

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092320\
 Data File : VD066838.D
 Acq On : 23 Sep 2020 17:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 23 18:41:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	394624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	619312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	570560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	276700	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	191300	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	7.91	113	196867	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.34	98	701840	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.63	95	240381	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	131399	47.457	ug/l	94
3) Chloromethane	2.20	50	157322	43.390	ug/l	99
4) Vinyl Chloride	2.35	62	165823	46.293	ug/l	97
5) Bromomethane	2.77	94	109898	43.650	ug/l	94
6) Chloroethane	2.92	64	102689	46.164	ug/l	93
7) Trichlorofluoromethane	3.27	101	342871	46.608	ug/l	100
8) Diethyl Ether	3.71	74	95287	51.021	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	202038	47.363	ug/l	98
10) Methyl Iodide	4.30	142	202619	53.827	ug/l	98
11) Tert butyl alcohol	5.23	59	54278	228.509	ug/l	98
12) 1,1-Dichloroethene	4.07	96	181290	46.915	ug/l	90
13) Acrolein	3.92	56	59095	207.402	ug/l	95
14) Allyl chloride	4.71	41	279156	49.197	ug/l	99
15) Acrylonitrile	5.43	53	207651	250.892	ug/l	100
16) Acetone	4.16	43	182080	222.224	ug/l	99
17) Carbon Disulfide	4.41	76	555594	47.028	ug/l	98
18) Methyl Acetate	4.71	43	93785	51.402	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	429554	51.187	ug/l	99
20) Methylene Chloride	4.96	84	238001	54.325	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	219025	48.951	ug/l	89
22) Diisopropyl ether	6.36	45	591349	50.686	ug/l	99
23) Vinyl Acetate	6.30	43	1534982	242.410	ug/l	99
24) 1,1-Dichloroethane	6.26	63	379097	48.571	ug/l #	97
25) 2-Butanone	7.21	43	239439	243.174	ug/l	96
26) 2,2-Dichloropropane	7.20	77	327191	45.737	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	245669	50.534	ug/l	99
28) Bromochloromethane	7.54	49	171066	53.053	ug/l	98
29) Tetrahydrofuran	7.56	42	160445	254.307	ug/l	99
30) Chloroform	7.71	83	410020	48.735	ug/l	95
31) Cyclohexane	7.98	56	319909	45.552	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	365630	48.041	ug/l	99
36) 1,1-Dichloropropene	8.11	75	303687	49.428	ug/l	99
37) Ethyl Acetate	7.28	43	115781	52.127	ug/l	98
38) Carbon Tetrachloride	8.09	117	323088	48.099	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	359244	50.925	ug/l	97
40) Benzene	8.35	78	855481	49.960	ug/l	96
41) Methacrylonitrile	7.56	41	157357	115.202	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	249942	49.375	ug/l	99
43) Isopropyl Acetate	8.45	43	214085	49.994	ug/l	100
44) Trichloroethene	9.11	130	241244	49.428	ug/l	97
45) 1,2-Dichloropropane	9.38	63	216446	50.240	ug/l	98
46) Dibromomethane	9.47	93	119139	50.897	ug/l	99
47) Bromodichloromethane	9.66	83	314902	50.079	ug/l	97
48) Methyl methacrylate	9.45	41	105939	50.176	ug/l	98
49) 1,4-Dioxane	9.46	88	29272	1114.599	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	564959	260.370	ug/l	100
52) Toluene	10.40	92	562894	51.034	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	278003	51.943	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	324749	49.763	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	161935	50.323	ug/l	93
56) Ethyl methacrylate	10.66	69	184527	53.528	ug/l	97
57) 1,3-Dichloropropane	10.94	76	274977	51.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	397532	243.545	ug/l	99
59) 2-Hexanone	10.98	43	386095	263.856	ug/l	99
60) Dibromochloromethane	11.14	129	212774	50.663	ug/l	99
61) 1,2-Dibromoethane	11.24	107	152093	50.815	ug/l	97
64) Tetrachloroethene	10.87	164	211158	51.450	ug/l	98
65) Chlorobenzene	11.67	112	594092	50.022	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	224269	49.893	ug/l	98
67) Ethyl Benzene	11.74	91	1083139	51.927	ug/l	98
68) m/p-Xylenes	11.85	106	830751	105.192	ug/l	100
69) o-Xylene	12.18	106	372009	52.094	ug/l	100
70) Styrene	12.19	104	656554	52.942	ug/l	99
71) Bromoform	12.36	173	113141	49.713	ug/l #	99
73) Isopropylbenzene	12.48	105	1031003	51.579	ug/l	98
74) N-amyl acetate	12.29	43	195526	50.090	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	169577	49.165	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	227321	99.134	ug/l #	100
77) Bromobenzene	12.76	156	236709	50.634	ug/l	98
78) n-propylbenzene	12.82	91	1235187	51.365	ug/l	100
79) 2-Chlorotoluene	12.91	91	687913	50.200	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	866877	51.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	37680	41.112	ug/l	98
82) 4-Chlorotoluene	13.01	91	740686	51.275	ug/l	99
83) tert-Butylbenzene	13.23	119	724684	51.997	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	874761	52.012	ug/l	99
85) sec-Butylbenzene	13.40	105	1029545	51.371	ug/l	98
86) p-Isopropyltoluene	13.52	119	935328	51.775	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	455275	49.293	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	445166	48.529	ug/l	98
89) n-Butylbenzene	13.84	91	880521	51.280	ug/l	100
90) Hexachloroethane	14.11	117	180073	49.098	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	393772	49.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27312	49.224	ug/l	96

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QLast Update : Wed Sep 23 01:34:05 2020
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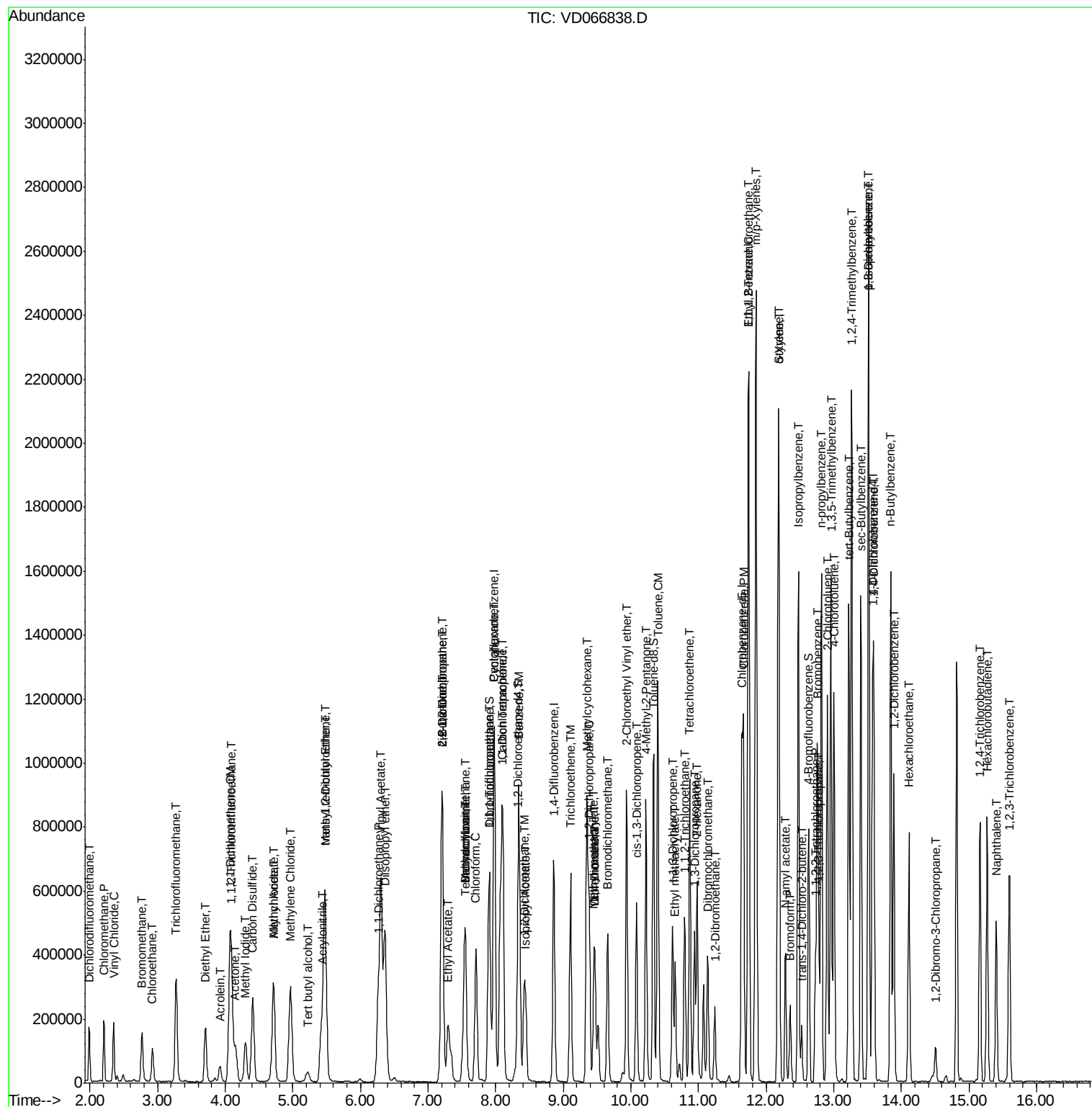
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	254225	51.108	ug/l	99
94) Hexachlorobutadiene	15.27	225	152390	51.124	ug/l	99
95) Naphthalene	15.41	128	443802	52.551	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	221885	51.681	ug/l	99

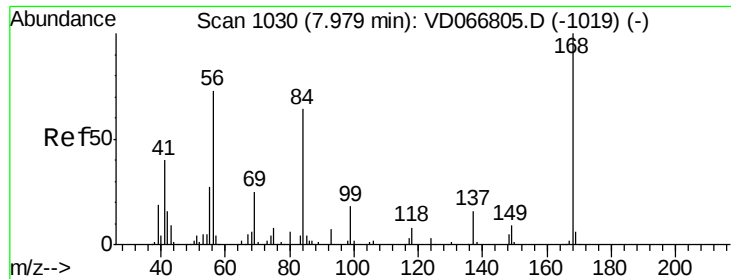
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

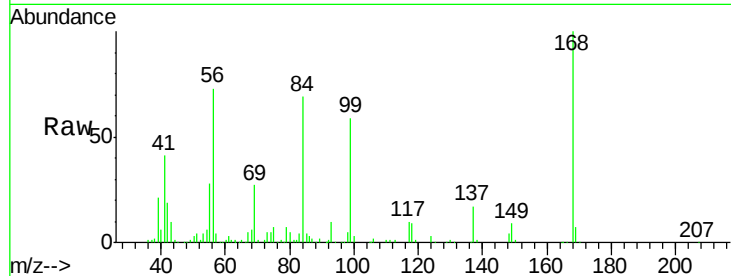
VSTDCCC050EC

Tgt Ion:168 Resp: 394624

Ion Ratio Lower Upper

168 100

99 58.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

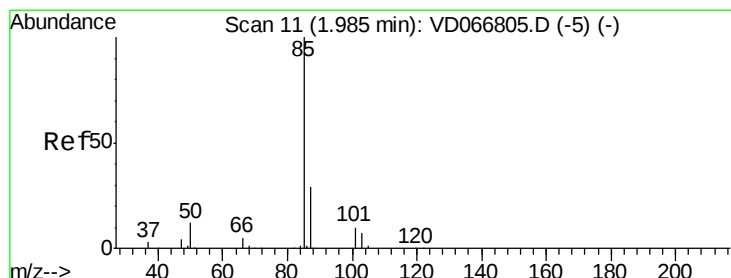
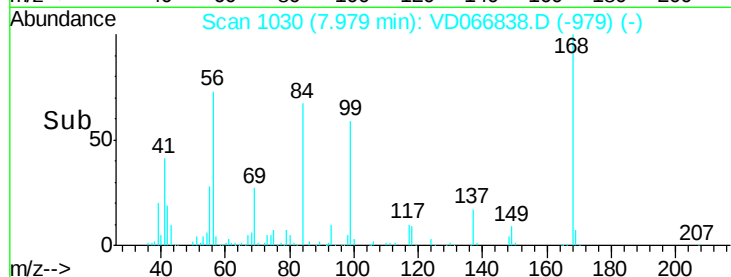
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.457 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066838.D

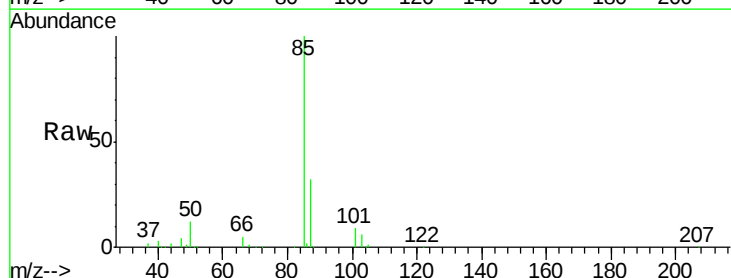
Acq: 23 Sep 2020 17:00

Tgt Ion: 85 Resp: 131399

Ion Ratio Lower Upper

85 100

87 32.0 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

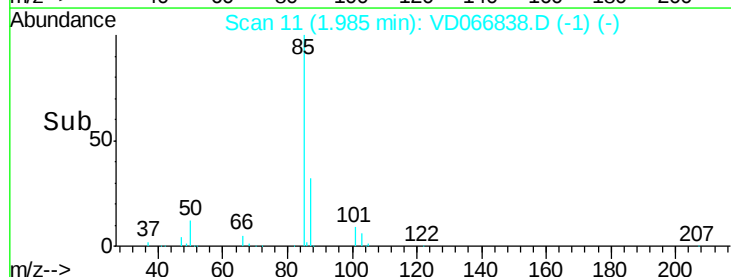
40000

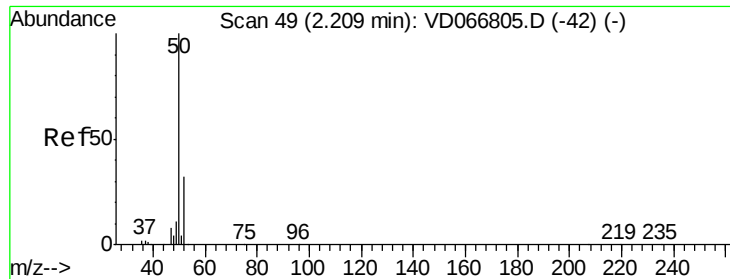
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 43.390 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

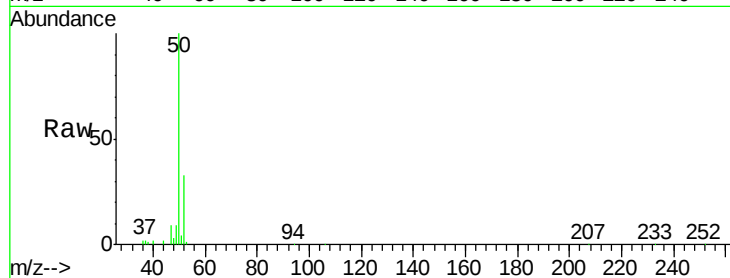
VSTDCCC050EC

Tgt Ion: 50 Resp: 157322

Ion Ratio Lower Upper

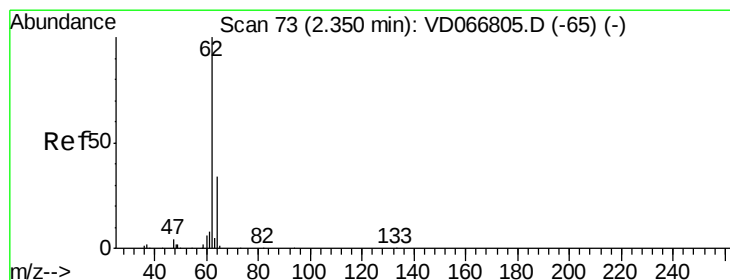
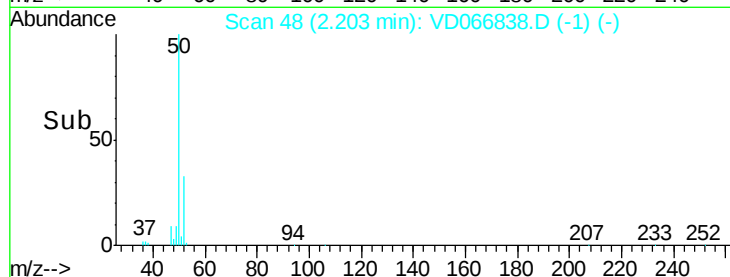
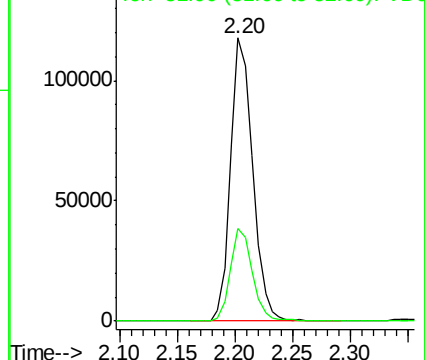
50 100

52 32.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.293 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066838.D

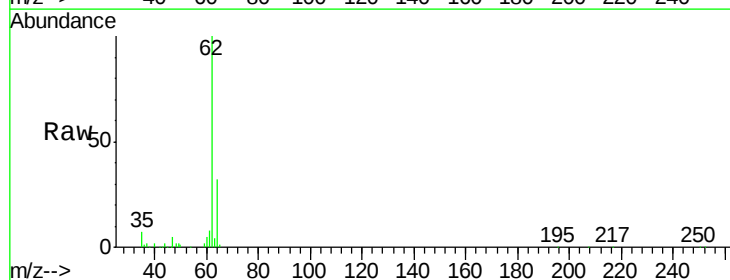
Acq: 23 Sep 2020 17:00

Tgt Ion: 62 Resp: 165823

Ion Ratio Lower Upper

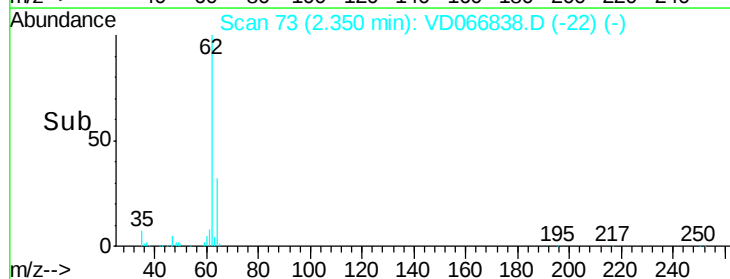
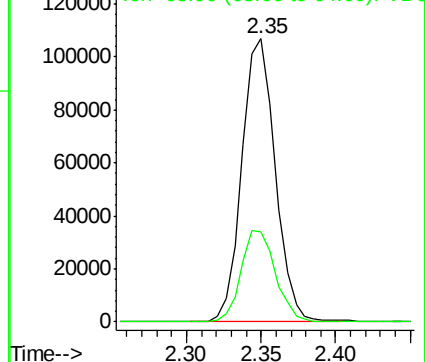
62 100

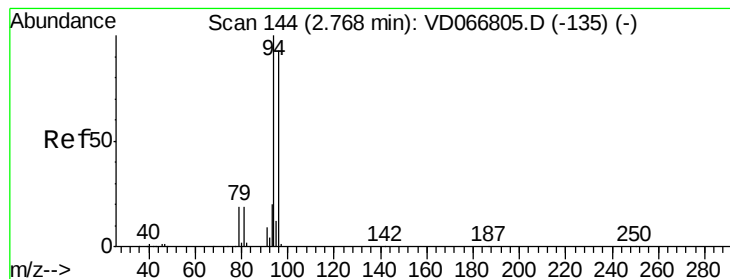
64 31.9 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 43.650 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

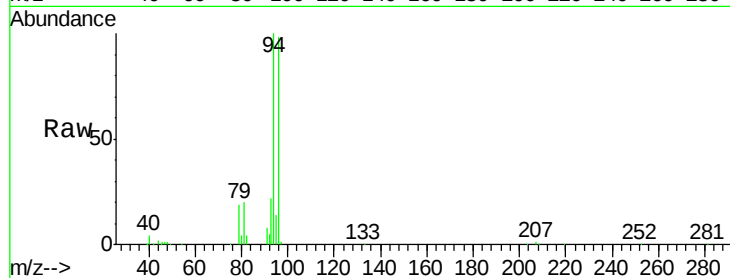
VSTDCCC050EC

Tgt Ion: 94 Resp: 109898

Ion Ratio Lower Upper

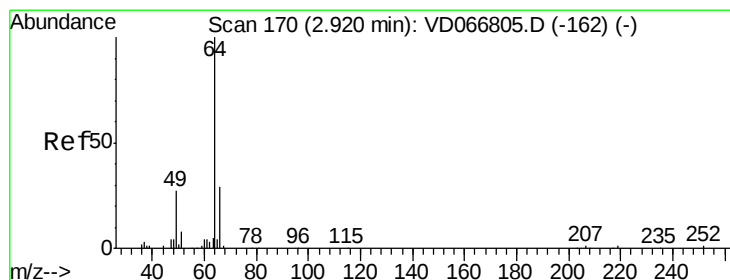
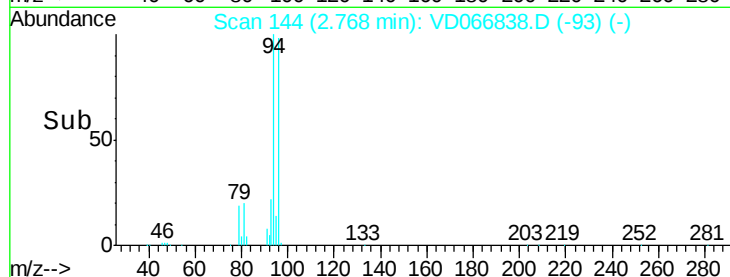
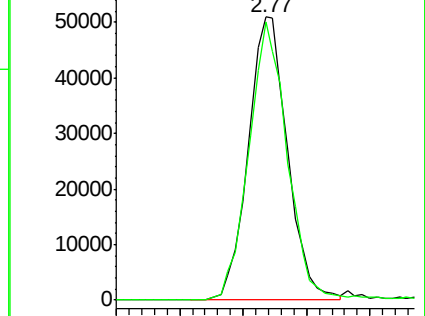
94 100

96 98.3 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.164 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066838.D

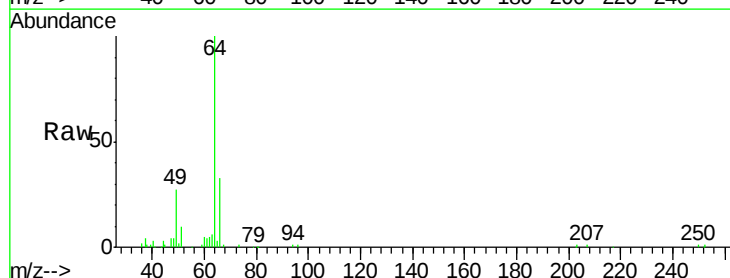
Acq: 23 Sep 2020 17:00

Tgt Ion: 64 Resp: 102689

Ion Ratio Lower Upper

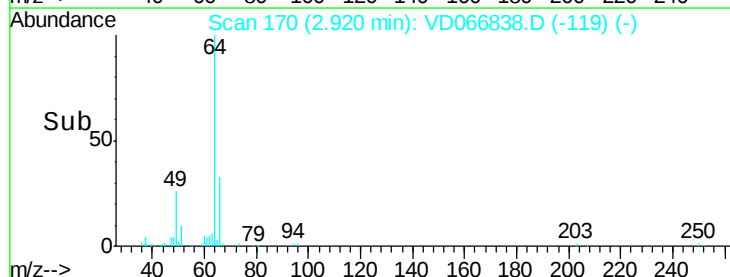
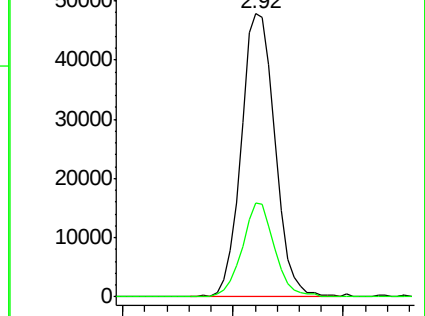
64 100

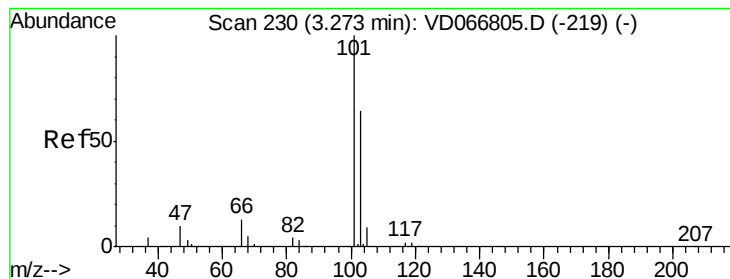
66 33.0 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



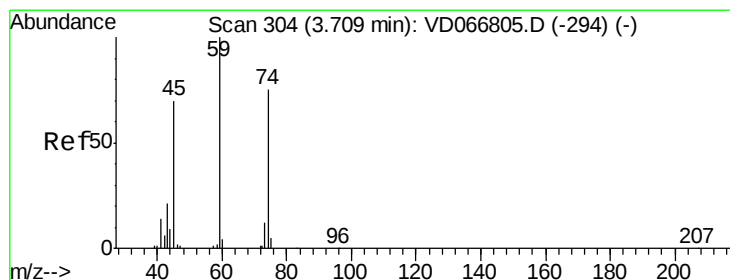
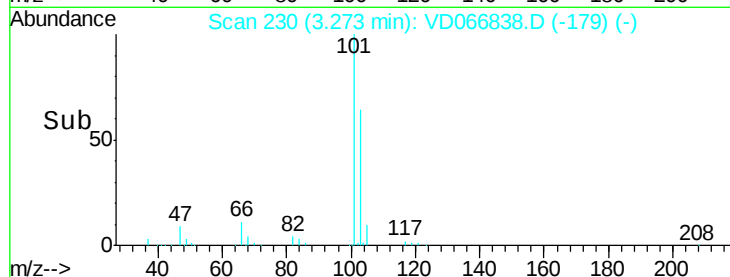
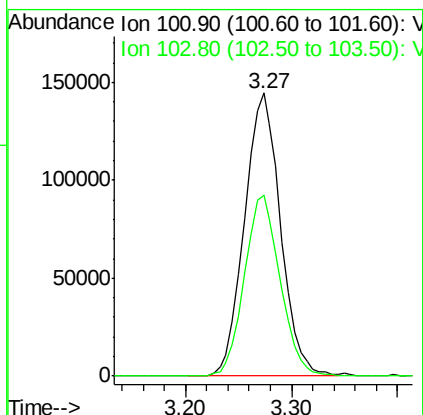
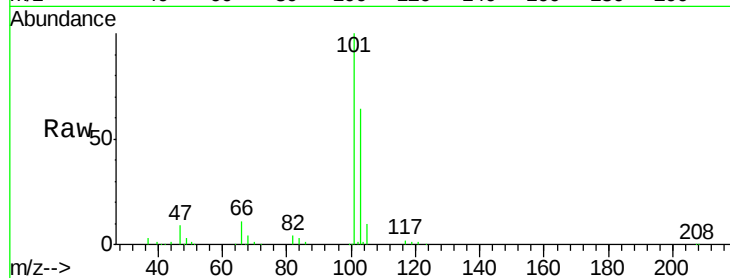


#7

Trichlorofluoromethane
 Concen: 46.608 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
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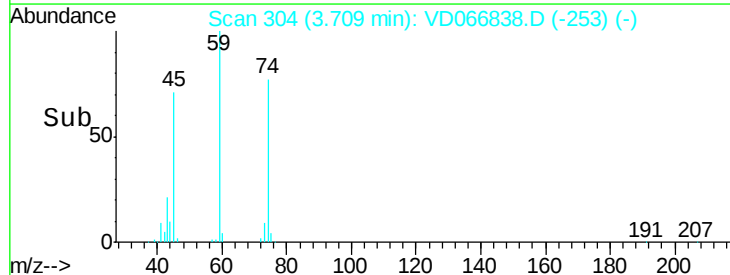
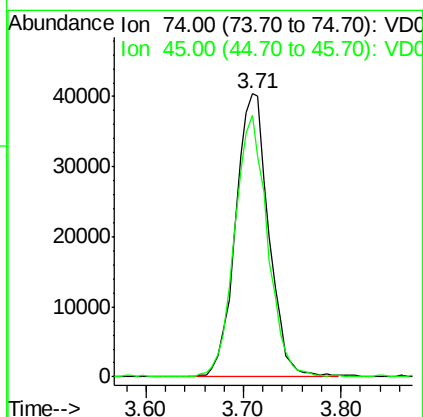
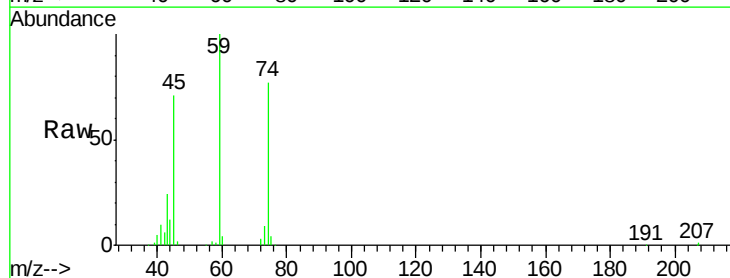
Tgt Ion:101 Resp: 342871
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.0 76.6

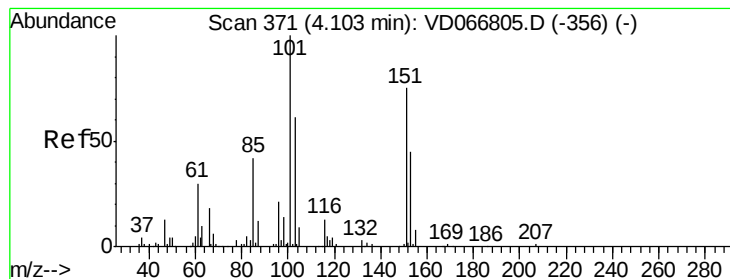


#8

Diethyl Ether
 Concen: 51.021 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion: 74 Resp: 95287
 Ion Ratio Lower Upper
 74 100
 45 91.5 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.363 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

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VSTDCCC050EC

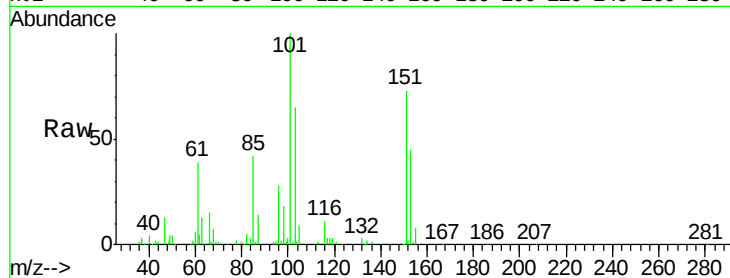
Tgt Ion:101 Resp: 202038

Ion Ratio Lower Upper

101 100

85 43.6 35.4 53.2

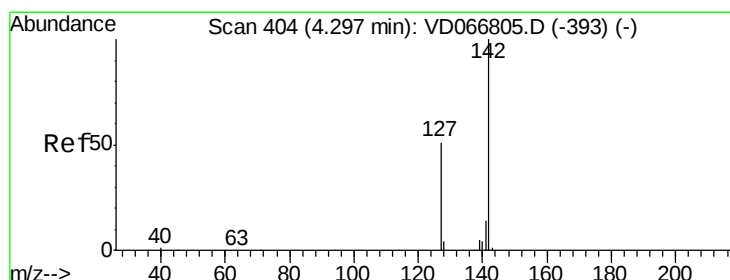
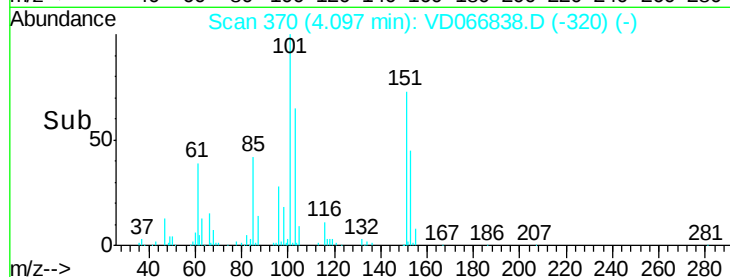
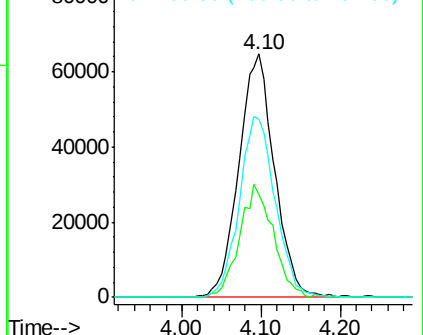
151 75.0 61.4 92.0



