

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066964.D
 Acq On : 30 Sep 2020 04:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 30 04:38:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	379361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	623863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	579948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	276086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	173824	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	7.91	113	186695	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	10.34	98	651300	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
62) 4-Bromofluorobenzene	12.63	95	229904	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	118595	44.153	ug/l	96
3) Chloromethane	2.21	50	146087	41.912	ug/l	96
4) Vinyl Chloride	2.35	62	142537	41.393	ug/l	96
5) Bromomethane	2.77	94	114259	47.208	ug/l	97
6) Chloroethane	2.93	64	95819	44.809	ug/l	89
7) Trichlorofluoromethane	3.27	101	315040	44.547	ug/l	96
8) Diethyl Ether	3.71	74	100669	56.071	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	186960	45.591	ug/l	99
10) Methyl Iodide	4.30	142	183859	50.808	ug/l	96
11) Tert butyl alcohol	5.22	59	64282	295.227	ug/l	99
12) 1,1-Dichloroethene	4.07	96	180862	48.687	ug/l	98
13) Acrolein	3.92	56	67835	247.655	ug/l	93
14) Allyl chloride	4.71	41	274336	50.292	ug/l	95
15) Acrylonitrile	5.42	53	221269	278.102	ug/l	98
16) Acetone	4.16	43	159773	202.845	ug/l	99
17) Carbon Disulfide	4.41	76	521913	45.955	ug/l	99
18) Methyl Acetate	4.73	43	102349	58.881	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	462990	57.391	ug/l	100
20) Methylene Chloride	4.97	84	241099	57.601	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	229990	53.470	ug/l	96
22) Diisopropyl ether	6.37	45	613976	54.743	ug/l	96
23) Vinyl Acetate	6.31	43	1588373	260.730	ug/l	97
24) 1,1-Dichloroethane	6.27	63	395828	52.755	ug/l	99
25) 2-Butanone	7.21	43	252303	266.548	ug/l	99
26) 2,2-Dichloropropane	7.21	77	290201	42.199	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	261791	56.016	ug/l	95
28) Bromochloromethane	7.55	49	152294	49.131	ug/l #	89
29) Tetrahydrofuran	7.56	42	167901	276.832	ug/l	98
30) Chloroform	7.71	83	432953	53.531	ug/l	99
31) Cyclohexane	7.98	56	287073	42.522	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	373374	51.032	ug/l	98
36) 1,1-Dichloropropene	8.11	75	302852	48.932	ug/l	99
37) Ethyl Acetate	7.30	43	117253	52.405	ug/l	97
38) Carbon Tetrachloride	8.10	117	328207	48.504	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	337075	47.434	ug/l	98
40) Benzene	8.35	78	904785	52.453	ug/l	97
41) Methacrylonitrile	7.56	41	169055	122.863	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	259165	50.823	ug/l	98
43) Isopropyl Acetate	8.45	43	226112	52.417	ug/l	98
44) Trichloroethene	9.11	130	257585	52.391	ug/l	98
45) 1,2-Dichloropropane	9.38	63	223972	51.607	ug/l	99
46) Dibromomethane	9.47	93	127041	53.877	ug/l	94
47) Bromodichloromethane	9.66	83	335302	52.934	ug/l	96
48) Methyl methacrylate	9.46	41	110702	52.050	ug/l	95
49) 1,4-Dioxane	9.46	88	31234	1187.490	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	602796	275.781	ug/l	99
52) Toluene	10.40	92	599711	53.975	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	293703	54.477	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	350078	53.253	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	176848	54.556	ug/l	96
56) Ethyl methacrylate	10.66	69	203764	58.677	ug/l	97
57) 1,3-Dichloropropane	10.94	76	295083	55.129	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	400028	243.287	ug/l	96
59) 2-Hexanone	10.98	43	402781	273.251	ug/l	97
60) Dibromochloromethane	11.14	129	236206	55.832	ug/l	100
61) 1,2-Dibromoethane	11.24	107	167572	55.578	ug/l	97
64) Tetrachloroethene	10.87	164	224554	53.829	ug/l	96
65) Chlorobenzene	11.67	112	649449	53.798	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	250794	54.890	ug/l	99
67) Ethyl Benzene	11.74	91	1129764	53.285	ug/l	99
68) m/p-Xylenes	11.86	106	870513	108.442	ug/l	100
69) o-Xylene	12.18	106	406015	55.935	ug/l	98
70) Styrene	12.20	104	711090	56.411	ug/l	100
71) Bromoform	12.36	173	131353	56.781	ug/l #	100
73) Isopropylbenzene	12.48	105	1087669	54.535	ug/l	99
74) N-amyl acetate	12.29	43	206742	53.081	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	183301	53.262	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	232756	101.730	ug/l #	100
77) Bromobenzene	12.76	156	259229	55.574	ug/l	95
78) n-propylbenzene	12.83	91	1261360	52.570	ug/l	98
79) 2-Chlorotoluene	12.91	91	731181	53.476	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	925116	54.666	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	51192	55.979	ug/l	95
82) 4-Chlorotoluene	13.01	91	770698	53.471	ug/l	99
83) tert-Butylbenzene	13.23	119	792337	56.978	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	938861	55.947	ug/l	100
85) sec-Butylbenzene	13.40	105	1052041	52.610	ug/l	100
86) p-Isopropyltoluene	13.52	119	993480	55.116	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	493687	53.571	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	492177	53.773	ug/l	99
89) n-Butylbenzene	13.85	91	883554	51.571	ug/l	99
90) Hexachloroethane	14.12	117	188925	51.627	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	434513	55.111	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29906	54.019	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

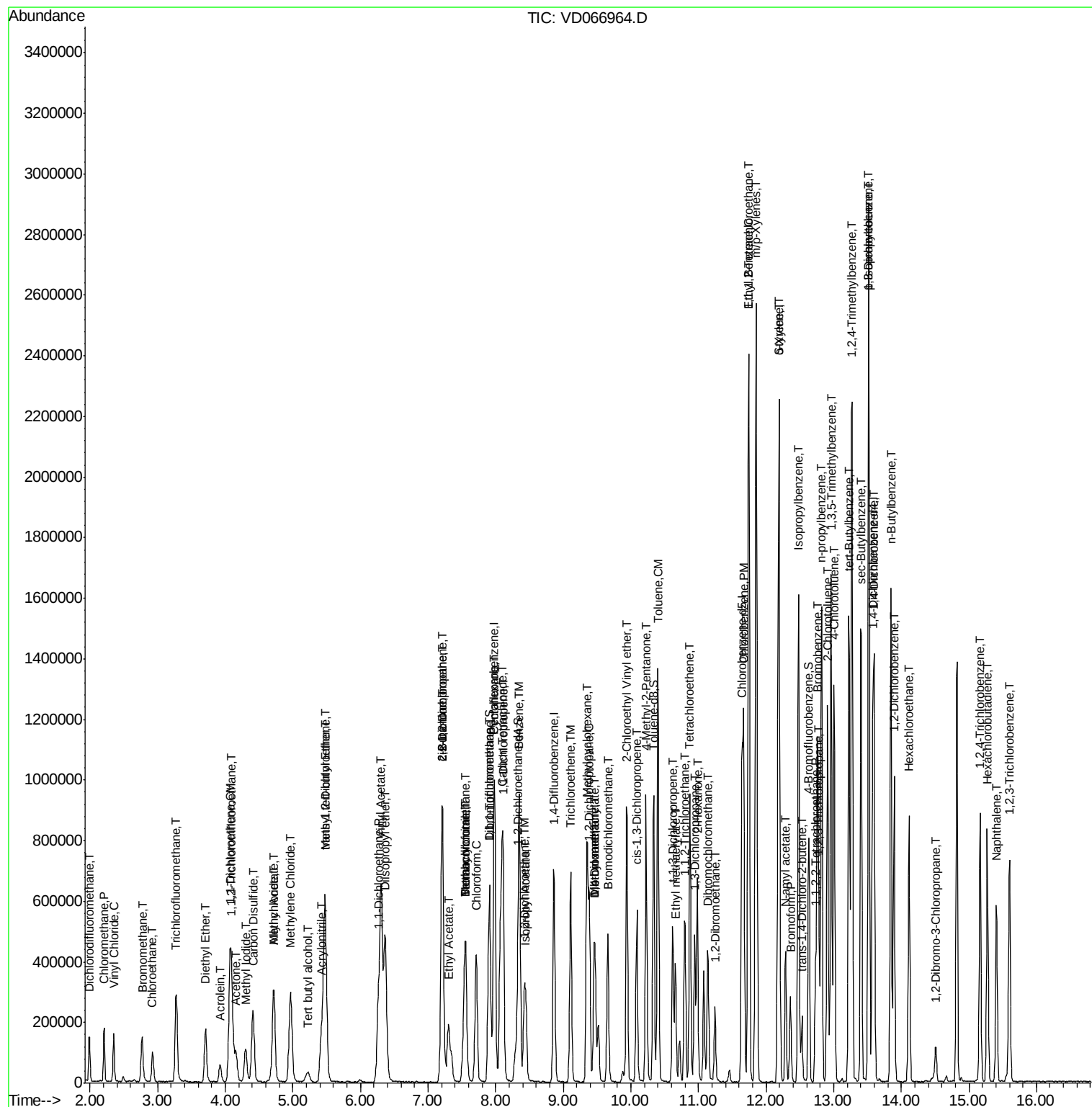
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	283232	57.066	ug/l	98
94) Hexachlorobutadiene	15.27	225	159218	53.533	ug/l	98
95) Naphthalene	15.41	128	522596	62.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	251390	58.684	ug/l	98

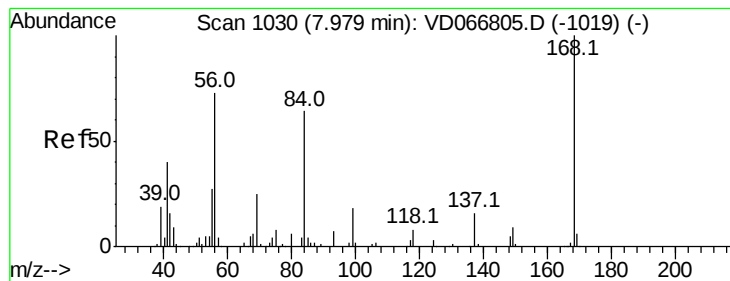
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

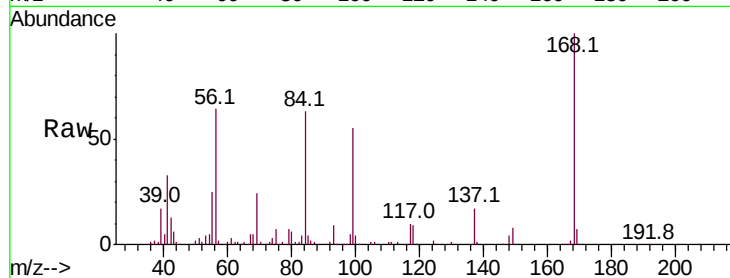
VSTDCCC050EC

Tot Ion:168 Resp: 379361

Ion Ratio Lower Upper

168 100

99 54.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

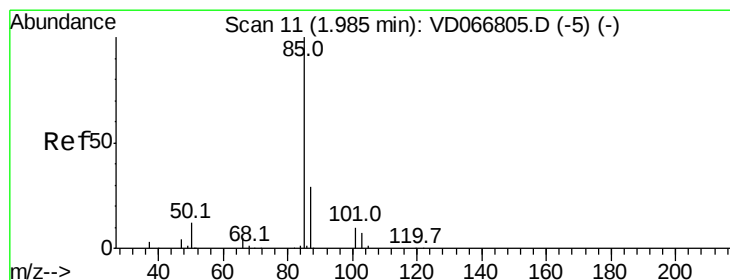
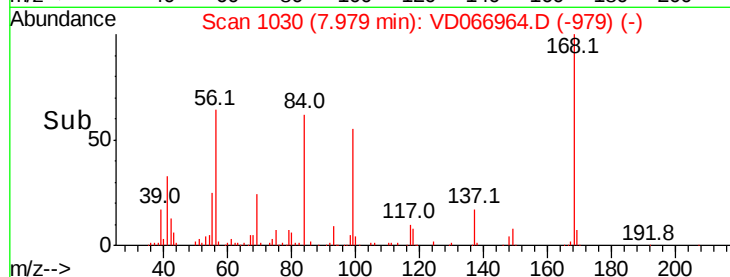
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.153 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066964.D

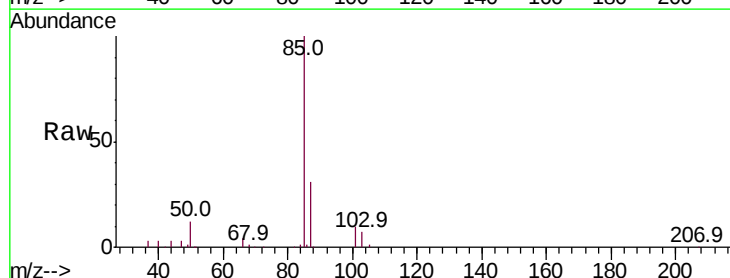
Acq: 30 Sep 2020 04:13

Tgt Ion: 85 Resp: 118595

Ion Ratio Lower Upper

85 100

87 31.2 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

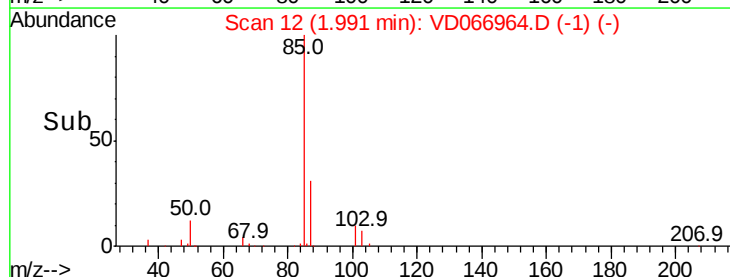
40000

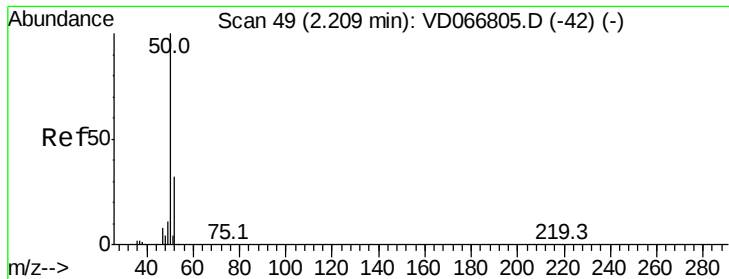
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 41.912 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

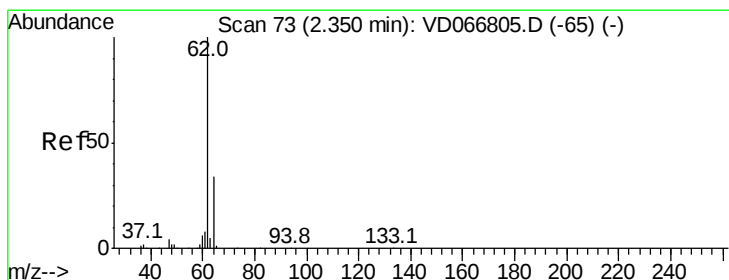
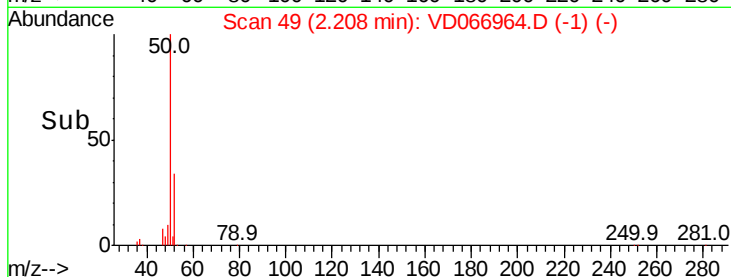
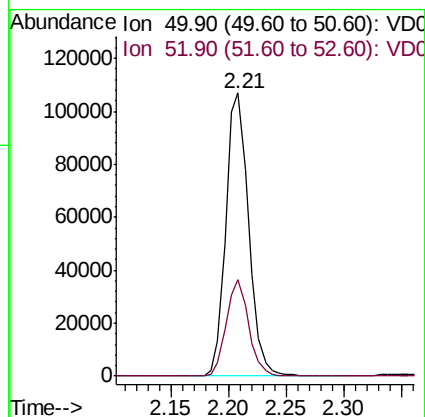
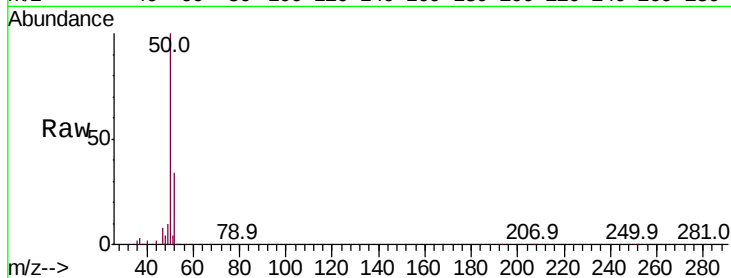
VSTDCCC050EC

