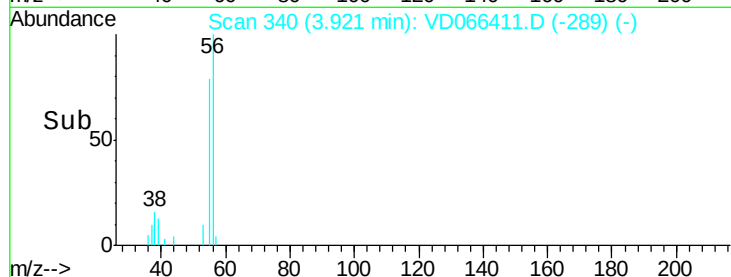
2000

1000

0

Time-->

3.85 3.90 3.95 4.00



#14

Allyl chloride

Concen: 45.194 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

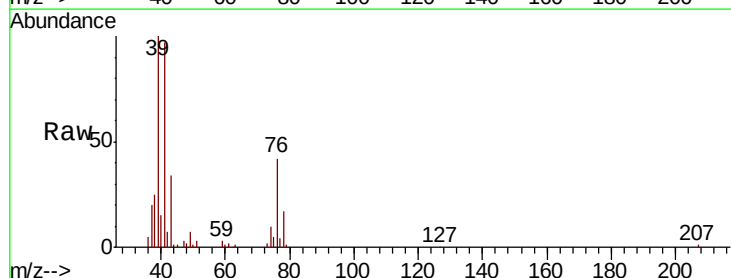
Tgt Ion: 41 Resp: 98987

Ion Ratio Lower Upper

41 100

39 102.0 72.8 109.2

76 46.2 34.0 51.0



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

40000

30000

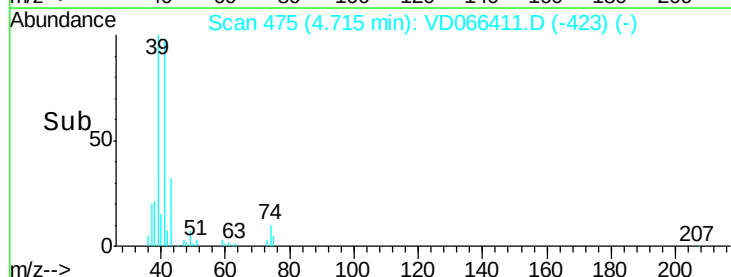
20000

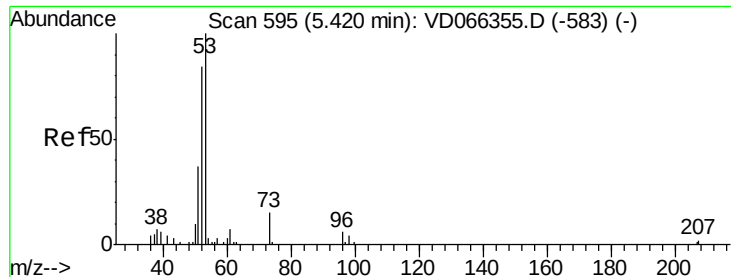
10000

0

Time-->

4.60 4.70 4.80





#15

Acrylonitrile

Concen: 240.976 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

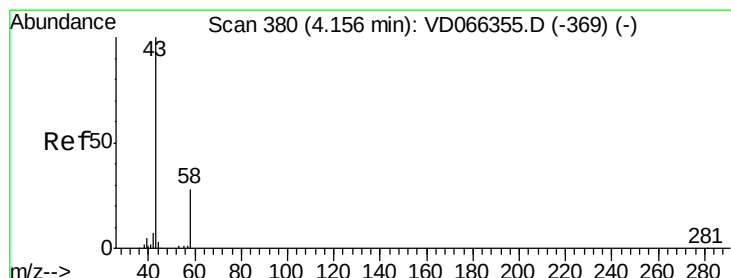
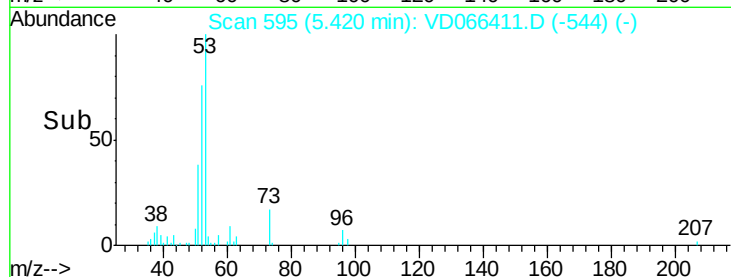
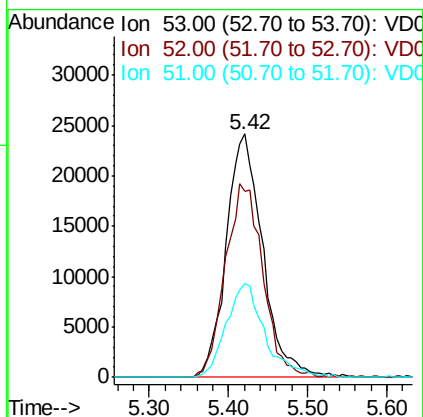
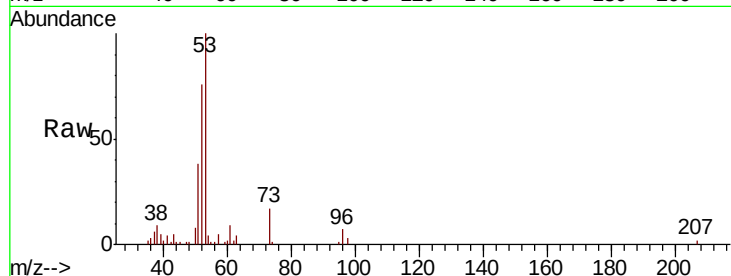
Tot Ion: 53 Resp: 76737

Ion Ratio Lower Upper

53 100

52 82.0 68.1 102.1

51 41.1 33.8 50.6



#16

Acetone

Concen: 290.223 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066411.D

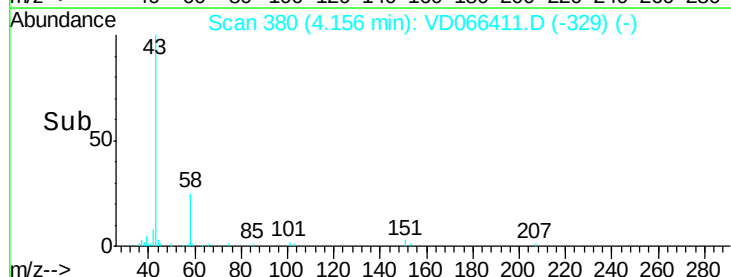
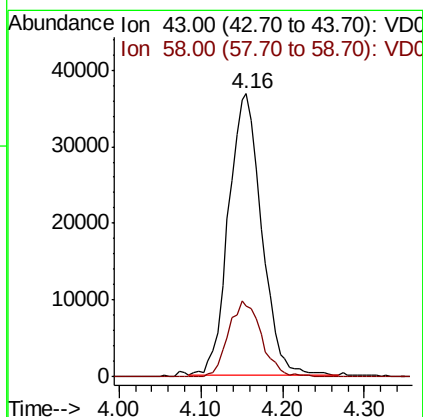
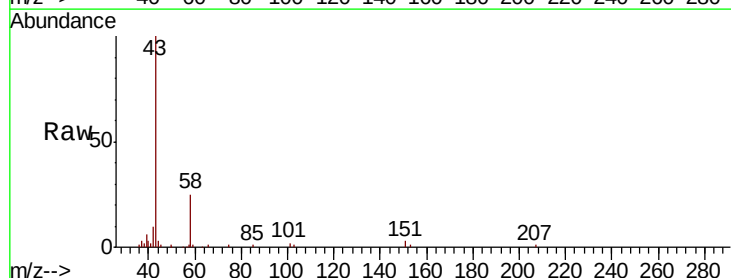
Acq: 26 Aug 2020 10:41

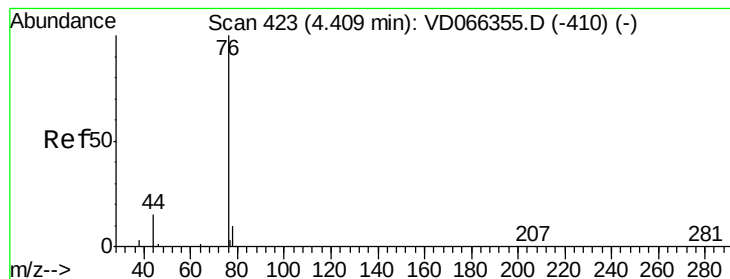
Tgt Ion: 43 Resp: 103280

Ion Ratio Lower Upper

43 100

58 25.2 22.7 34.1





#17

Carbon Disulfide

Concen: 46.244 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

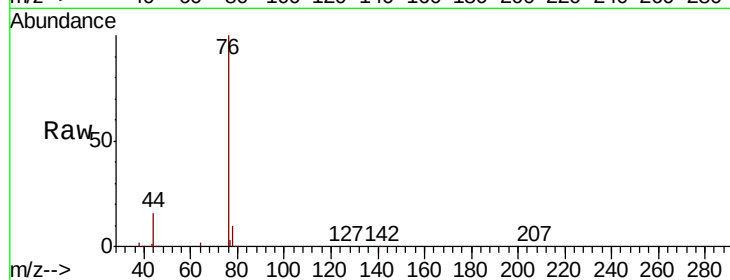
VSTDCCC050

Tot Ion: 76 Resp: 229978

Ion Ratio Lower Upper

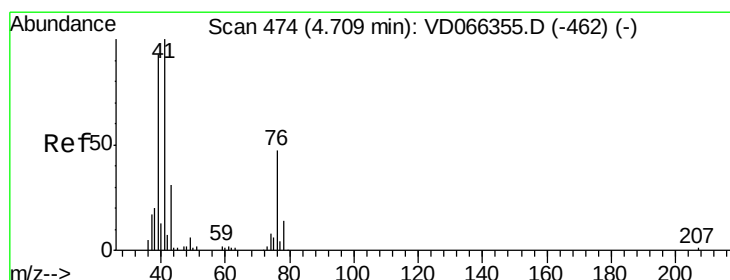
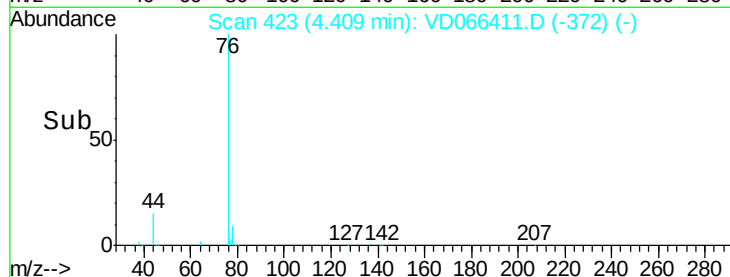
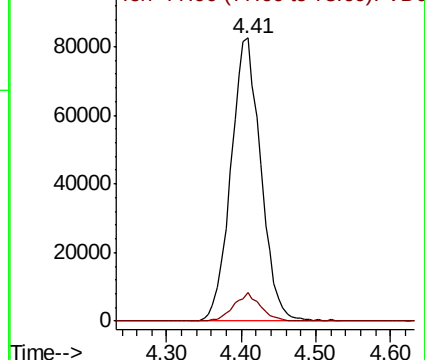
76 100

78 10.1 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 46.055 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066411.D

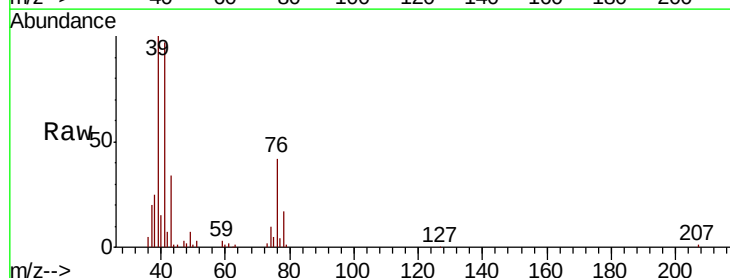
Acq: 26 Aug 2020 10:41

Tgt Ion: 43 Resp: 30760

Ion Ratio Lower Upper

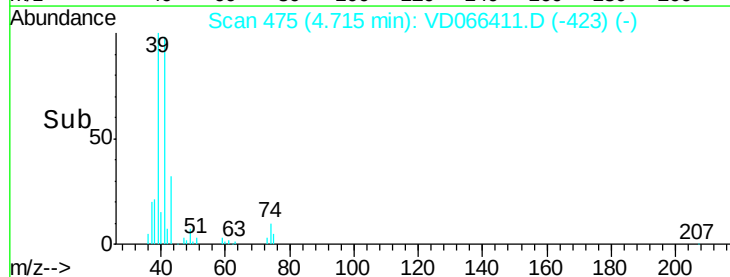
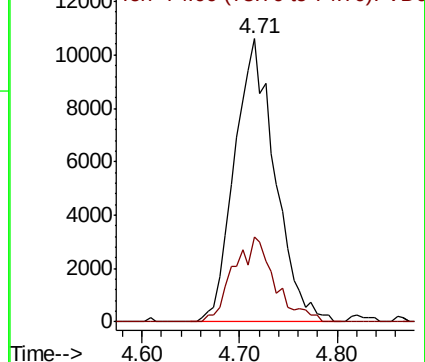
43 100

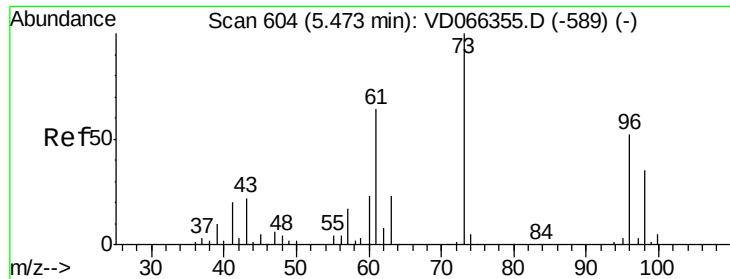
74 30.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



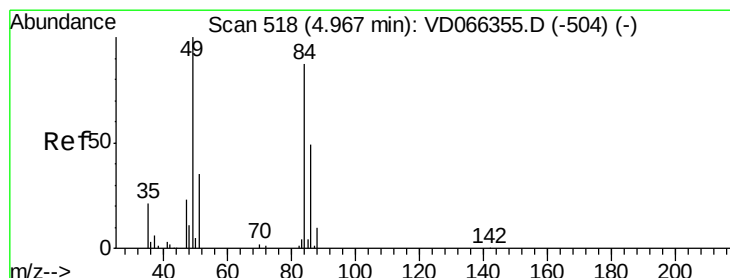
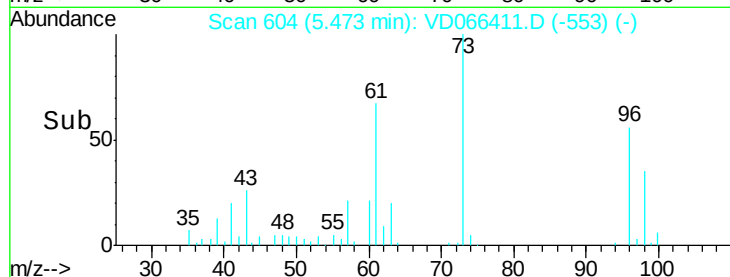
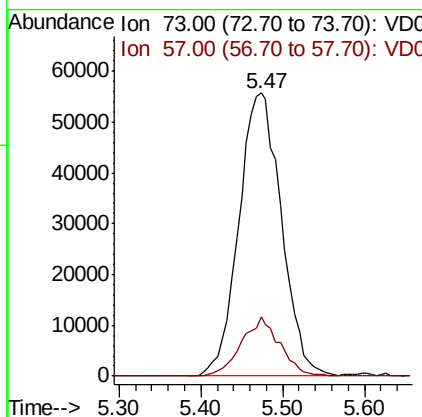
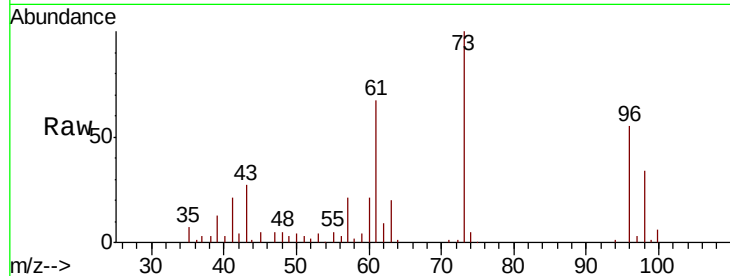


#19

Methyl tert-butyl Ether
 Concen: 50.960 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

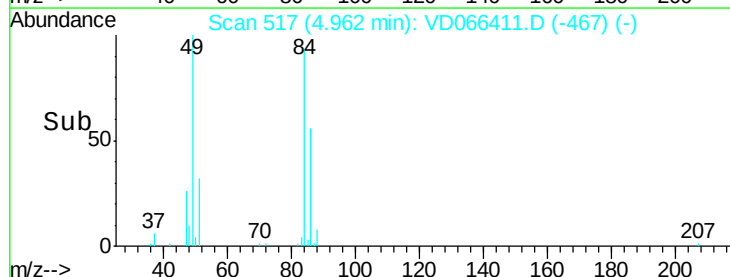
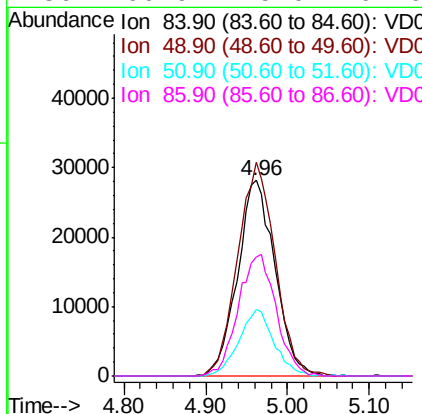
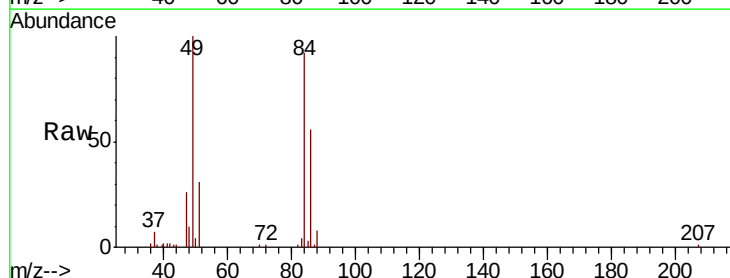
Tot Ion: 73 Resp: 201357
 Ion Ratio Lower Upper
 73 100
 57 20.8 13.8 20.6#

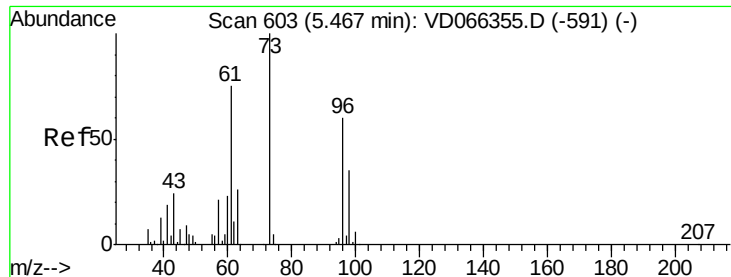


#20

Methylene Chloride
 Concen: 46.510 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion: 84 Resp: 89286
 Ion Ratio Lower Upper
 84 100
 49 109.2 92.5 138.7
 51 34.1 32.5 48.7
 86 60.9 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 47.165 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

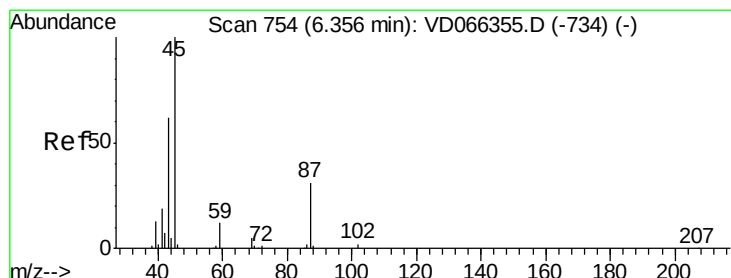
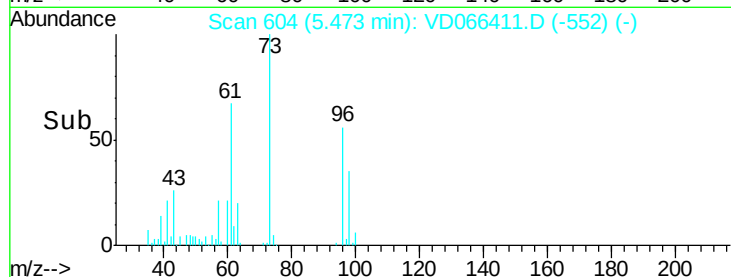
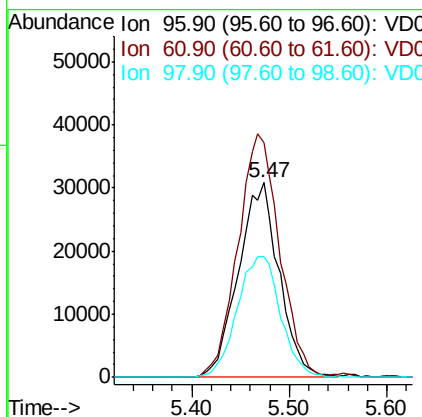
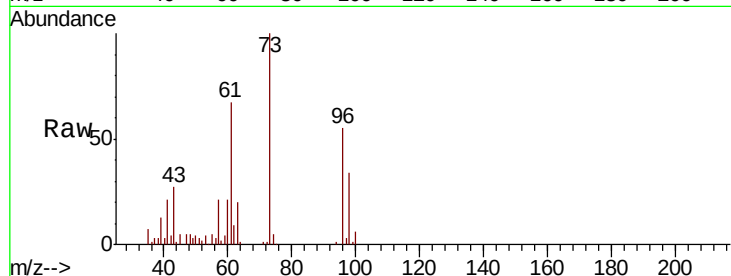
Tot Ion: 96 Resp: 90094

Ion Ratio Lower Upper

96 100

61 120.7 101.1 151.7

98 61.7 47.0 70.6



#22

Diisopropyl ether

Concen: 46.751 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Tgt Ion: 45 Resp: 198254

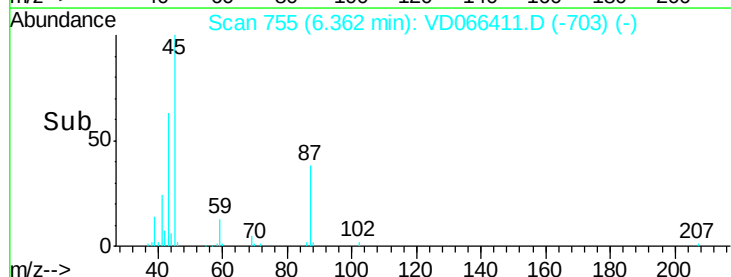
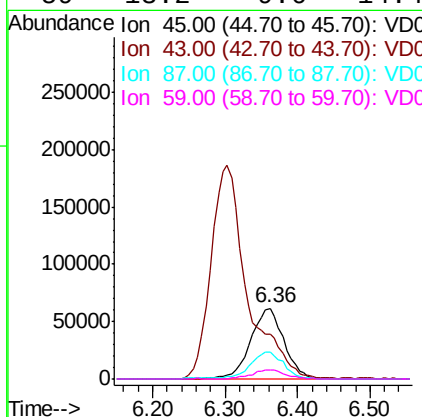
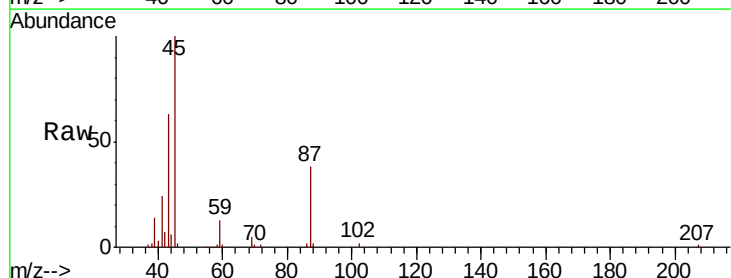
Ion Ratio Lower Upper

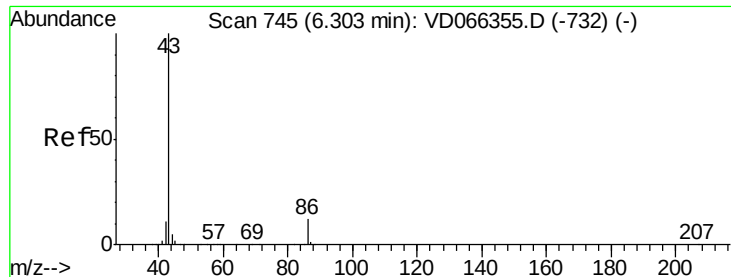
45 100

43 62.3 49.8 74.8

87 38.2 25.0 37.6#

59 13.2 9.6 14.4





#23

Vinyl Acetate

Concen: 246.330 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

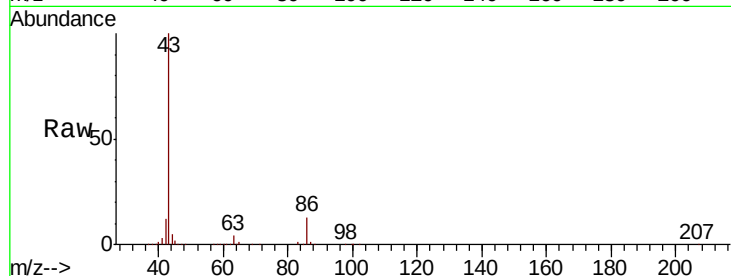
VSTDCCC050

Tot Ion: 43 Resp: 646672

Ion Ratio Lower Upper

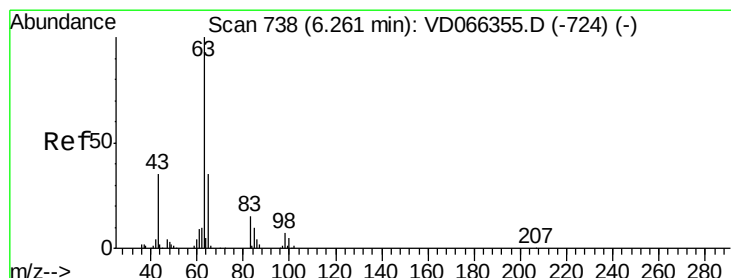
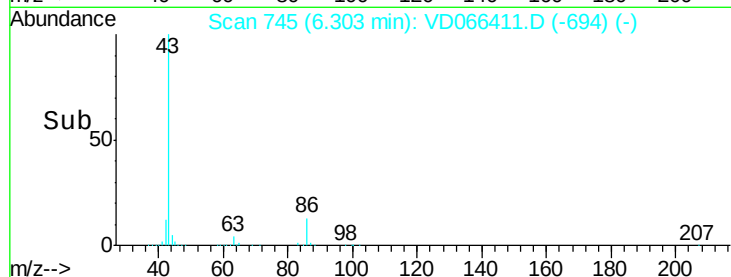
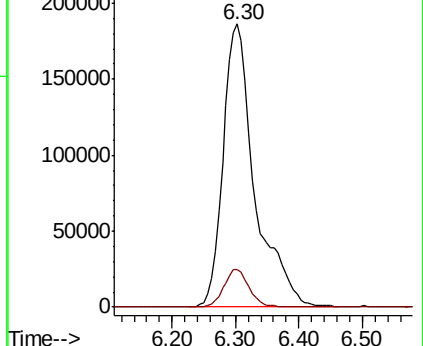
43 100