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: 53.827 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

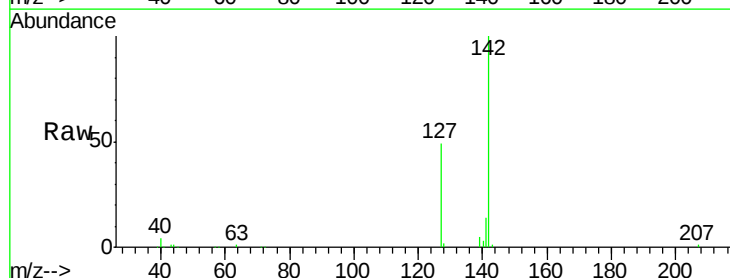
Tgt Ion:142 Resp: 202619

Ion Ratio Lower Upper

142 100

127 48.0 39.4 59.0

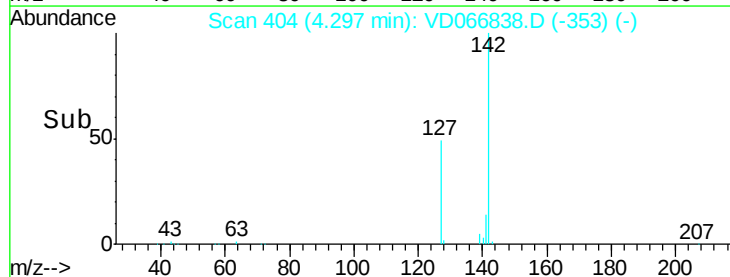
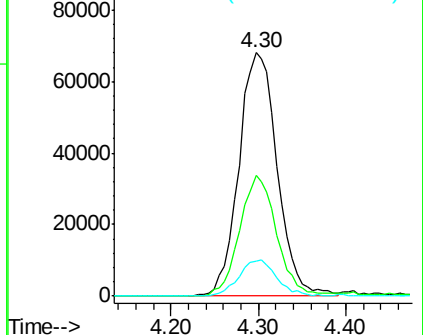
141 14.7 12.1 18.1

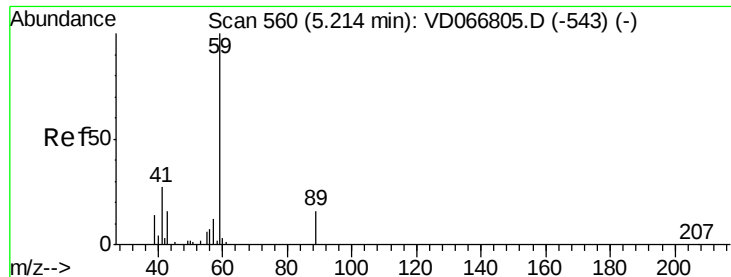


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 228.509 ug/l

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

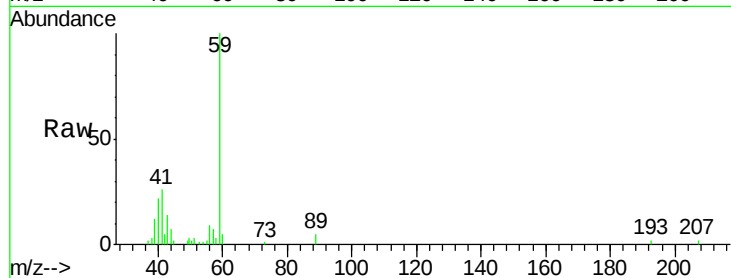
VSTDCCC050EC

Tgt Ion: 59 Resp: 54278

Ion Ratio Lower Upper

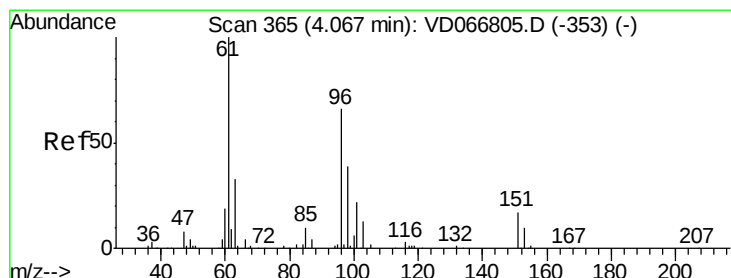
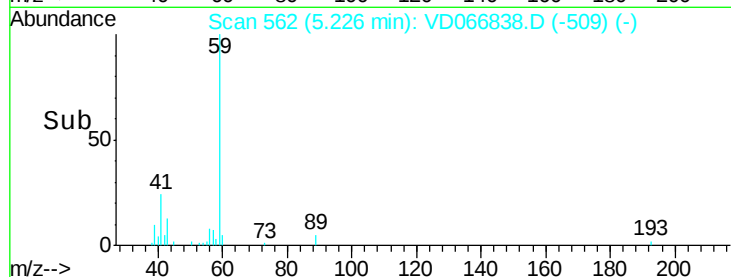
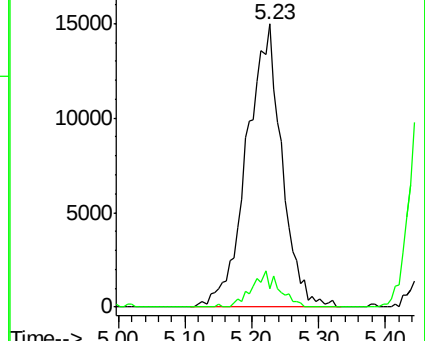
59 100

57 9.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 46.915 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

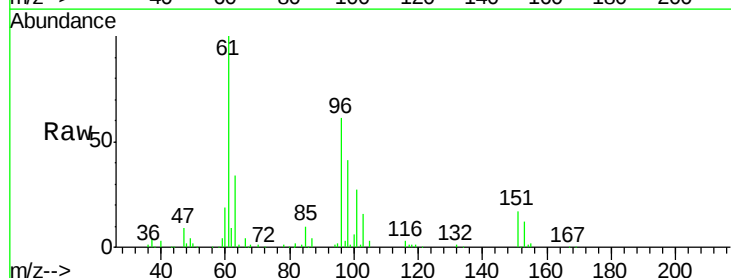
Tgt Ion: 96 Resp: 181290

Ion Ratio Lower Upper

96 100

61 163.4 120.8 181.2

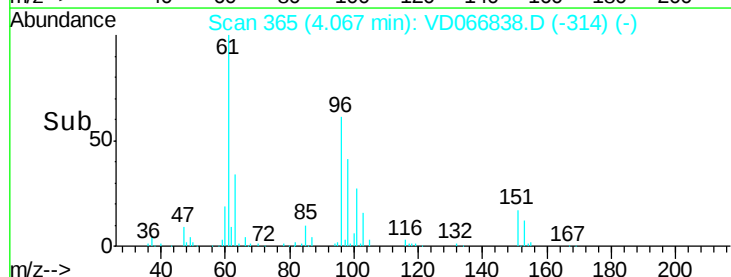
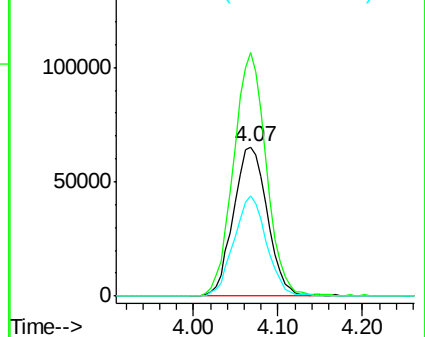
98 67.3 47.7 71.5

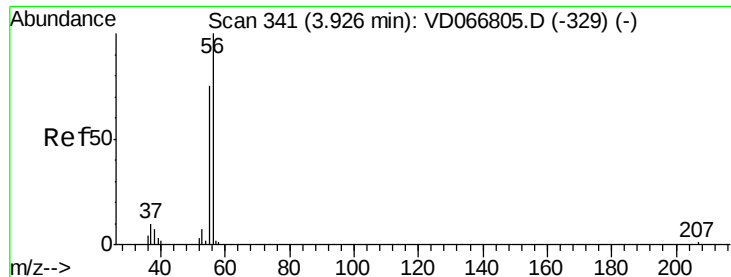


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 207.402 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

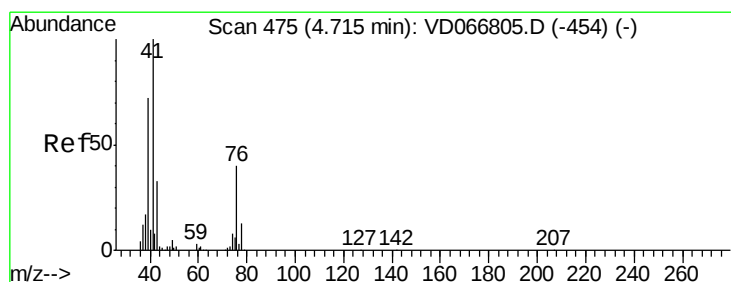
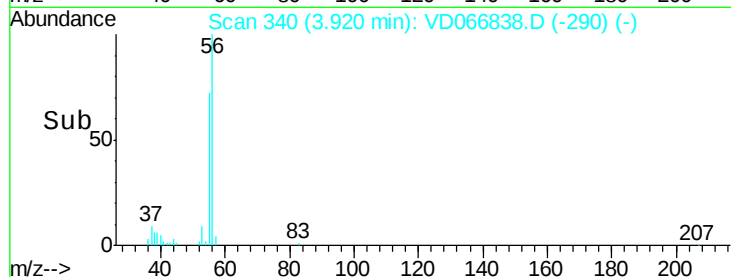
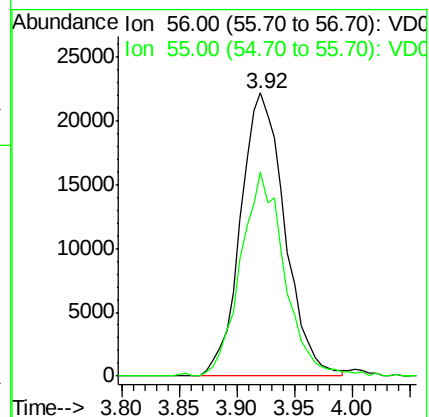
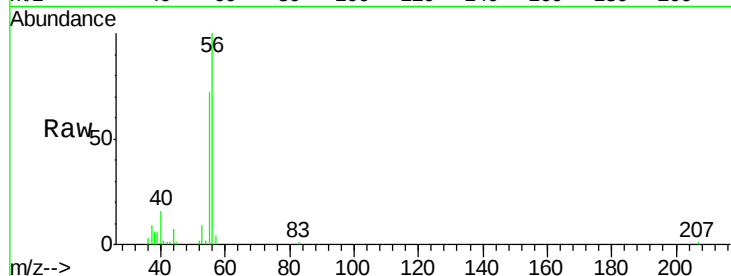
VSTDCCC050EC

Tgt Ion: 56 Resp: 59095

Ion Ratio Lower Upper

56 100

55 71.4 60.3 90.5



#14

Allyl chloride

Concen: 49.197 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

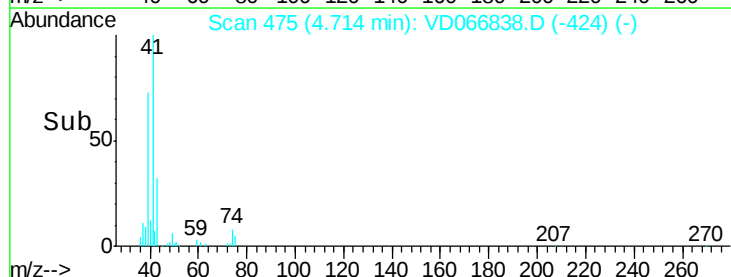
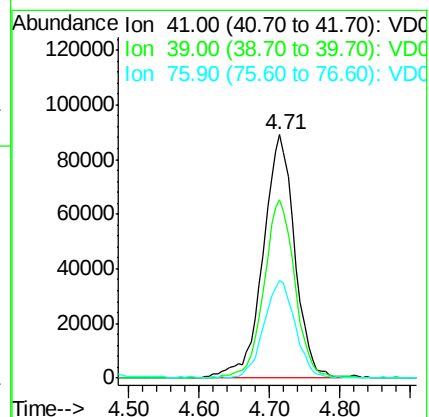
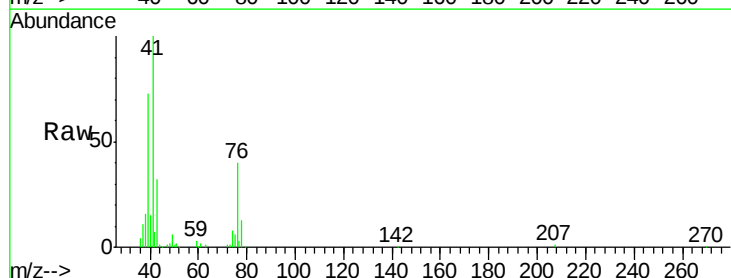
Tgt Ion: 41 Resp: 279156

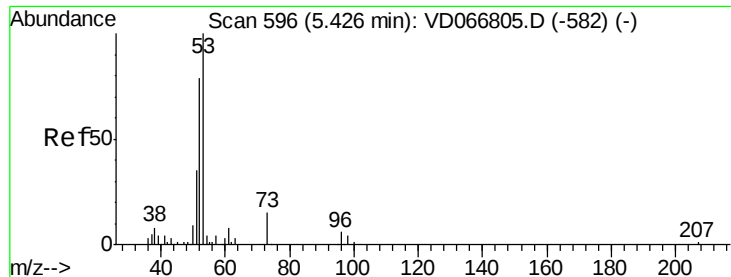
Ion Ratio Lower Upper

41 100

39 71.3 57.8 86.8

76 38.7 30.9 46.3





#15

Acrylonitrile

Concen: 250.892 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

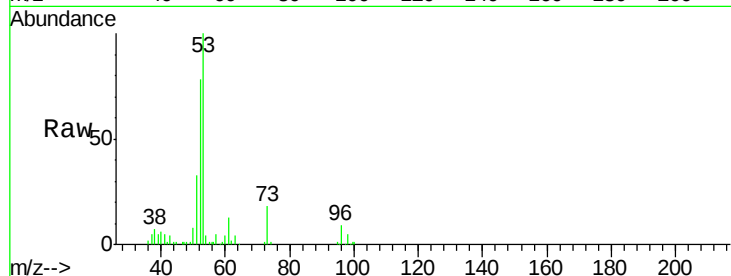
Tgt Ion: 53 Resp: 207651

Ion Ratio Lower Upper

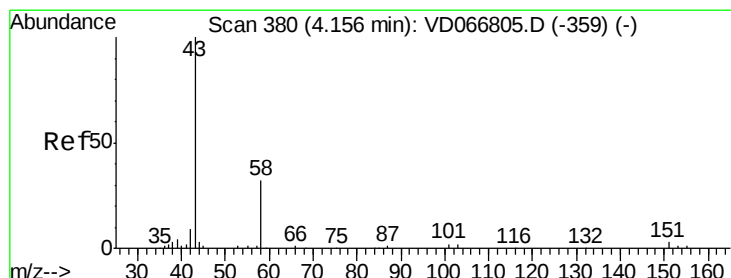
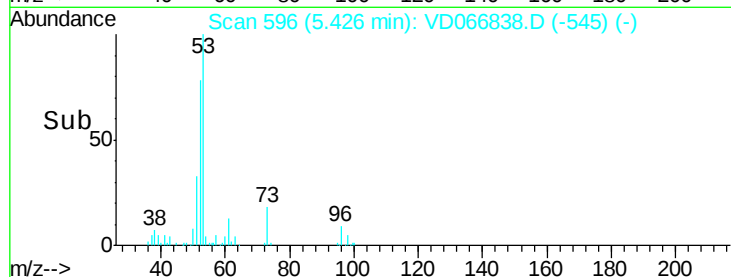
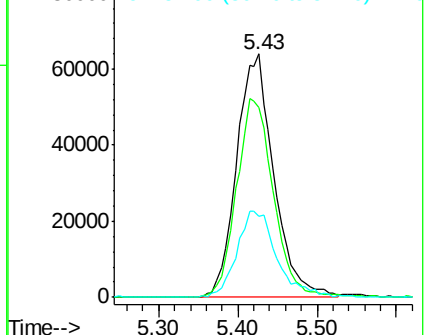
53 100

52 81.4 65.2 97.8

51 38.0 30.6 46.0



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



#16

Acetone

Concen: 222.224 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066838.D

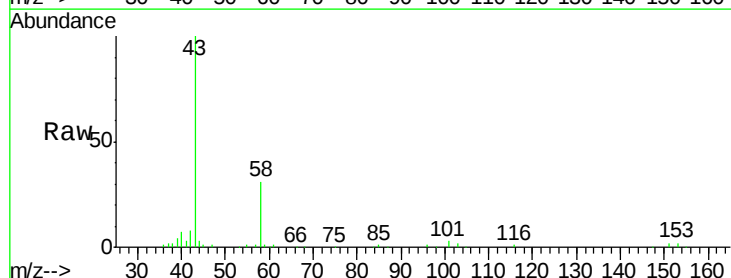
Acq: 23 Sep 2020 17:00

Tgt Ion: 43 Resp: 182080

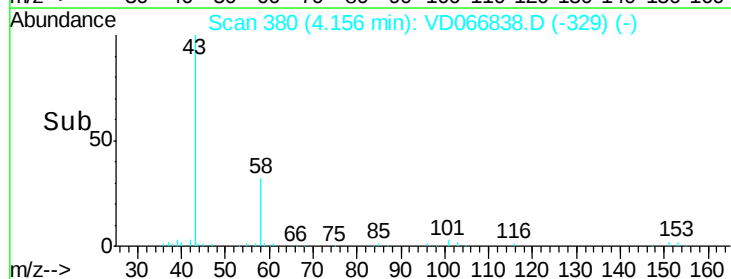
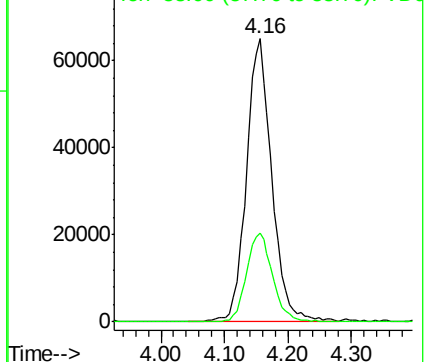
Ion Ratio Lower Upper

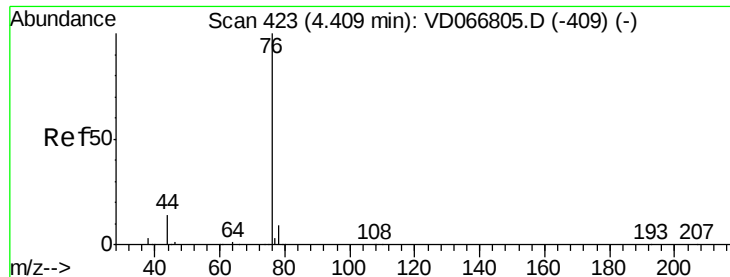
43 100

58 31.2 25.6 38.4



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

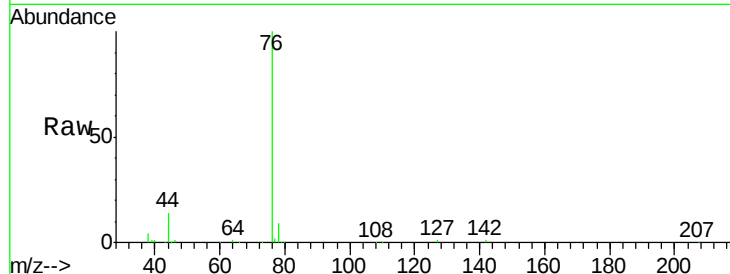




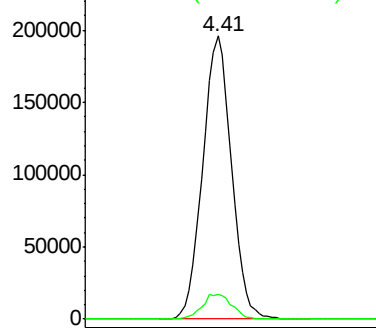
#17
Carbon Disulfide
Concen: 47.028 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

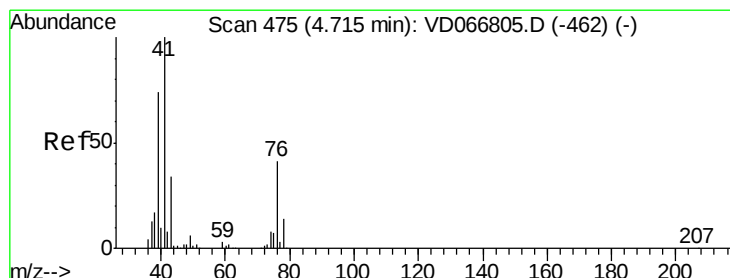
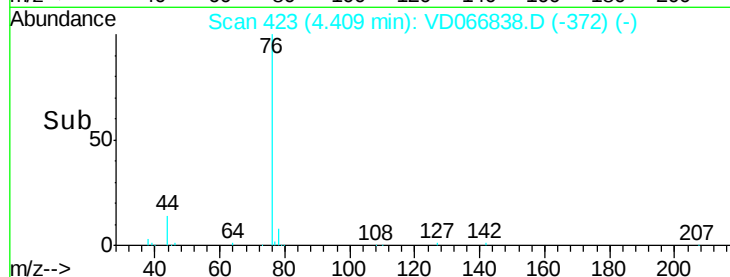
Tgt Ion: 76 Resp: 555594
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

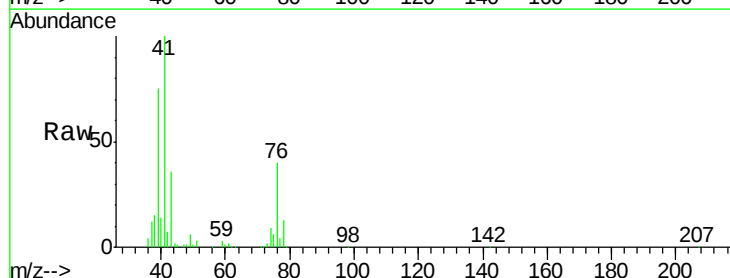


Time-->

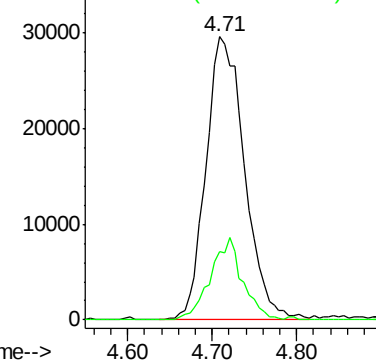


#18
Methyl Acetate
Concen: 51.402 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

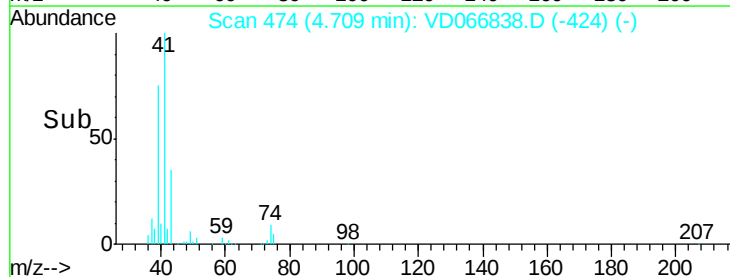
Tgt Ion: 43 Resp: 93785
Ion Ratio Lower Upper
43 100
74 24.1 20.3 30.5

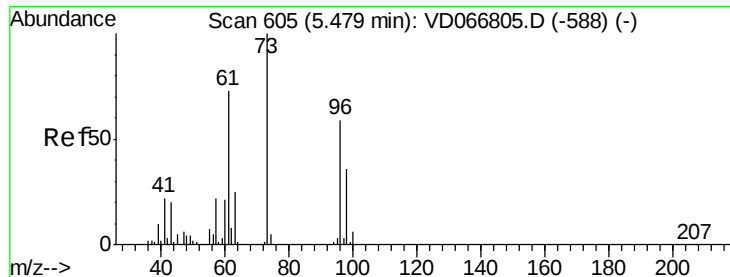


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC



Time-->

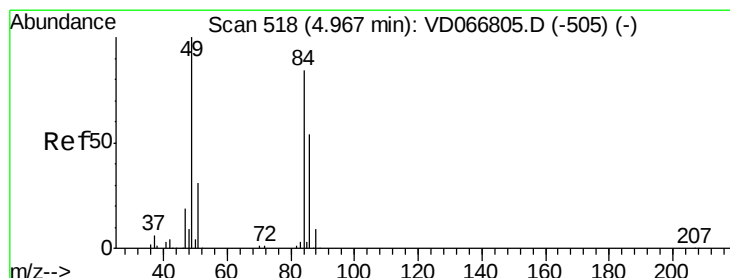
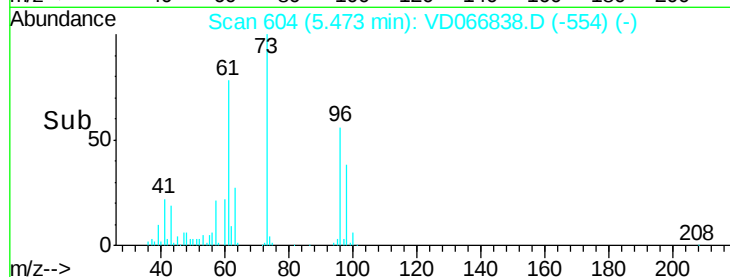
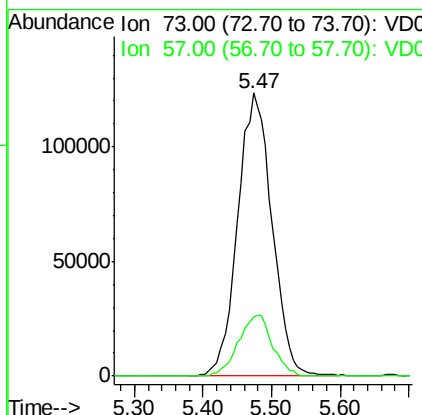
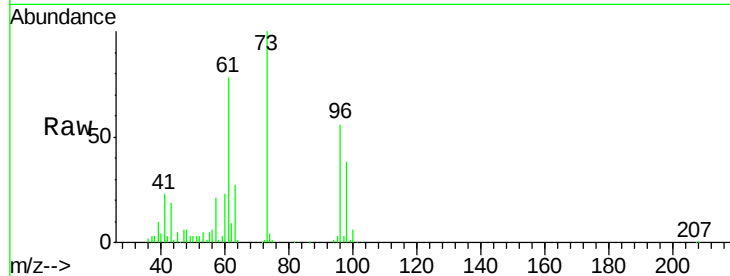




#19
Methyl tert-butyl Ether
Concen: 51.187 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

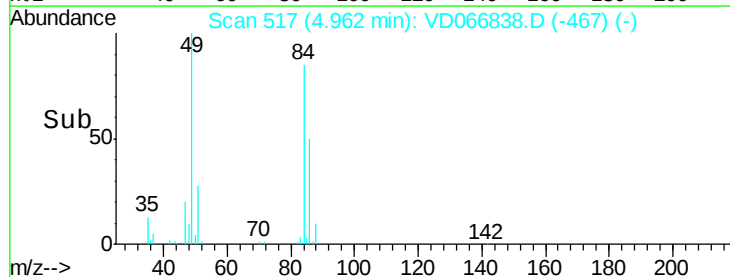
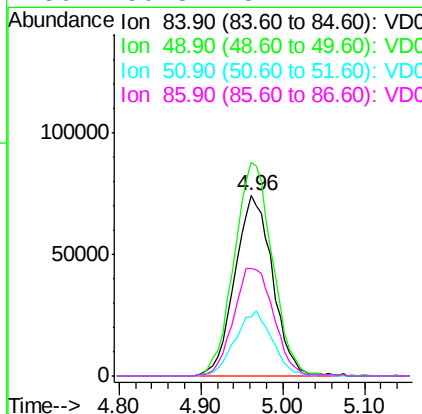
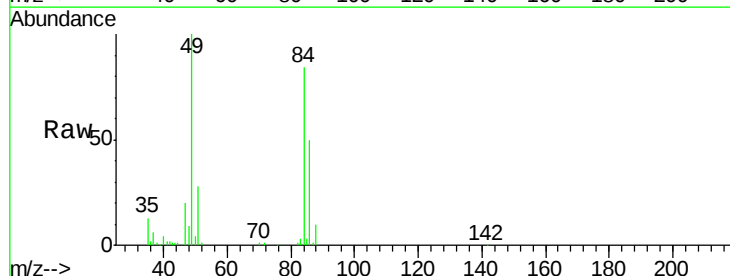
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

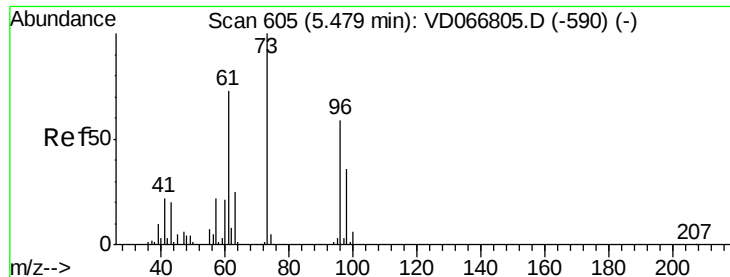
Tgt Ion: 73 Resp: 429554
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2



#20
Methylene Chloride
Concen: 54.325 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 84 Resp: 238001
Ion Ratio Lower Upper
84 100
49 118.5 95.4 143.2
51 32.8 29.7 44.5
86 59.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.951 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

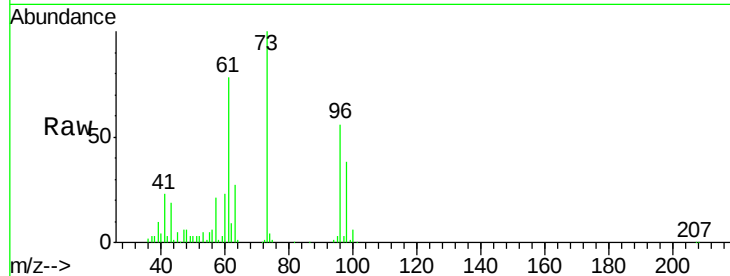
Tgt Ion: 96 Resp: 219025

Ion Ratio Lower Upper

96 100

61 138.3 98.9 148.3

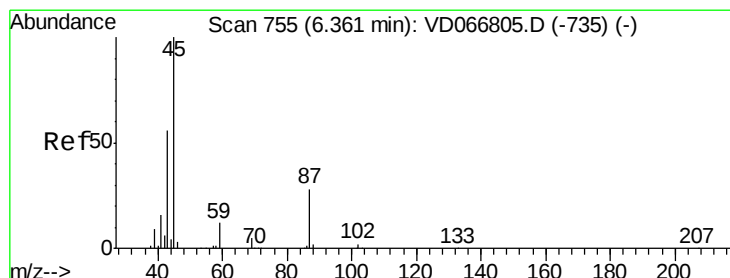
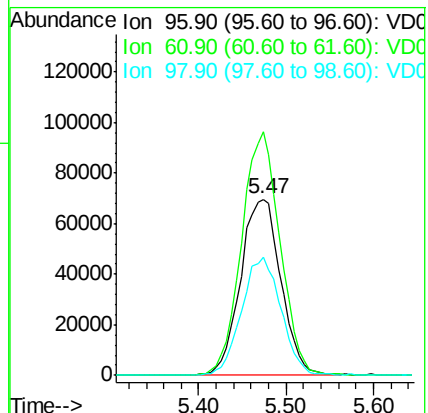
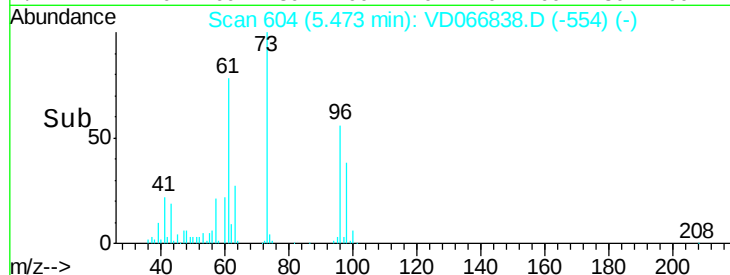
98 66.9 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 50.686 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion: 45 Resp: 591349