Tot Ion: 50 Resp: 146087

Ion Ratio Lower Upper

50 100

52 33.9 25.5 38.3



#4

Vinyl Chloride

Concen: 41.393 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066964.D

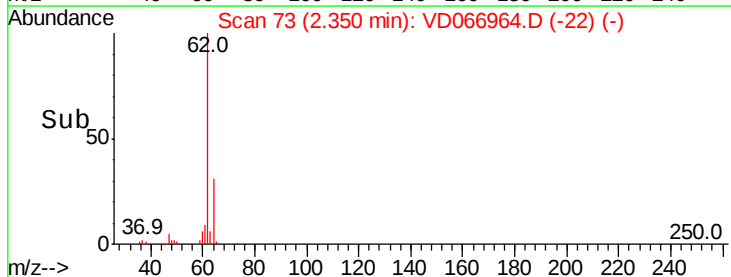
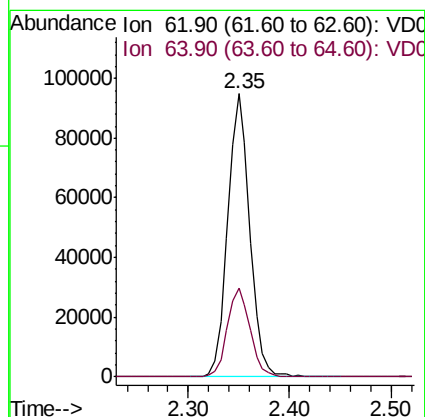
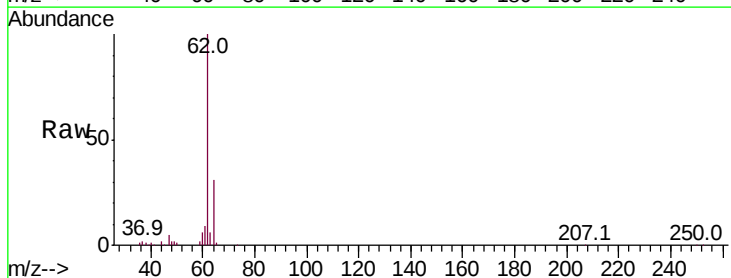
Acq: 30 Sep 2020 04:13

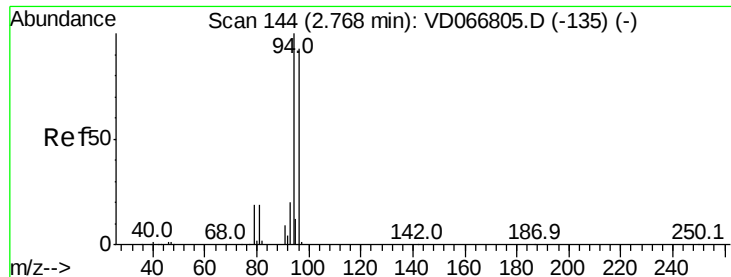
Tgt Ion: 62 Resp: 142537

Ion Ratio Lower Upper

62 100

64 31.2 27.0 40.4





#5

Bromomethane

Concen: 47.208 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

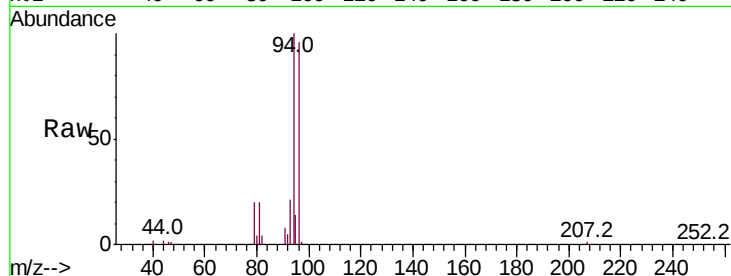
VSTDCCC050EC

Tot Ion: 94 Resp: 114259

Ion Ratio Lower Upper

94 100

96 95.6 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

50000

40000

30000

20000

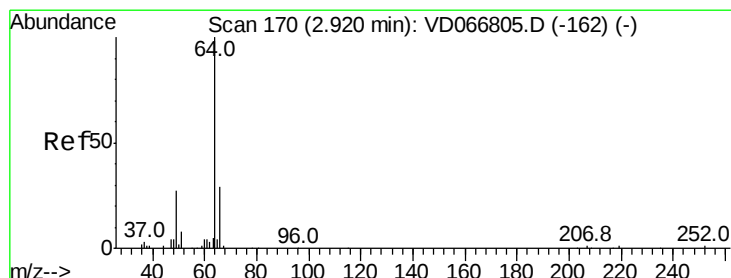
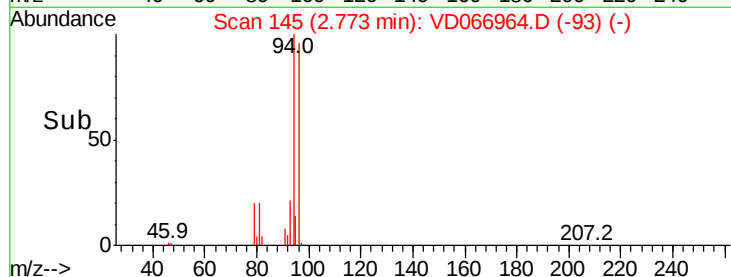
10000

0

2.70

2.80

Time-->



#6

Chloroethane

Concen: 44.809 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066964.D

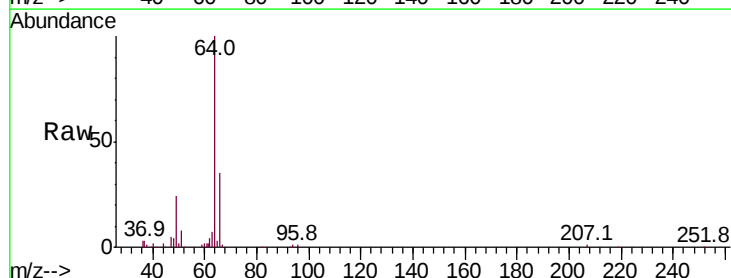
Acq: 30 Sep 2020 04:13

Tgt Ion: 64 Resp: 95819

Ion Ratio Lower Upper

64 100

66 34.8 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

50000

40000

30000

20000

10000

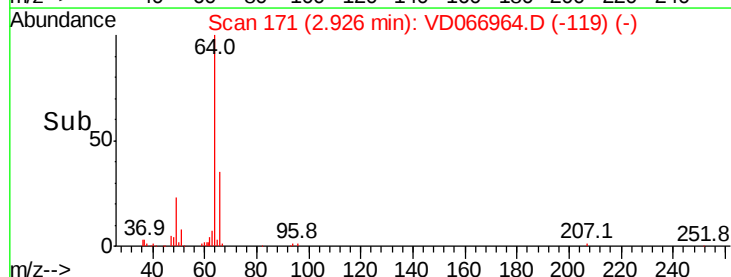
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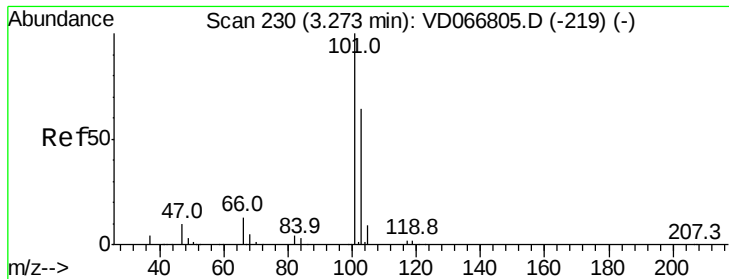
2.80

2.90

3.00

Time-->



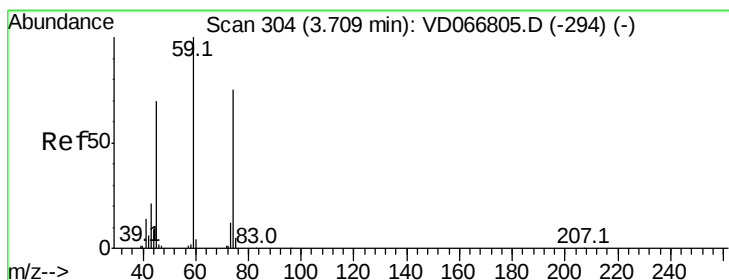
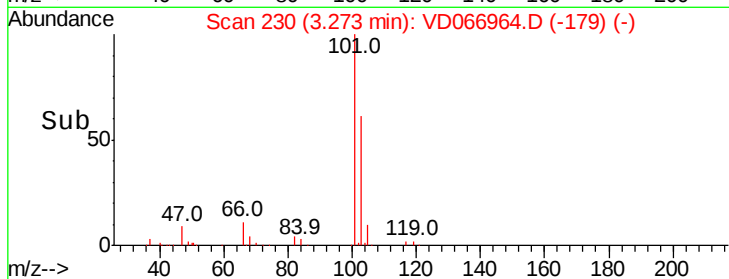
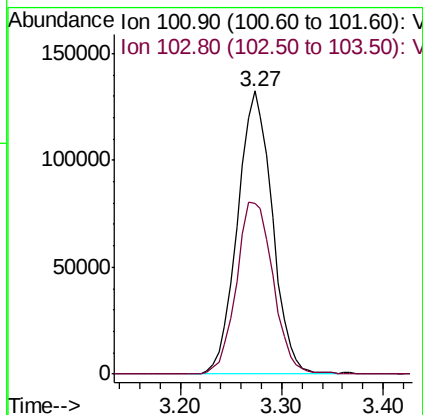
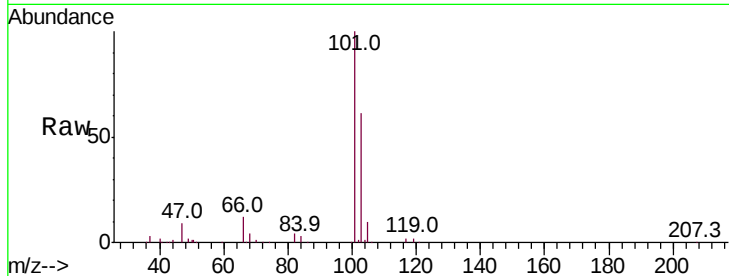


#7

Trichlorofluoromethane
 Concen: 44.547 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

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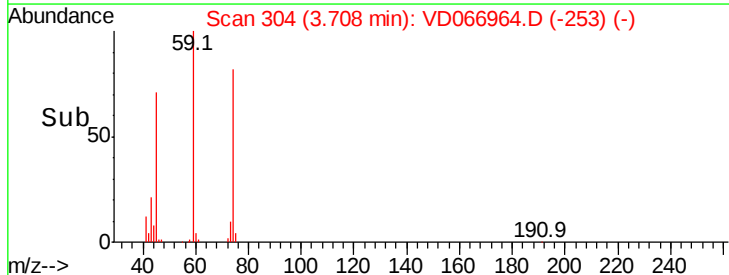
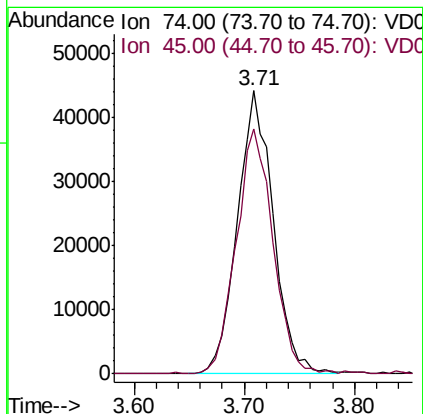
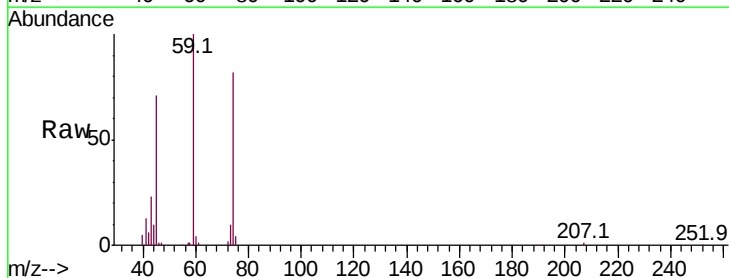
Tot Ion:101 Resp: 315040
 Ion Ratio Lower Upper
 101 100
 103 60.5 51.0 76.6

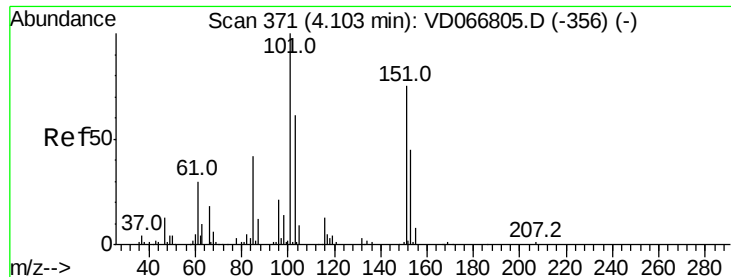


#8

Diethyl Ether
 Concen: 56.071 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

Tgt Ion: 74 Resp: 100669
 Ion Ratio Lower Upper
 74 100
 45 88.9 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.591 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

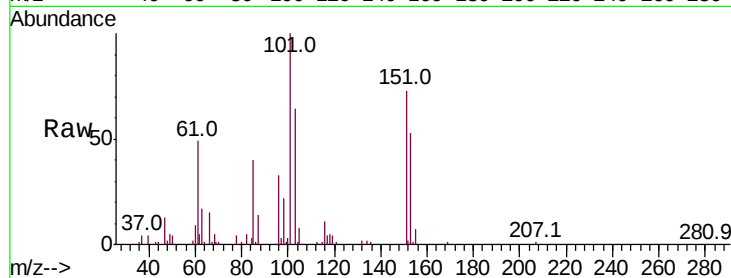
Tot Ion:101 Resp: 186960

Ion Ratio Lower Upper

101 100

85 42.7 35.4 53.2

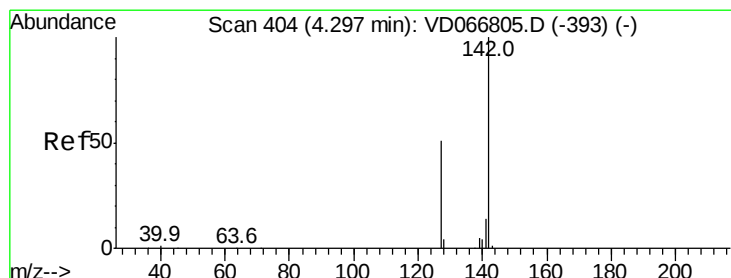
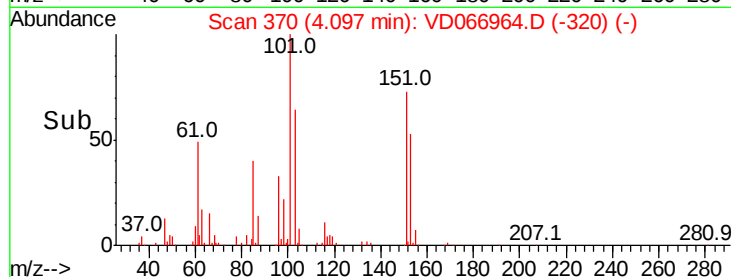
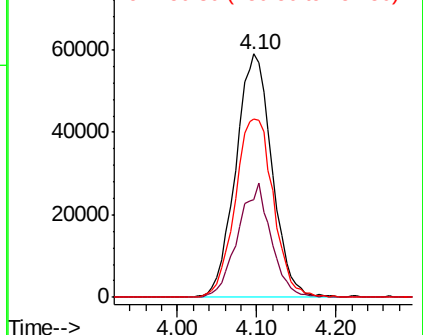
151 77.2 61.4 92.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.808 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

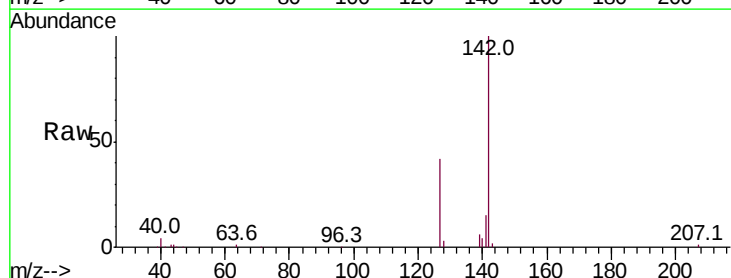
Tgt Ion:142 Resp: 183859

Ion Ratio Lower Upper

142 100

127 46.1 39.4 59.0

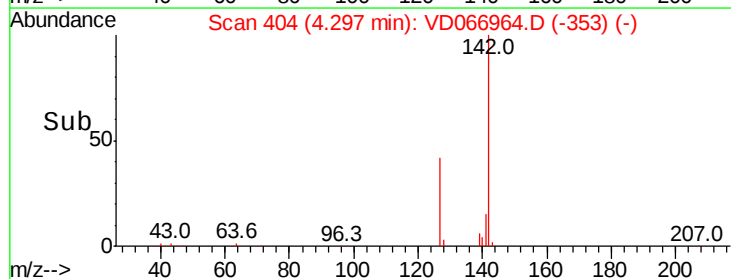
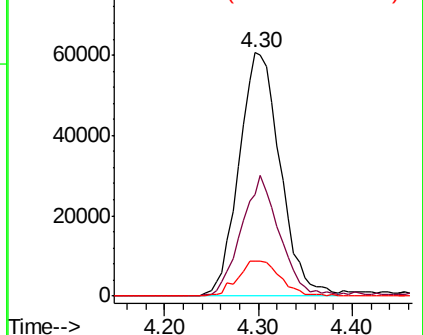
141 14.8 12.1 18.1