86 13.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 47.172 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

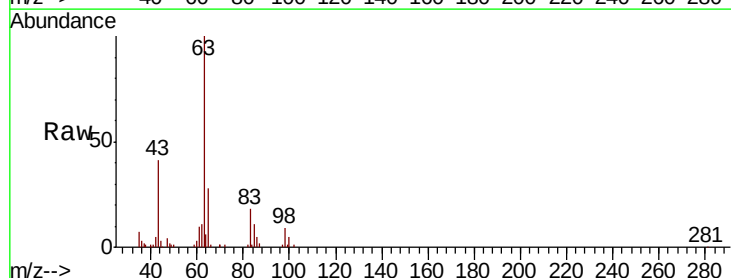
Tgt Ion: 63 Resp: 141364

Ion Ratio Lower Upper

63 100

98 8.8 3.5 10.6

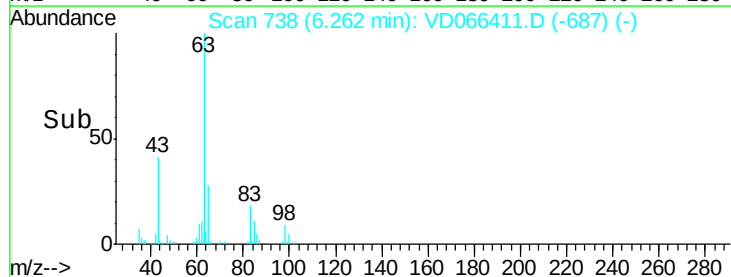
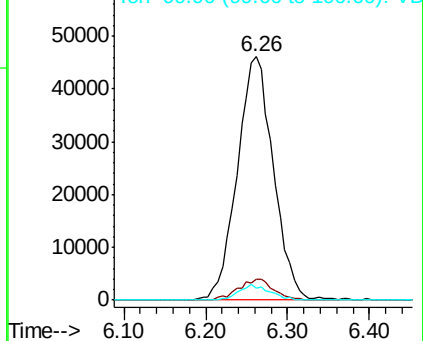
100 4.7 2.5 7.6

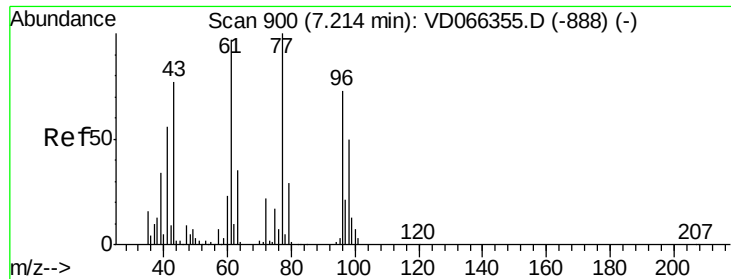


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

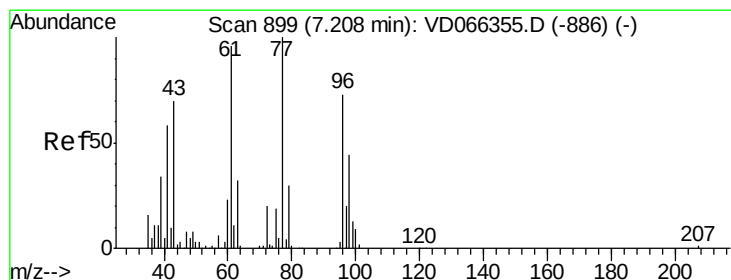
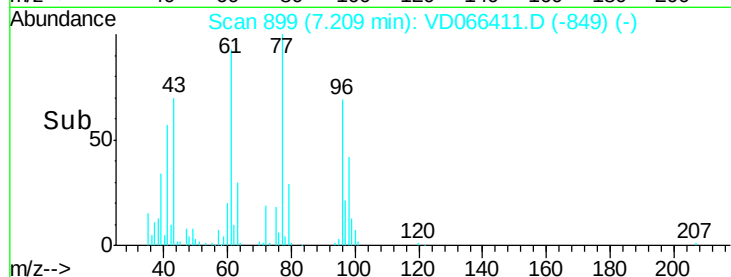
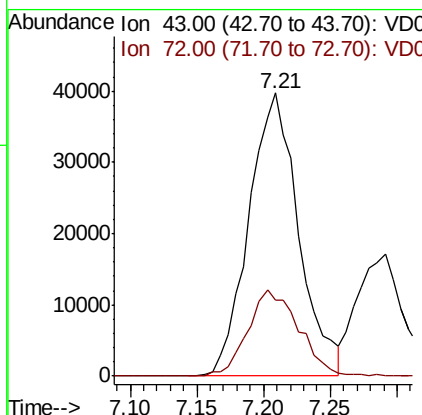
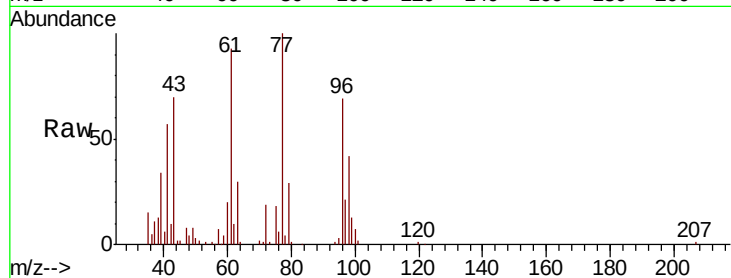




#25
 2-Butanone
 Concen: 254.348 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

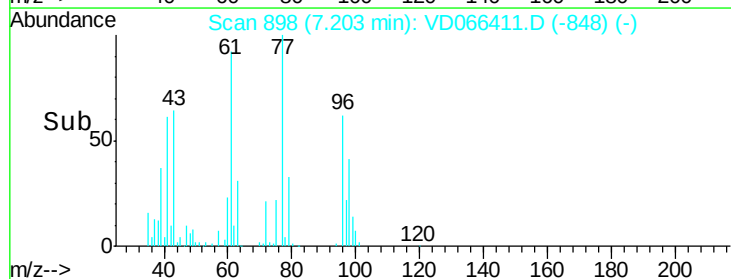
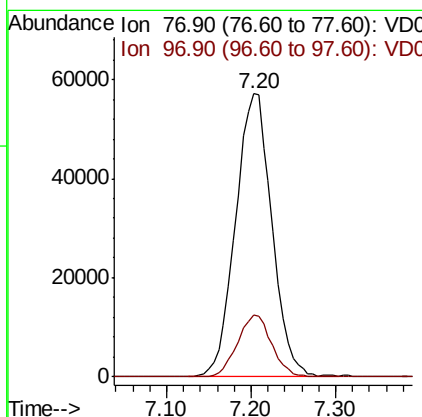
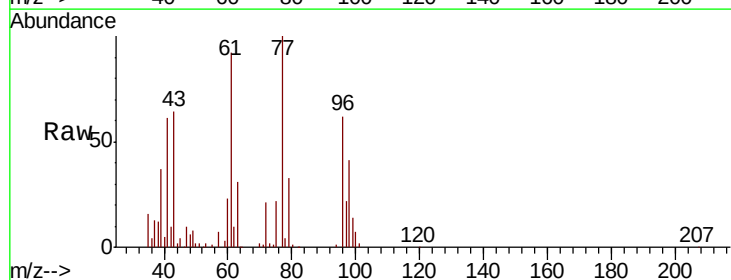
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

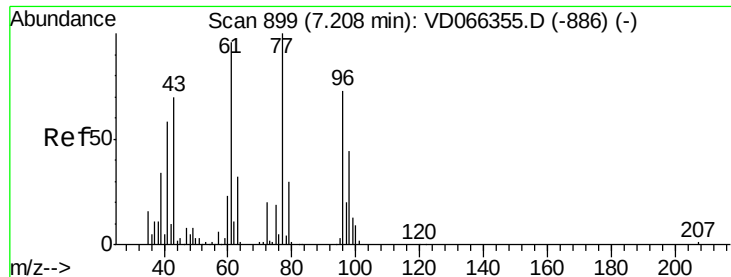
Tot Ion: 43 Resp: 102755
 Ion Ratio Lower Upper
 43 100
 72 27.0 22.5 33.7



#26
 2,2-Dichloropropane
 Concen: 53.006 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion: 77 Resp: 170253
 Ion Ratio Lower Upper
 77 100
 97 20.5 10.7 31.9

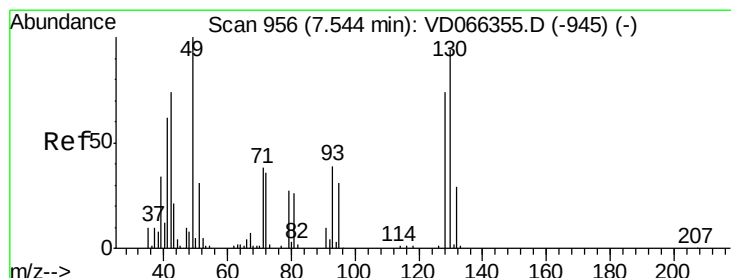
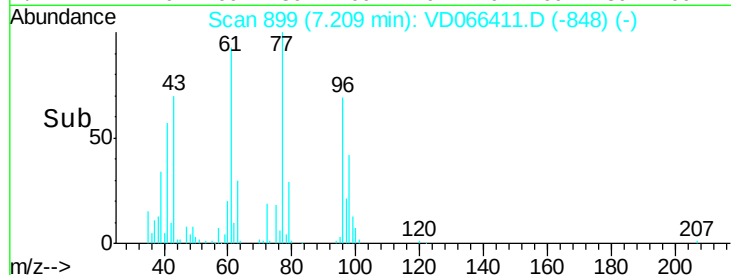
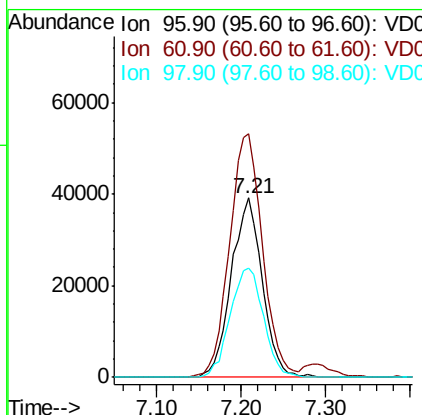
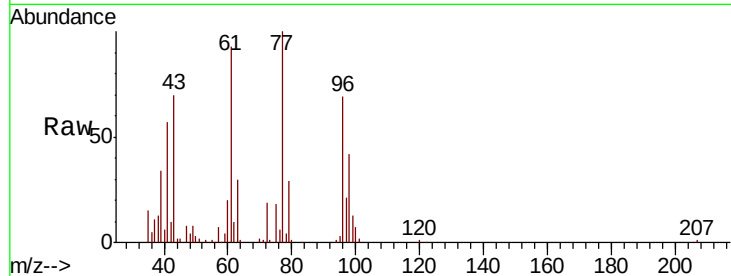




#27
 cis-1,2-Dichloroethene
 Concen: 48.631 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

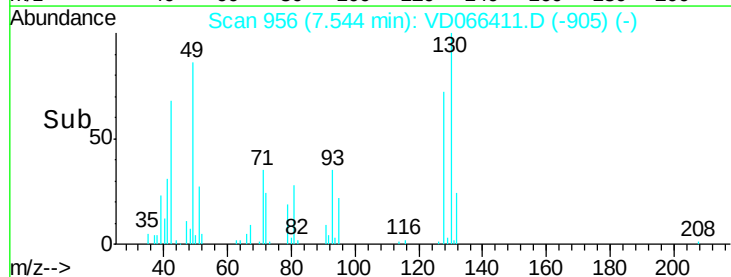
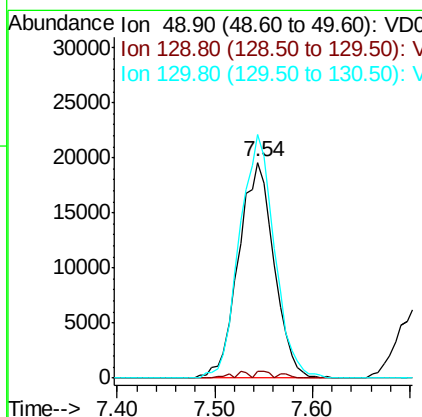
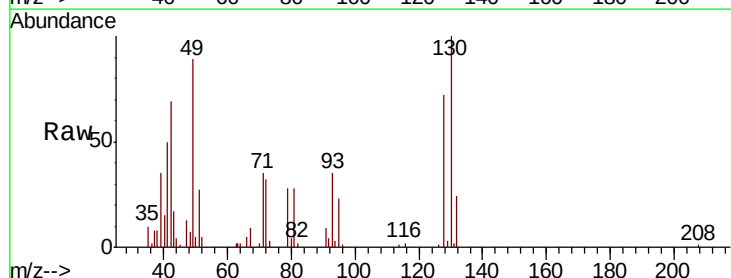
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

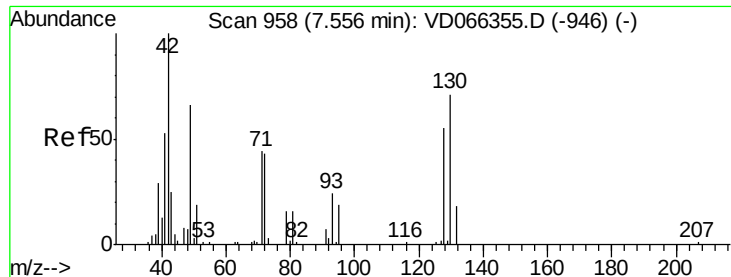
Tot Ion: 96 Resp: 99536
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 281.4
 98 65.4 0.0 132.2



#28
 Bromochloromethane
 Concen: 48.158 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion: 49 Resp: 49712
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.0
 130 111.3 82.6 124.0

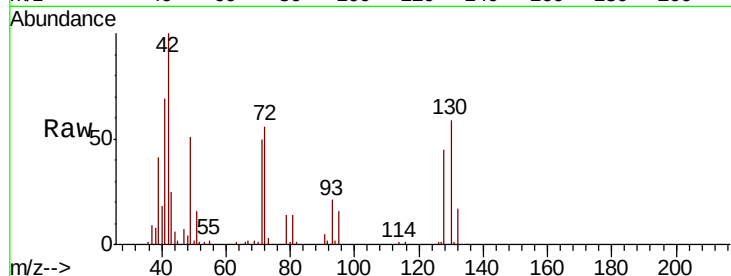




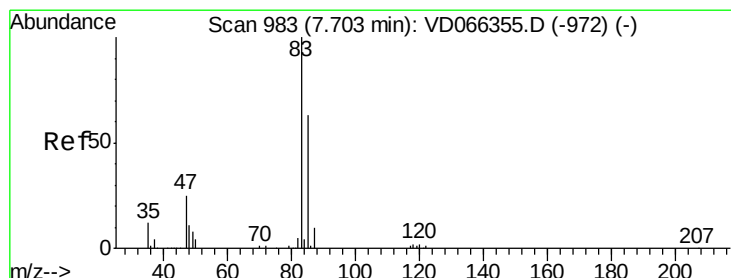
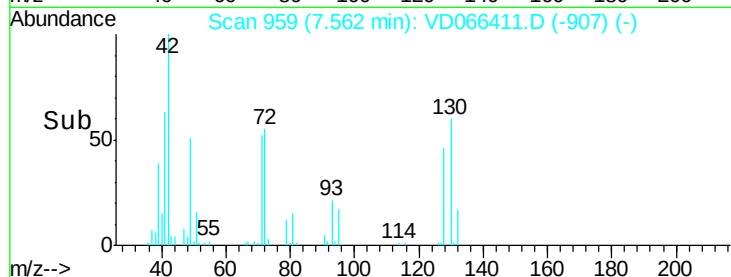
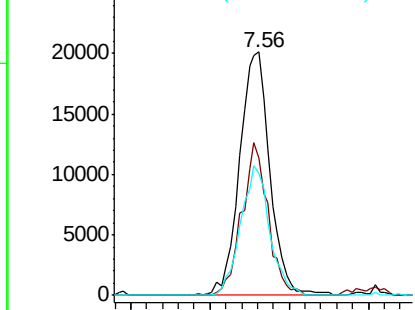
#29
Tetrahydrofuran
Concen: 232.664 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 53388
Ion Ratio Lower Upper
42 100
72 54.4 41.0 61.4
71 51.1 37.2 55.8

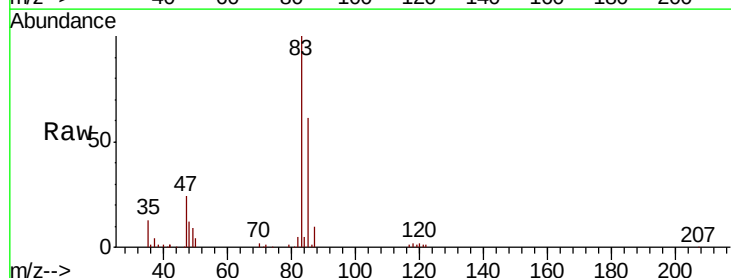


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

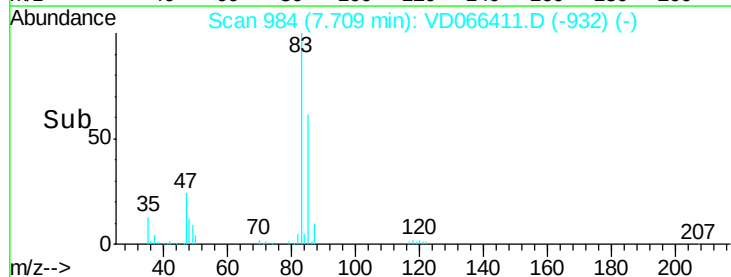
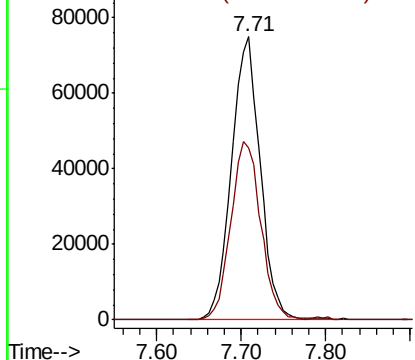


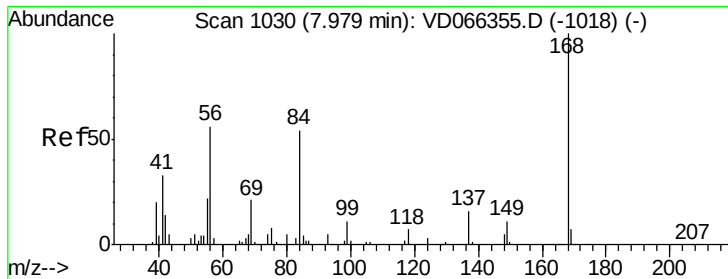
#30
Chloroform
Concen: 50.781 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion: 83 Resp: 176071
Ion Ratio Lower Upper
83 100
85 60.6 50.3 75.5



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

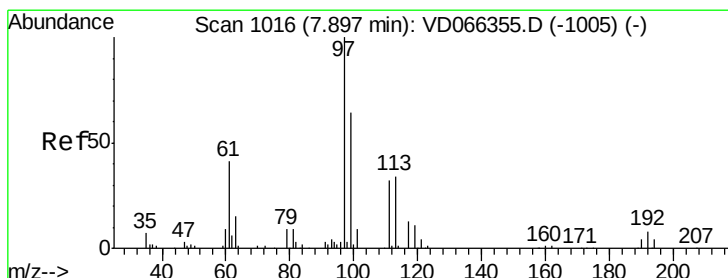
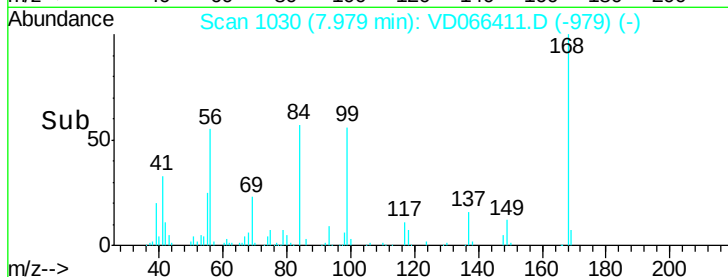
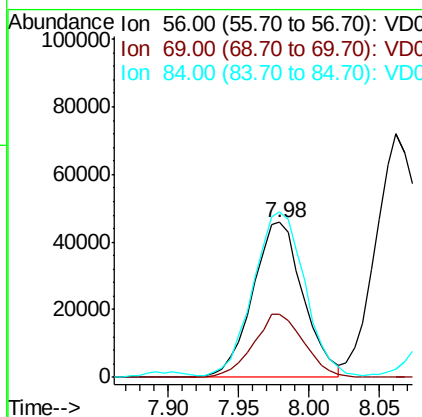
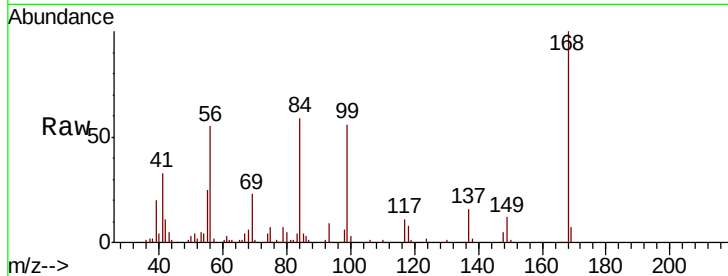




#31
Cyclohexane
Concen: 41.966 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

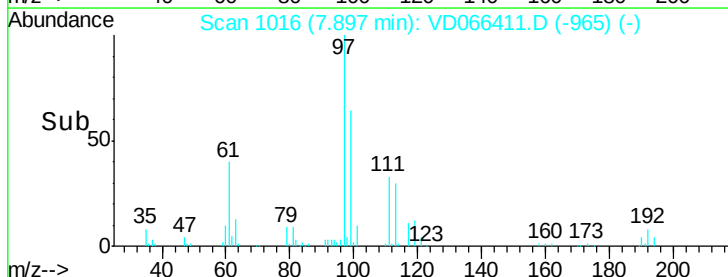
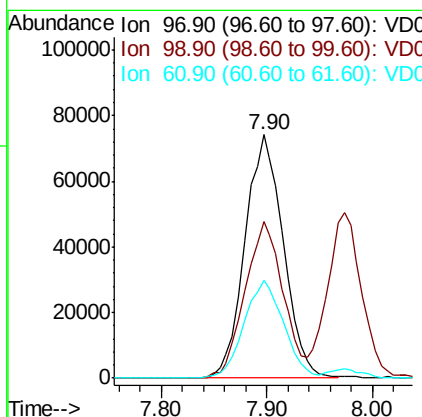
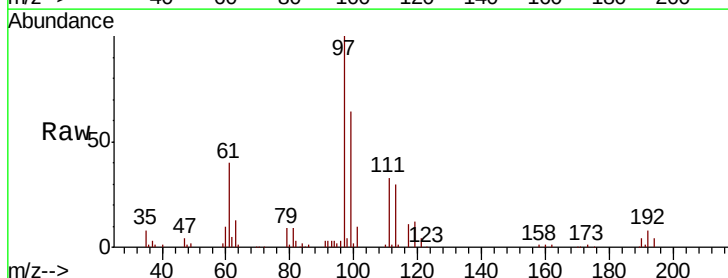
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

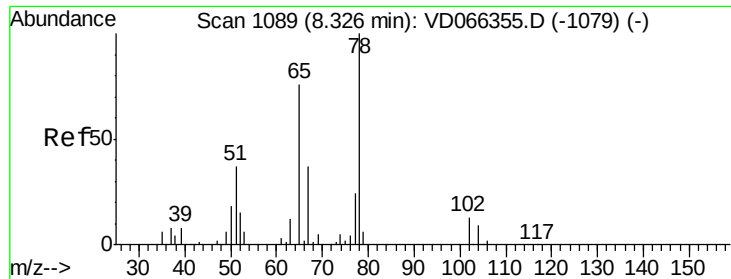
Tot Ion: 56 Resp: 115019
Ion Ratio Lower Upper
56 100
69 41.1 29.6 44.4
84 104.5 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 52.559 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion: 97 Resp: 186510
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 41.4 33.3 49.9

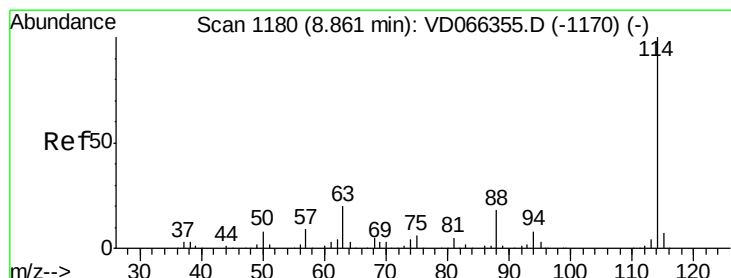
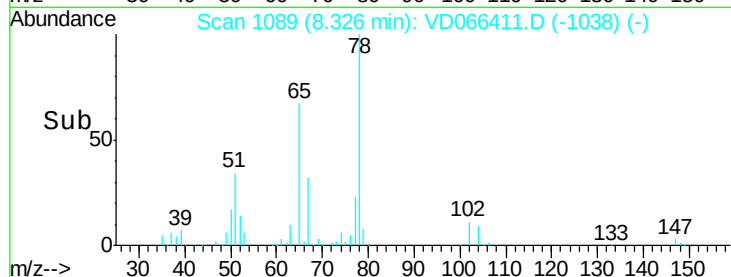
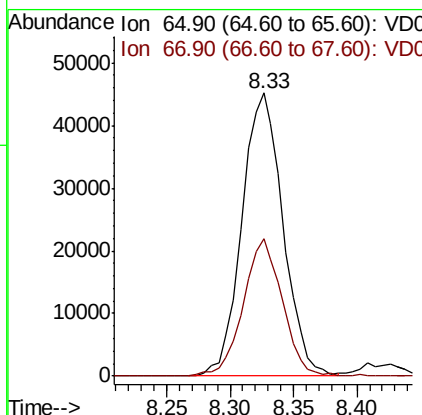
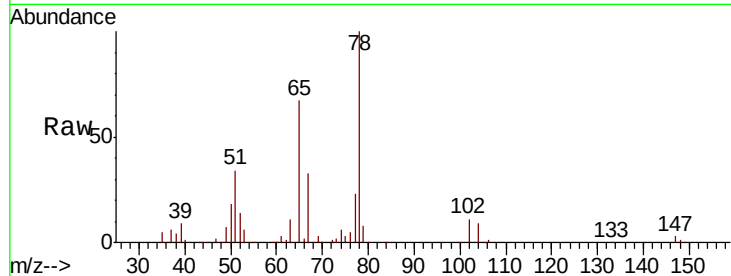




