

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066799.D
 Acq On : 21 Sep 2020 22:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 22 00:57:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	382083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	647211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	593197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	275384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	201041	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.91	113	203668	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.34	98	730195	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.63	95	249500	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	138517	48.846	ug/l	99
3) Chloromethane	2.20	50	180847	43.495	ug/l	99
4) Vinyl Chloride	2.34	62	186062	42.758	ug/l	97
5) Bromomethane	2.77	94	132187	42.822	ug/l	97
6) Chloroethane	2.92	64	115007	42.425	ug/l	91
7) Trichlorofluoromethane	3.27	101	369554	49.168	ug/l	100
8) Diethyl Ether	3.71	74	110494	58.708	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	211591	51.226	ug/l	98
10) Methyl Iodide	4.30	142	208669	53.244	ug/l	99
11) Tert butyl alcohol	5.23	59	68678	263.056	ug/l	97
12) 1,1-Dichloroethene	4.07	96	206200	53.935	ug/l	97
13) Acrolein	3.92	56	76264	265.254	ug/l	99
14) Allyl chloride	4.71	41	332723	54.191	ug/l	95
15) Acrylonitrile	5.43	53	244816	296.935	ug/l	99
16) Acetone	4.16	43	193898	233.569	ug/l	92
17) Carbon Disulfide	4.41	76	634087	52.781	ug/l	99
18) Methyl Acetate	4.71	43	113593	65.204	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	507362	59.580	ug/l	95
20) Methylene Chloride	4.97	84	266545	61.411	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	254825	57.210	ug/l	94
22) Diisopropyl ether	6.36	45	719450	57.668	ug/l	94
23) Vinyl Acetate	6.30	43	1917666	276.338	ug/l	96
24) 1,1-Dichloroethane	6.26	63	436268	55.107	ug/l	98
25) 2-Butanone	7.21	43	300386	277.883	ug/l	97
26) 2,2-Dichloropropane	7.21	77	362262	49.485	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	290808	59.678	ug/l	95
28) Bromochloromethane	7.54	49	143813	48.635	ug/l	91
29) Tetrahydrofuran	7.56	42	199366	301.439	ug/l	94
30) Chloroform	7.71	83	475067	56.384	ug/l	98
31) Cyclohexane	7.98	56	358526	49.789	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	420257	54.508	ug/l	99
36) 1,1-Dichloropropene	8.11	75	343453	51.614	ug/l	99
37) Ethyl Acetate	7.29	43	147105	58.395	ug/l	98
38) Carbon Tetrachloride	8.09	117	364496	51.581	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	398917	52.411	ug/l	95
40) Benzene	8.35	78	1005174	55.835	ug/l	99
41) Methacrylonitrile	7.56	41	195584	146.652	ug/l #	17
42) 1,2-Dichloroethane	8.43	62	299048	53.618	ug/l	97
43) Isopropyl Acetate	8.45	43	266936	56.297	ug/l	99
44) Trichloroethene	9.11	130	276537	57.452	ug/l	97
45) 1,2-Dichloropropane	9.38	63	253699	57.004	ug/l	99
46) Dibromomethane	9.47	93	143105	58.516	ug/l	97
47) Bromodichloromethane	9.66	83	373354	56.025	ug/l	98
48) Methyl methacrylate	9.45	41	133540	55.369	ug/l	92
49) 1,4-Dioxane	9.45	88	34356	1311.449	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	695652	284.973	ug/l	96
52) Toluene	10.40	92	653430	56.659	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	320572	53.849	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	382770	54.133	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	190030	58.934	ug/l	97
56) Ethyl methacrylate	10.66	69	225214	61.549	ug/l	98
57) 1,3-Dichloropropane	10.94	76	323916	57.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	439970	273.776	ug/l	96
59) 2-Hexanone	10.98	43	472038	287.789	ug/l	98
60) Dibromochloromethane	11.14	129	248576	59.165	ug/l	100
61) 1,2-Dibromoethane	11.24	107	180812	58.458	ug/l	99
64) Tetrachloroethene	10.87	164	224688	55.487	ug/l	99
65) Chlorobenzene	11.67	112	677309	55.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	258731	57.096	ug/l	98
67) Ethyl Benzene	11.74	91	1219581	54.822	ug/l	98
68) m/p-Xylenes	11.85	106	919022	109.305	ug/l	97
69) o-Xylene	12.18	106	418743	56.358	ug/l	97
70) Styrene	12.19	104	730309	55.846	ug/l	99
71) Bromoform	12.36	173	134613	59.192	ug/l #	100
73) Isopropylbenzene	12.48	105	1138772	55.393	ug/l	98
74) N-amyl acetate	12.29	43	244743	56.436	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	197745	56.607	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	261666	111.008	ug/l #	100
77) Bromobenzene	12.76	156	265154	55.960	ug/l	97
78) n-propylbenzene	12.82	91	1360412	54.285	ug/l	98
79) 2-Chlorotoluene	12.91	91	774689	54.669	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	966124	55.581	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	50147	45.913	ug/l	95
82) 4-Chlorotoluene	13.01	91	824676	55.039	ug/l	100
83) tert-Butylbenzene	13.23	119	802706	56.029	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	964960	55.549	ug/l	100
85) sec-Butylbenzene	13.40	105	1116022	54.336	ug/l	99
86) p-Isopropyltoluene	13.52	119	1020684	54.662	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	503931	55.435	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	498841	55.107	ug/l	97
89) n-Butylbenzene	13.84	91	950127	53.512	ug/l	99
90) Hexachloroethane	14.11	117	200187	52.188	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	447184	57.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	32548	57.638	ug/l	92

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
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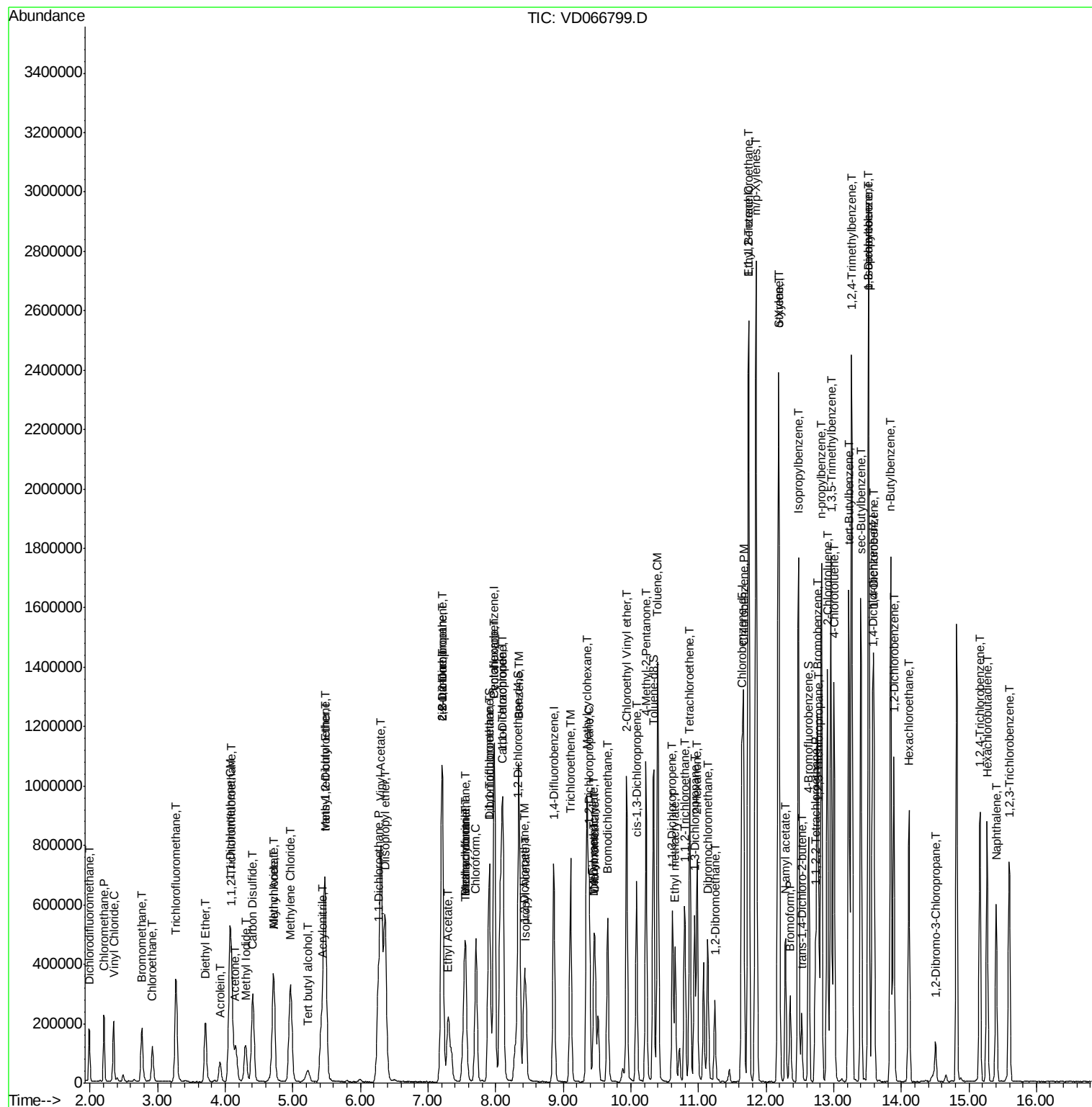
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	282949	60.060	ug/l	99
94) Hexachlorobutadiene	15.27	225	160597	56.580	ug/l	98
95) Naphthalene	15.40	128	527700	64.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	253665	61.644	ug/l	99

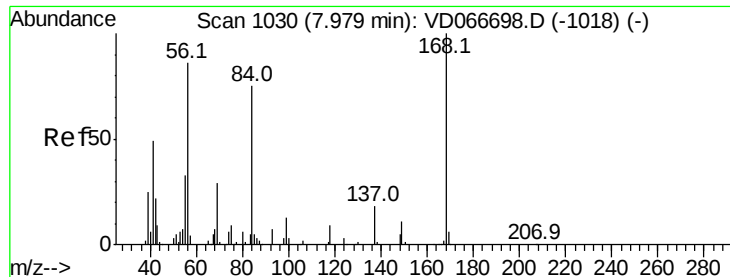
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

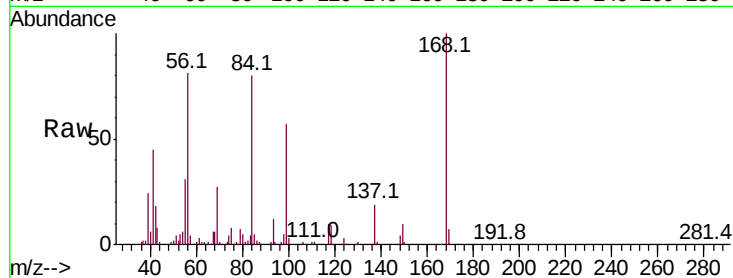
VSTDCCC050EC

Tot Ion:168 Resp: 382083

Ion Ratio Lower Upper

168 100

99 57.0 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

100000

50000

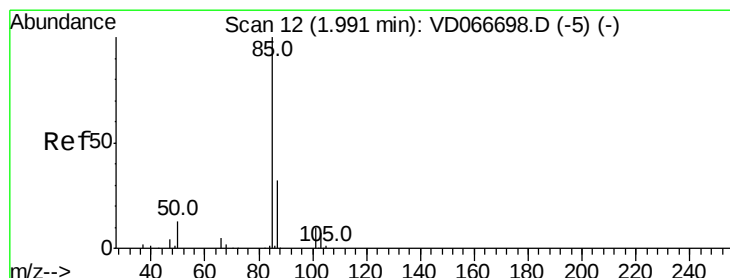
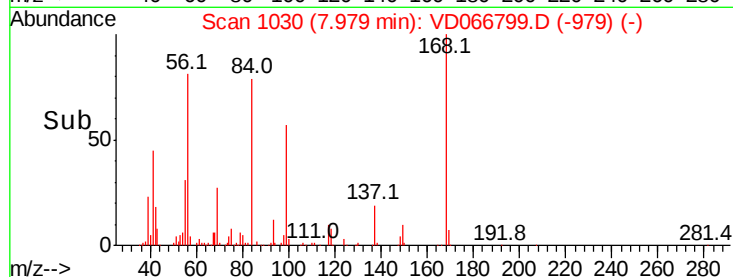
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.846 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066799.D

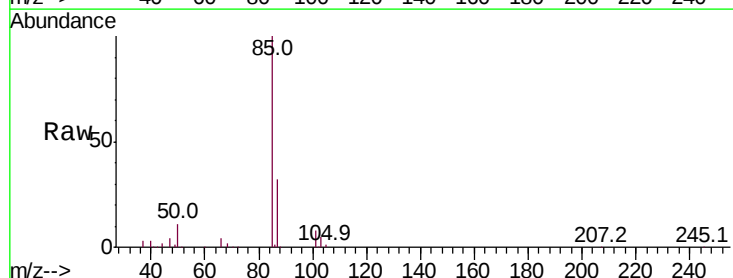
Acq: 21 Sep 2020 22:44

Tgt Ion: 85 Resp: 138517

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

120000

100000

80000

60000

40000

20000

0

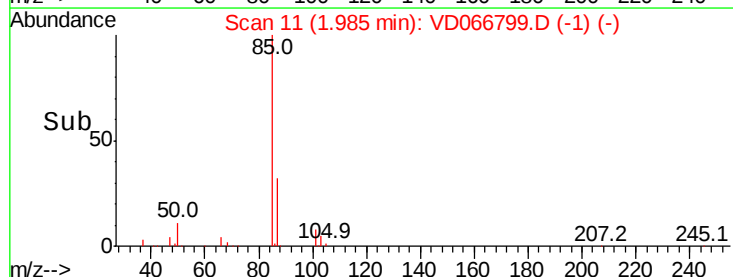
1.90

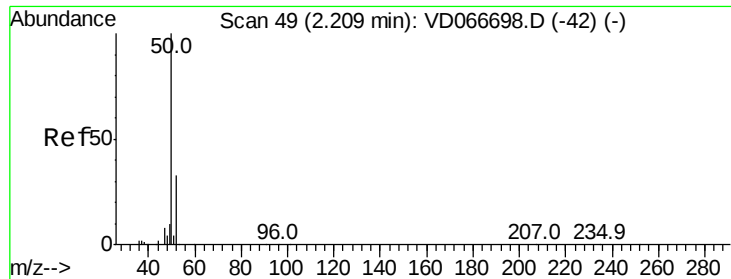
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 43.495 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

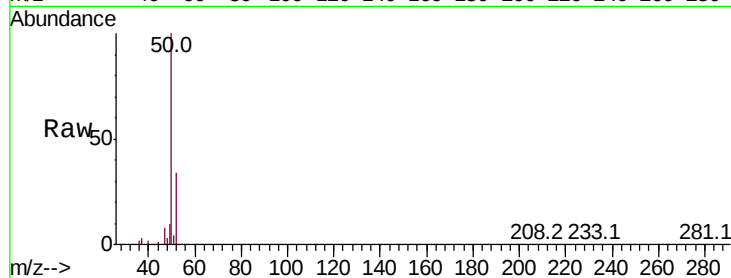
VSTDCCC050EC

Tot Ion: 50 Resp: 180847

Ion Ratio Lower Upper

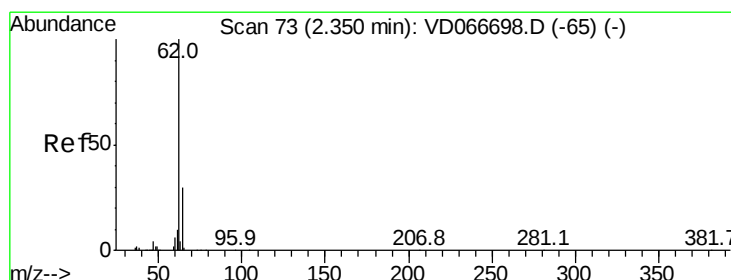
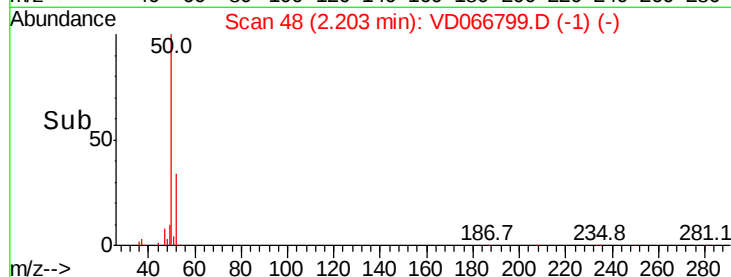
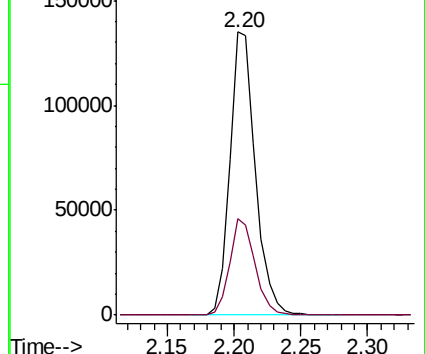
50 100

52 34.0 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 42.758 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066799.D

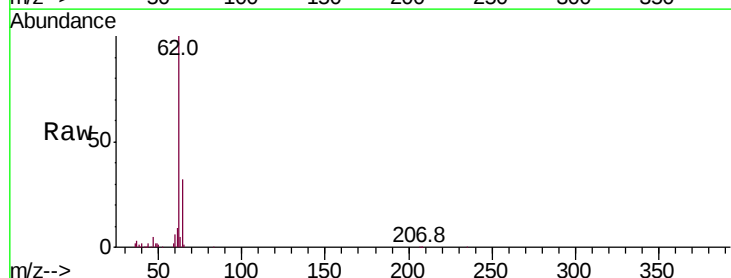
Acq: 21 Sep 2020 22:44

Tgt Ion: 62 Resp: 186062

Ion Ratio Lower Upper

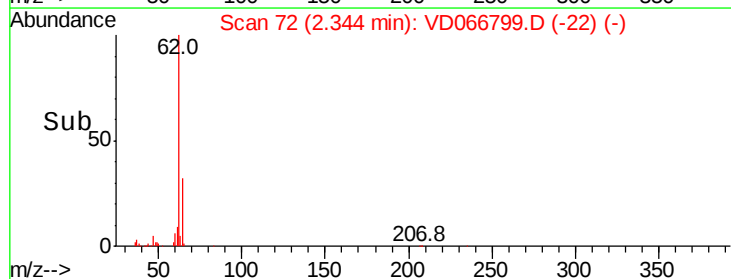
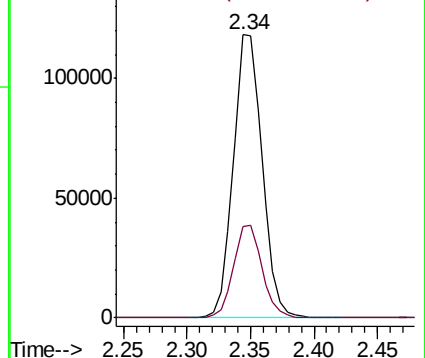
62 100

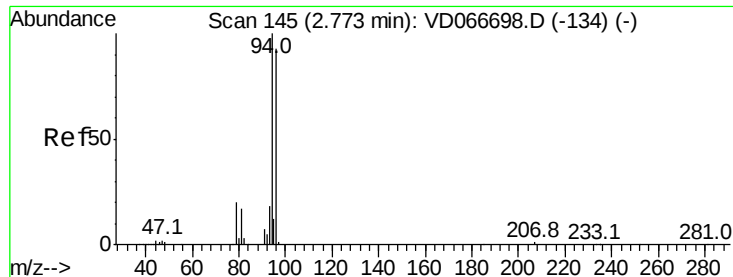
64 32.2 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 42.822 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

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ClientSampleId :

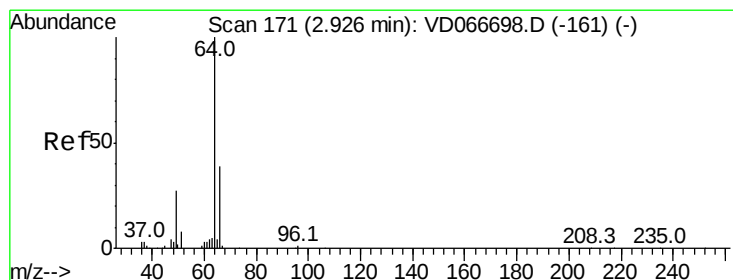
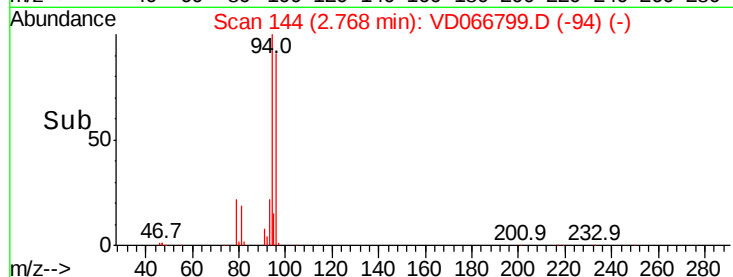
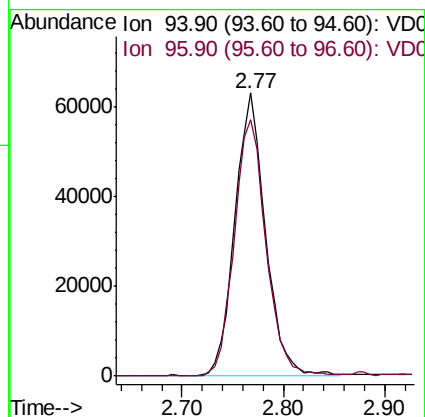
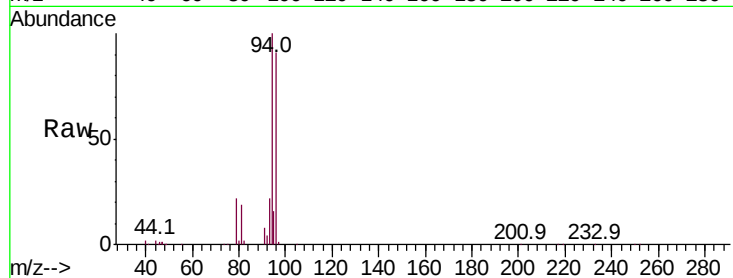
VSTDCCC050EC

Tot Ion: 94 Resp: 132187

Ion Ratio Lower Upper

94 100

96 90.7 74.7 112.1



#6

Chloroethane

Concen: 42.425 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066799.D

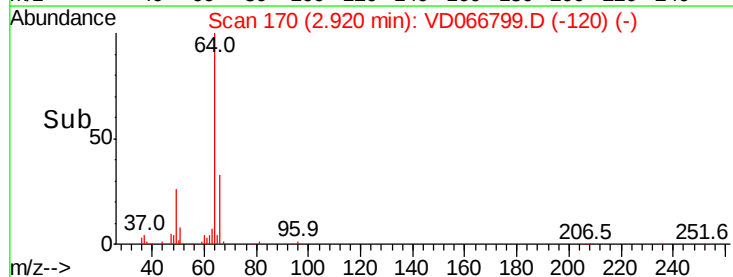
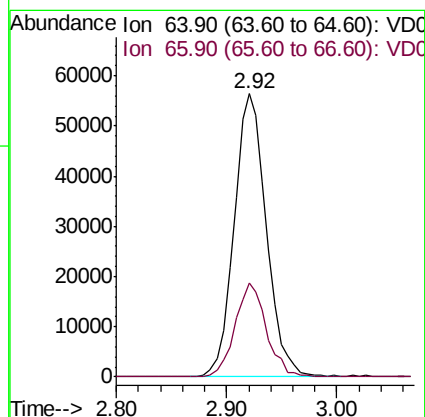
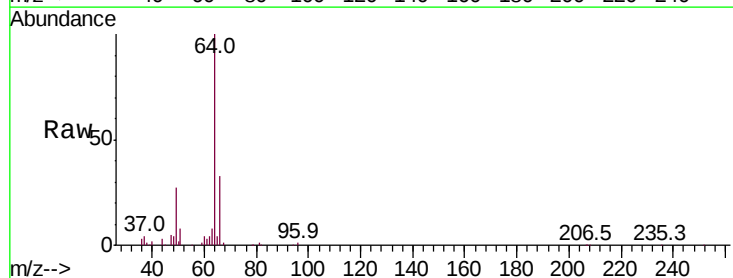
Acq: 21 Sep 2020 22:44

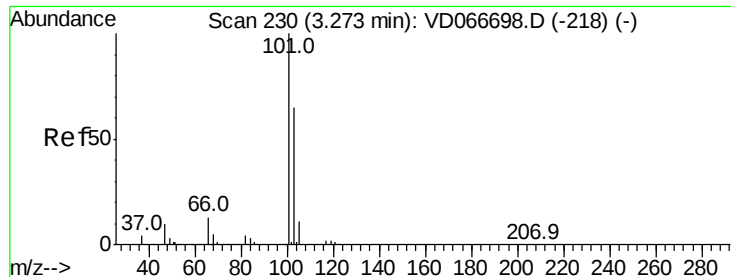
Tgt Ion: 64 Resp: 115007

Ion Ratio Lower Upper

64 100

66 33.1 30.9 46.3



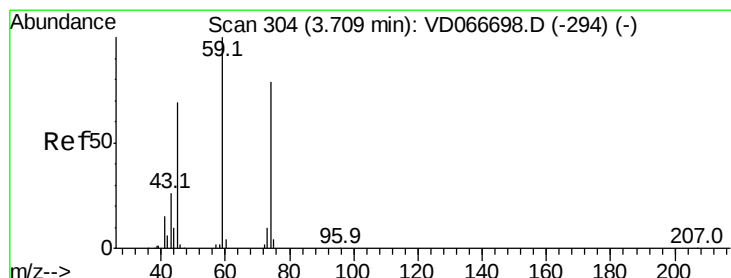
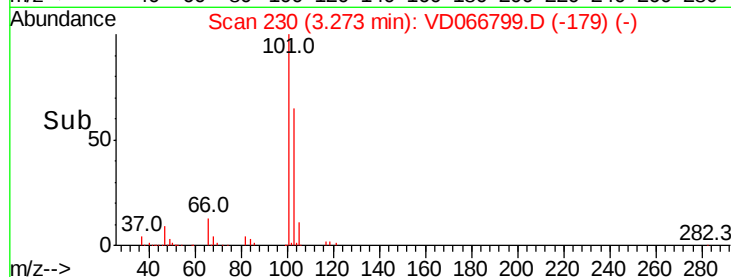
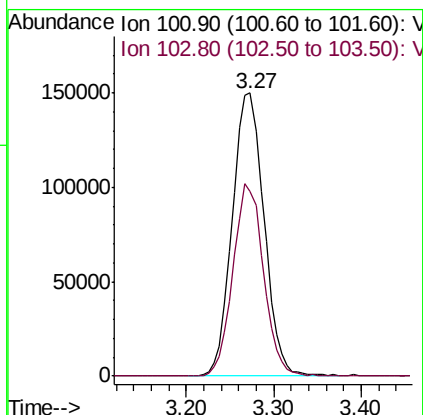
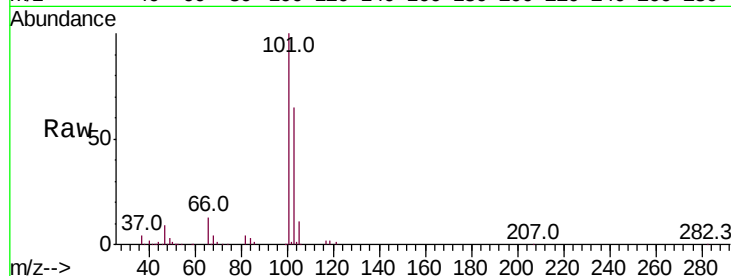


#7

Trichlorofluoromethane
 Concen: 49.168 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
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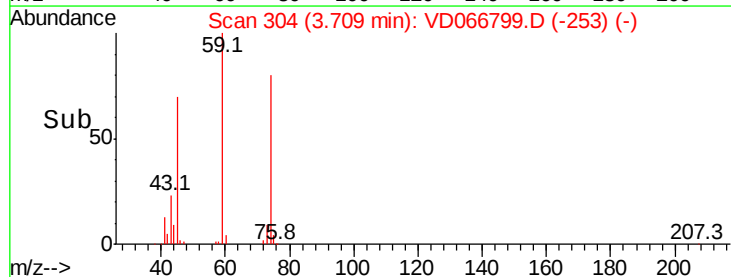
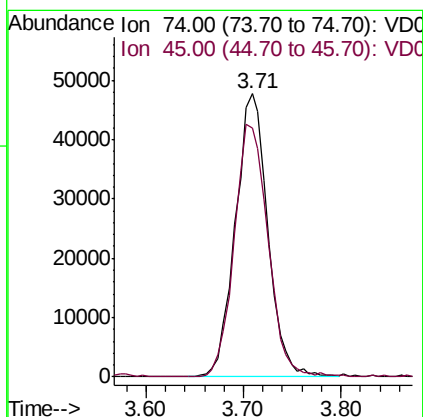
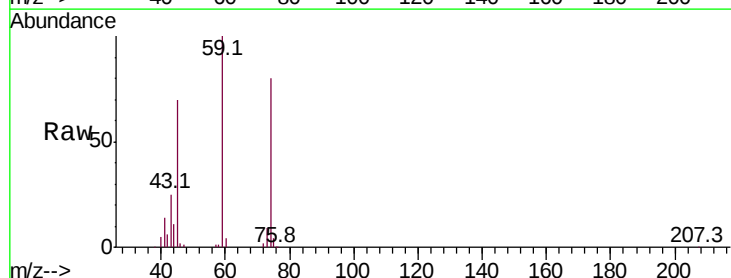
Tot Ion:101 Resp: 369554
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.8

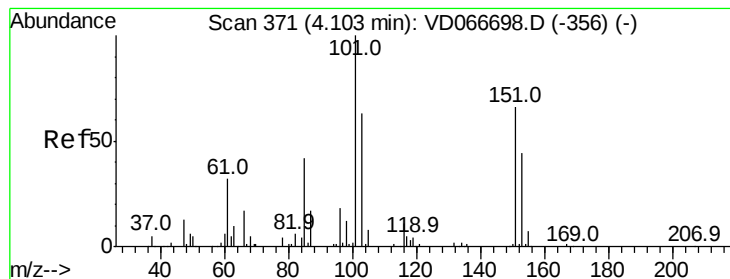


#8

Diethyl Ether
 Concen: 58.708 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion: 74 Resp: 110494
 Ion Ratio Lower Upper
 74 100
 45 93.1 48.0 144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.226 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

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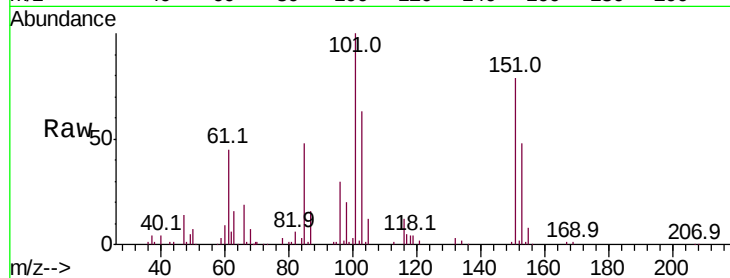
Tot Ion:101 Resp: 211591

Ion Ratio Lower Upper

101 100

85 44.7 36.3 54.5

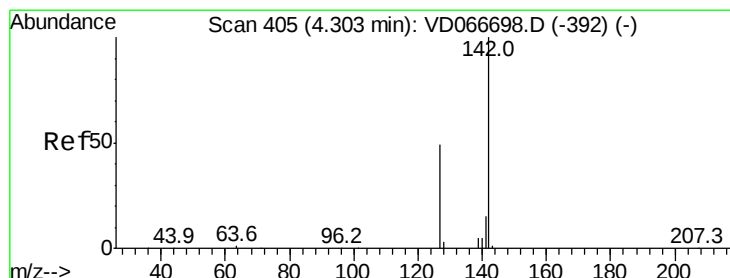
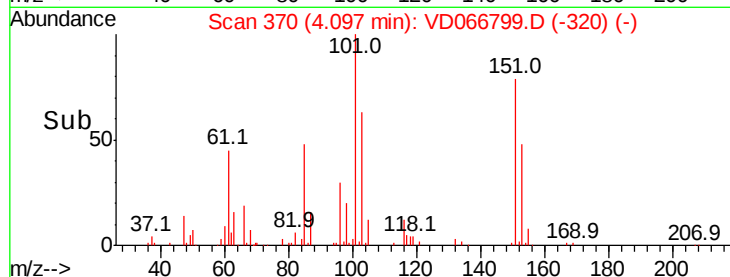
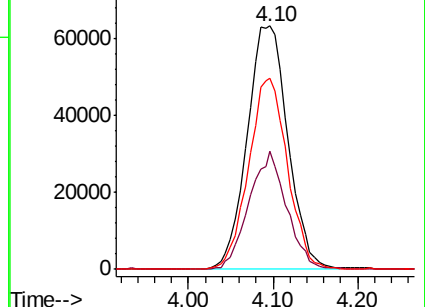
151 75.1 58.0 87.0