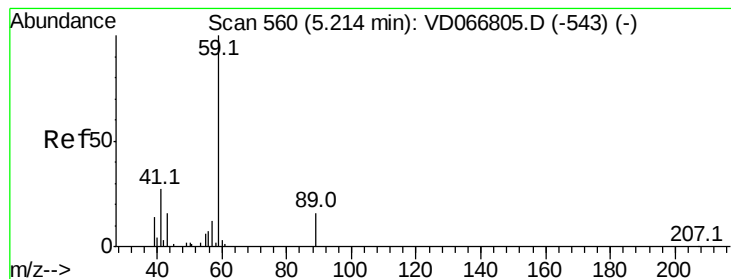


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



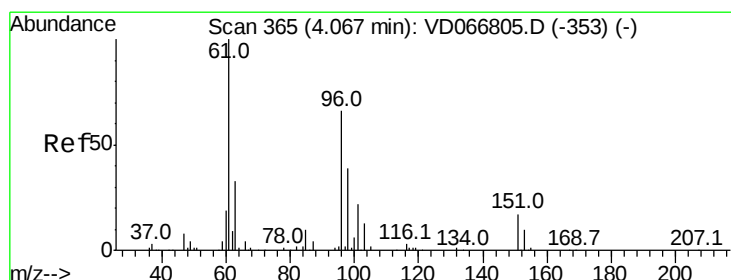
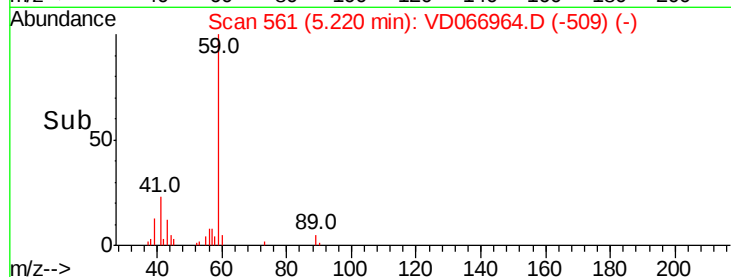
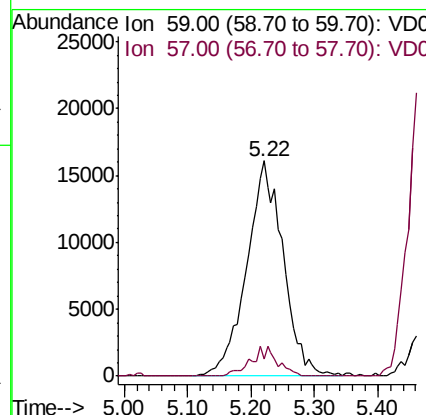
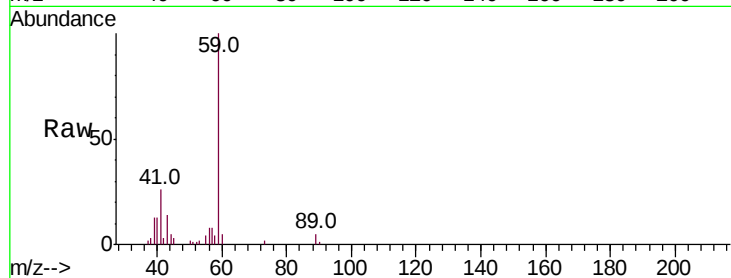


#11

Tert butyl alcohol
 Concen: 295.227 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

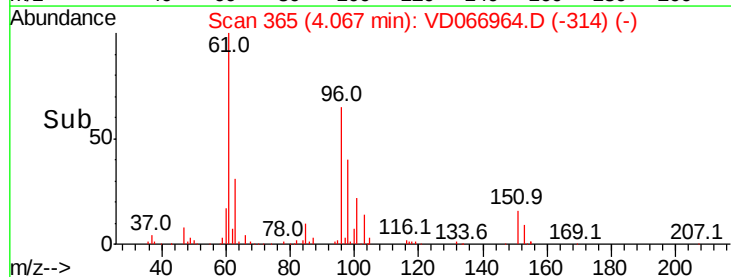
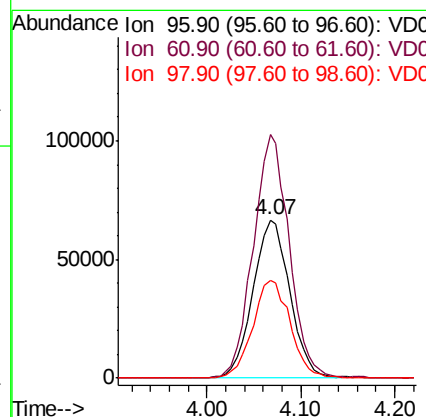
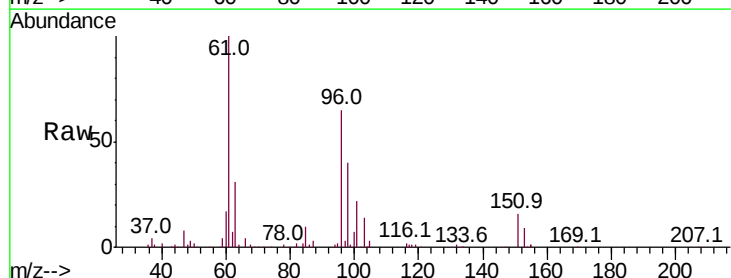
Tot Ion: 59 Resp: 64282
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

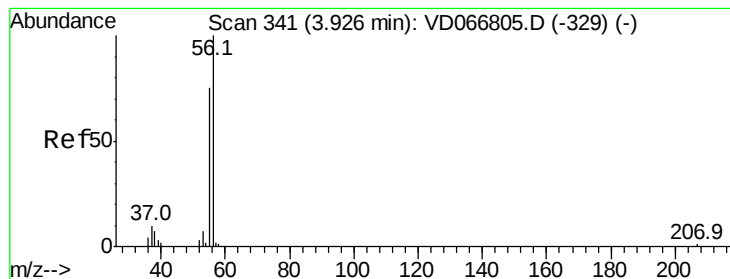


#12

1,1-Dichloroethene
 Concen: 48.687 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

Tgt Ion: 96 Resp: 180862
 Ion Ratio Lower Upper
 96 100
 61 153.6 120.8 181.2
 98 61.5 47.7 71.5





#13

Acrolein

Concen: 247.655 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

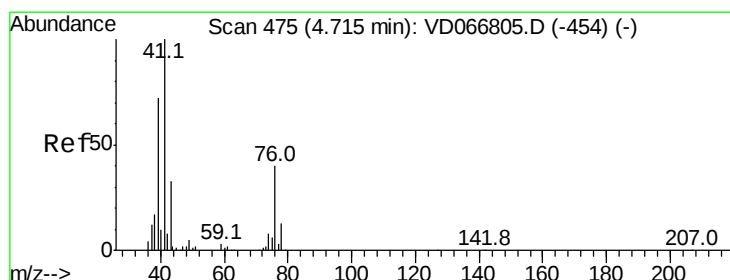
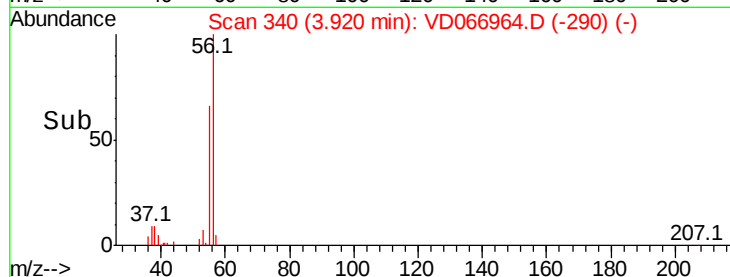
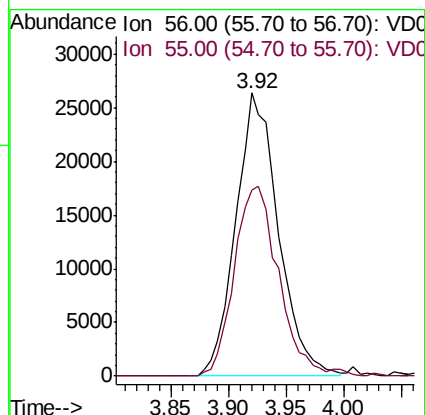
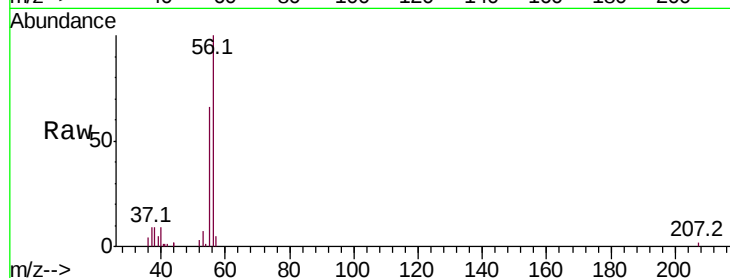
VSTDCCC050EC

Tot Ion: 56 Resp: 67835

Ion Ratio Lower Upper

56 100

55 69.8 60.3 90.5



#14

Allyl chloride

Concen: 50.292 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

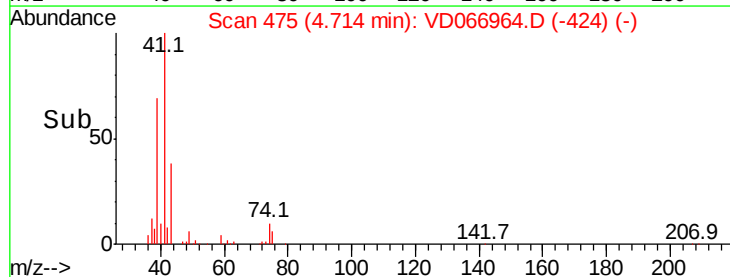
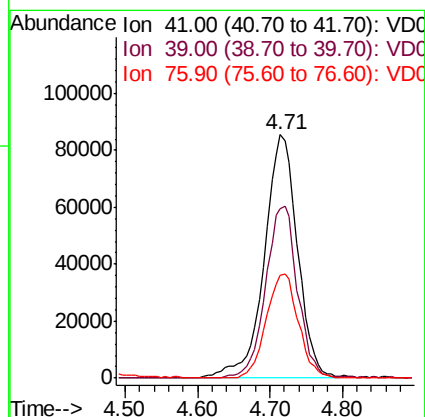
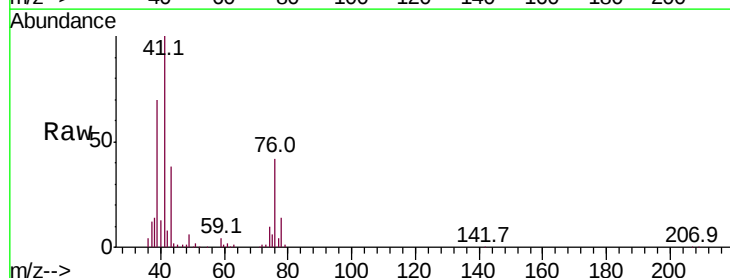
Tgt Ion: 41 Resp: 274336

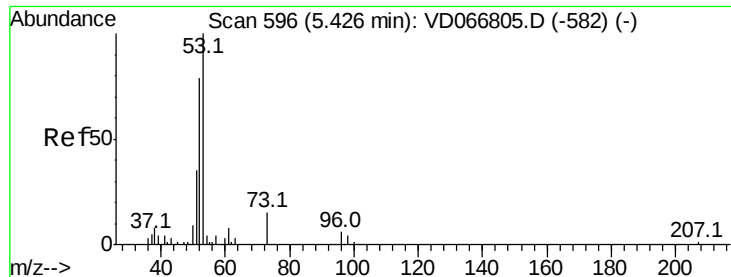
Ion Ratio Lower Upper

41 100

39 68.5 57.8 86.8

76 41.5 30.9 46.3





#15

Acrylonitrile

Concen: 278.102 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

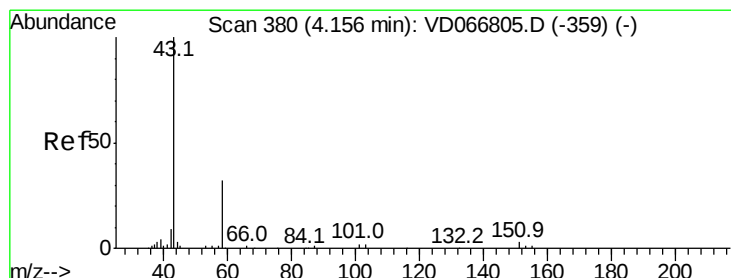
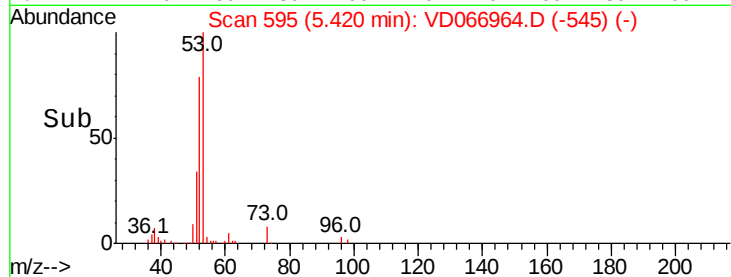
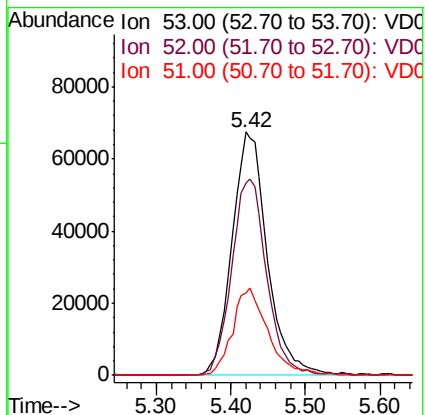
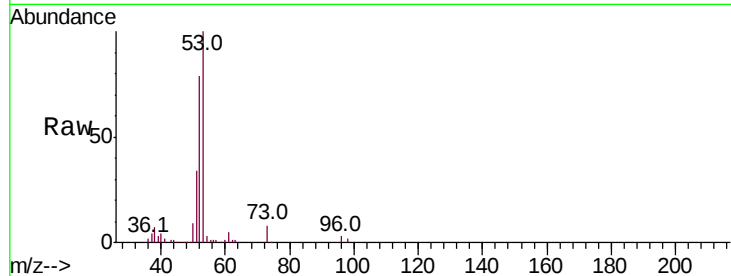
Tot Ion: 53 Resp: 221269

Ion Ratio Lower Upper

53 100

52 79.8 65.2 97.8

51 36.3 30.6 46.0



#16

Acetone

Concen: 202.845 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066964.D

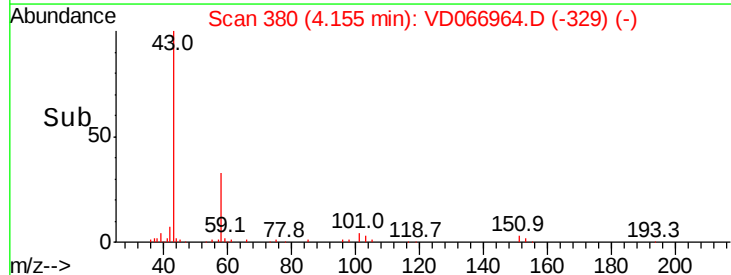
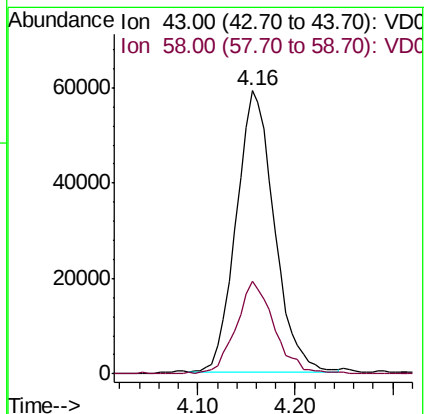
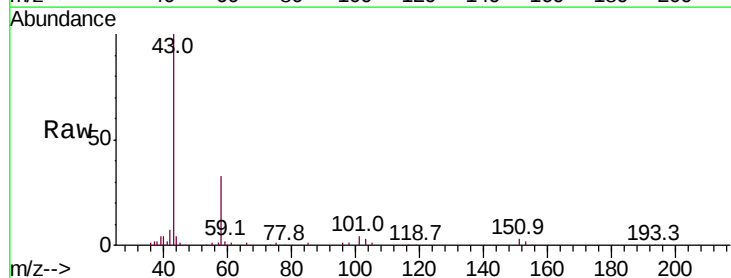
Acq: 30 Sep 2020 04:13