#33
 1,2-Dichloroethane-d4
 Concen: 51.510 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

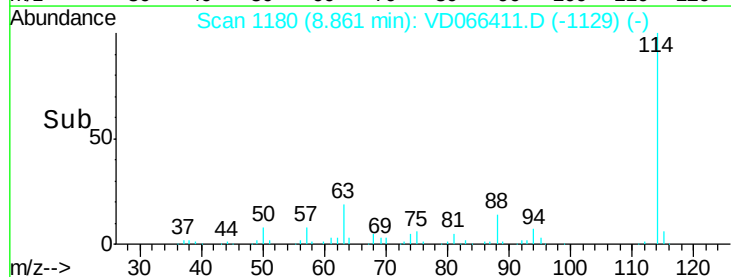
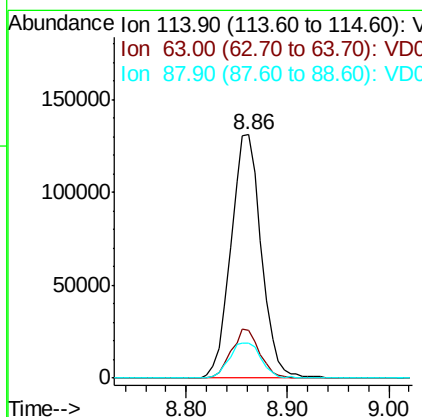
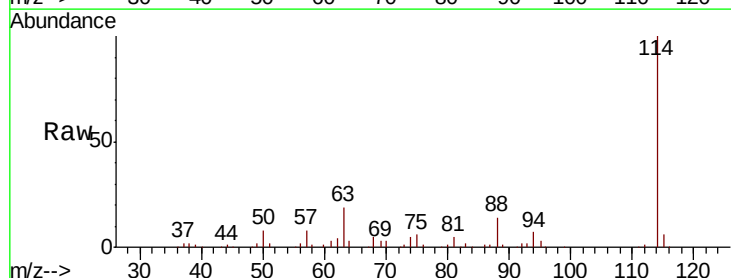
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

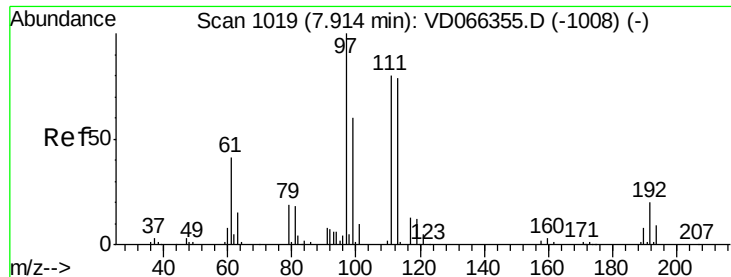
Tot Ion: 65 Resp: 101676
 Ion Ratio Lower Upper
 65 100
 67 46.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion: 114 Resp: 272317
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 14.3 0.0 35.4

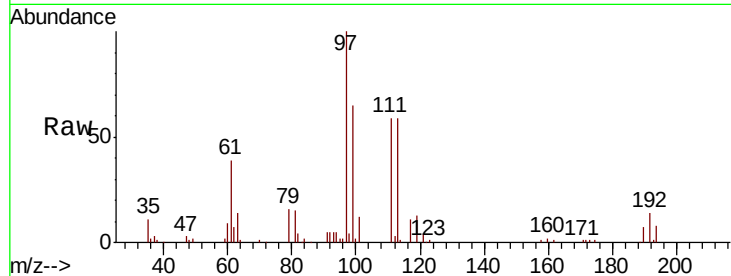




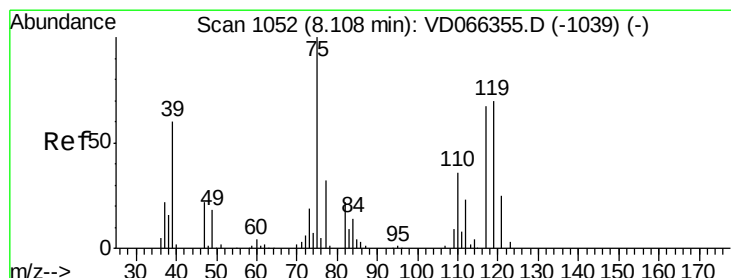
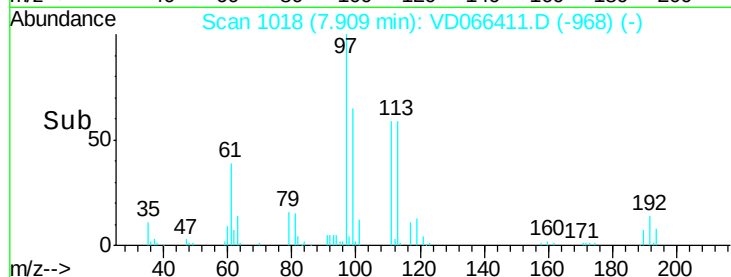
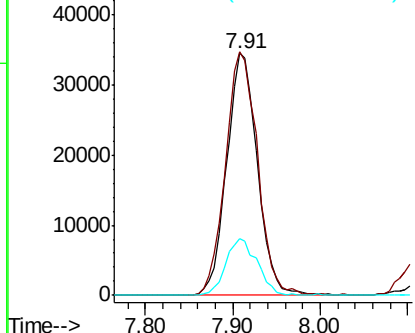
#35
Dibromofluoromethane
Concen: 48.399 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 82415
Ion Ratio Lower Upper
113 100
111 105.0 80.3 120.5
192 23.9 19.0 28.6

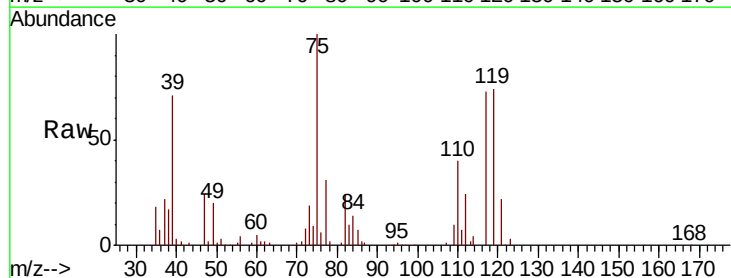


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

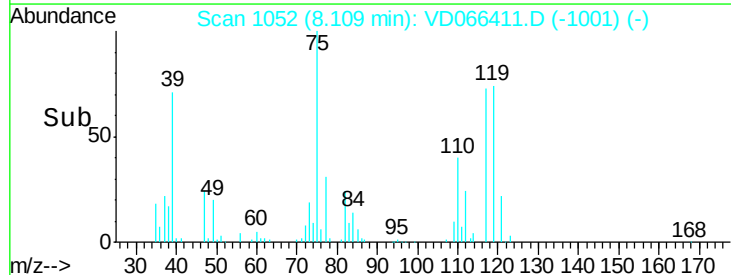
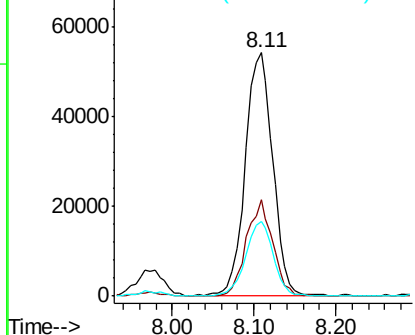


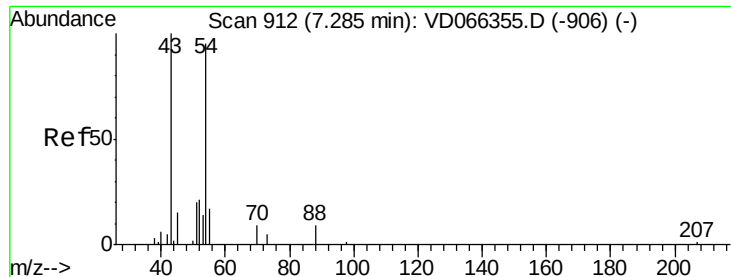
#36
1,1-Dichloropropene
Concen: 51.215 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion: 75 Resp: 127255
Ion Ratio Lower Upper
75 100
110 37.8 18.7 56.1
77 30.7 25.2 37.8



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

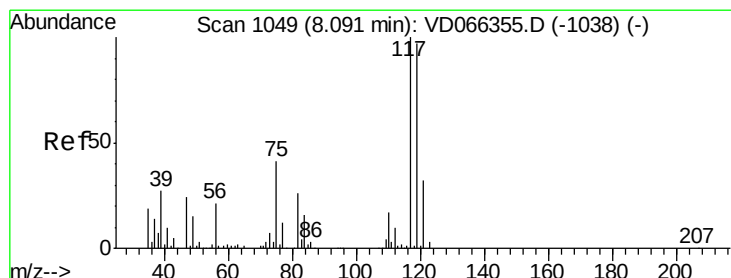
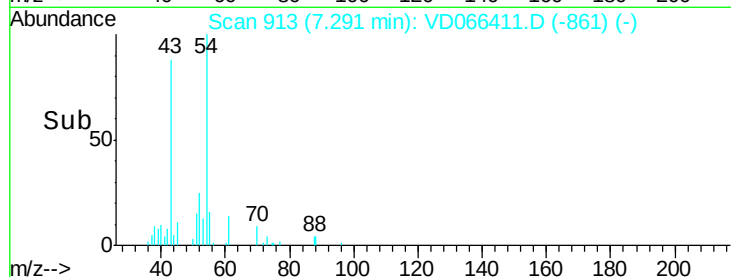
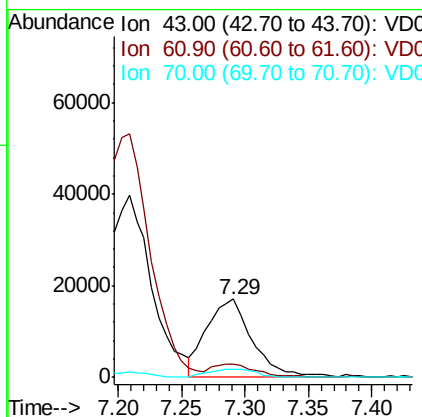
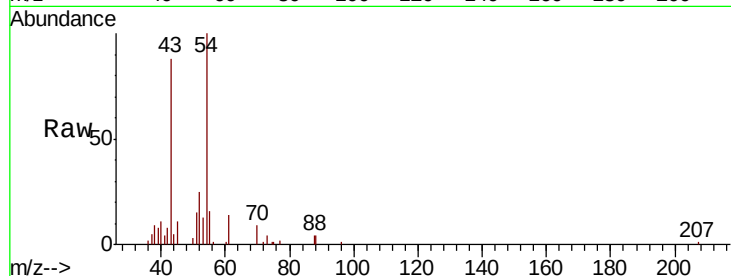




#37
Ethyl Acetate
Concen: 50.606 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

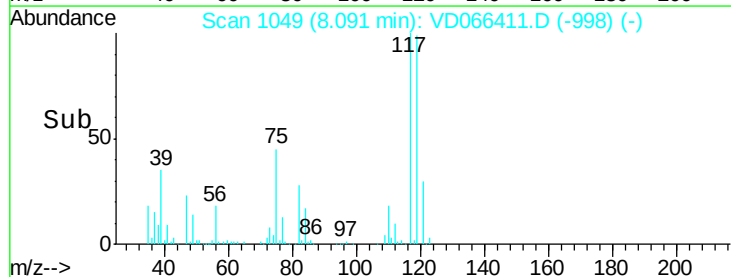
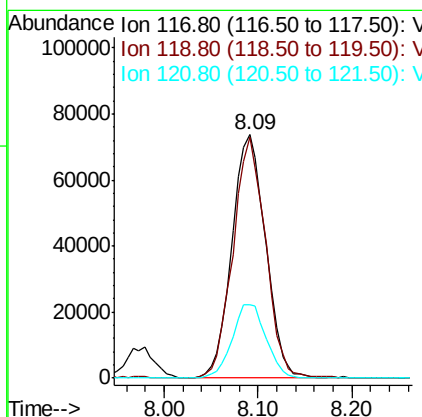
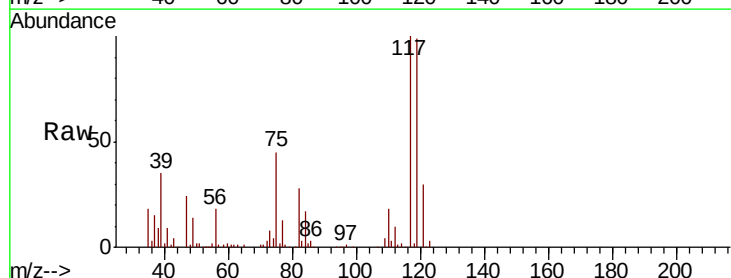
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

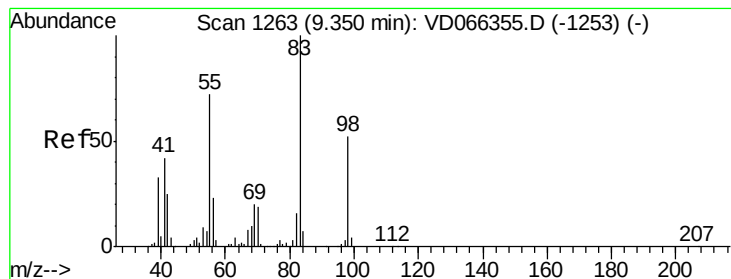
Tot Ion: 43 Resp: 42767
Ion Ratio Lower Upper
43 100
61 16.0 13.3 19.9
70 10.8 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 56.870 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion: 117 Resp: 184101
Ion Ratio Lower Upper
117 100
119 99.1 77.2 115.8
121 30.2 25.8 38.8





#39

Methylvlcyclohexane

Concen: 51.500 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

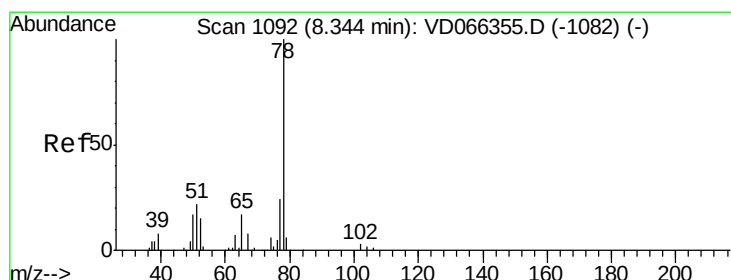
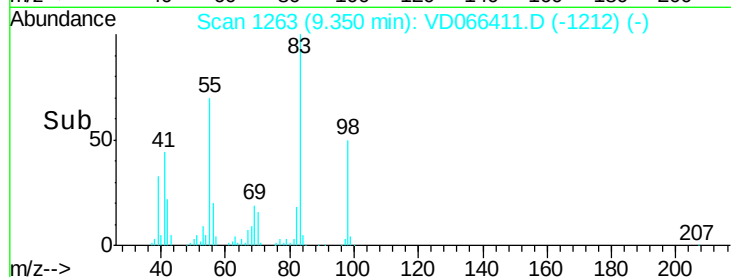
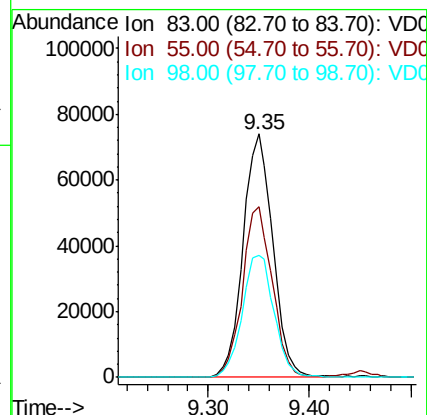
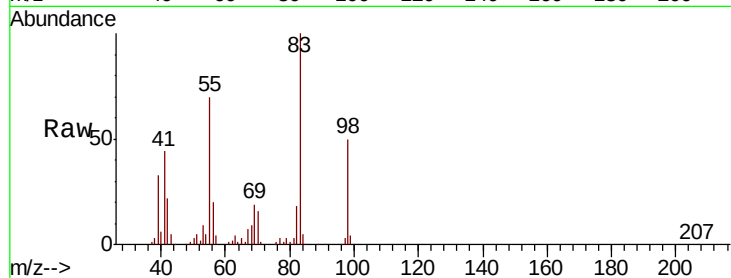
Tot Ion: 83 Resp: 150739

Ion Ratio Lower Upper

83 100

55 70.3 58.0 87.0

98 49.9 41.9 62.9



#40

Benzene

Concen: 51.805 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VD066411.D

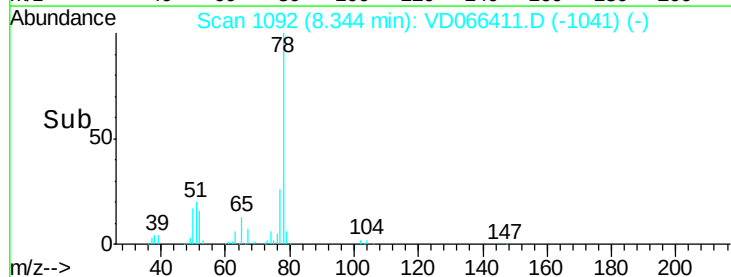
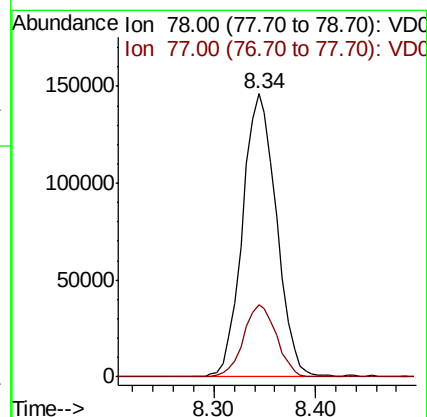
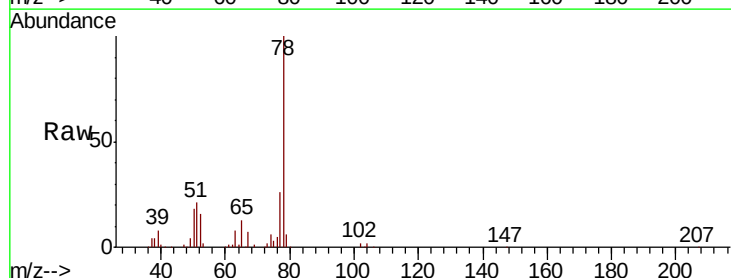
Acq: 26 Aug 2020 10:41

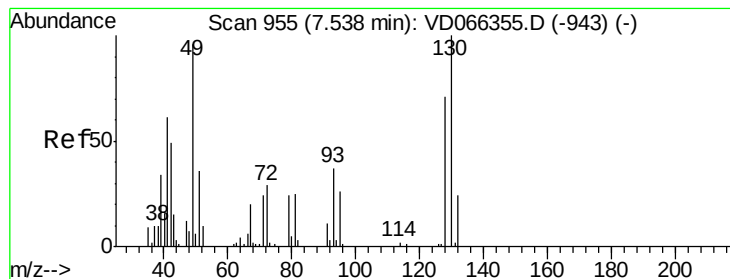
Tgt Ion: 78 Resp: 338626

Ion Ratio Lower Upper

78 100

77 25.5 18.8 28.2





#41

Methacrylonitrile

Concen: 121.690 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 63419

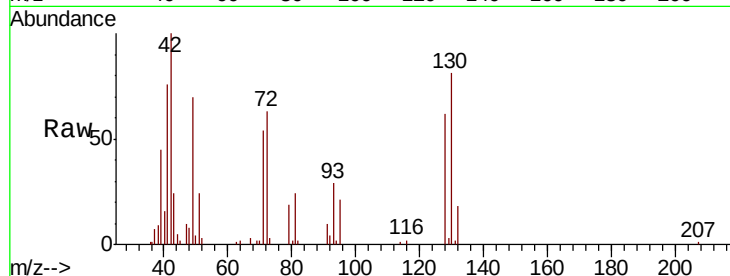
Ion Ratio Lower Upper

41 100

39 60.6 51.8 77.8

67 0.0 0.0 0.0

52 0.0 0.0 0.0

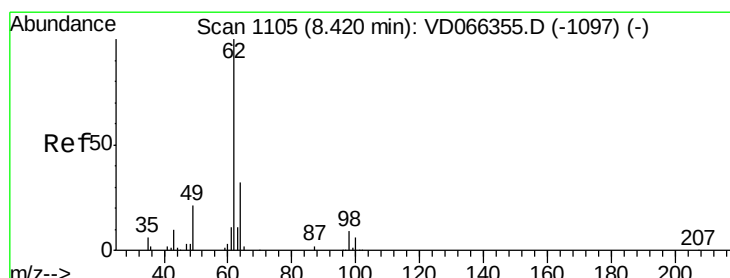
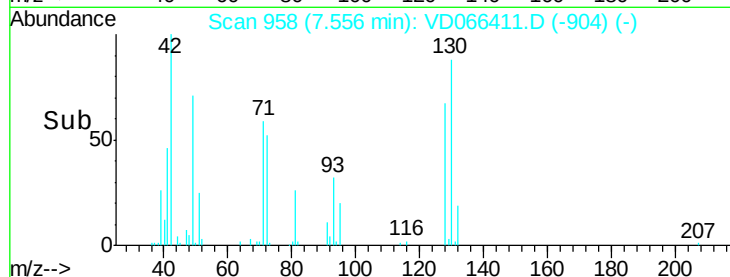
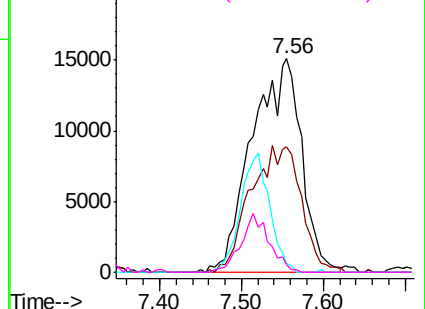


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 56.884 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066411.D

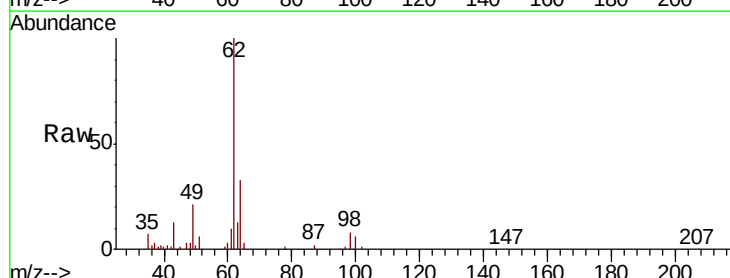
Acq: 26 Aug 2020 10:41

Tgt Ion: 62 Resp: 130957

Ion Ratio Lower Upper

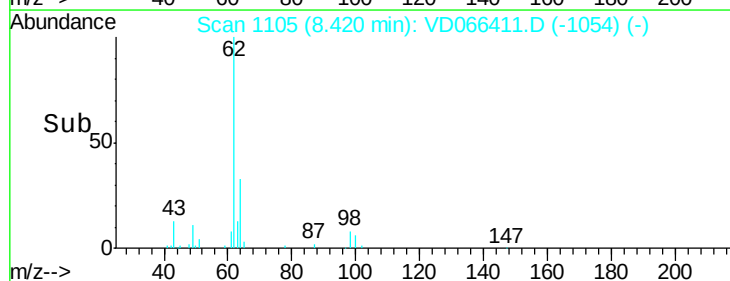
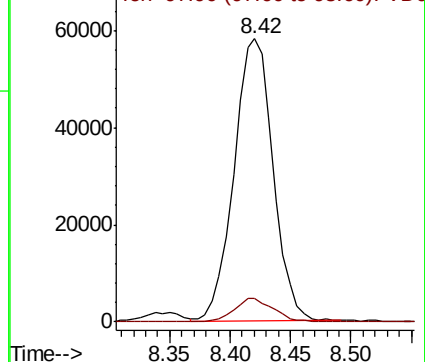
62 100

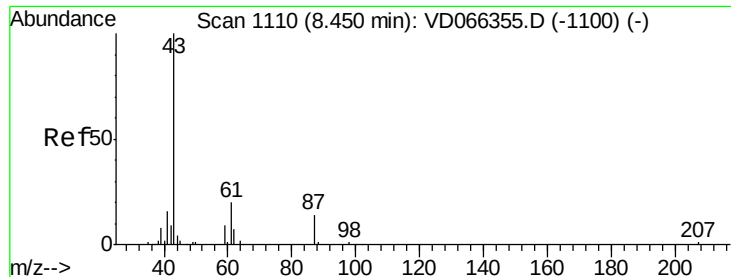
98 8.4 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 50.765 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

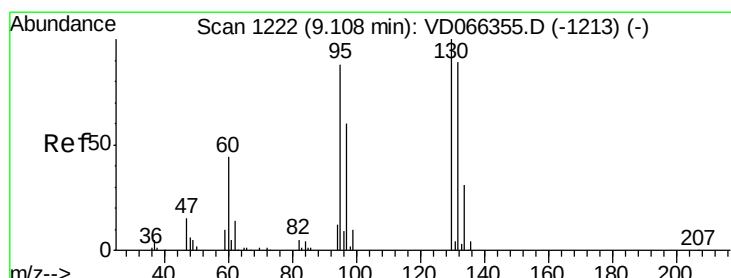
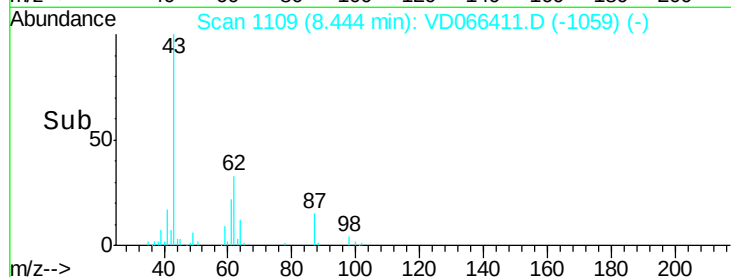
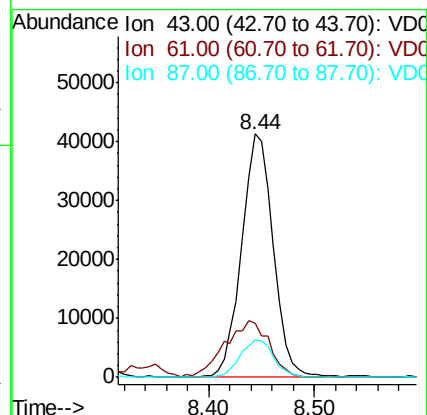
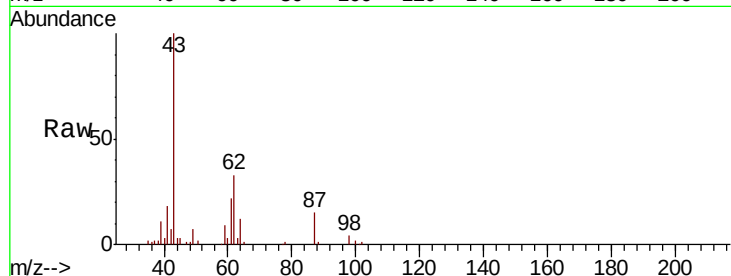
Tot Ion: 43 Resp: 86109