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: 53.244 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

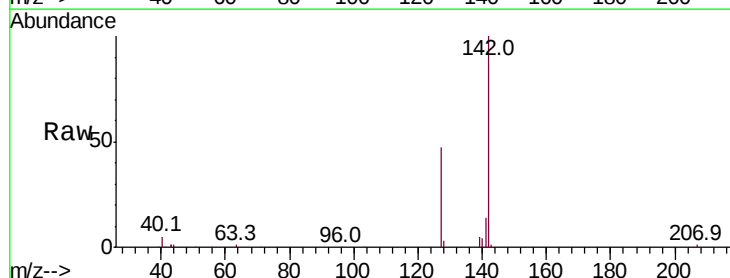
Tgt Ion:142 Resp: 208669

Ion Ratio Lower Upper

142 100

127 48.3 39.0 58.4

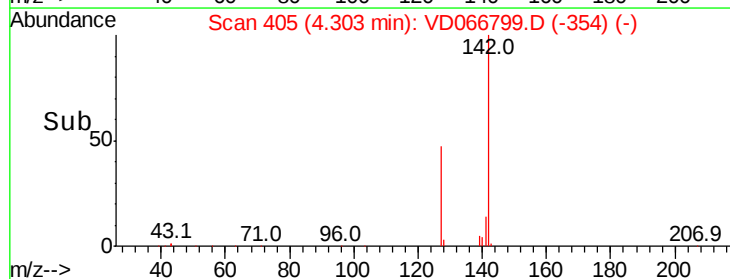
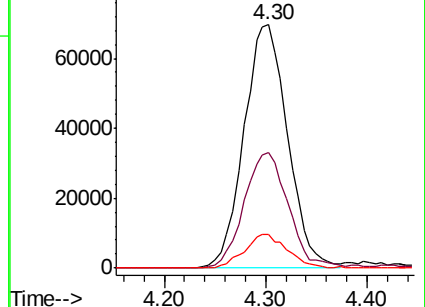
141 13.8 11.7 17.5

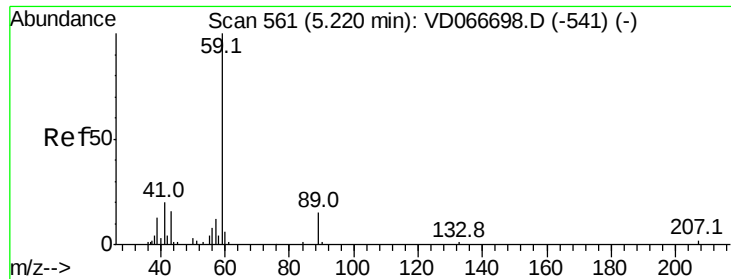


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



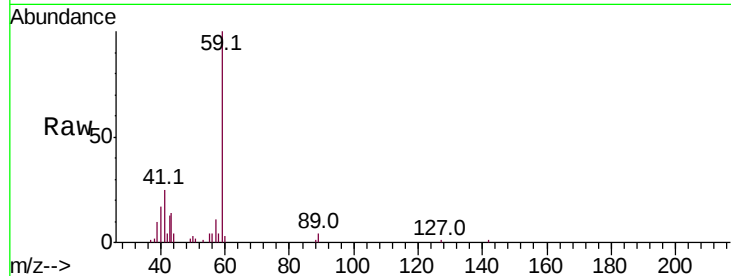


#11

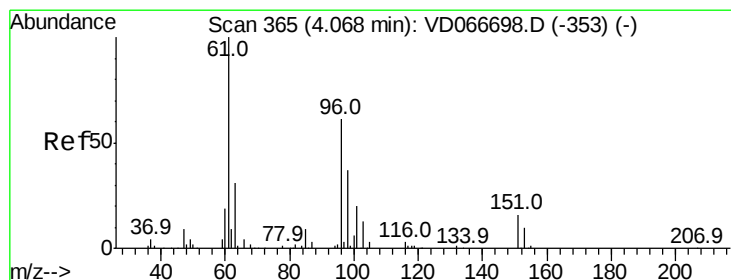
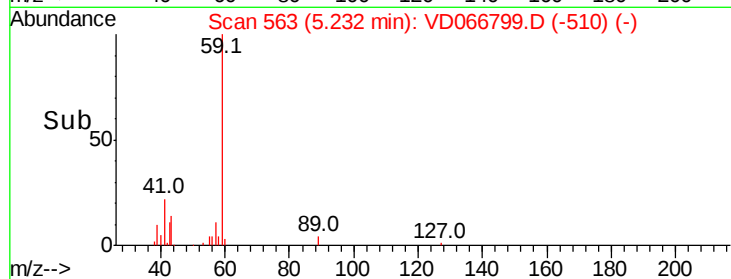
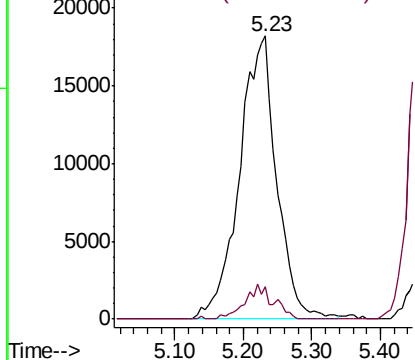
Tert butyl alcohol
Concen: 263.056 ug/l
RT: 5.23 min Scan# 563
Delta R.T. 0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 68678
Ion Ratio Lower Upper
59 100
57 9.4 6.7 10.1



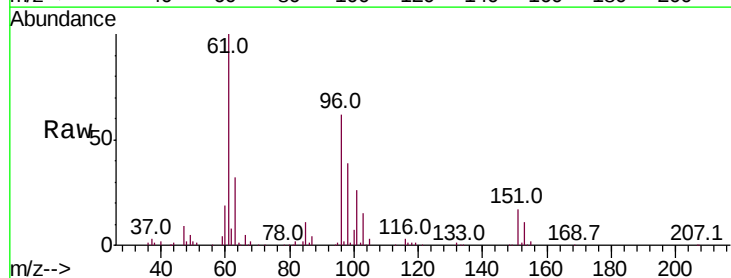
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



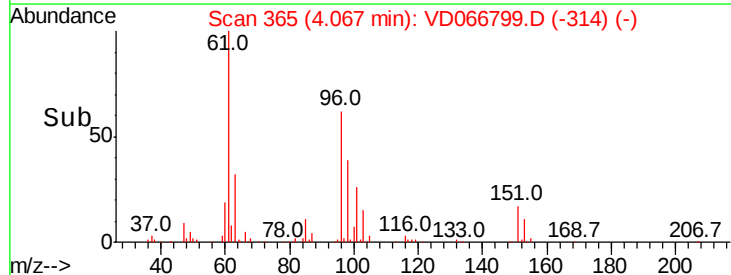
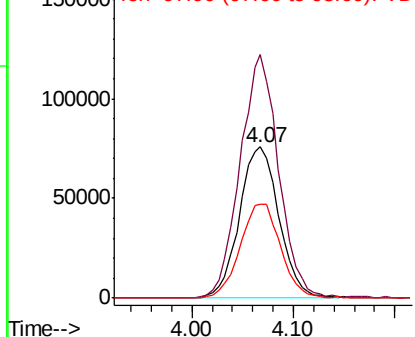
#12

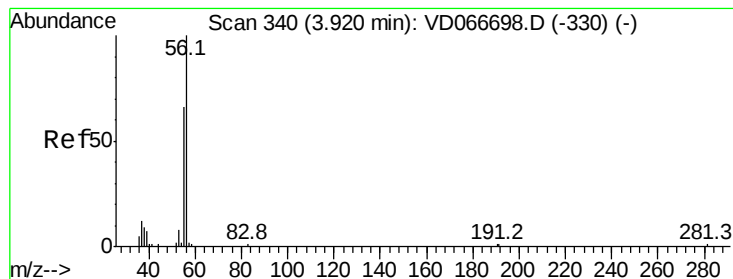
1,1-Dichloroethene
Concen: 53.935 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion: 96 Resp: 206200
Ion Ratio Lower Upper
96 100
61 160.6 131.9 197.9
98 62.3 49.1 73.7



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: 265.254 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

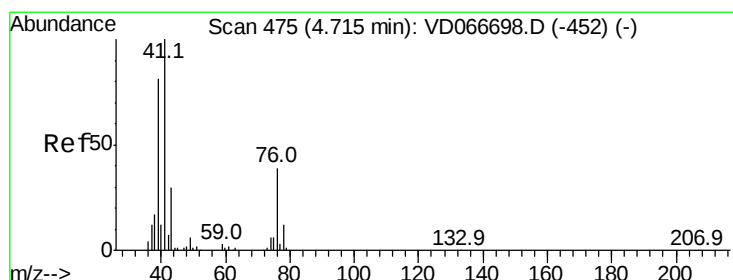
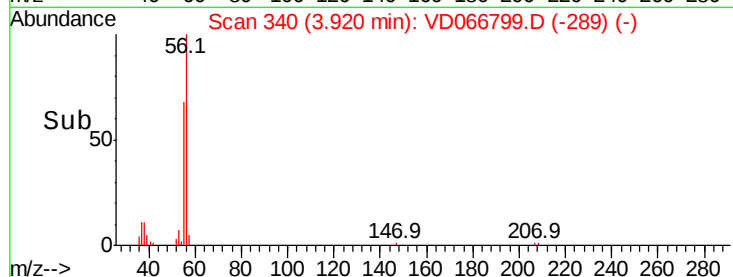
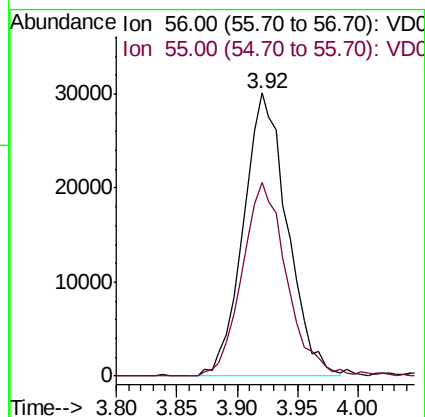
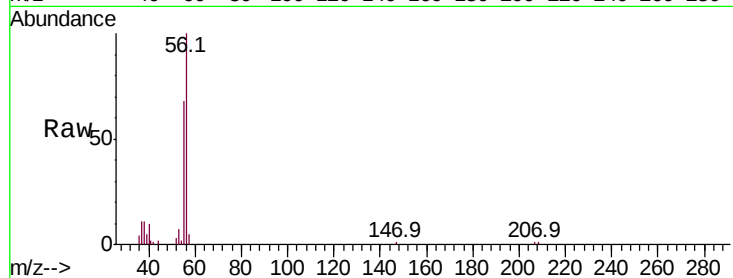
VSTDCCC050EC

Tot Ion: 56 Resp: 76264

Ion Ratio Lower Upper

56 100

55 69.3 54.7 82.1



#14

Allyl chloride

Concen: 54.191 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

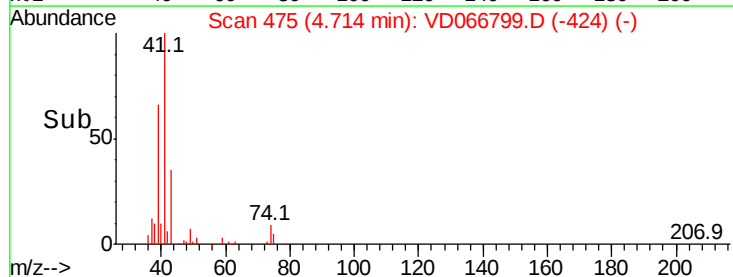
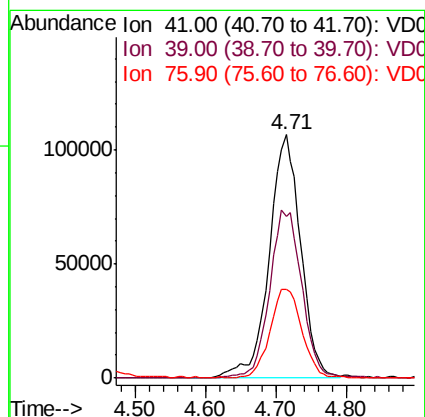
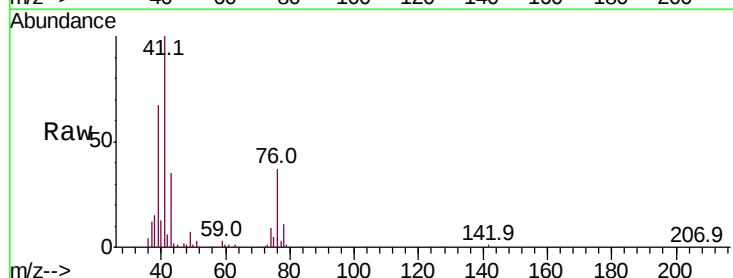
Tgt Ion: 41 Resp: 332723

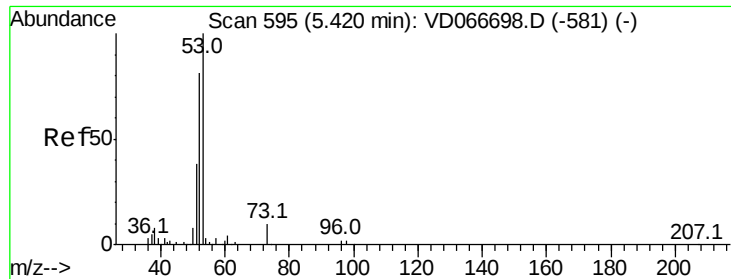
Ion Ratio Lower Upper

41 100

39 70.2 60.6 90.8

76 37.1 29.2 43.8





#15

Acrylonitrile

Concen: 296.935 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

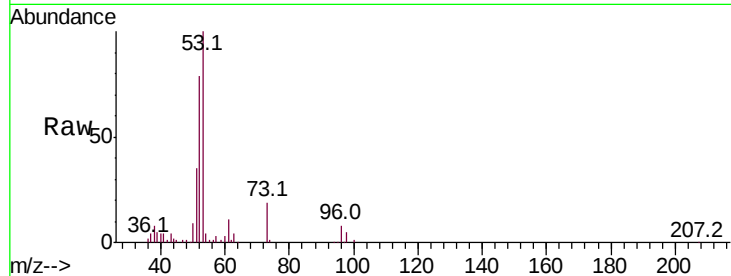
Tot Ion: 53 Resp: 244816

Ion Ratio Lower Upper

53 100

52 82.2 66.6 99.8

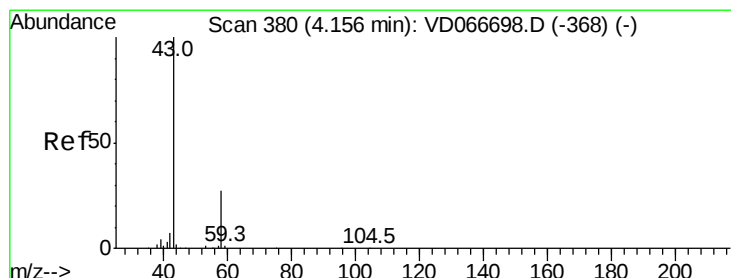
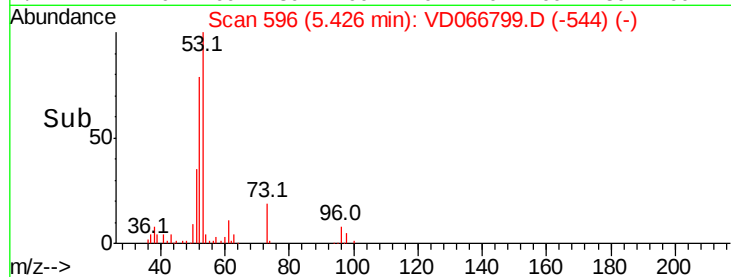
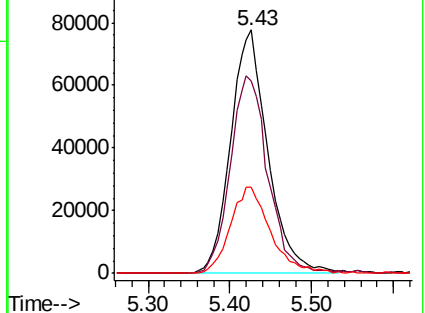
51 38.2 31.0 46.6



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: 233.569 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066799.D

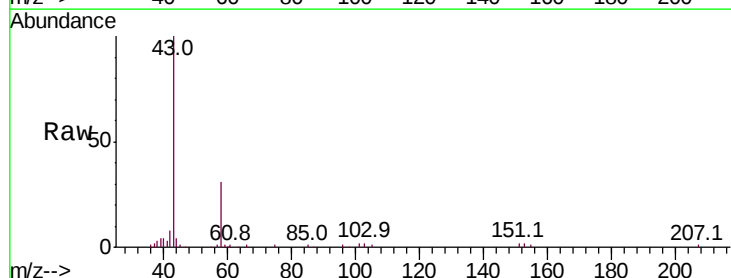
Acq: 21 Sep 2020 22:44

Tgt Ion: 43 Resp: 193898

Ion Ratio Lower Upper

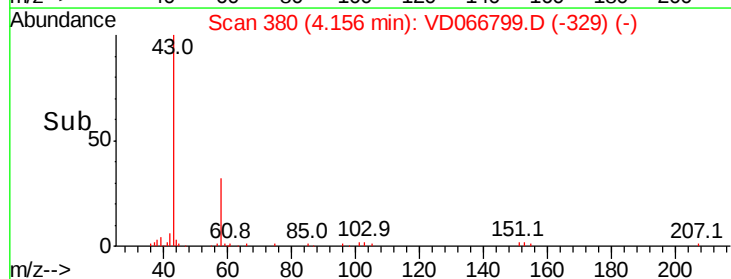
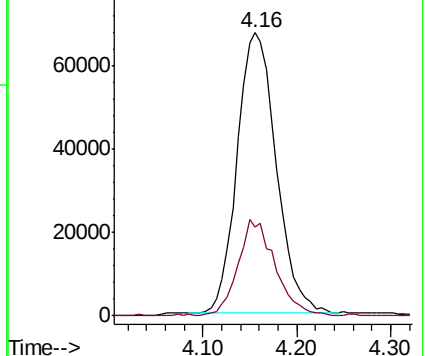
43 100

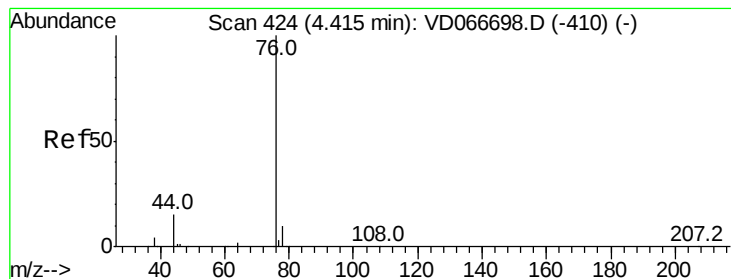
58 31.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 52.781 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

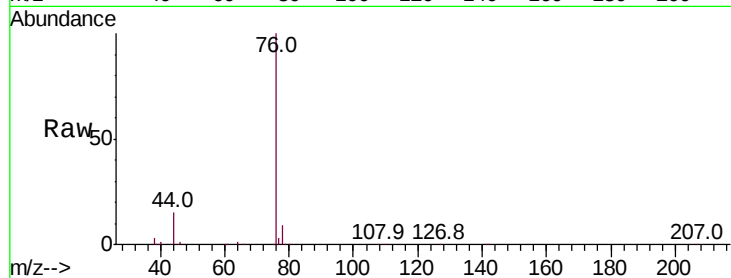
VSTDCCC050EC

Tot Ion: 76 Resp: 634087

Ion Ratio Lower Upper

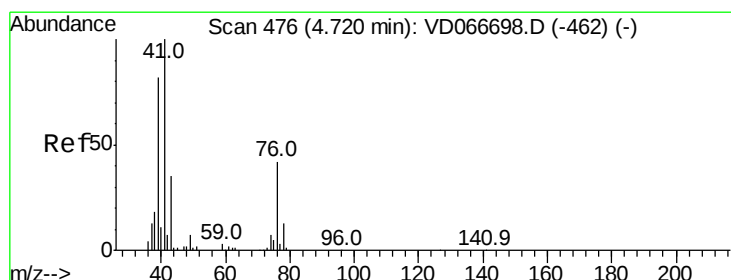
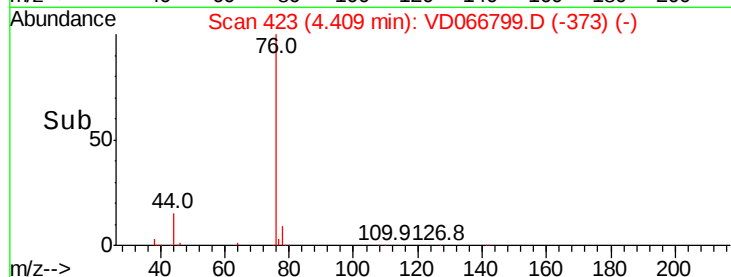
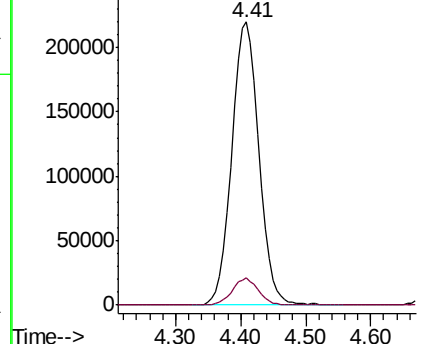
76 100

78 9.5 8.0 12.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 65.204 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD066799.D

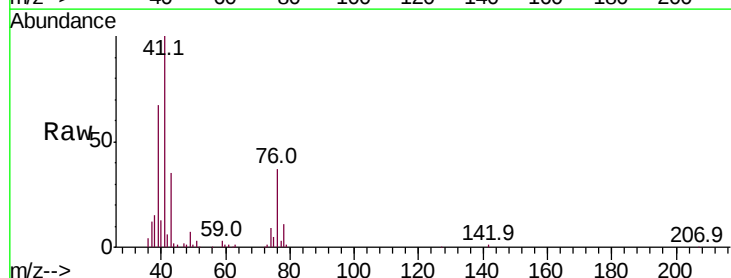
Acq: 21 Sep 2020 22:44

Tgt Ion: 43 Resp: 113593

Ion Ratio Lower Upper

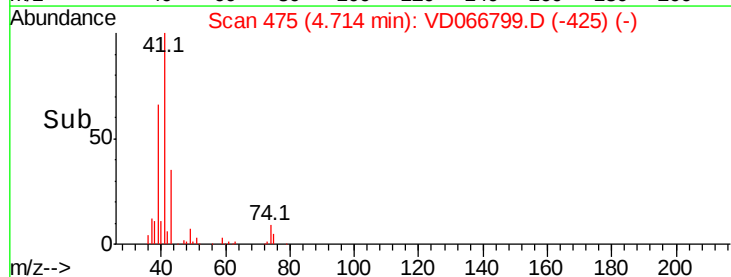
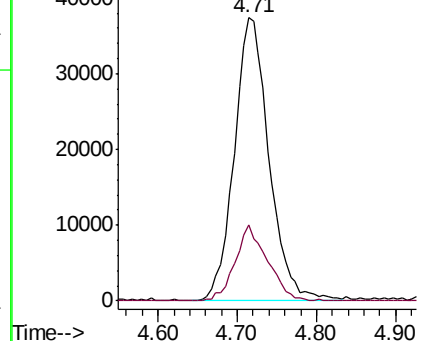
43 100

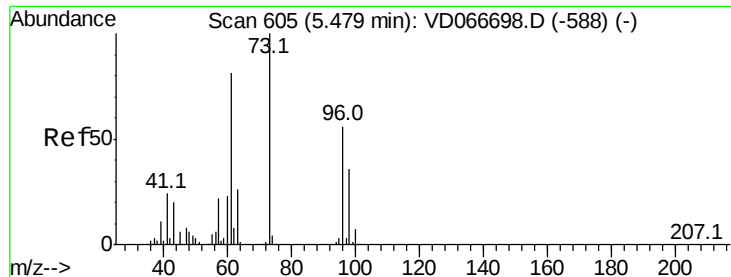
74 24.7 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



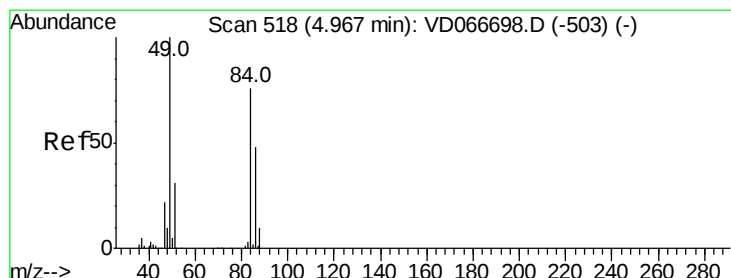
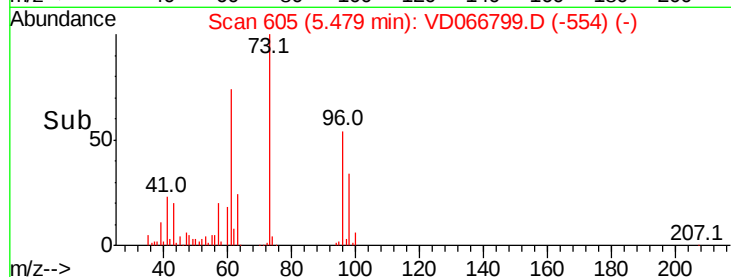
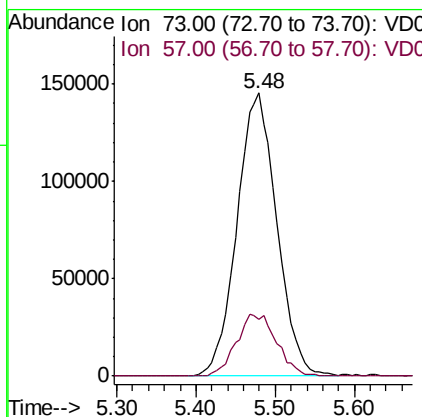
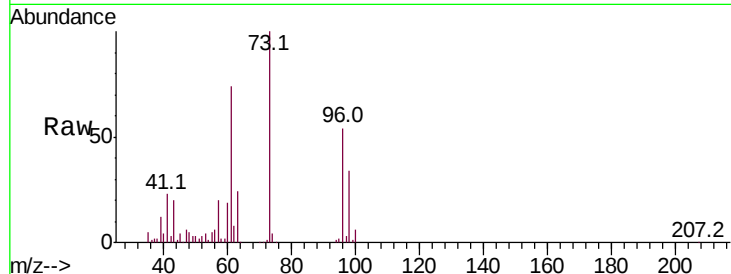


#19

Methyl tert-butyl Ether
 Concen: 59.580 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

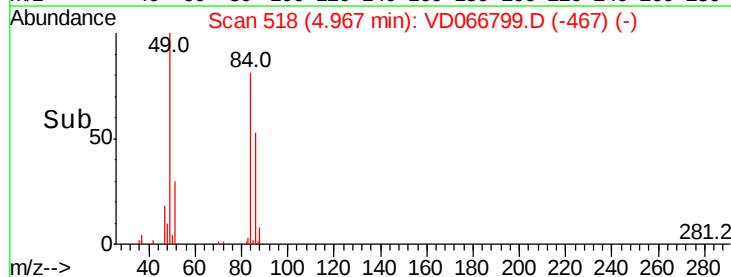
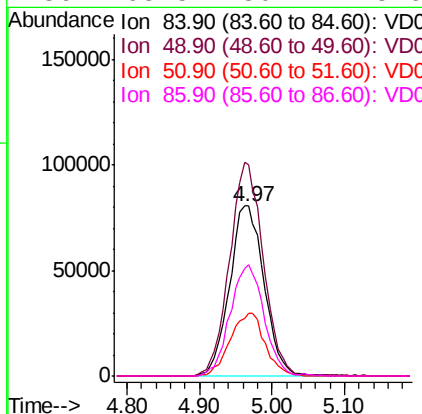
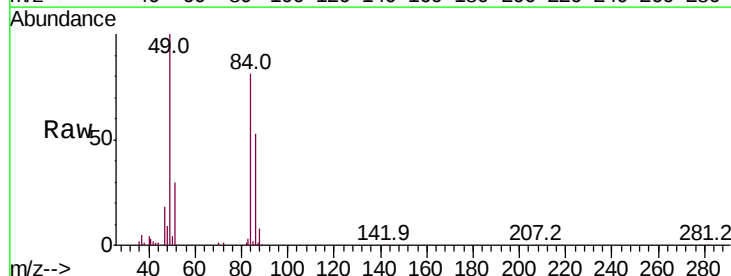
Tot Ion: 73 Resp: 507362
 Ion Ratio Lower Upper
 73 100
 57 19.9 17.8 26.6

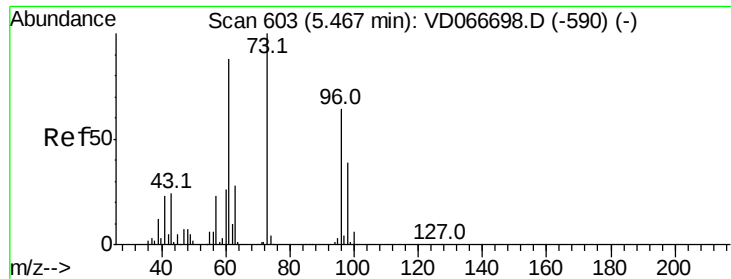


#20

Methylene Chloride
 Concen: 61.411 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion: 84 Resp: 266545
 Ion Ratio Lower Upper
 84 100
 49 123.7 105.0 157.6
 51 36.9 32.2 48.4
 86 65.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 57.210 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

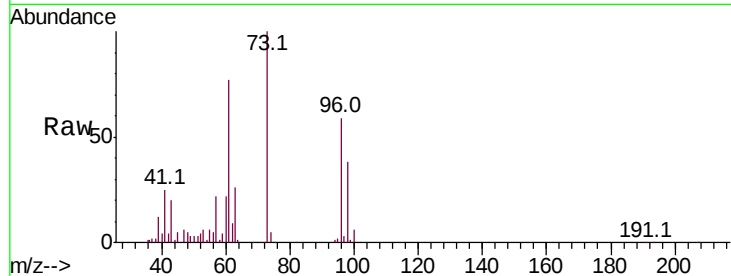
Tot Ion: 96 Resp: 254825

Ion Ratio Lower Upper

96 100

61 129.9 110.6 166.0

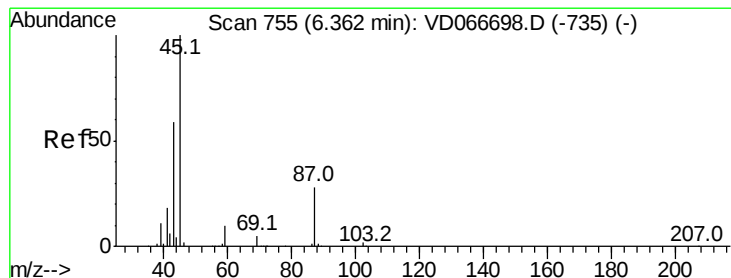
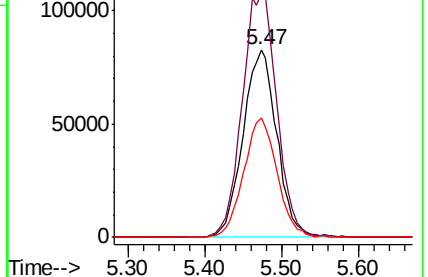
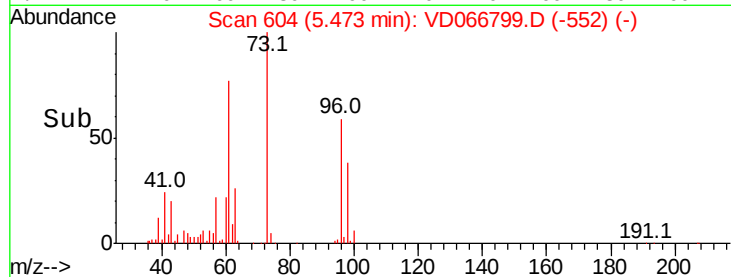
98 63.9 49.2 73.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 57.668 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Tgt Ion: 45 Resp: 719450