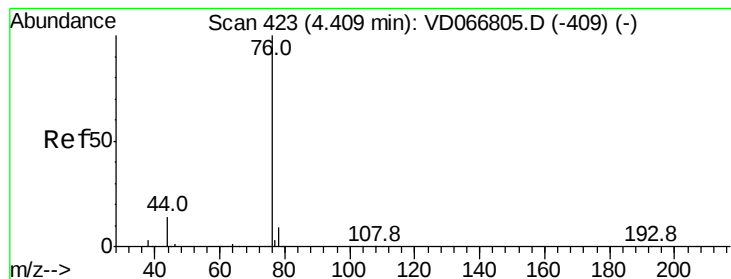
Tgt Ion: 43 Resp: 159773

Ion Ratio Lower Upper

43 100

58 32.6 25.6 38.4





#17

Carbon Disulfide

Concen: 45.955 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

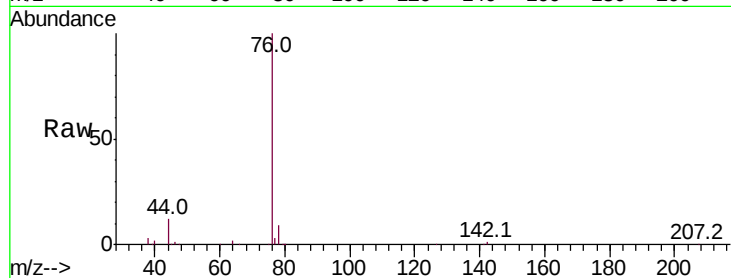
VSTDCCC050EC

Tot Ion: 76 Resp: 521913

Ion Ratio Lower Upper

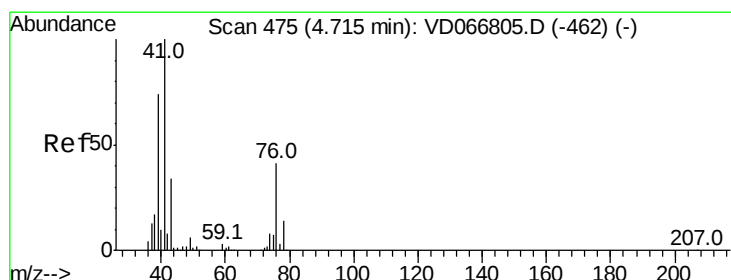
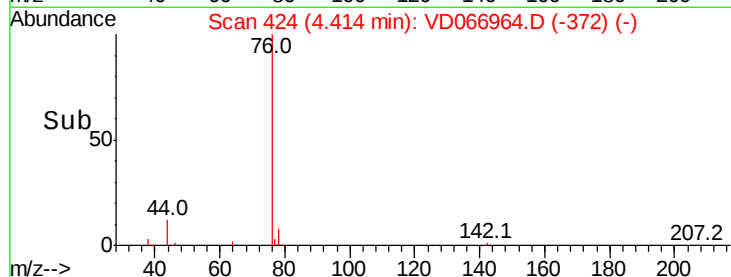
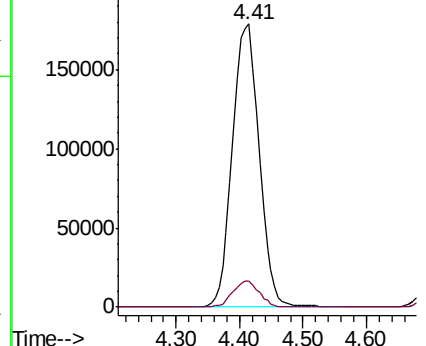
76 100

78 9.0 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 58.881 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD066964.D

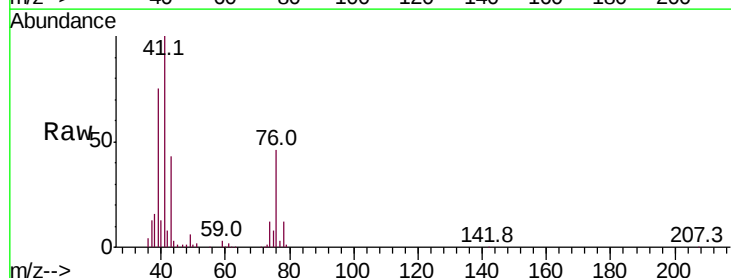
Acq: 30 Sep 2020 04:13

Tgt Ion: 43 Resp: 102349

Ion Ratio Lower Upper

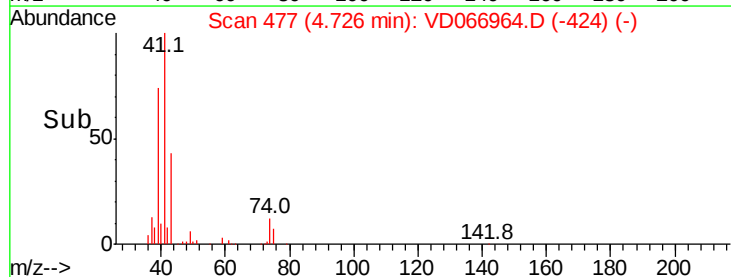
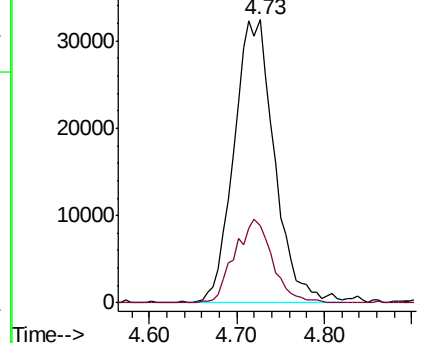
43 100

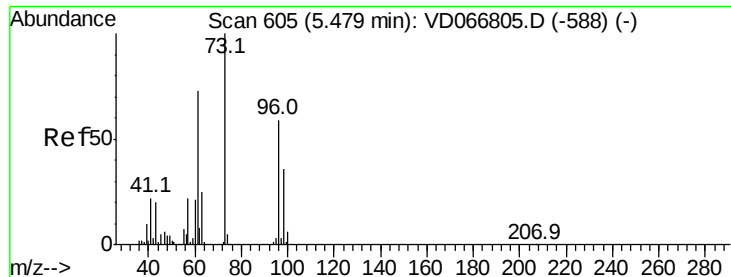
74 27.6 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



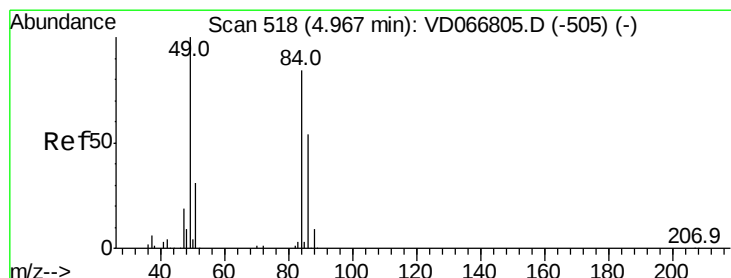
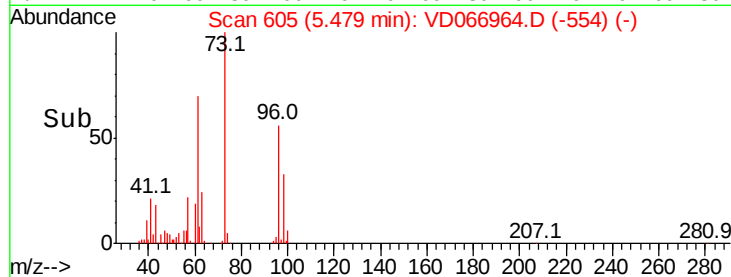
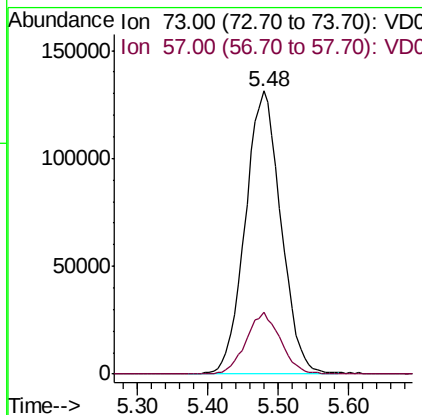
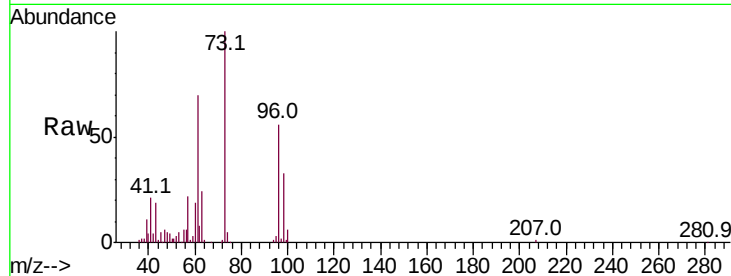


#19

Methyl tert-butyl Ether
 Concen: 57.391 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

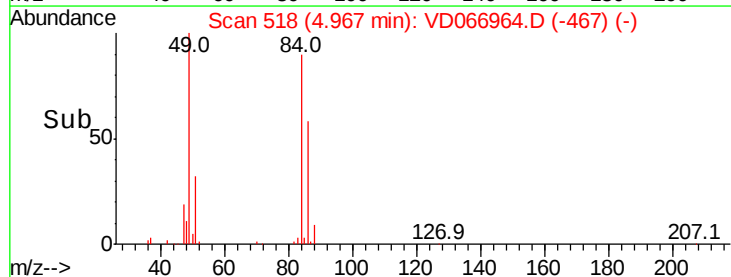
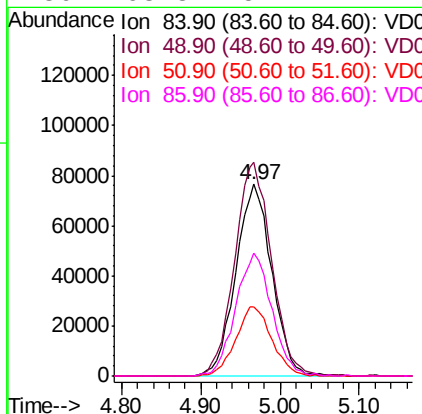
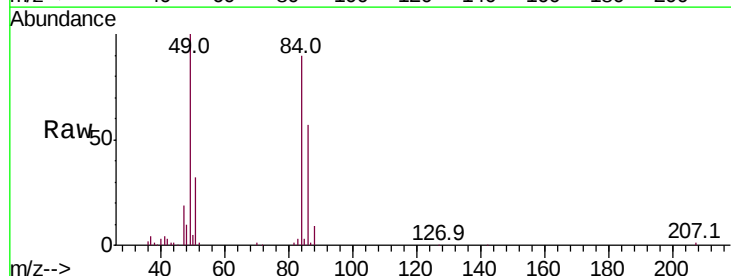
Tot Ion: 73 Resp: 462990
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.4 26.2

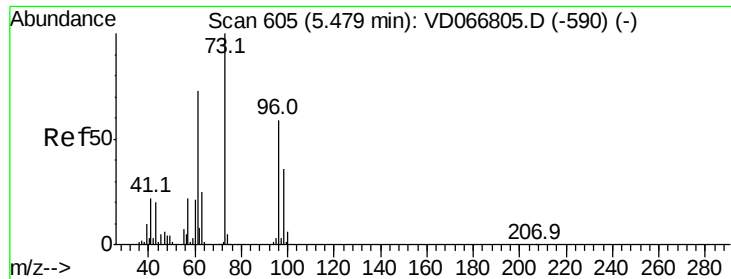


#20

Methylene Chloride
 Concen: 57.601 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

Tgt Ion: 84 Resp: 241099
 Ion Ratio Lower Upper
 84 100
 49 111.3 95.4 143.2
 51 35.9 29.7 44.5
 86 63.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 53.470 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

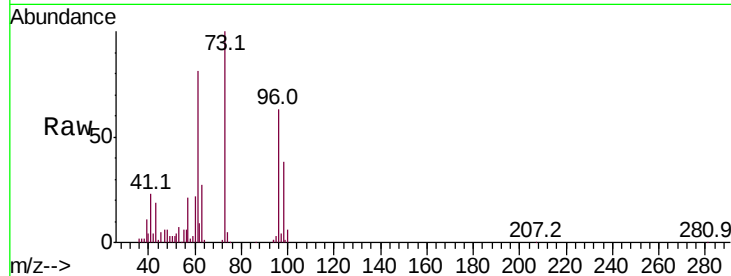
Tot Ion: 96 Resp: 229990

Ion Ratio Lower Upper

96 100

61 129.2 98.9 148.3

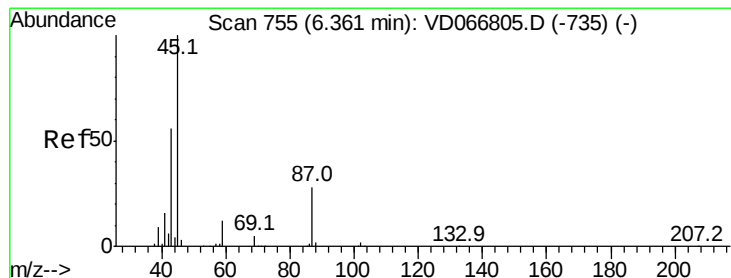
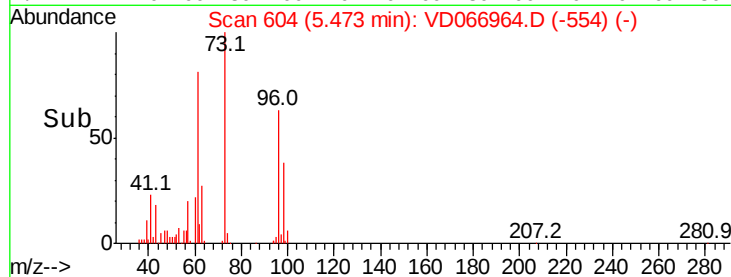
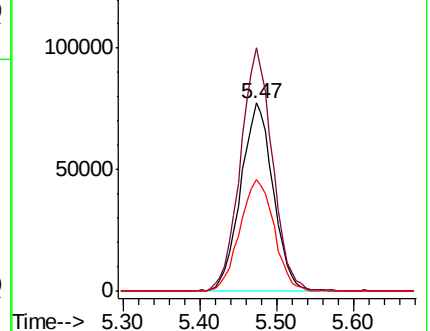
98 59.7 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 54.743 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Tgt Ion: 45 Resp: 613976

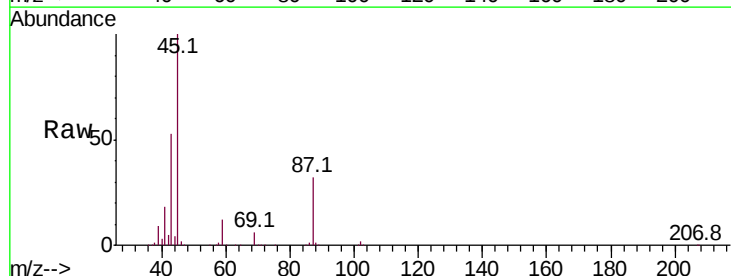
Ion Ratio Lower Upper

45 100

43 52.6 44.5 66.7

87 32.3 22.9 34.3

59 11.8 9.4 14.0

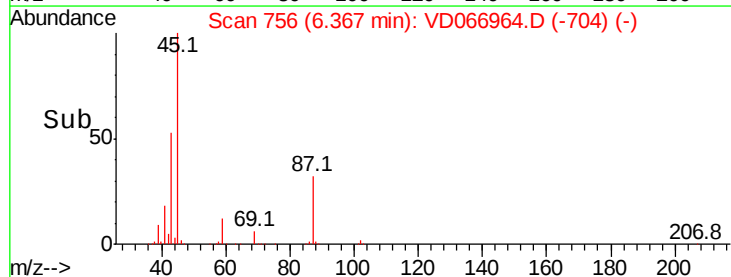
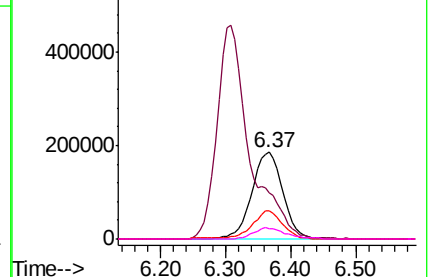


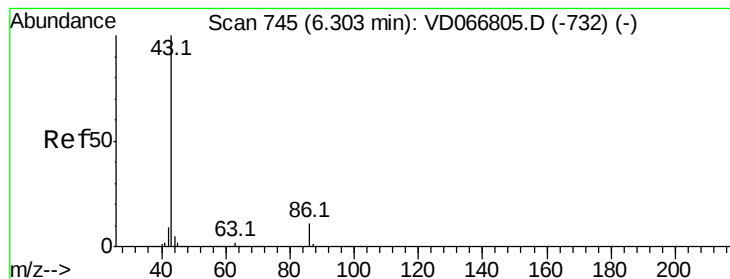
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 260.730 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

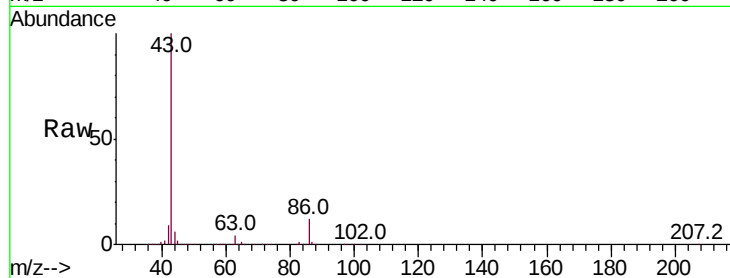
VSTDCCC050EC

Tot Ion: 43 Resp: 1588373

Ion Ratio Lower Upper

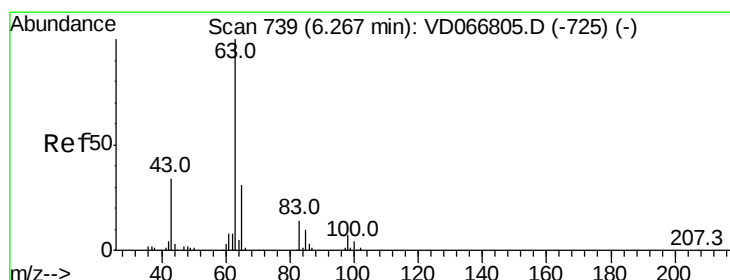
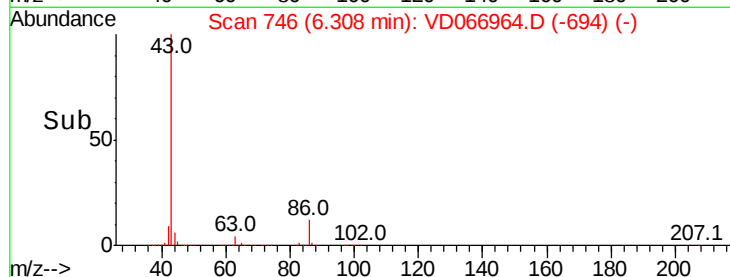
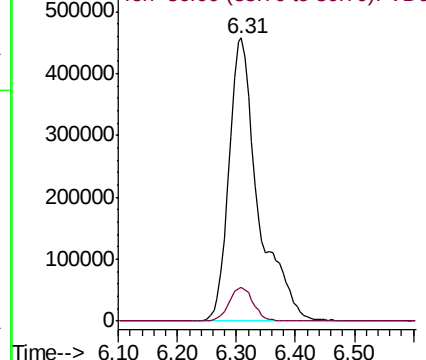
43 100