Ion Ratio Lower Upper

43 100

61 32.6 26.5 39.7

87 16.0 11.9 17.9



#44

Trichloroethene

Concen: 52.723 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066411.D

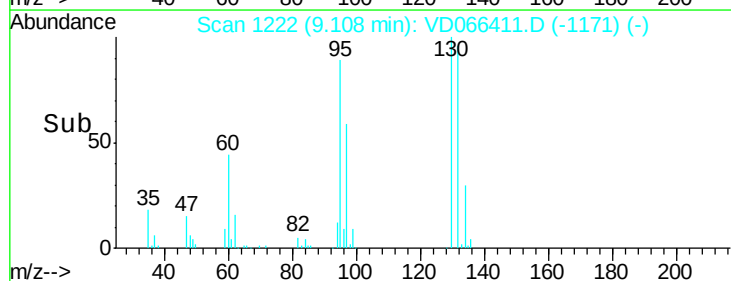
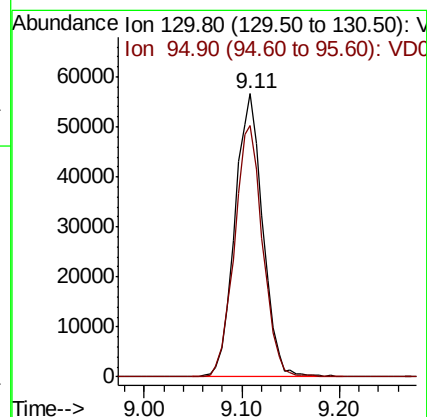
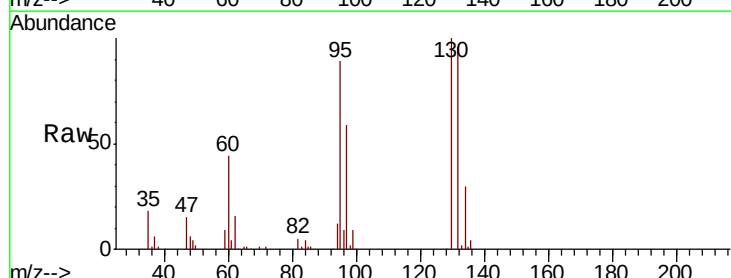
Acq: 26 Aug 2020 10:41

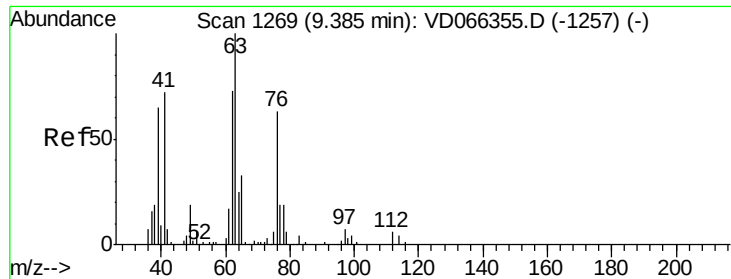
Tgt Ion:130 Resp: 111982

Ion Ratio Lower Upper

130 100

95 88.8 0.0 175.6

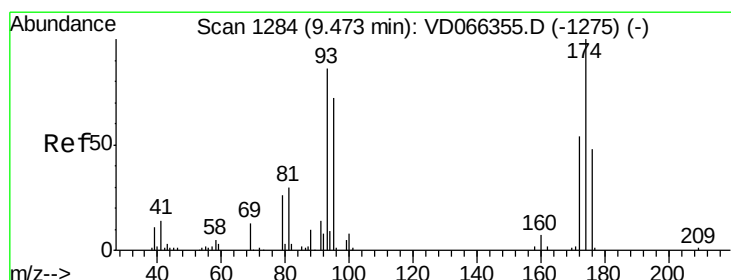
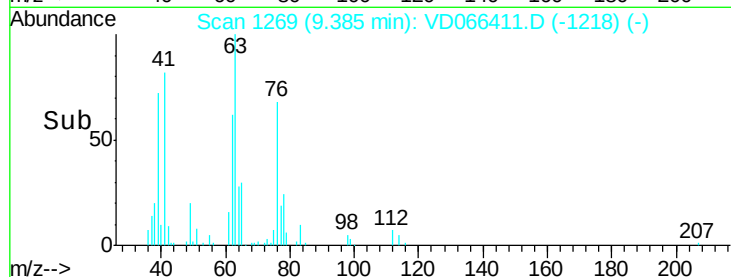
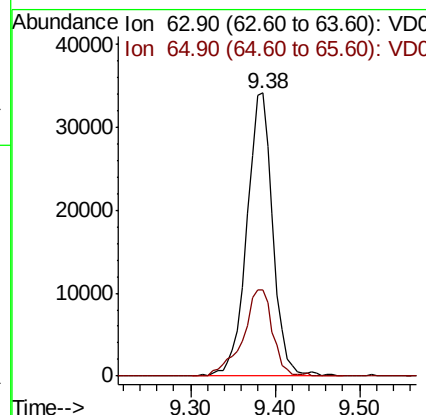
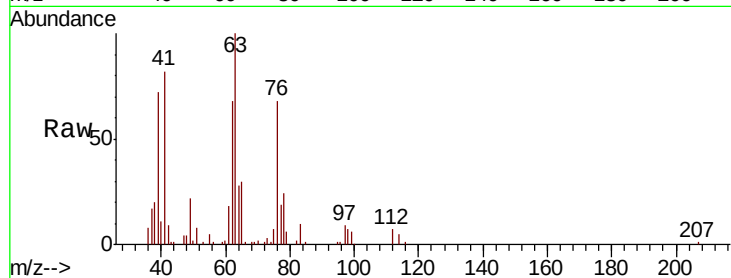




#45
 1,2-Dichloropropane
 Concen: 48.960 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

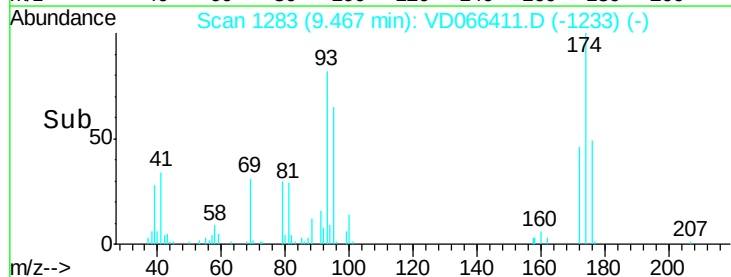
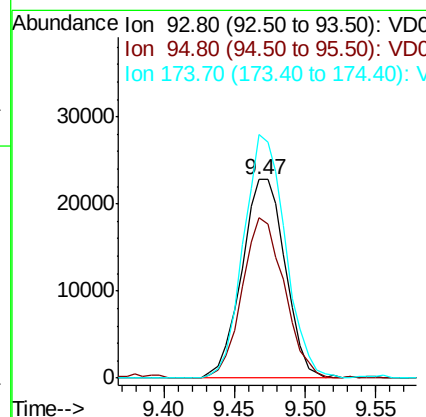
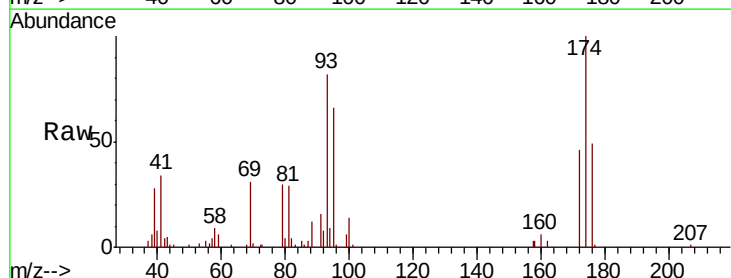
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

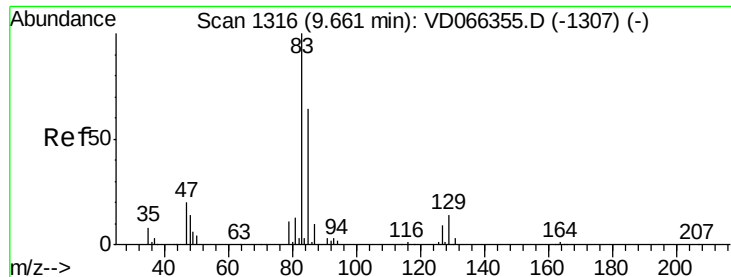
Tot Ion: 63 Resp: 72552
 Ion Ratio Lower Upper
 63 100
 65 30.4 26.4 39.6



#46
 Dibromomethane
 Concen: 53.306 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion: 93 Resp: 49182
 Ion Ratio Lower Upper
 93 100
 95 78.2 66.0 99.0
 174 118.1 94.6 141.8





#47

Bromodichloromethane

Concen: 55.573 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

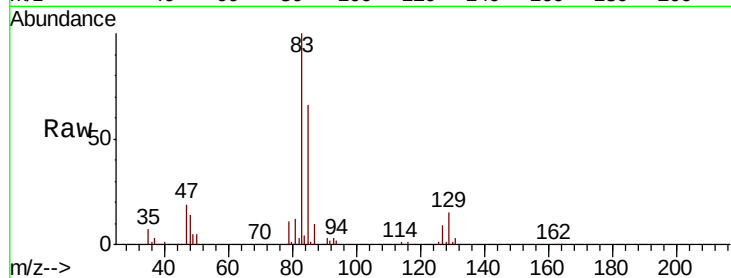
Tot Ion: 83 Resp: 141005

Ion Ratio Lower Upper

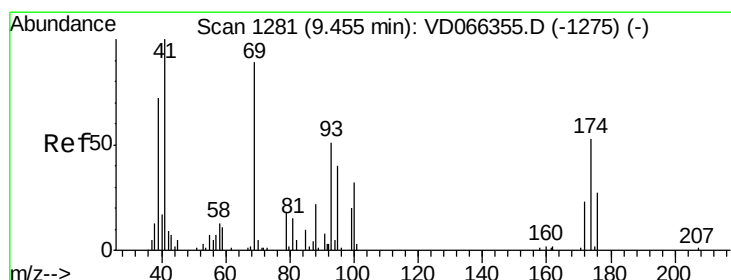
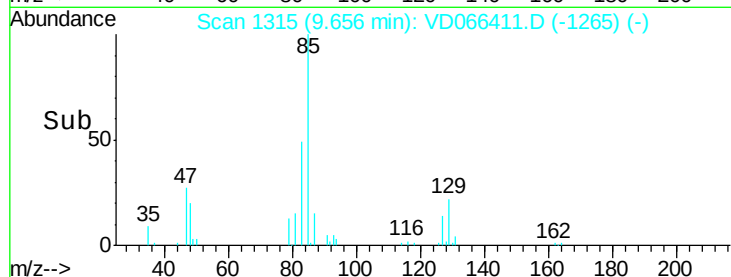
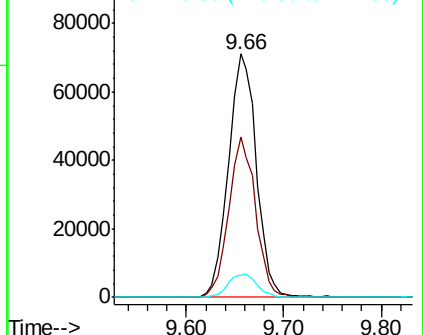
83 100

85 65.8 51.4 77.0

127 9.2 7.4 11.0



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



#48

Methyl methacrylate

Concen: 49.279 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

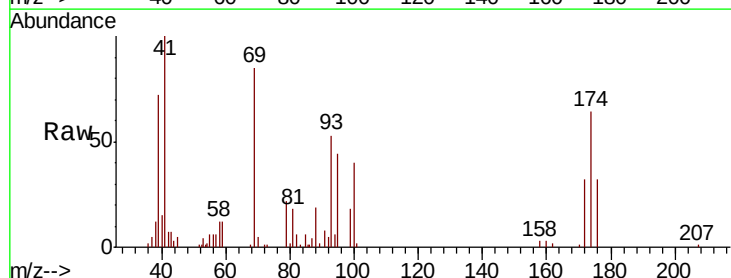
Tgt Ion: 41 Resp: 43104

Ion Ratio Lower Upper

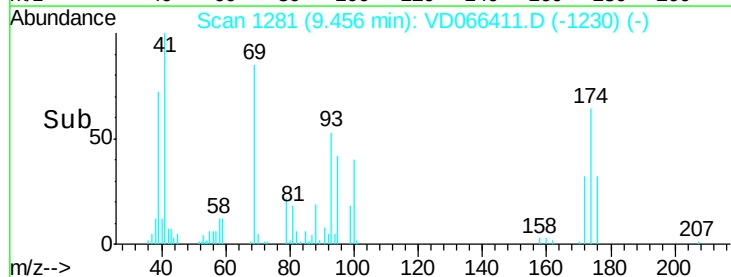
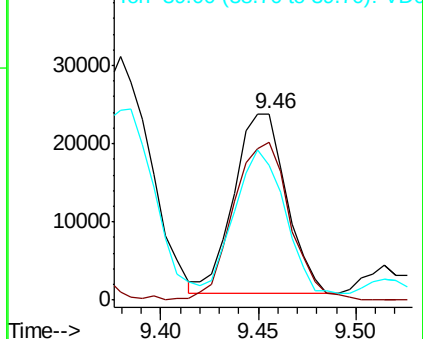
41 100

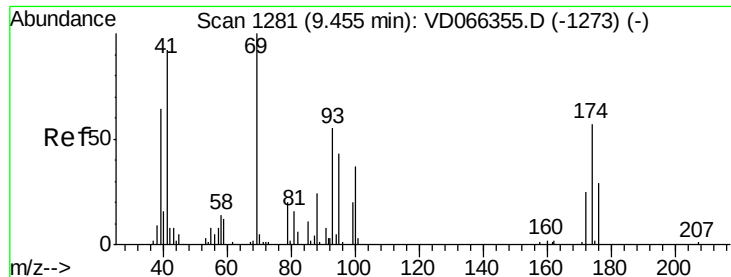
69 94.2 75.5 113.3

39 75.4 57.0 85.4



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

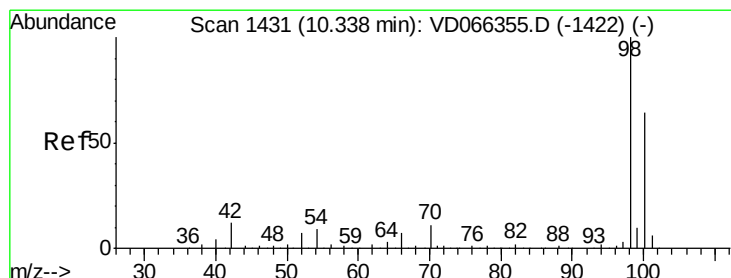
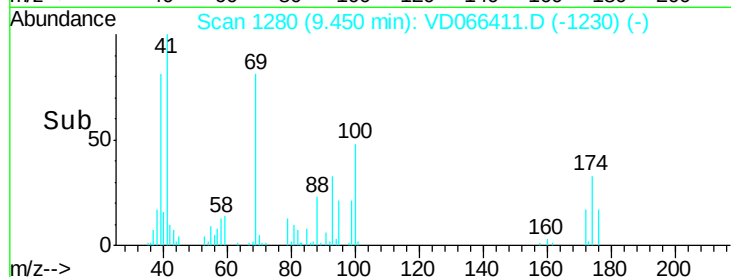
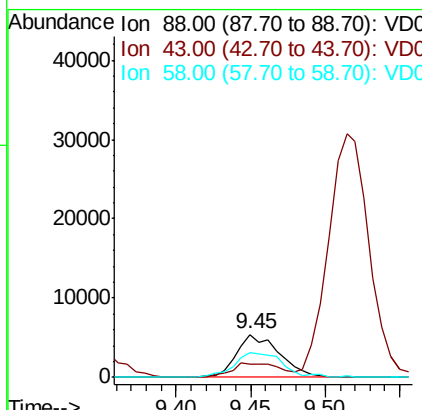
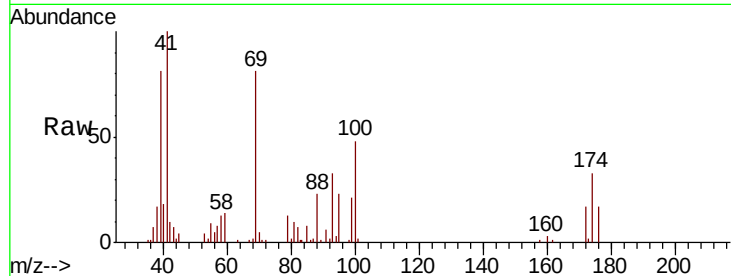




#49
1,4-Dioxane
Concen: 1002.399 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

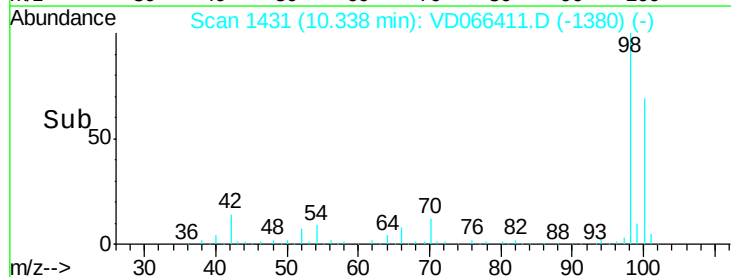
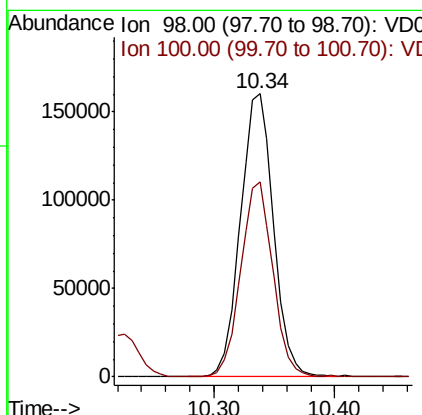
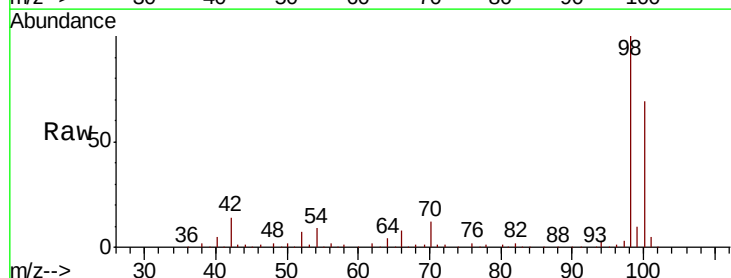
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

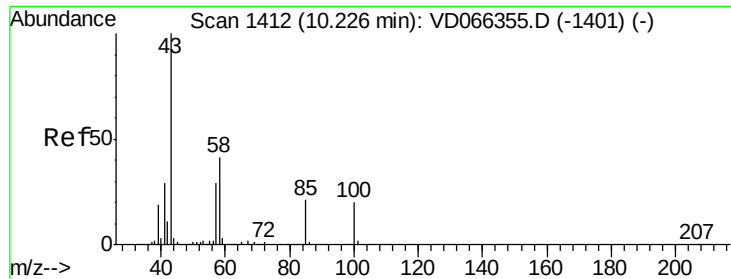
Tot Ion: 88 Resp: 10739
Ion Ratio Lower Upper
88 100
43 37.8 29.4 44.0
58 64.7 45.4 68.2



#50
Toluene-d8
Concen: 48.883 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion: 98 Resp: 304559
Ion Ratio Lower Upper
98 100
100 67.4 53.0 79.4

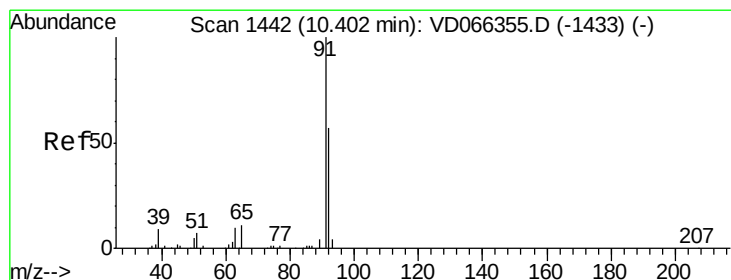
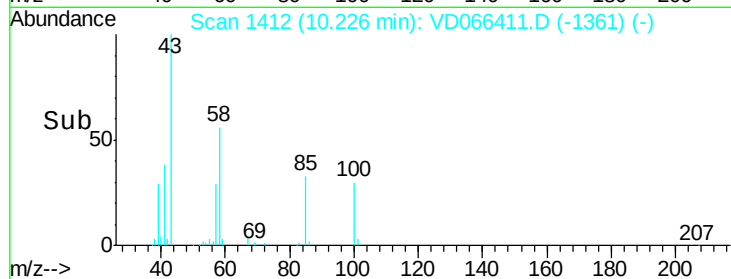
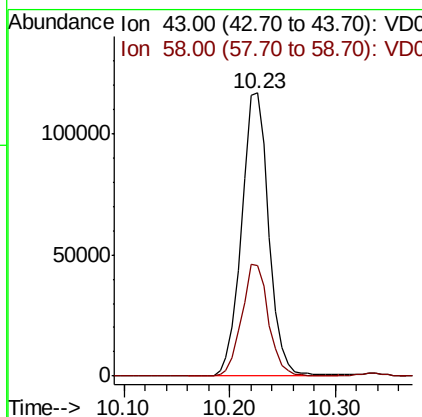
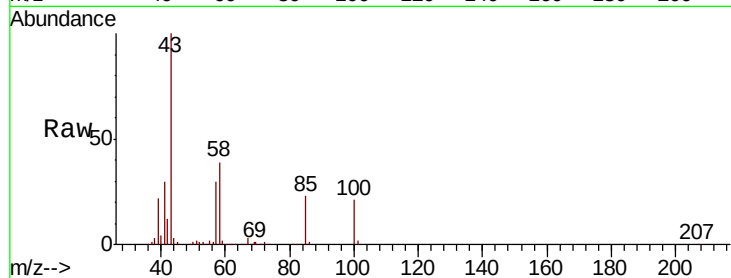




#51
 4-Methyl-2-Pentanone
 Concen: 254.450 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

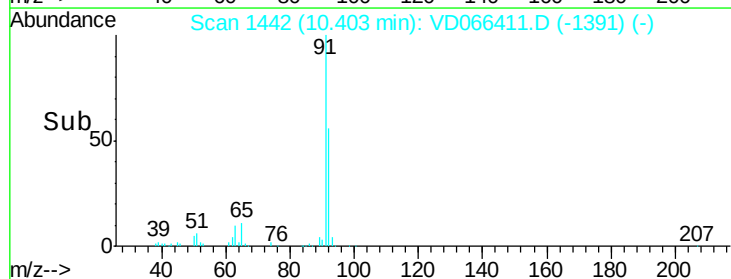
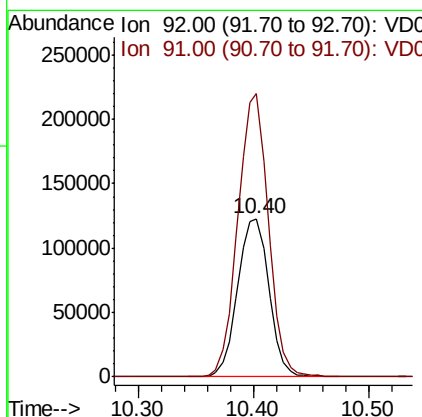
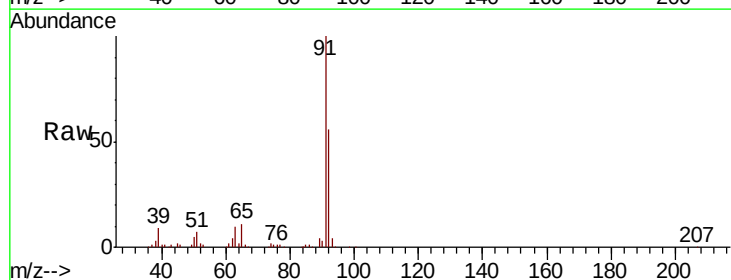
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

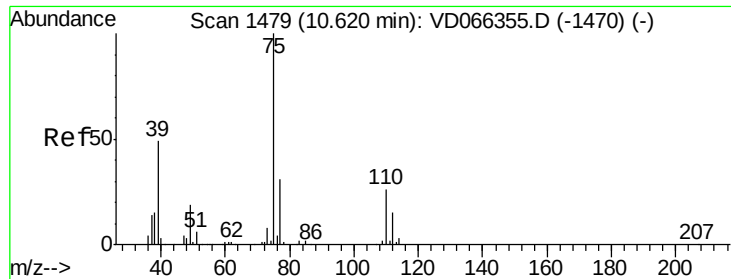
Tot Ion: 43 Resp: 208792
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.4 47.2



#52
 Toluene
 Concen: 52.365 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion: 92 Resp: 231899
 Ion Ratio Lower Upper
 92 100
 91 173.9 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 53.344 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

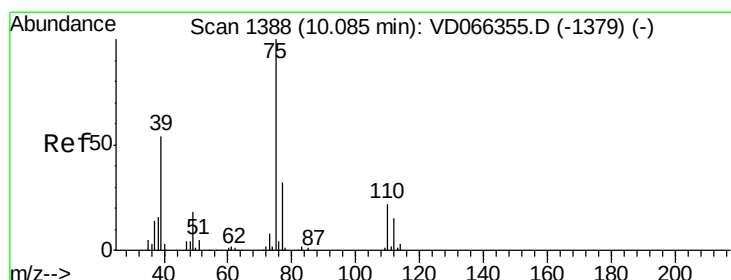
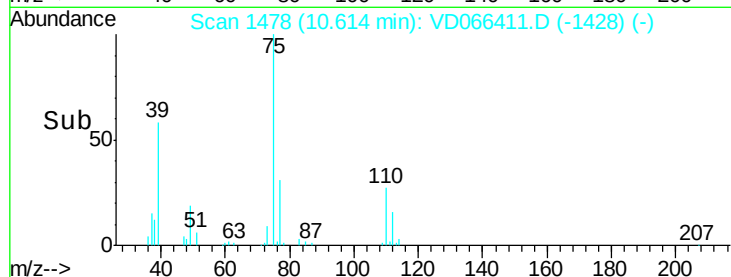
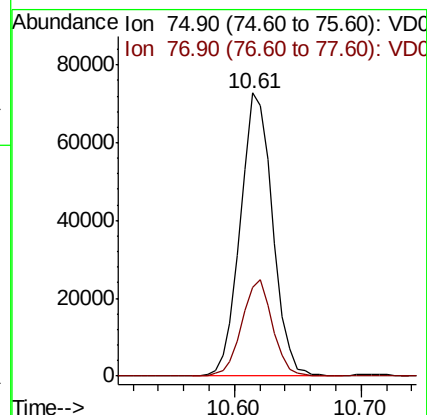
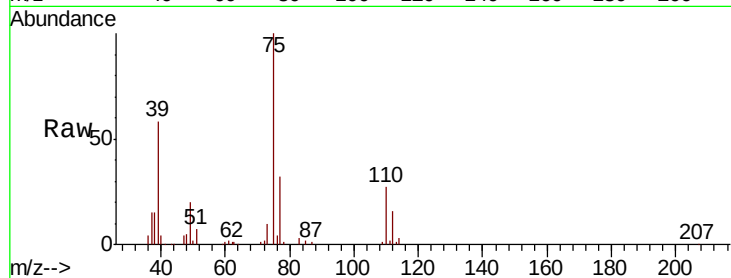
VSTDCCC050