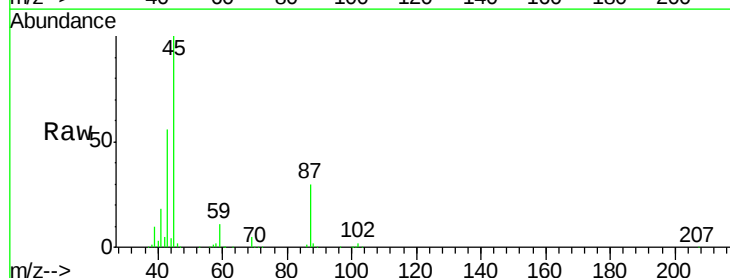
Ion Ratio Lower Upper

45 100

43 55.0 44.5 66.7

87 30.1 22.9 34.3

59 11.4 9.4 14.0

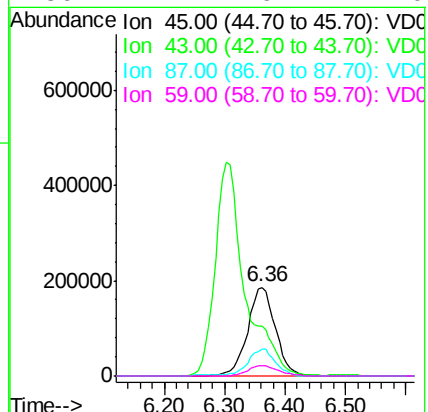
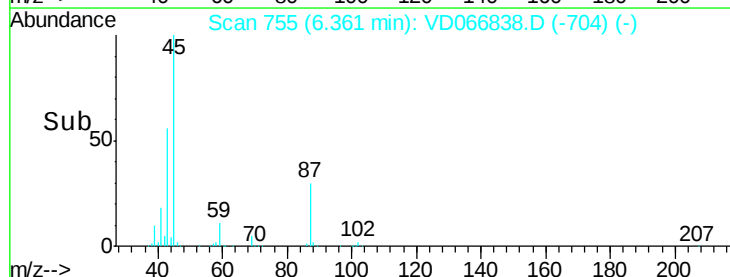


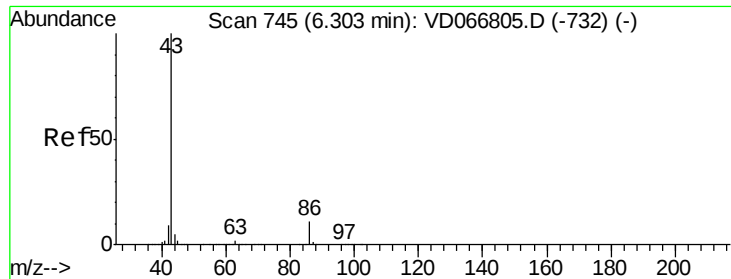
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 242.410 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

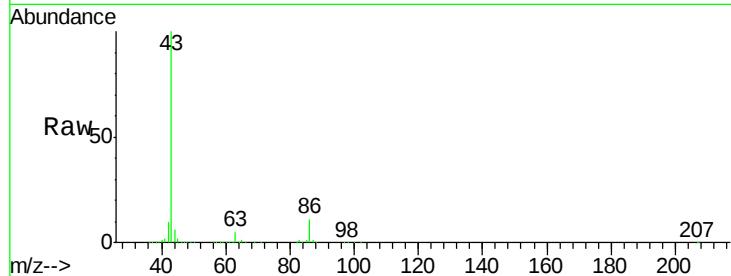
VSTDCCC050EC

Tgt Ion: 43 Resp: 1534982

Ion Ratio Lower Upper

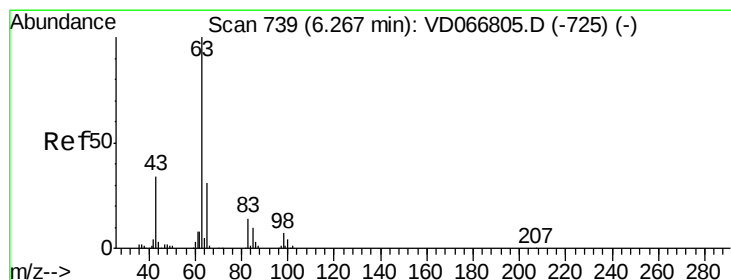
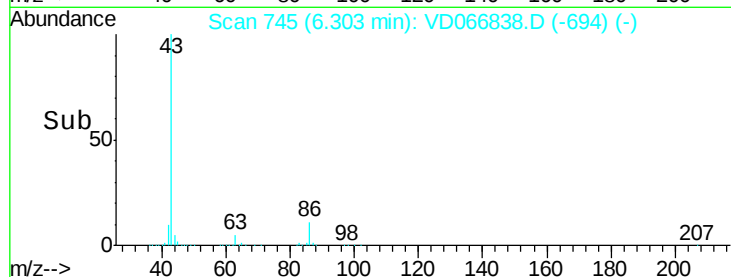
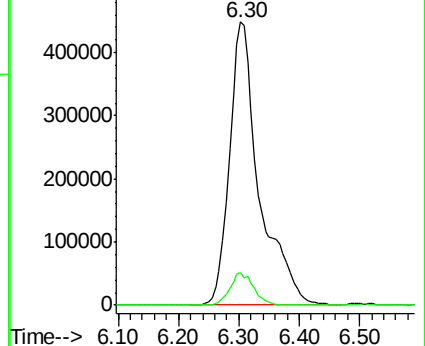
43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.571 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

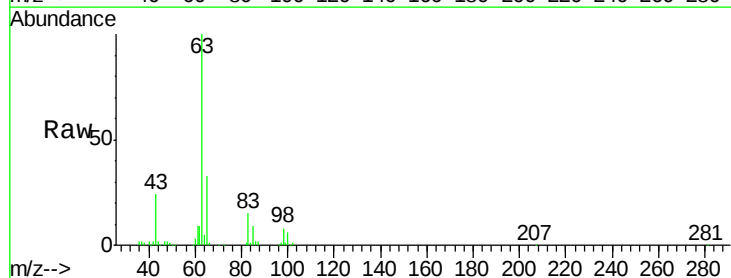
Tgt Ion: 63 Resp: 379097

Ion Ratio Lower Upper

63 100

98 7.8 3.7 11.1

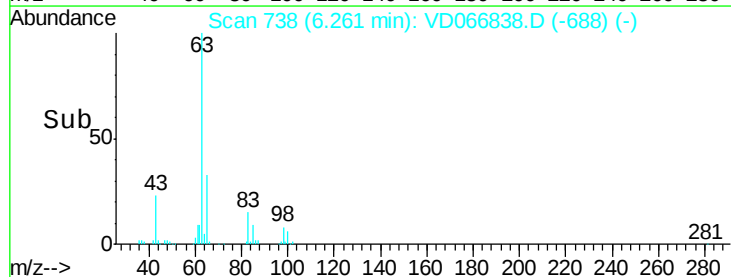
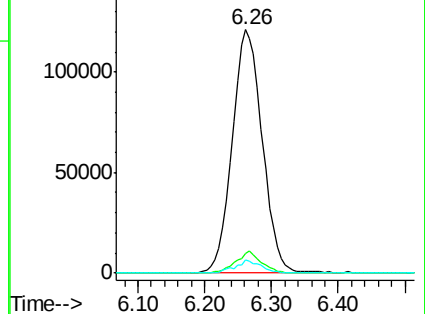
100 5.6 1.8 5.5#

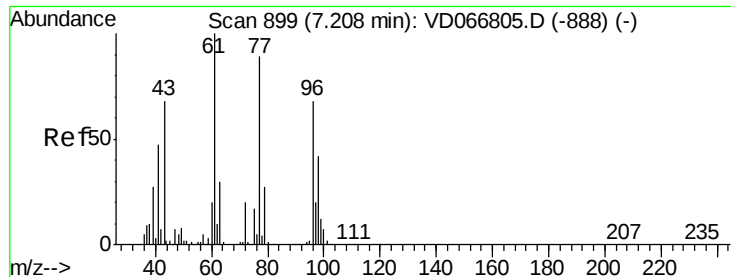


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 243.174 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

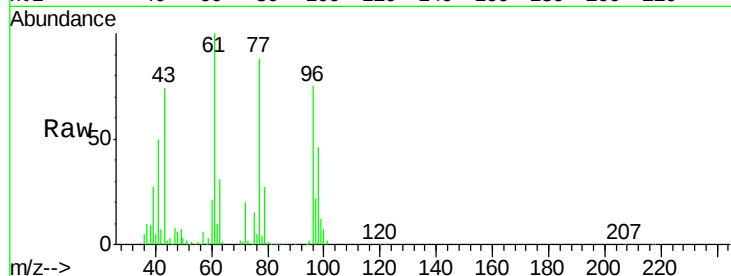
VSTDCCC050EC

Tgt Ion: 43 Resp: 239439

Ion Ratio Lower Upper

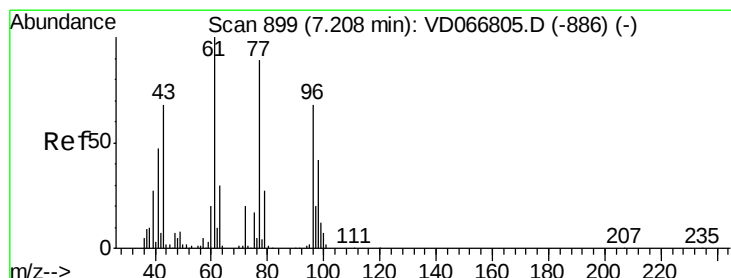
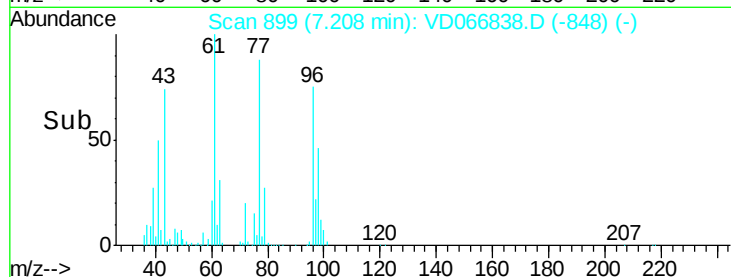
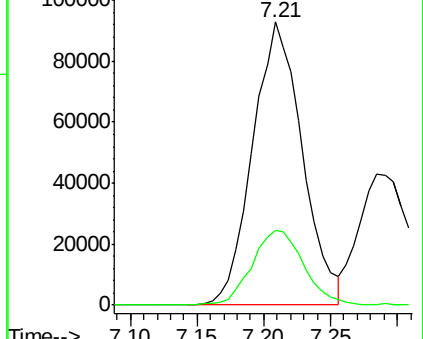
43 100

72 26.5 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 45.737 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066838.D

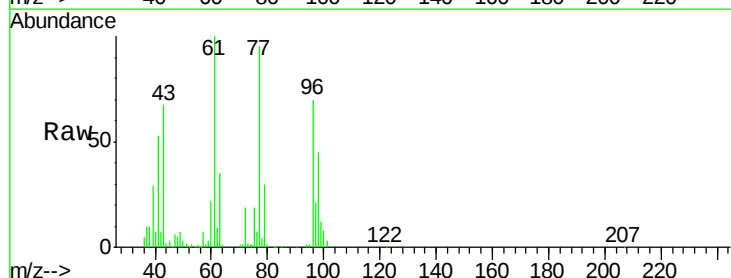
Acq: 23 Sep 2020 17:00

Tgt Ion: 77 Resp: 327191

Ion Ratio Lower Upper

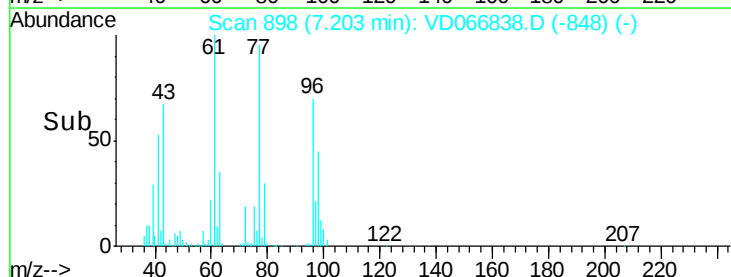
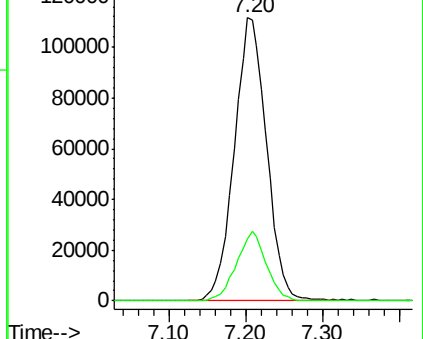
77 100

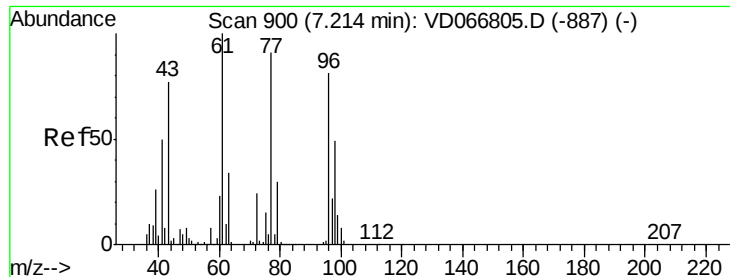
97 22.7 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 50.534 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

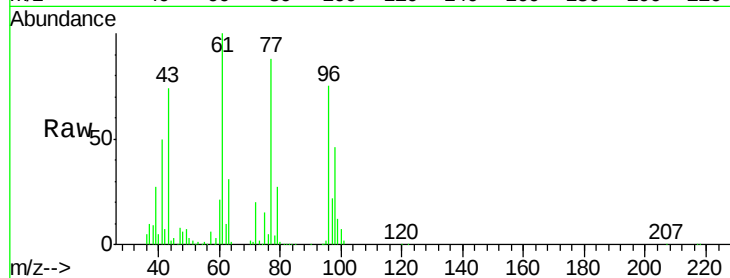
Tgt Ion: 96 Resp: 245669

Ion Ratio Lower Upper

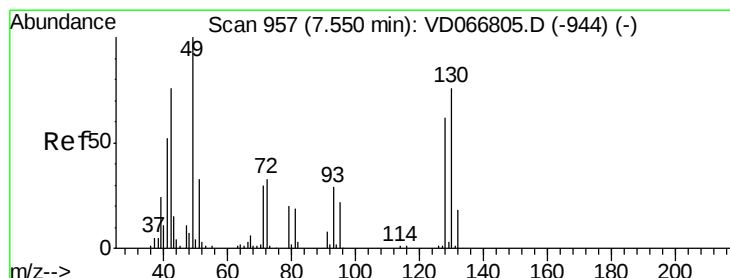
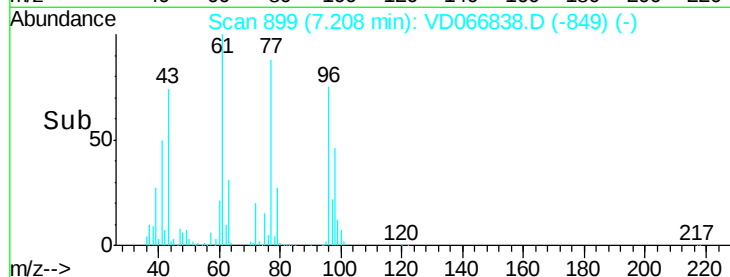
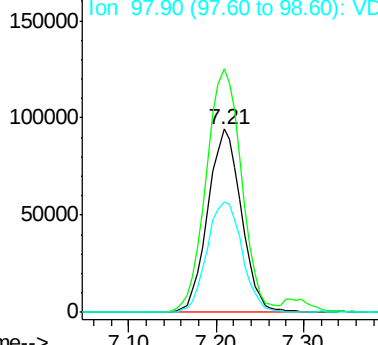
96 100

61 140.4 0.0 283.8

98 63.2 0.0 128.4



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



#28

Bromochloromethane

Concen: 53.053 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

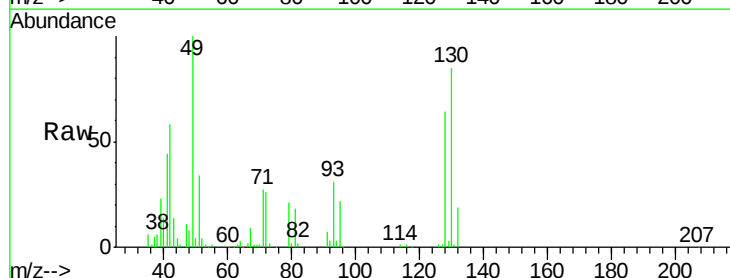
Tgt Ion: 49 Resp: 171066

Ion Ratio Lower Upper

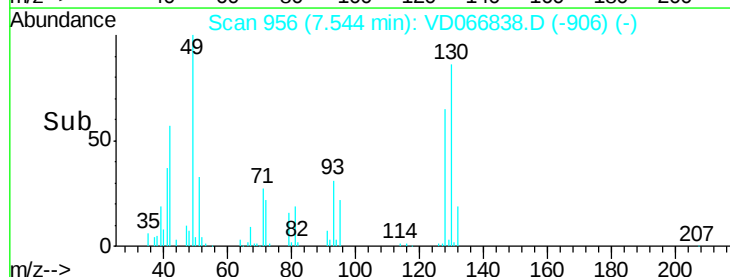
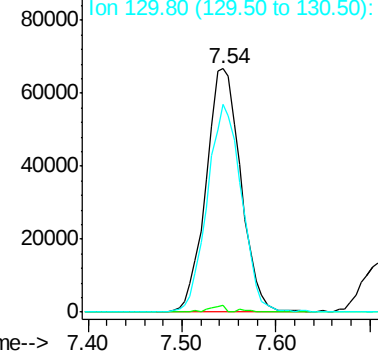
49 100

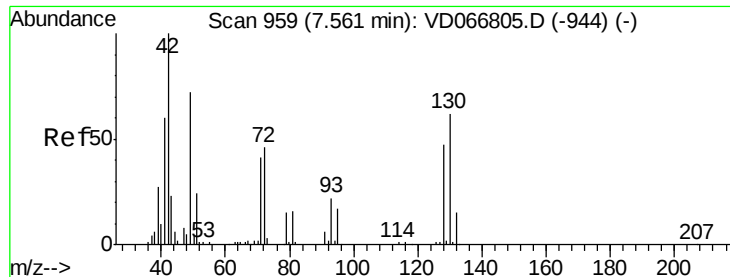
129 1.2 0.0 2.0

130 84.2 65.9 98.9



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

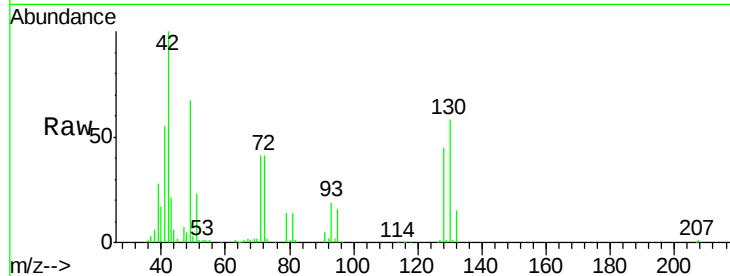




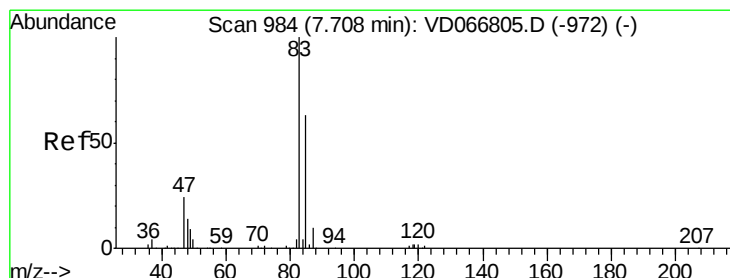
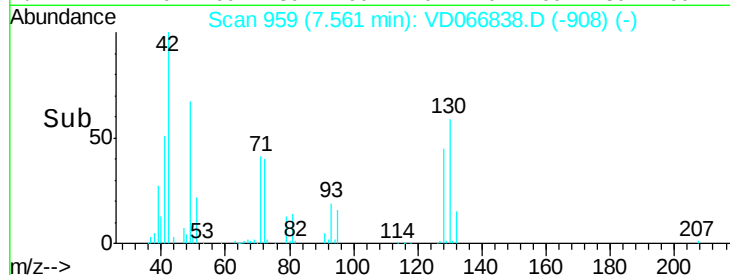
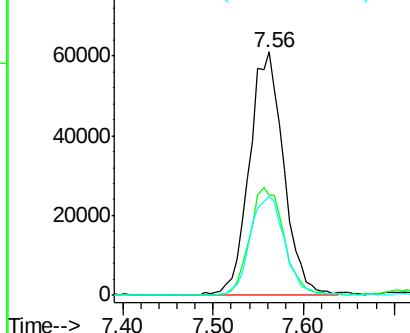
#29
Tetrahydrofuran
Concen: 254.307 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 160445
Ion Ratio Lower Upper
42 100
72 44.5 36.2 54.4
71 41.3 32.4 48.6

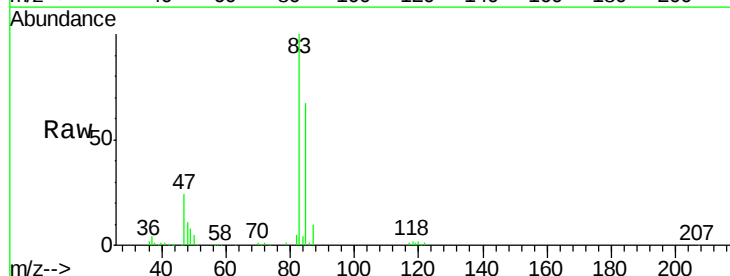


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

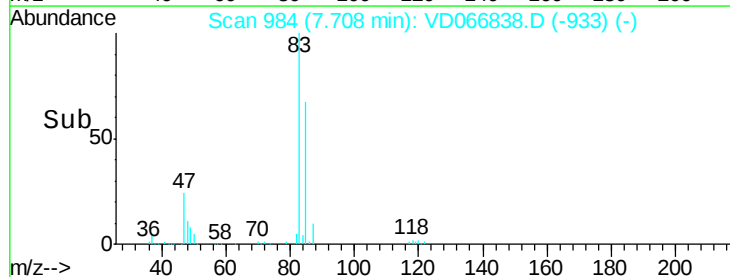
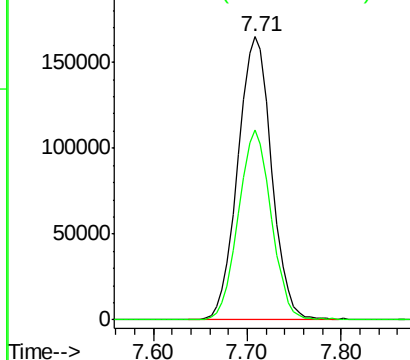


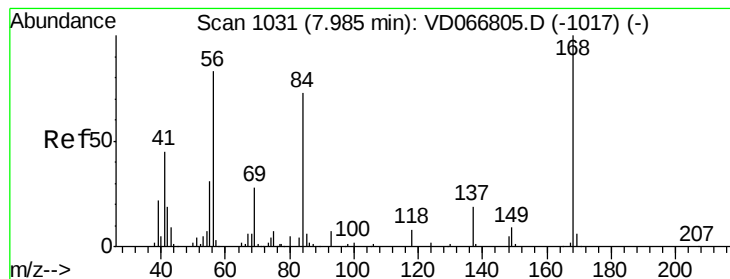
#30
Chloroform
Concen: 48.735 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 83 Resp: 410020
Ion Ratio Lower Upper
83 100
85 67.1 50.6 75.8



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





#31

Cyclohexane

Concen: 45.552 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

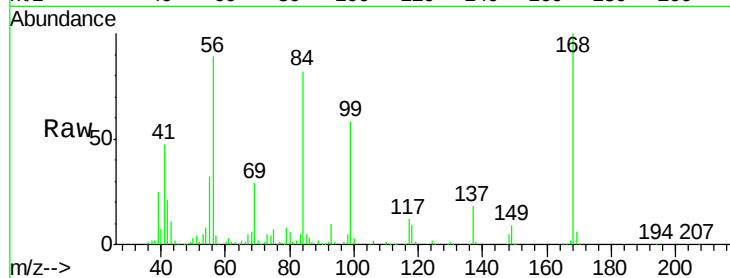
Tgt Ion: 56 Resp: 319909

Ion Ratio Lower Upper

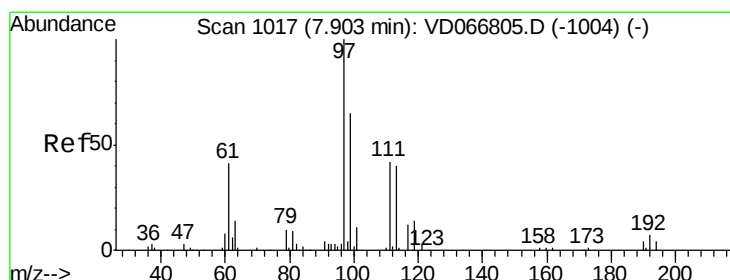
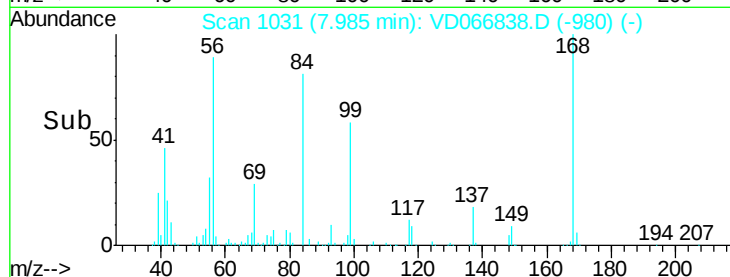
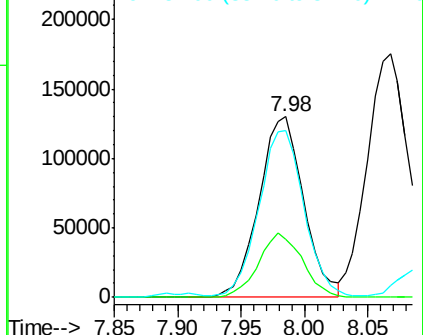
56 100

69 32.4 27.0 40.4

84 90.2 70.2 105.4



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



#32

1,1,1-Trichloroethane

Concen: 48.041 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

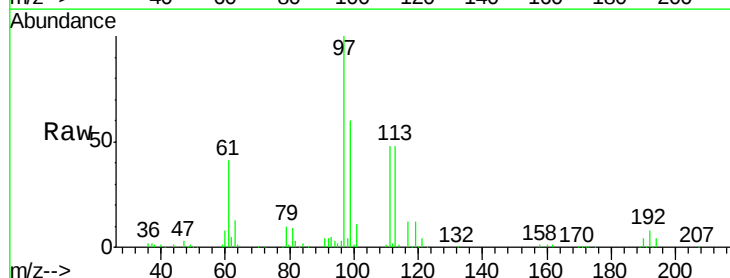
Tgt Ion: 97 Resp: 365630

Ion Ratio Lower Upper

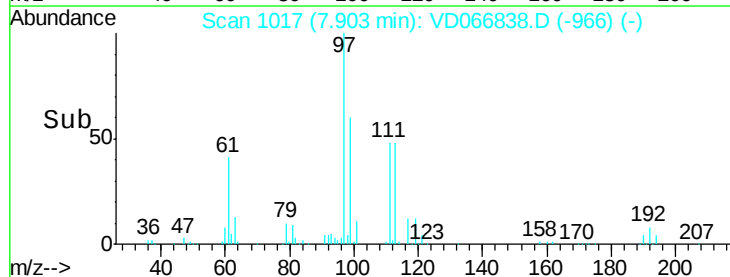
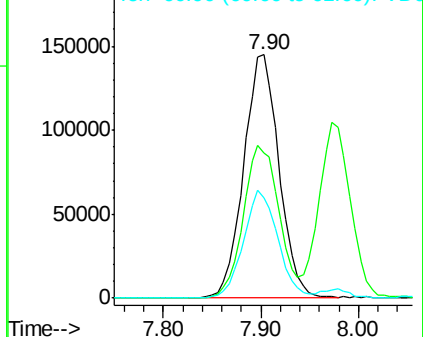
97 100

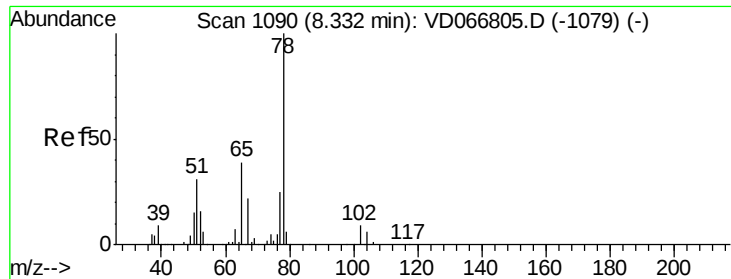
99 63.5 51.5 77.3

61 42.8 34.2 51.4



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

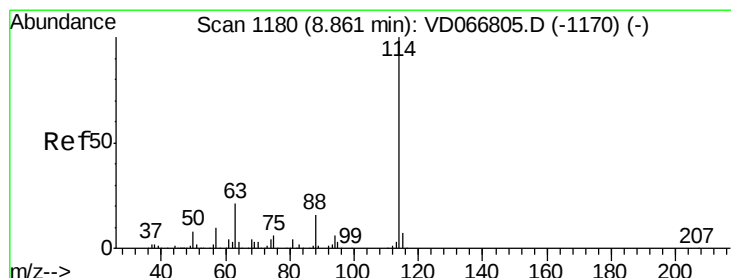
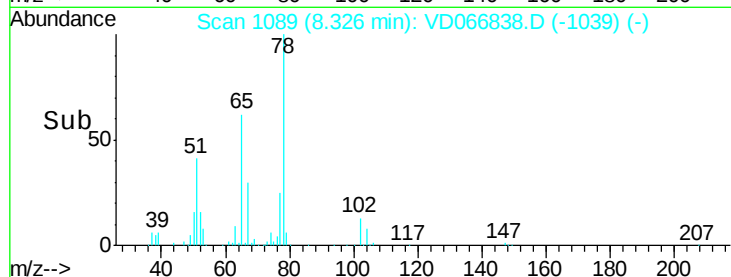
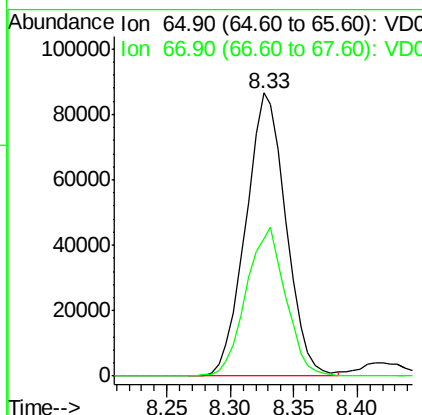
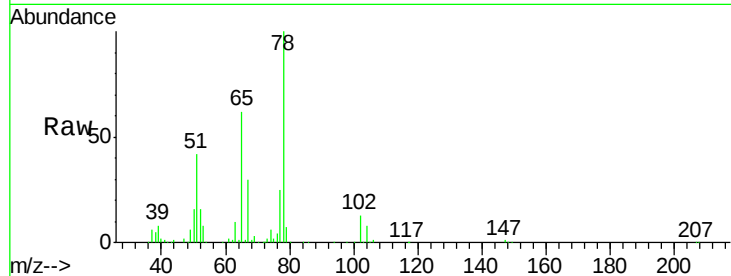




#33
 1,2-Dichloroethane-d4
 Concen: 49.529 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

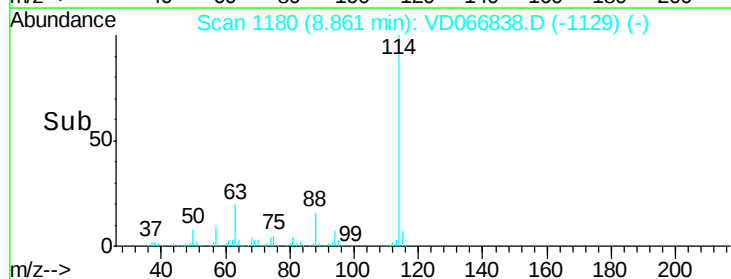
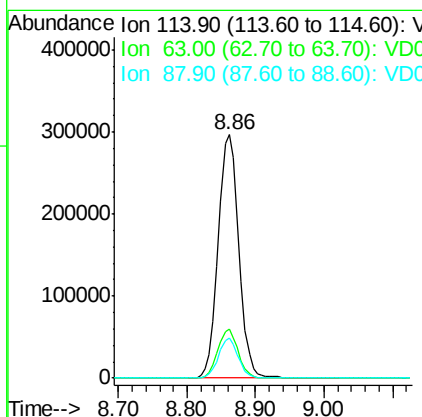
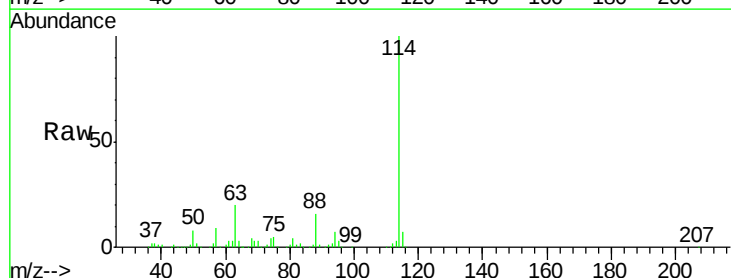
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