86 12.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 52.755 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

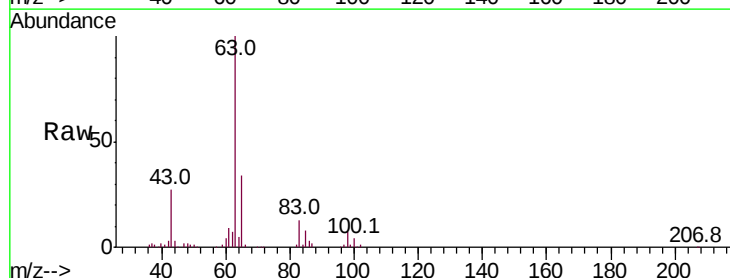
Tgt Ion: 63 Resp: 395828

Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

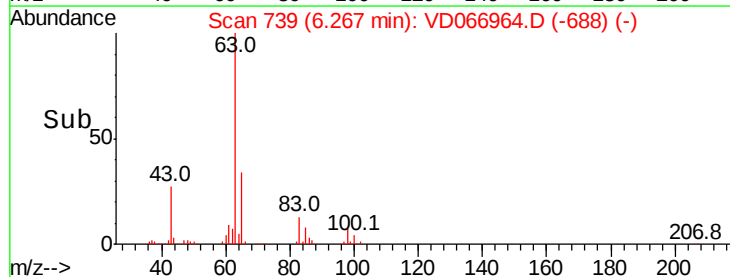
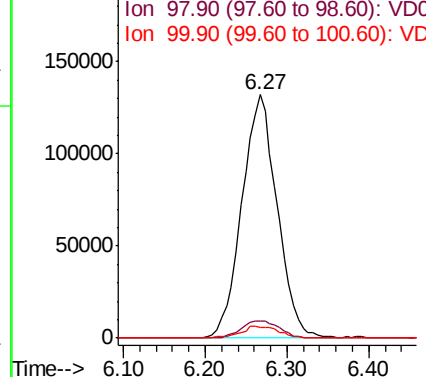
100 4.3 1.8 5.5

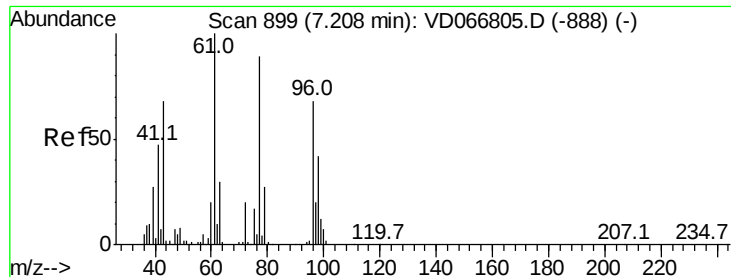


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

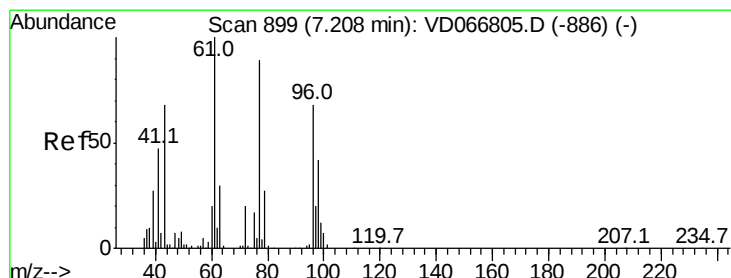
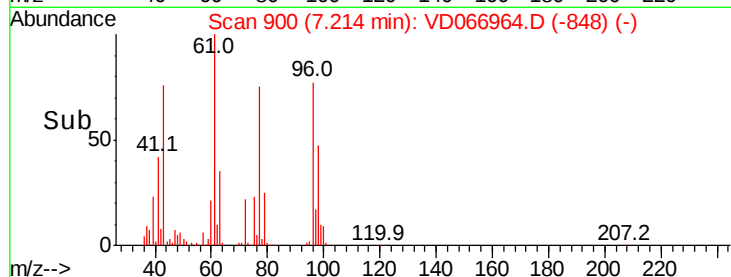
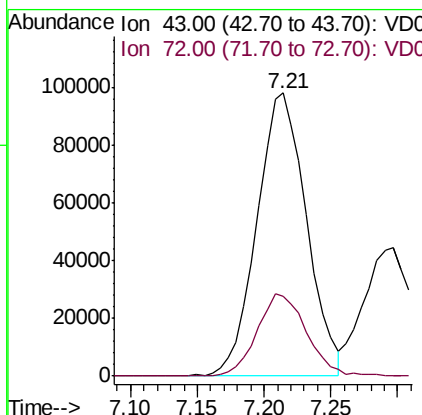
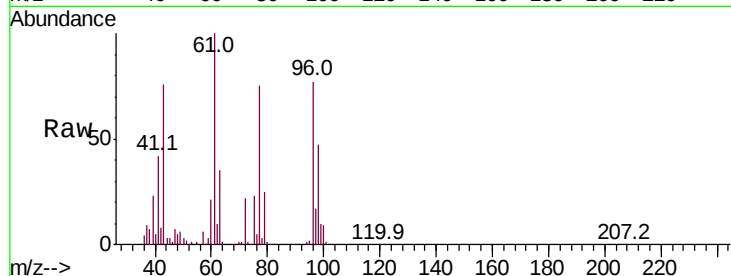




#25
2-Butanone
Concen: 266.548 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

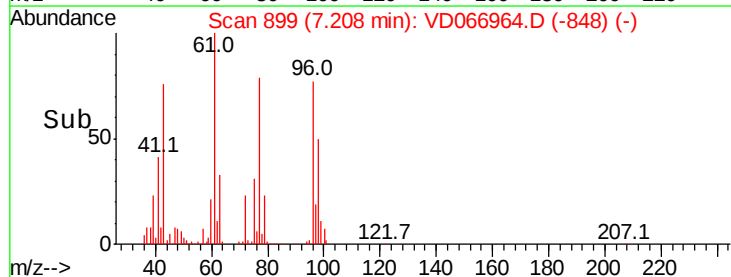
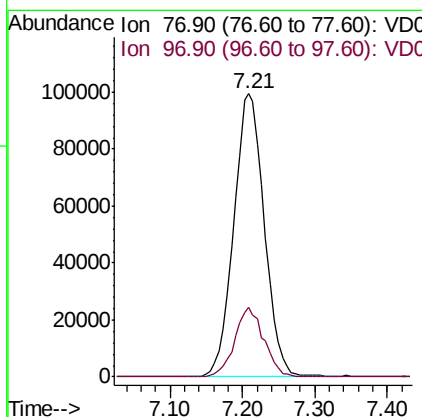
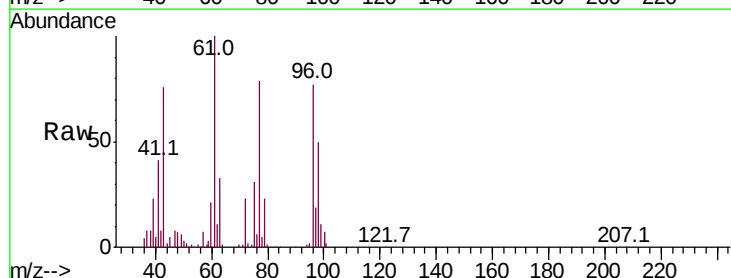
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

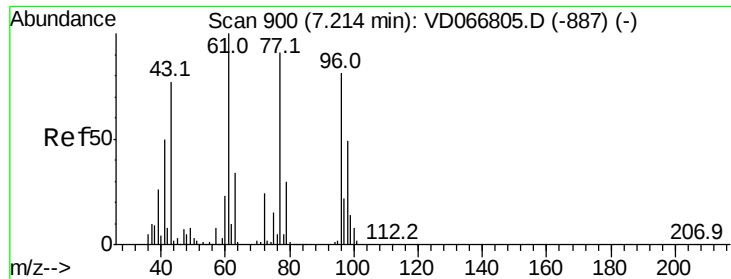
Tot Ion: 43 Resp: 252303
Ion Ratio Lower Upper
43 100
72 28.3 22.9 34.3



#26
2,2-Dichloropropane
Concen: 42.199 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

Tgt Ion: 77 Resp: 290201
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.1

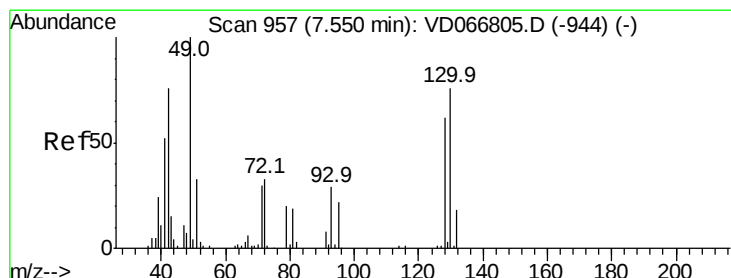
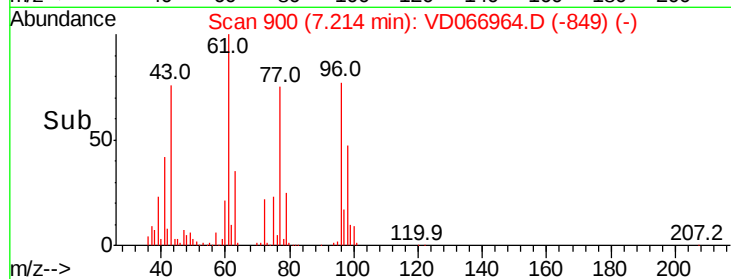
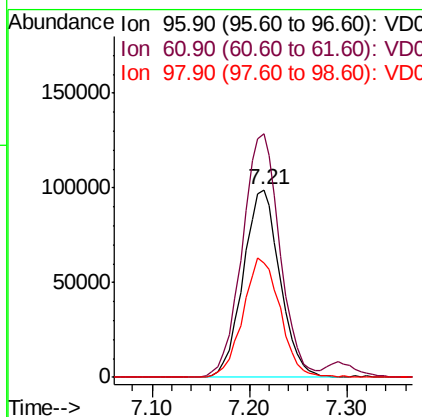
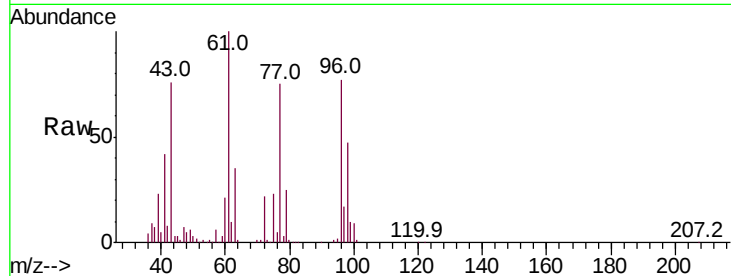




#27
 cis-1,2-Dichloroethene
 Concen: 56.016 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

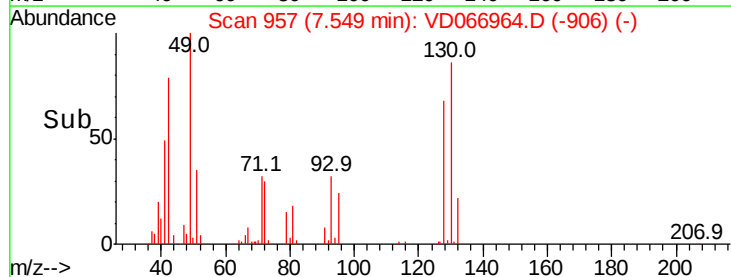
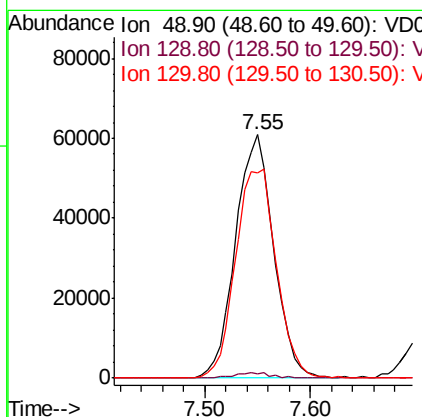
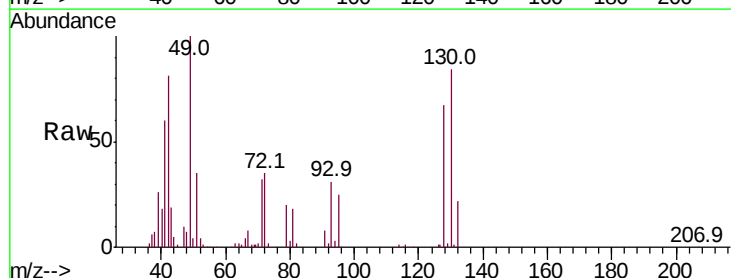
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

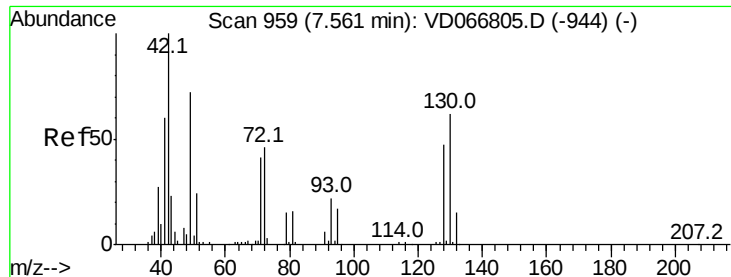
Tot Ion: 96 Resp: 261791
 Ion Ratio Lower Upper
 96 100
 61 132.9 0.0 283.8
 98 64.1 0.0 128.4



#28
 Bromochloromethane
 Concen: 49.131 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

Tgt Ion: 49 Resp: 152294
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 2.0#
 130 92.1 65.9 98.9

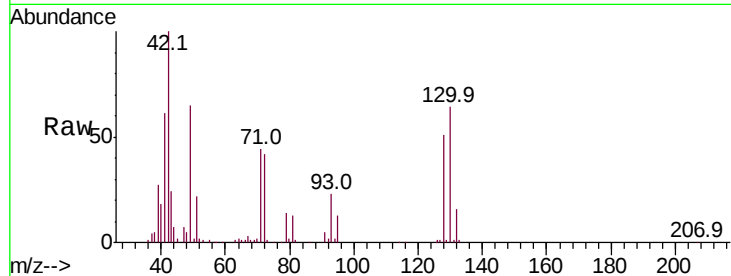




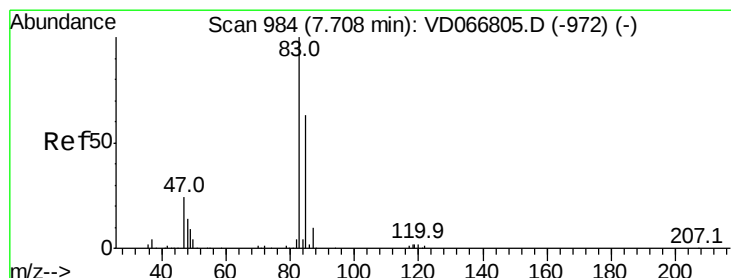
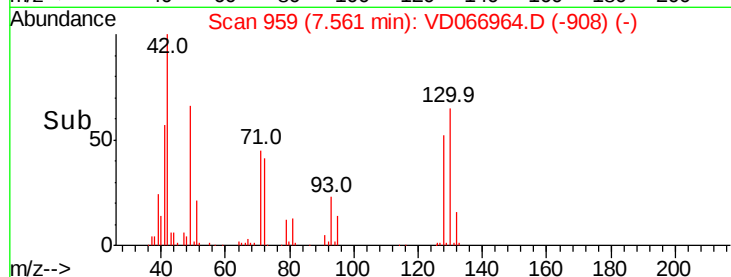
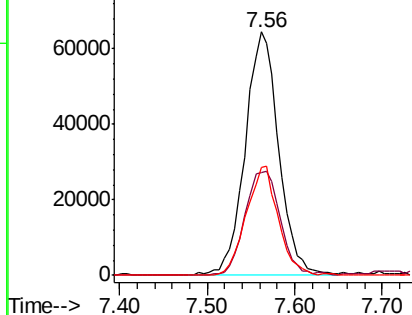
#29
Tetrahydrofuran
Concen: 276.832 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 167901
Ion Ratio Lower Upper
42 100
72 45.4 36.2 54.4
71 42.8 32.4 48.6

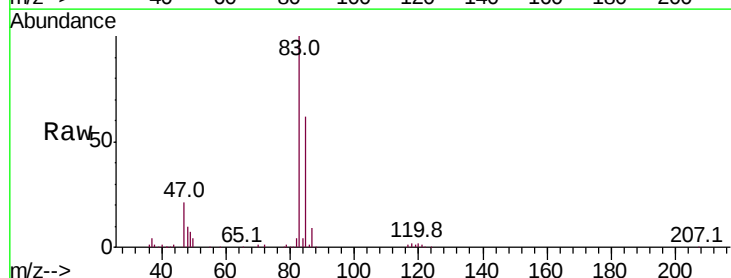


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

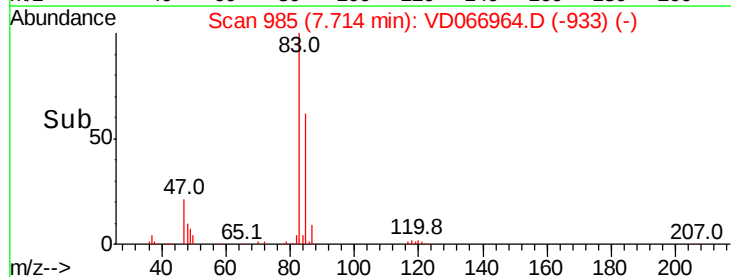
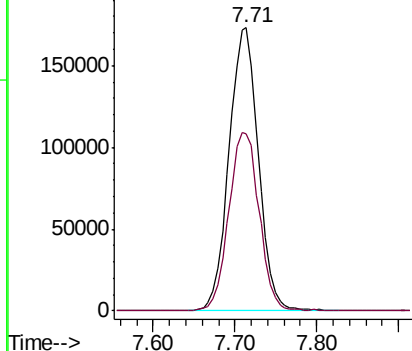