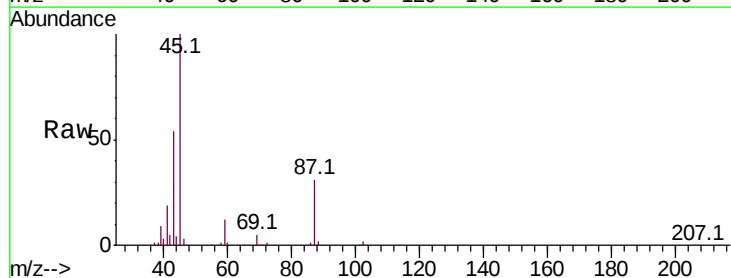
Ion Ratio Lower Upper

45 100

43 53.7 46.9 70.3

87 31.1 22.4 33.6

59 11.9 8.5 12.7

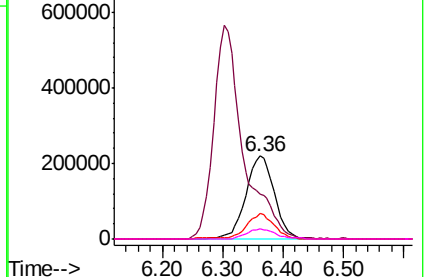
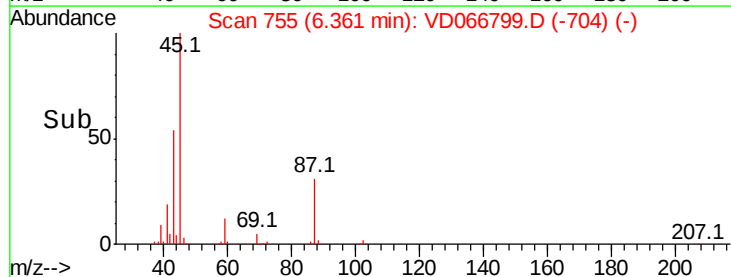


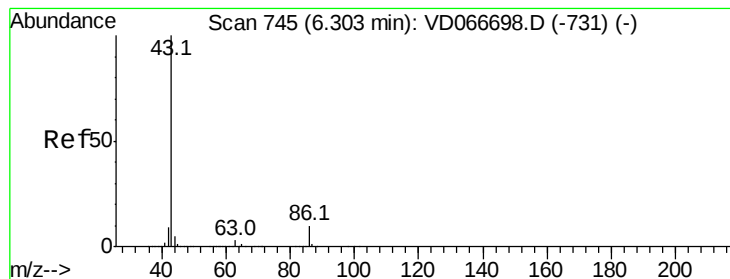
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 276.338 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

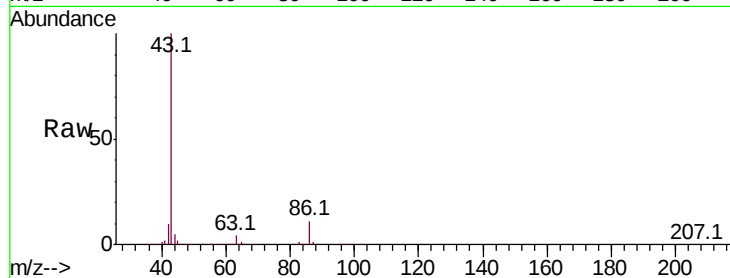
VSTDCCC050EC

Tot Ion: 43 Resp: 1917666

Ion Ratio Lower Upper

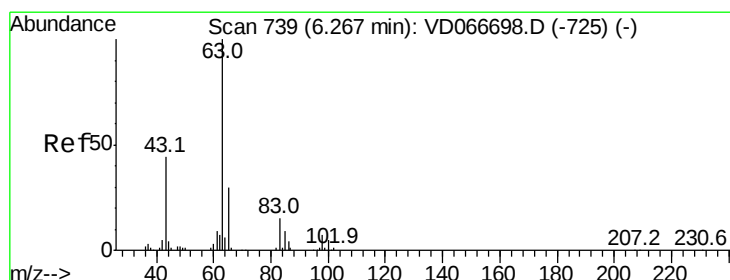
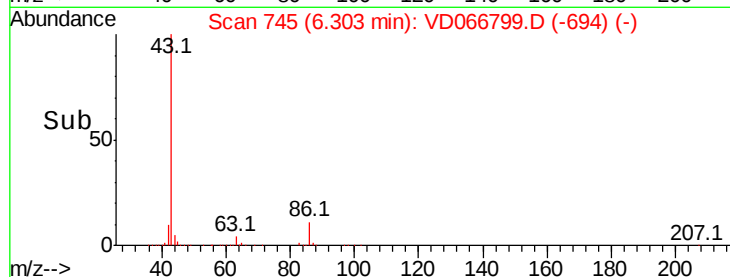
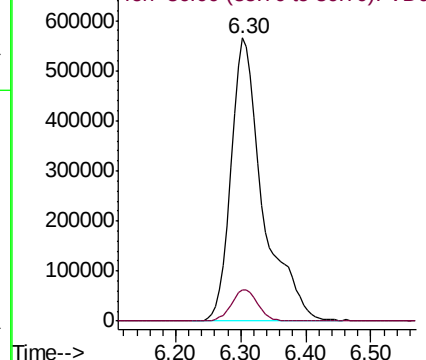
43 100

86 11.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 55.107 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

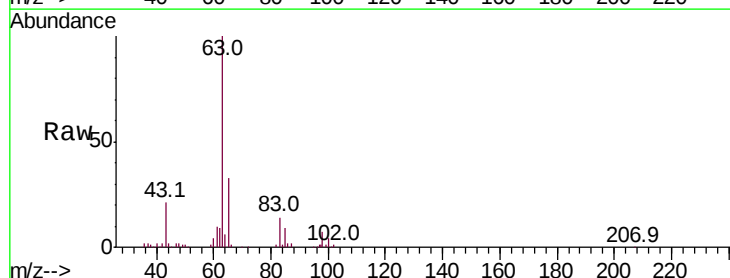
Tgt Ion: 63 Resp: 436268

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

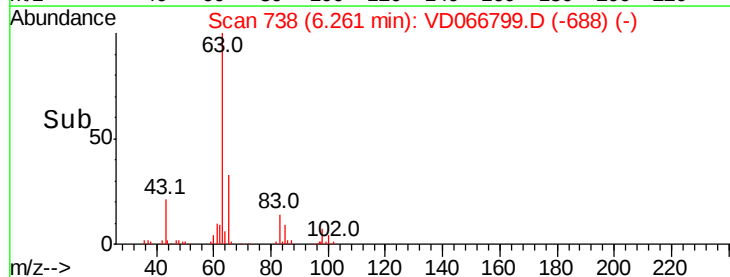
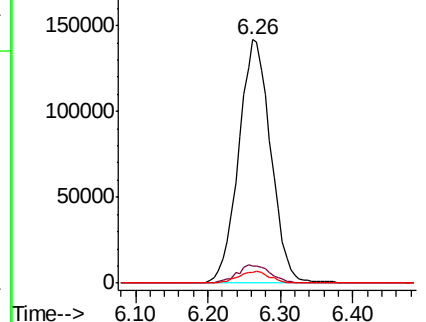
100 4.1 2.6 8.0

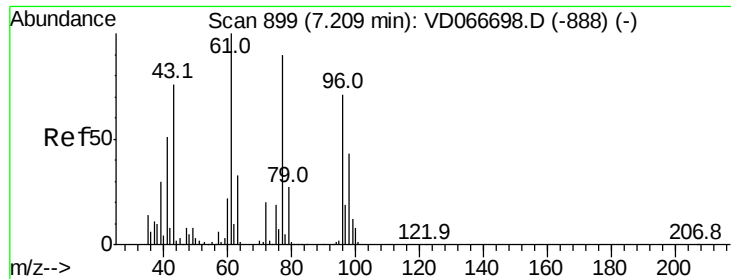


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 277.883 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

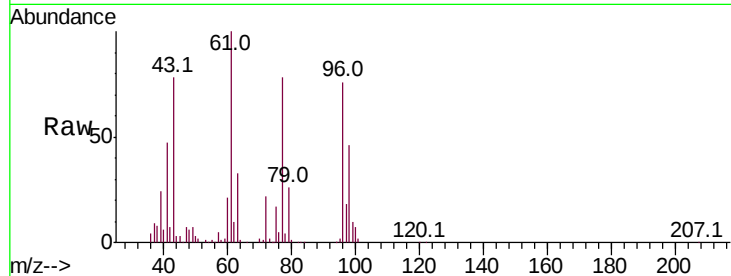
VSTDCCC050EC

Tot Ion: 43 Resp: 300386

Ion Ratio Lower Upper

43 100

72 27.7 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

120000

100000

80000

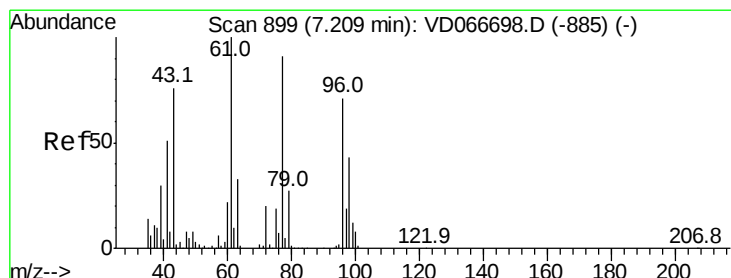
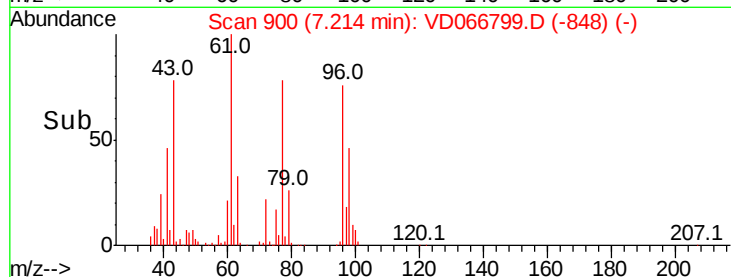
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#26

2,2-Dichloropropane

Concen: 49.485 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066799.D

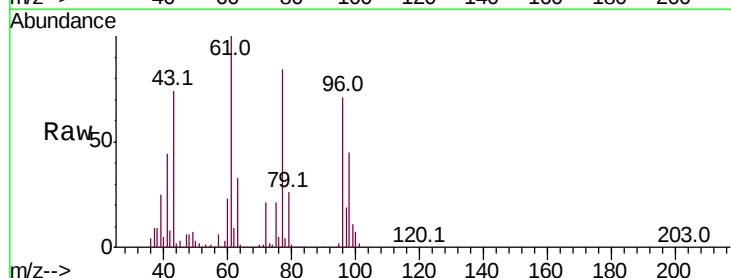
Acq: 21 Sep 2020 22:44

Tgt Ion: 77 Resp: 362262

Ion Ratio Lower Upper

77 100

97 22.8 10.6 31.8



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

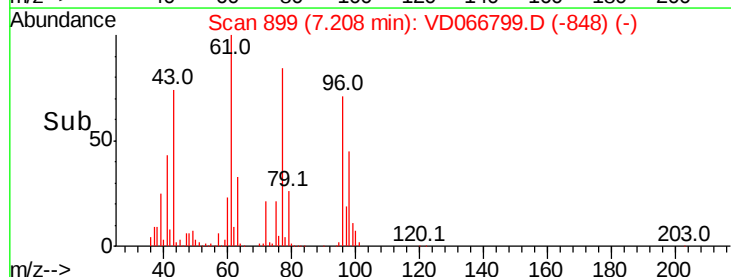
150000

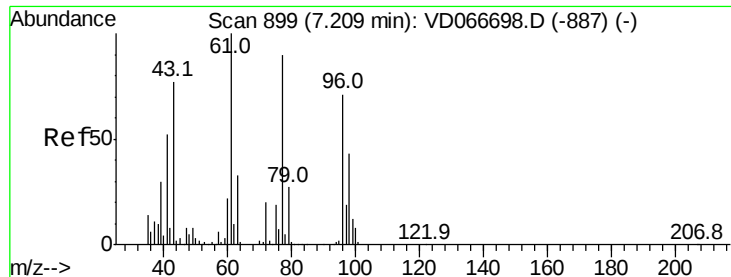
100000

50000

0

Time--> 7.10 7.20 7.30 7.40



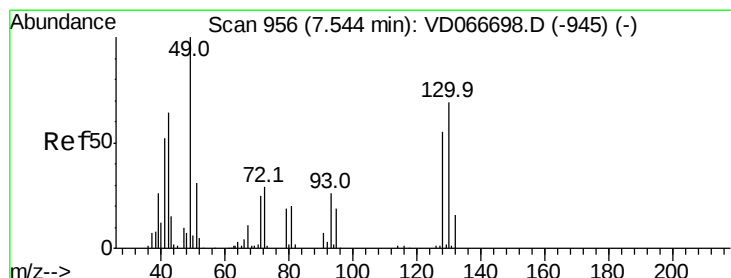
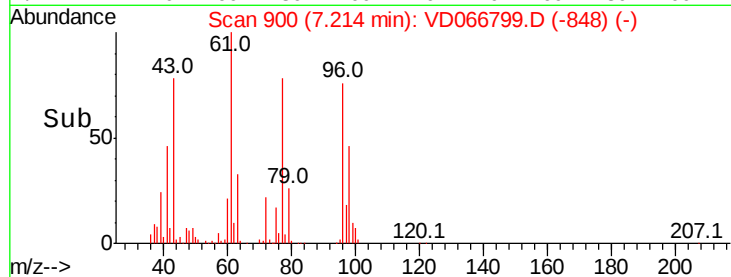
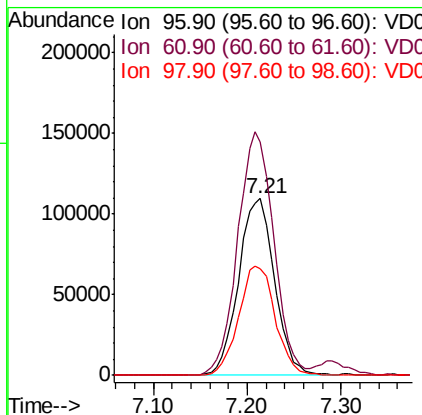
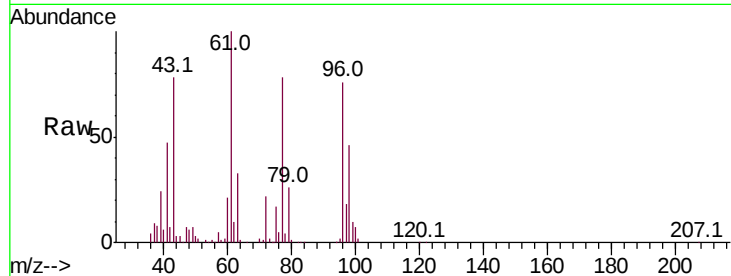


#27

cis-1,2-Dichloroethene
 Concen: 59.678 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

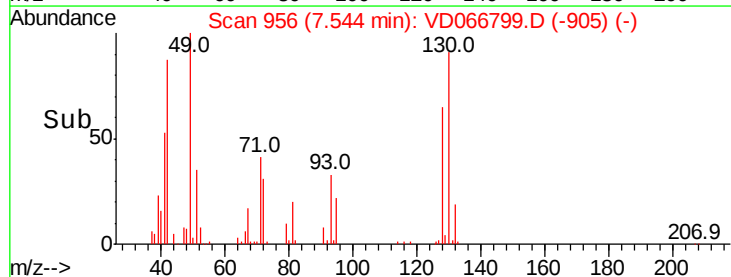
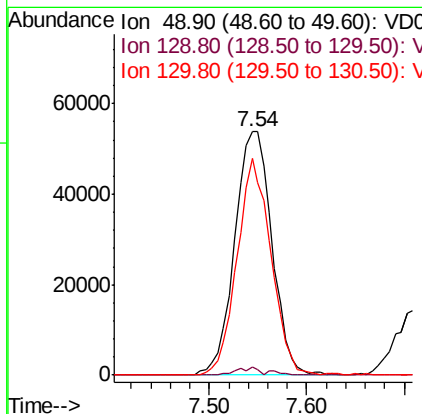
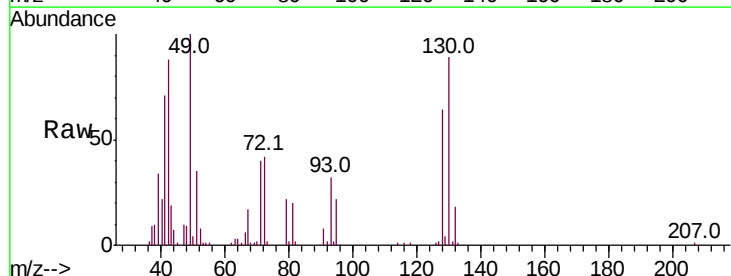
Tot Ion	96	Resp	290808
Ion Ratio	Lower	Upper	
96	100		
61	138.6	0.0	292.4
98	62.8	0.0	127.0

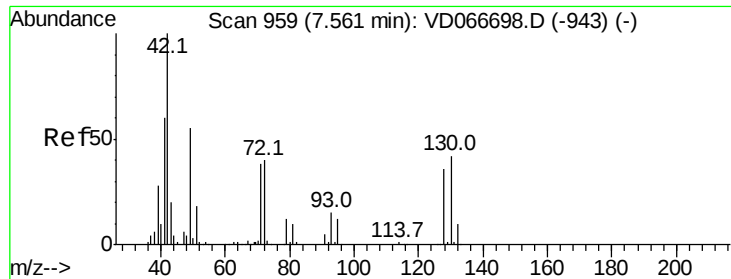


#28

Bromochloromethane
 Concen: 48.635 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion	49	Resp	143813
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	3.8
130	80.9	58.6	88.0





#29

Tetrahydrofuran

Concen: 301.439 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

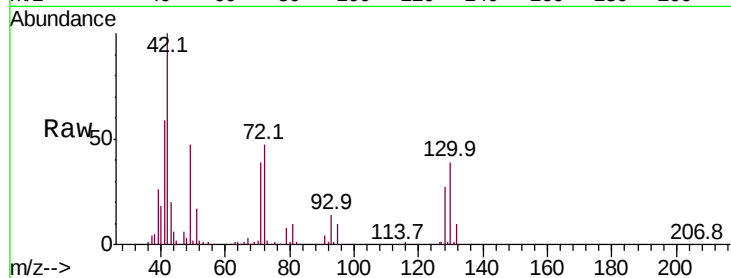
Tot Ion: 42 Resp: 199366

Ion Ratio Lower Upper

42 100

72 44.6 32.6 48.8

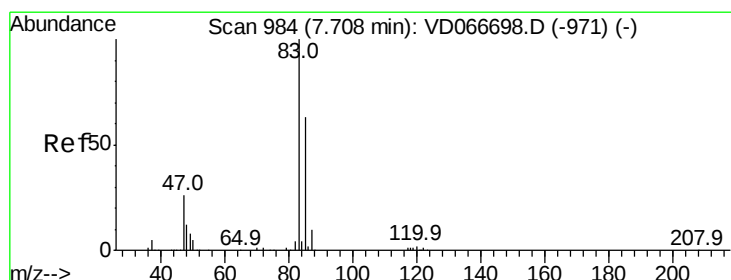
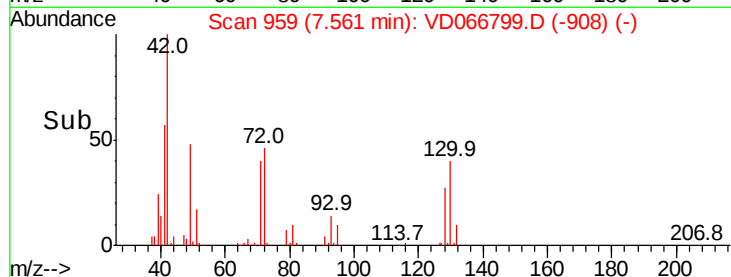
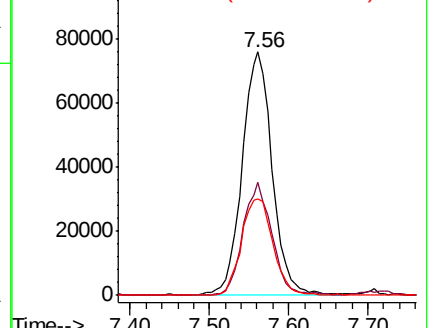
71 41.6 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 56.384 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066799.D

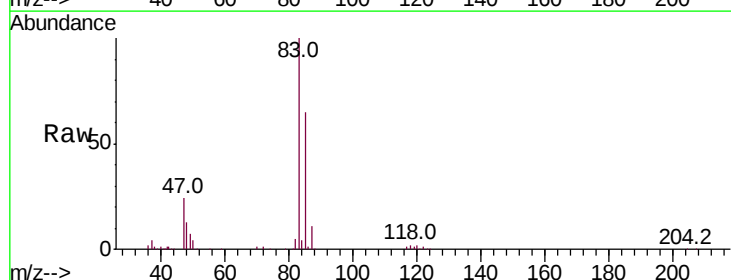
Acq: 21 Sep 2020 22:44

Tgt Ion: 83 Resp: 475067

Ion Ratio Lower Upper

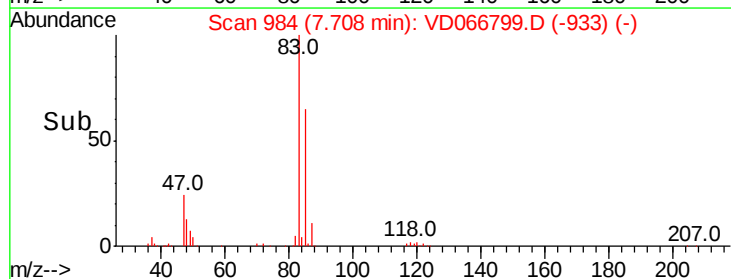
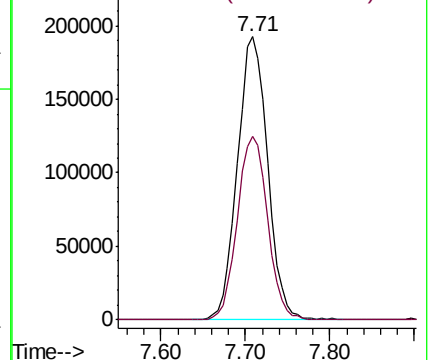
83 100

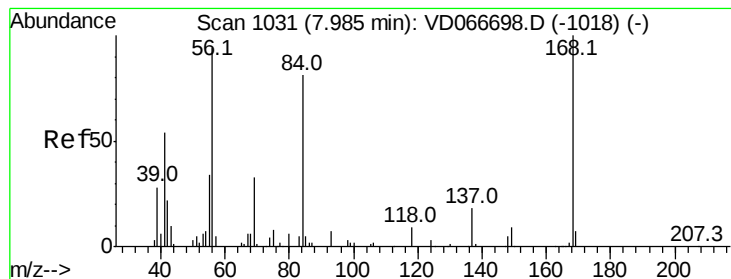
85 64.8 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 49.789 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

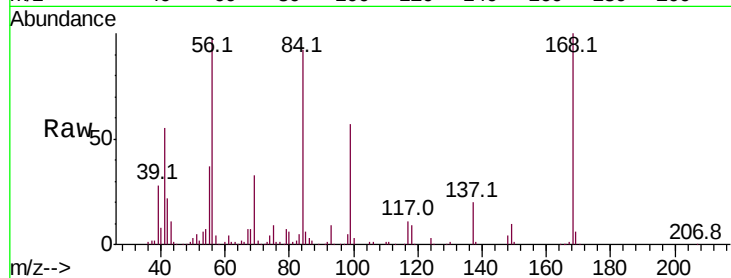
Tot Ion: 56 Resp: 358526

Ion Ratio Lower Upper

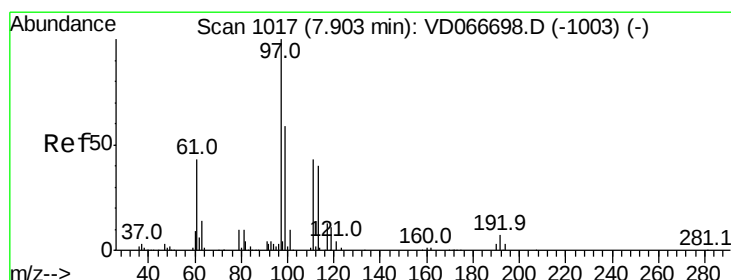
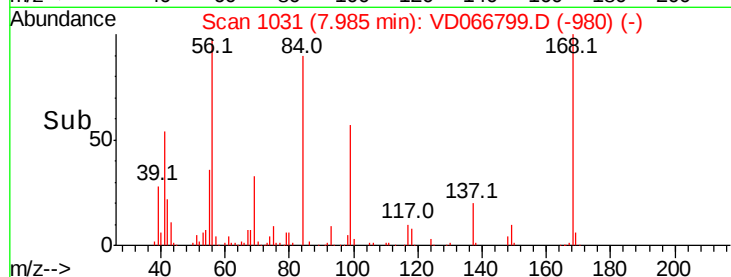
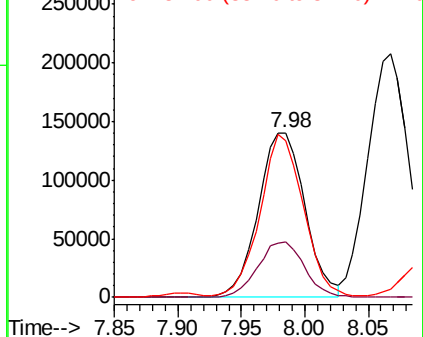
56 100

69 34.0 27.7 41.5

84 92.4 68.5 102.7



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: 54.508 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

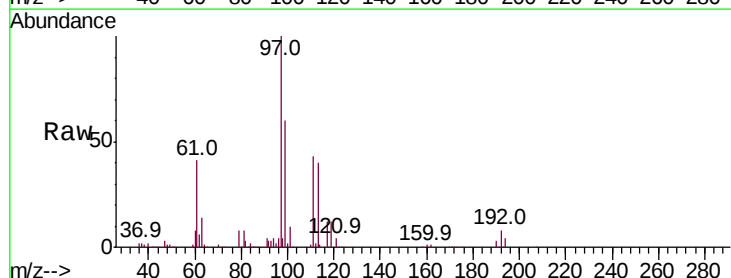
Tgt Ion: 97 Resp: 420257

Ion Ratio Lower Upper

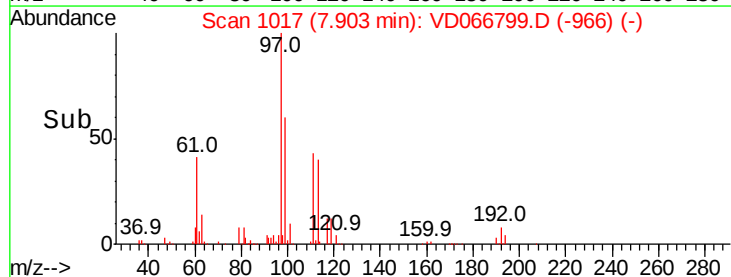
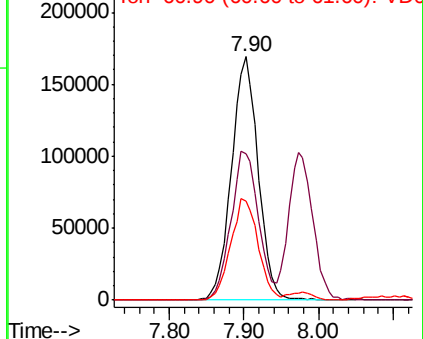
97 100

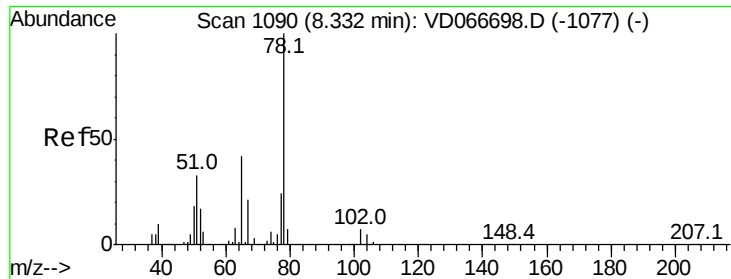
99 63.5 51.0 76.4

61 42.7 35.2 52.8



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

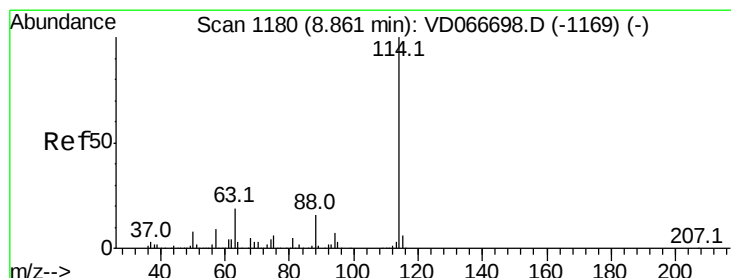
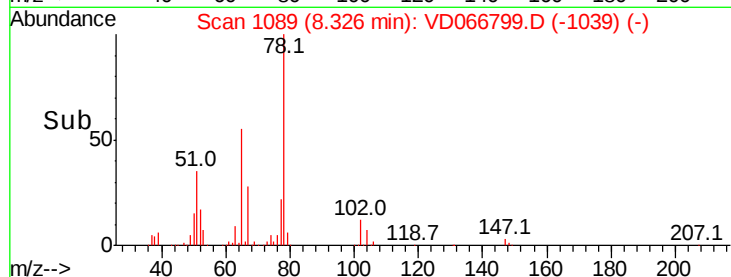
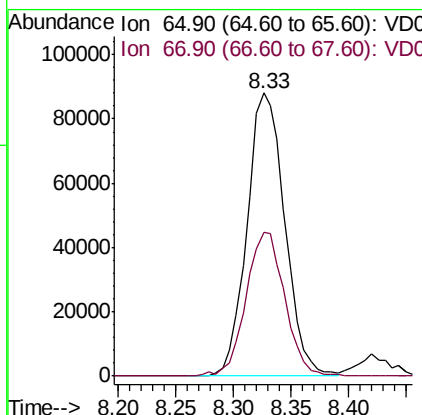
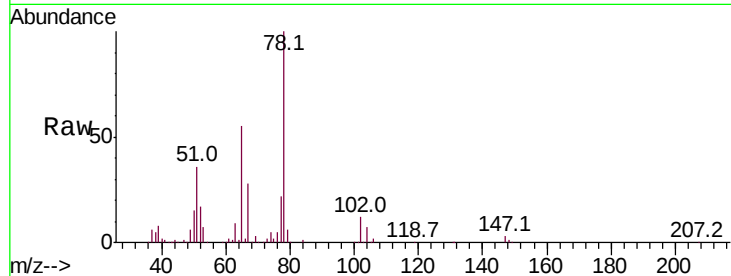




#33
 1,2-Dichloroethane-d4
 Concen: 49.316 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

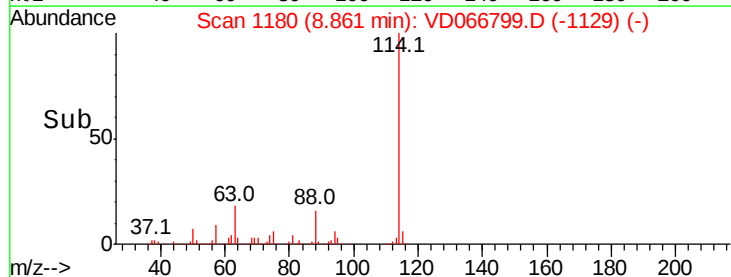
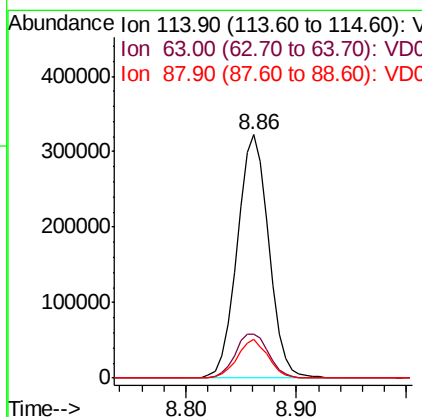
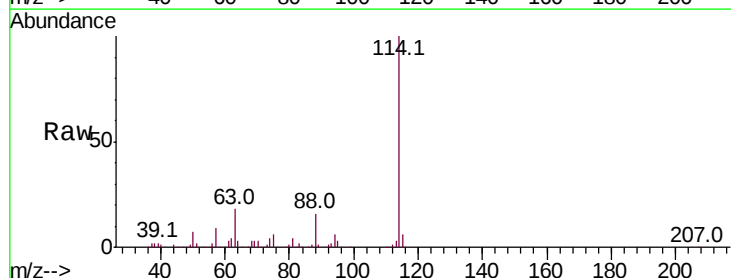
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

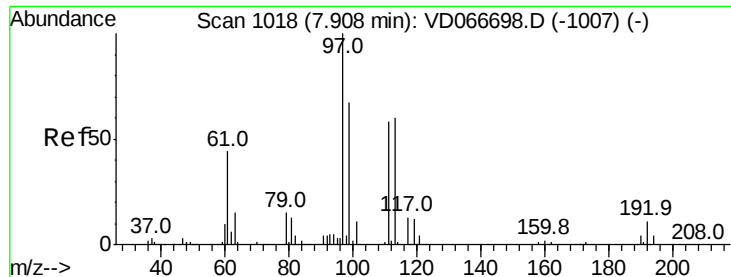
Tot Ion: 65 Resp: 201041
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion: 114 Resp: 647211
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.6
 88 15.9 0.0 32.2