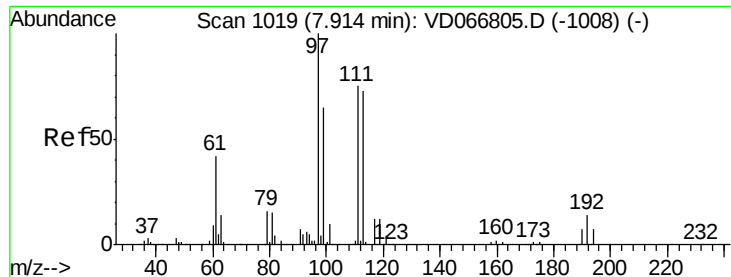
Tgt Ion: 65 Resp: 191300
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion: 114 Resp: 619312
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 16.3 0.0 32.6

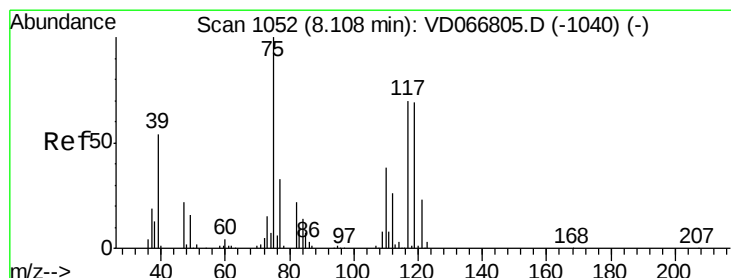
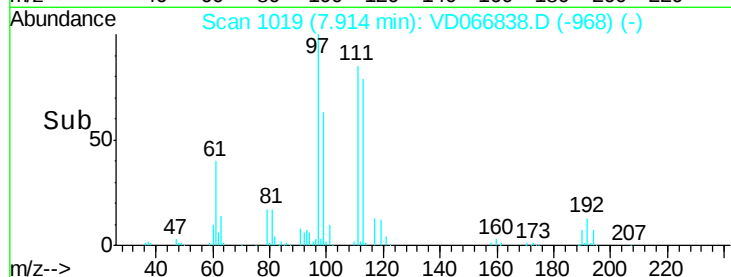
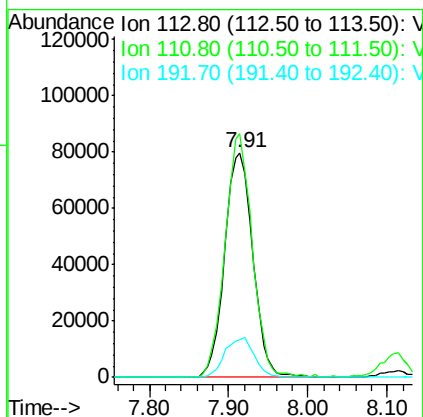
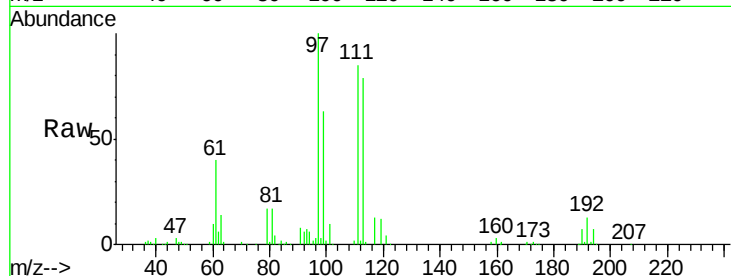




#35
 Dibromofluoromethane
 Concen: 49.965 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

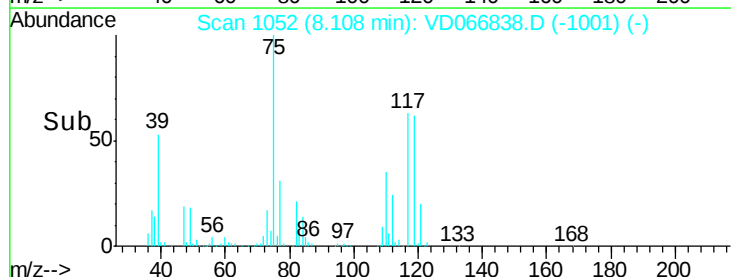
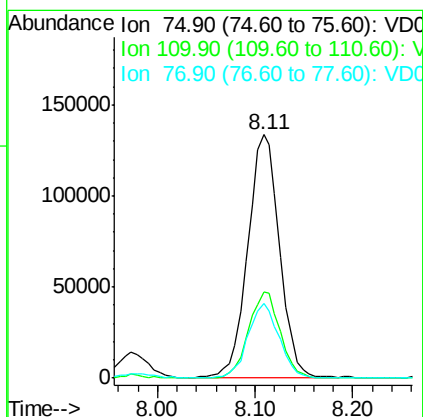
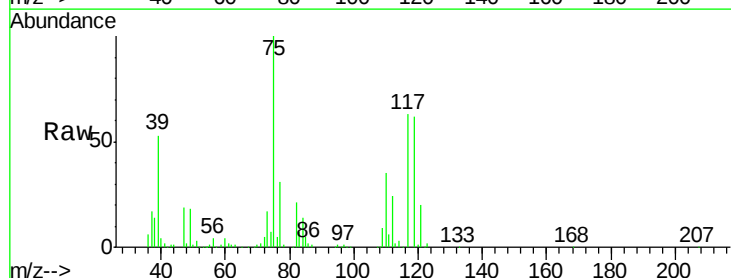
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

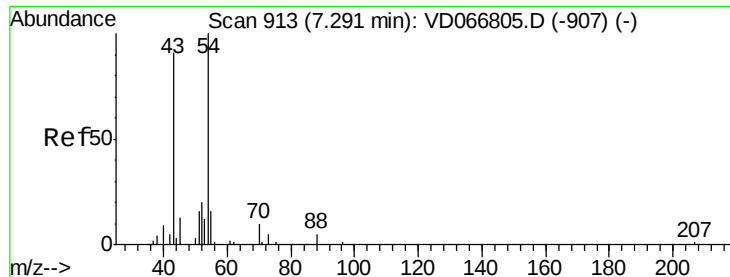
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.8	122.8
192	18.3	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 49.428 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.9	53.8
77	30.7	25.0	37.6

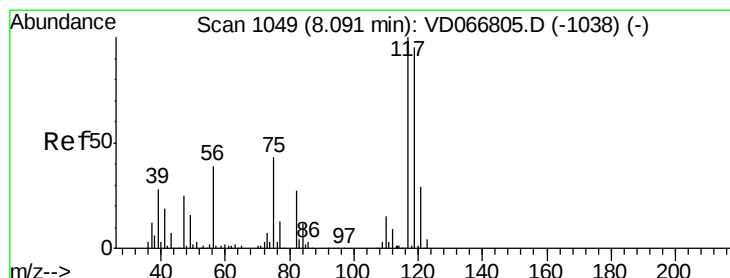
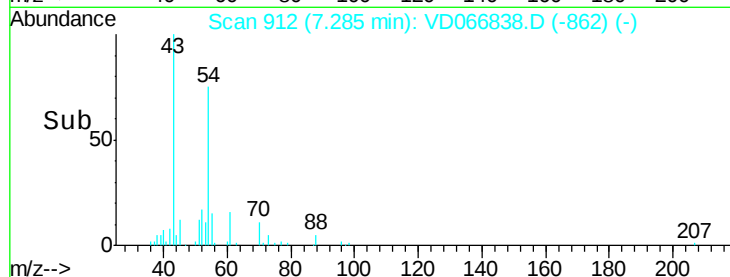
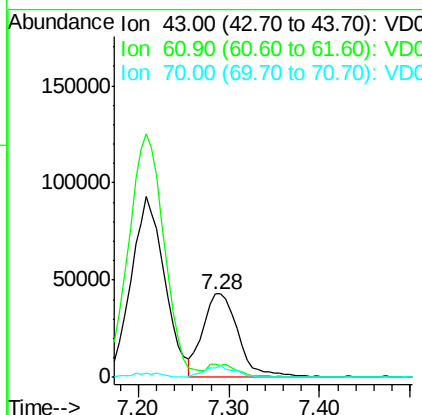
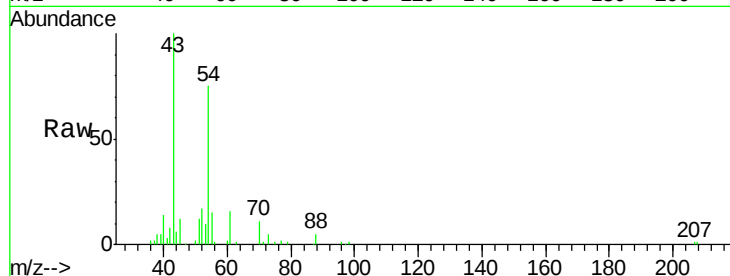




#37
Ethyl Acetate
Concen: 52.127 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

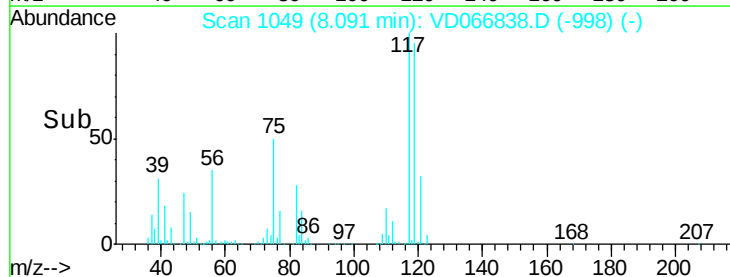
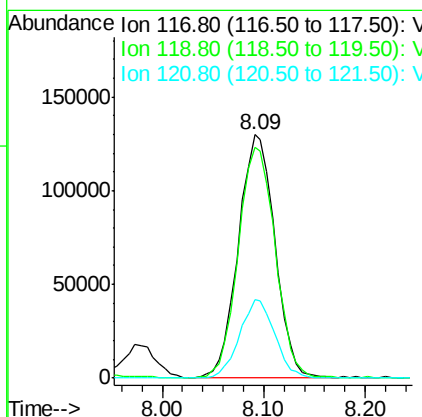
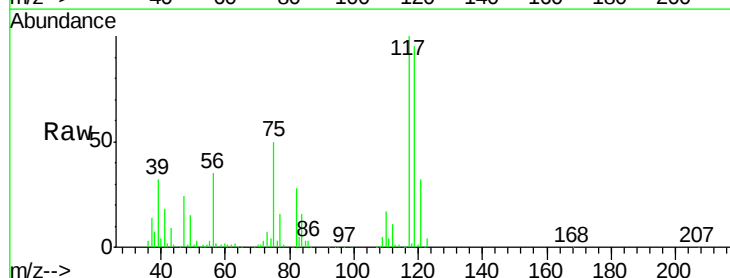
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

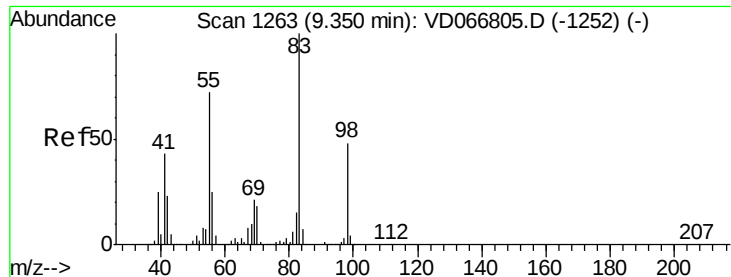
Tgt Ion: 43 Resp: 115781
Ion Ratio Lower Upper
43 100
61 11.7 9.8 14.8
70 11.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 48.099 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 117 Resp: 323088
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
121 32.5 23.4 35.0

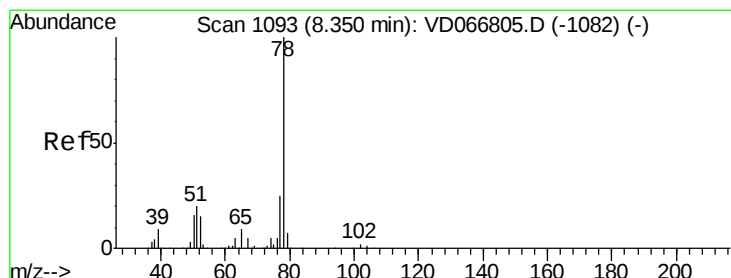
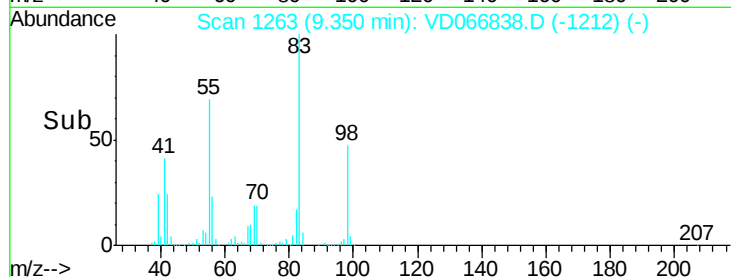
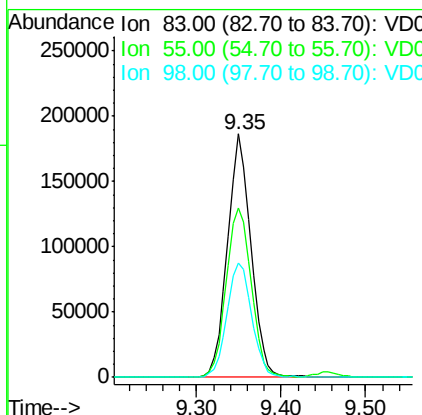
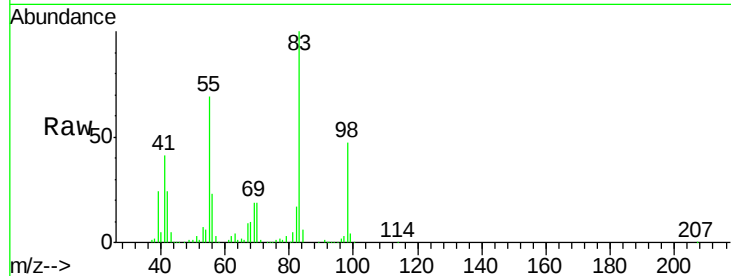




#39
Methylcyclohexane
Concen: 50.925 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

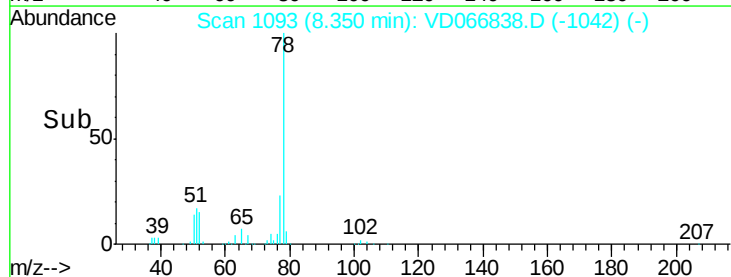
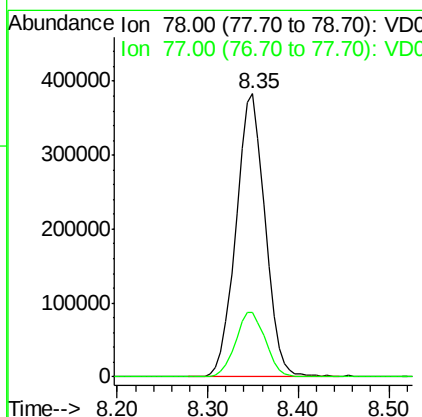
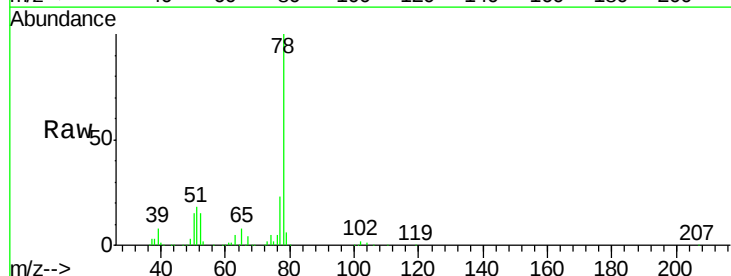
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

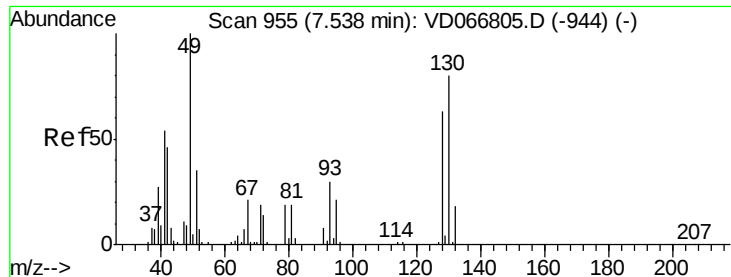
Tgt Ion: 83 Resp: 359244
Ion Ratio Lower Upper
83 100
55 69.4 57.7 86.5
98 46.7 38.4 57.6



#40
Benzene
Concen: 49.960 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 78 Resp: 855481
Ion Ratio Lower Upper
78 100
77 22.8 19.9 29.9





#41

Methacrylonitrile

Concen: 115.202 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 157357

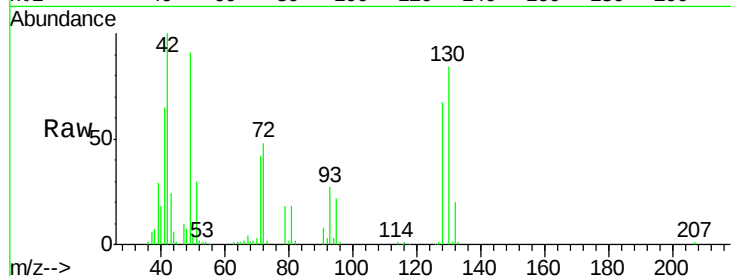
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

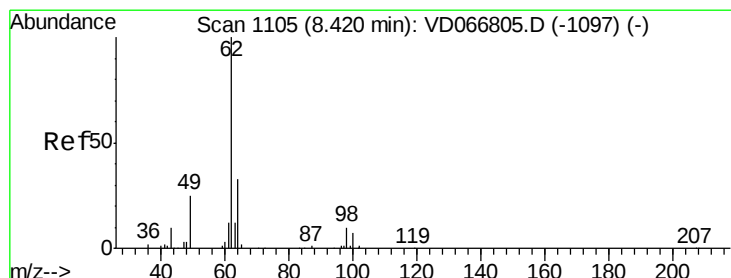
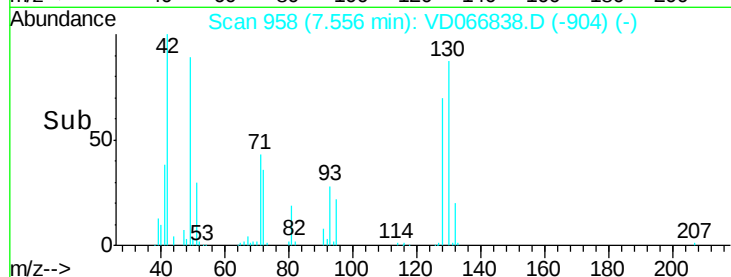
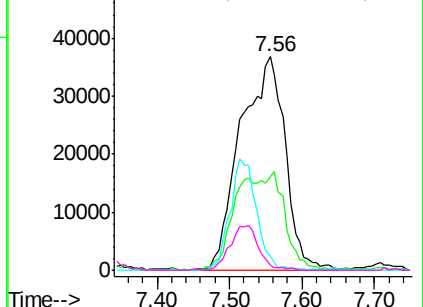


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 49.375 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066838.D

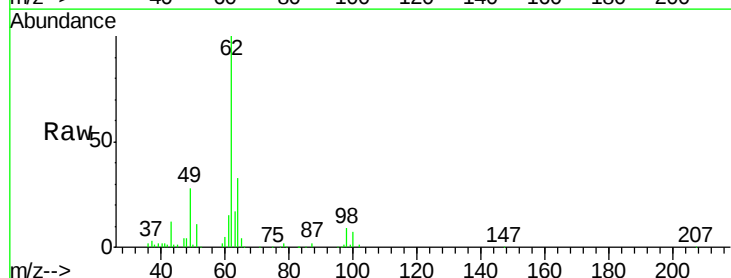
Acq: 23 Sep 2020 17:00

Tgt Ion: 62 Resp: 249942

Ion Ratio Lower Upper

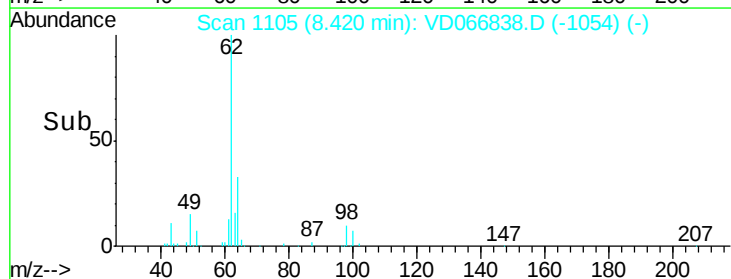
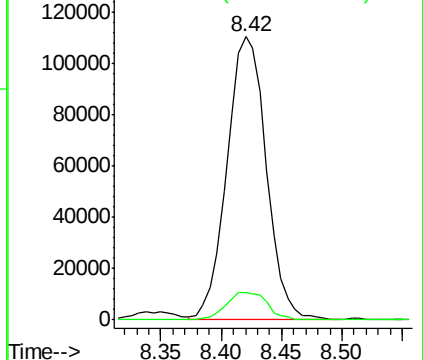
62 100

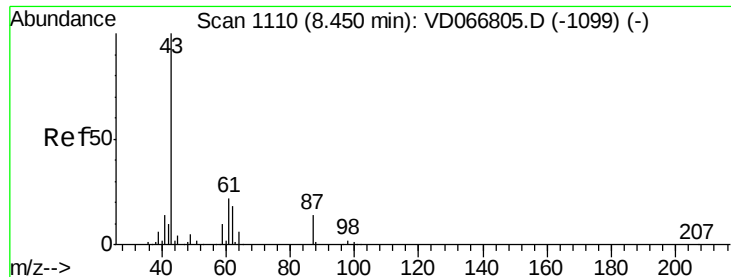
98 10.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

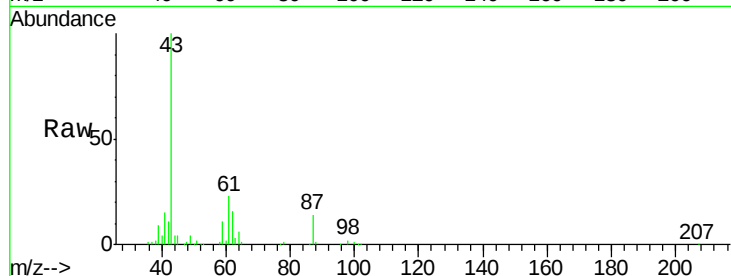




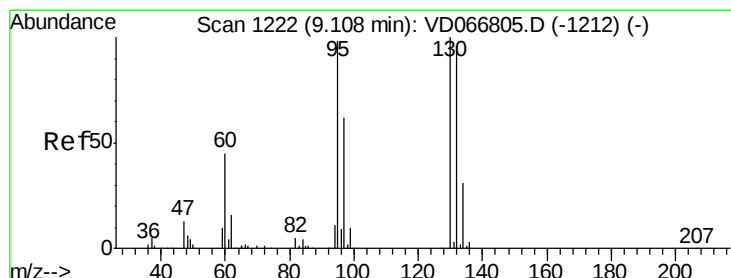
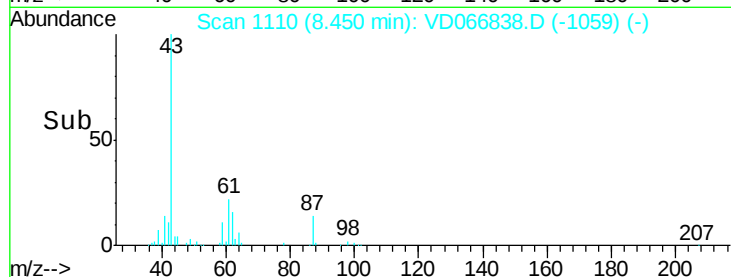
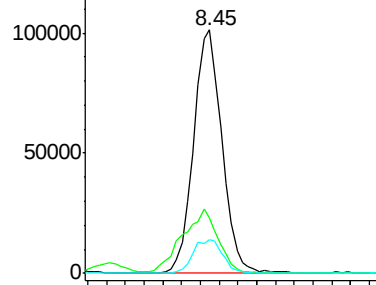
#43
Isopropyl Acetate
Concen: 49.994 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 214085
Ion Ratio Lower Upper
43 100
61 32.8 26.2 39.4
87 14.5 11.5 17.3

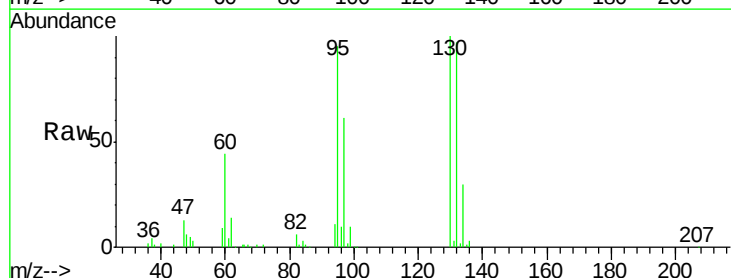


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

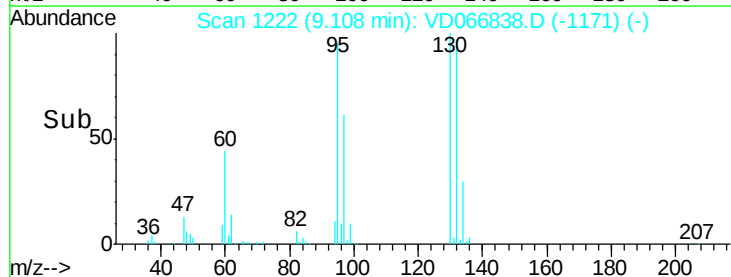
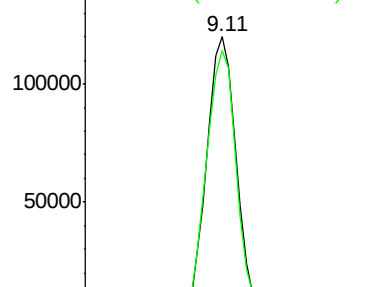


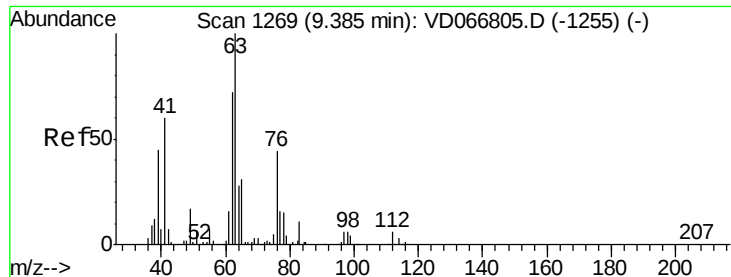
#44
Trichloroethene
Concen: 49.428 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 130 Resp: 241244
Ion Ratio Lower Upper
130 100
95 95.1 0.0 197.0



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





#45

1,2-Dichloropropane

Concen: 50.240 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

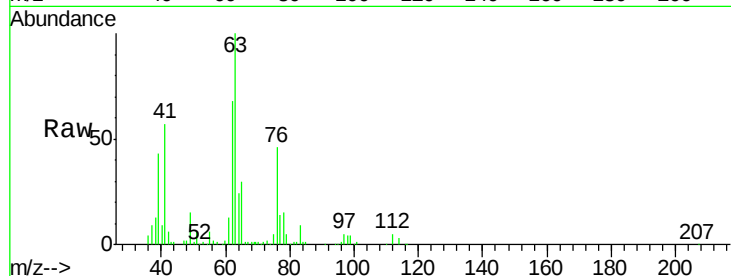
VSTDCCC050EC

Tgt Ion: 63 Resp: 216446

Ion Ratio Lower Upper

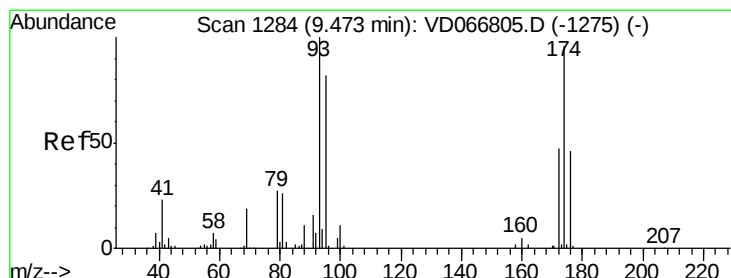
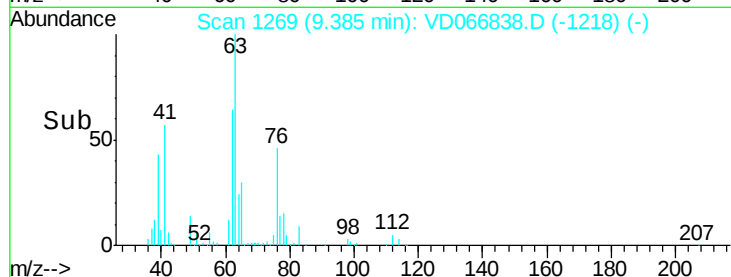
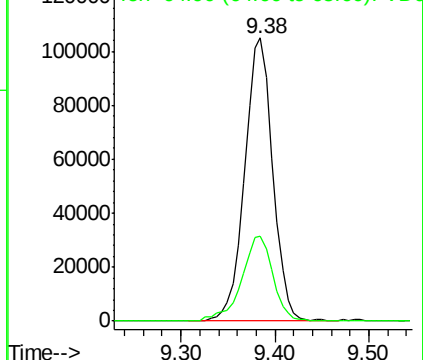
63 100

65 30.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 50.897 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

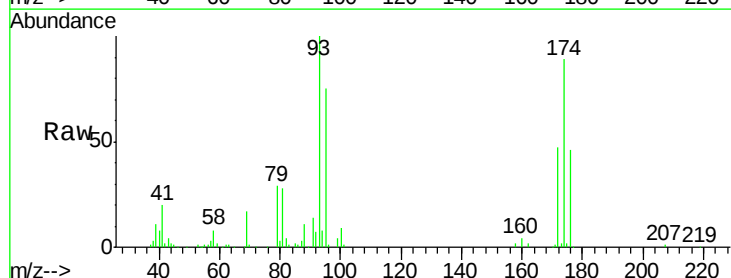
Tgt Ion: 93 Resp: 119139

Ion Ratio Lower Upper

93 100

95 82.4 65.3 97.9

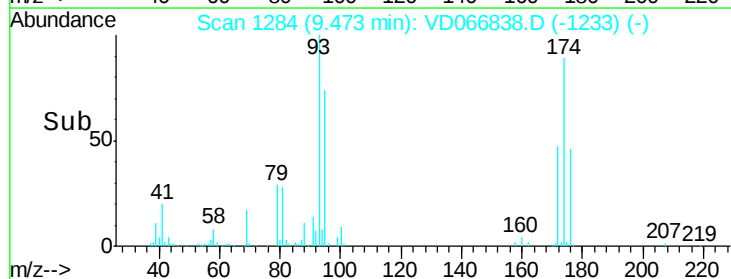
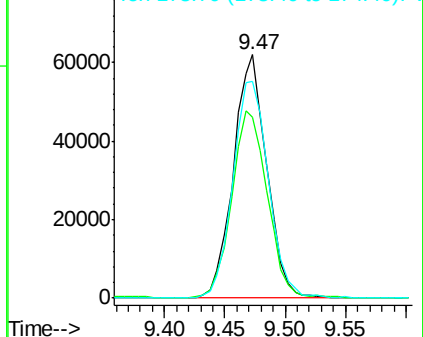
174 95.3 75.4 113.2