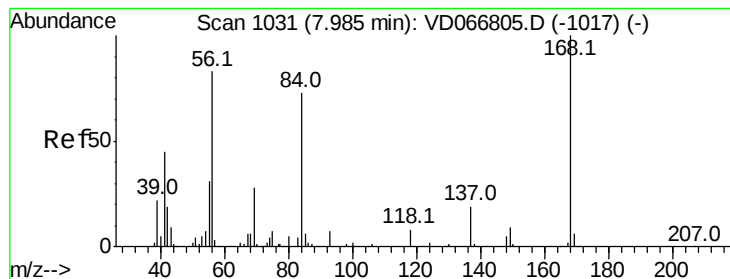
#30
Chloroform
Concen: 53.531 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

Tgt Ion: 83 Resp: 432953
Ion Ratio Lower Upper
83 100
85 62.5 50.6 75.8



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





#31

Cyclohexane

Concen: 42.522 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

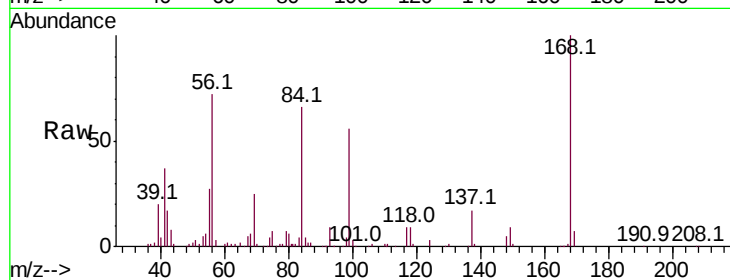
Tot Ion: 56 Resp: 287073

Ion Ratio Lower Upper

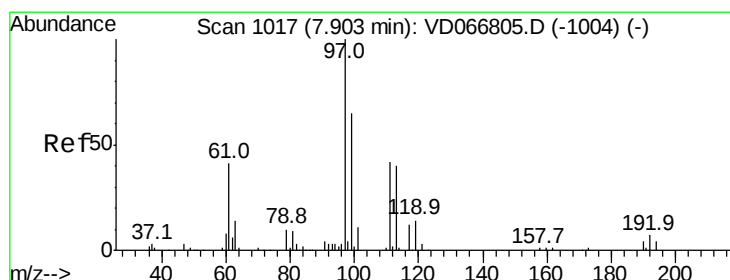
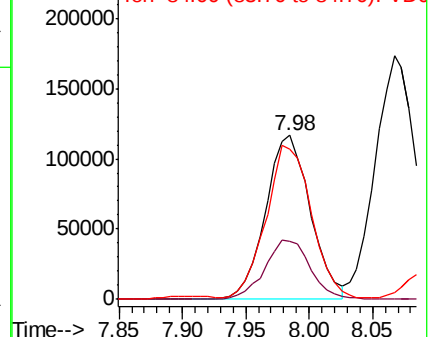
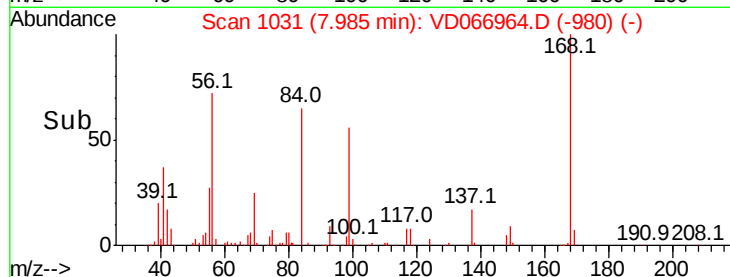
56 100

69 35.3 27.0 40.4

84 89.7 70.2 105.4



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



#32

1,1,1-Trichloroethane

Concen: 51.032 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

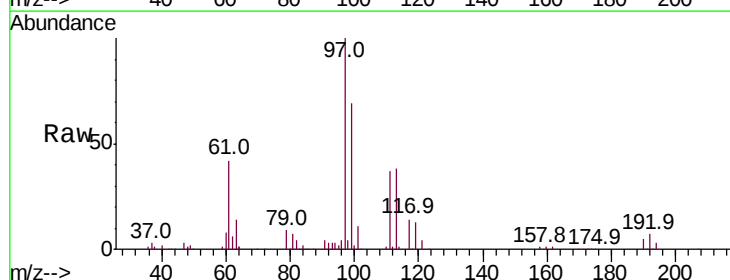
Tgt Ion: 97 Resp: 373374

Ion Ratio Lower Upper

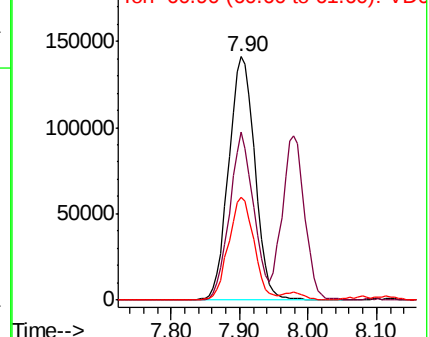
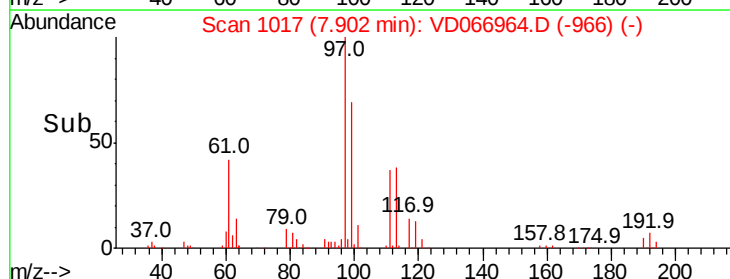
97 100

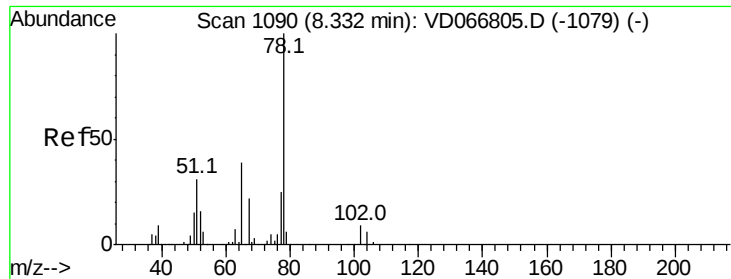
99 63.6 51.5 77.3

61 40.9 34.2 51.4



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





#33

1,2-Dichloroethane-d4

Concen: 46.815 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

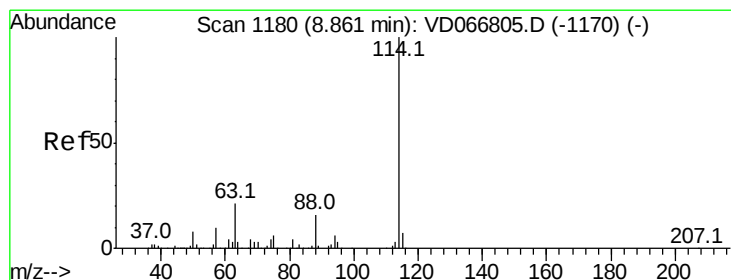
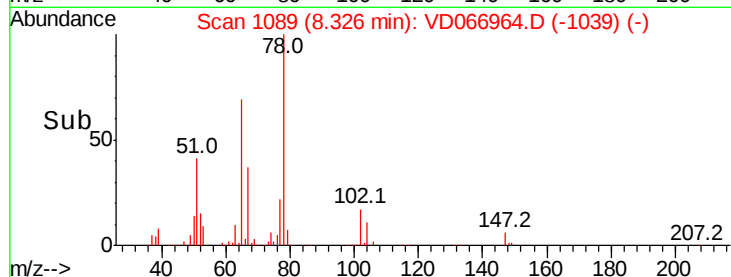
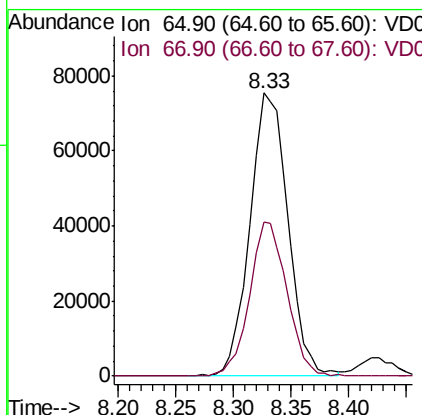
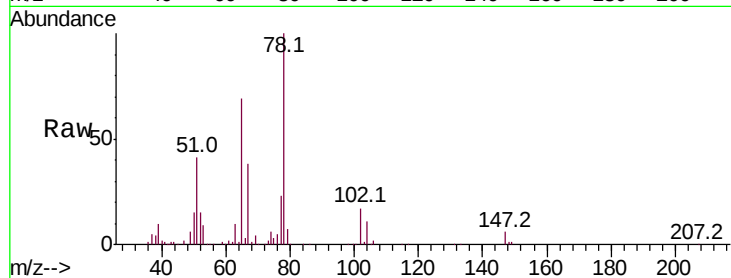
Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 173824

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

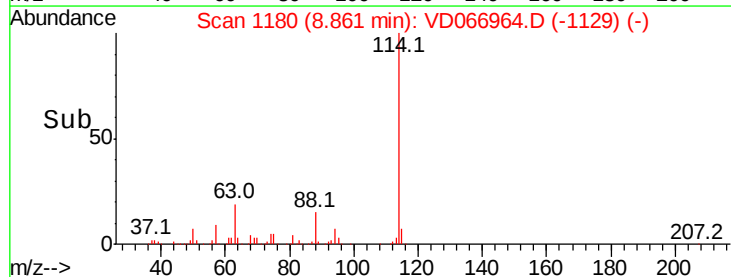
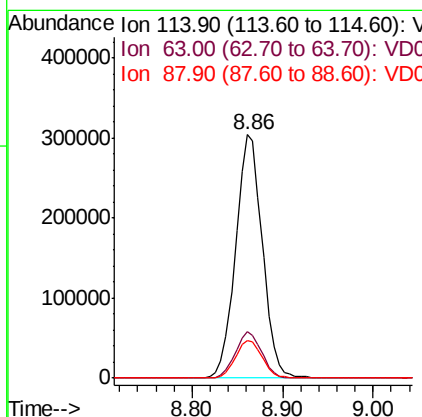
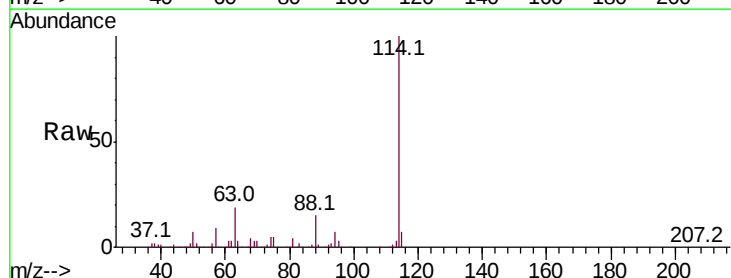
Delta R.T. -0.00 min

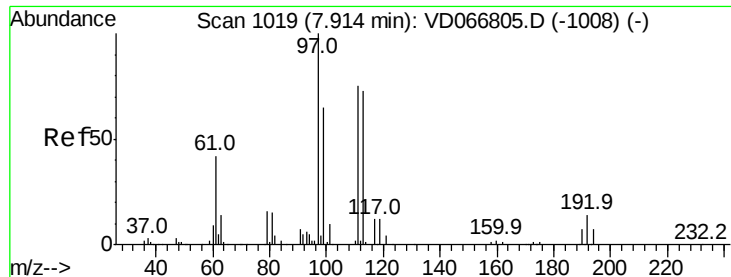
Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Tgt Ion: 114 Resp: 623863

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	42.6
88	15.5	0.0	32.6

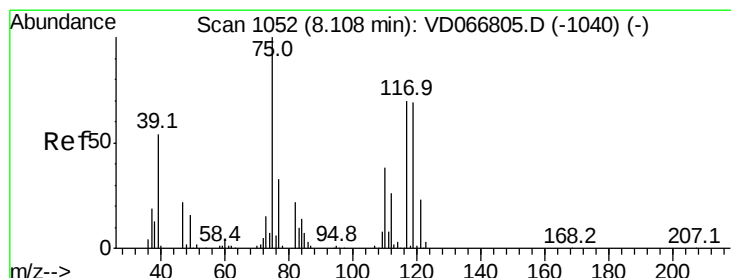
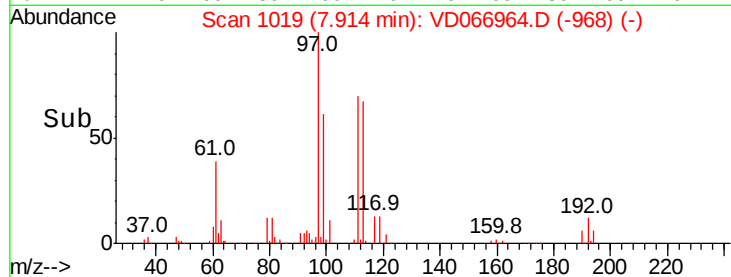
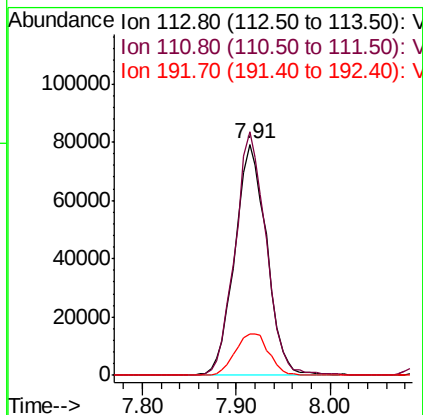
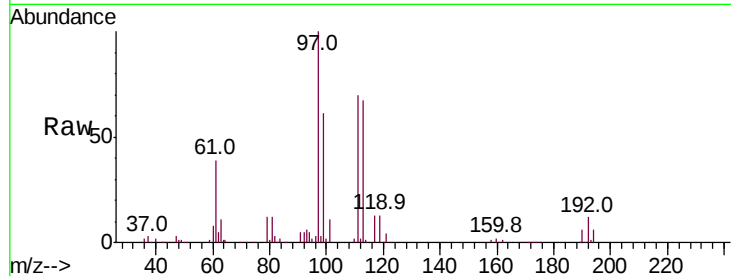




#35
 Dibromofluoromethane
 Concen: 47.038 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

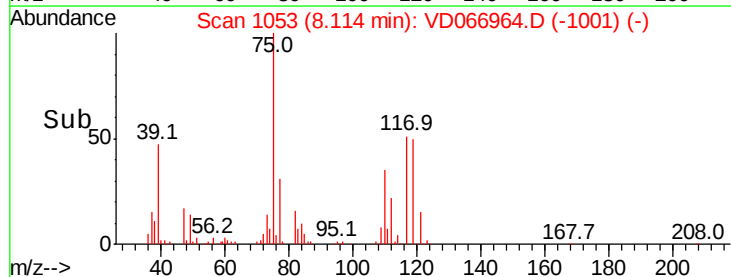
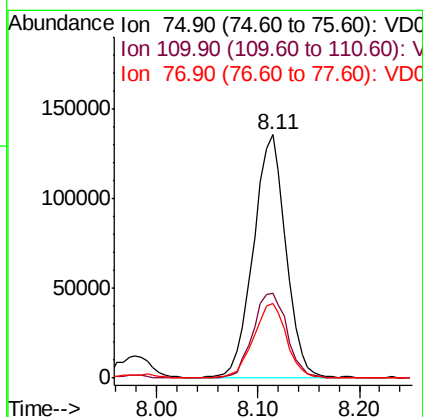
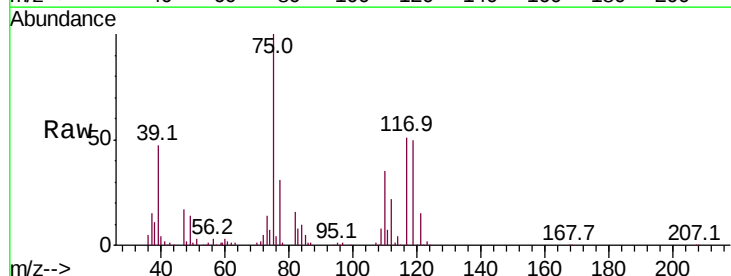
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

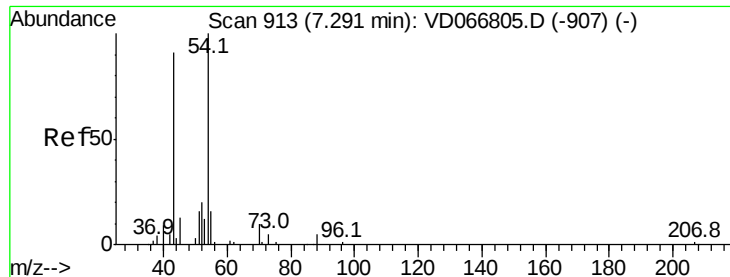
Tot Ion:113 Resp: 186695
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.8
 192 19.1 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 48.932 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