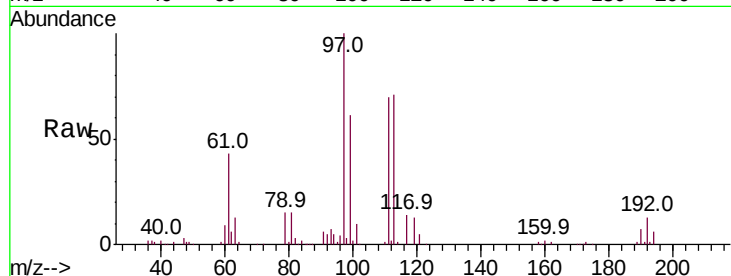




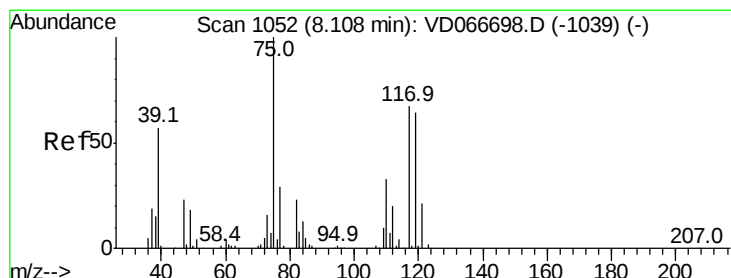
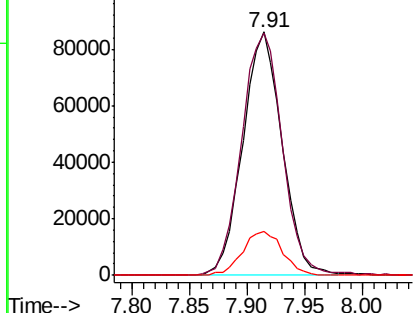
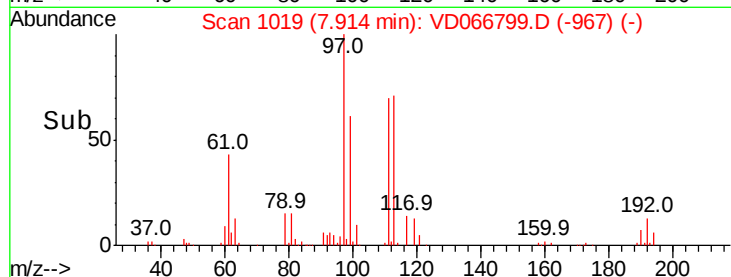
#35
 Dibromofluoromethane
 Concen: 51.327 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.2	124.8
192	18.5	14.8	22.2

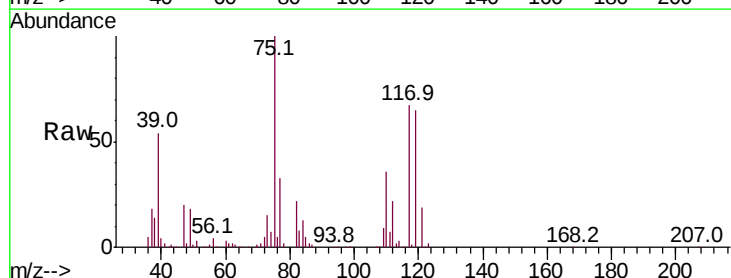


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

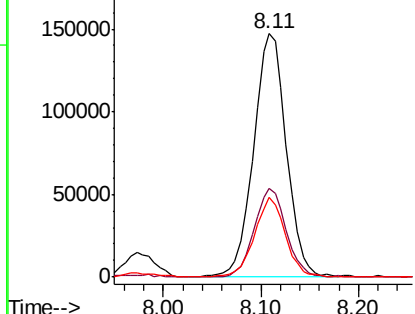
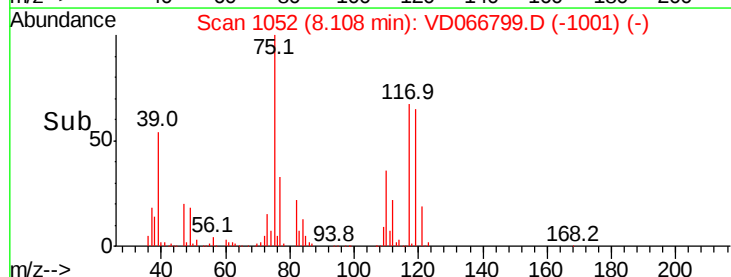


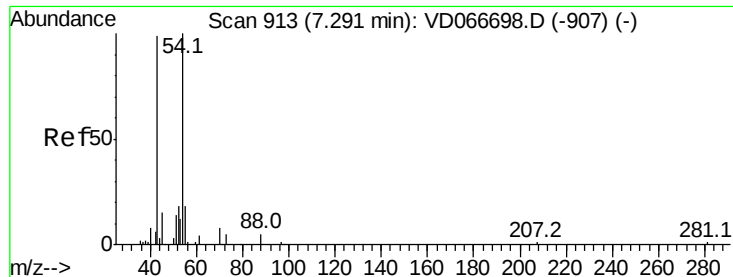
#36
 1,1-Dichloropropene
 Concen: 51.614 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.1	51.2
77	31.2	25.0	37.6



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

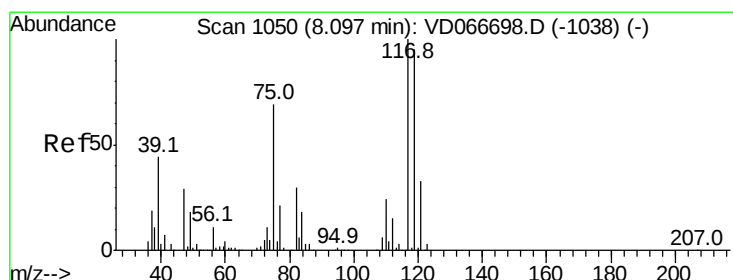
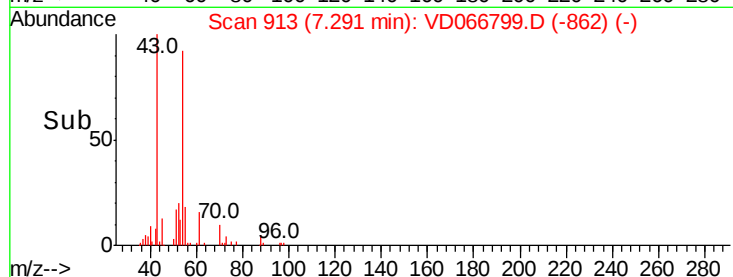
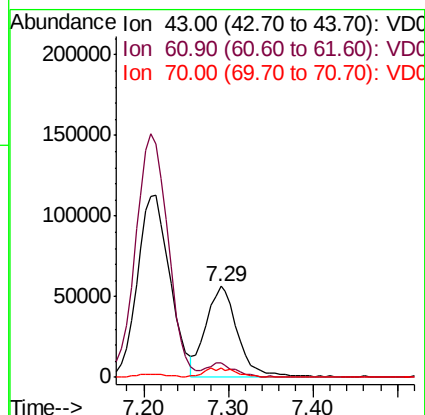
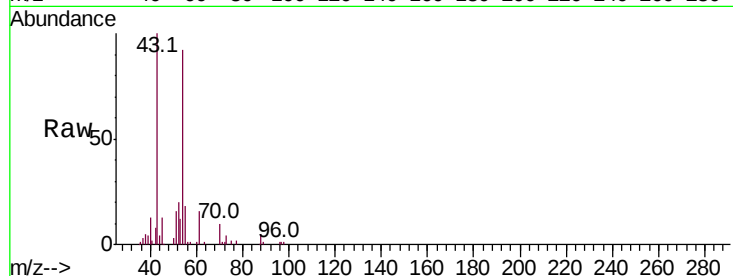




#37
Ethyl Acetate
Concen: 58.395 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

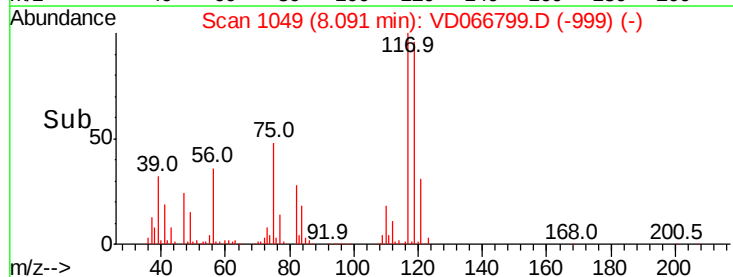
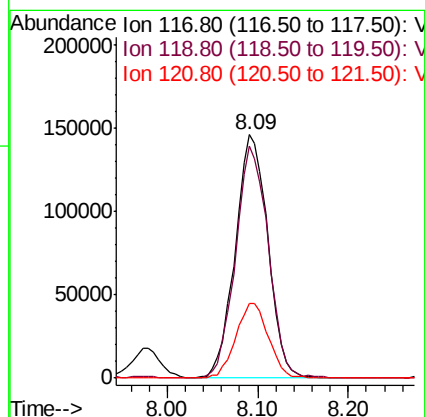
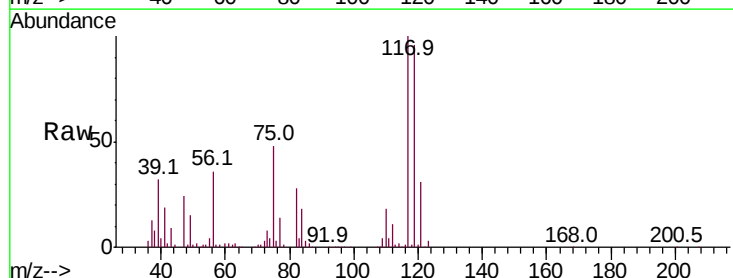
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

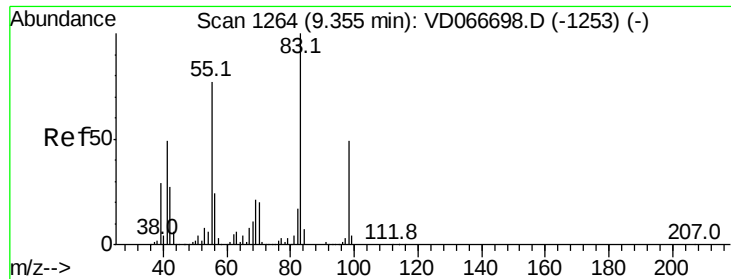
Tot Ion: 43 Resp: 147105
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 10.4 7.5 11.3



#38
Carbon Tetrachloride
Concen: 51.581 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion: 117 Resp: 364496
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6
121 30.9 26.2 39.4

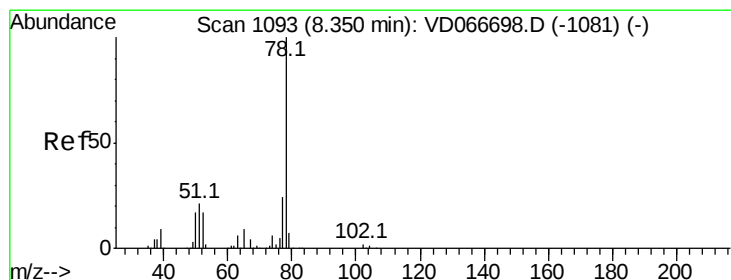
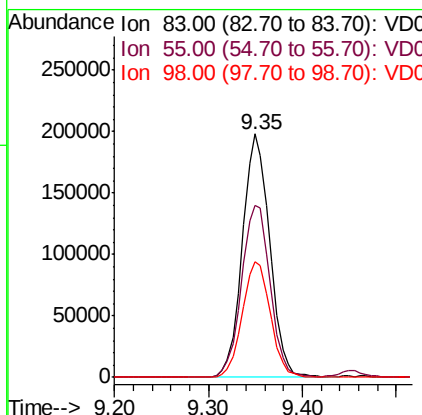
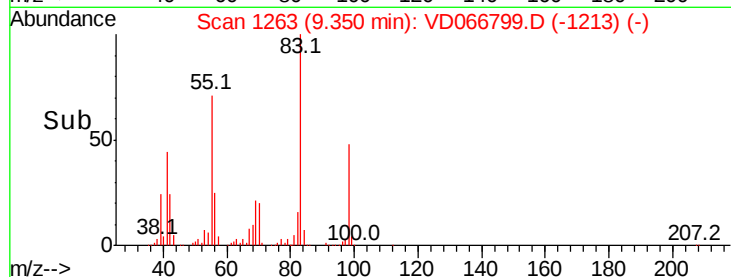
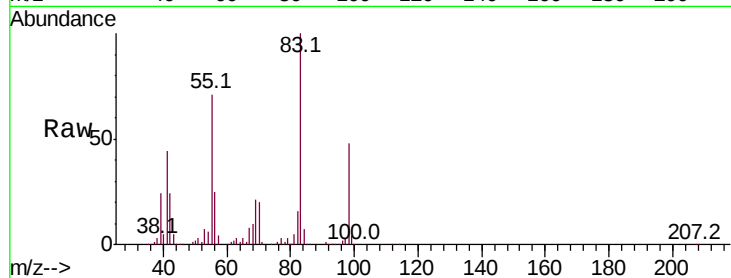




#39
Methvlcvclohexane
Concen: 52.411 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

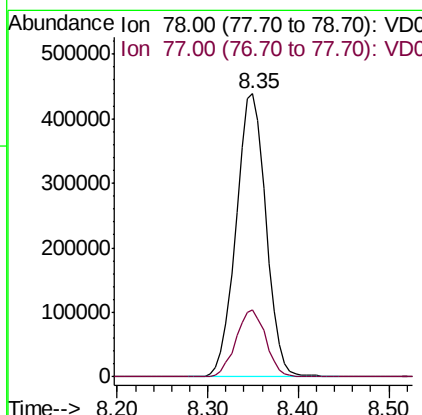
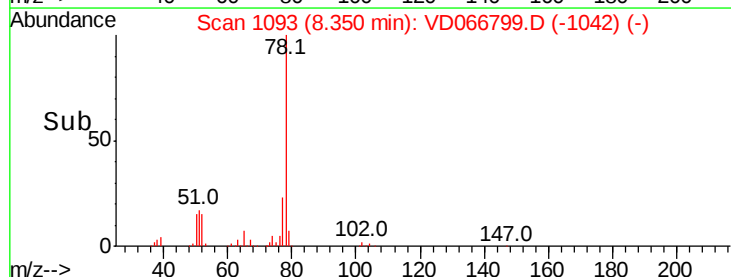
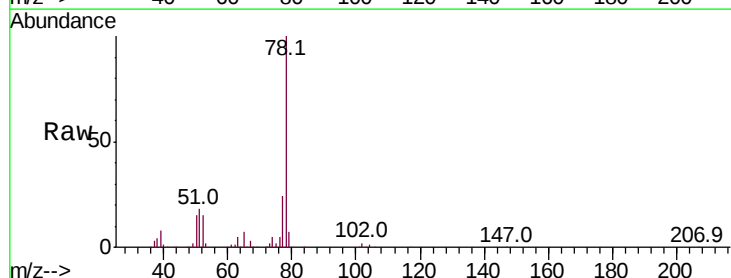
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

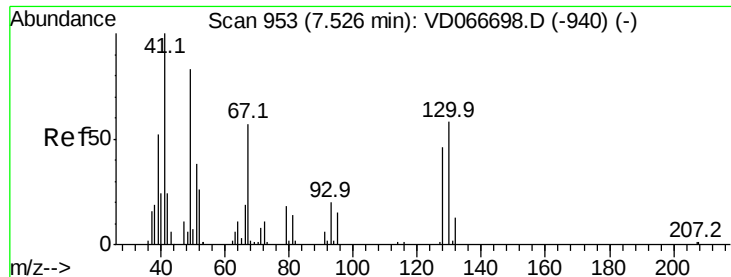
Tot Ion: 83 Resp: 398917
Ion Ratio Lower Upper
83 100
55 70.6 61.5 92.3
98 47.5 39.3 58.9



#40
Benzene
Concen: 55.835 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion: 78 Resp: 1005174
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41

Methacrylonitrile

Concen: 146.652 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.03 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 195584

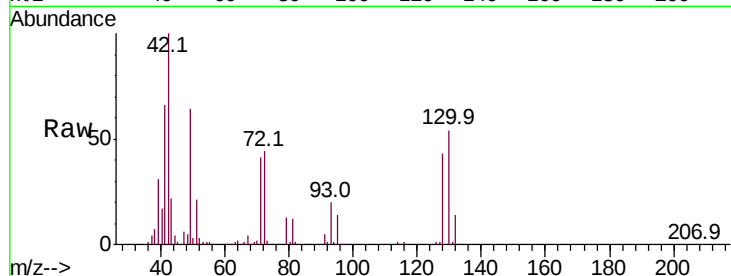
Ion Ratio Lower Upper

41 100

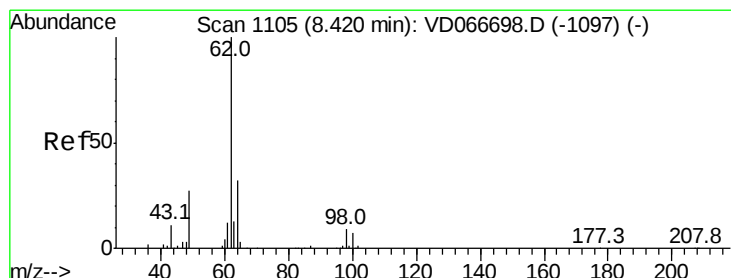
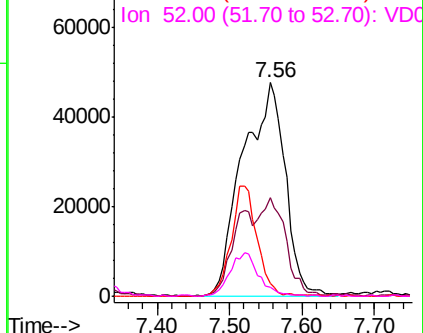
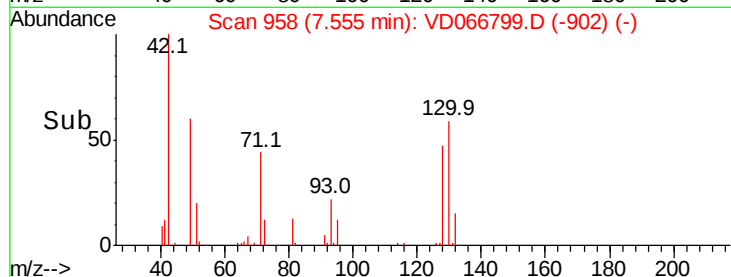
39 0.0 59.3 88.9#

67 0.0 62.3 93.5#

52 0.0 28.0 42.0#



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: 53.618 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VD066799.D

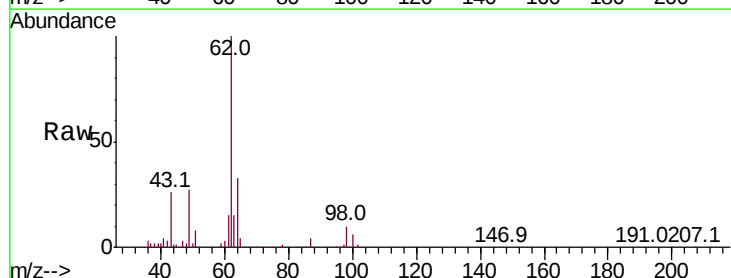
Acq: 21 Sep 2020 22:44

Tgt Ion: 62 Resp: 299048

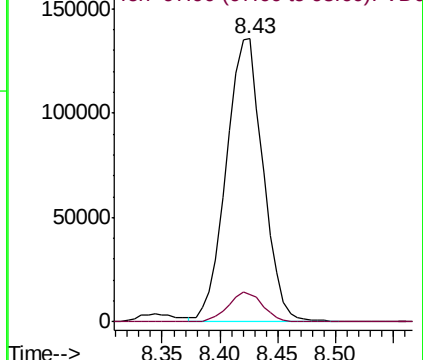
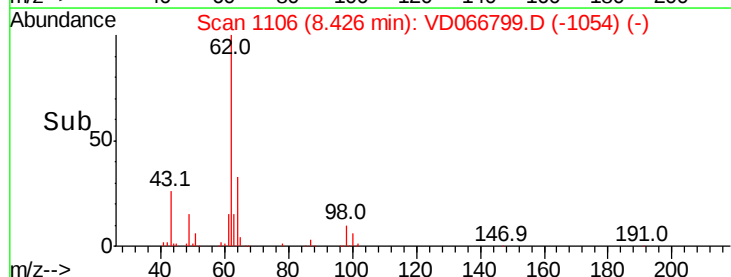
Ion Ratio Lower Upper

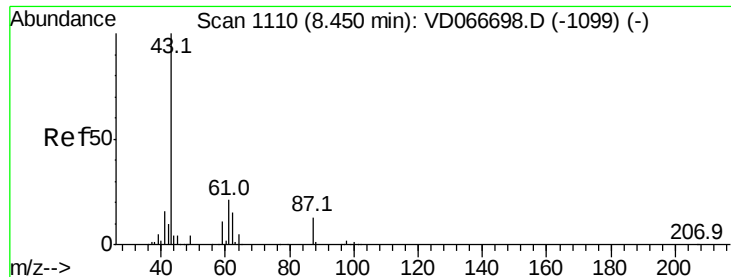
62 100

98 9.9 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 56.297 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

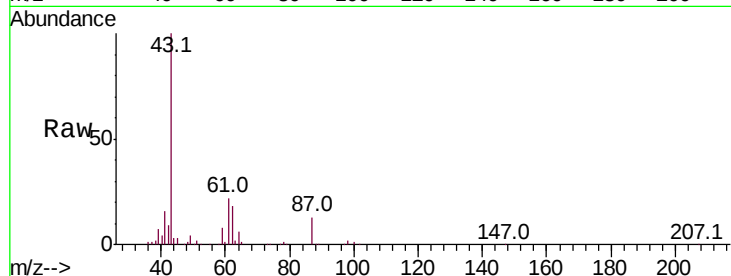
Tot Ion: 43 Resp: 266936

Ion Ratio Lower Upper

43 100

61 31.3 24.8 37.2

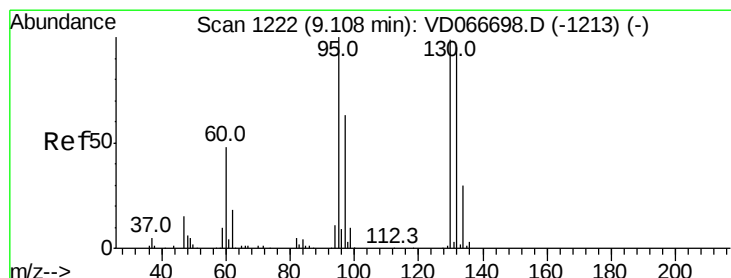
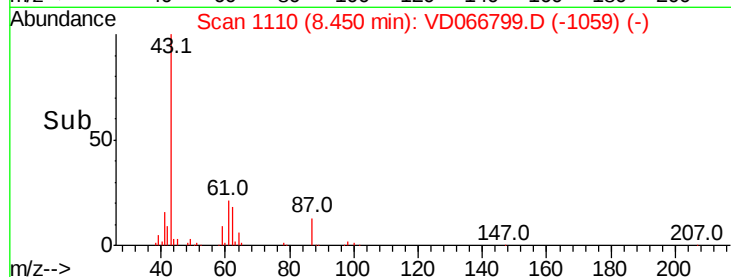
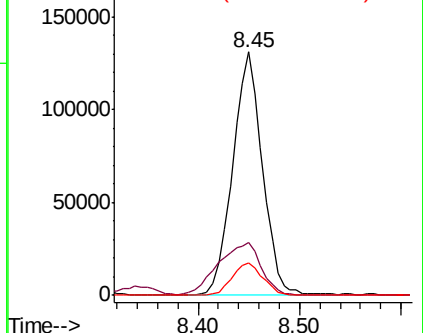
87 13.8 10.4 15.6



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: 57.452 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066799.D

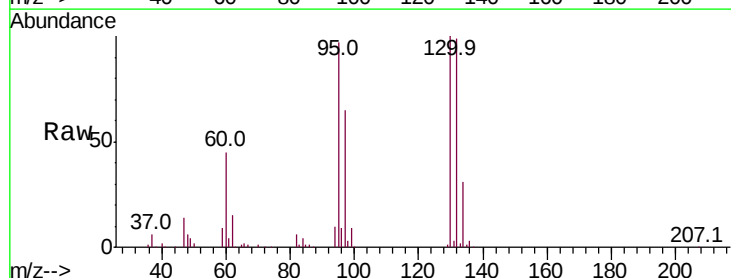
Acq: 21 Sep 2020 22:44

Tgt Ion:130 Resp: 276537

Ion Ratio Lower Upper

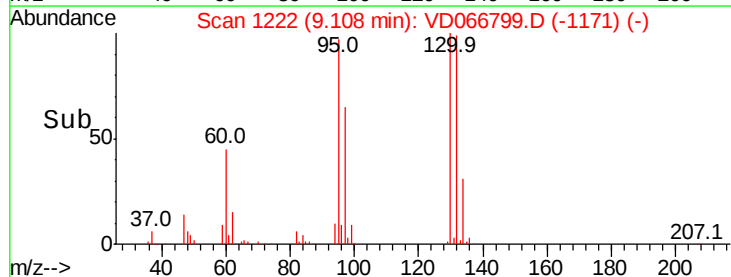
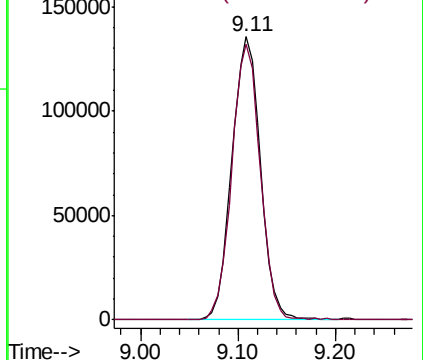
130 100

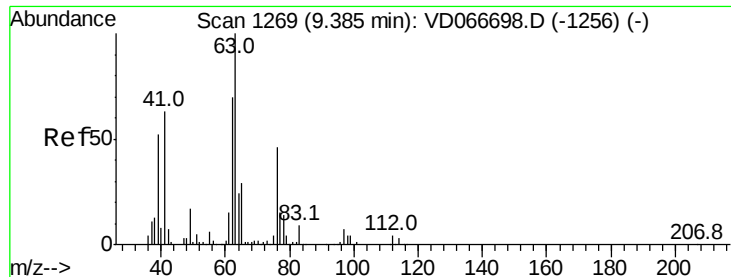
95 97.2 0.0 201.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 57.004 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

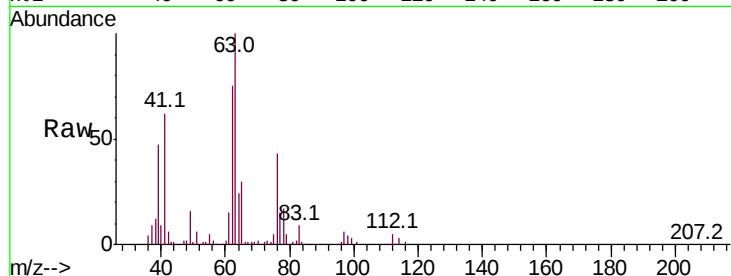
VSTDCCC050EC

Tot Ion: 63 Resp: 253699

Ion Ratio Lower Upper

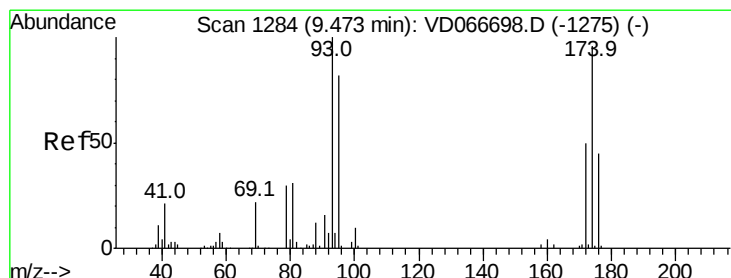
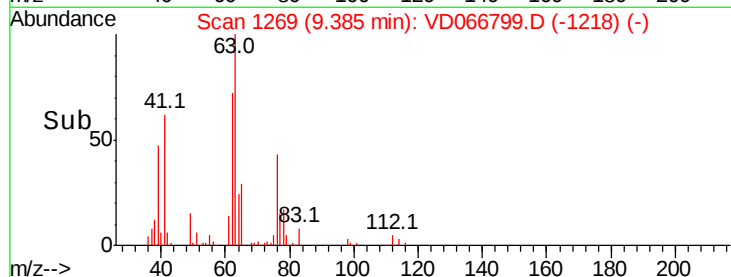
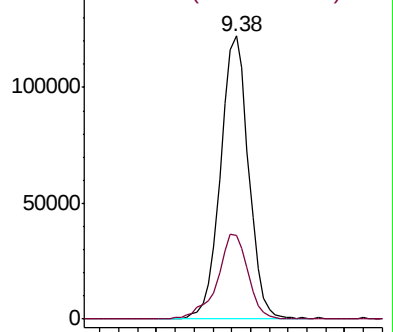
63 100

65 29.7 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 58.516 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

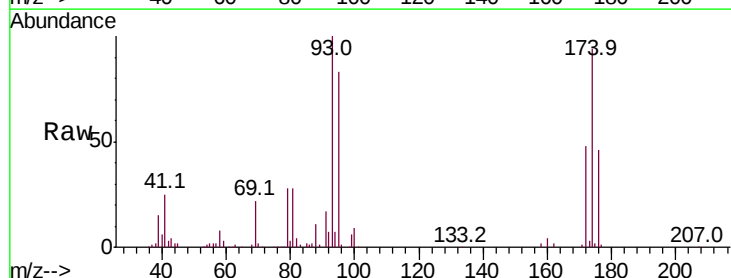
Tgt Ion: 93 Resp: 143105

Ion Ratio Lower Upper

93 100

95 81.1 66.0 99.0

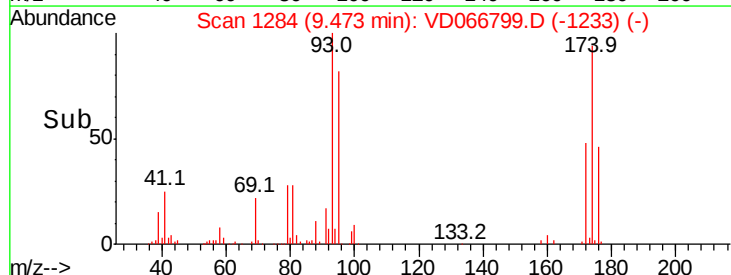
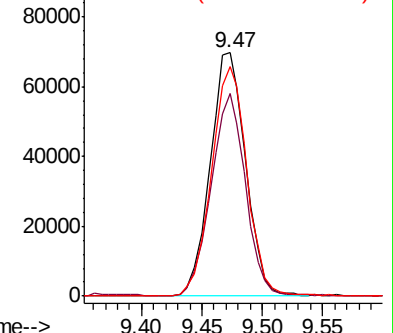
174 94.0 72.3 108.5

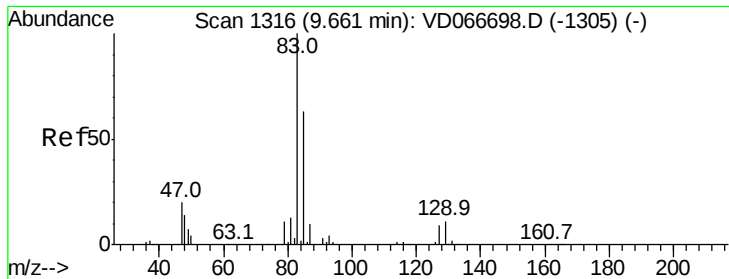


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.025 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