Tot Ion: 75 Resp: 128430

Ion Ratio Lower Upper

75 100

77 31.5 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 53.096 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

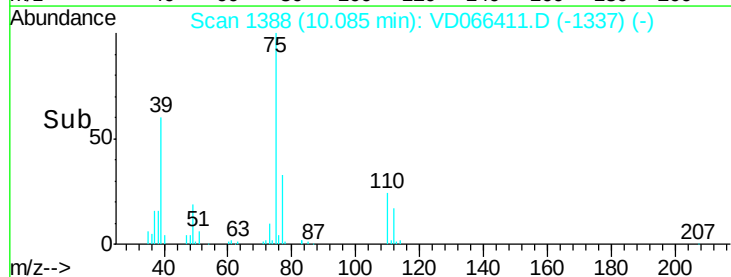
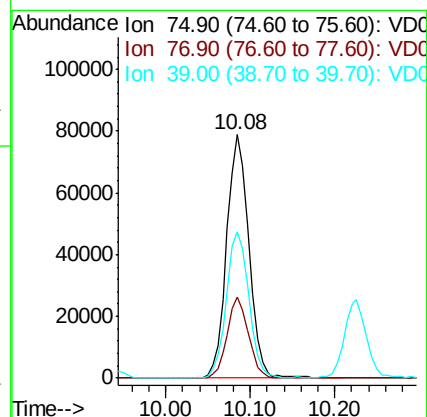
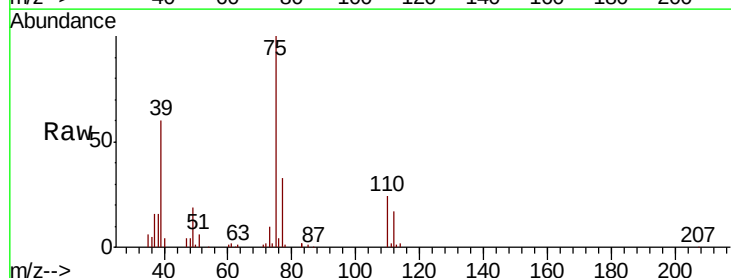
Tgt Ion: 75 Resp: 143488

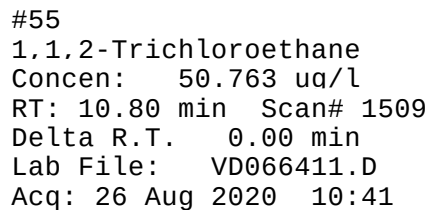
Ion Ratio Lower Upper

75 100

77 33.3 25.6 38.4

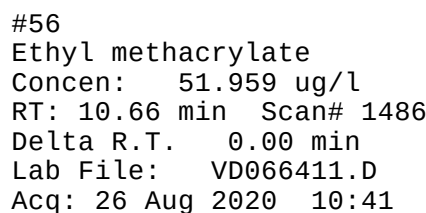
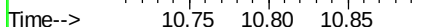
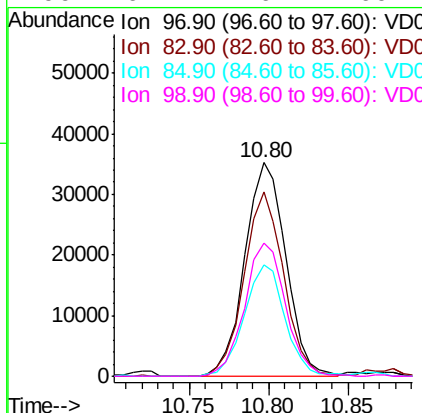
39 60.0 43.4 65.0



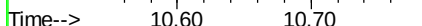
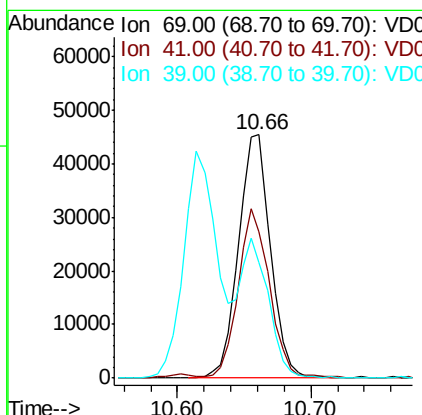


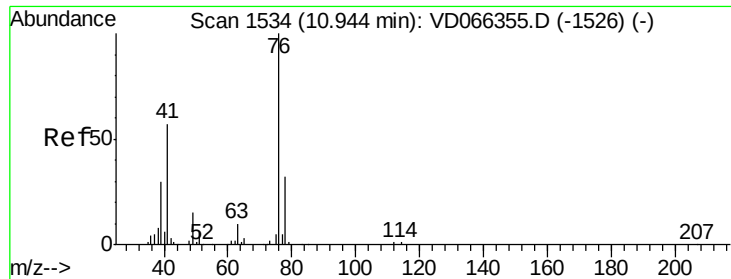
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tat	Ion: 97	Resp:	63405
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.4	102.6
85	52.4	41.3	61.9
99	62.4	46.1	69.1



Tgt	Ion: 69	Resp:	75129
Ion	Ratio	Lower	Upper
69	100		
41	68.3	50.8	76.2
39	53.7	32.9	49.3#

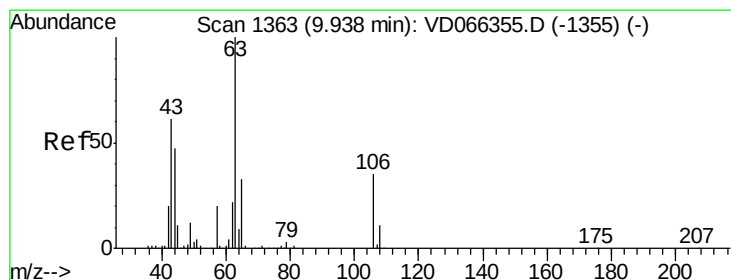
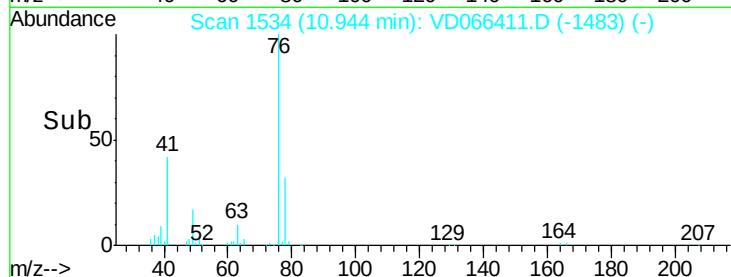
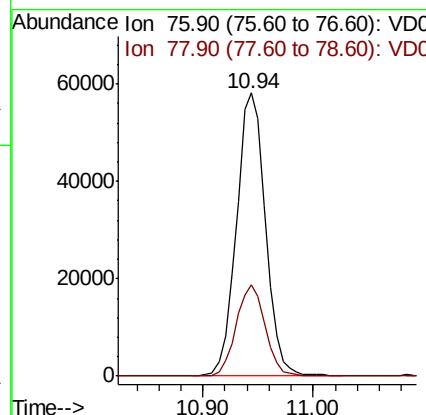
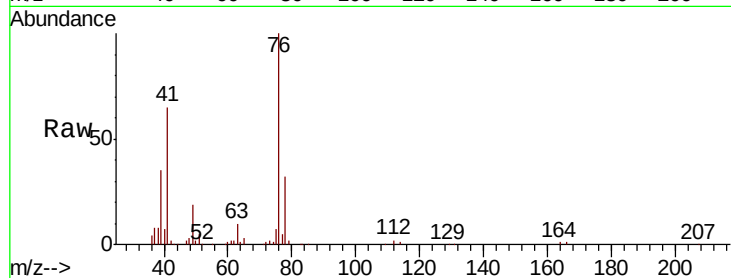




#57
 1,3-Dichloropropane
 Concen: 51.912 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

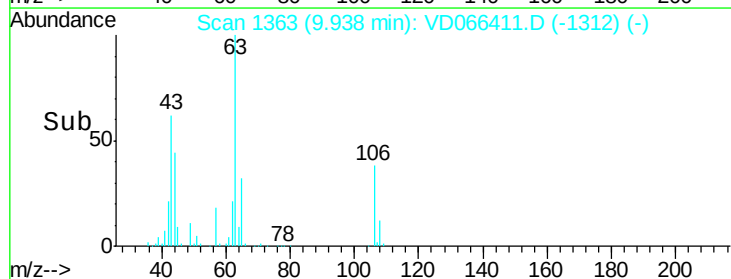
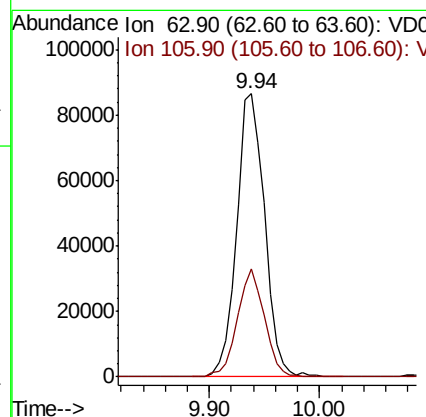
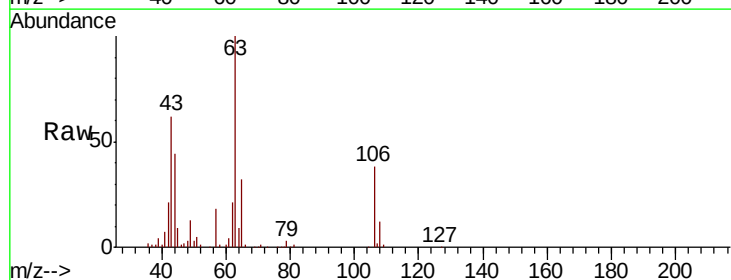
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

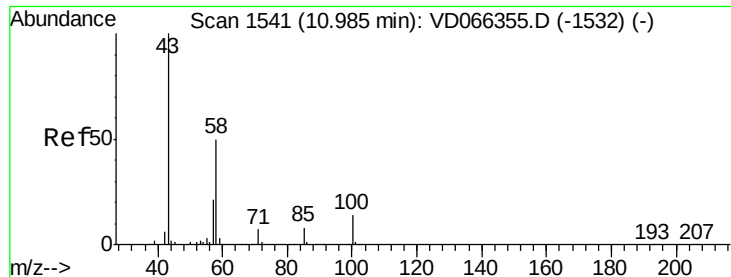
Tot Ion: 76 Resp: 107253
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.063 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion: 63 Resp: 154374
 Ion Ratio Lower Upper
 63 100
 106 36.8 27.1 40.7

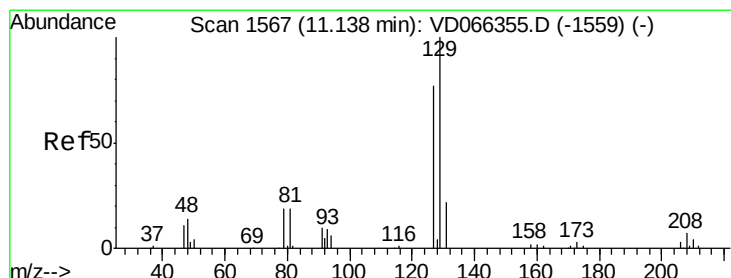
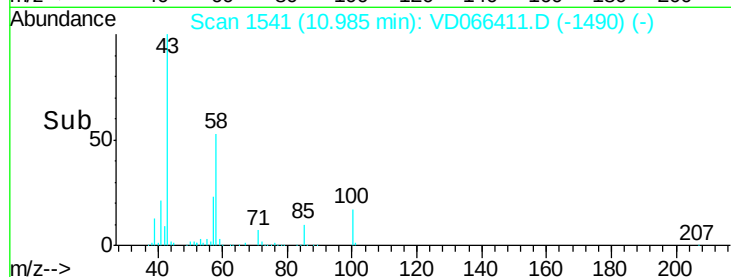
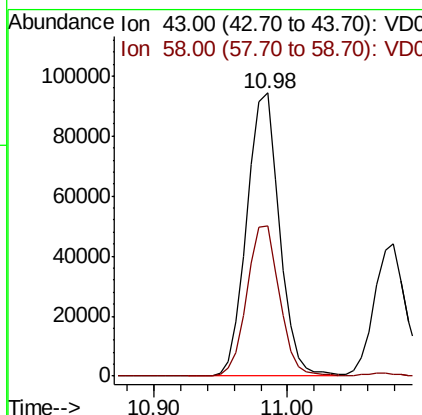
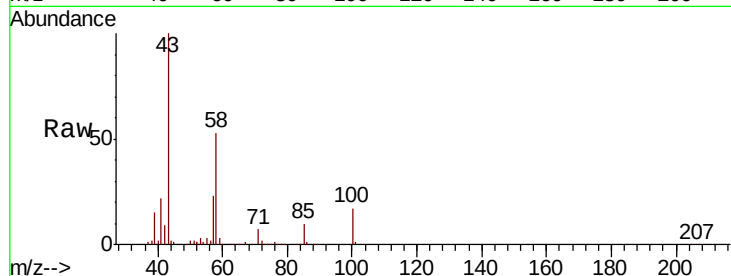




#59
2-Hexanone
Concen: 275.864 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

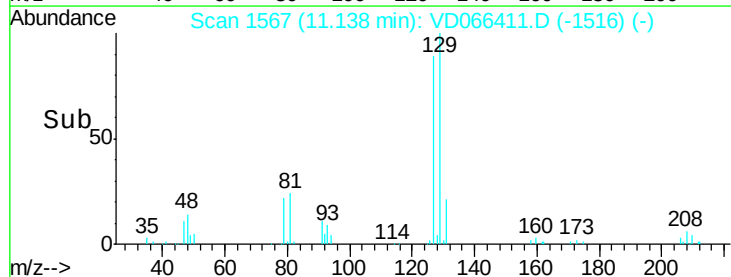
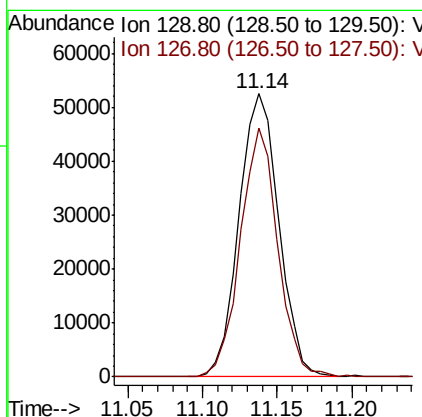
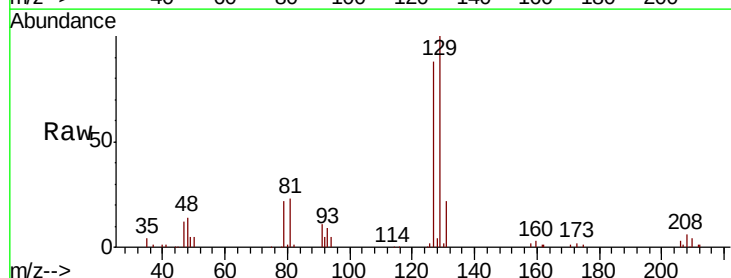
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

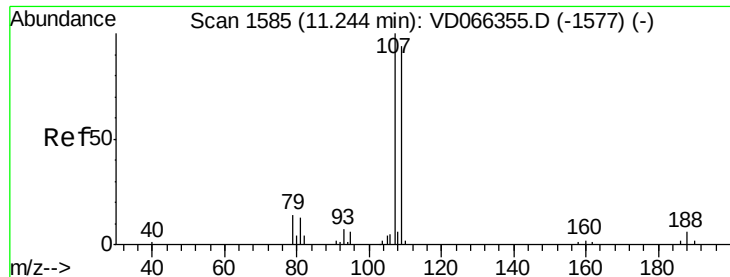
Tot Ion: 43 Resp: 159669
Ion Ratio Lower Upper
43 100
58 52.7 26.3 78.8



#60
Dibromochloromethane
Concen: 51.601 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion:129 Resp: 97152
Ion Ratio Lower Upper
129 100
127 82.6 39.0 117.0

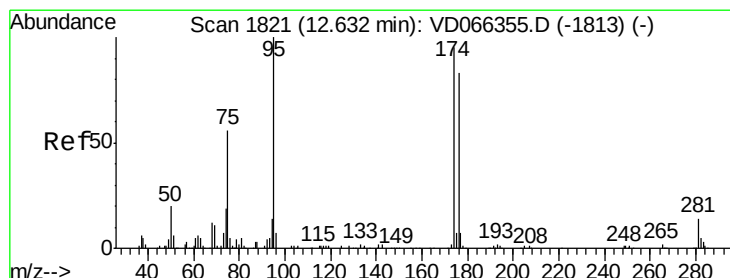
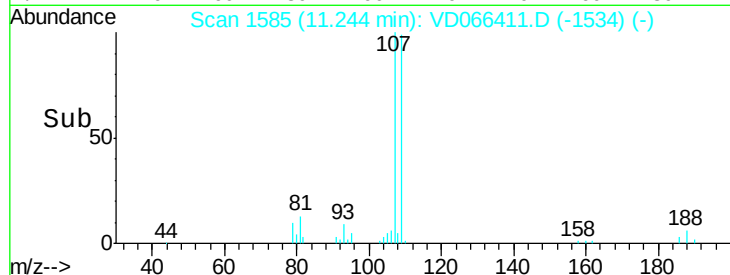
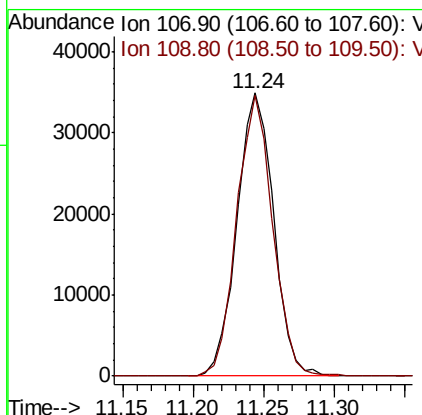
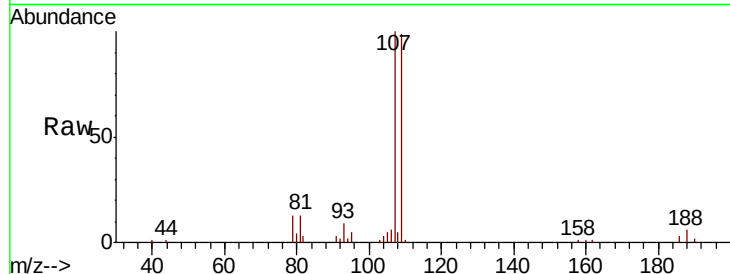




#61
 1,2-Dibromoethane
 Concen: 51.575 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

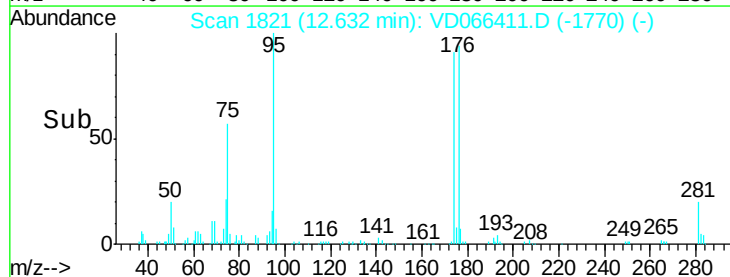
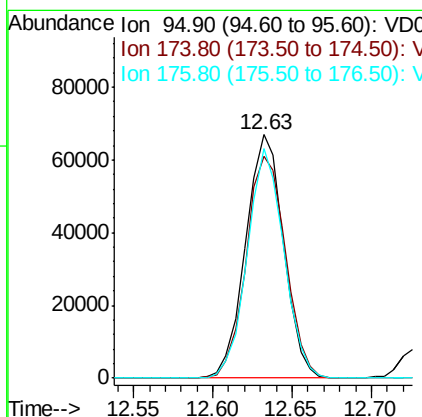
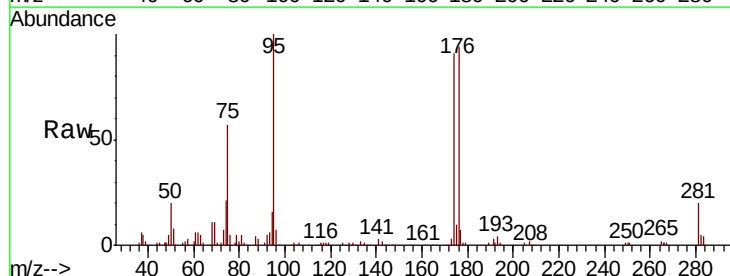
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

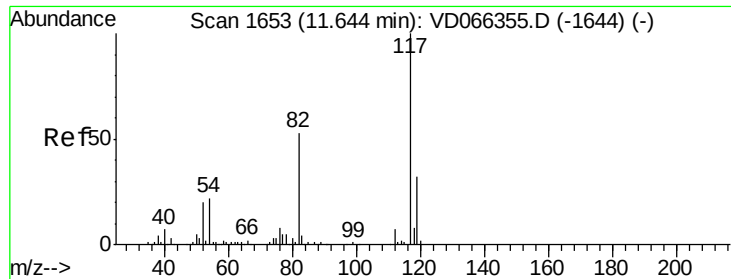
Tot Ion:107 Resp: 63395
 Ion Ratio Lower Upper
 107 100
 109 97.1 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 50.409 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion: 95 Resp: 111444
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 183.4
 176 90.8 0.0 173.8

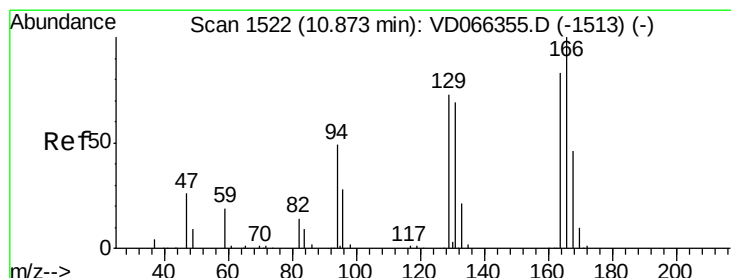
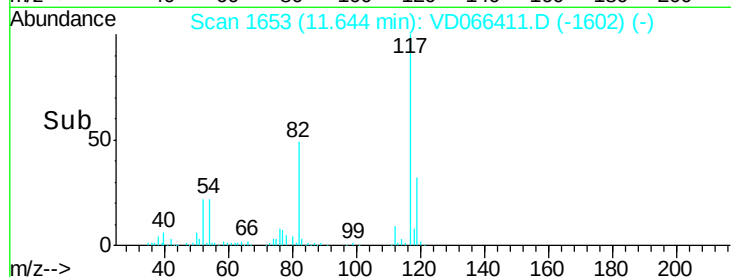
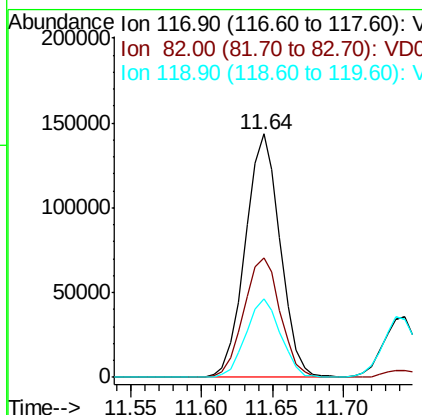
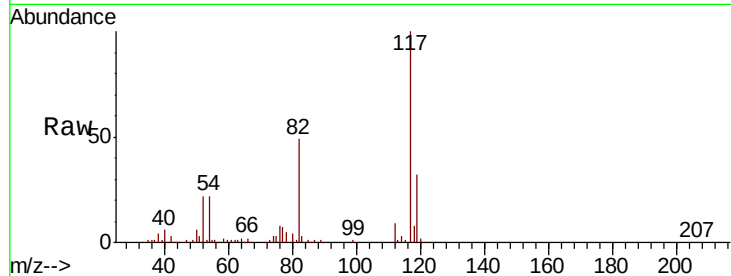




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

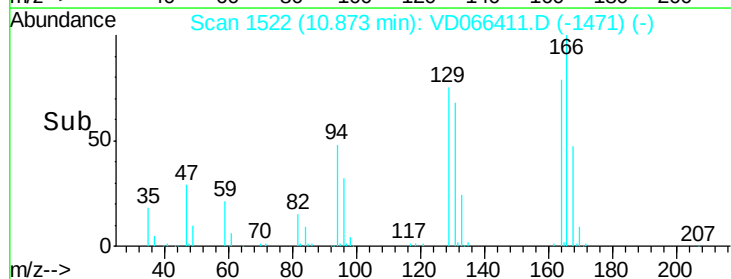
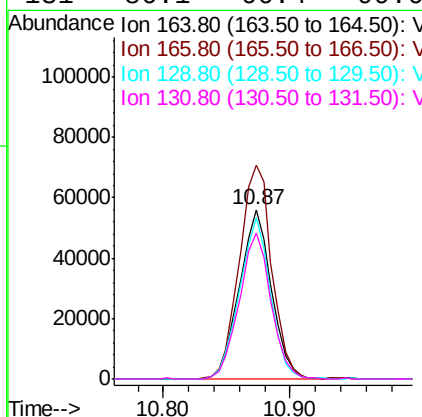
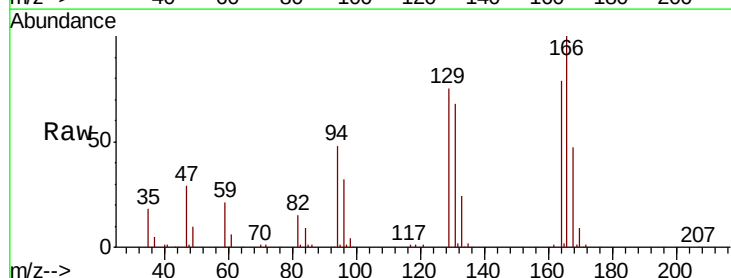
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

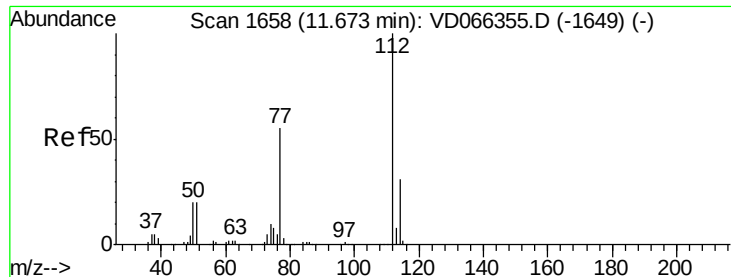
Tot Ion:117 Resp: 248740
Ion Ratio Lower Upper
117 100
82 49.2 42.8 64.2
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 51.737 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion:164 Resp: 97623
Ion Ratio Lower Upper
164 100
166 126.4 96.2 144.4
129 95.1 70.3 105.5
131 86.1 66.4 99.6