Tgt Ion: 75 Resp: 302852
 Ion Ratio Lower Upper
 75 100
 110 37.0 17.9 53.8
 77 31.5 25.0 37.6





#37

Ethyl Acetate

Concen: 52.405 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

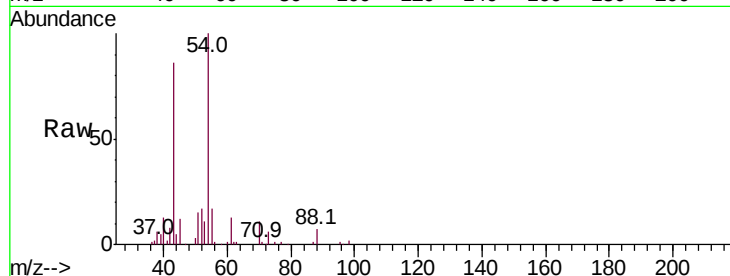
Tot Ion: 43 Resp: 117253

Ion Ratio Lower Upper

43 100

61 13.6 9.8 14.8

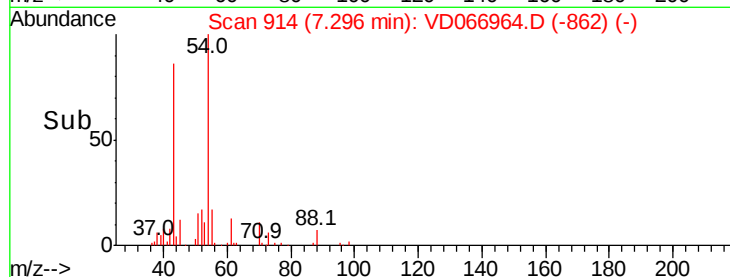
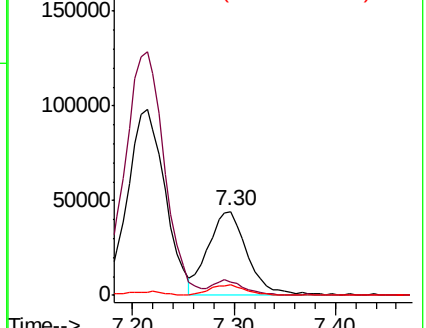
70 11.8 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 48.504 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

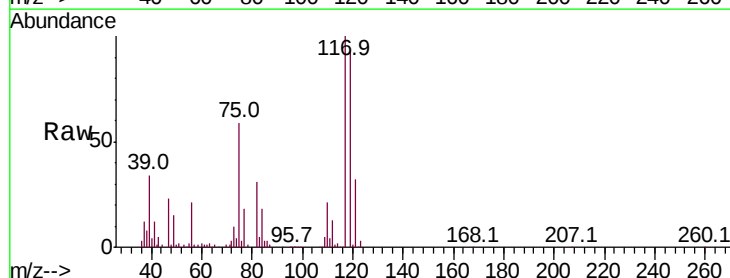
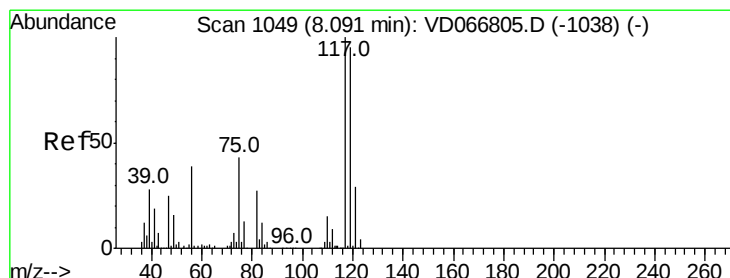
Tgt Ion: 117 Resp: 328207

Ion Ratio Lower Upper

117 100

119 92.6 75.8 113.8

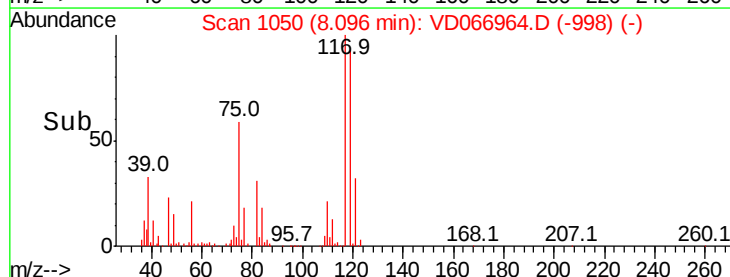
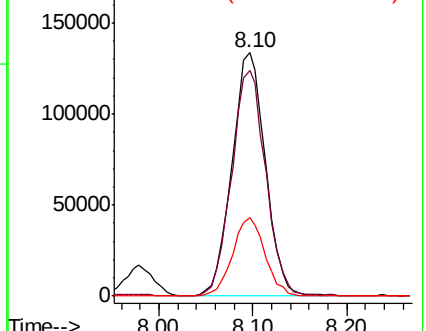
121 32.1 23.4 35.0

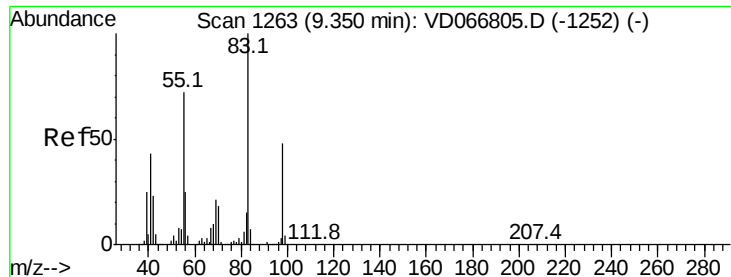


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

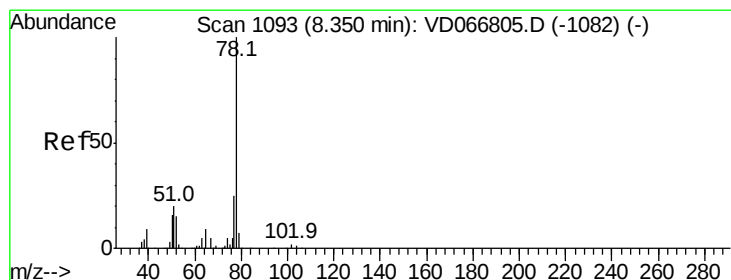
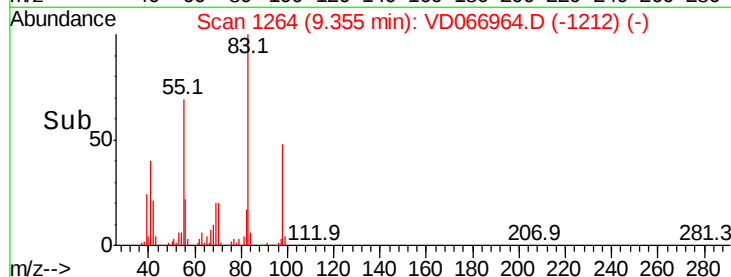
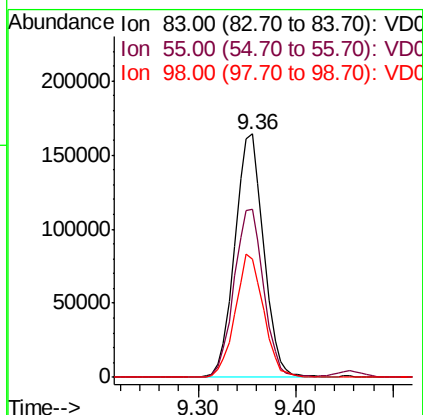
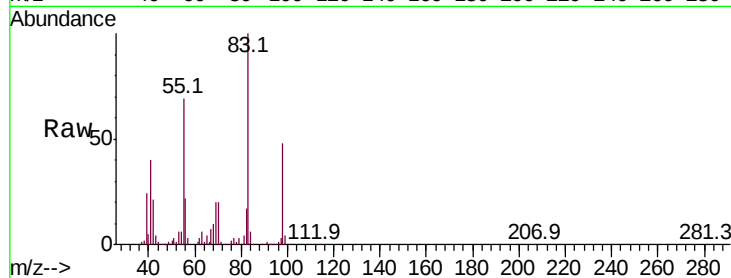




#39
Methvlcvclohexane
Concen: 47.434 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

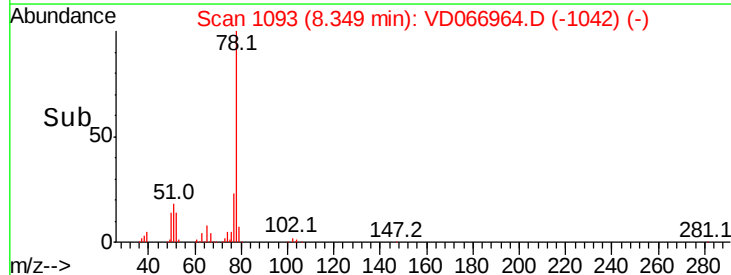
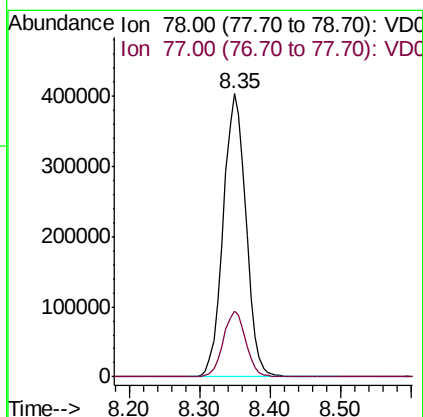
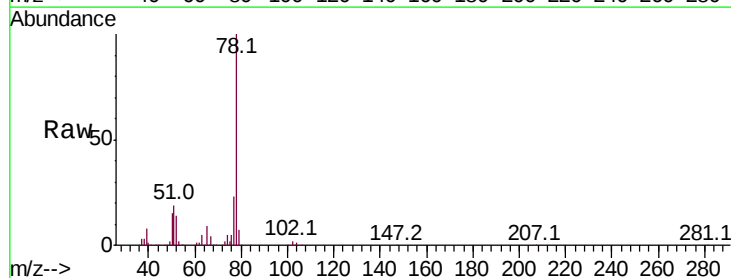
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

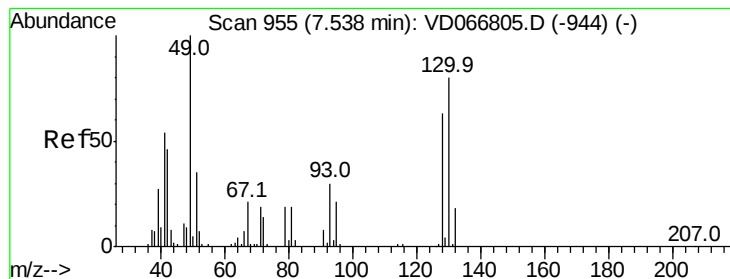
Tot Ion: 83 Resp: 337075
Ion Ratio Lower Upper
83 100
55 68.9 57.7 86.5
98 48.3 38.4 57.6



#40
Benzene
Concen: 52.453 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

Tgt Ion: 78 Resp: 904785
Ion Ratio Lower Upper
78 100
77 23.2 19.9 29.9





#41

Methacrylonitrile

Concen: 122.863 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.02 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

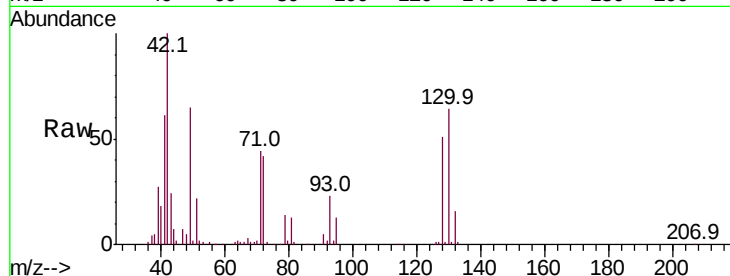
ClientSampleId :

VSTDCCC050EC

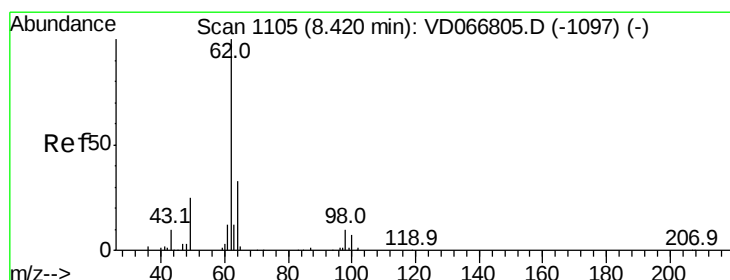
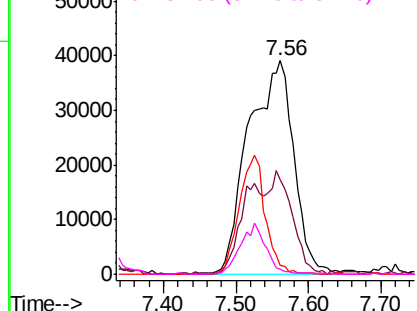
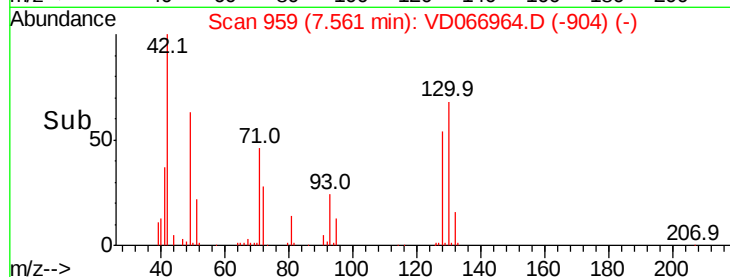
Tot Ion: 41 Resp: 169055

Ion Ratio Lower Upper

41	100		
39	22.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



Abundance Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC
 Ion 67.00 (66.70 to 67.70): VDC
 Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 50.823 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.01 min

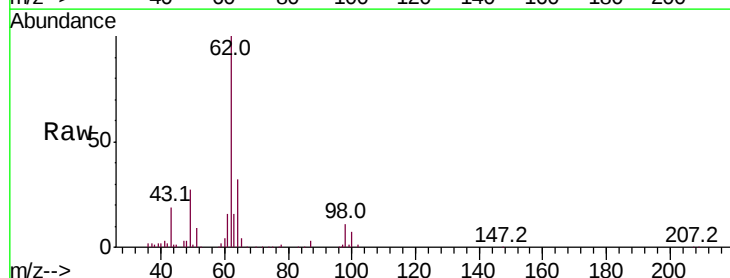
Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

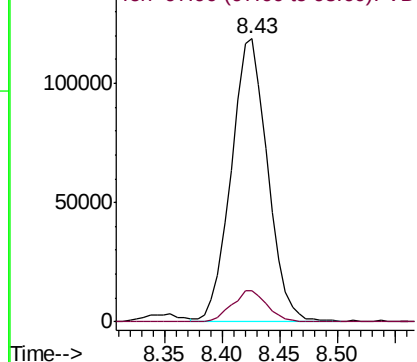
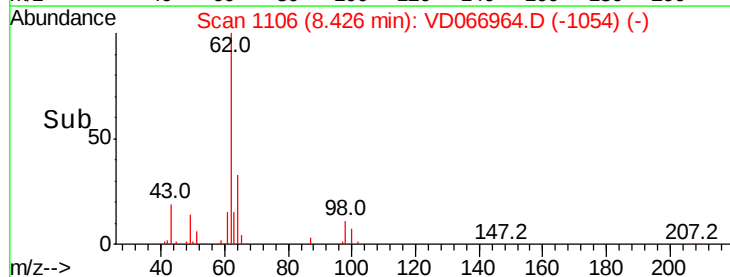
Tgt Ion: 62 Resp: 259165

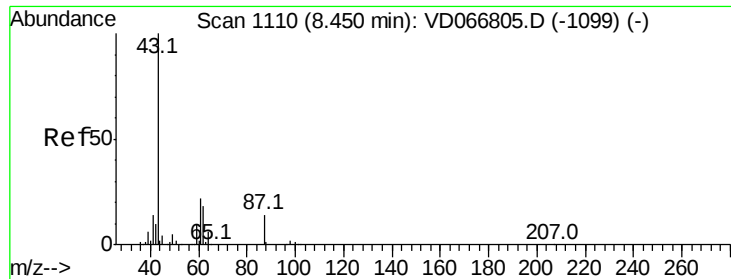
Ion Ratio Lower Upper

62	100		
98	10.8	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 52.417 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