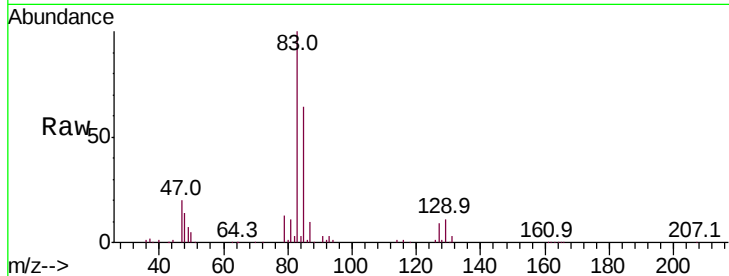
Tot Ion: 83 Resp: 373354

Ion Ratio Lower Upper

83 100

85 64.3 50.1 75.1

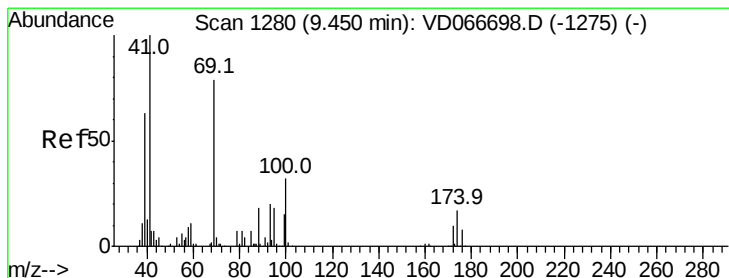
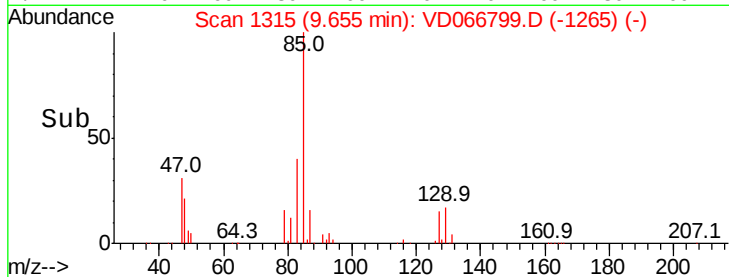
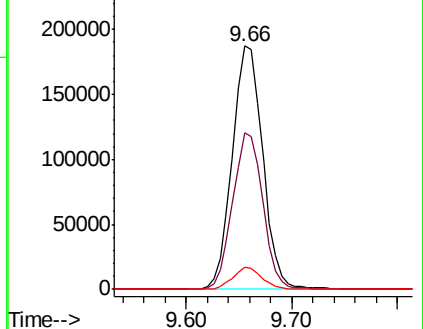
127 9.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 55.369 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

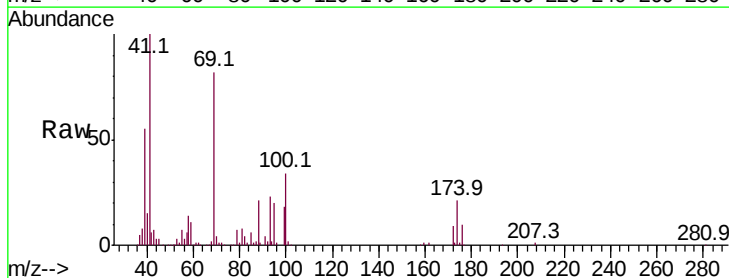
Tgt Ion: 41 Resp: 133540

Ion Ratio Lower Upper

41 100

69 88.5 62.4 93.6

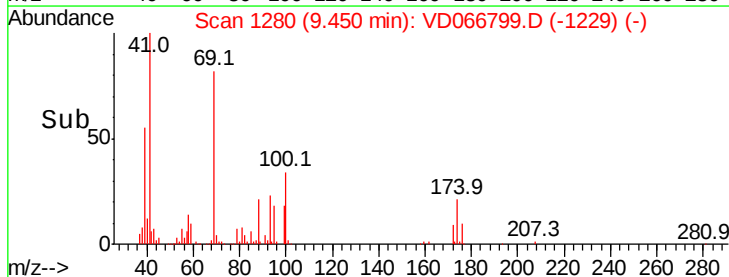
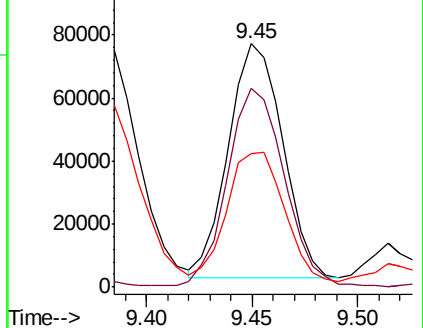
39 57.7 44.8 67.2

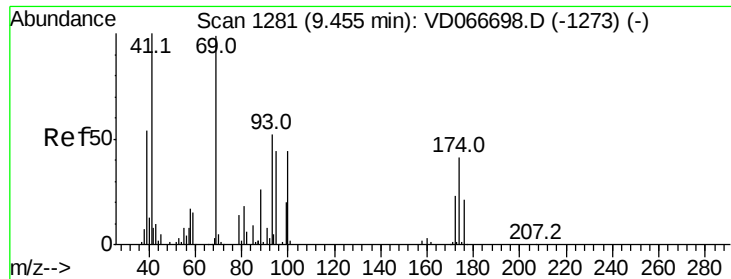


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

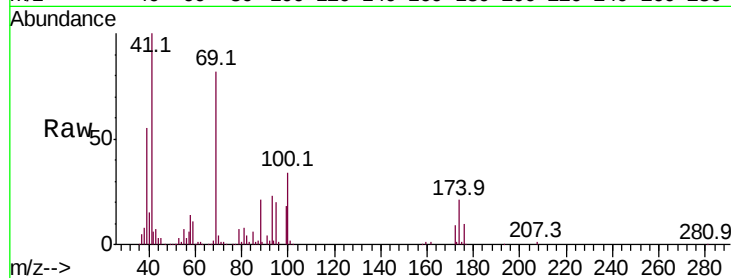




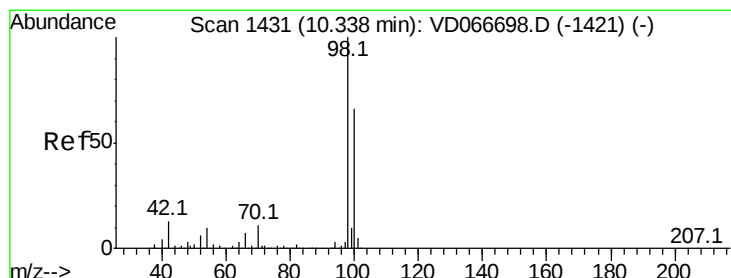
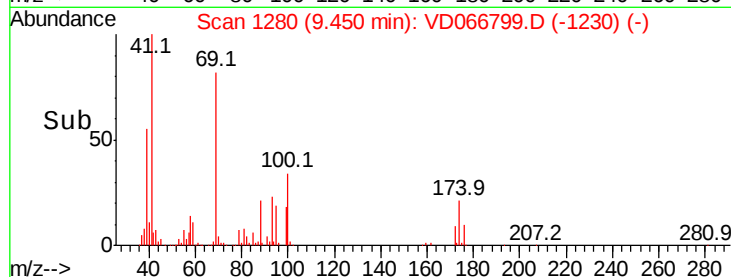
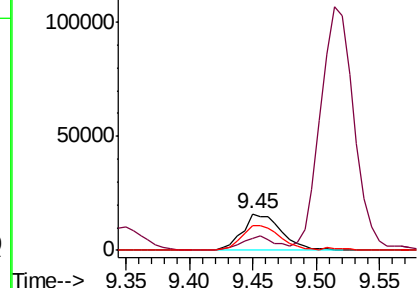
#49
 1,4-Dioxane
 Concen: 1311.449 ug/l
 RT: 9.45 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 34356
 Ion Ratio Lower Upper
 88 100
 43 34.3 29.3 43.9
 58 67.6 51.4 77.2

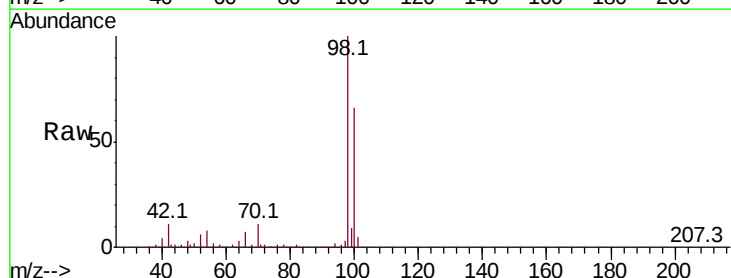


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

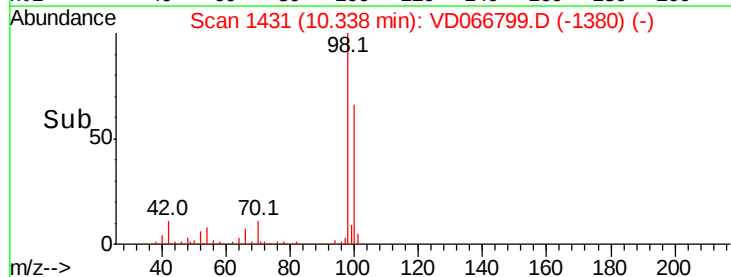
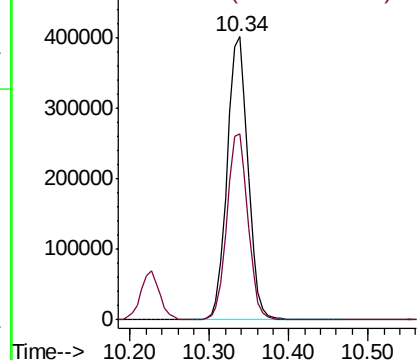


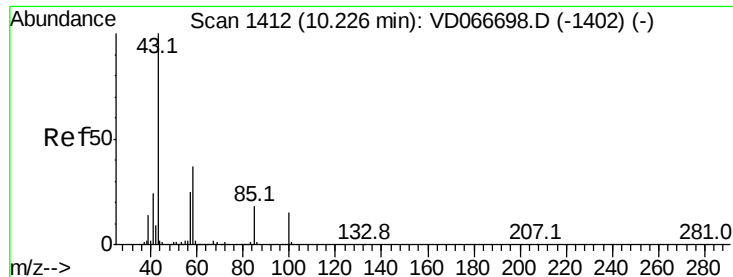
#50
 Toluene-d8
 Concen: 51.651 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion: 98 Resp: 730195
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.7 79.1



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: 284.973 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

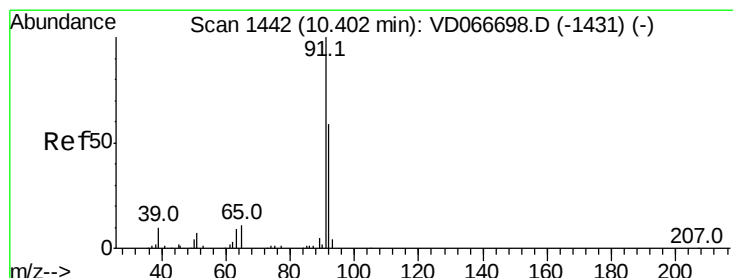
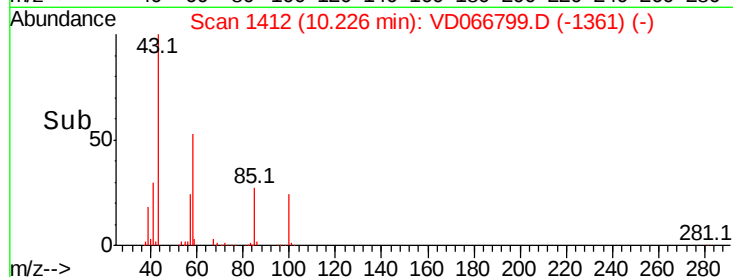
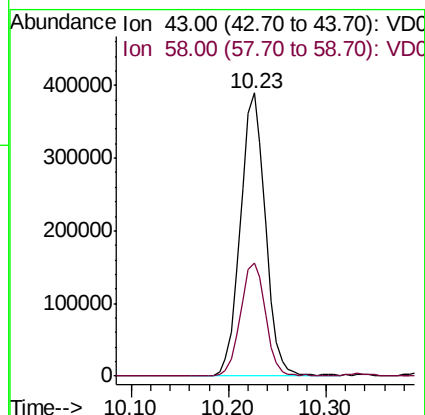
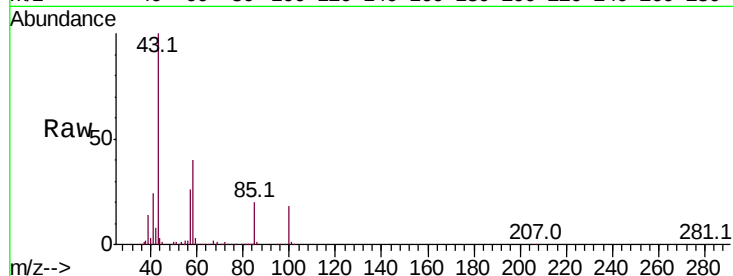
VSTDCCC050EC

Tot Ion: 43 Resp: 695652

Ion Ratio Lower Upper

43 100

58 40.1 30.4 45.6



#52

Toluene

Concen: 56.659 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066799.D

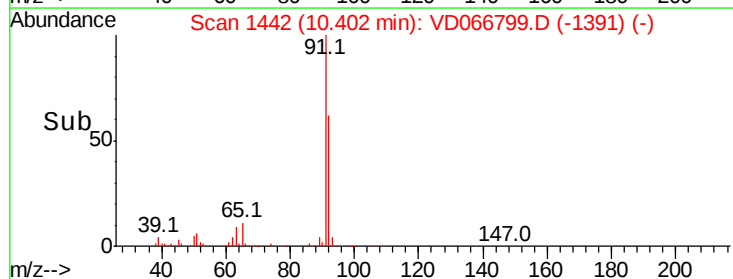
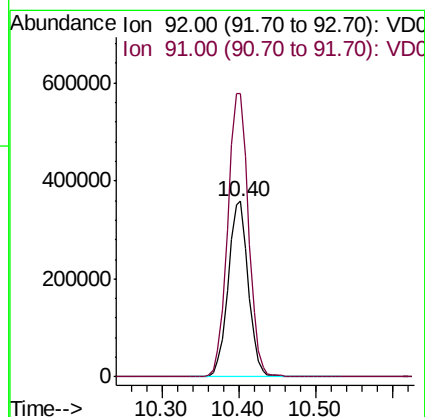
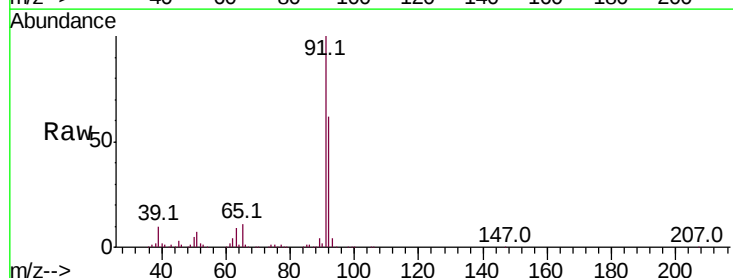
Acq: 21 Sep 2020 22:44

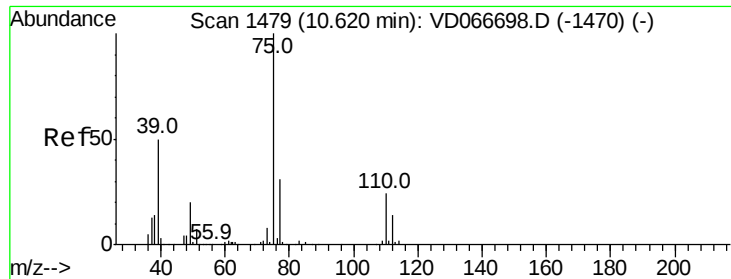
Tgt Ion: 92 Resp: 653430

Ion Ratio Lower Upper

92 100

91 167.2 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 53.849 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

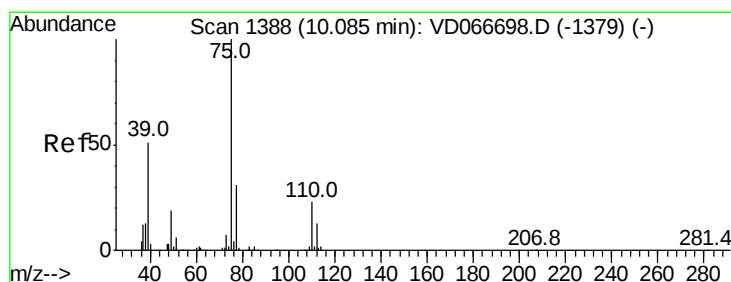
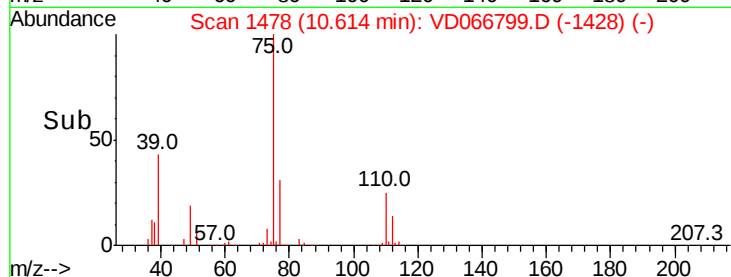
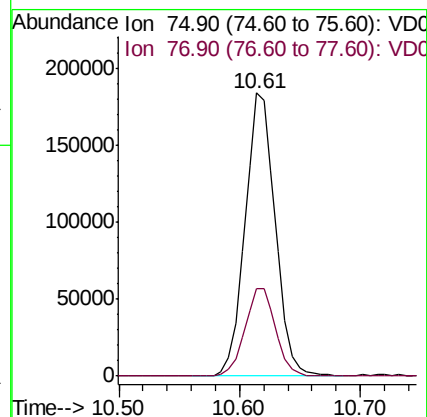
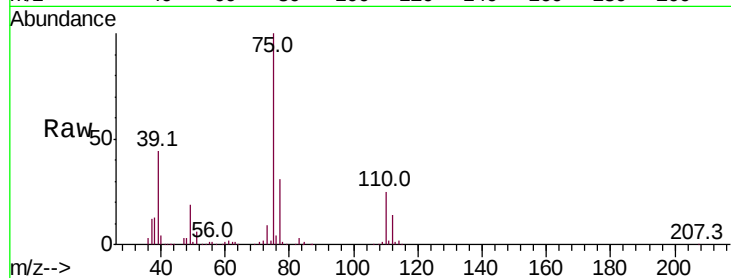
VSTDCCC050EC

Tot Ion: 75 Resp: 320572

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 54.133 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

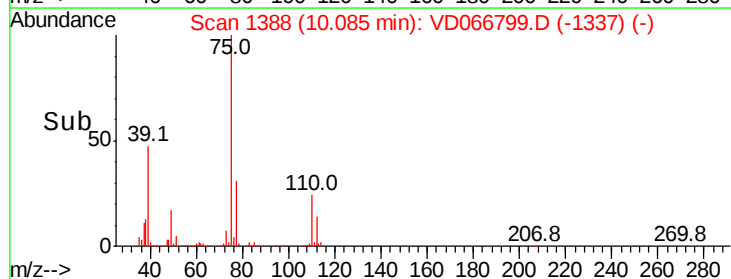
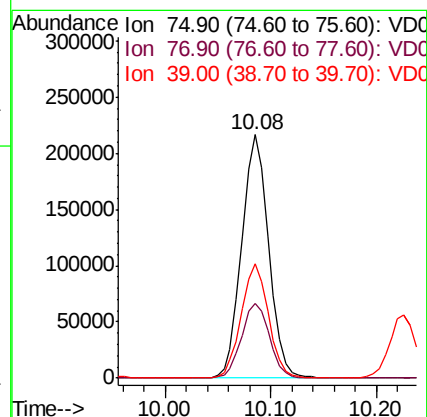
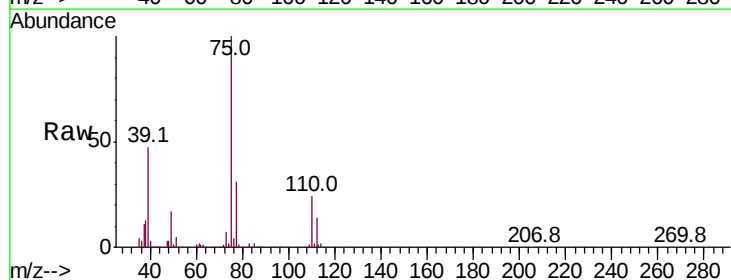
Tgt Ion: 75 Resp: 382770

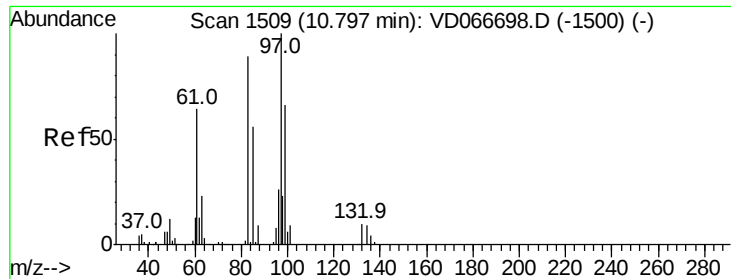
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

39 47.0 40.6 61.0





#55

1,1,2-Trichloroethane

Concen: 58.934 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 190030

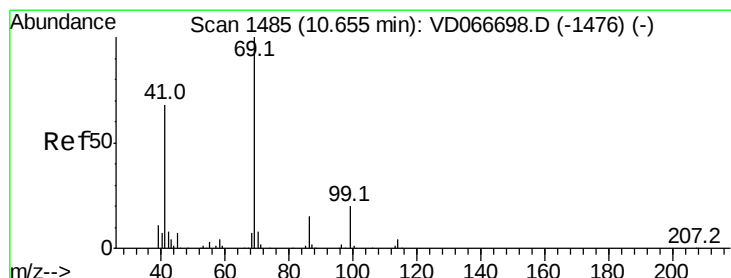
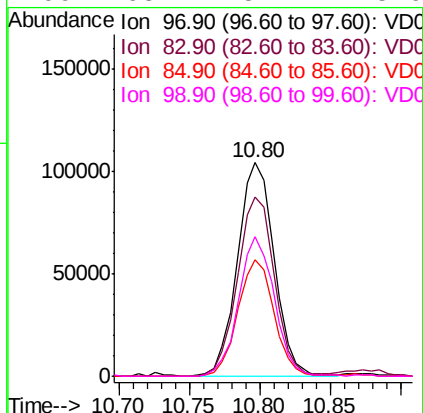
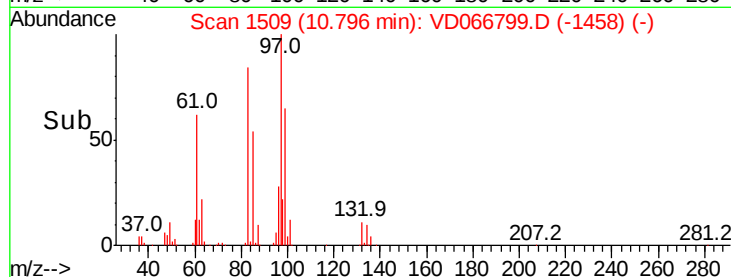
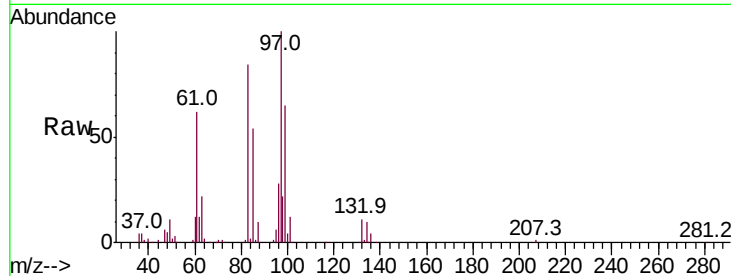
Ion	Ratio	Lower	Upper
97	100		
83	84.1	71.4	107.2
85	54.4	44.7	67.1
99	65.4	52.4	78.6

97 100

83 84.1 71.4 107.2

85 54.4 44.7 67.1

99 65.4 52.4 78.6



#56

Ethyl methacrylate

Concen: 61.549 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

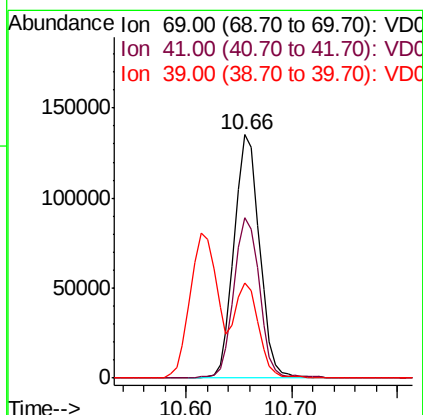
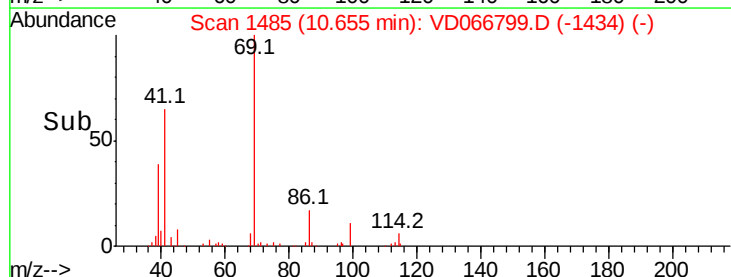
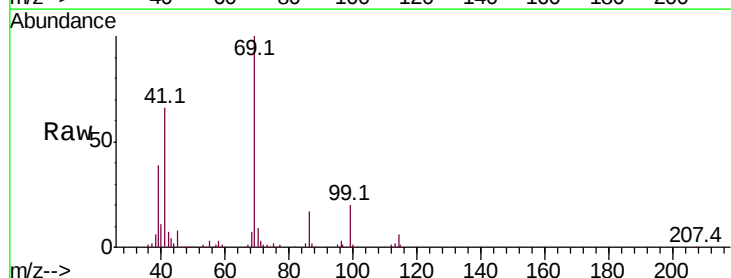
Tgt Ion: 69 Resp: 225214

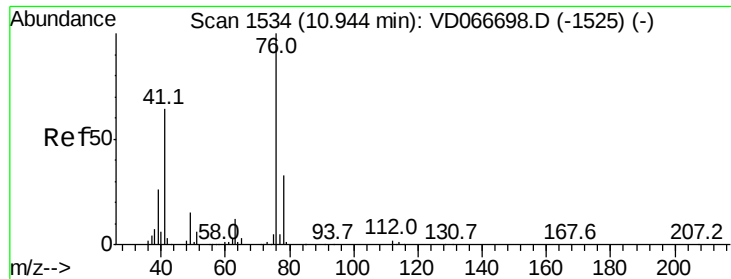
Ion	Ratio	Lower	Upper
69	100		
41	67.2	55.5	83.3
39	36.7	29.7	44.5

69 100

41 67.2 55.5 83.3

39 36.7 29.7 44.5





#57

1,3-Dichloropropane

Concen: 57.243 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

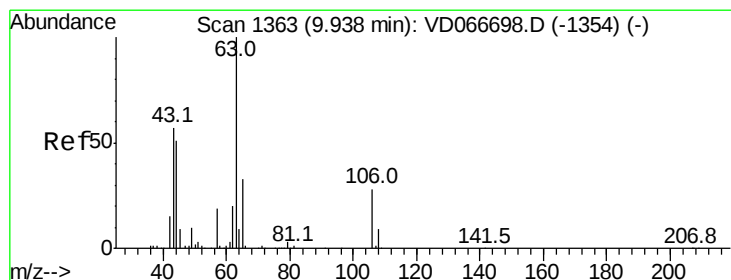
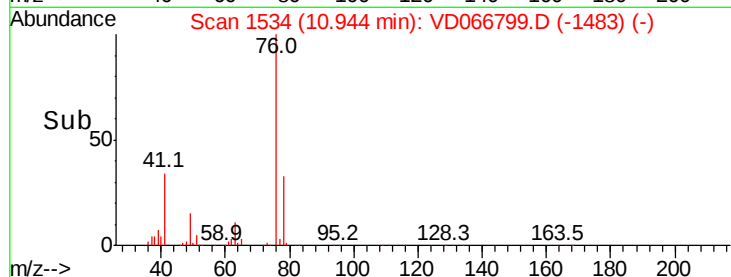
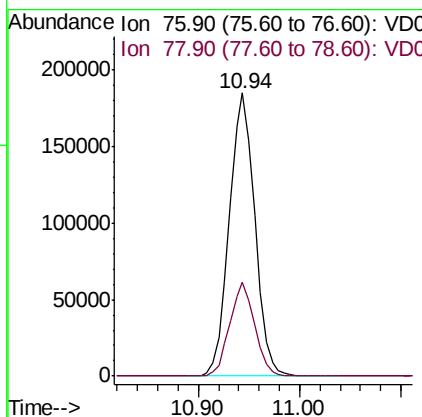
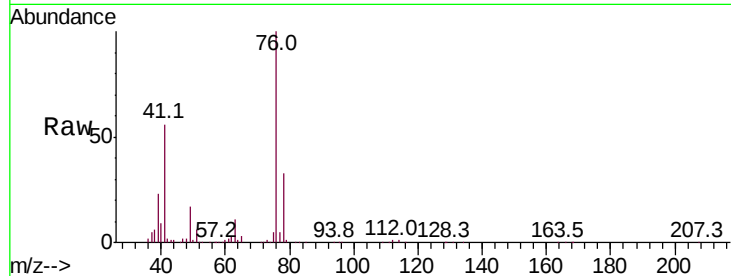
Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 323916

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 273.776 ug/l

RT: 9.94 min Scan# 1363

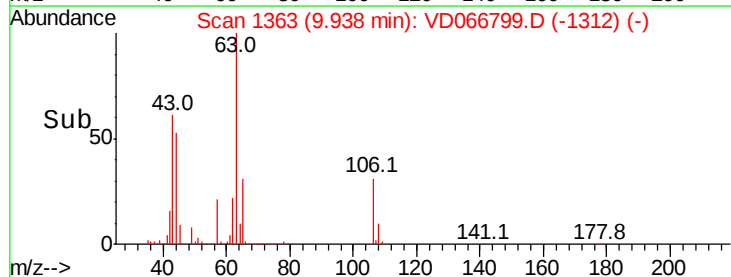
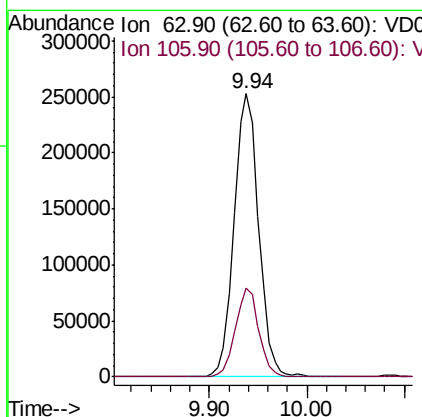
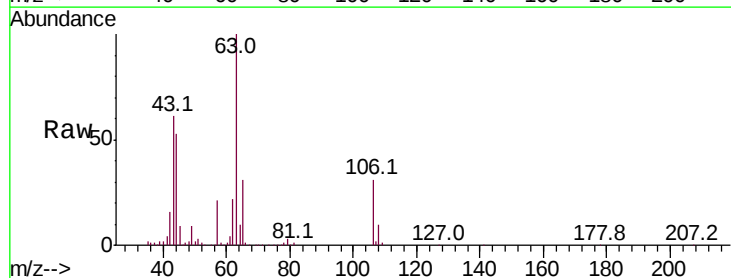
Delta R.T. -0.00 min

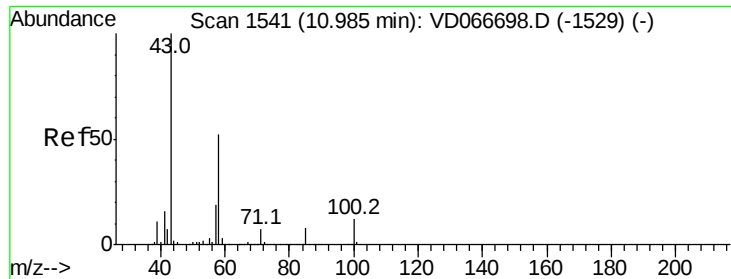
Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Tgt Ion: 63 Resp: 439970

Ion	Ratio	Lower	Upper
63	100		
106	30.0	22.2	33.4

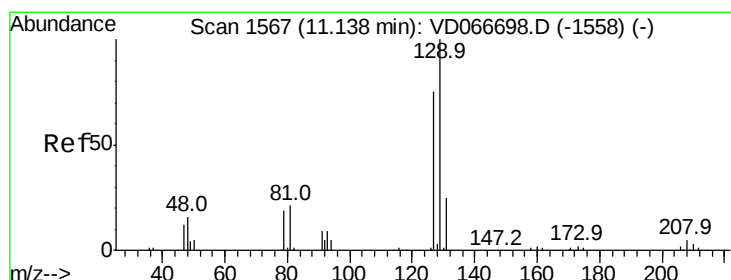
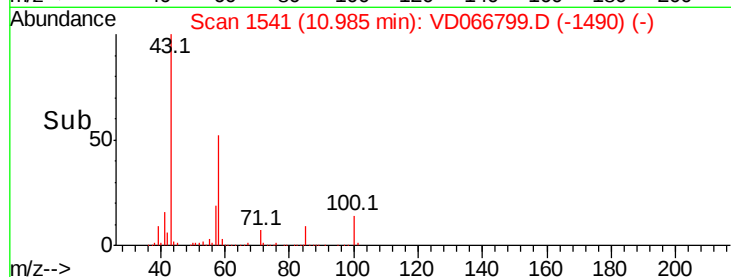
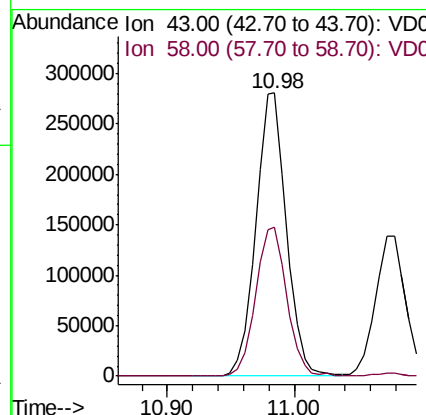
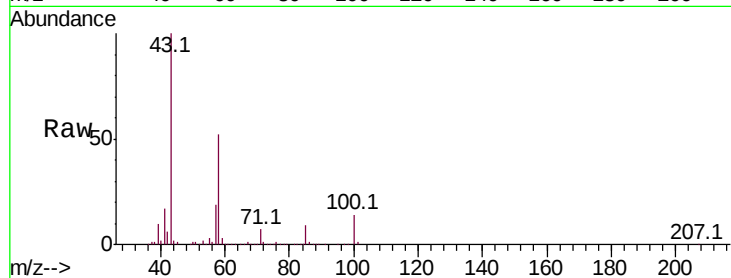