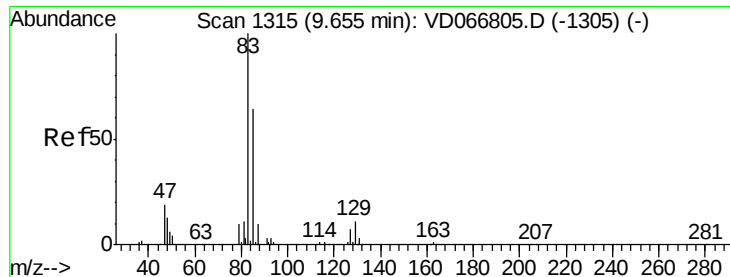


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.079 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

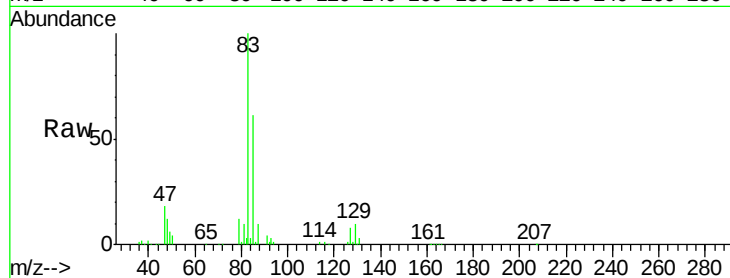
Tgt Ion: 83 Resp: 314902

Ion Ratio Lower Upper

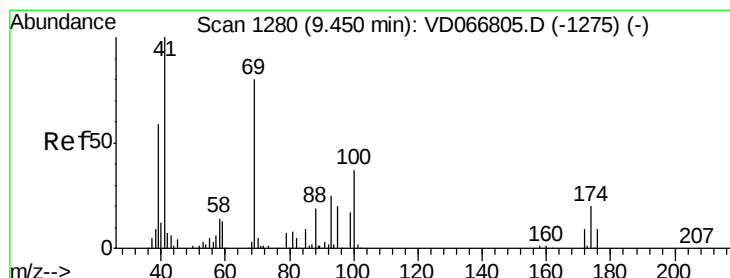
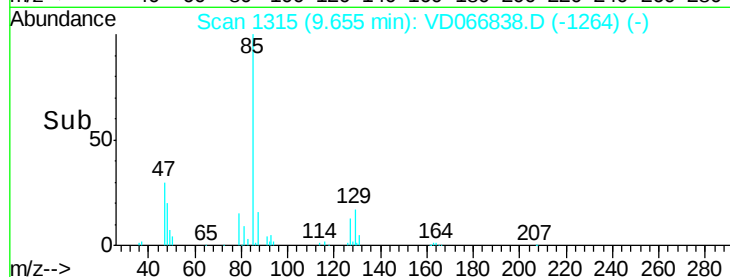
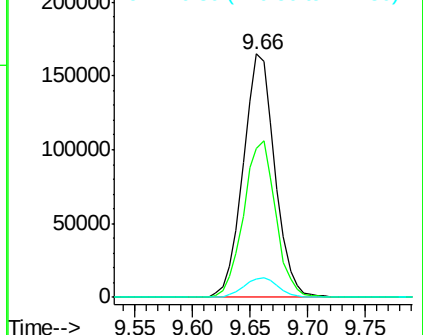
83 100

85 61.0 50.9 76.3

127 7.7 5.9 8.9



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



#48

Methyl methacrylate

Concen: 50.176 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

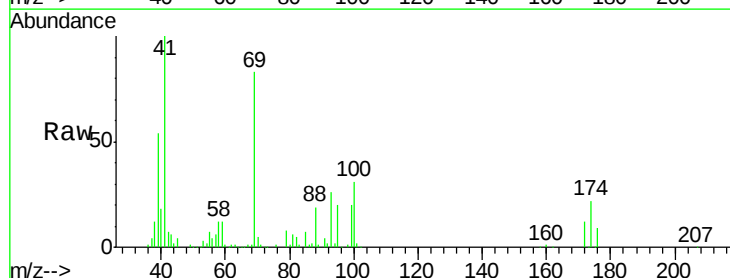
Tgt Ion: 41 Resp: 105939

Ion Ratio Lower Upper

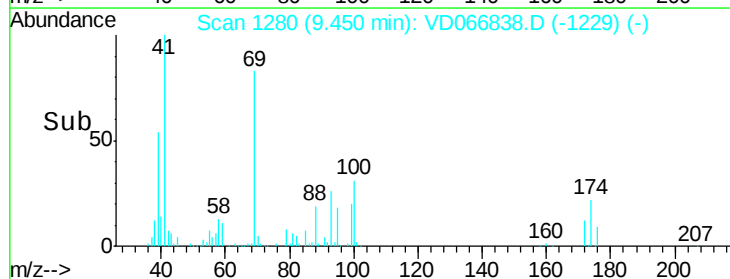
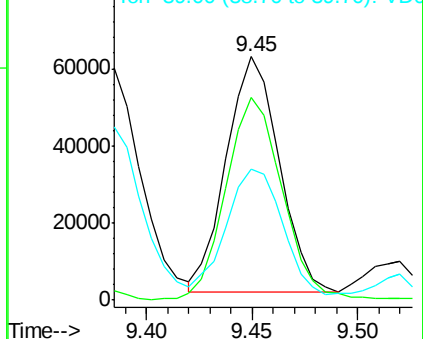
41 100

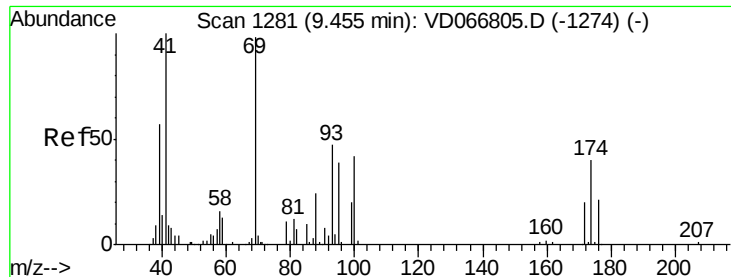
69 92.2 74.5 111.7

39 55.3 47.0 70.6



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

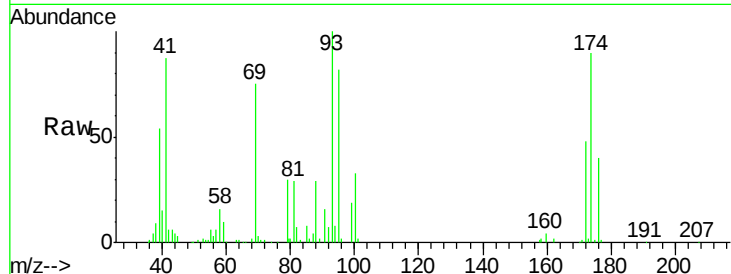




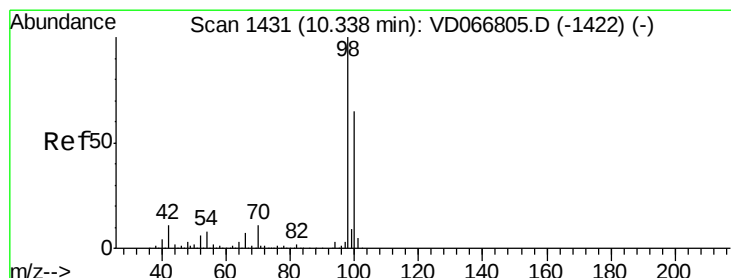
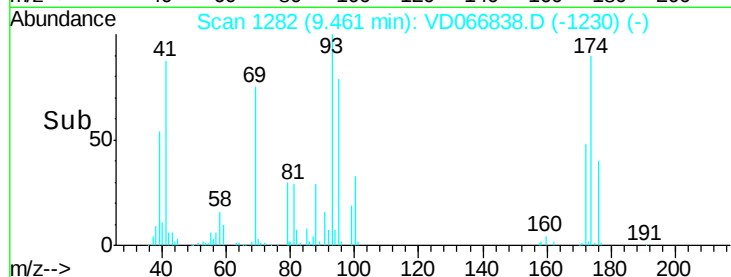
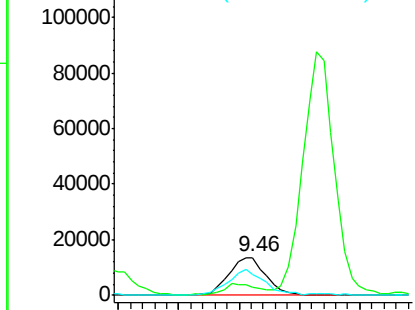
#49
 1,4-Dioxane
 Concen: 1114.599 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 29272
 Ion Ratio Lower Upper
 88 100
 43 28.8 27.7 41.5
 58 65.6 55.5 83.3

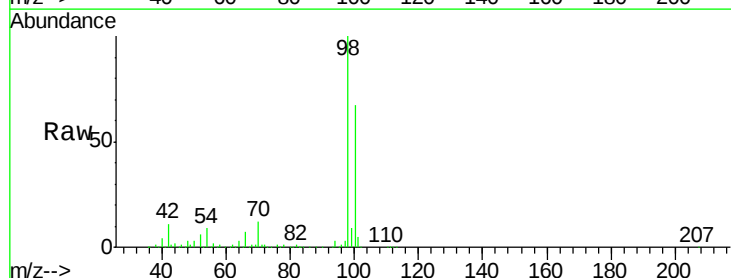


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

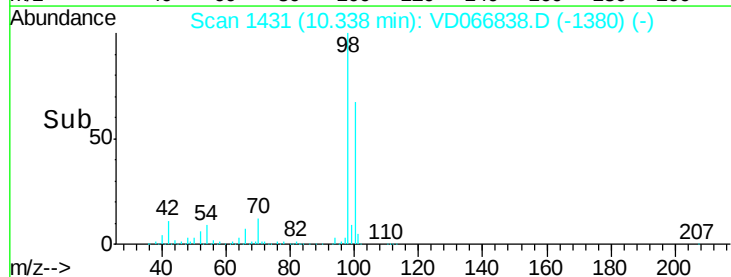
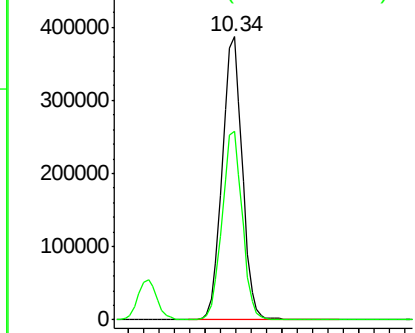


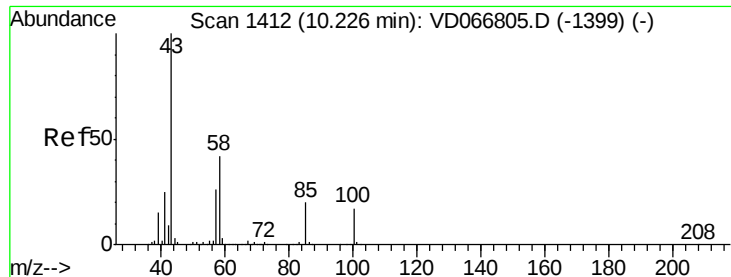
#50
 Toluene-d8
 Concen: 52.281 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion: 98 Resp: 701840
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.2 78.2



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

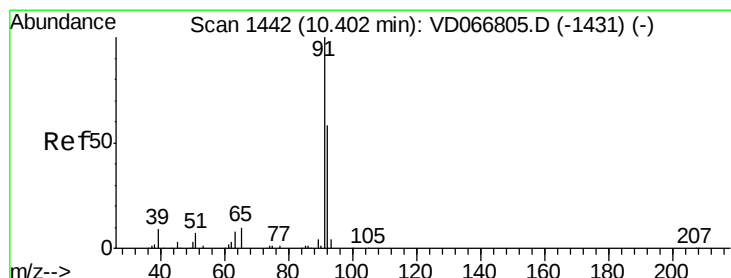
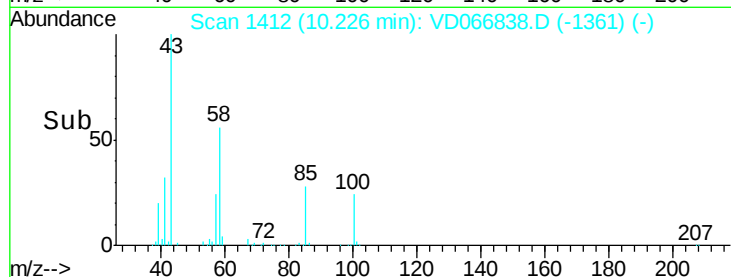
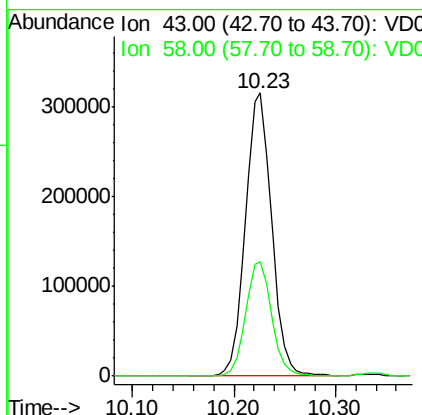
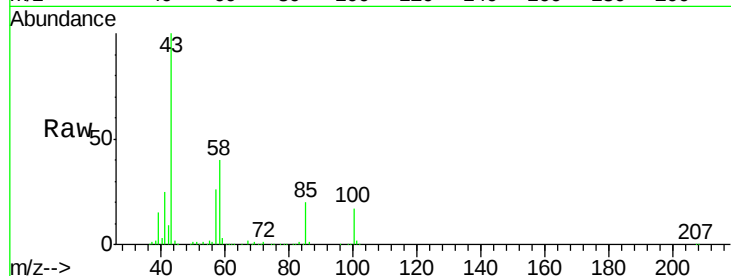




#51
 4-Methyl-2-Pentanone
 Concen: 260.370 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

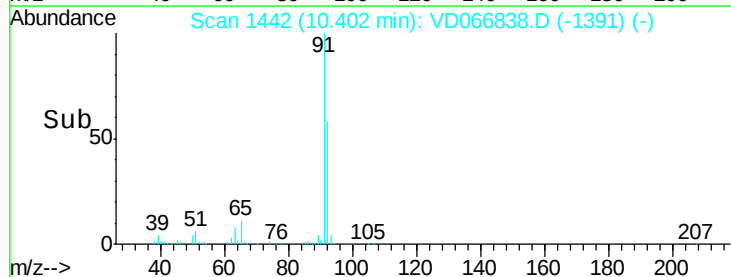
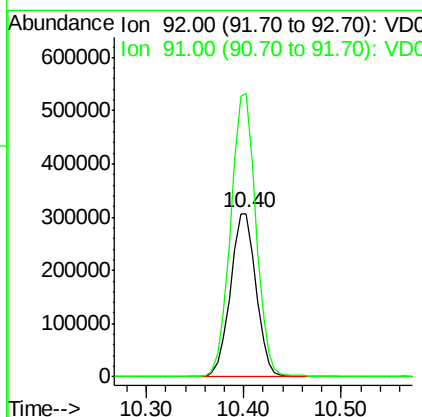
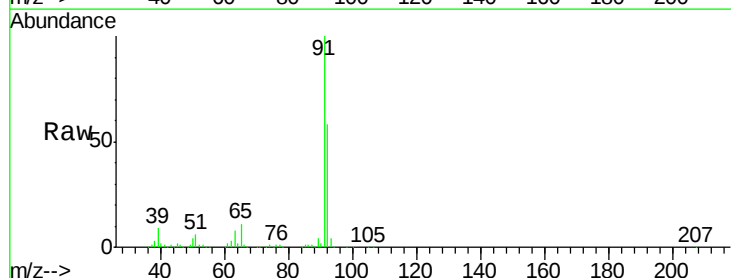
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

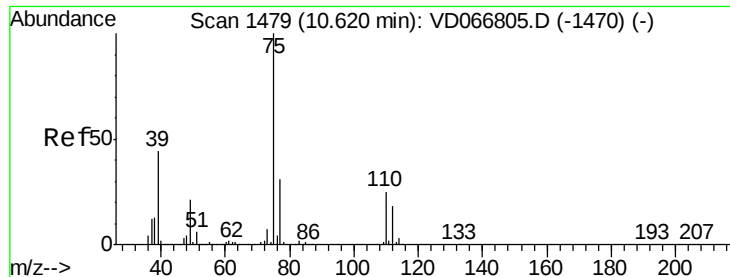
Tgt Ion: 43 Resp: 564959
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.2 48.4



#52
 Toluene
 Concen: 51.034 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion: 92 Resp: 562894
 Ion Ratio Lower Upper
 92 100
 91 170.4 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 51.943 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

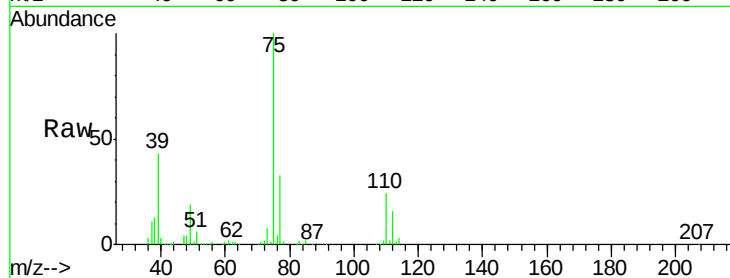
VSTDCCC050EC

Tgt Ion: 75 Resp: 278003

Ion Ratio Lower Upper

75 100

77 32.9 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

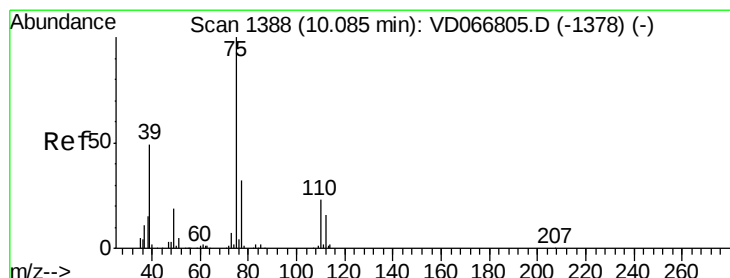
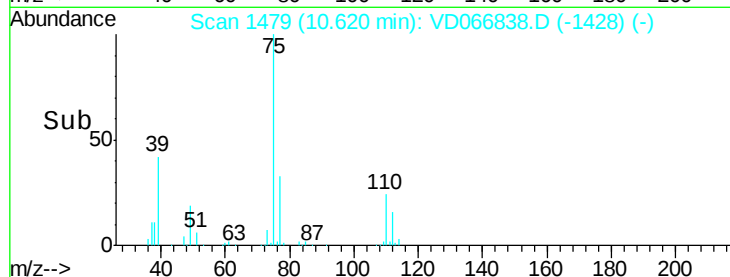
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 49.763 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

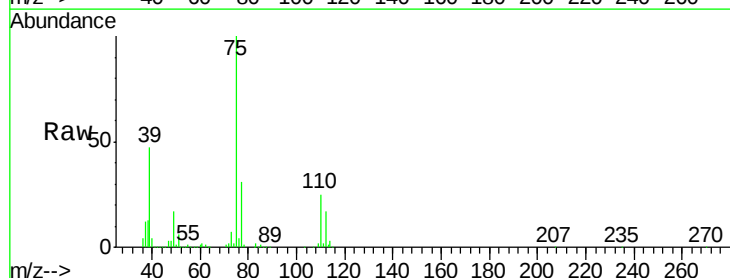
Tgt Ion: 75 Resp: 324749

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

39 47.0 39.2 58.8



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.08

200000

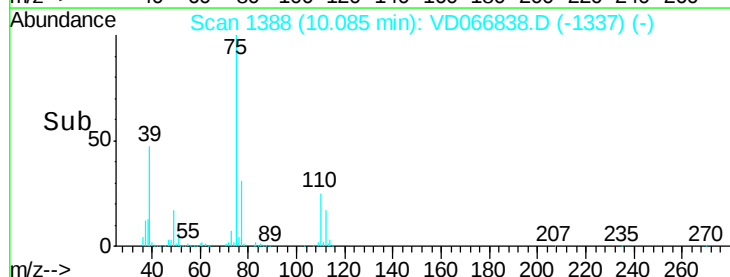
150000

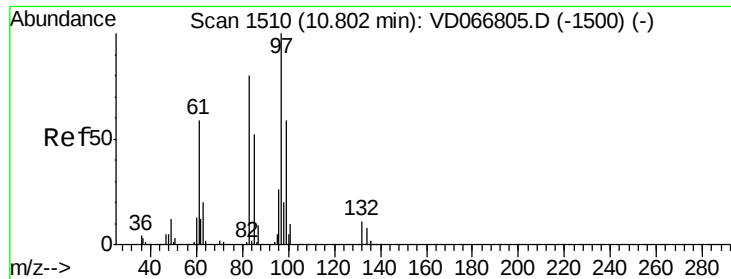
100000

50000

0

Time--> 10.00 10.10

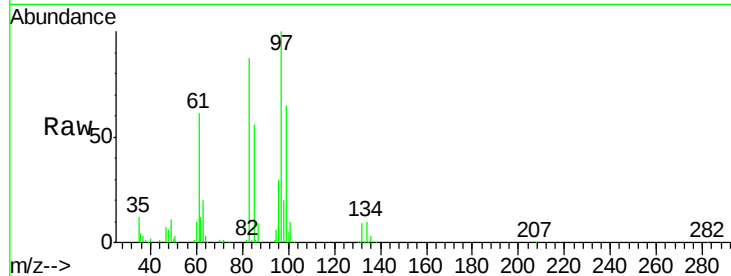




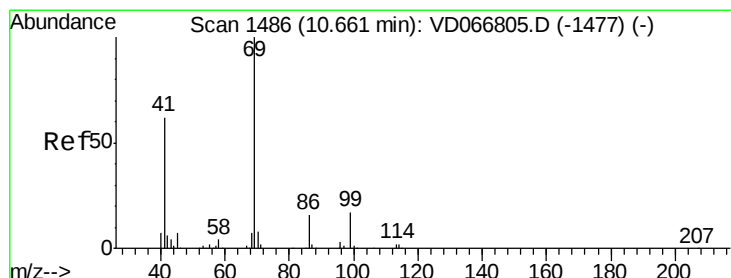
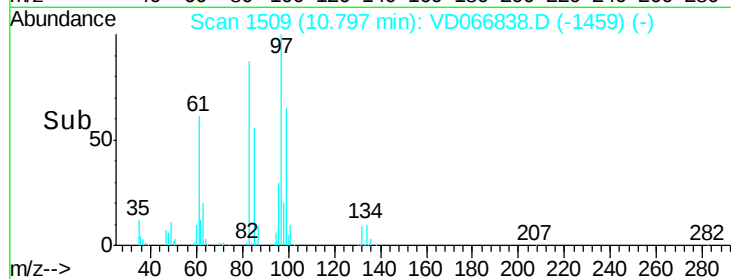
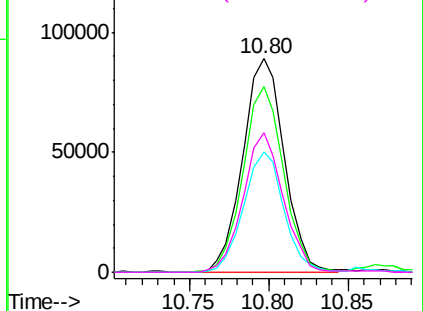
#55
 1,1,2-Trichloroethane
 Concen: 50.323 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	161935
Ion	Ratio	Lower	Upper
97	100		
83	86.5	64.2	96.2
85	56.4	41.9	62.9
99	65.3	47.5	71.3

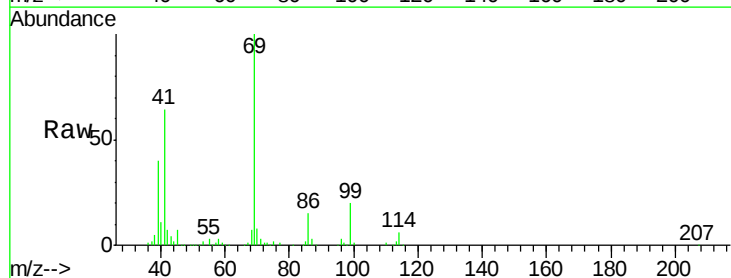


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

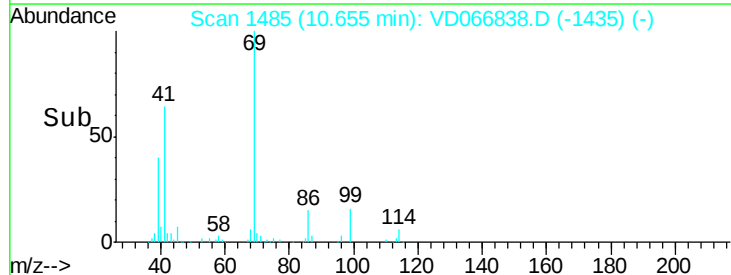
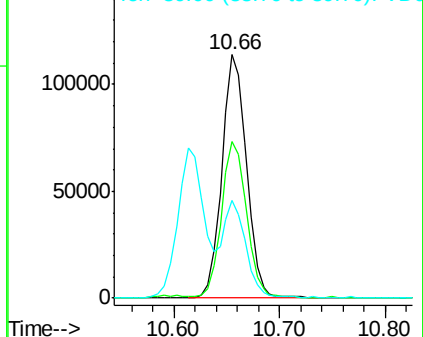


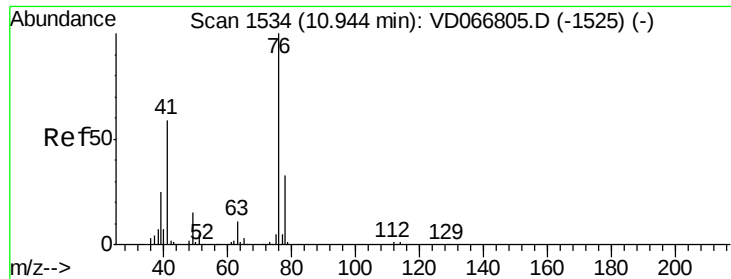
#56
 Ethyl methacrylate
 Concen: 53.528 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion:	69	Resp:	184527
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.2	78.2
39	37.8	26.6	40.0



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

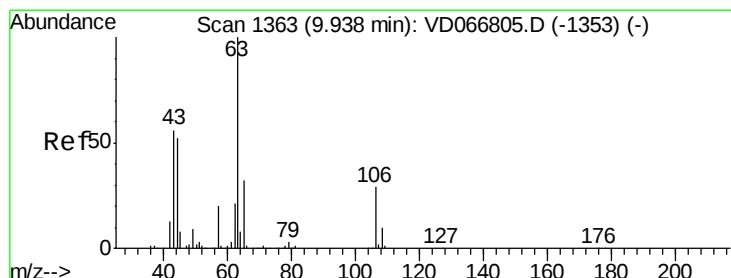
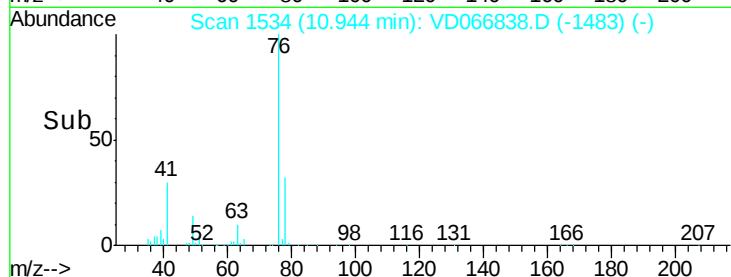
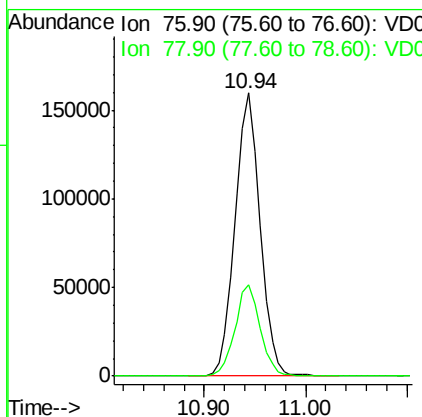
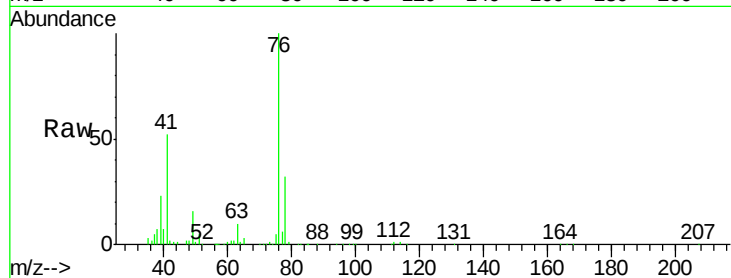




#57
 1,3-Dichloropropane
 Concen: 51.750 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

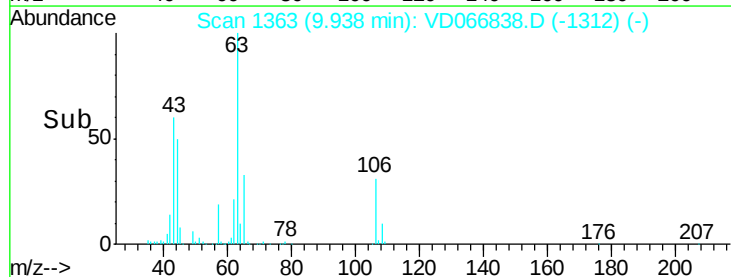
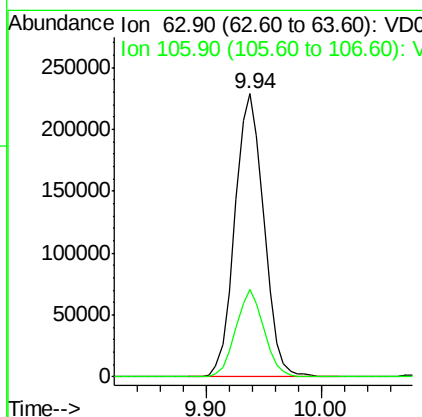
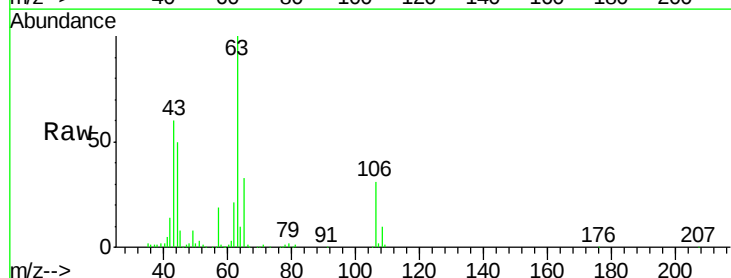
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

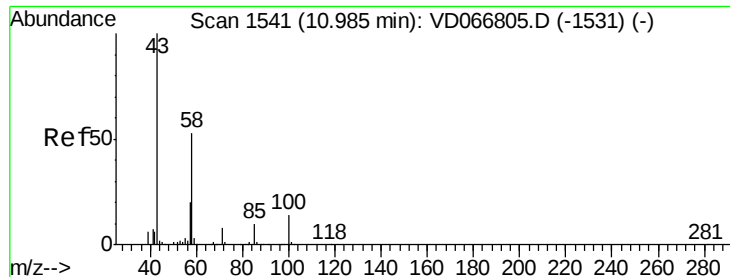
Tgt Ion: 76 Resp: 274977
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.545 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion: 63 Resp: 397532
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.8 35.6