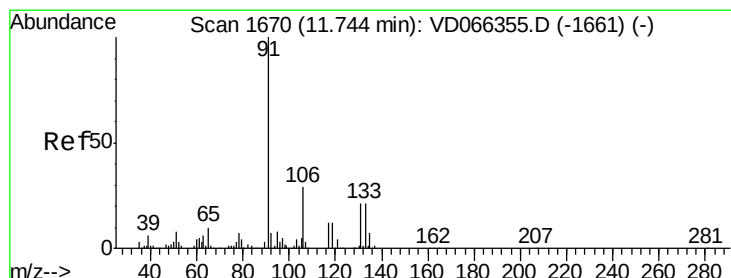
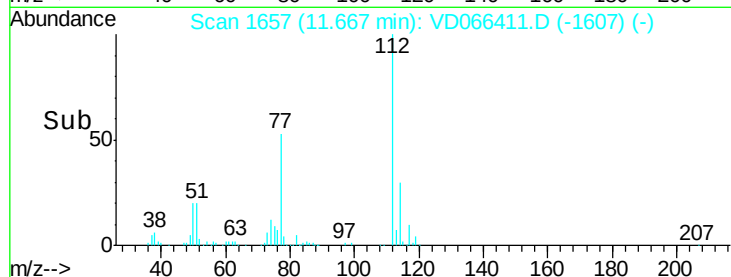
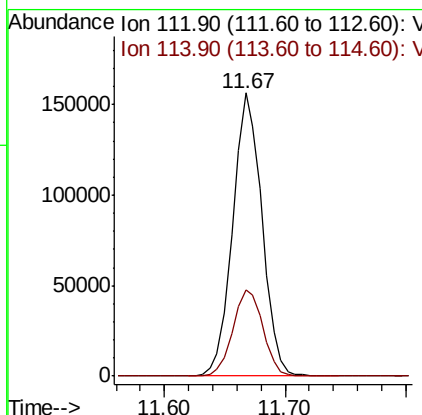
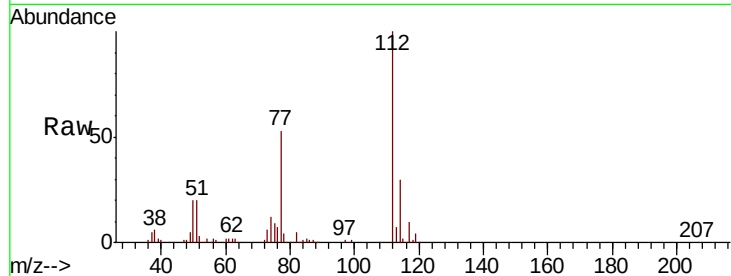




#65
Chlorobenzene
Concen: 53.321 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

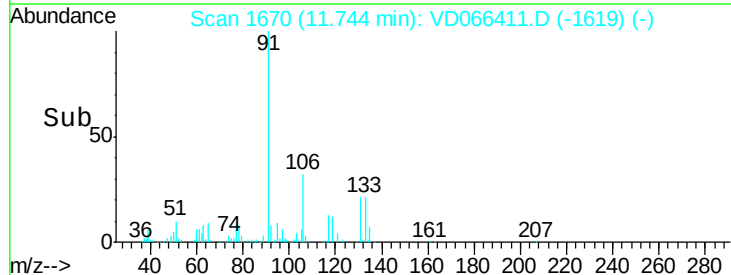
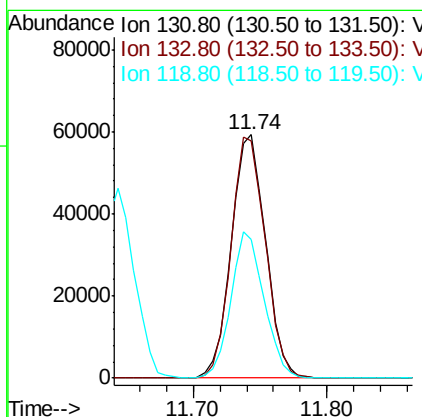
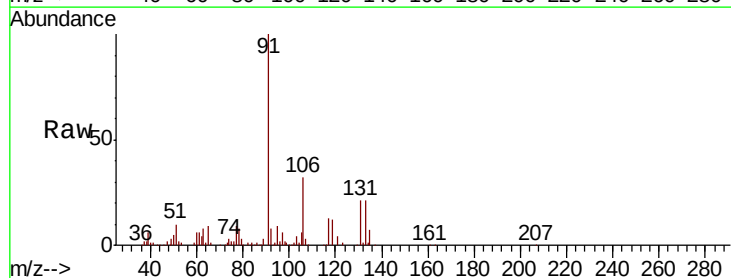
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

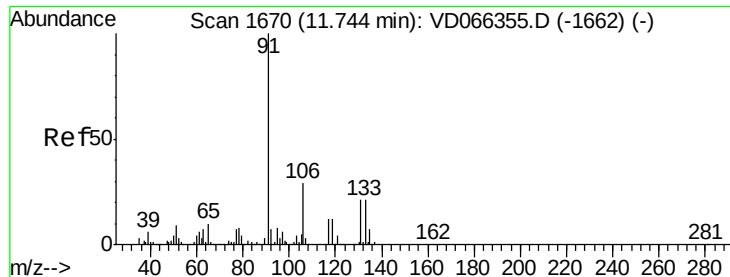
Tot Ion:112 Resp: 263868
Ion Ratio Lower Upper
112 100
114 30.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.447 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion:131 Resp: 106068
Ion Ratio Lower Upper
131 100
133 98.8 48.6 145.9
119 58.2 29.0 87.1





#67

Ethyl Benzene

Concen: 53.343 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

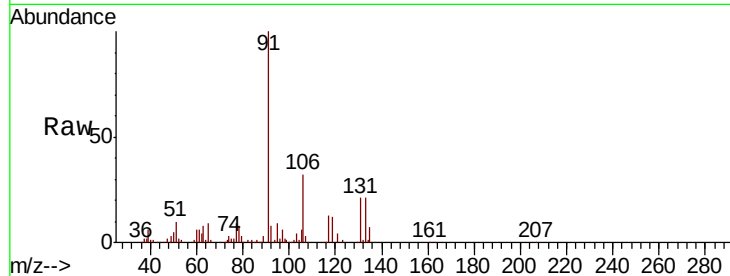
VSTDCCC050

Tot Ion: 91 Resp: 464673

Ion Ratio Lower Upper

91 100

106 31.7 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

400000

300000

200000

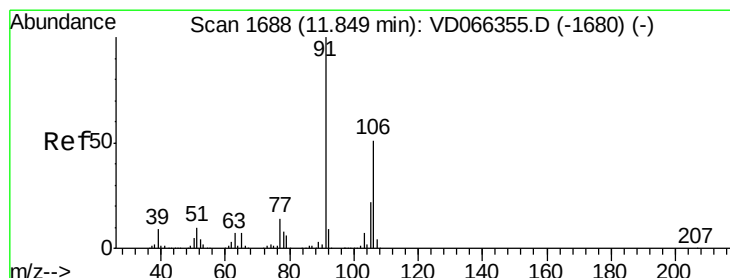
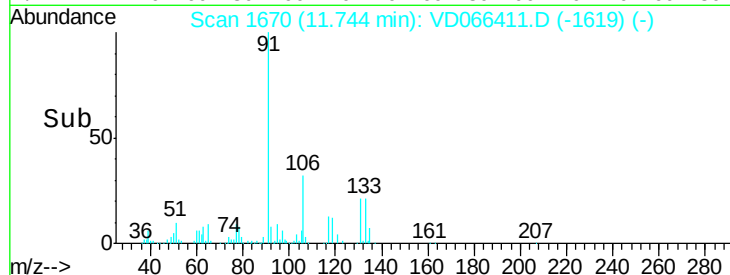
100000

0

11.74

11.80

Time-->



#68

m/p-Xylenes

Concen: 107.089 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066411.D

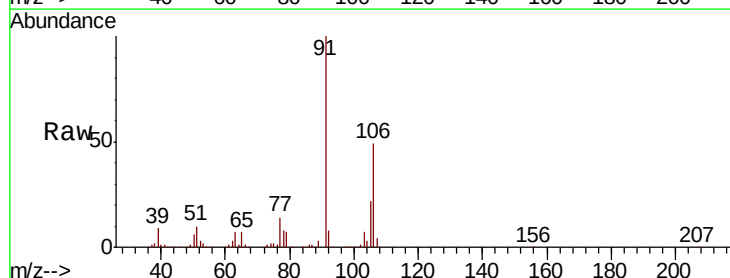
Acq: 26 Aug 2020 10:41

Tgt Ion: 106 Resp: 355559

Ion Ratio Lower Upper

106 100

91 205.6 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

400000

300000

200000

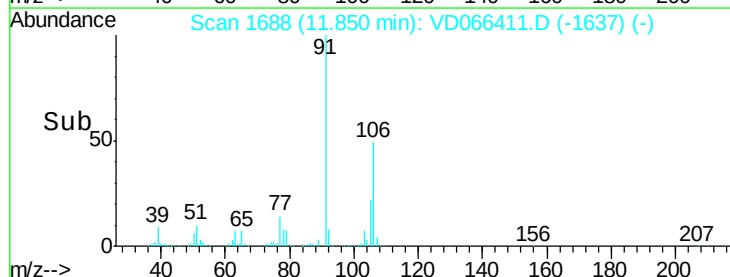
100000

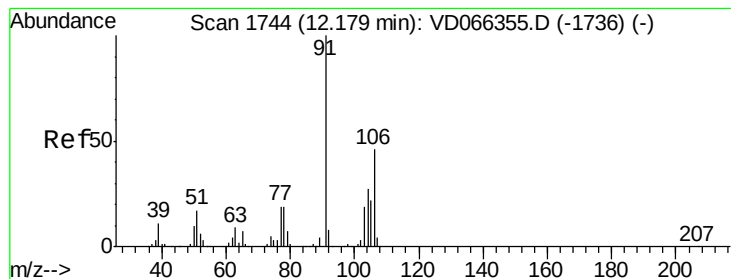
0

11.85

11.90

Time-->





#69

o-Xylene

Concen: 51.980 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

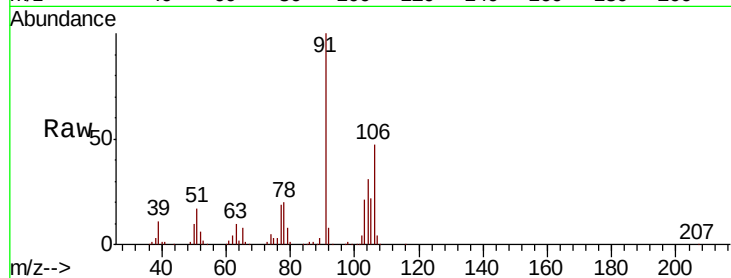
VSTDCCC050

Tot Ion:106 Resp: 160555

Ion Ratio Lower Upper

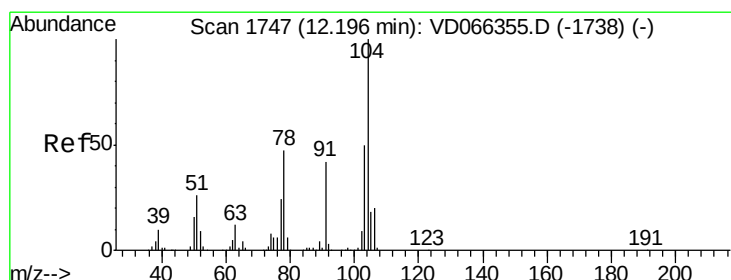
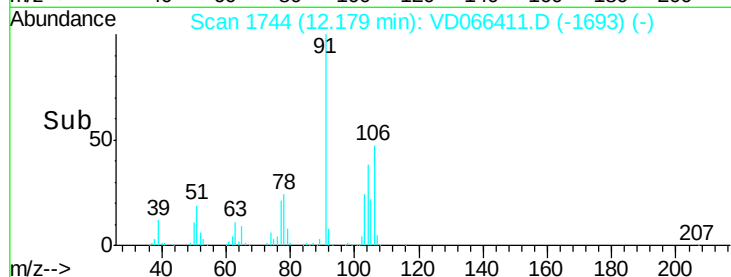
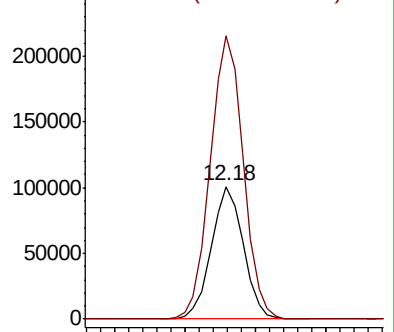
106 100

91 220.4 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#70

Styrene

Concen: 53.504 ug/l

RT: 12.19 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

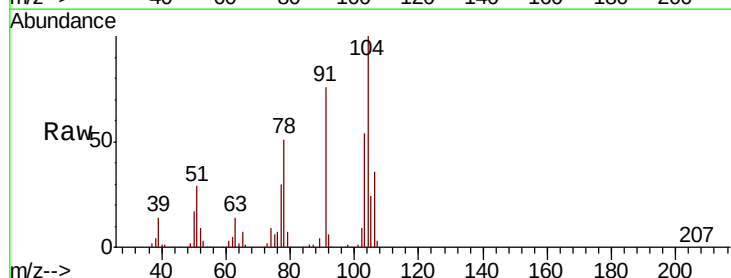
Tgt Ion:104 Resp: 283764

Ion Ratio Lower Upper

104 100

78 54.1 41.7 62.5

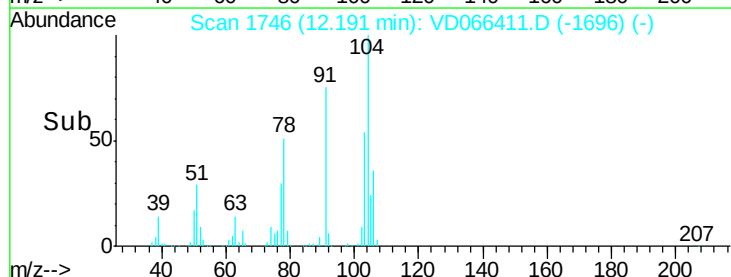
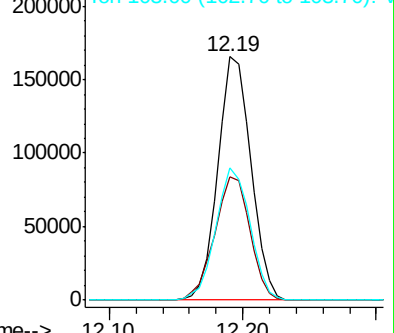
103 56.3 43.5 65.3

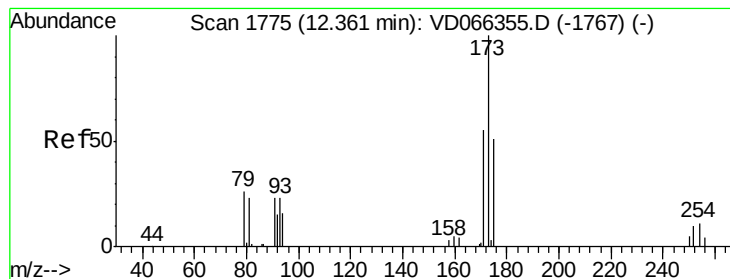


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VDC

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.057 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

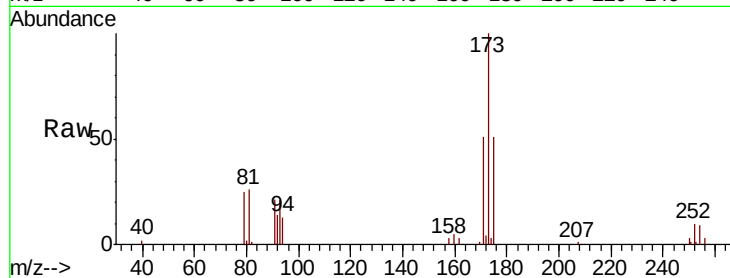
Tot Ion:173 Resp: 62024

Ion Ratio Lower Upper

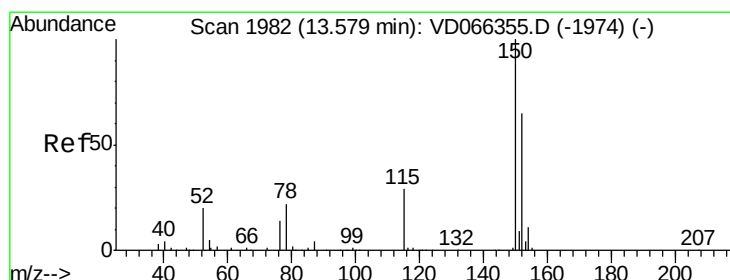
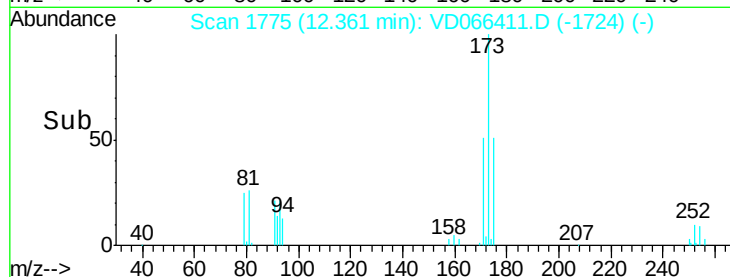
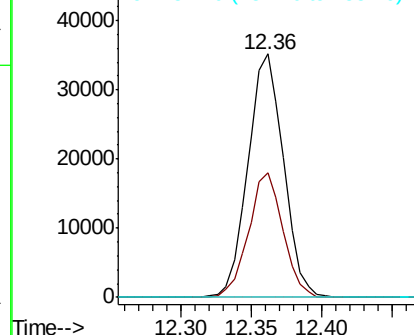
173 100

175 49.6 24.8 74.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

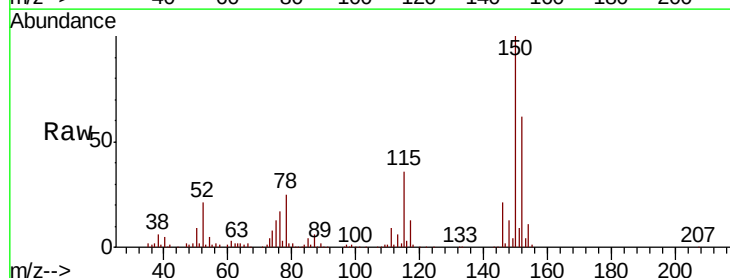
Tgt Ion:152 Resp: 129793

Ion Ratio Lower Upper

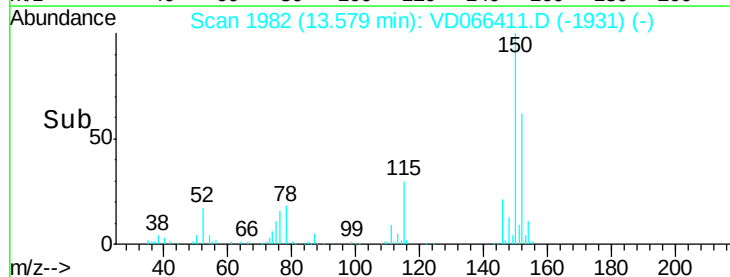
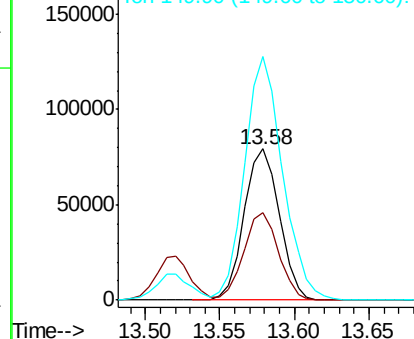
152 100

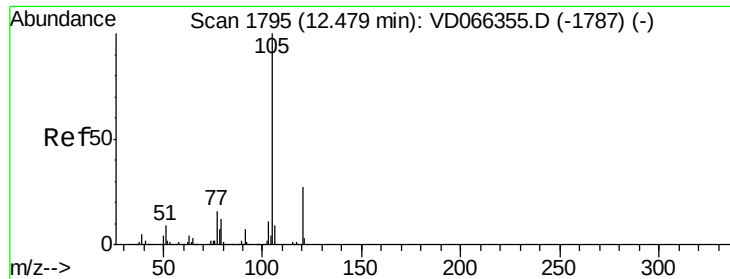
115 57.2 28.3 85.0

150 173.5 0.0 343.2



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

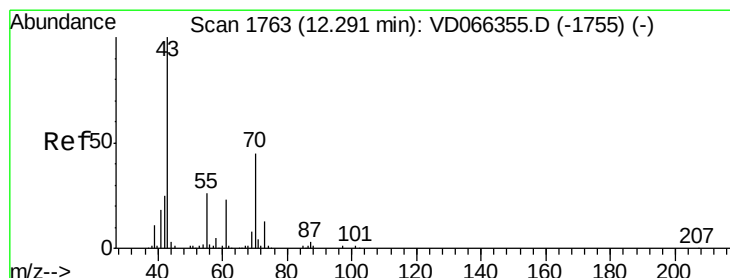
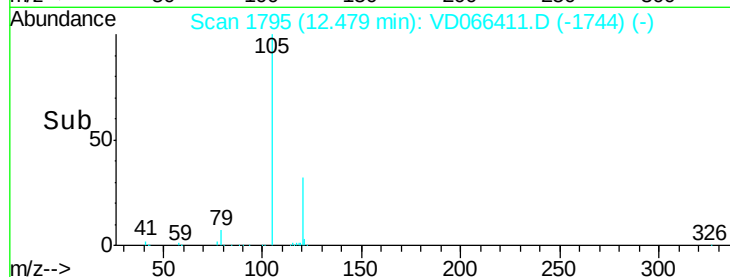
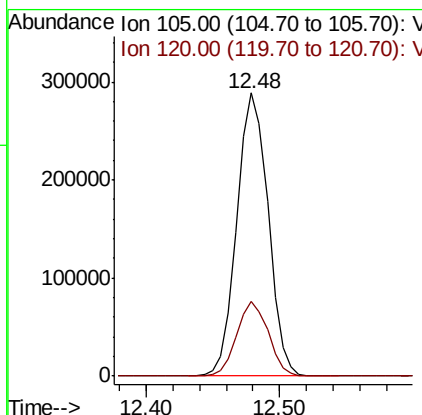
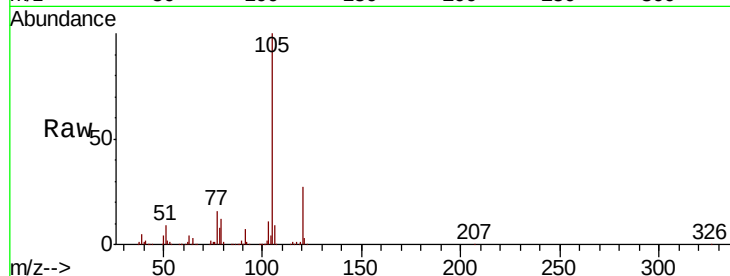




#73
Isopropylbenzene
Concen: 53.972 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

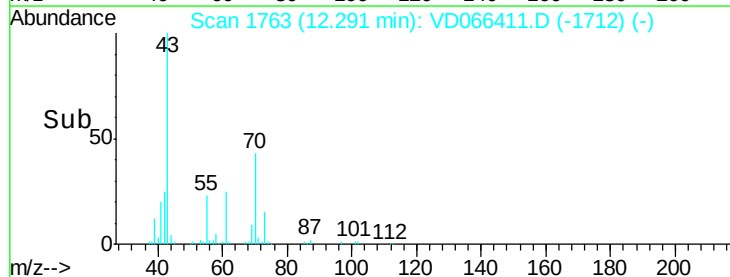
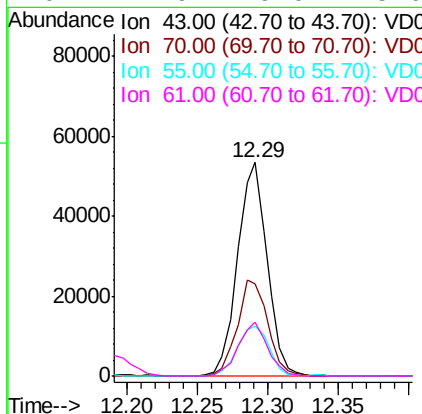
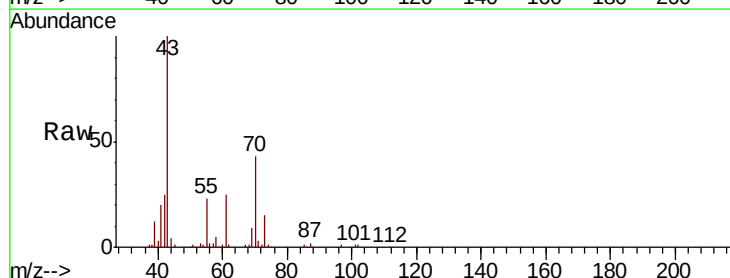
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

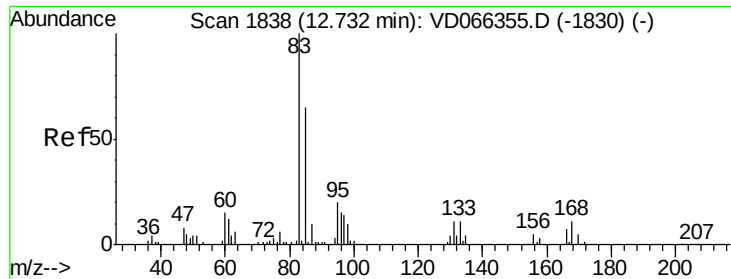
Tot Ion:105 Resp: 469278
Ion Ratio Lower Upper
105 100
120 26.5 13.6 40.8



#74
N-ethyl acetate
Concen: 49.706 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion: 43 Resp: 78056
Ion Ratio Lower Upper
43 100
70 46.3 34.8 52.2
55 25.1 20.3 30.5
61 24.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.683 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

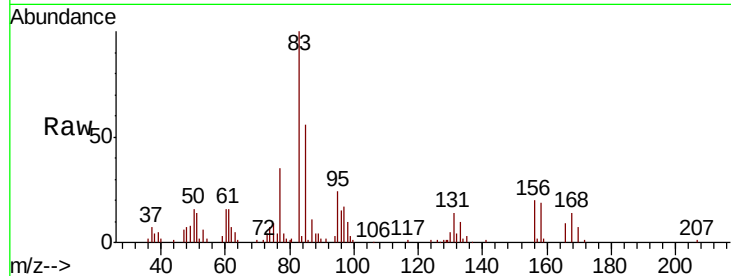
Tot Ion: 83 Resp: 61710

Ion Ratio Lower Upper

83 100

131 14.8 7.0 20.9

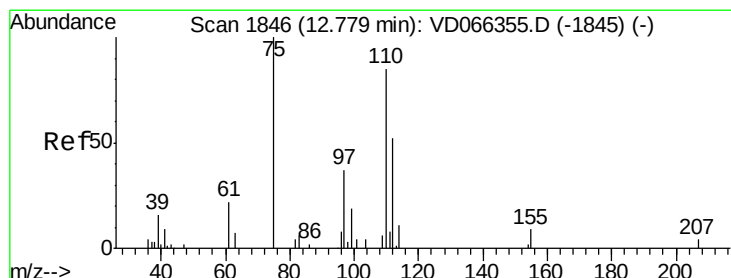
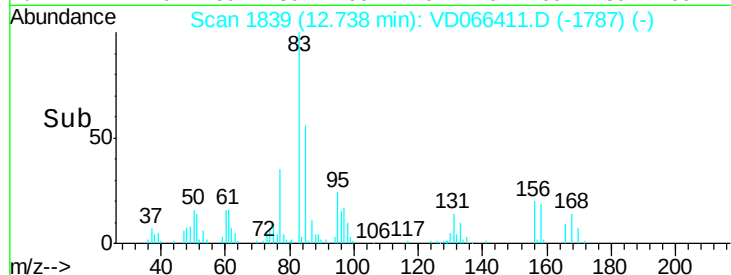
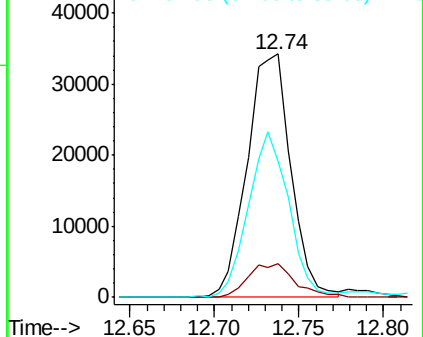
85 62.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 103.016 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066411.D