#59
2-Hexanone
Concen: 287.789 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

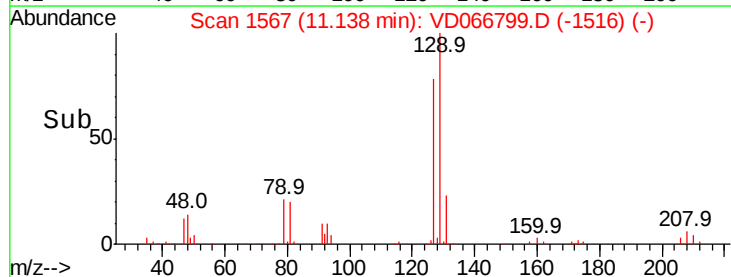
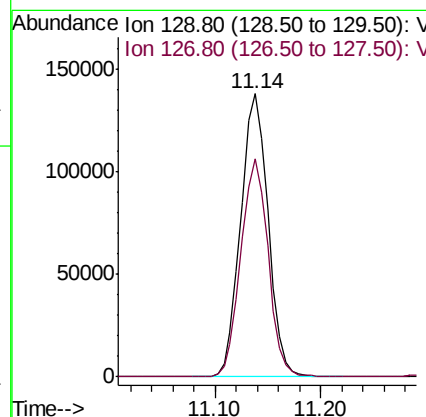
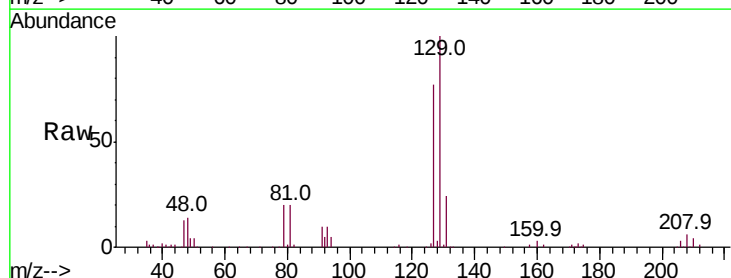
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

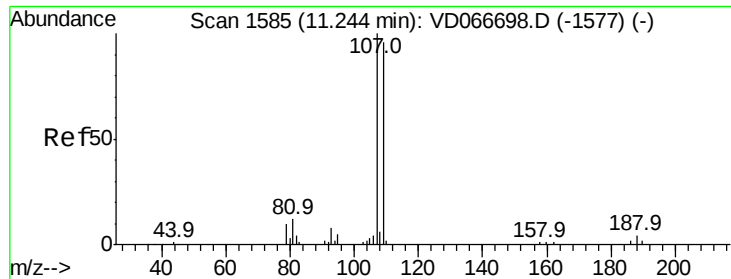
Tot Ion: 43 Resp: 472038
Ion Ratio Lower Upper
43 100
58 53.6 26.2 78.5



#60
Dibromochloromethane
Concen: 59.165 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion: 129 Resp: 248576
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.3

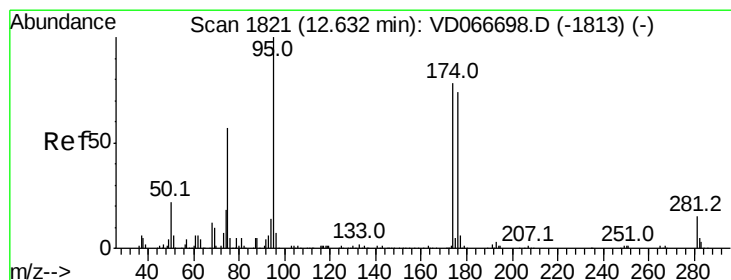
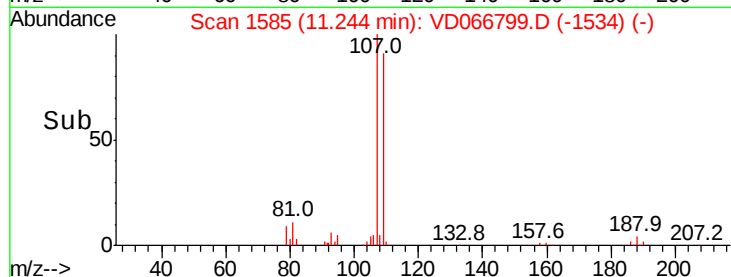
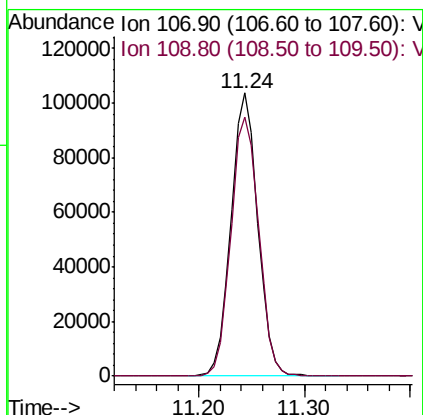
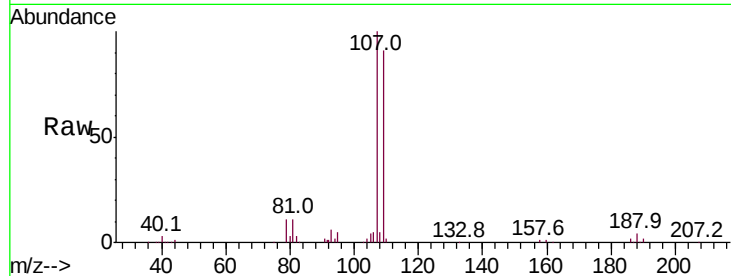




#61
 1,2-Dibromoethane
 Concen: 58.458 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

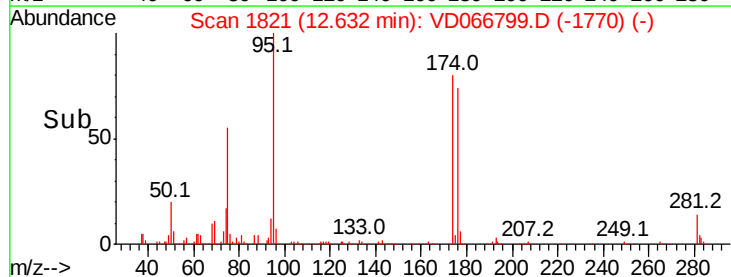
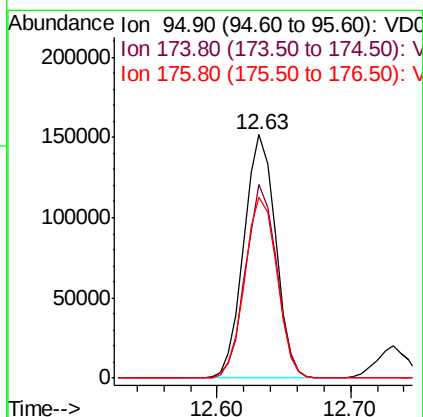
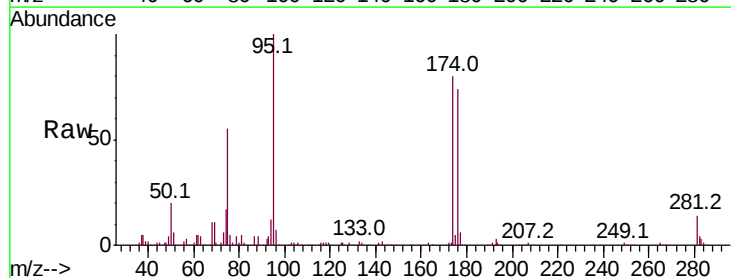
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

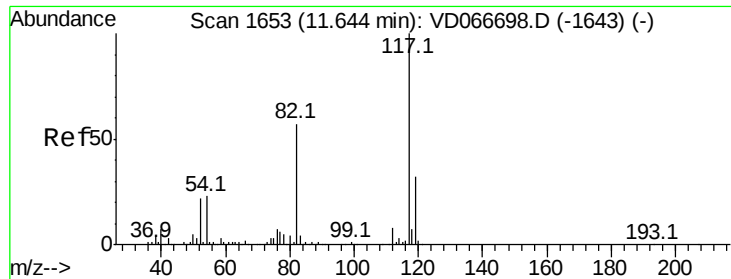
Tot Ion:107 Resp: 180812
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.128 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion: 95 Resp: 249500
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 156.6
 176 75.5 0.0 150.2

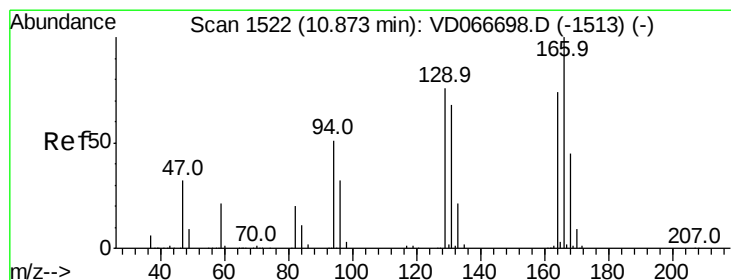
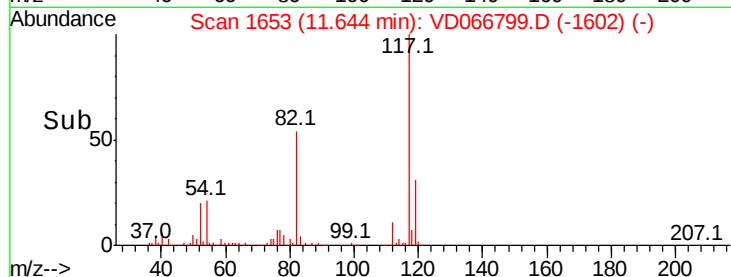
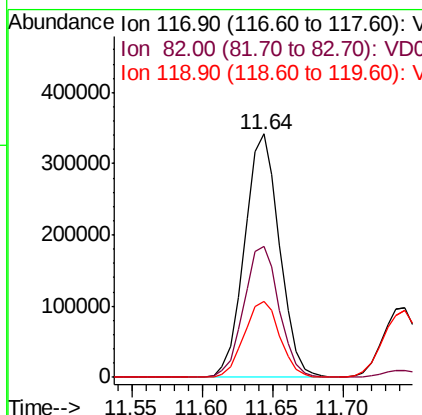
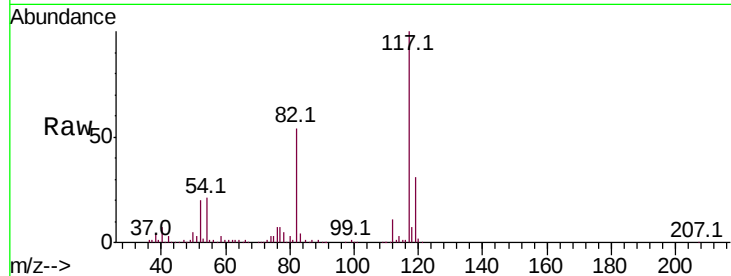




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

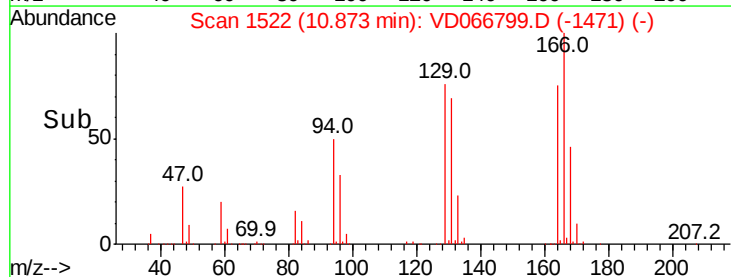
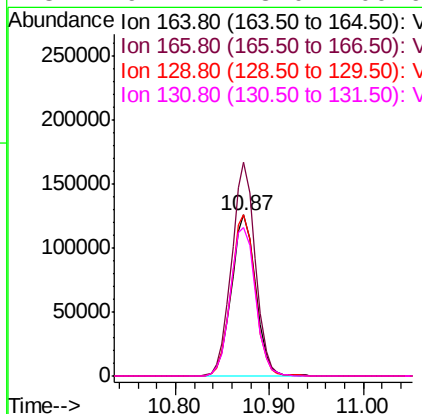
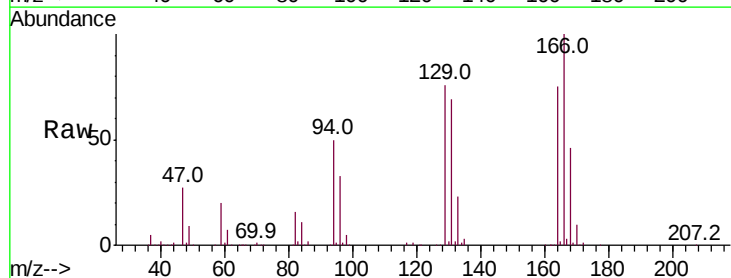
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

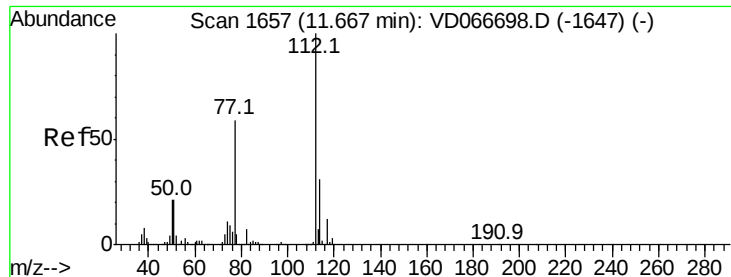
Tot Ion:117 Resp: 593197
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.0
119 31.2 25.8 38.6



#64
Tetrachloroethene
Concen: 55.487 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion:164 Resp: 224688
Ion Ratio Lower Upper
164 100
166 132.7 107.5 161.3
129 100.5 81.4 122.0
131 92.1 73.0 109.6





#65

Chlorobenzene

Concen: 55.148 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

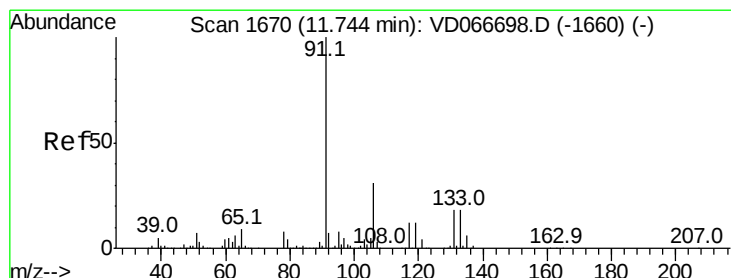
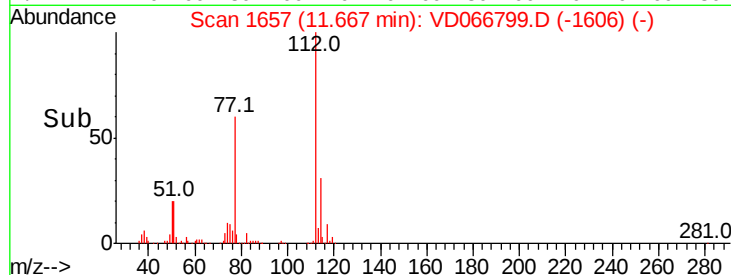
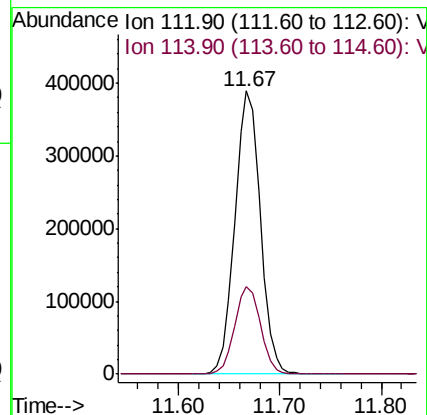
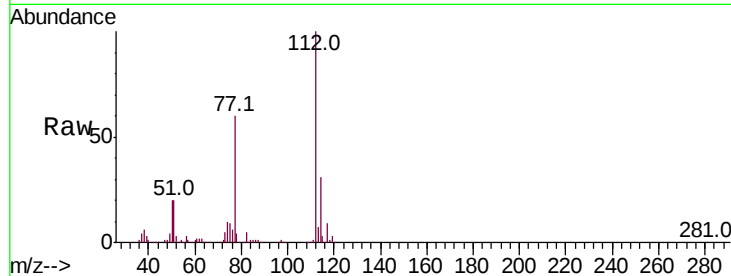
VSTDCCC050EC

Tot Ion:112 Resp: 677309

Ion Ratio Lower Upper

112 100

114 30.8 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 57.096 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

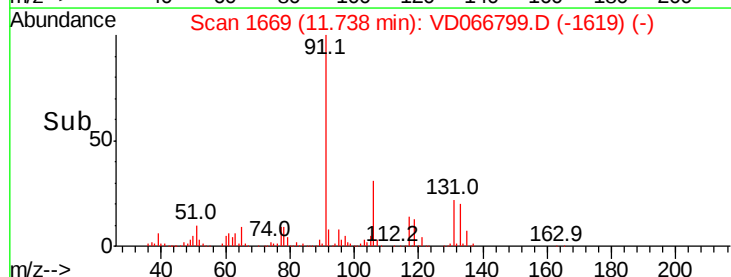
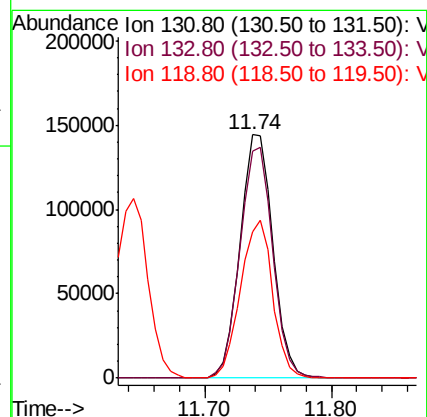
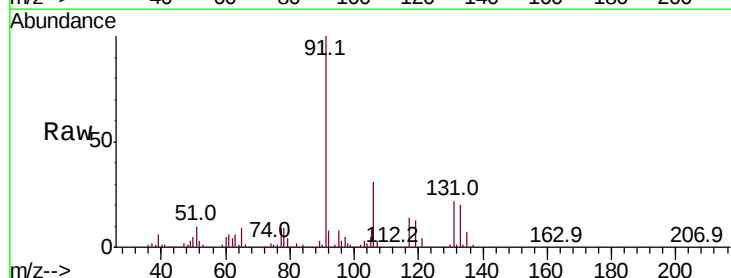
Tgt Ion:131 Resp: 258731

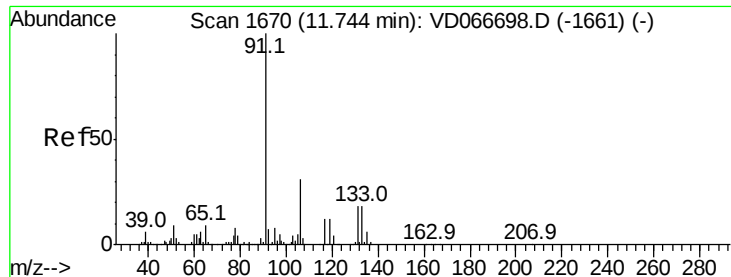
Ion Ratio Lower Upper

131 100

133 94.7 47.8 143.3

119 63.8 33.6 100.8





#67

Ethyl Benzene

Concen: 54.822 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

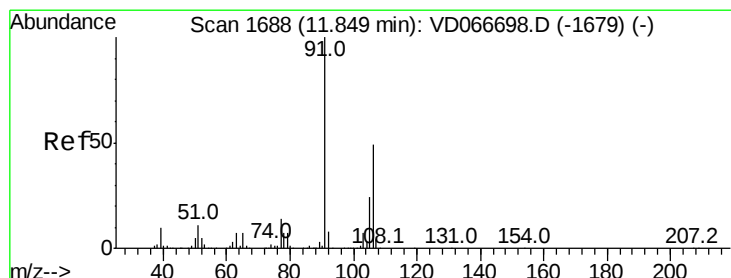
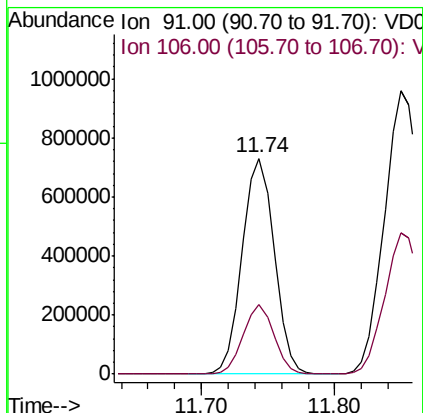
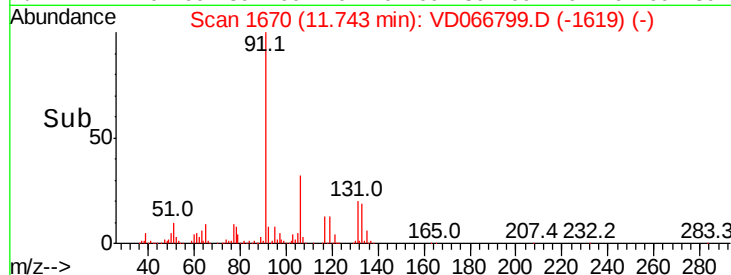
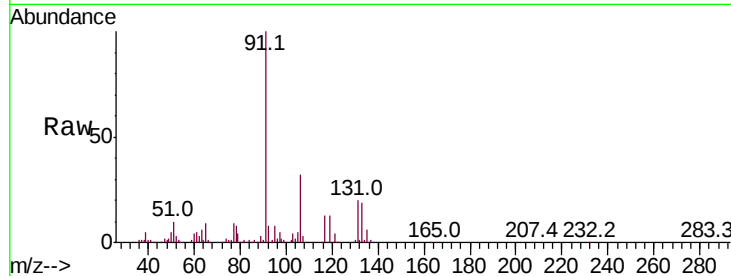
VSTDCCC050EC

Tot Ion: 91 Resp: 1219581

Ion Ratio Lower Upper

91 100

106 32.4 25.1 37.7



#68

m/p-Xylenes

Concen: 109.305 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066799.D

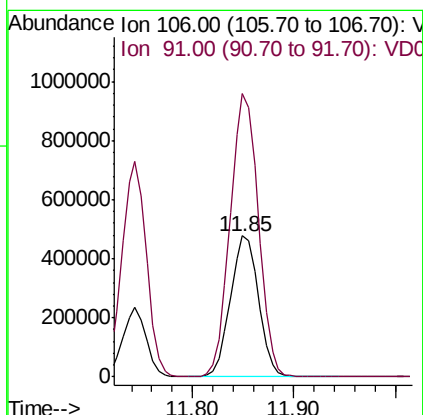
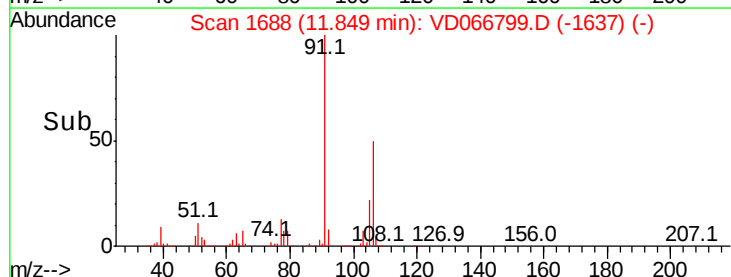
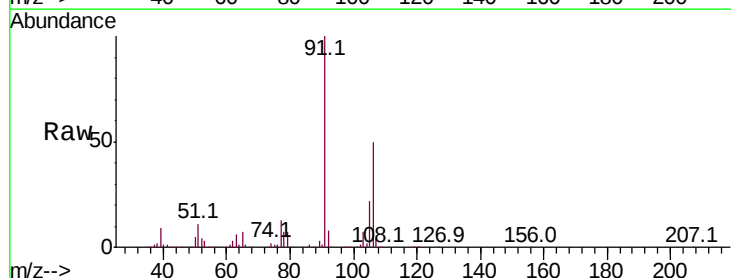
Acq: 21 Sep 2020 22:44

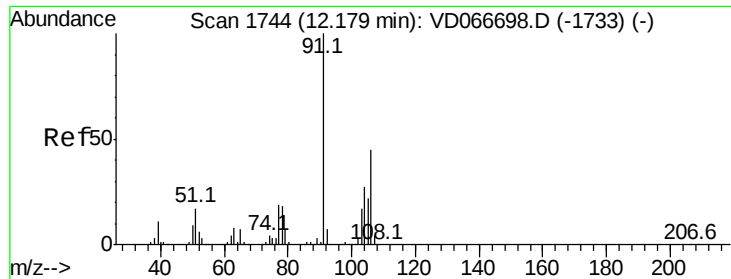
Tgt Ion: 106 Resp: 919022

Ion Ratio Lower Upper

106 100

91 201.8 164.8 247.2

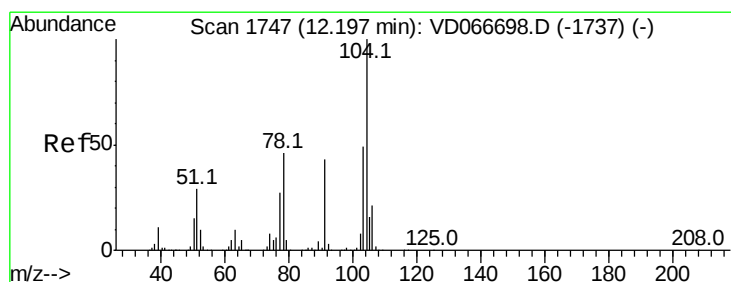
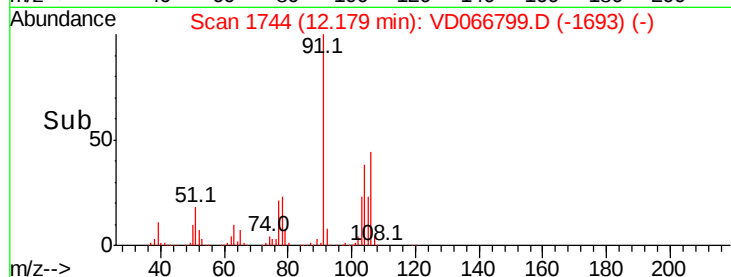
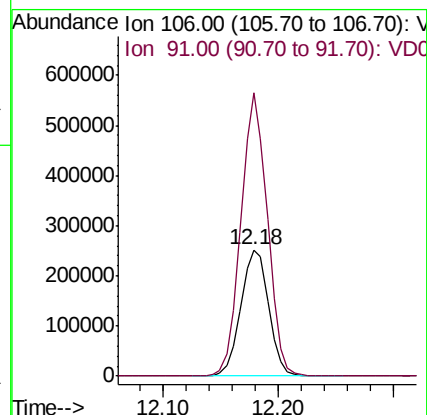
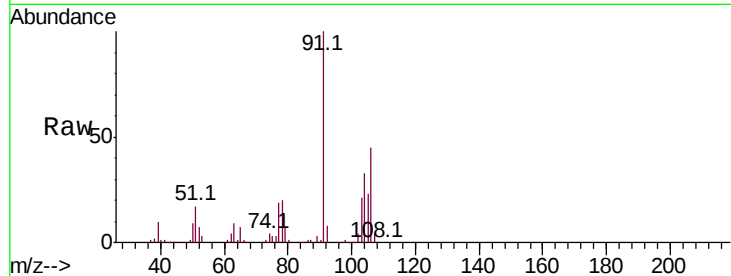




#69
o-Xylene
Concen: 56.358 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

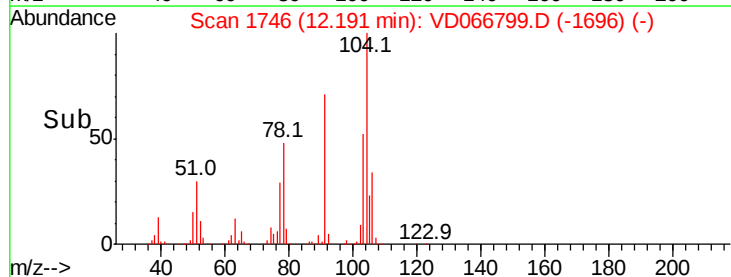
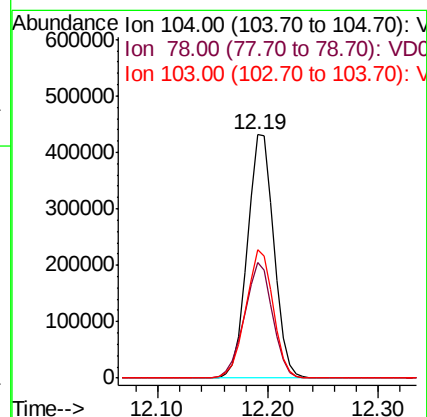
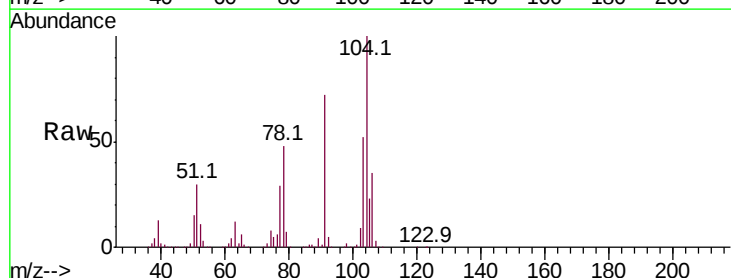
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

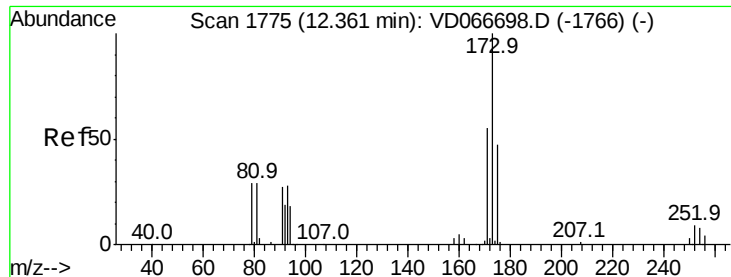
Tot Ion:106 Resp: 418743
Ion Ratio Lower Upper
106 100
91 214.0 109.4 328.2



#70
Styrene
Concen: 55.846 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion:104 Resp: 730309
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.4
103 54.5 42.5 63.7





#71

Bromoform

Concen: 59.192 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

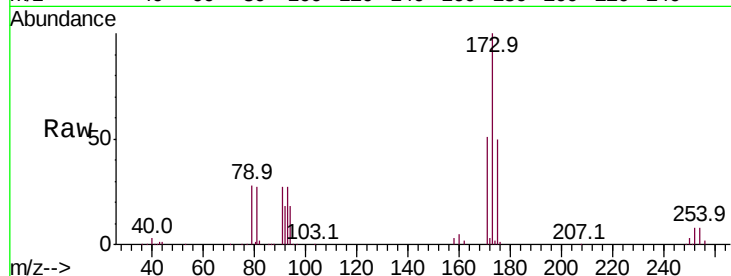
Tot Ion:173 Resp: 134613

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

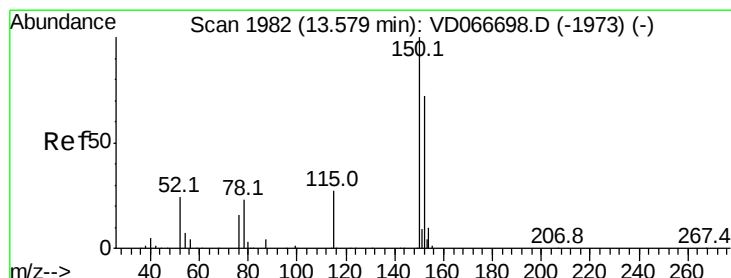
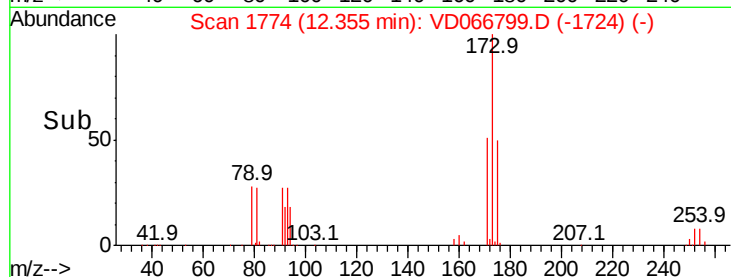
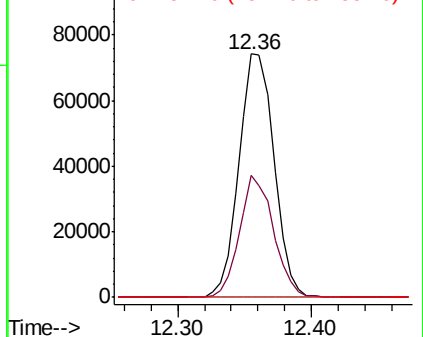
254 0.0 0.1 0.1#