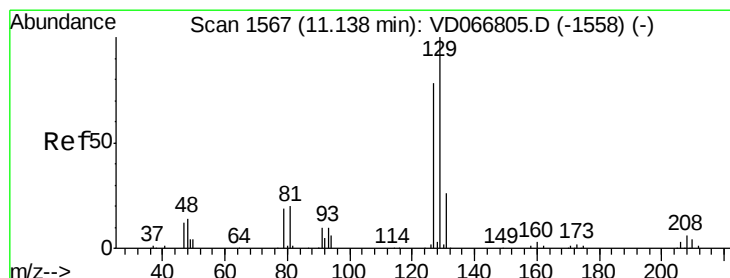
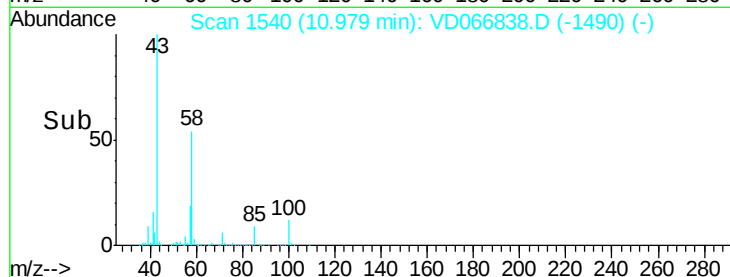
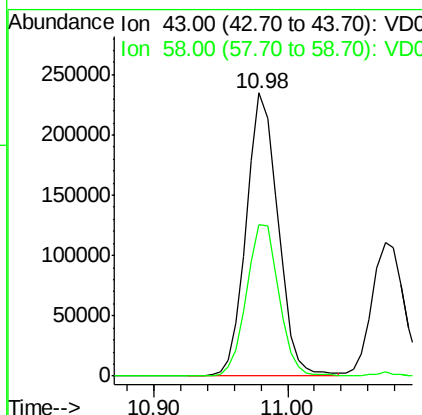
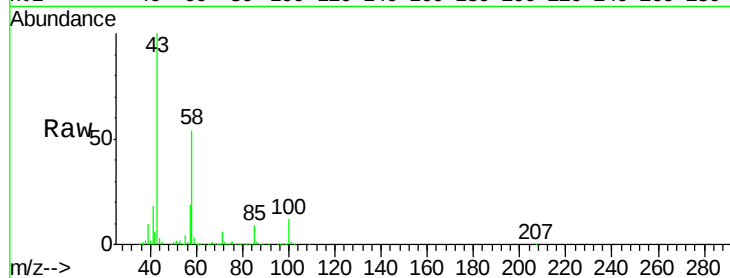




#59
2-Hexanone
Concen: 263.856 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

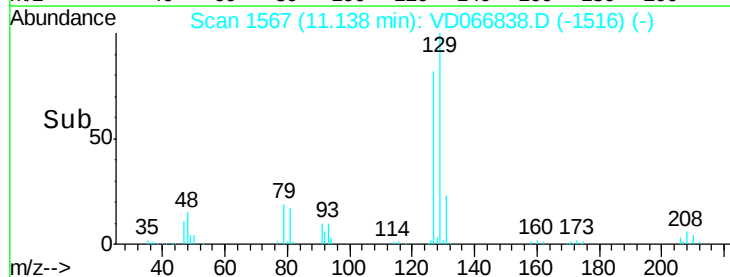
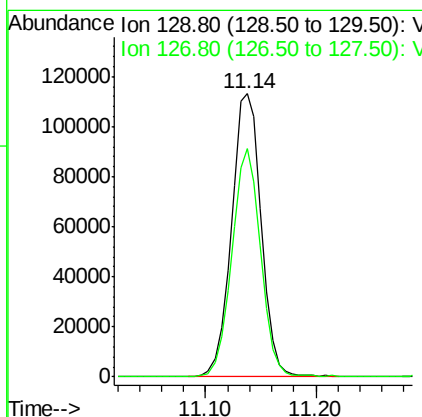
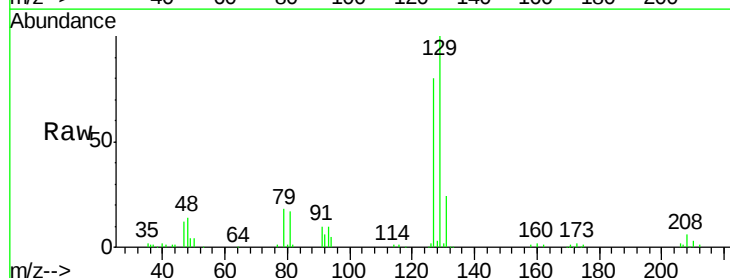
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

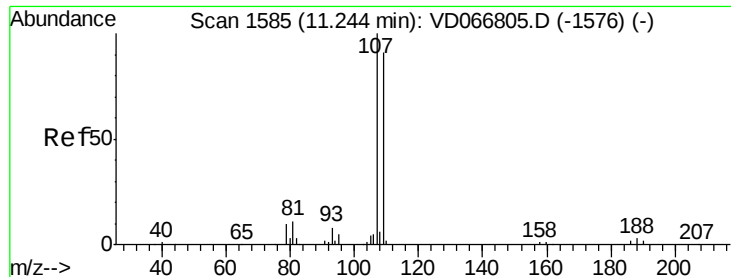
Tgt Ion: 43 Resp: 386095
Ion Ratio Lower Upper
43 100
58 54.7 27.0 80.8



#60
Dibromochloromethane
Concen: 50.663 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 129 Resp: 212774
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

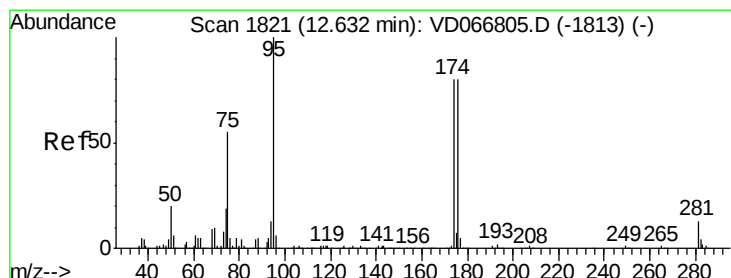
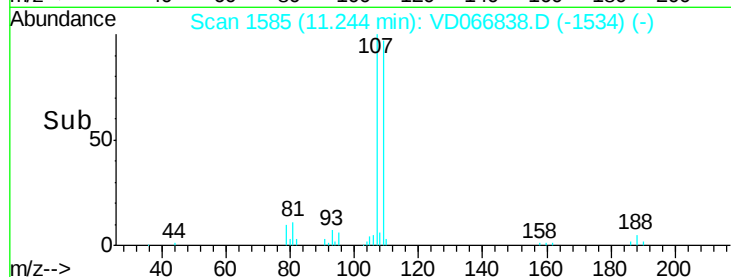
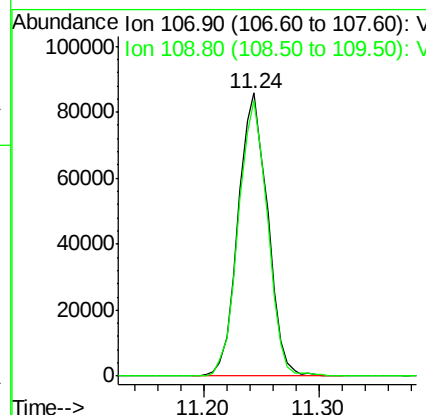
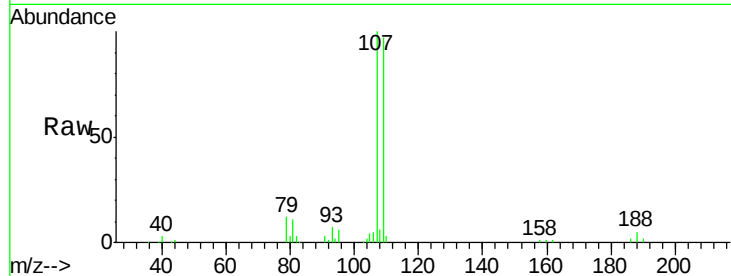




#61
 1,2-Dibromoethane
 Concen: 50.815 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

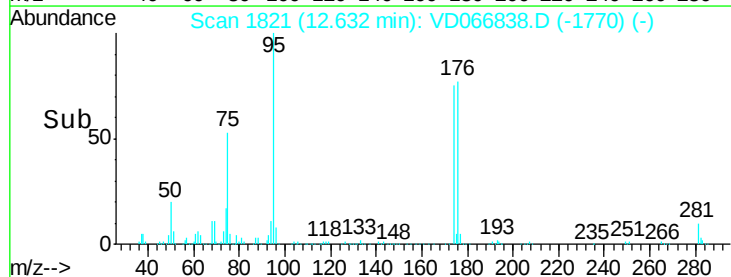
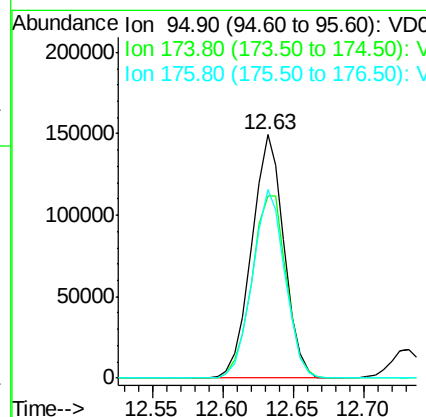
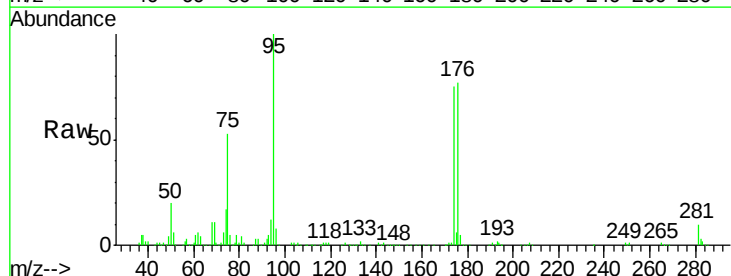
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

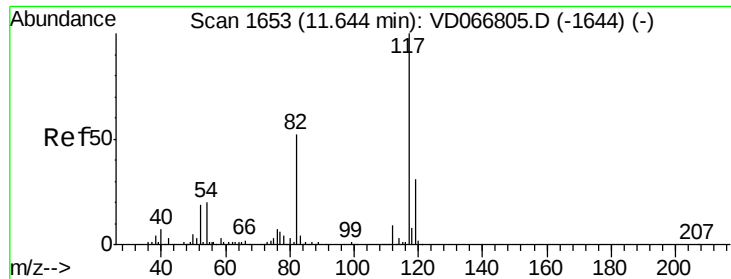
Tgt Ion: 107 Resp: 152093
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 52.306 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion: 95 Resp: 240381
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 159.8
 176 77.7 0.0 154.4

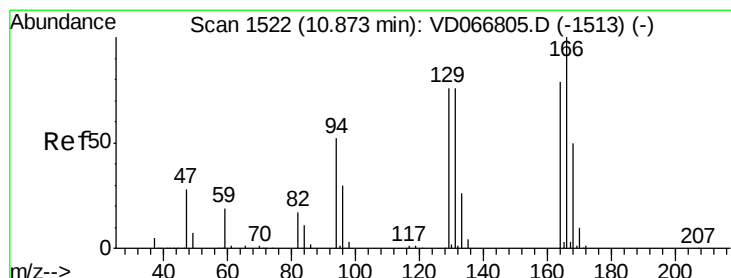
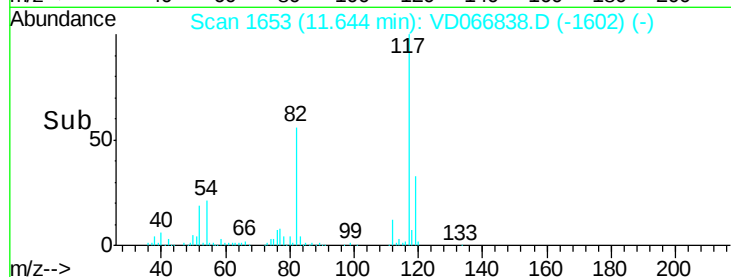
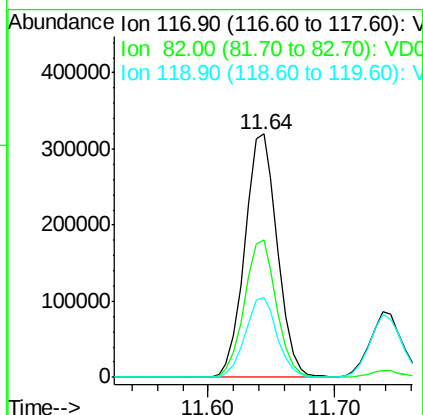
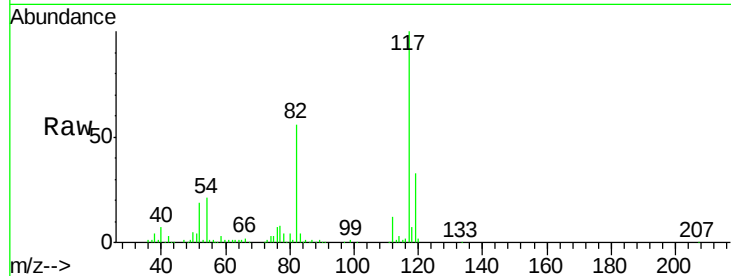




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

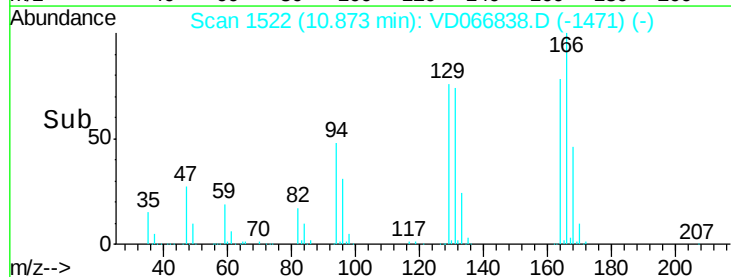
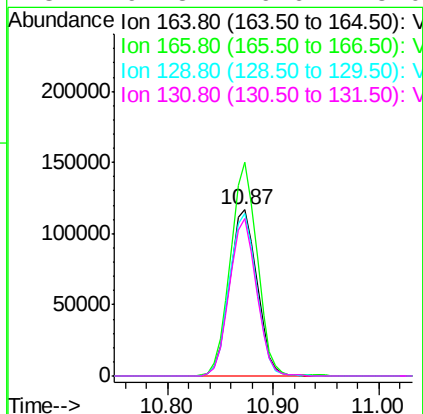
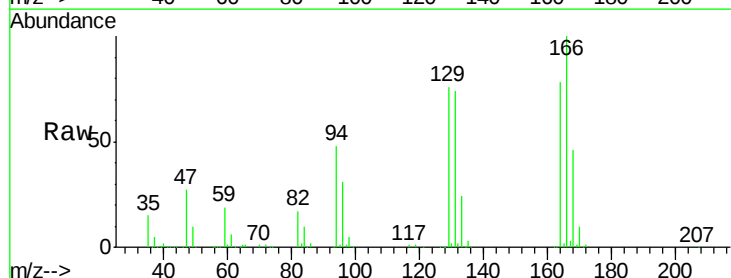
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

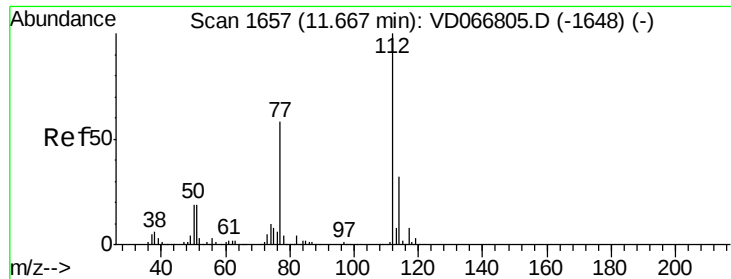
Tgt Ion:117 Resp: 570560
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.6
119 32.6 24.6 37.0



#64
Tetrachloroethene
Concen: 51.450 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion:164 Resp: 211158
Ion Ratio Lower Upper
164 100
166 128.8 101.1 151.7
129 97.9 77.0 115.4
131 94.8 76.6 115.0

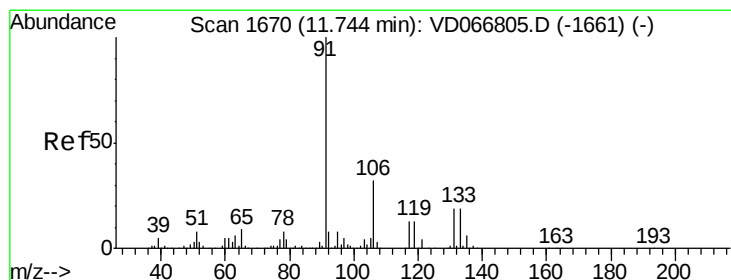
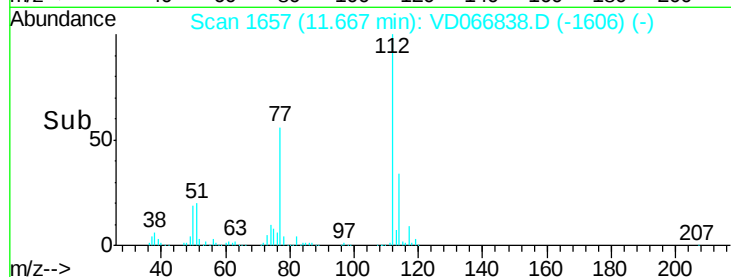
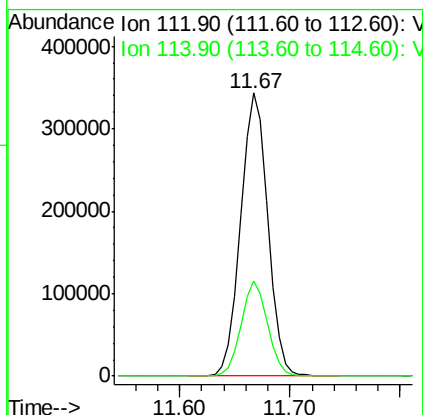
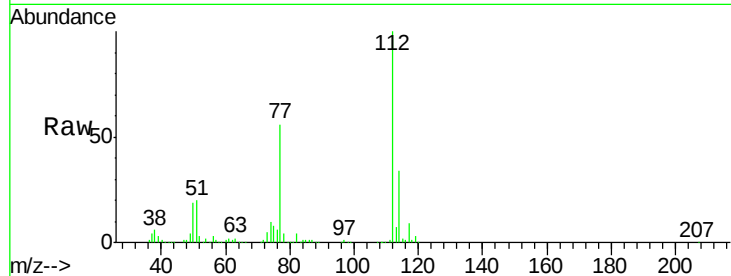




#65
Chlorobenzene
Concen: 50.022 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

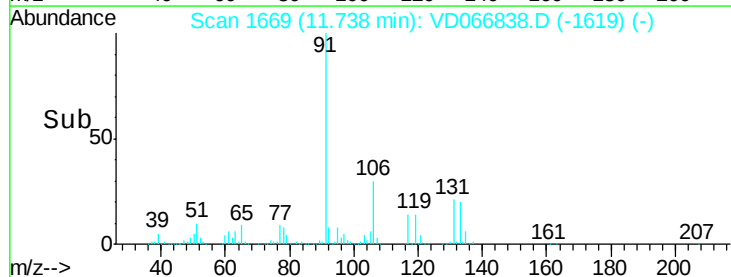
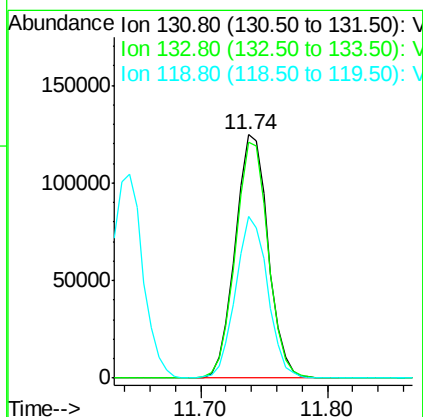
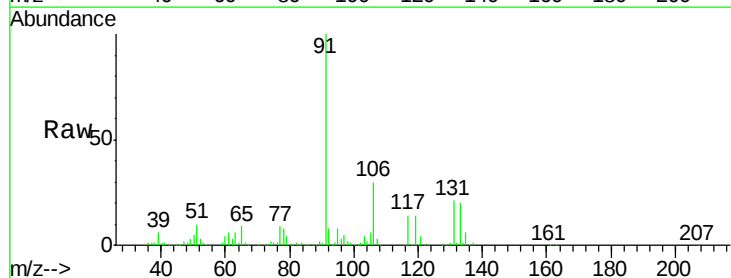
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

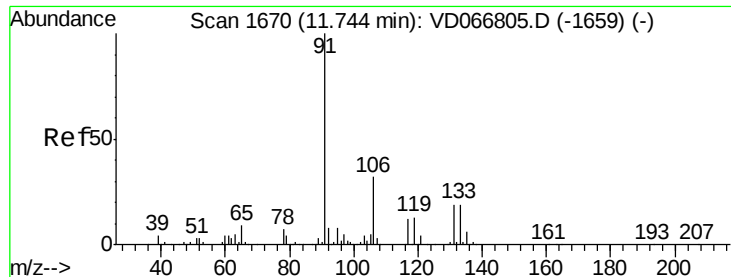
Tgt Ion:112 Resp: 594092
Ion Ratio Lower Upper
112 100
114 33.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.893 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion:131 Resp: 224269
Ion Ratio Lower Upper
131 100
133 96.5 46.7 140.1
119 65.0 32.3 96.9

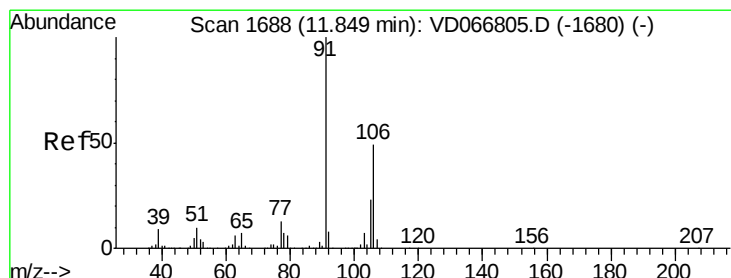
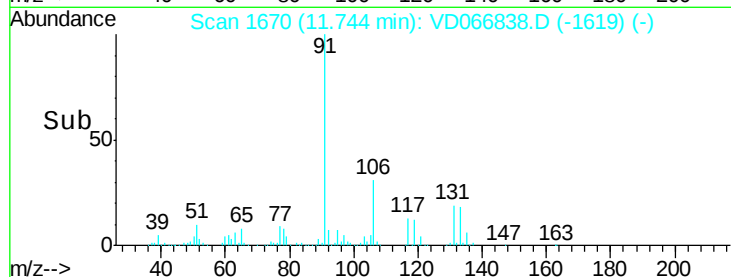
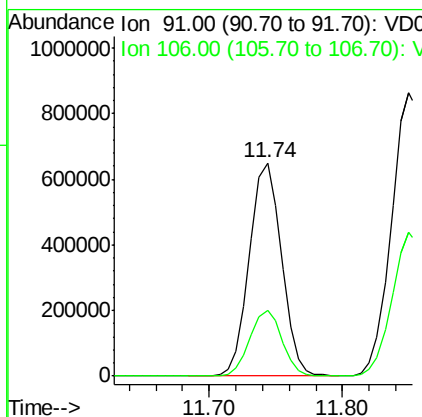
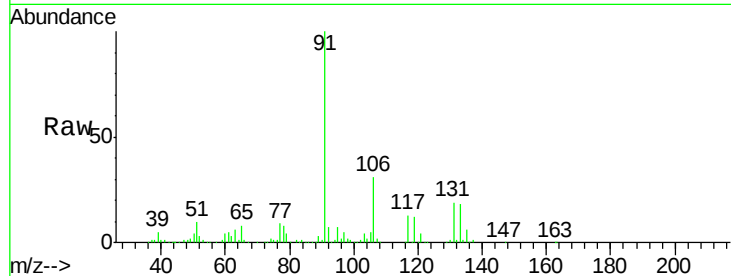




#67
Ethyl Benzene
Concen: 51.927 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

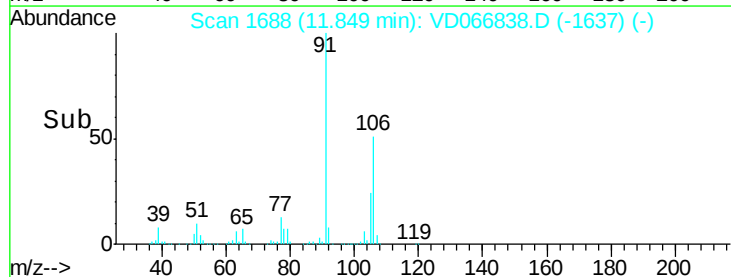
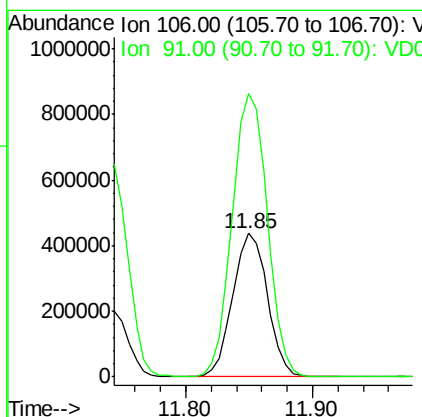
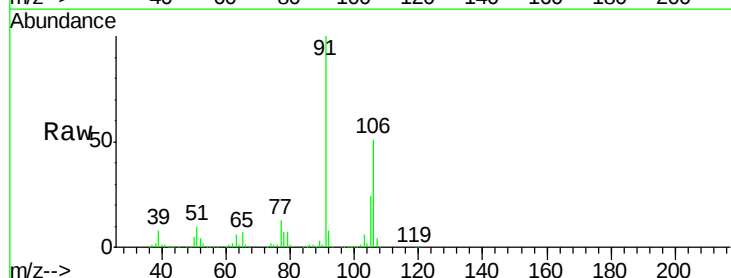
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

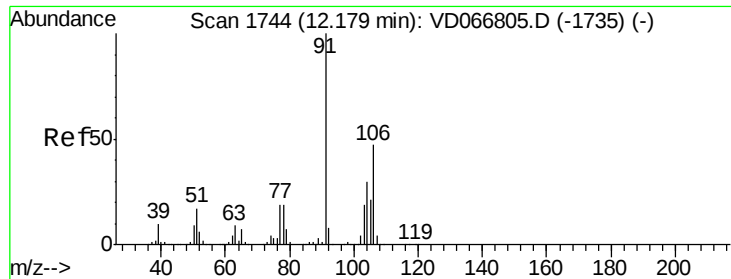
Tgt Ion: 91 Resp: 1083139
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4



#68
m/p-Xylenes
Concen: 105.192 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 106 Resp: 830751
Ion Ratio Lower Upper
106 100
91 200.4 160.7 241.1

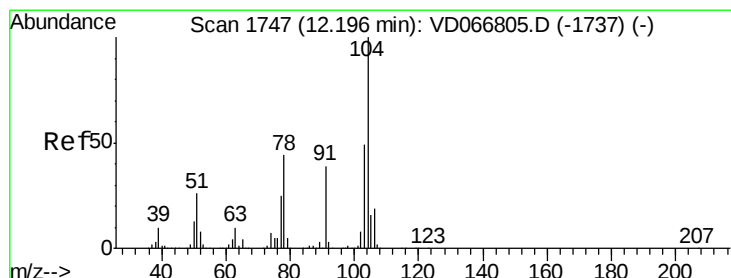
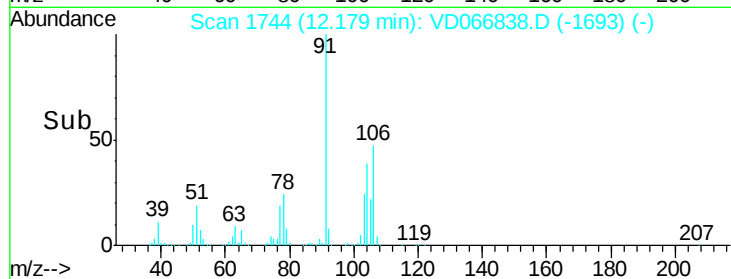
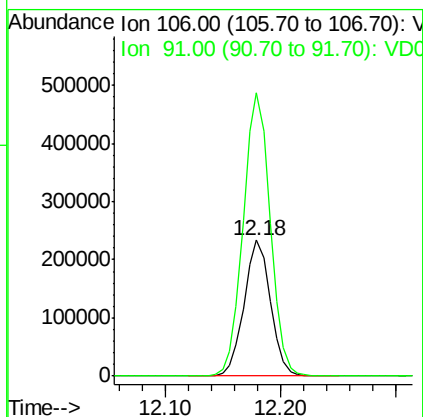
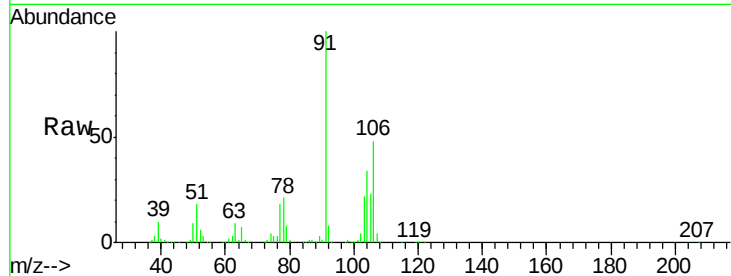




#69
o-Xylene
Concen: 52.094 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

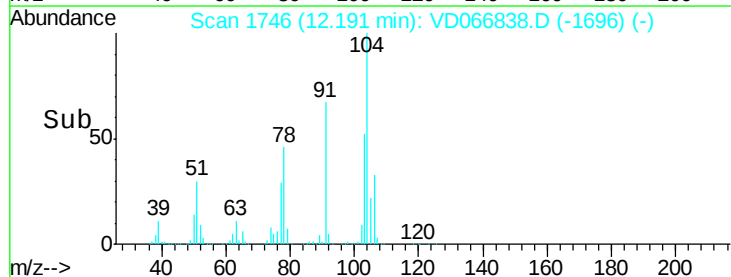
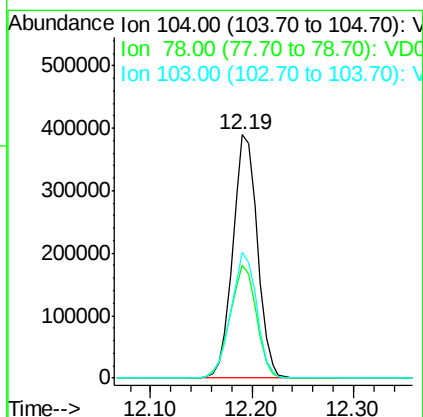
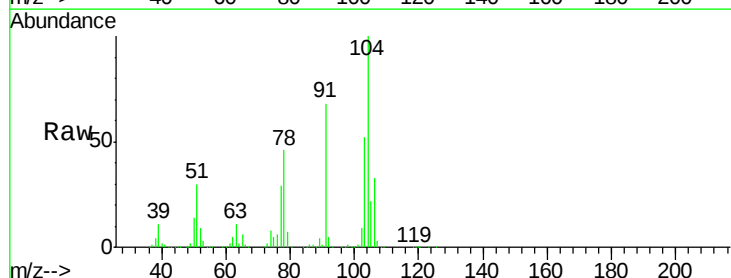
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

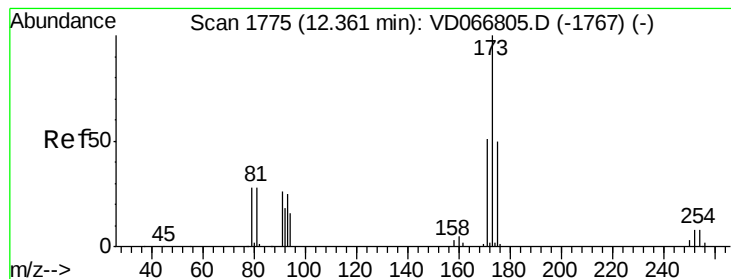
Tgt Ion:106 Resp: 372009
Ion Ratio Lower Upper
106 100
91 212.2 106.3 318.8



#70
Styrene
Concen: 52.942 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion:104 Resp: 656554
Ion Ratio Lower Upper
104 100
78 49.8 38.9 58.3
103 54.1 43.2 64.8





#71

Bromoform

Concen: 49.713 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

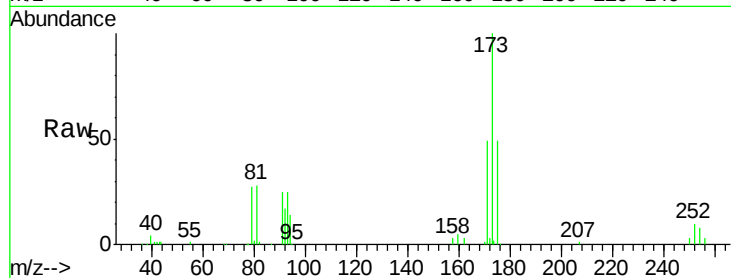
Tgt Ion:173 Resp: 113141

Ion Ratio Lower Upper

173 100

175 48.7 24.9 74.6

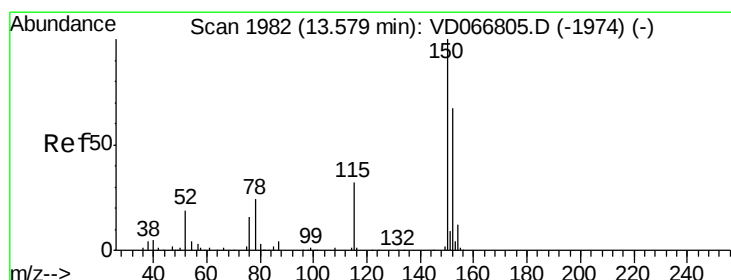
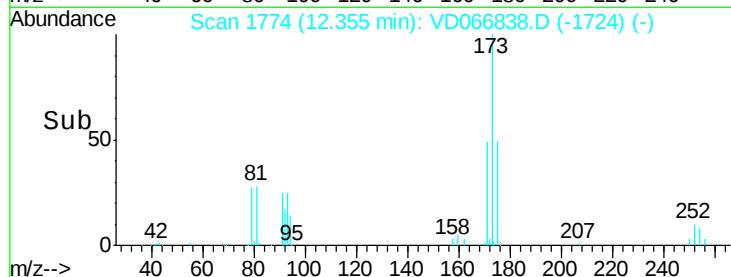
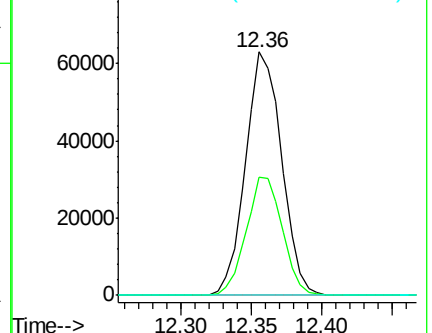
254 0.0 0.1 0.1#