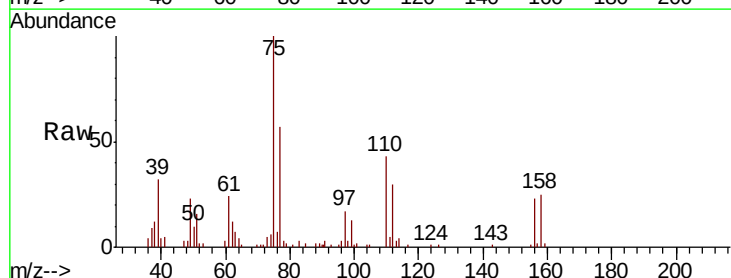
Acq: 26 Aug 2020 10:41

Tgt Ion: 75 Resp: 94064

Ion Ratio Lower Upper

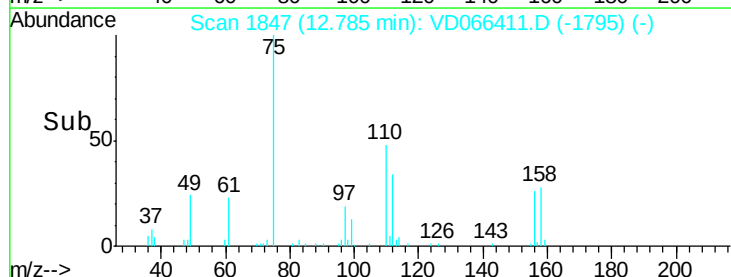
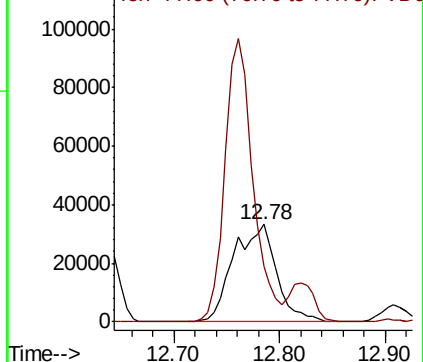
75 100

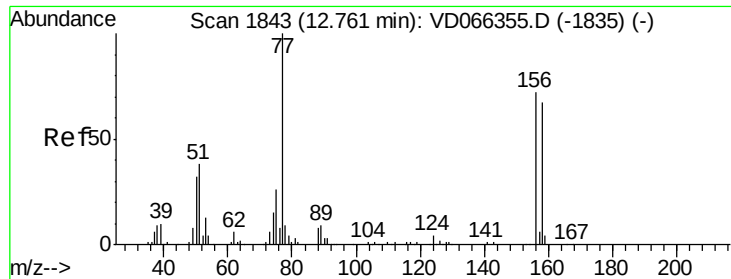
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 53.438 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

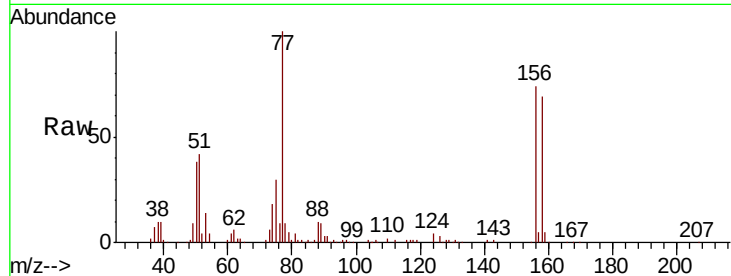
Tot Ion:156 Resp: 117930

Ion Ratio Lower Upper

156 100

77 151.4 76.1 228.3

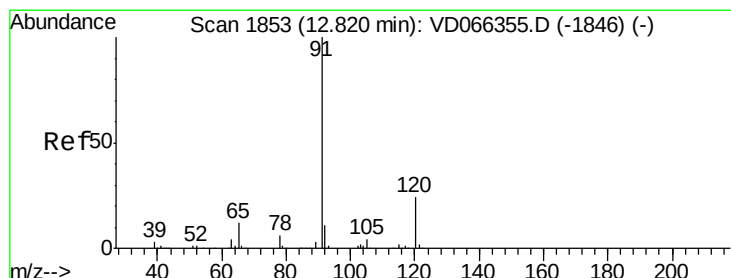
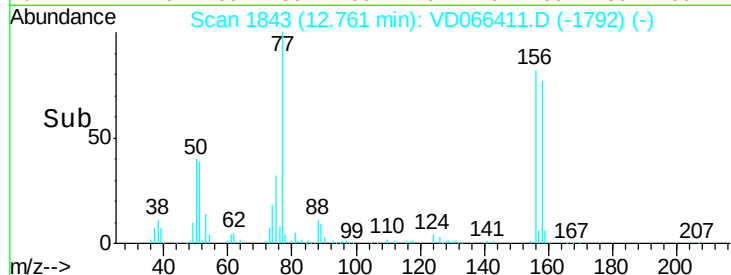
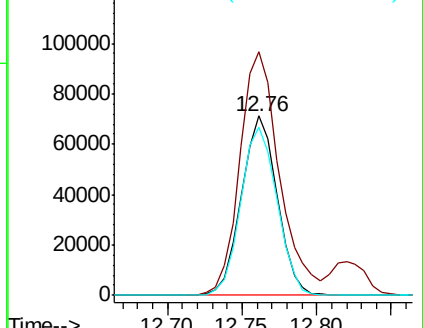
158 95.3 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.891 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066411.D

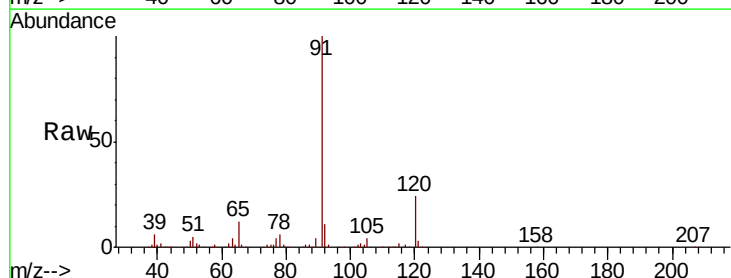
Acq: 26 Aug 2020 10:41

Tgt Ion: 91 Resp: 517317

Ion Ratio Lower Upper

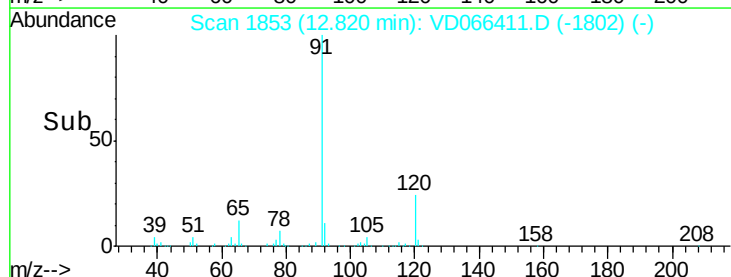
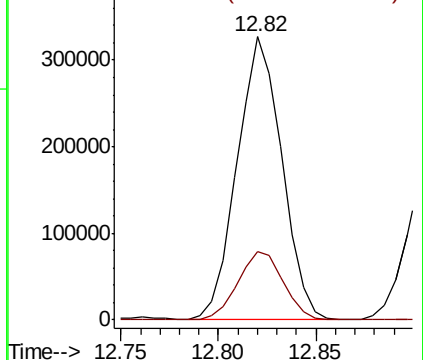
91 100

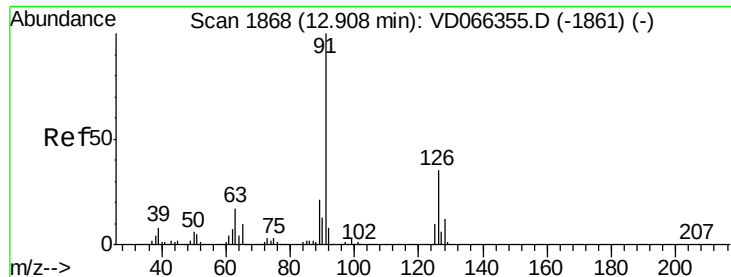
120 24.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

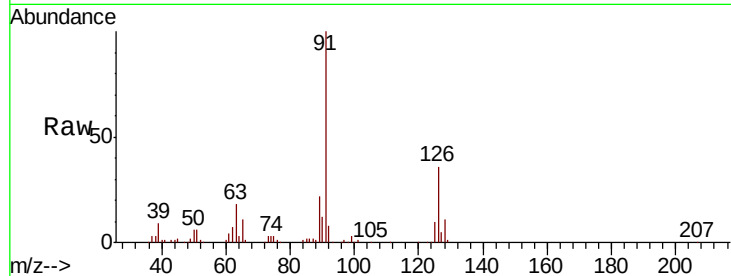




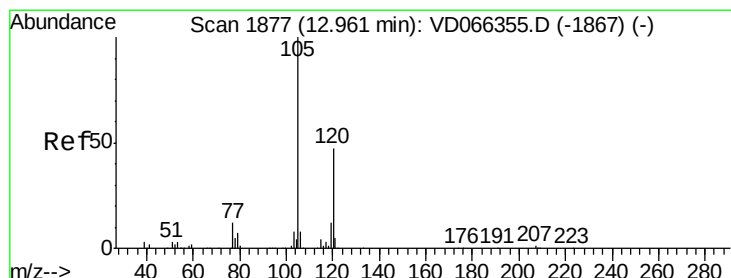
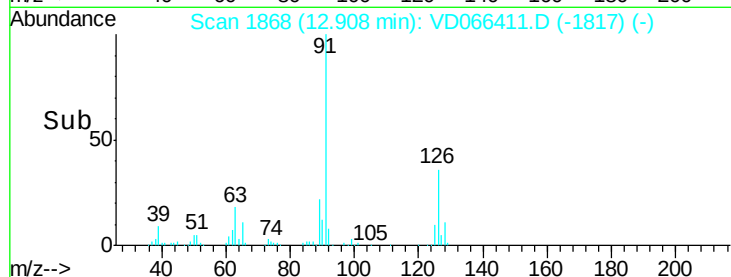
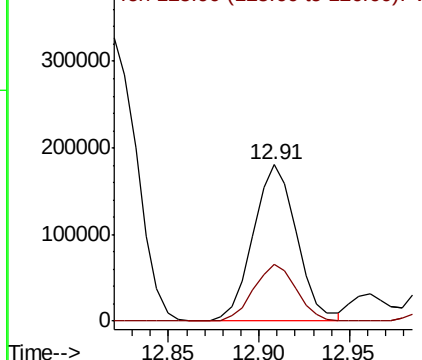
#79
 2-Chlorotoluene
 Concen: 52.802 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 300652
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.7 53.1

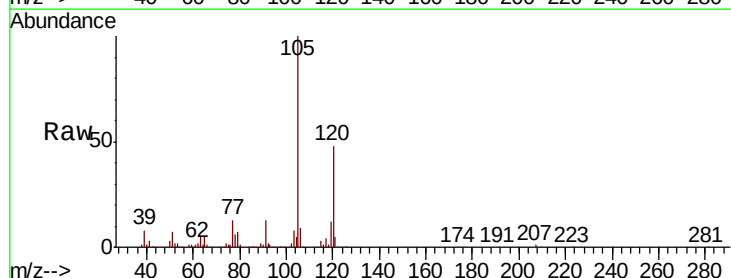


Abundance Ion 91.00 (90.70 to 91.70): VD066411.D (-1817) (-)
 Ion 125.90 (125.60 to 126.60): VD066411.D (-1817) (-)

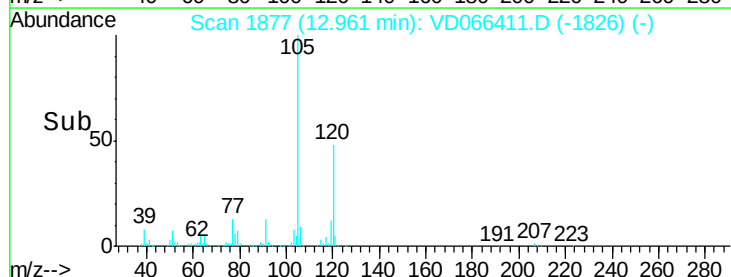
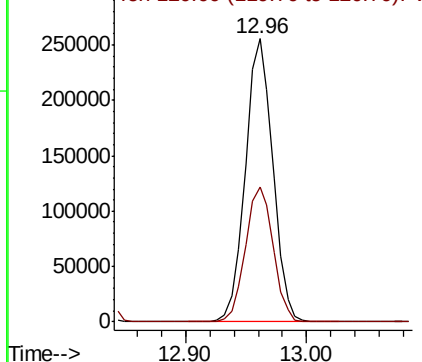


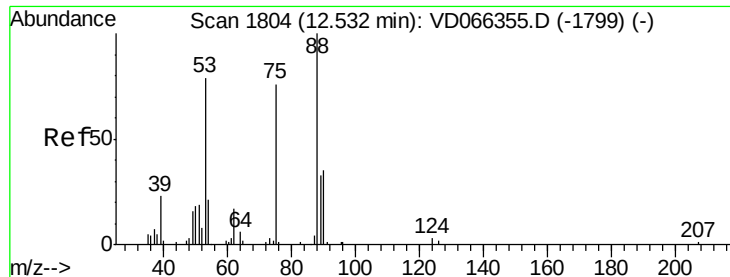
#80
 1,3,5-Trimethylbenzene
 Concen: 53.943 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion: 105 Resp: 404961
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066411.D (-1826) (-)
 Ion 120.00 (119.70 to 120.70): VD066411.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.162 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

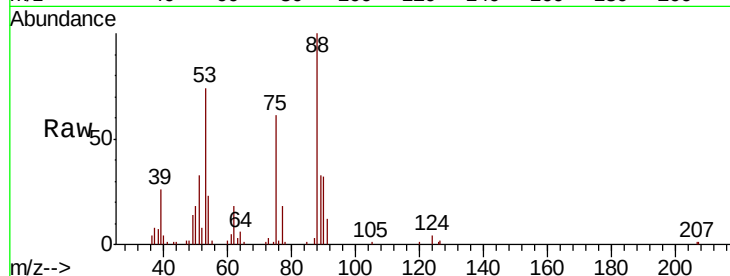
Tot Ion: 75 Resp: 21578

Ion Ratio Lower Upper

75 100

53 122.0 87.4 131.2

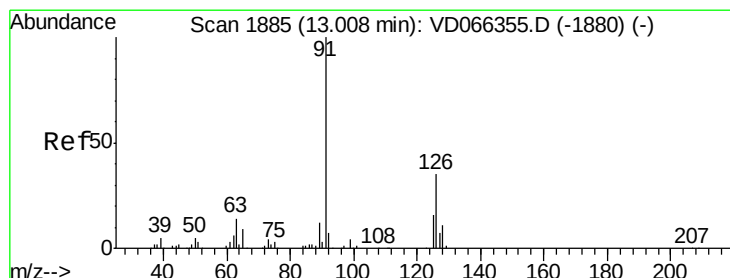
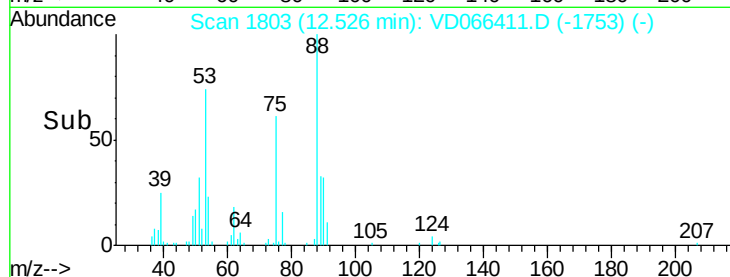
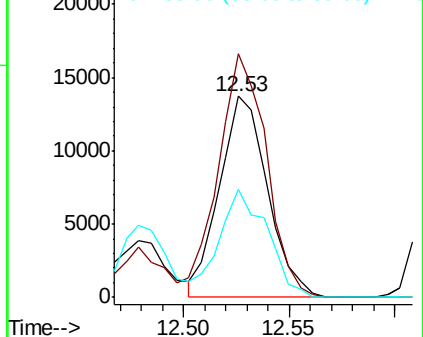
89 54.0 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 52.621 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066411.D

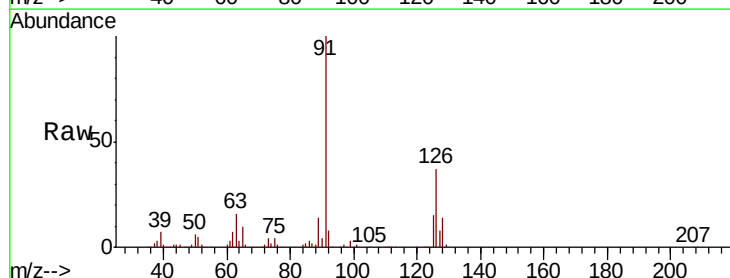
Acq: 26 Aug 2020 10:41

Tgt Ion: 91 Resp: 317438

Ion Ratio Lower Upper

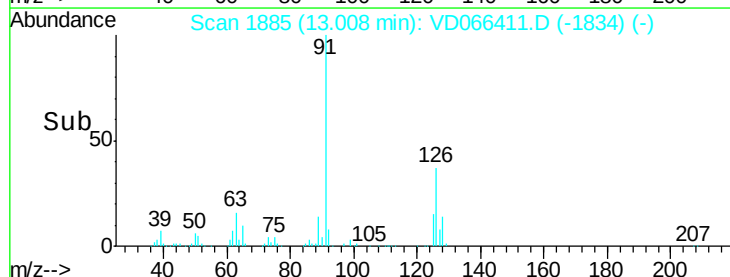
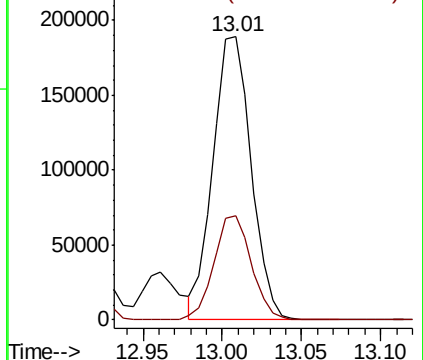
91 100

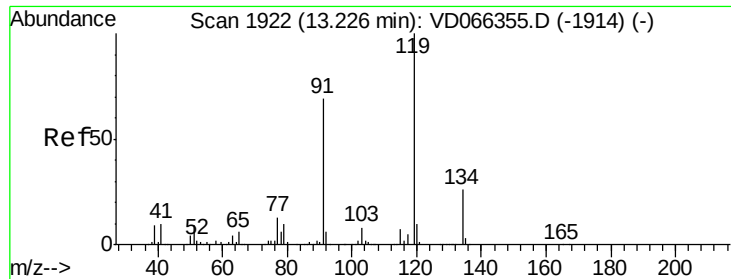
126 36.0 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

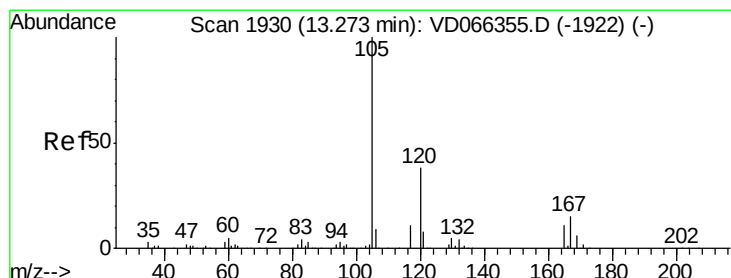
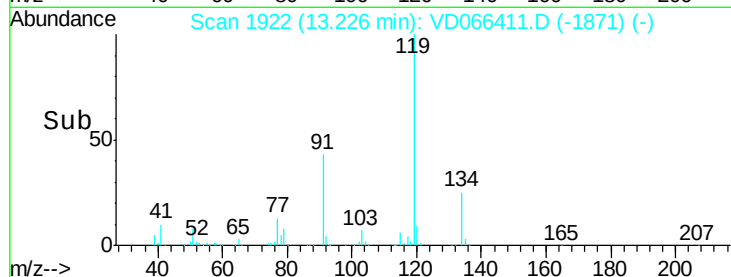
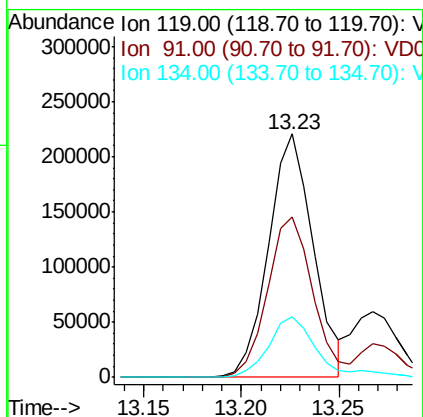
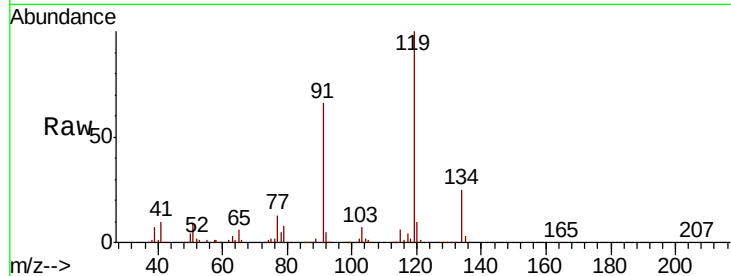




#83
 tert-Butylbenzene
 Concen: 53.635 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

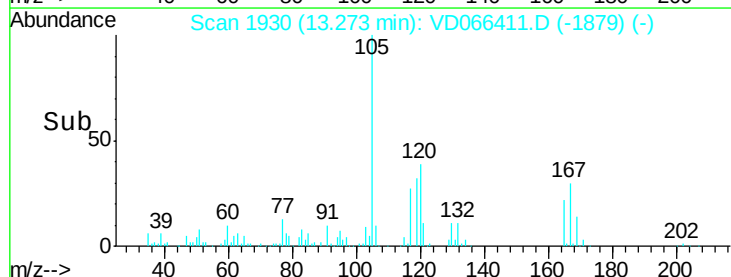
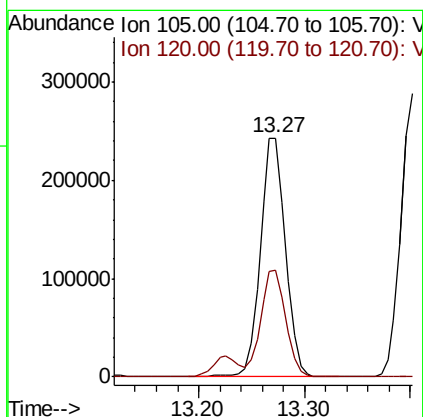
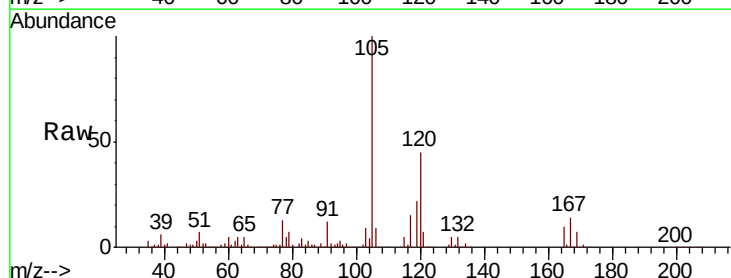
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

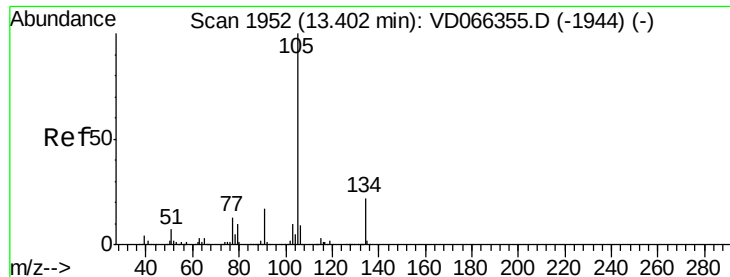
Tot Ion:119 Resp: 349734
 Ion Ratio Lower Upper
 119 100
 91 67.3 33.5 100.5
 134 27.2 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.523 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion:105 Resp: 402031
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 53.231 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

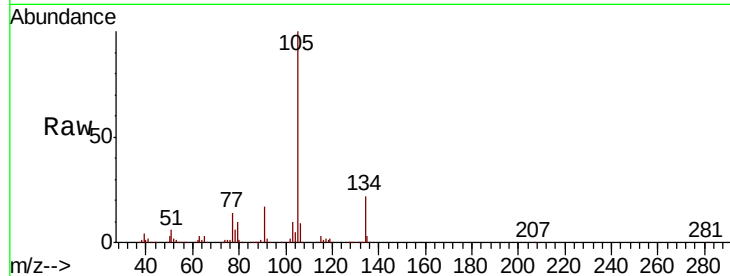
VSTDCCC050

Tot Ion:105 Resp: 454766

Ion Ratio Lower Upper

105 100

134 21.2 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

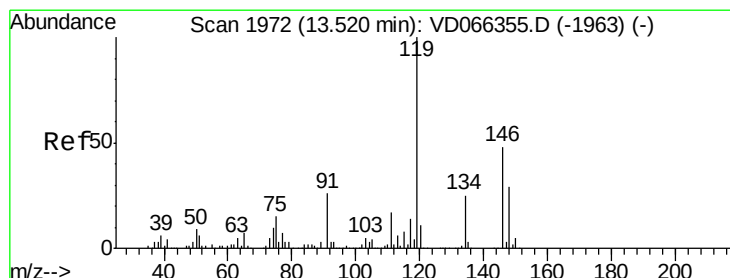
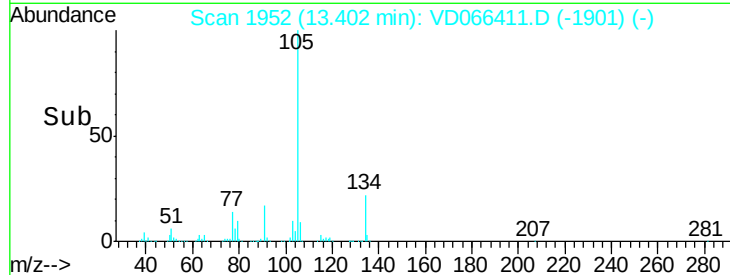
300000