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: 13.57 min Scan# 1981

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

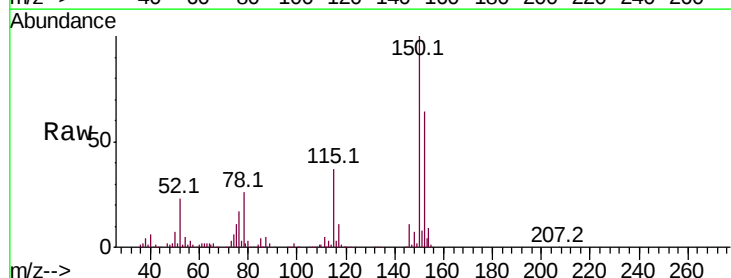
Tgt Ion:152 Resp: 275384

Ion Ratio Lower Upper

152 100

115 60.4 30.5 91.5

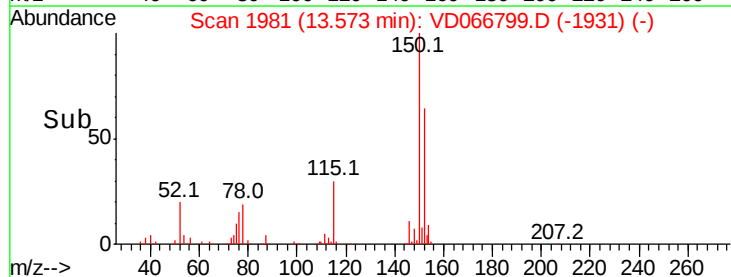
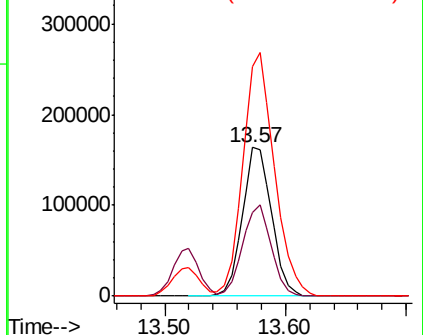
150 176.5 0.0 344.6

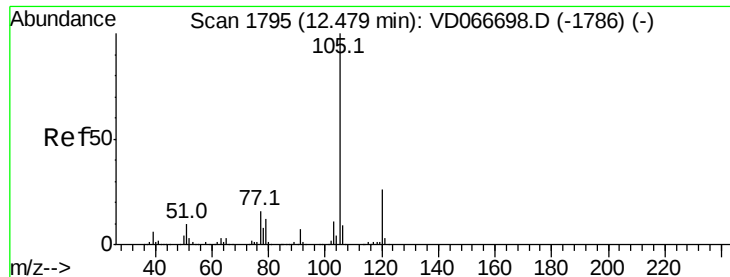


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.393 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

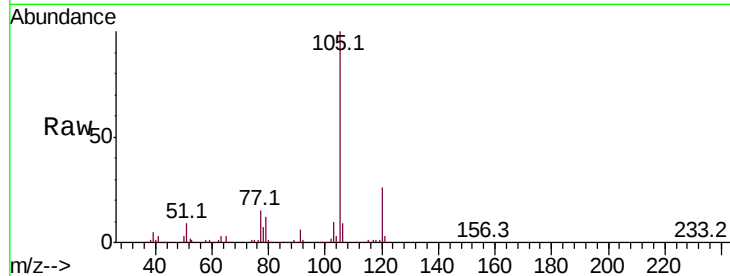
VSTDCCC050EC

Tot Ion:105 Resp: 1138772

Ion Ratio Lower Upper

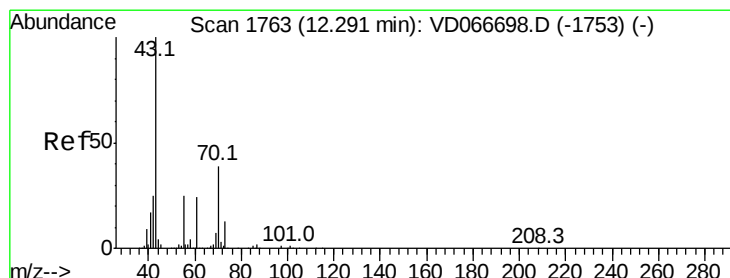
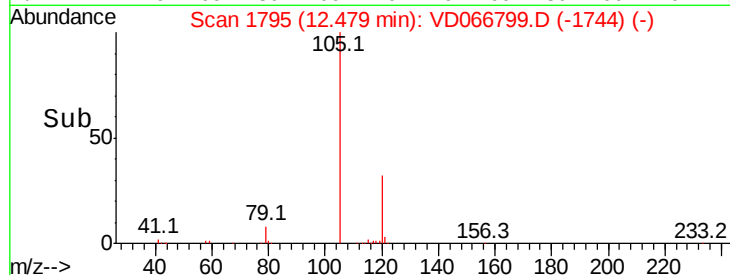
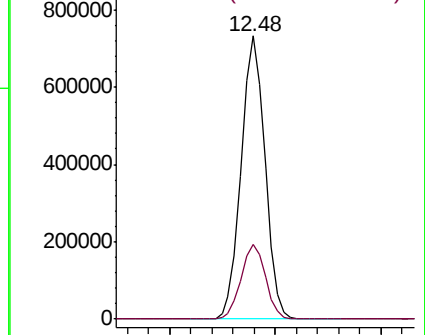
105 100

120 26.9 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.436 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Tgt Ion: 43 Resp: 244743

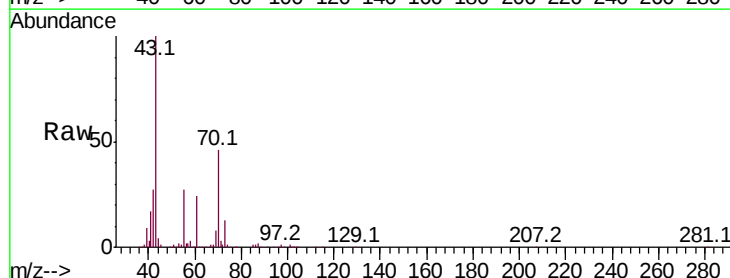
Ion Ratio Lower Upper

43 100

70 45.3 33.0 49.4

55 26.7 20.6 30.8

61 23.8 19.1 28.7

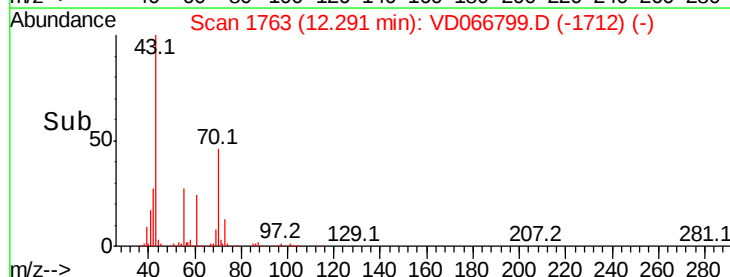
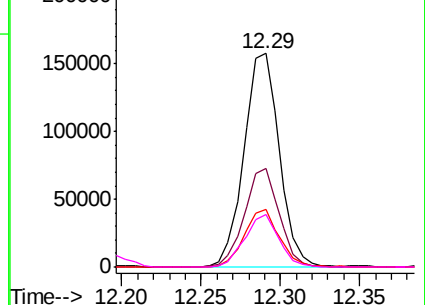


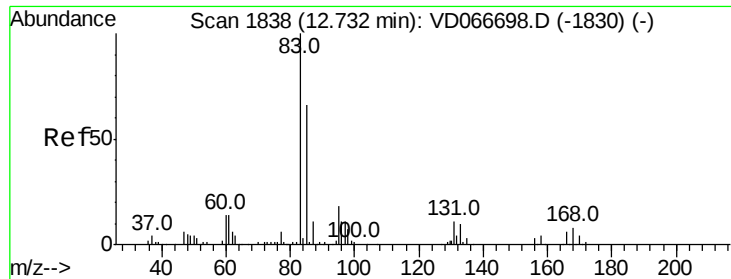
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 56.607 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

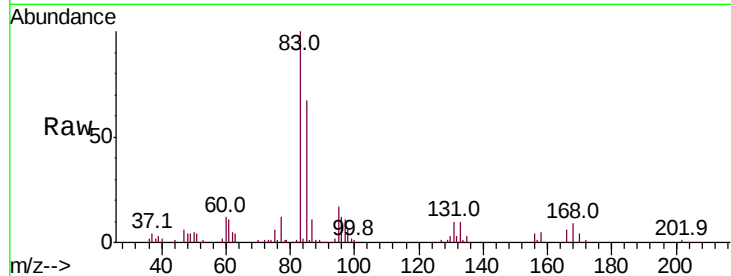
Tot Ion: 83 Resp: 197745

Ion Ratio Lower Upper

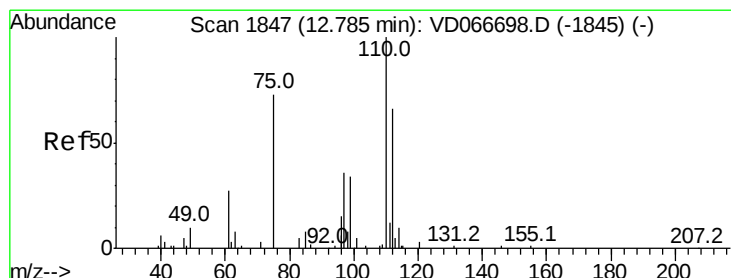
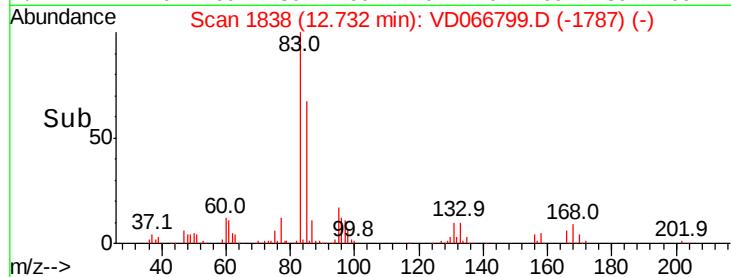
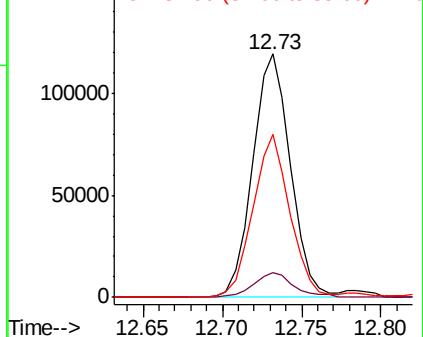
83 100

131 10.9 5.8 17.3

85 65.1 33.3 99.8



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: 111.008 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066799.D

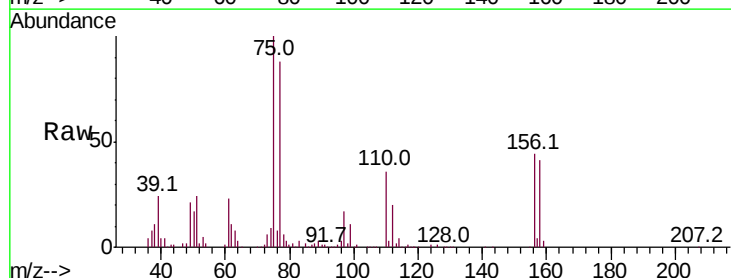
Acq: 21 Sep 2020 22:44

Tgt Ion: 75 Resp: 261666

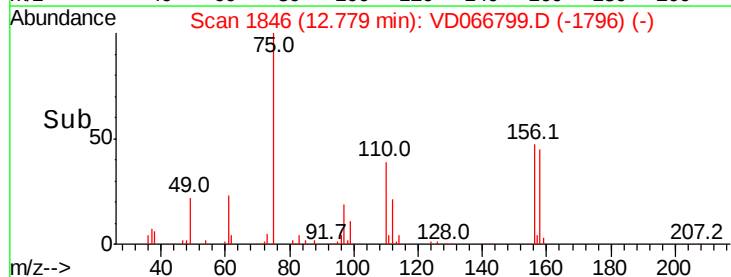
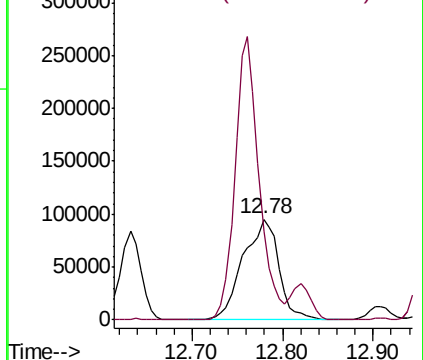
Ion Ratio Lower Upper

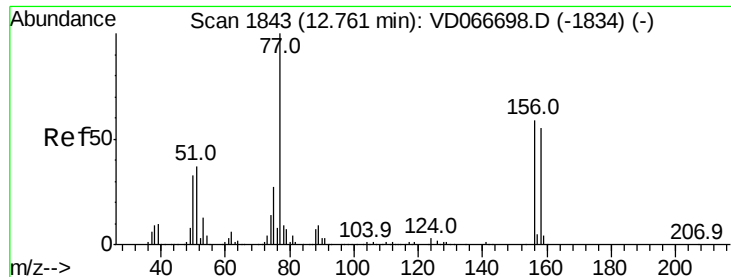
75 100

77 188.9 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: 55.960 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

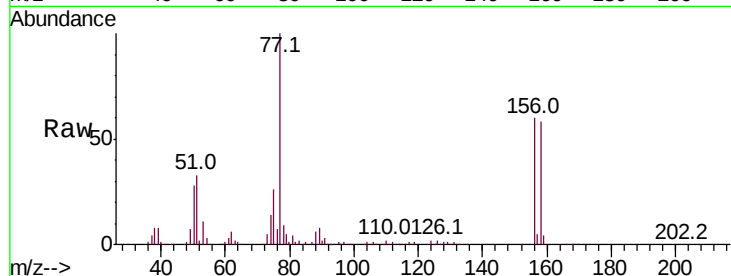
Tot Ion:156 Resp: 265154

Ion Ratio Lower Upper

156 100

77 186.5 95.8 287.3

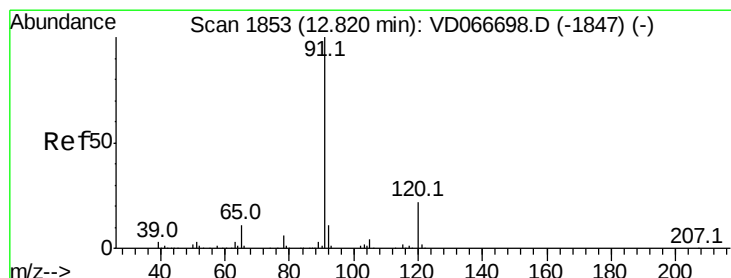
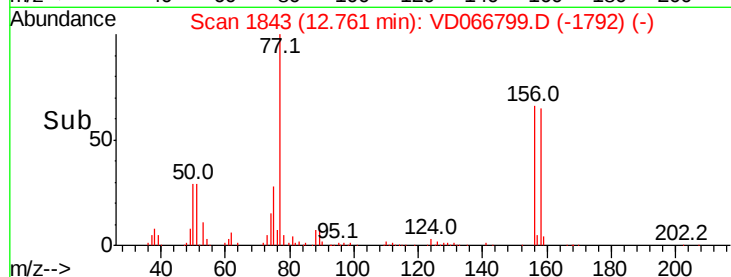
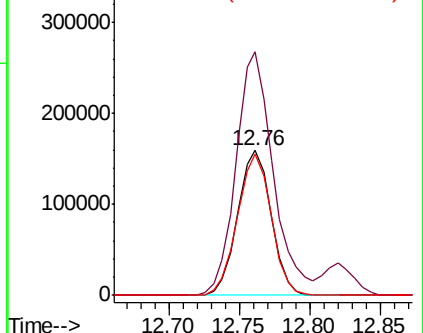
158 98.0 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.285 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066799.D

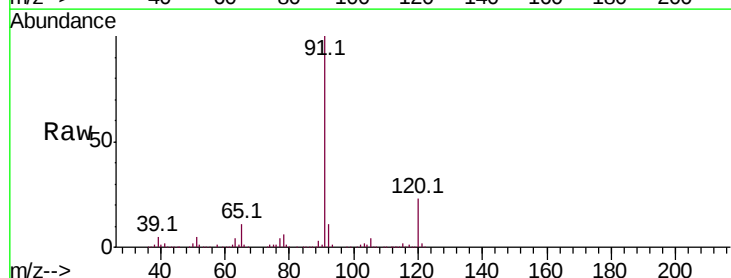
Acq: 21 Sep 2020 22:44

Tgt Ion: 91 Resp: 1360412

Ion Ratio Lower Upper

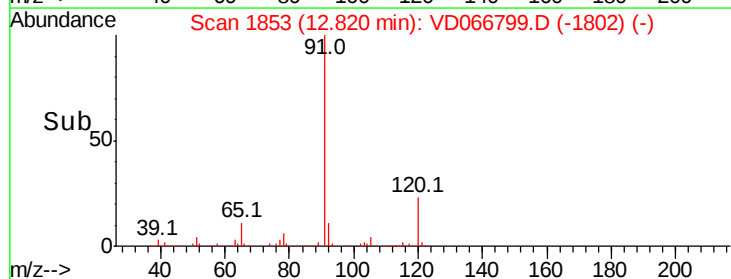
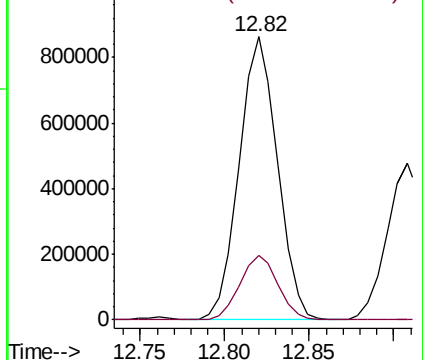
91 100

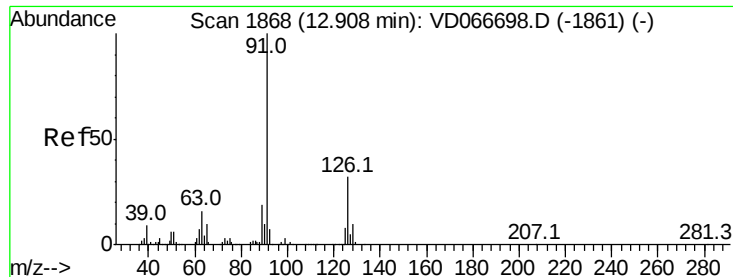
120 22.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.669 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

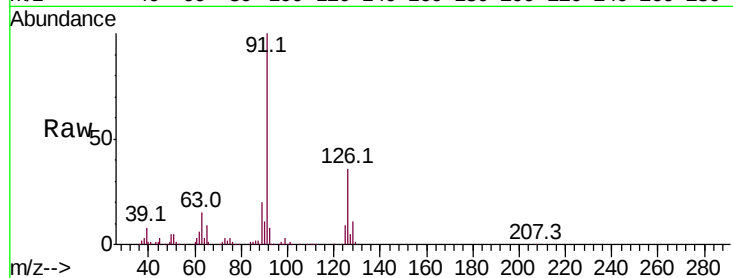
VSTDCCC050EC

Tot Ion: 91 Resp: 774689

Ion Ratio Lower Upper

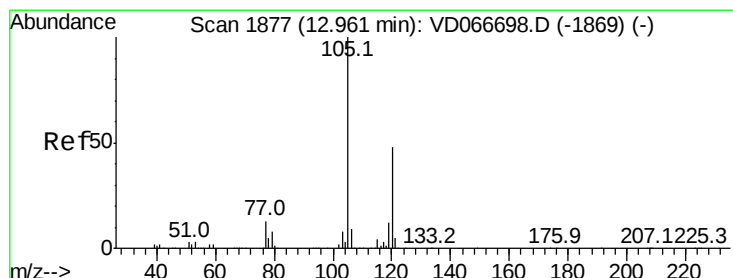
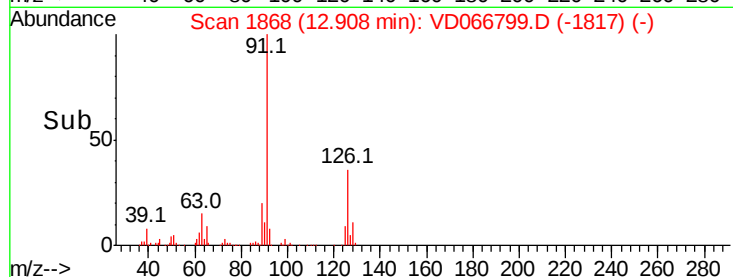
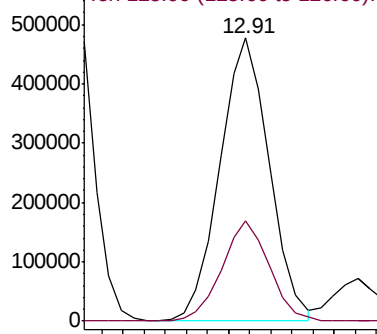
91 100

126 34.0 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.581 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066799.D

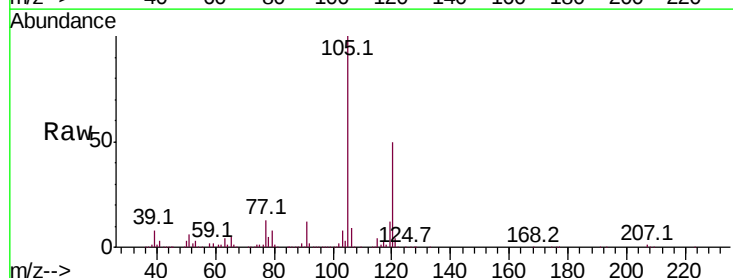
Acq: 21 Sep 2020 22:44

Tgt Ion:105 Resp: 966124

Ion Ratio Lower Upper

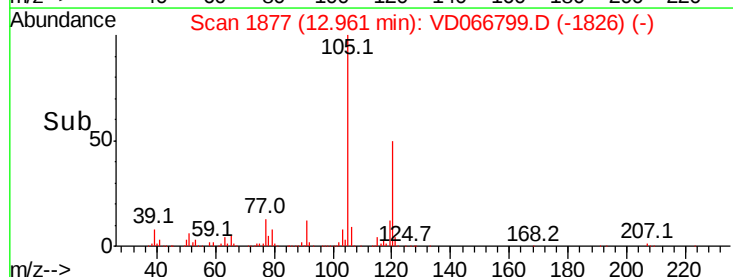
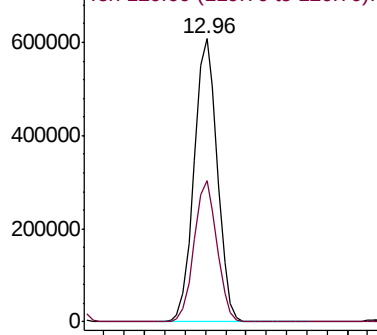
105 100

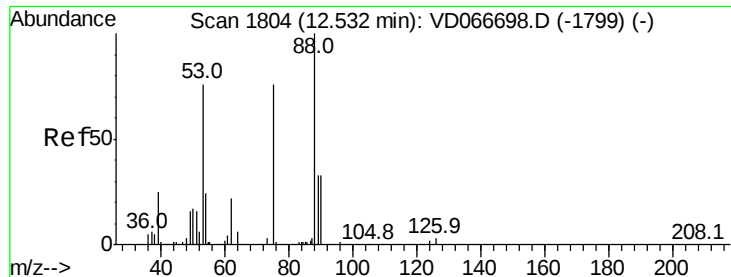
120 49.1 23.9 71.7



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: 45.913 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

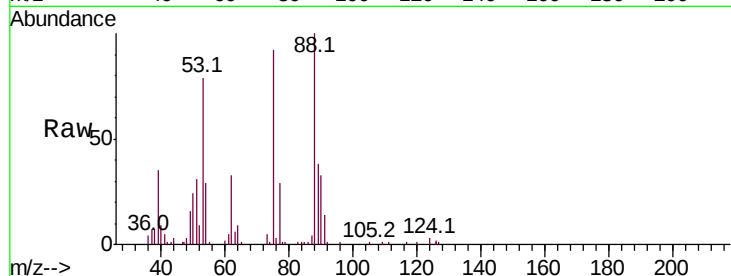
Tot Ion: 75 Resp: 50147

Ion Ratio Lower Upper

75 100

53 98.3 82.2 123.4

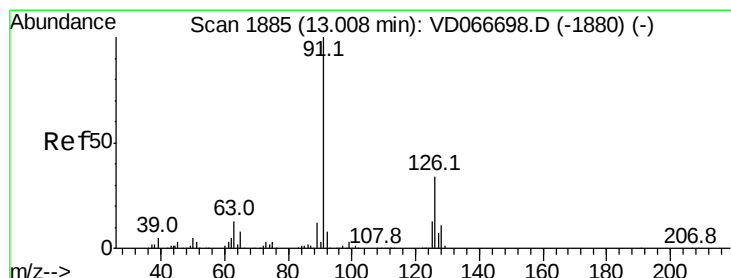
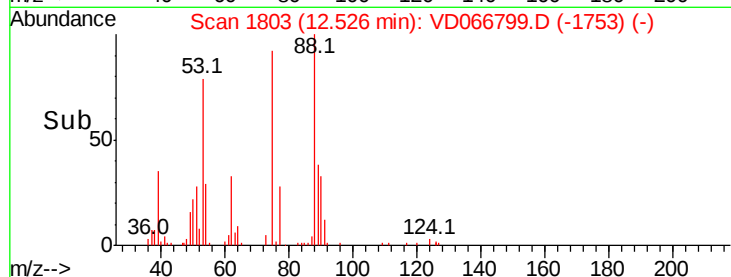
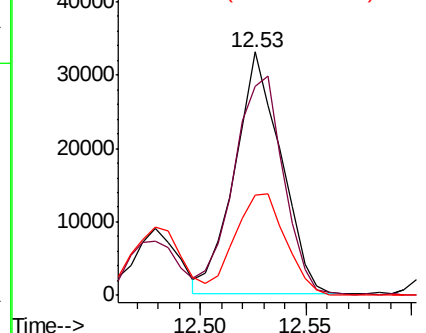
89 45.9 39.6 59.4



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: 55.039 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066799.D

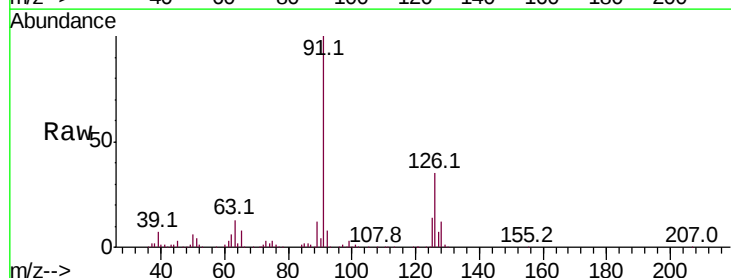
Acq: 21 Sep 2020 22:44

Tgt Ion: 91 Resp: 824676

Ion Ratio Lower Upper

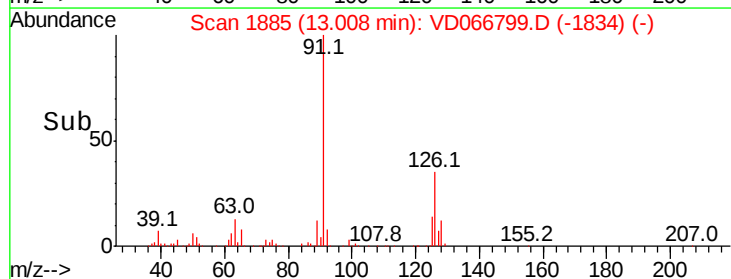
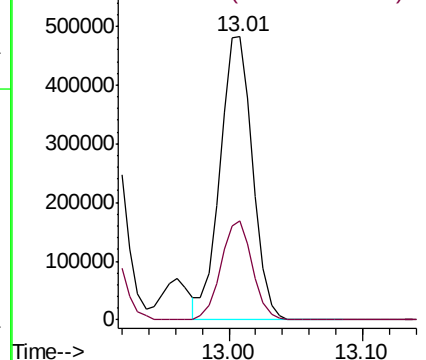
91 100

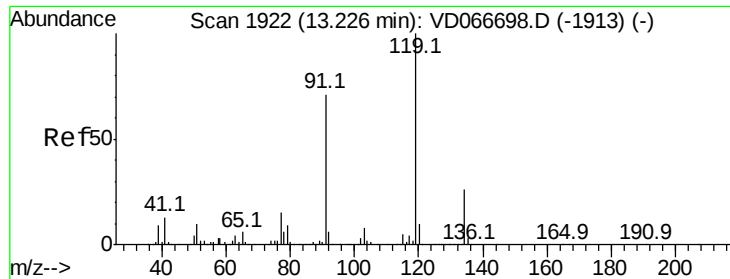
126 33.7 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

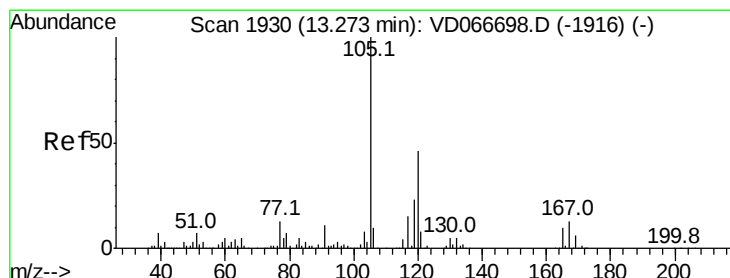
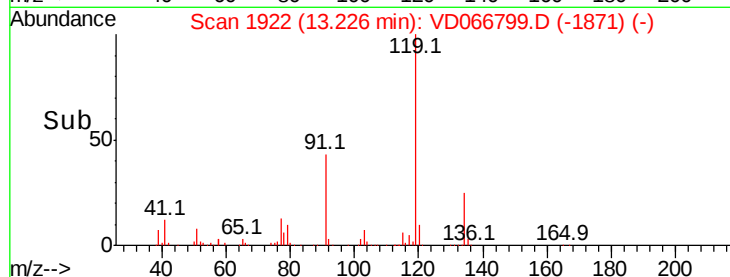
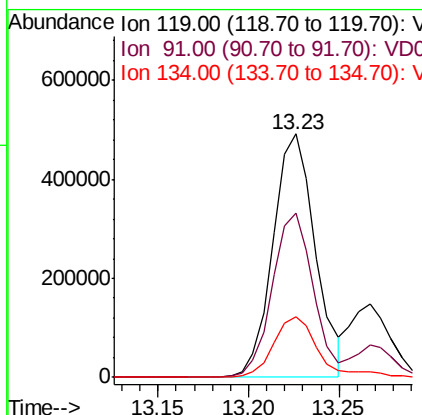
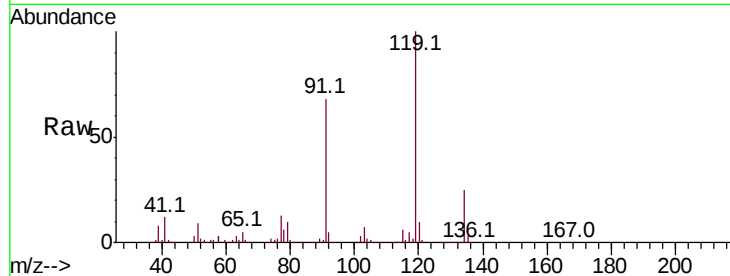




#83
 tert-Butylbenzene
 Concen: 56.029 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