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: VD066838.D

Acq: 23 Sep 2020 17:00

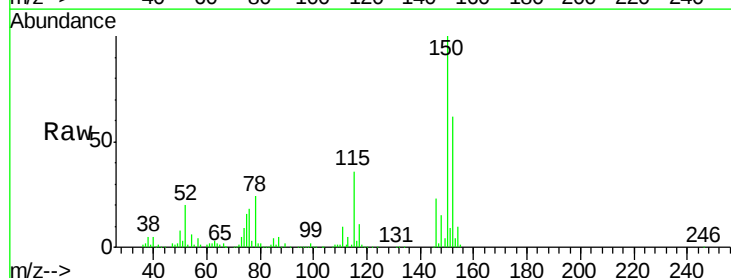
Tgt Ion:152 Resp: 276700

Ion Ratio Lower Upper

152 100

115 58.8 30.3 91.0

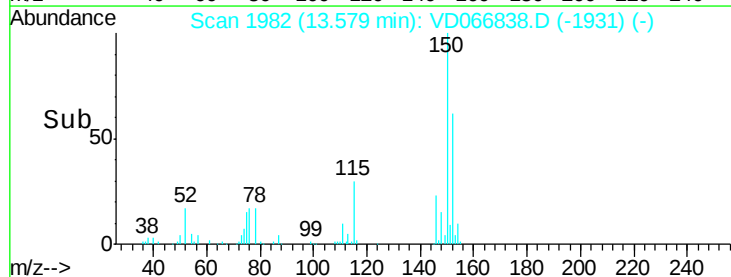
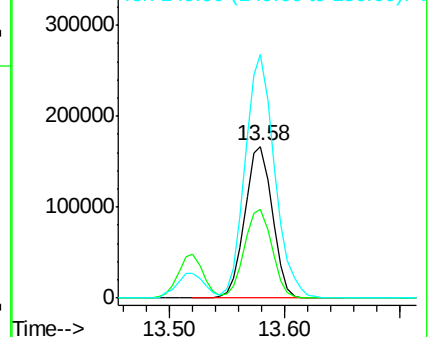
150 171.1 0.0 346.2

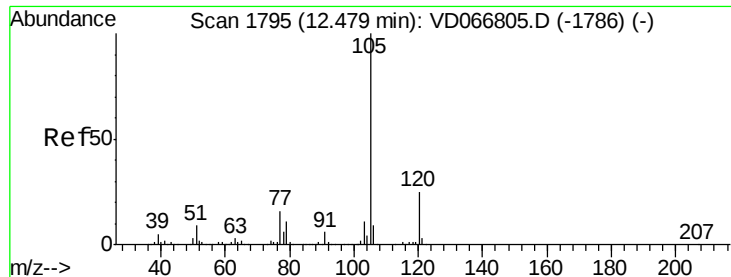


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.579 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

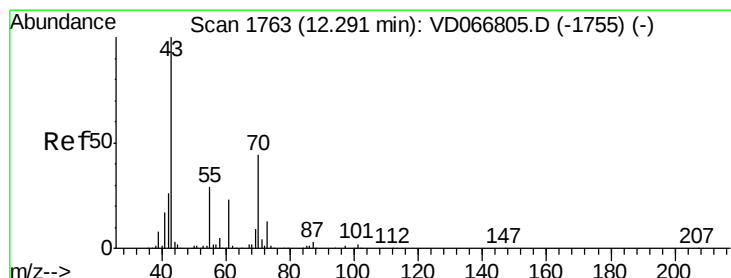
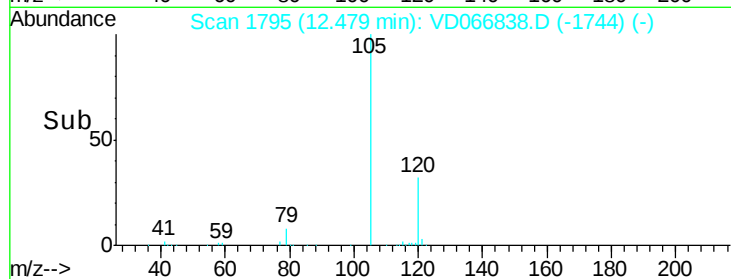
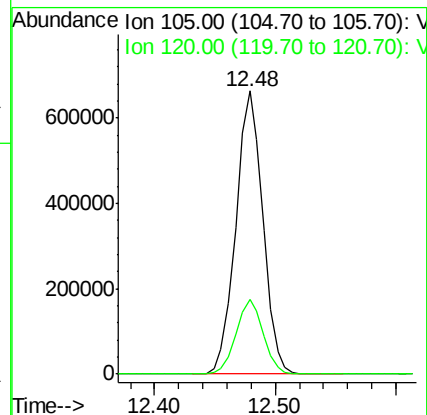
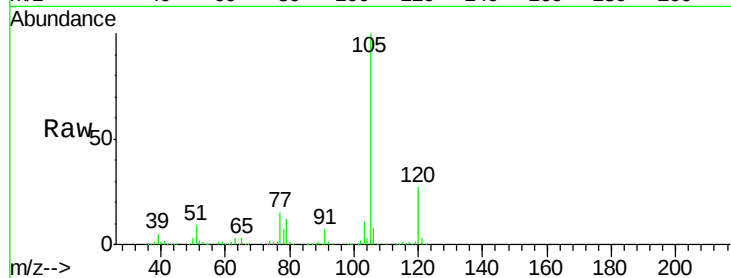
VSTDCCC050EC

Tgt Ion:105 Resp: 1031003

Ion Ratio Lower Upper

105 100

120 26.7 12.9 38.6



#74

N-ethyl acetate

Concen: 50.090 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion: 43 Resp: 195526

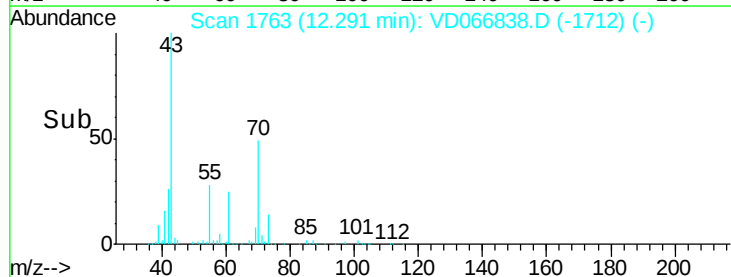
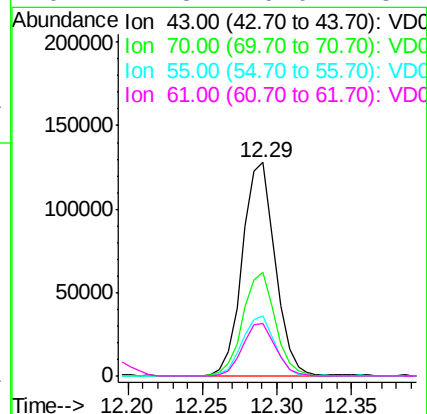
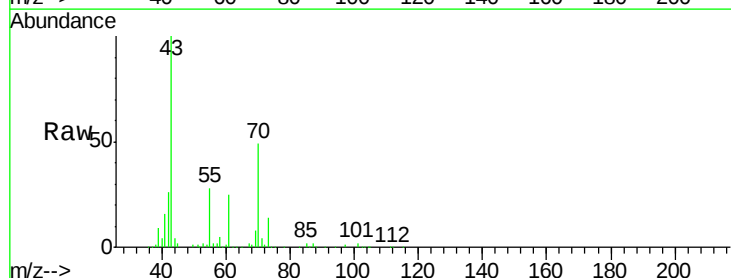
Ion Ratio Lower Upper

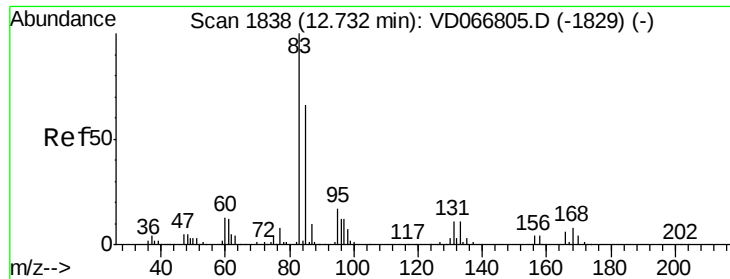
43 100

70 48.1 36.1 54.1

55 27.8 21.8 32.8

61 24.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.165 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

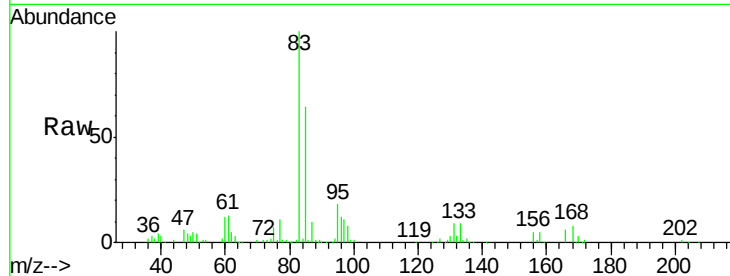
Tgt Ion: 83 Resp: 169577

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.7

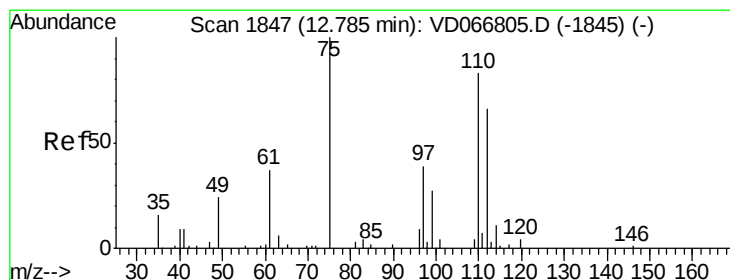
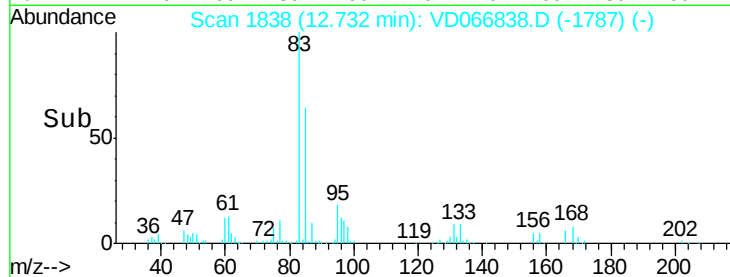
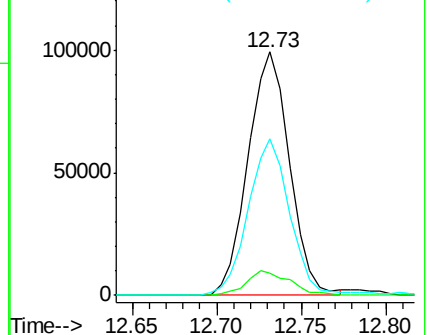
85 64.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 99.134 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066838.D

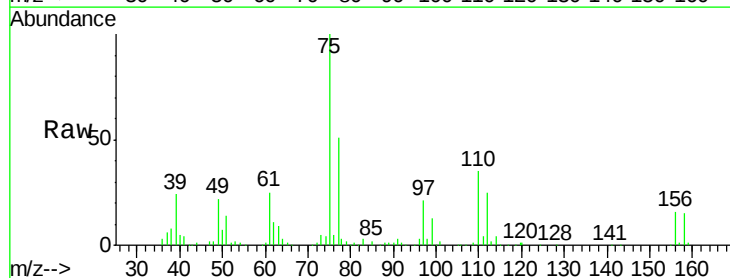
Acq: 23 Sep 2020 17:00

Tgt Ion: 75 Resp: 227321

Ion Ratio Lower Upper

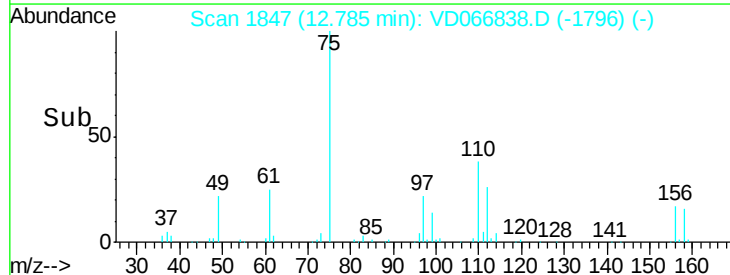
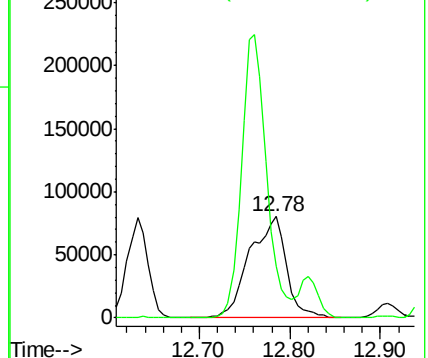
75 100

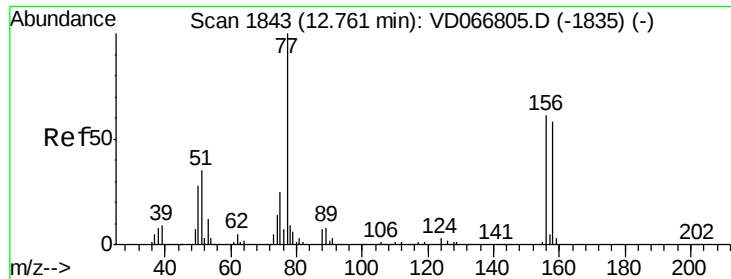
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

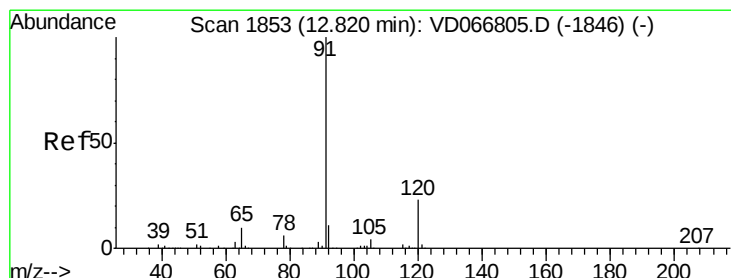
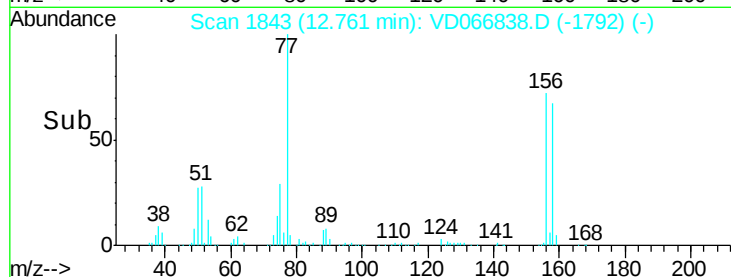
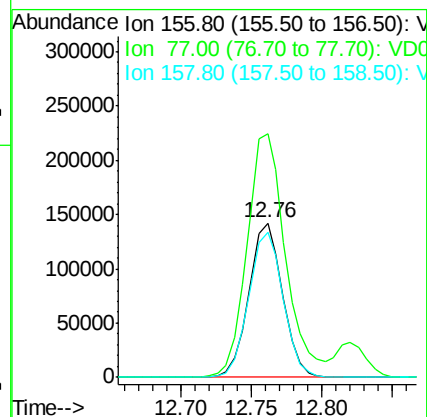
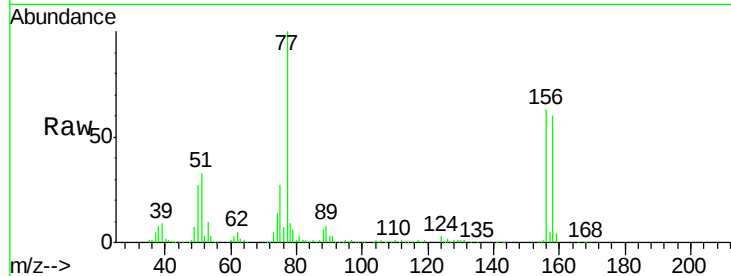




#77
Bromobenzene
Concen: 50.634 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

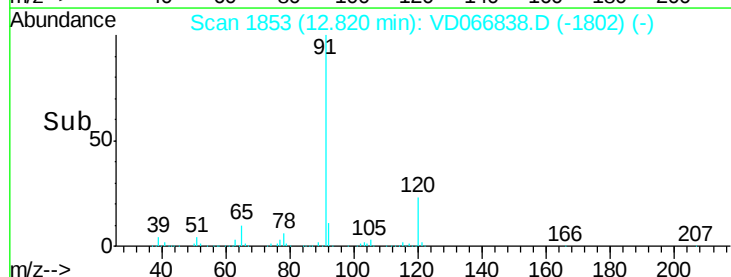
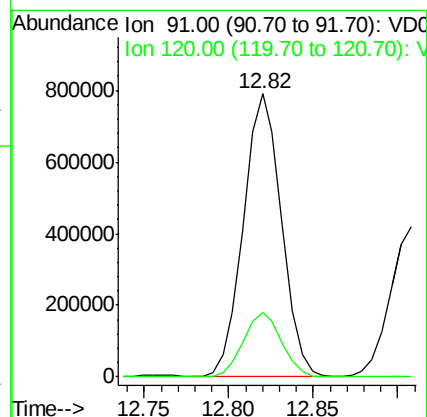
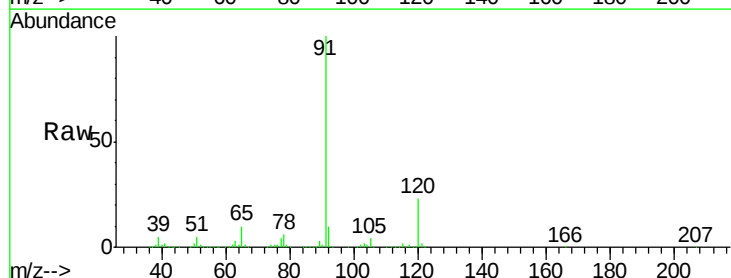
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

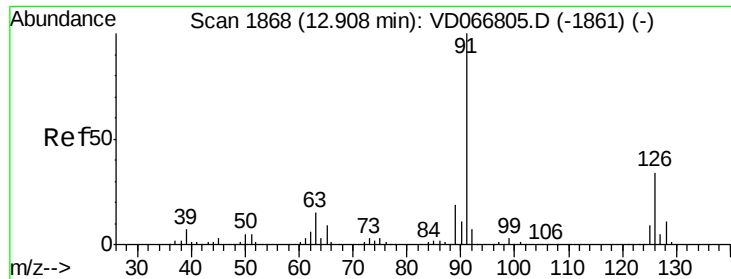
Tgt Ion: 156 Resp: 236709
Ion Ratio Lower Upper
156 100
77 181.8 92.3 276.9
158 96.5 47.6 142.9



#78
n-propylbenzene
Concen: 51.365 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 91 Resp: 1235187
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.2

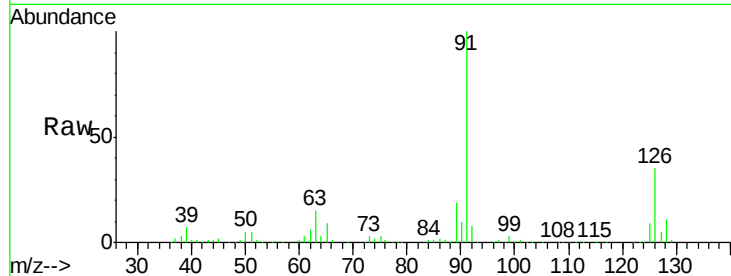




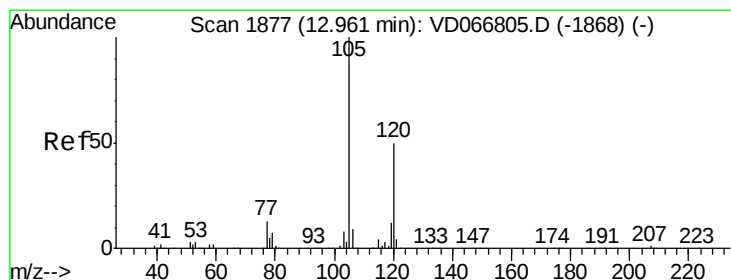
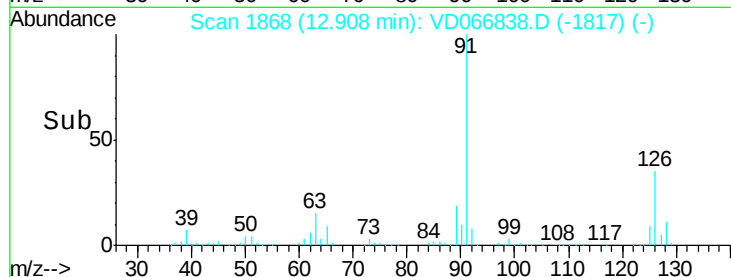
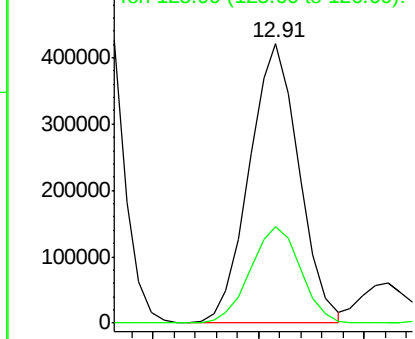
#79
 2-Chlorotoluene
 Concen: 50.200 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 687913
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.0 51.0

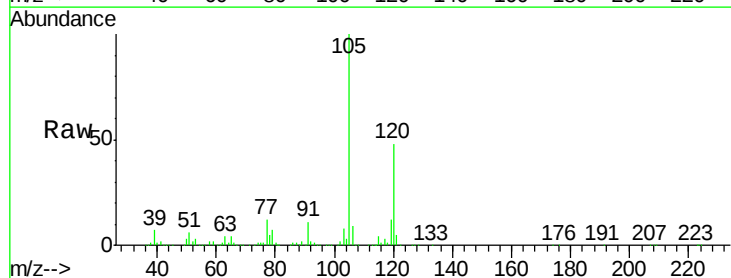


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.90 (125.60 to 126.60): V

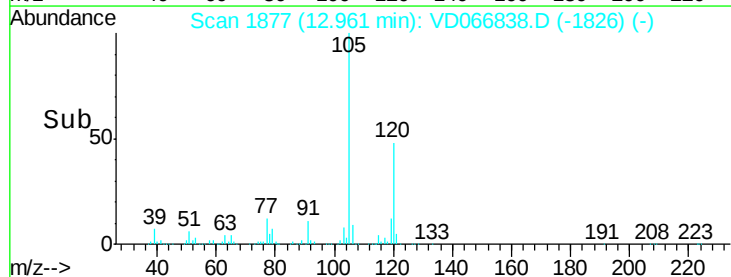
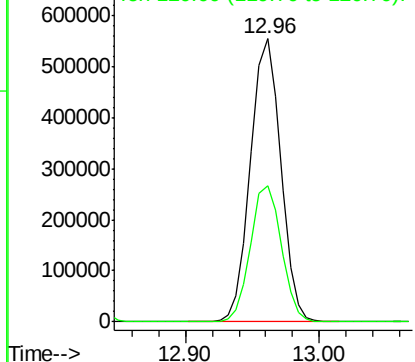


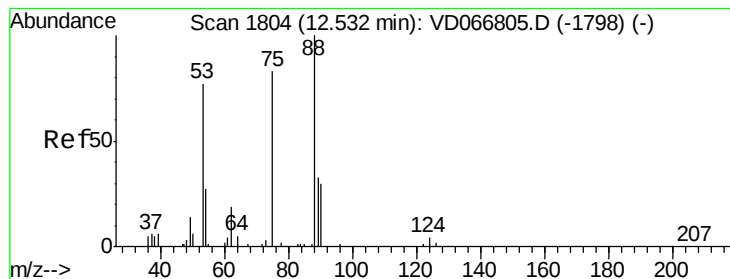
#80
 1,3,5-Trimethylbenzene
 Concen: 51.111 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion: 105 Resp: 866877
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 41.112 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

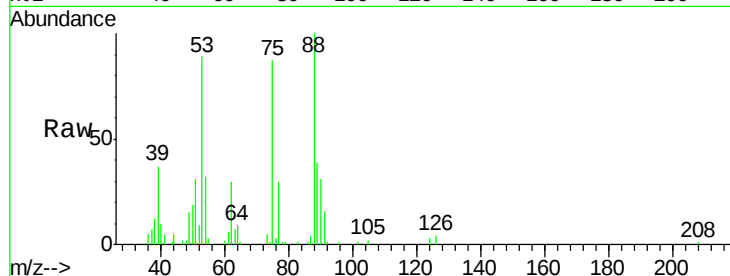
Tgt Ion: 75 Resp: 37680

Ion Ratio Lower Upper

75 100

53 100.2 78.5 117.7

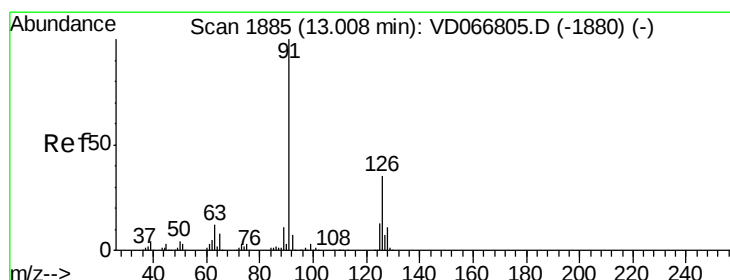
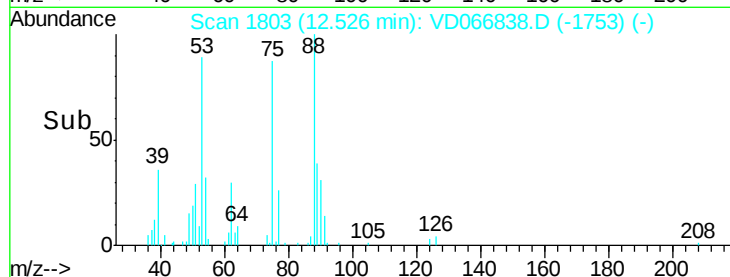
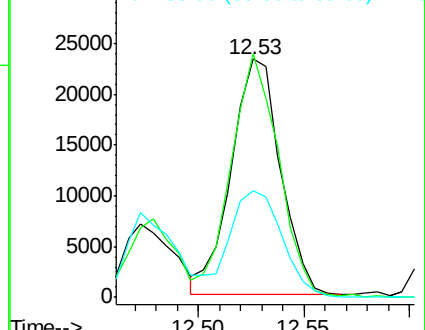
89 48.0 38.1 57.1



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: 51.275 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066838.D

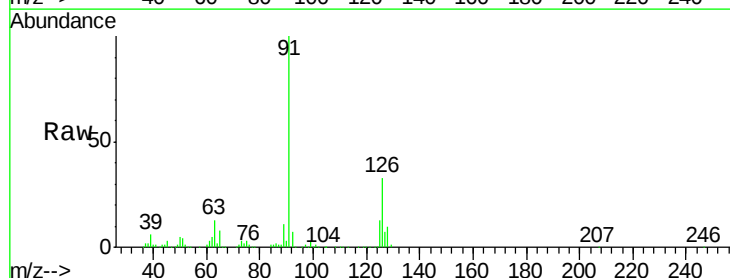
Acq: 23 Sep 2020 17:00

Tgt Ion: 91 Resp: 740686

Ion Ratio Lower Upper

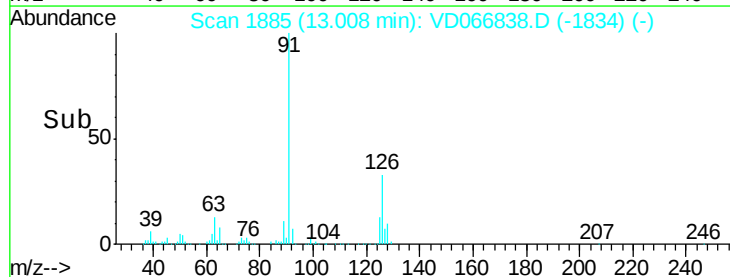
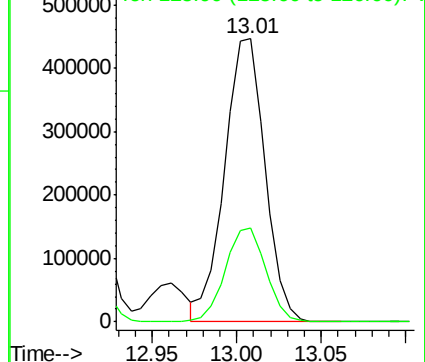
91 100

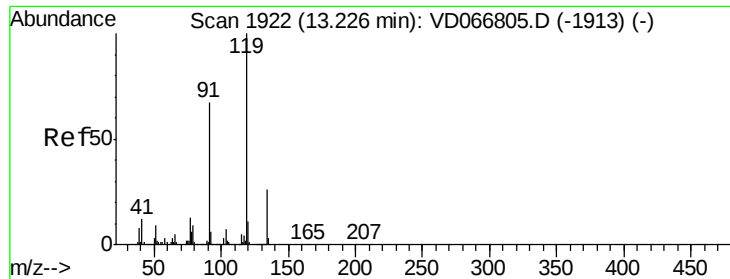
126 33.4 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

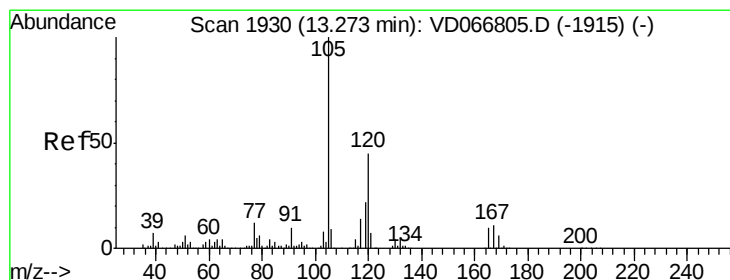
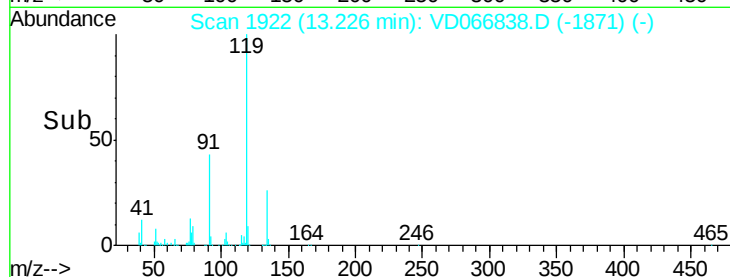
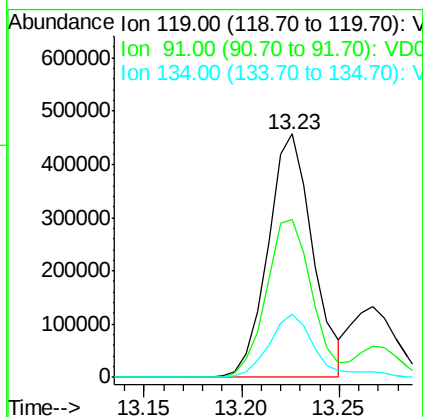
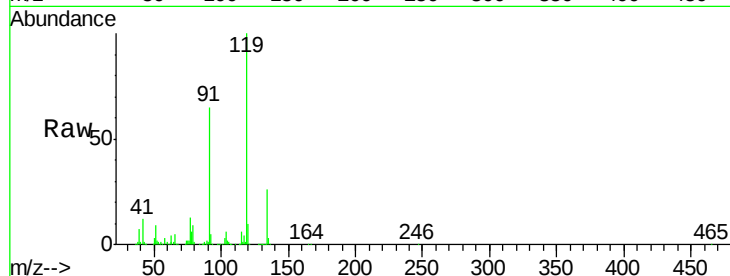