200000

100000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 54.772 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

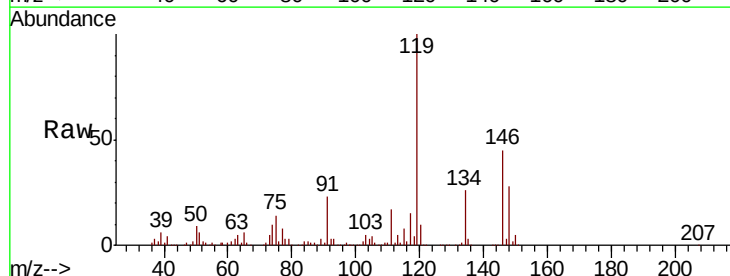
Tgt Ion:119 Resp: 451199

Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.3

91 25.4 12.7 38.0



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

400000

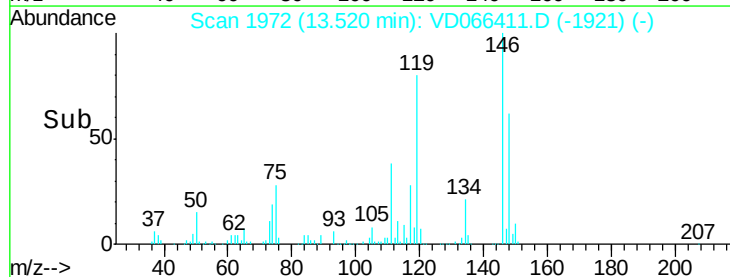
300000

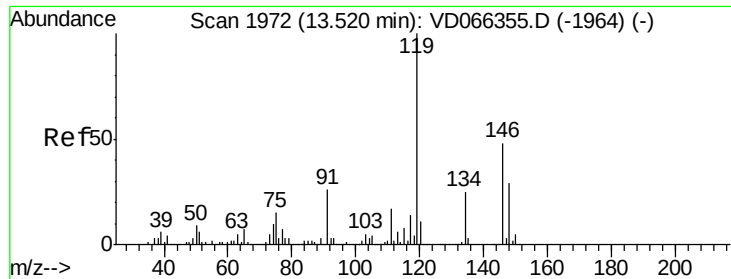
200000

100000

0

Time--> 13.40 13.50 13.60

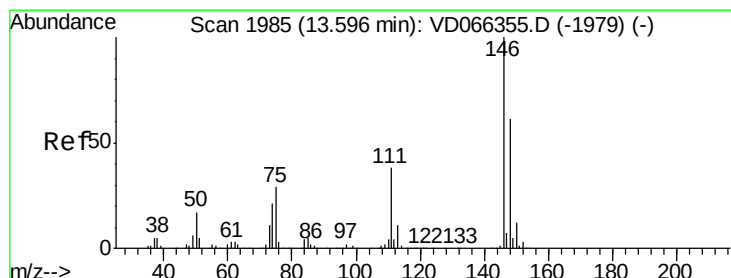
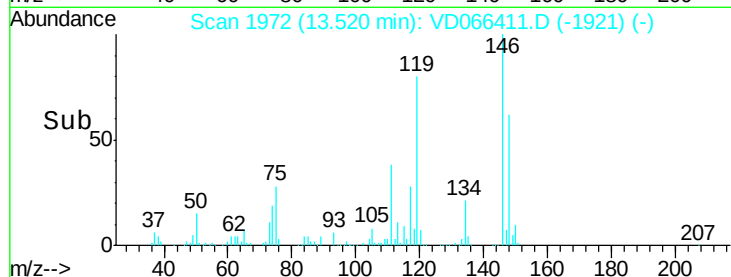
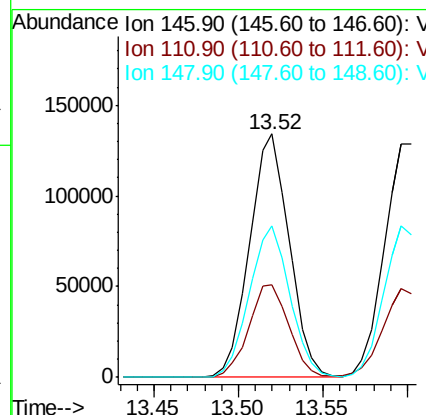
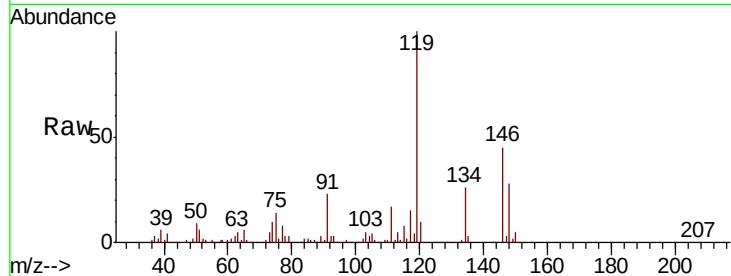




#87
 1,3-Dichlorobenzene
 Concen: 53.279 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

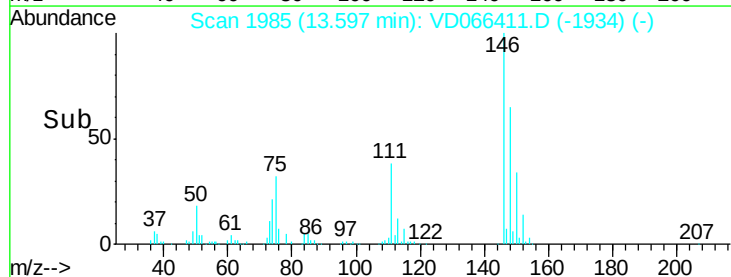
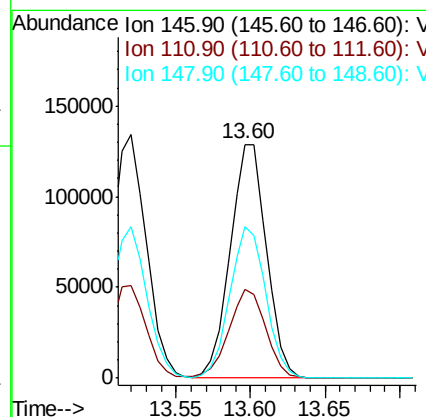
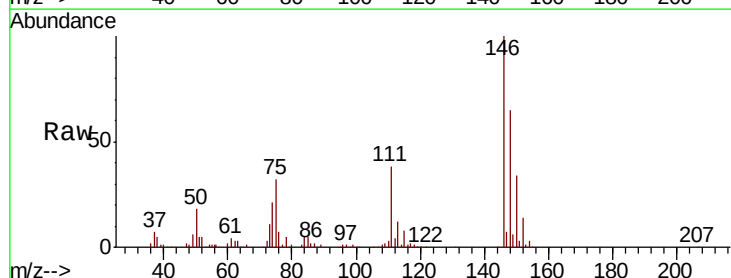
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

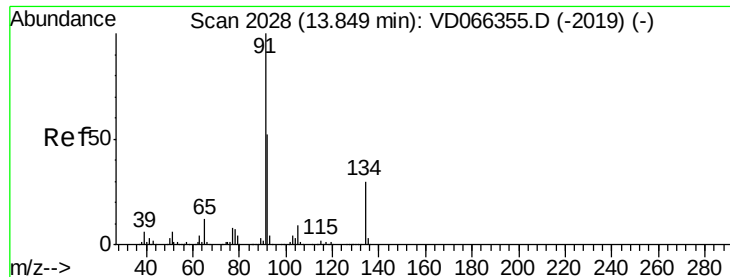
Tot Ion:146 Resp: 219481
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.9
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.840 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion:146 Resp: 218555
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.5
 148 64.3 32.1 96.3

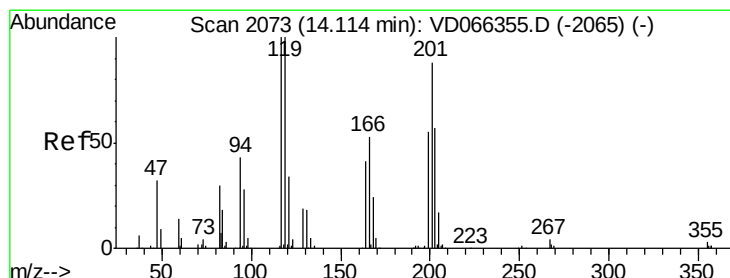
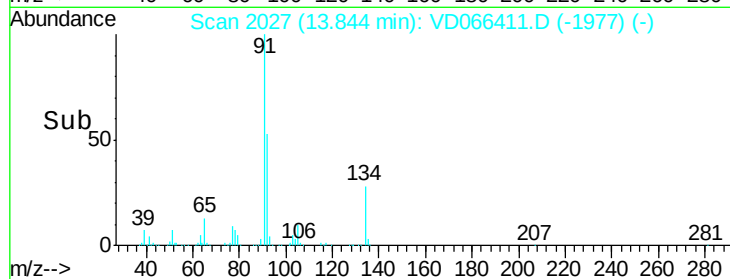
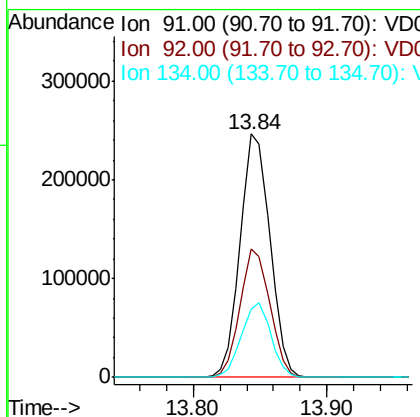
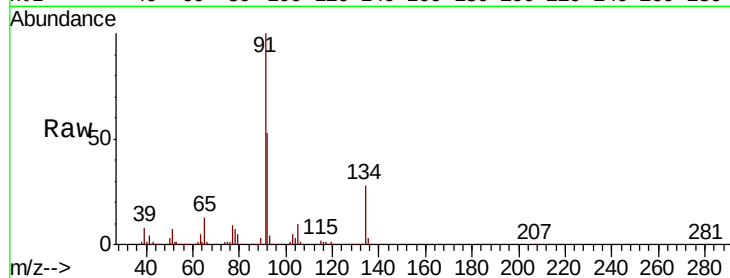




#89
n-Butylbenzene
Concen: 52.549 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

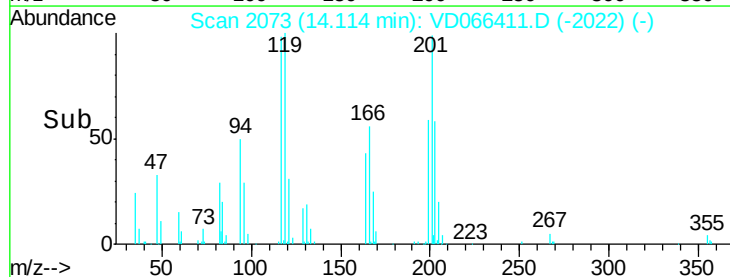
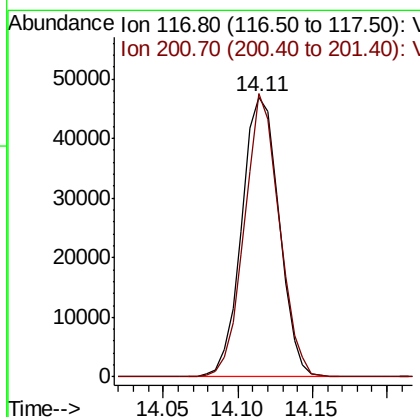
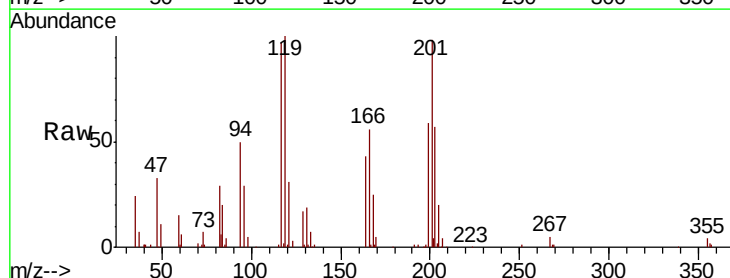
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

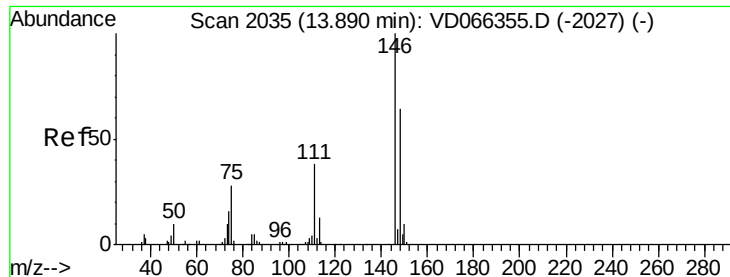
Tot Ion: 91 Resp: 382004
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 30.1 14.4 43.4



#90
Hexachloroethane
Concen: 49.896 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion: 117 Resp: 81196
Ion Ratio Lower Upper
117 100
201 94.3 45.4 136.2

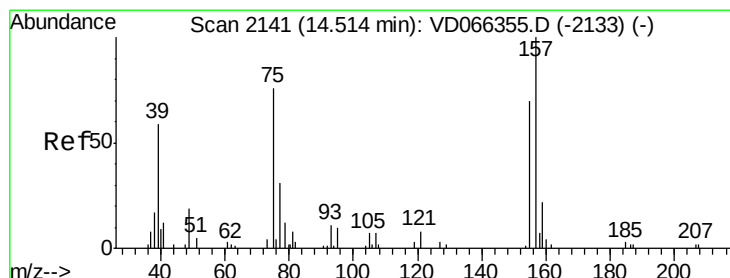
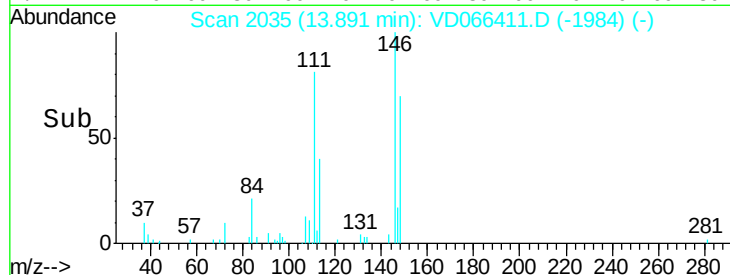
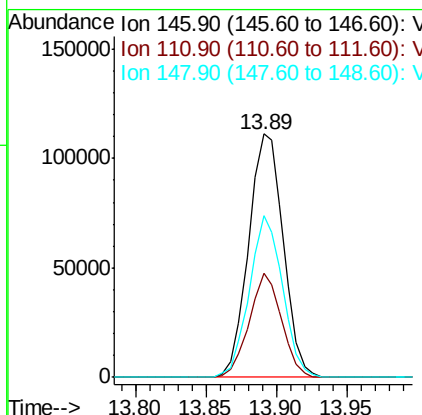
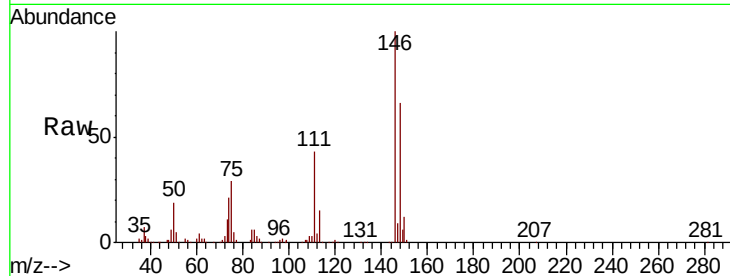




#91
 1,2-Dichlorobenzene
 Concen: 54.030 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

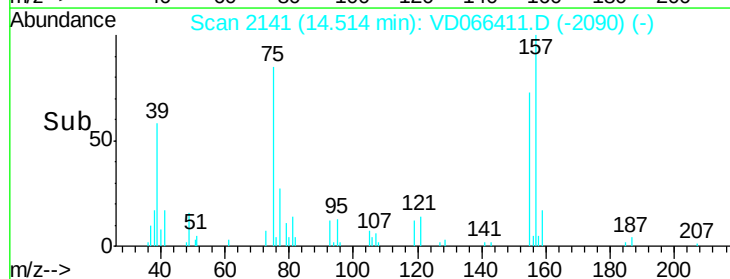
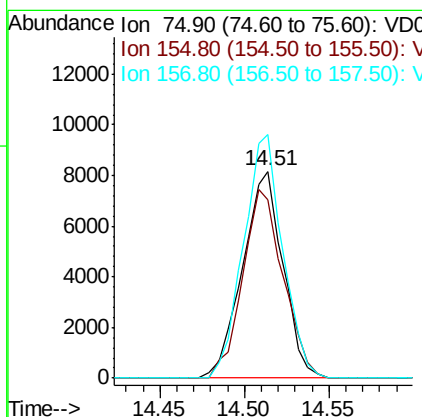
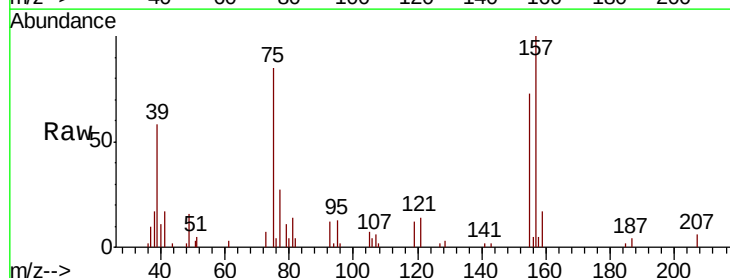
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

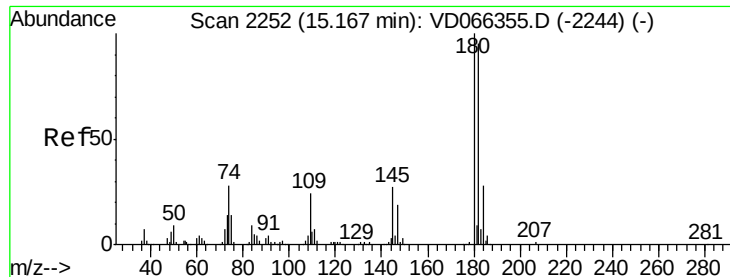
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	63.7	32.6	97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.987 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.7	46.9	140.6
157	114.6	61.0	183.0

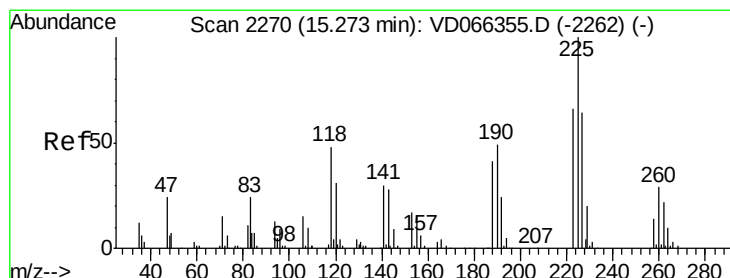
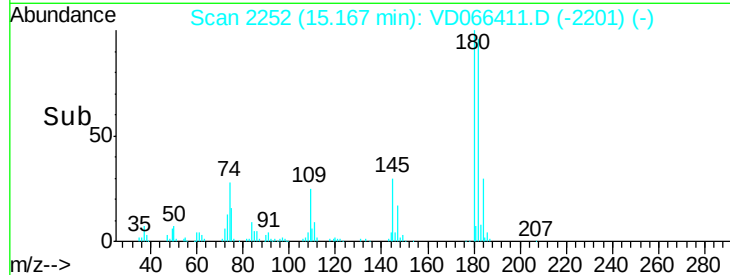
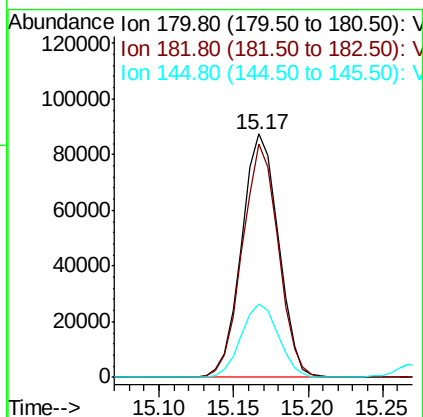
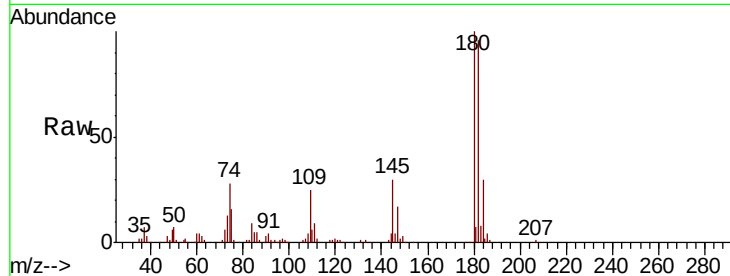




#93
 1,2,4-Trichlorobenzene
 Concen: 53.970 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

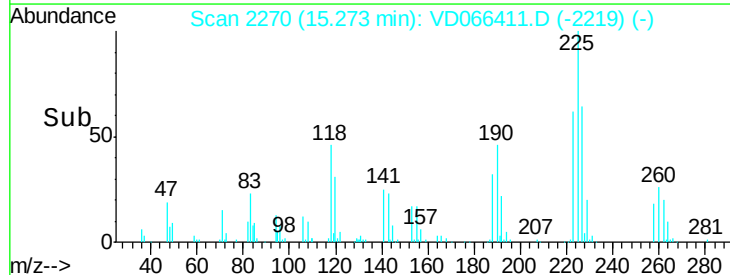
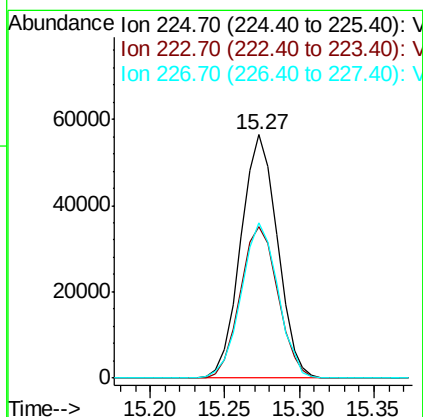
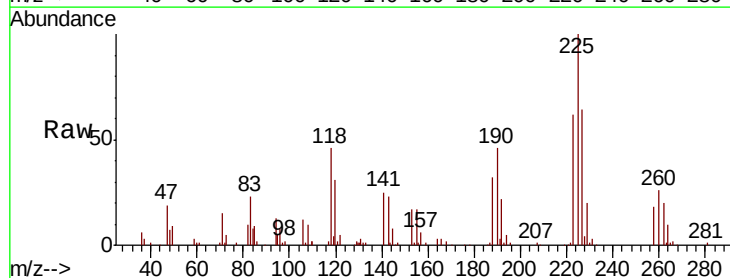
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

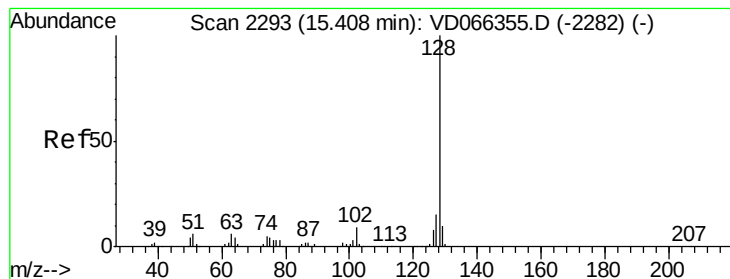
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.0	144.0
145	30.7	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 55.839 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.5	97.4
227	63.8	33.0	98.9





#95

Naphthalene

Concen: 54.755 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

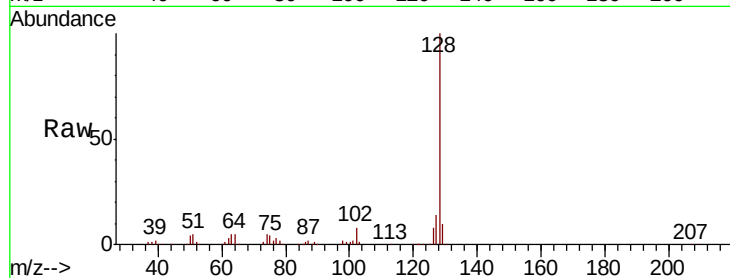
Tot Ion:128 Resp: 238096

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

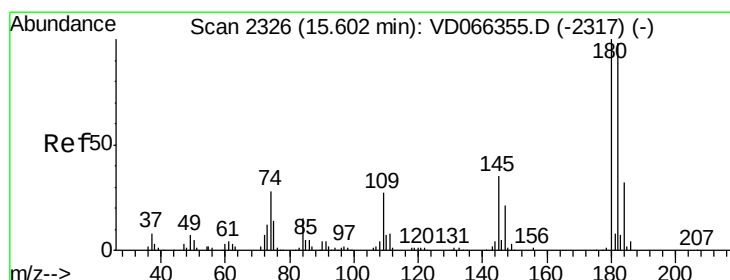
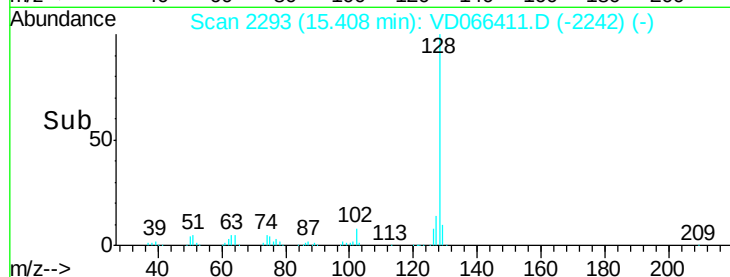
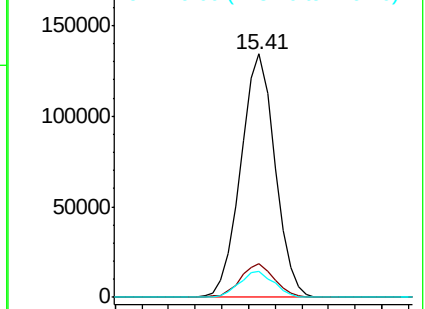
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.971 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

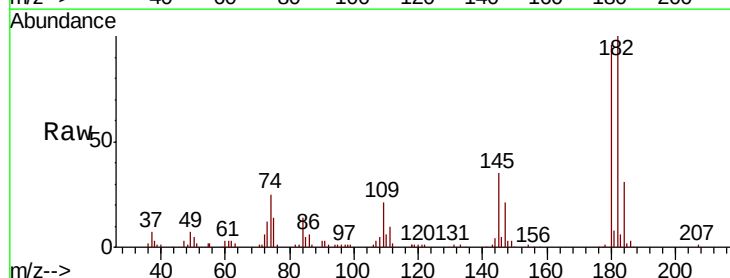
Tgt Ion:180 Resp: 128001

Ion Ratio Lower Upper

180 100

182 96.3 46.7 140.0

145 31.5 16.0 48.0



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