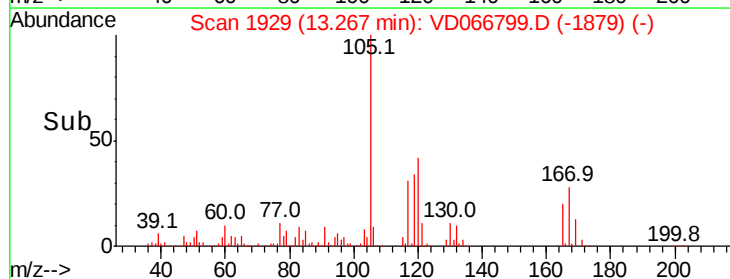
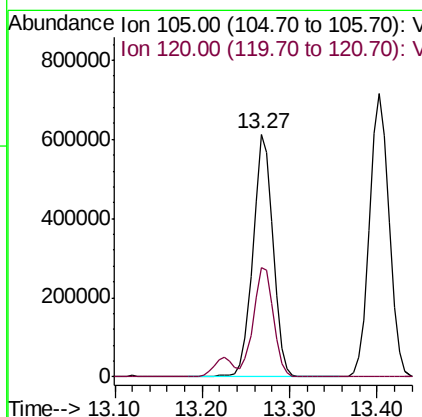
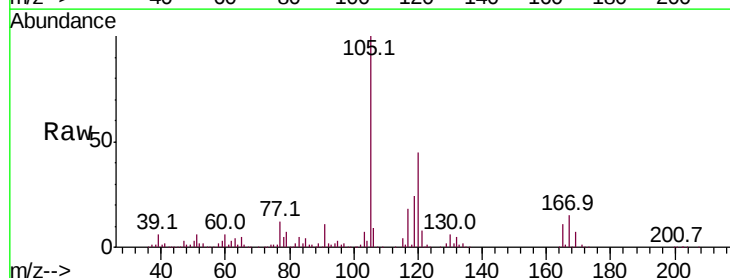
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

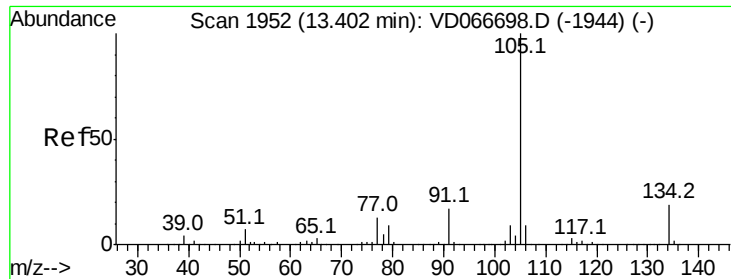
Tot Ion:119 Resp: 802706
 Ion Ratio Lower Upper
 119 100
 91 65.1 35.0 105.1
 134 26.6 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 55.549 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion:105 Resp: 964960
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.2





#85

sec-Butylbenzene

Concen: 54.336 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

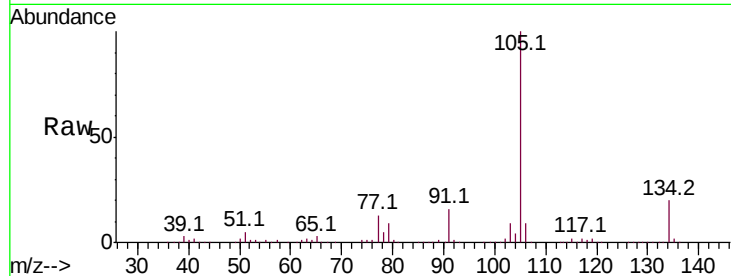
VSTDCCC050EC

Tot Ion:105 Resp: 1116022

Ion Ratio Lower Upper

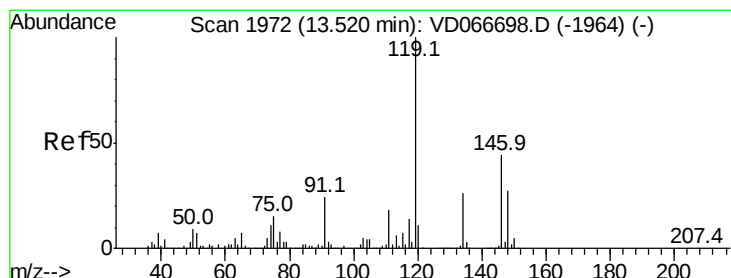
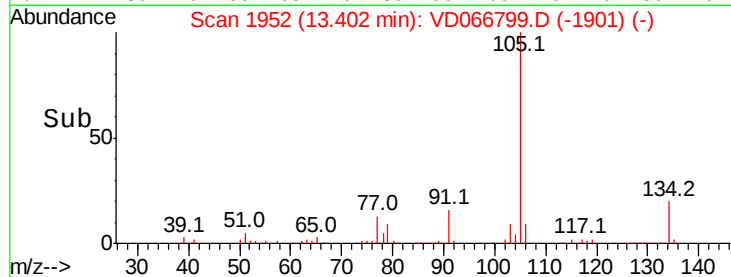
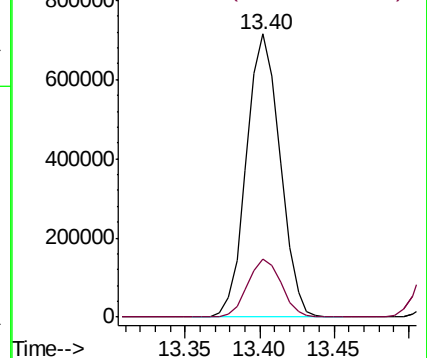
105 100

134 20.4 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.662 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

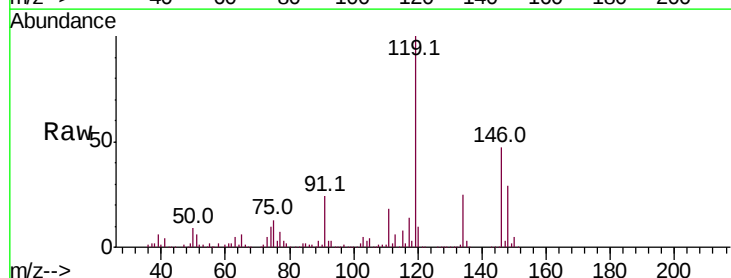
Tgt Ion:119 Resp: 1020684

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

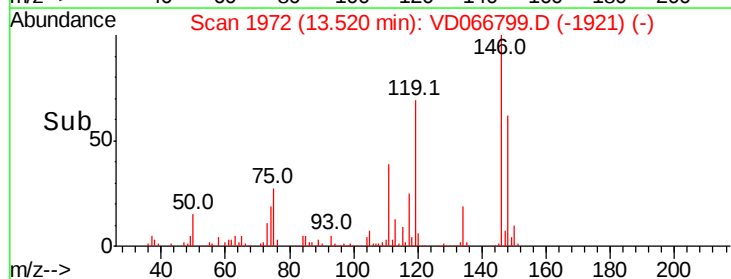
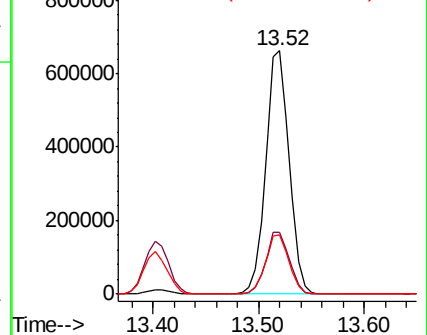
91 24.2 12.3 36.9

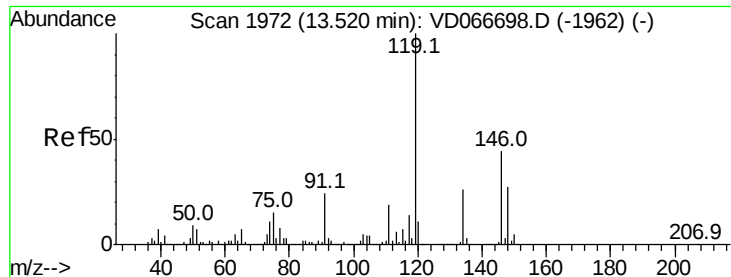


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 55.435 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

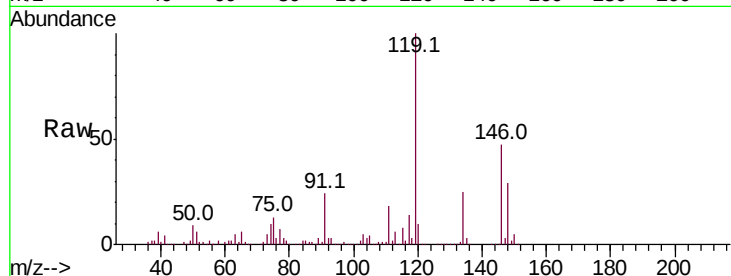
Tot Ion:146 Resp: 503931

Ion Ratio Lower Upper

146 100

111 40.5 21.1 63.3

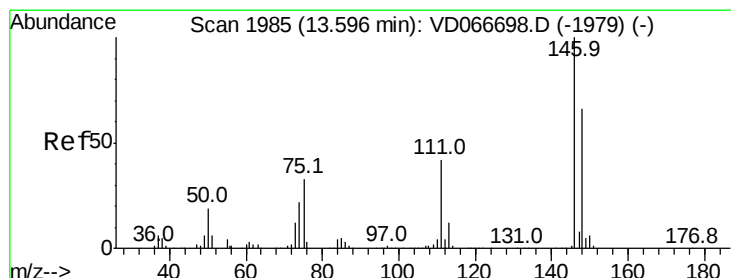
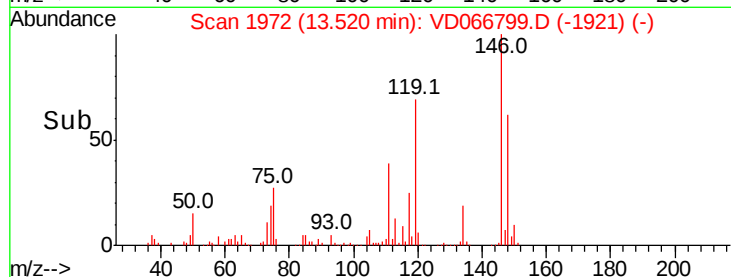
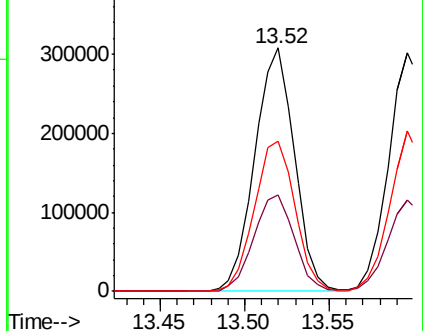
148 63.2 31.4 94.2



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



#88

1,4-Dichlorobenzene

Concen: 55.107 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

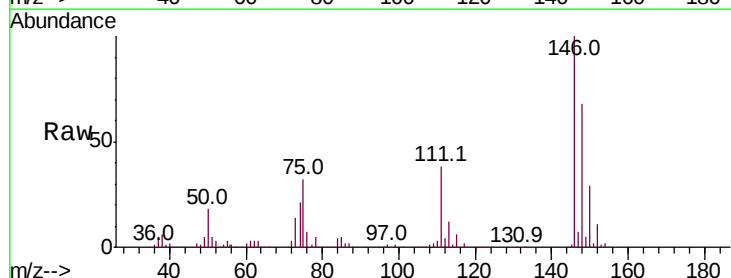
Tgt Ion:146 Resp: 498841

Ion Ratio Lower Upper

146 100

111 39.1 20.5 61.6

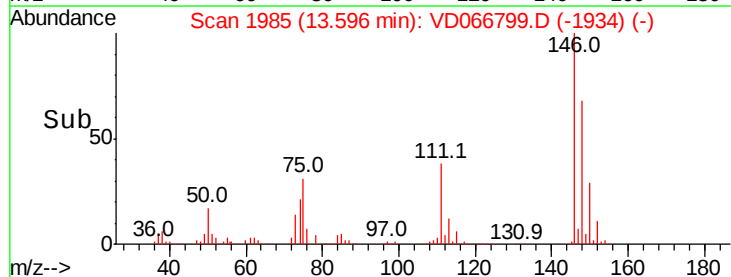
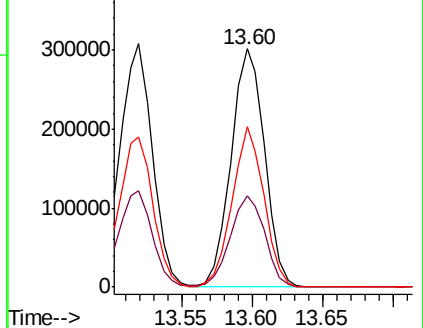
148 63.7 32.7 98.1

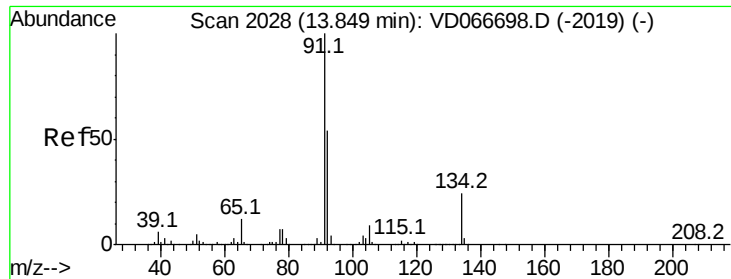


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

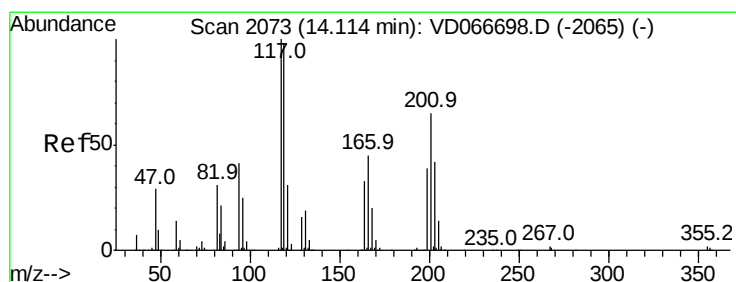
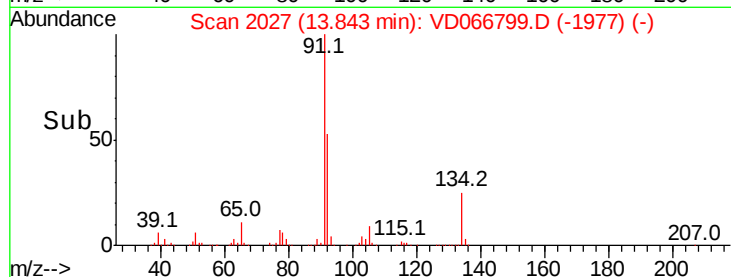
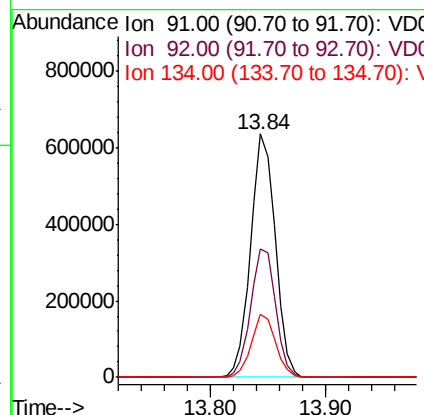
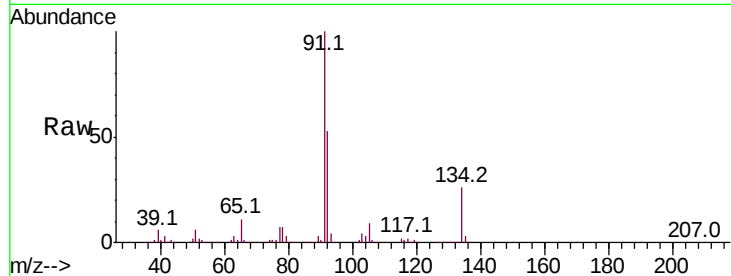




#89
n-Butylbenzene
Concen: 53.512 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

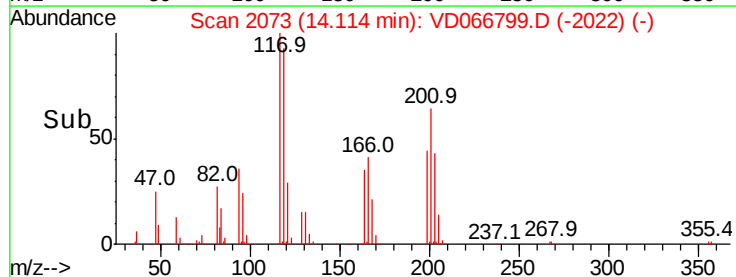
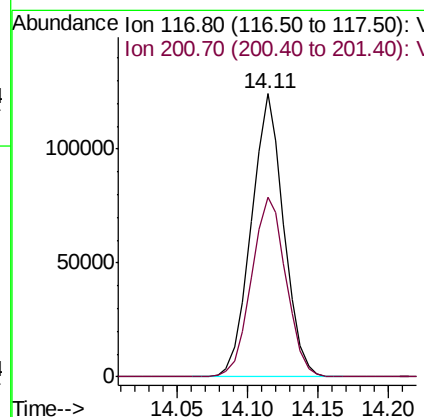
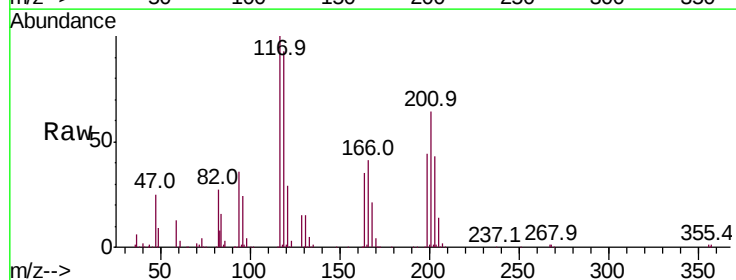
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

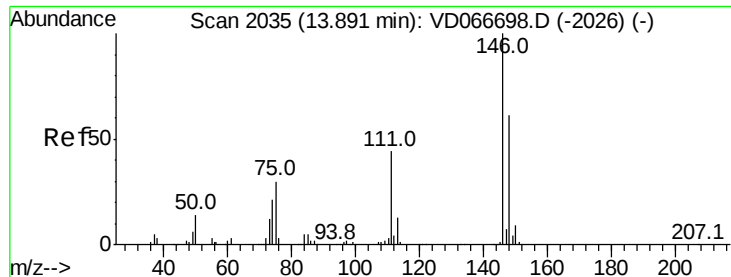
Tot Ion: 91 Resp: 950127
Ion Ratio Lower Upper
91 100
92 53.5 27.0 81.0
134 25.4 12.4 37.0



#90
Hexachloroethane
Concen: 52.188 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion: 117 Resp: 200187
Ion Ratio Lower Upper
117 100
201 67.7 33.1 99.3

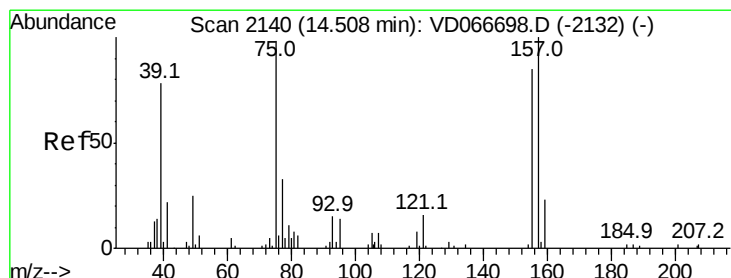
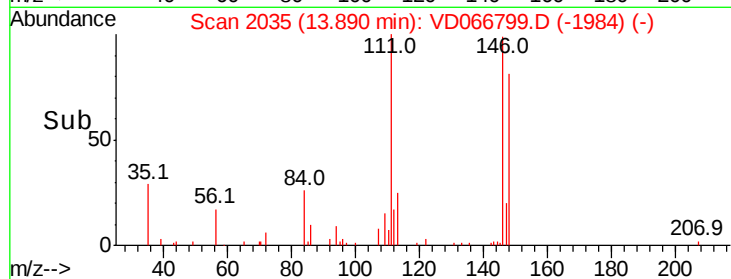
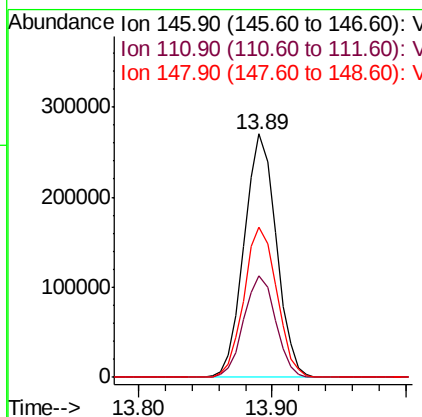
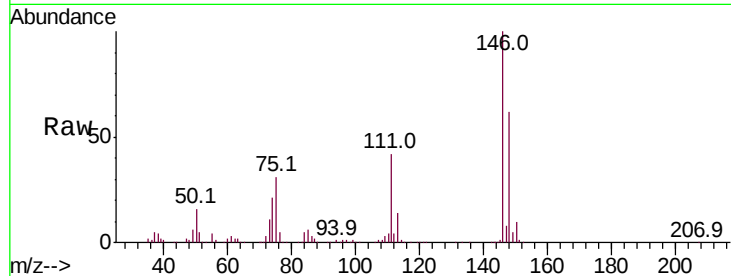




#91
 1,2-Dichlorobenzene
 Concen: 57.411 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

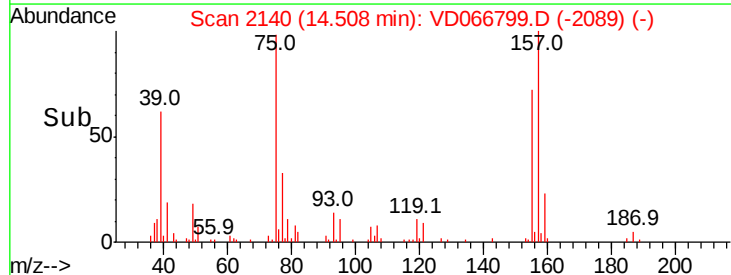
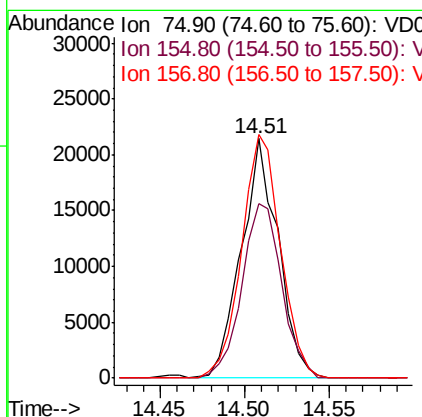
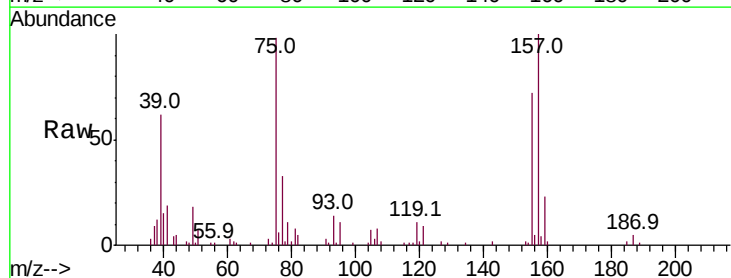
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

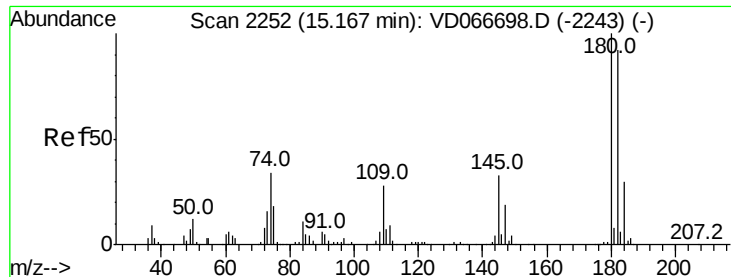
Tot Ion:146 Resp: 447184
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.6 64.6
 148 63.1 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.638 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion: 75 Resp: 32548
 Ion Ratio Lower Upper
 75 100
 155 78.4 38.9 116.7
 157 107.1 46.4 139.2

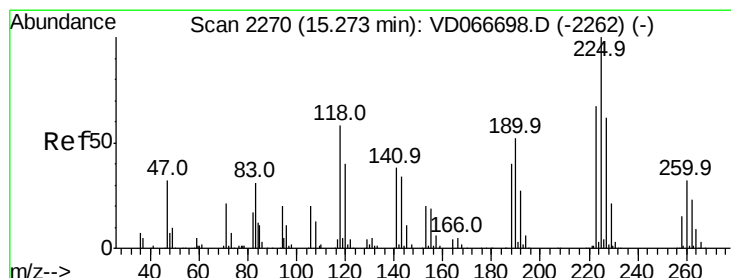
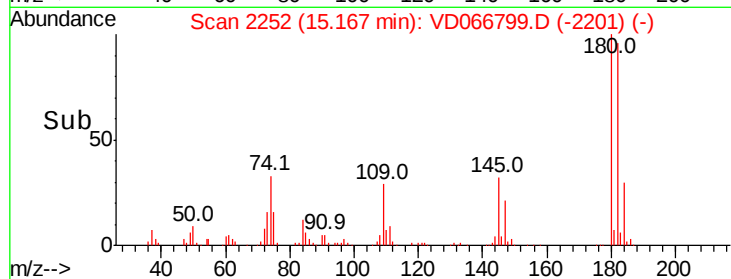
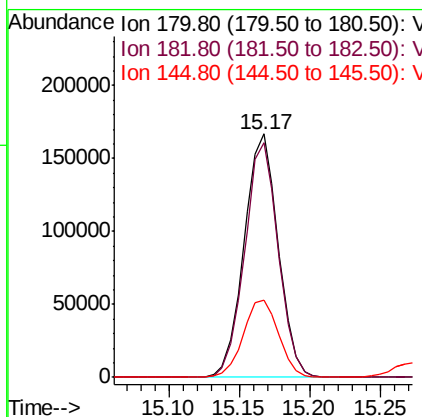
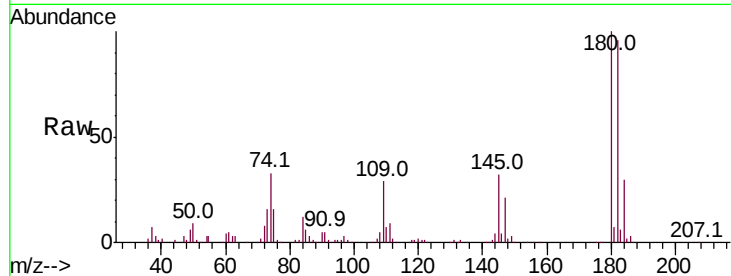




#93
 1,2,4-Trichlorobenzene
 Concen: 60.060 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

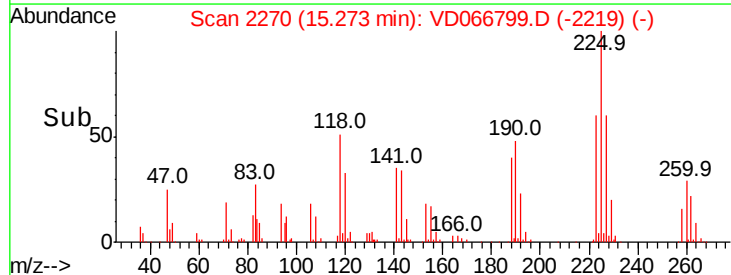
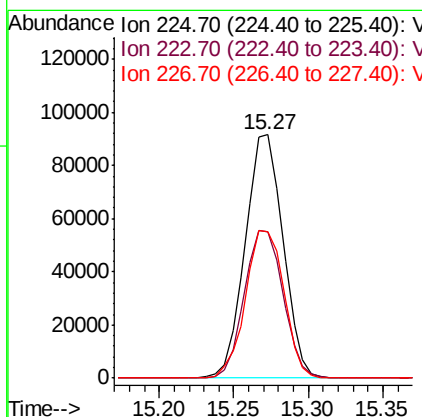
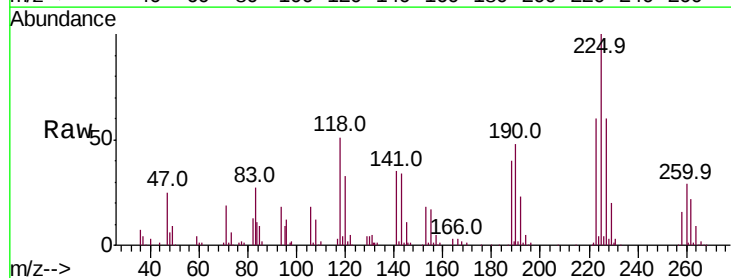
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

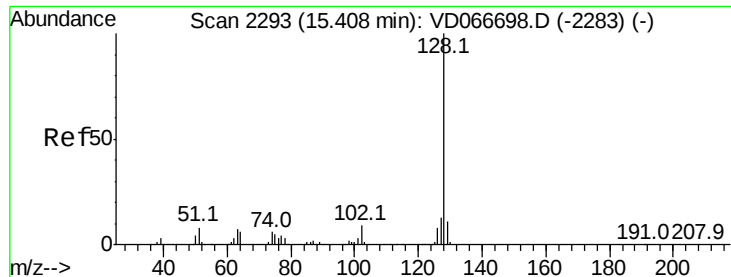
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.6	139.7
145	33.0	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 56.580 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.9	95.9
227	61.8	31.3	93.9

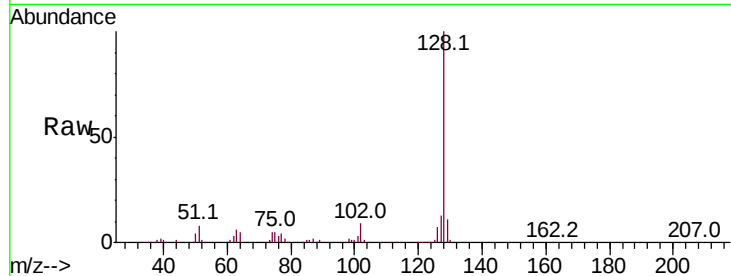




#95
Naphthalene
Concen: 64.109 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.7	8.6	12.8

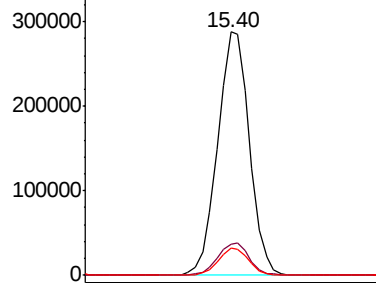


Abundance

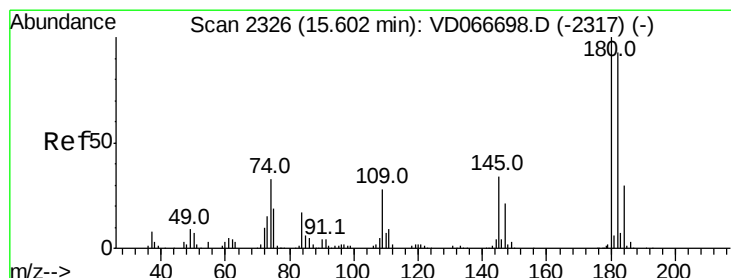
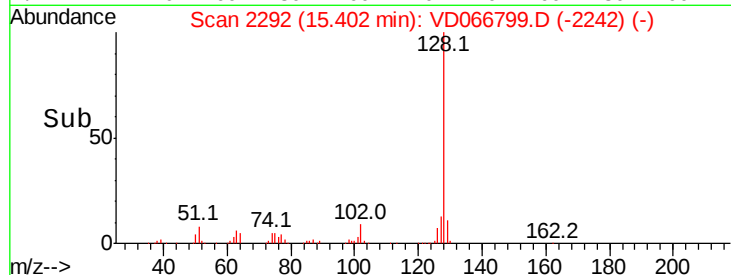
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

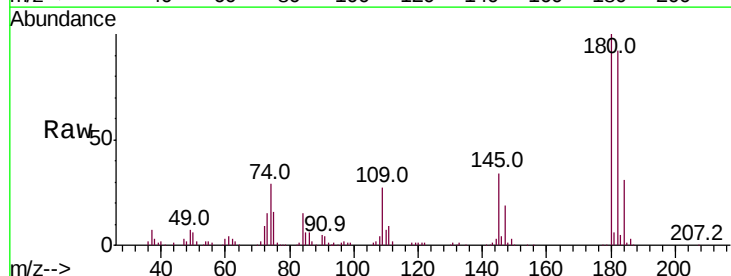


Time-->



#96
1,2,3-Trichlorobenzene
Concen: 61.644 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	32.8	17.1	51.3

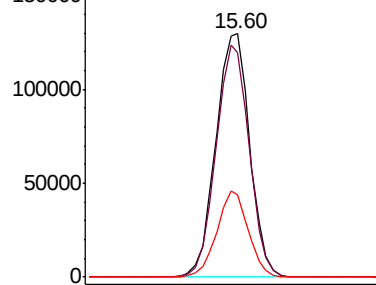


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