#83
 tert-Butylbenzene
 Concen: 51.997 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

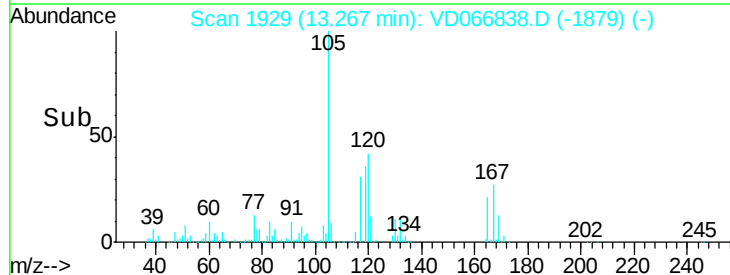
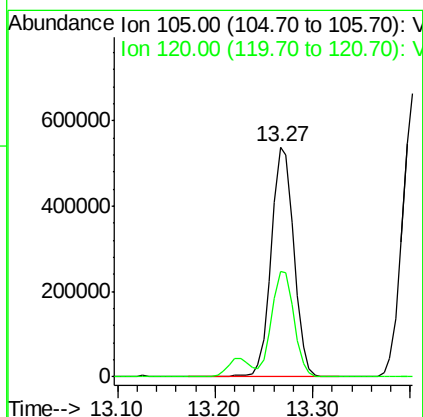
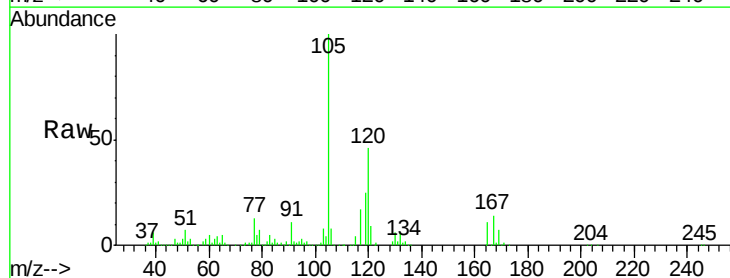
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

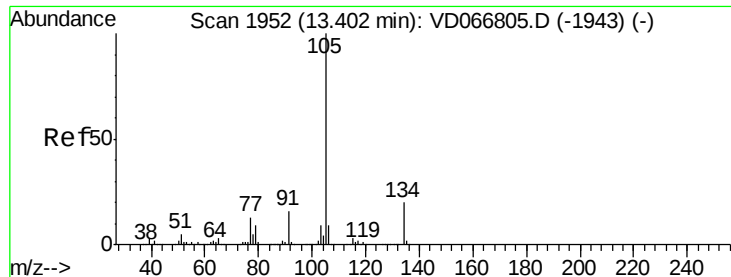
Tgt Ion:119 Resp: 724684
 Ion Ratio Lower Upper
 119 100
 91 65.7 33.6 100.8
 134 27.2 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.012 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion:105 Resp: 874761
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.9

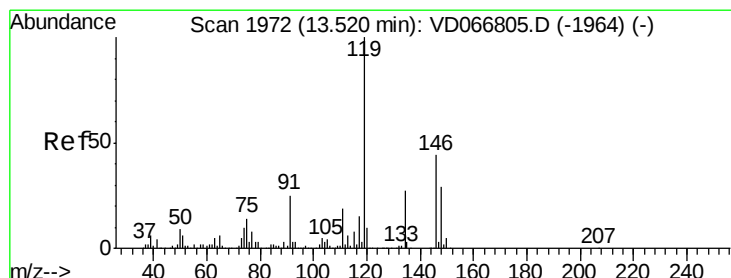
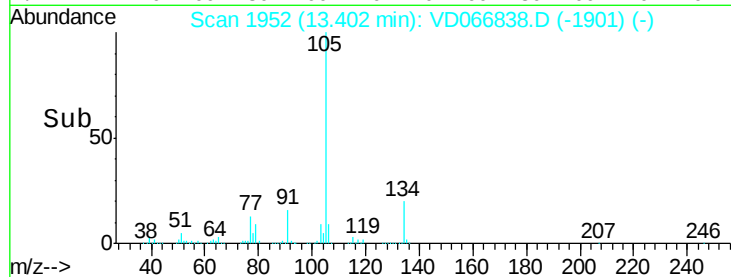
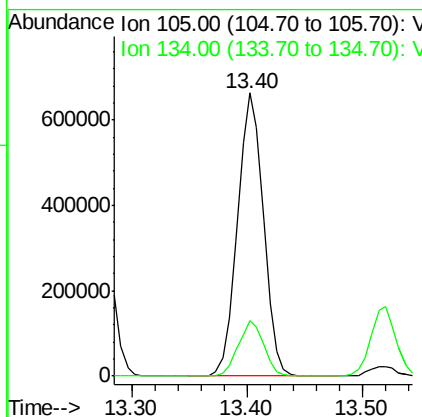
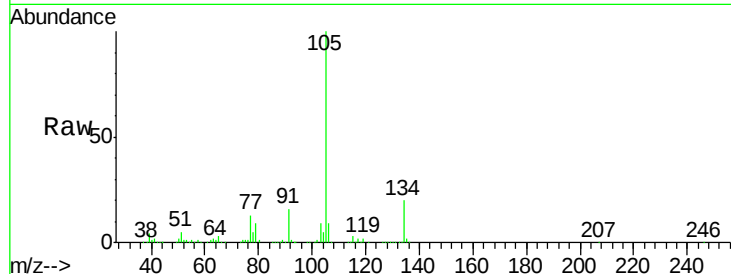




#85
 sec-Butylbenzene
 Concen: 51.371 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

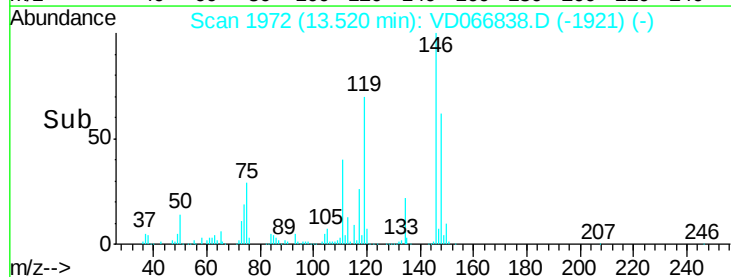
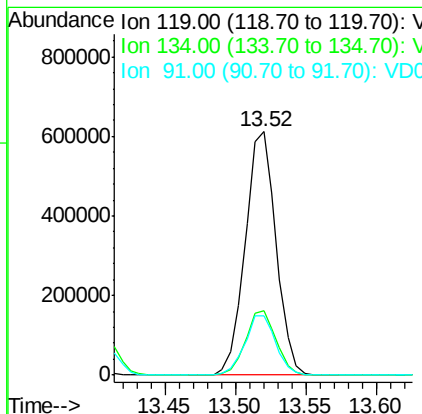
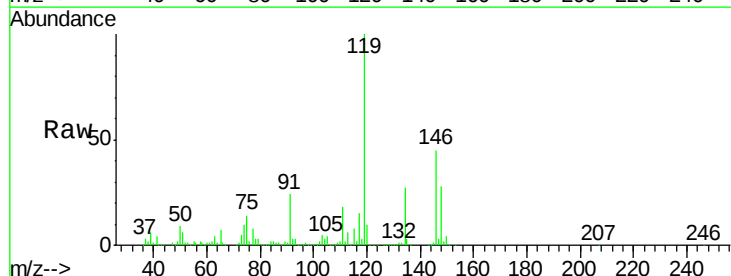
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

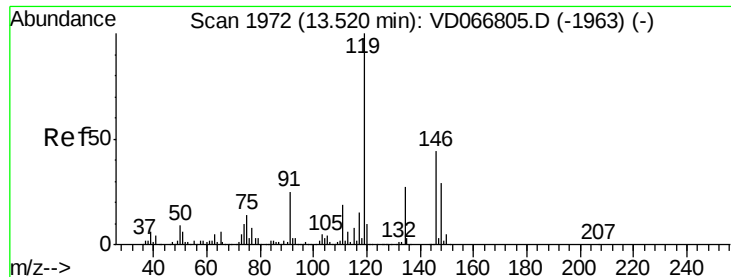
Tgt Ion:105 Resp: 1029545
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 51.775 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion:119 Resp: 935328
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 24.6 12.0 36.1

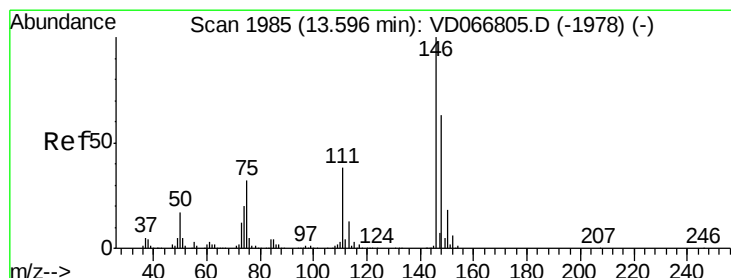
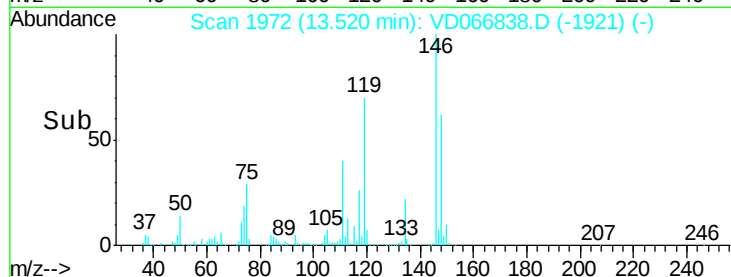
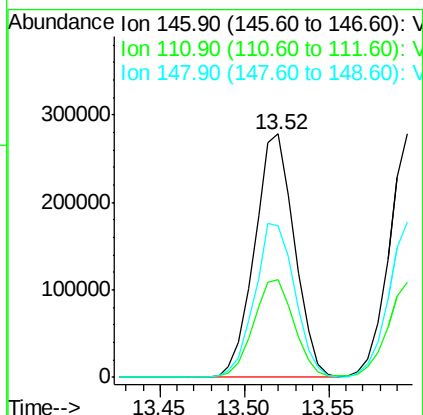
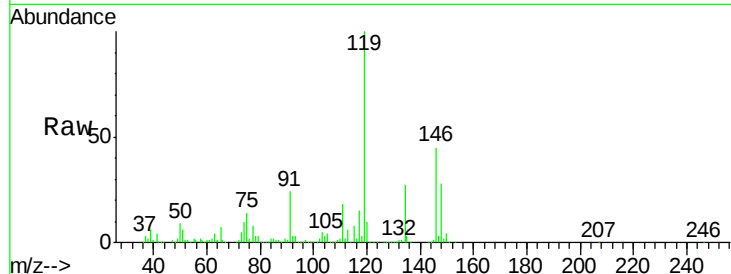




#87
 1,3-Dichlorobenzene
 Concen: 49.293 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

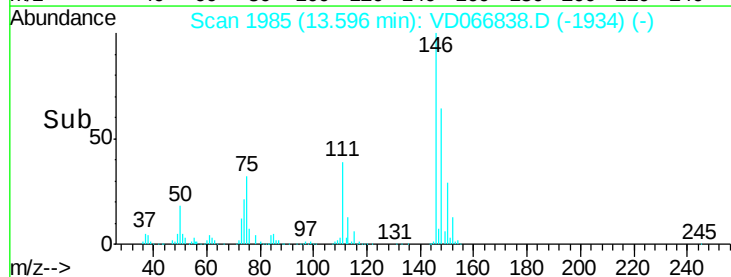
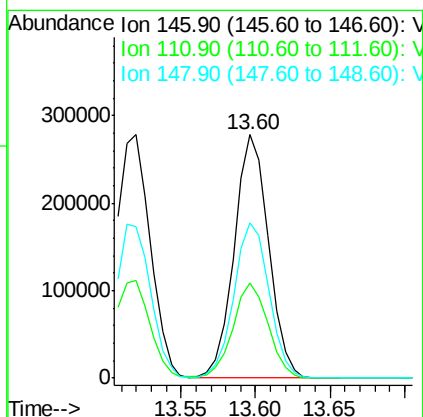
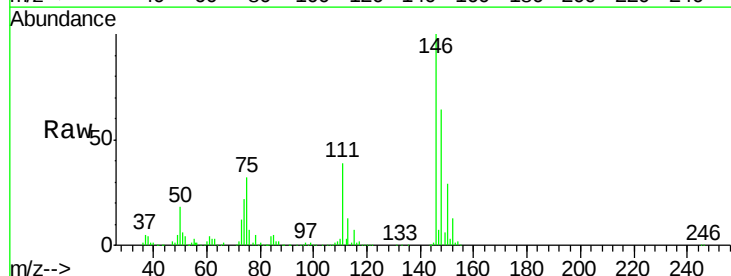
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

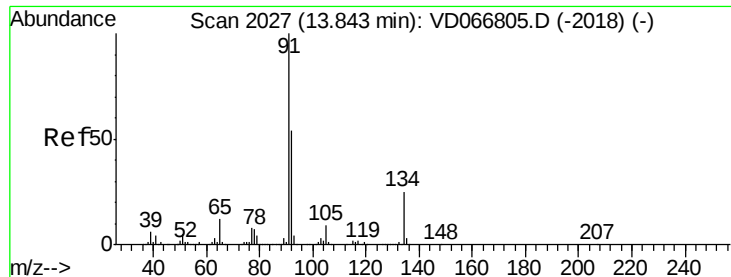
Tgt Ion:146 Resp: 455275
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.3 60.9
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.529 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion:146 Resp: 445166
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.2 60.5
 148 65.4 31.6 94.7

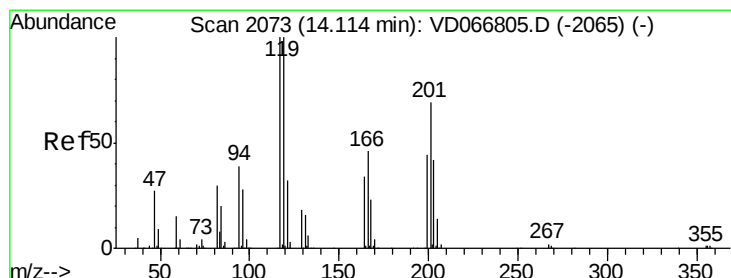
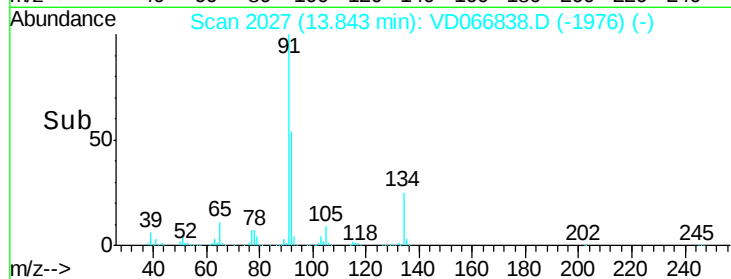
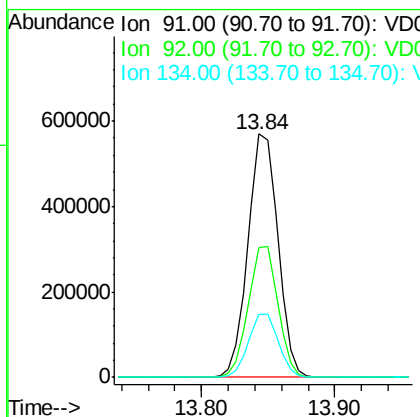
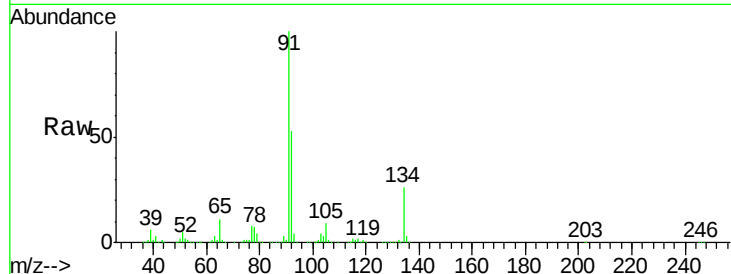




#89
n-Butylbenzene
Concen: 51.280 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

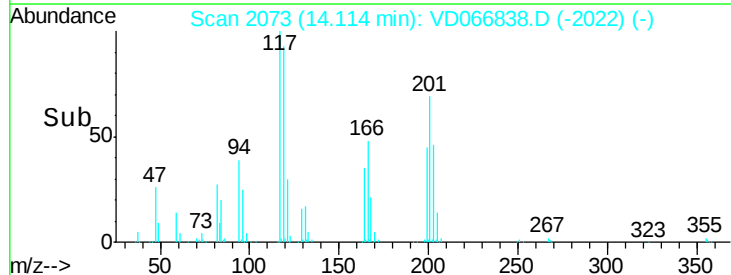
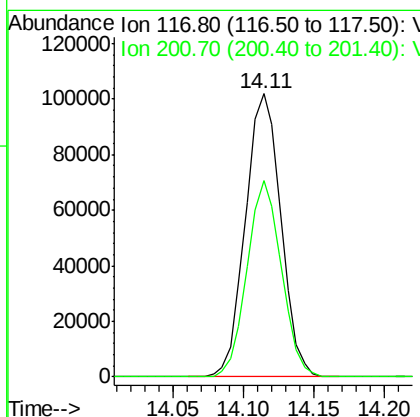
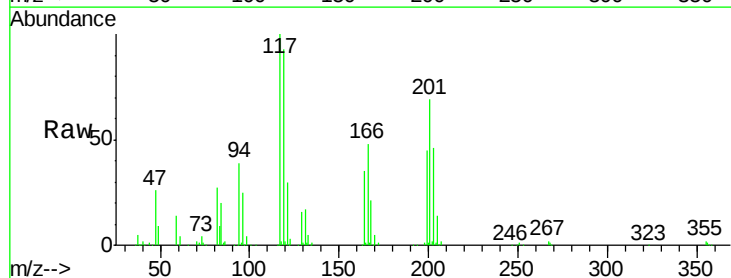
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

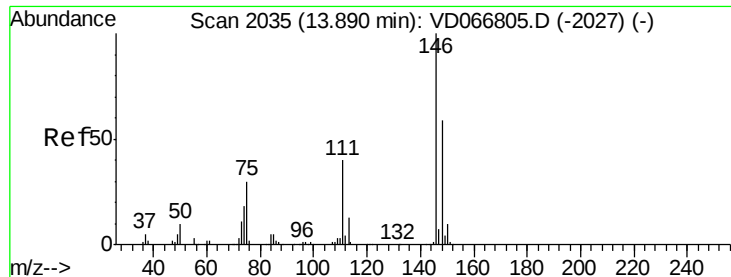
Tgt Ion: 91 Resp: 880521
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.0
134 26.0 13.1 39.1



#90
Hexachloroethane
Concen: 49.098 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 117 Resp: 180073
Ion Ratio Lower Upper
117 100
201 66.9 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 49.833 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

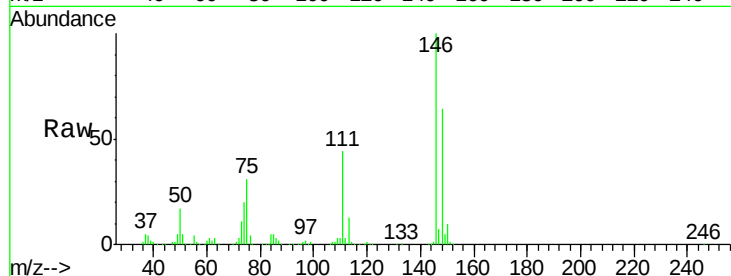
Tgt Ion:146 Resp: 393772

Ion Ratio Lower Upper

146 100

111 43.0 20.9 62.7

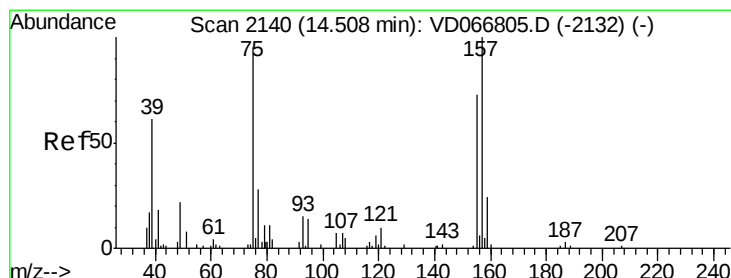
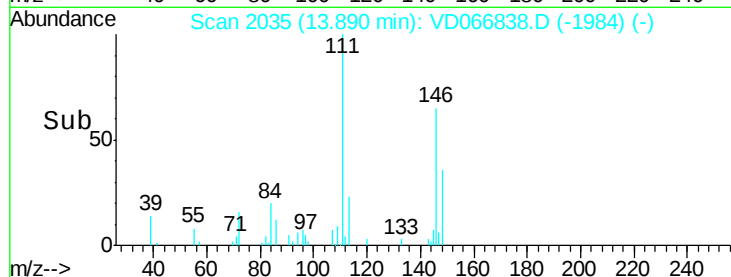
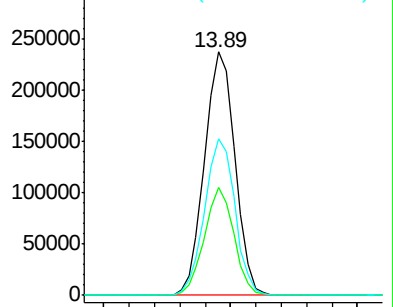
148 64.0 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.224 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

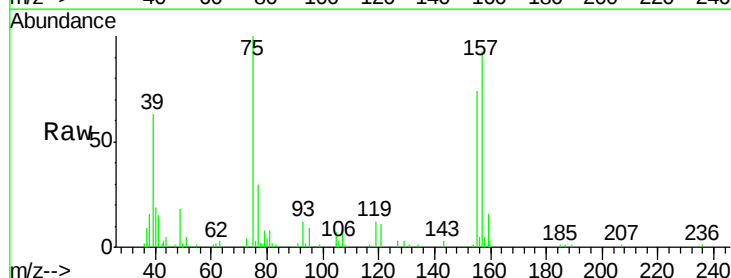
Tgt Ion: 75 Resp: 27312

Ion Ratio Lower Upper

75 100

155 82.9 40.4 121.2

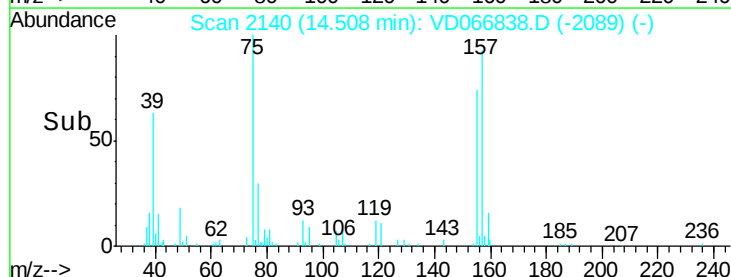
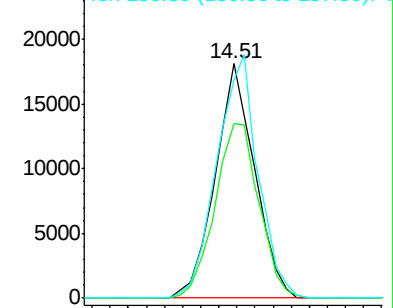
157 108.5 51.3 153.9

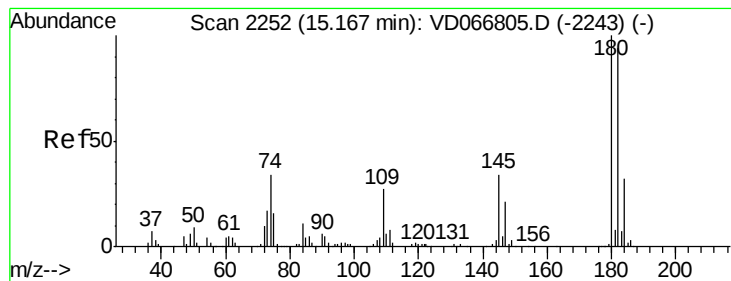


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 51.108 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

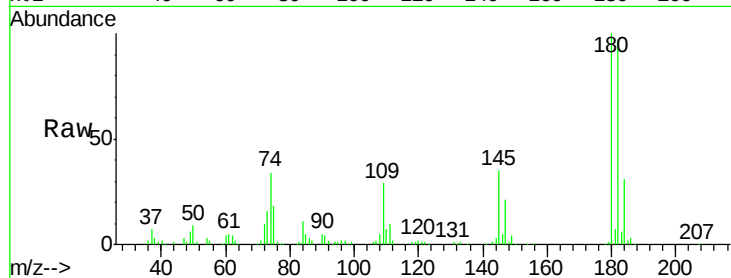
Tgt Ion:180 Resp: 254225

Ion Ratio Lower Upper

180 100

182 96.4 48.8 146.3

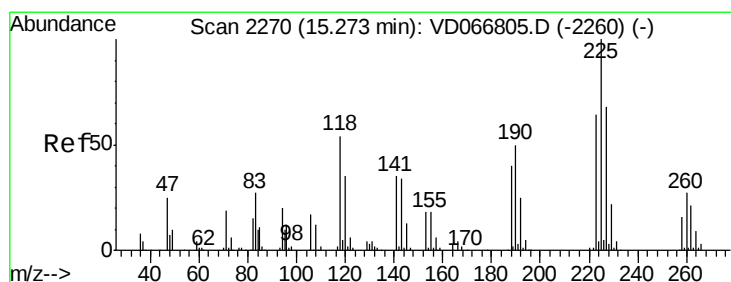
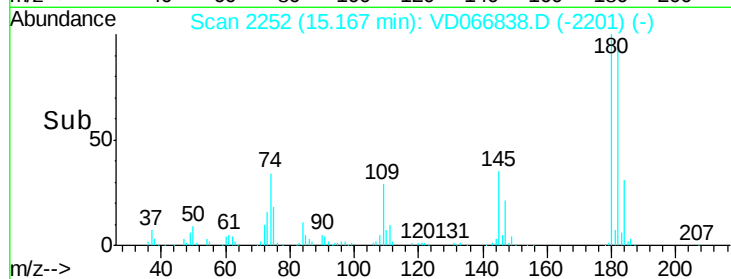
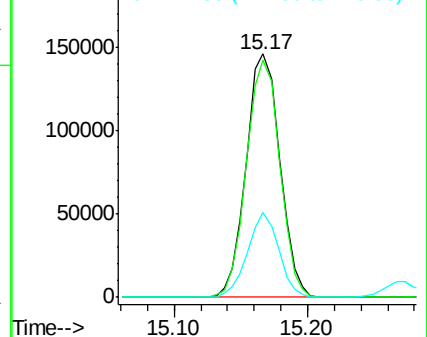
145 32.2 16.7 50.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 51.124 ug/l

RT: 15.27 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

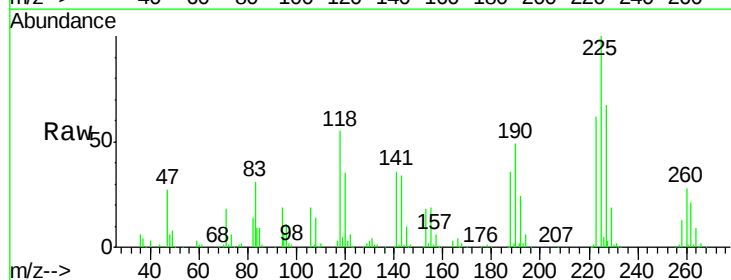
Tgt Ion:225 Resp: 152390

Ion Ratio Lower Upper

225 100

223 61.4 31.1 93.3

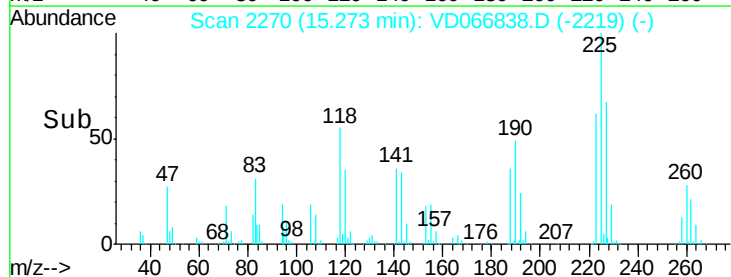
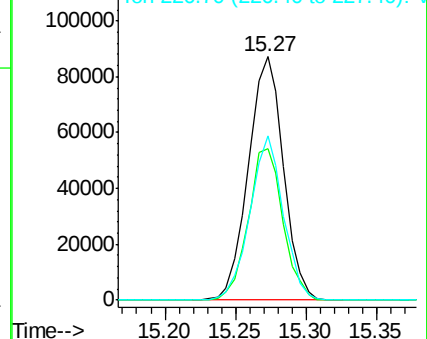
227 64.1 31.7 95.1

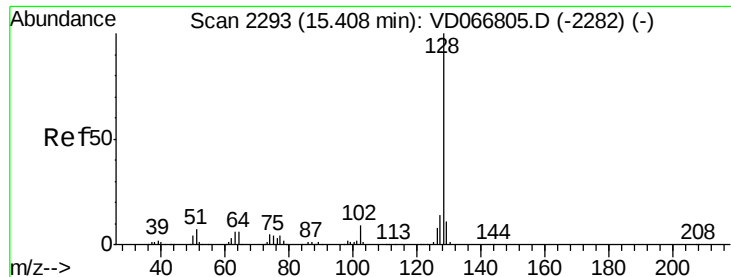


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

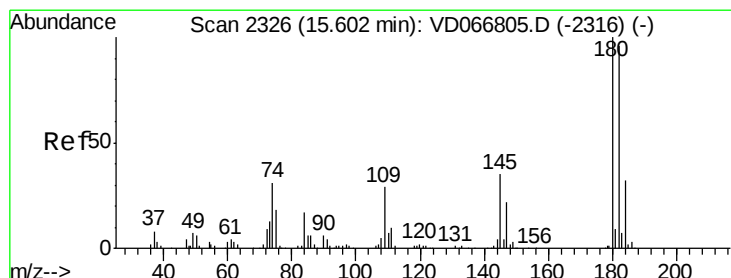
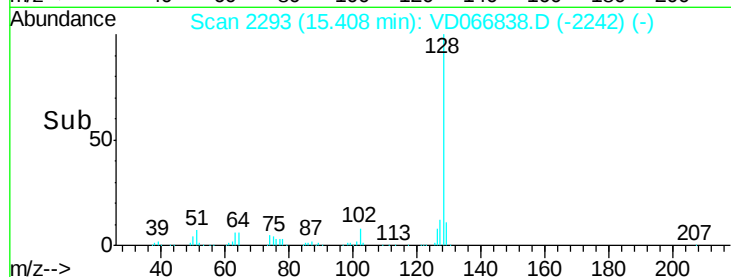
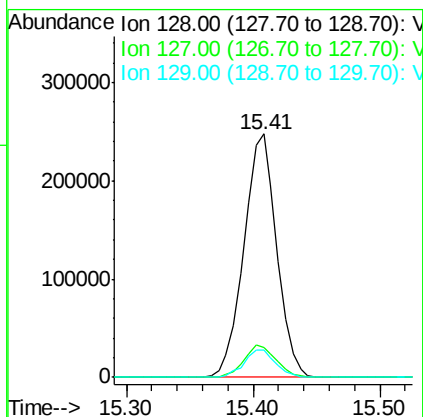
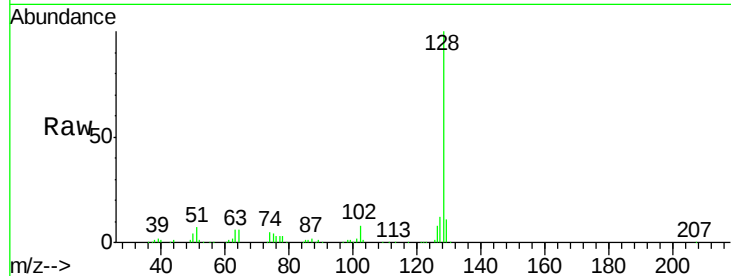




#95
Naphthalene
Concen: 52.551 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 443802
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.681 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion:180 Resp: 221885
Ion Ratio Lower Upper
180 100
182 95.1 46.8 140.3
145 33.4 17.0 51.0