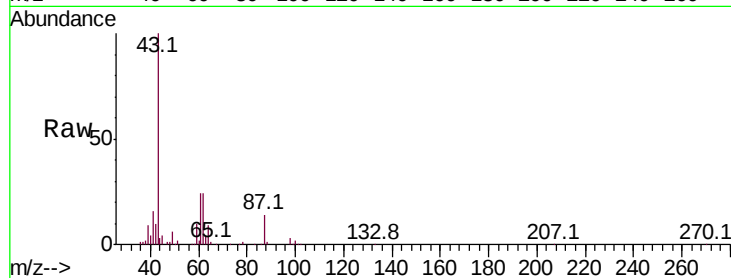
Tot Ion: 43 Resp: 226112

Ion Ratio Lower Upper

43 100

61 33.8 26.2 39.4

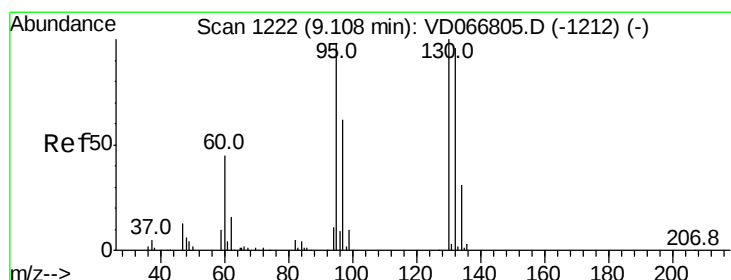
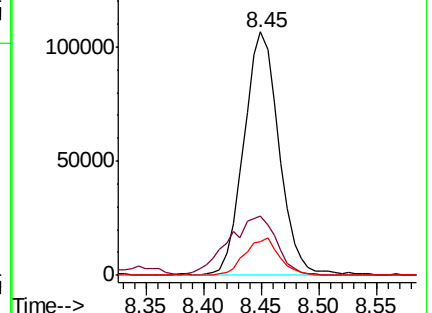
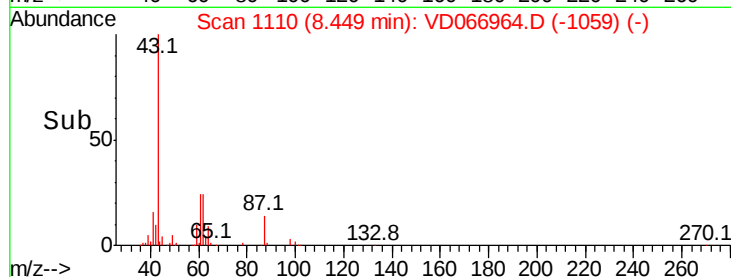
87 15.2 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 52.391 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066964.D

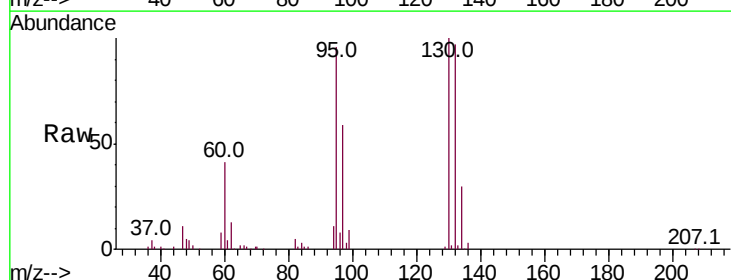
Acq: 30 Sep 2020 04:13

Tgt Ion:130 Resp: 257585

Ion Ratio Lower Upper

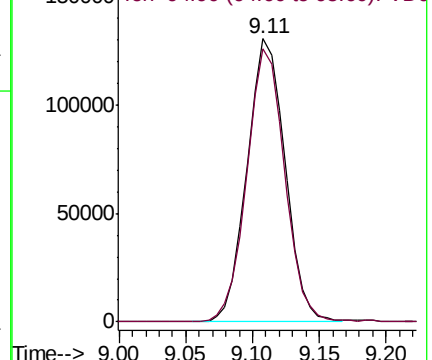
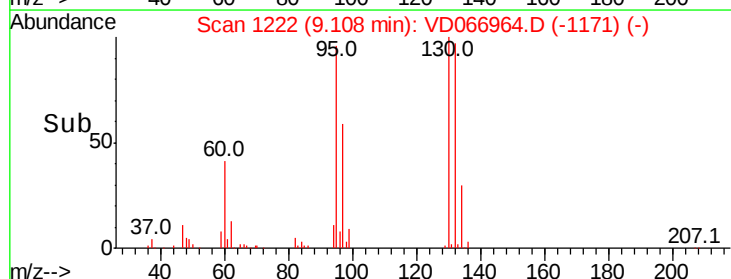
130 100

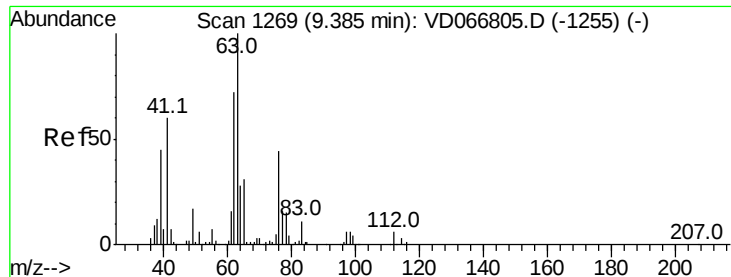
95 96.3 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 51.607 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

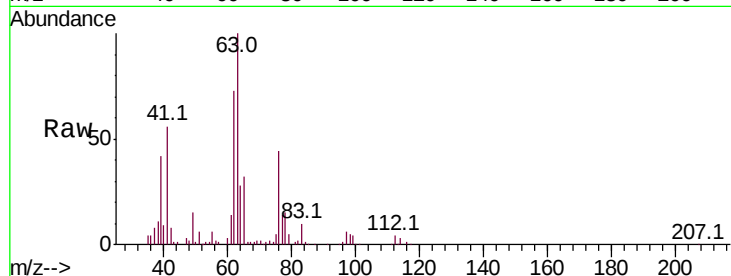
VSTDCCC050EC

Tot Ion: 63 Resp: 223972

Ion Ratio Lower Upper

63 100

65 31.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

120000

100000

80000

60000

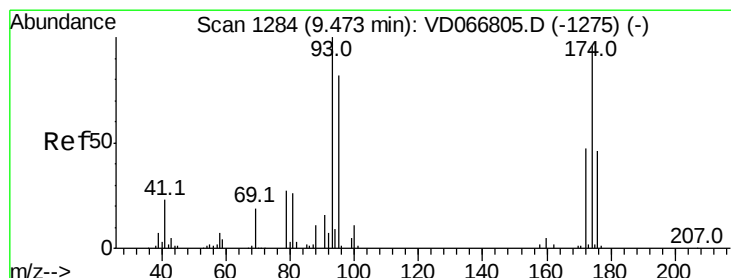
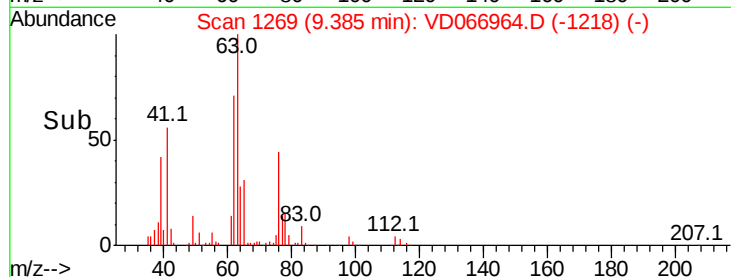
40000

20000

0

Time-->

9.30 9.40



#46

Dibromomethane

Concen: 53.877 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

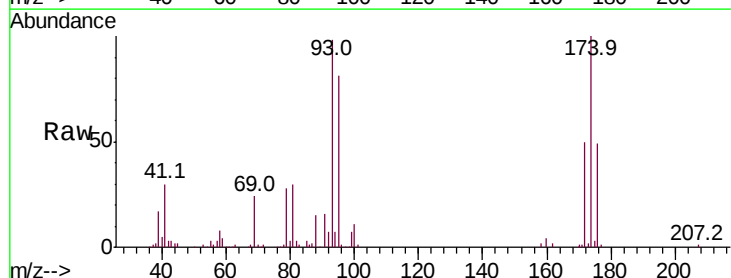
Tgt Ion: 93 Resp: 127041

Ion Ratio Lower Upper

93 100

95 84.8 65.3 97.9

174 101.2 75.4 113.2



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

80000

60000

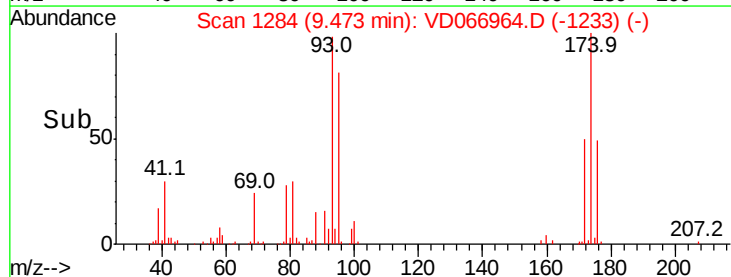
40000

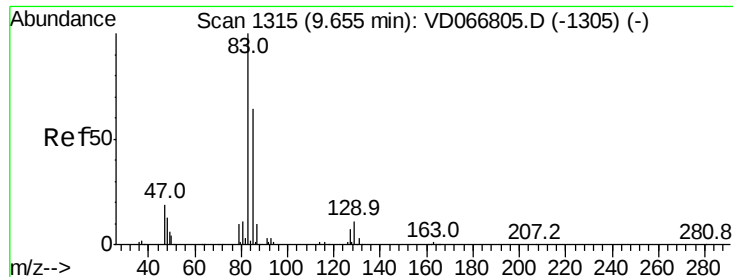
20000

0

Time-->

9.40 9.50 9.60

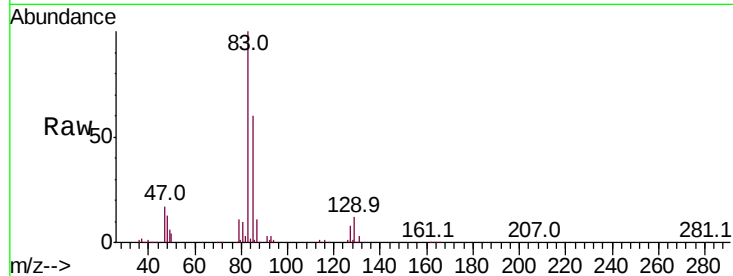




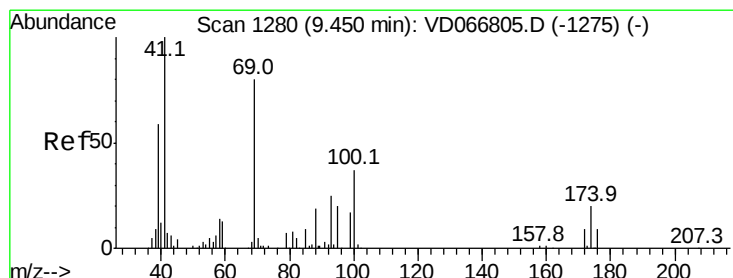
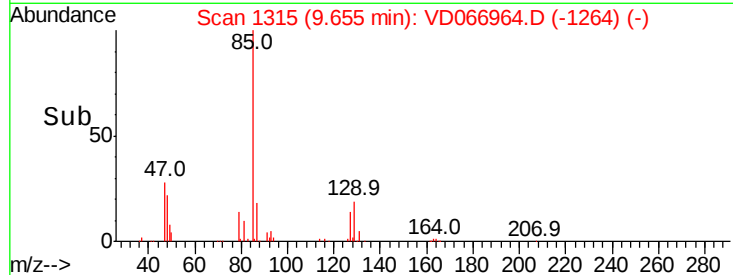
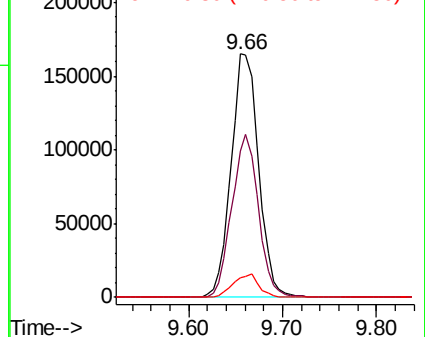
#47
 Bromodichloromethane
 Concen: 52.934 ug/l
 RT: 9.66 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 83 Resp: 335302
 Ion Ratio Lower Upper
 83 100
 85 60.0 50.9 76.3
 127 8.1 5.9 8.9

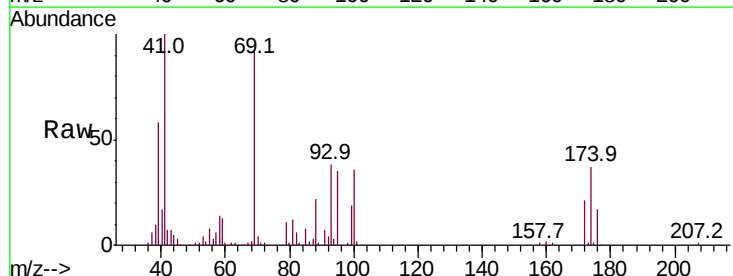


Abundance Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 126.80 (126.50 to 127.50): V

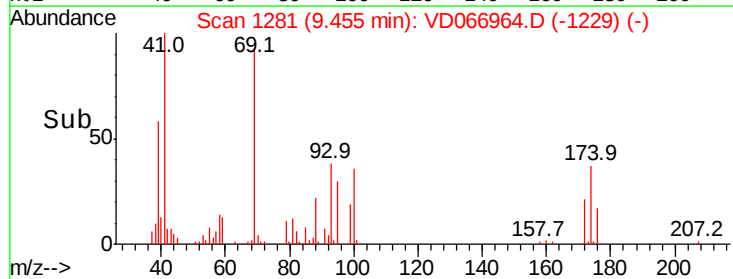
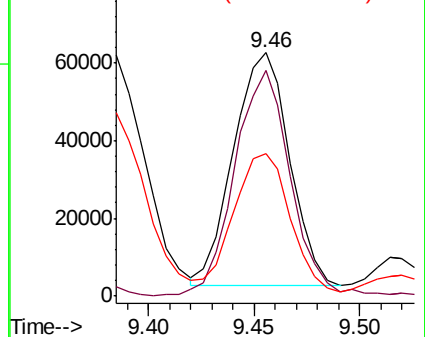


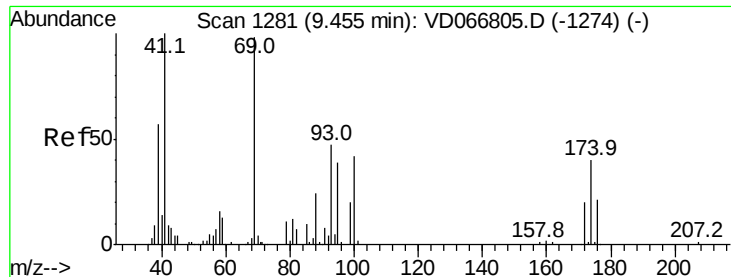
#48
 Methyl methacrylate
 Concen: 52.050 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

Tgt Ion: 41 Resp: 110702
 Ion Ratio Lower Upper
 41 100
 69 96.7 74.5 111.7
 39 63.7 47.0 70.6



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





#49

1,4-Dioxane

Concen: 1187.490 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

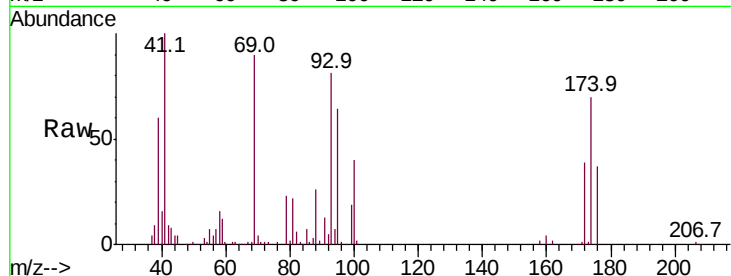
Tot Ion: 88 Resp: 31234

Ion Ratio Lower Upper

88 100

43 29.5 27.7 41.5

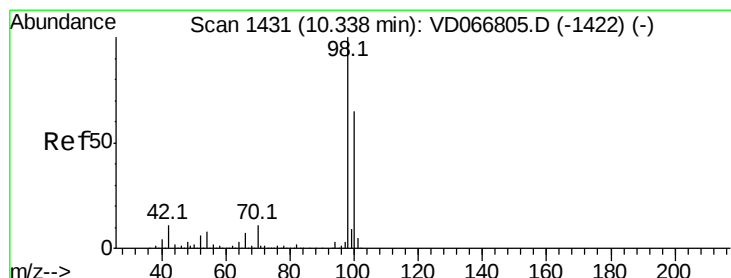
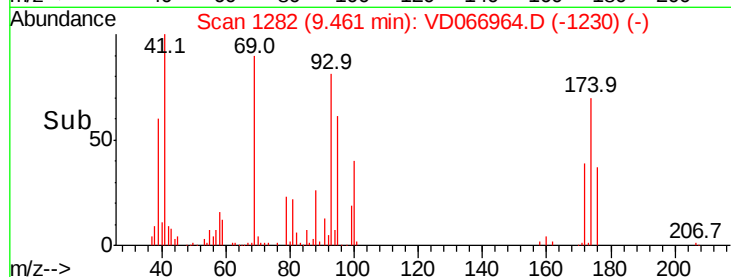
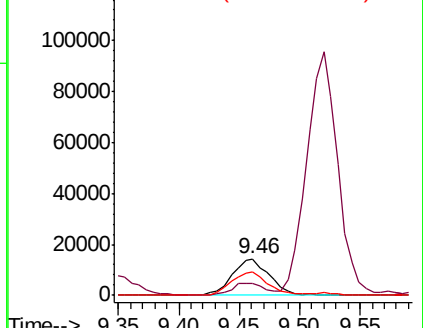
58 61.8 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 48.162 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066964.D

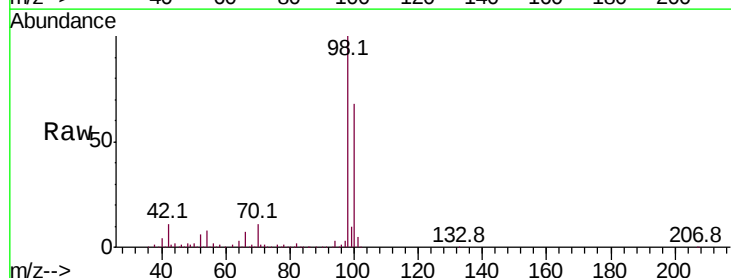
Acq: 30 Sep 2020 04:13

Tgt Ion: 98 Resp: 651300

Ion Ratio Lower Upper

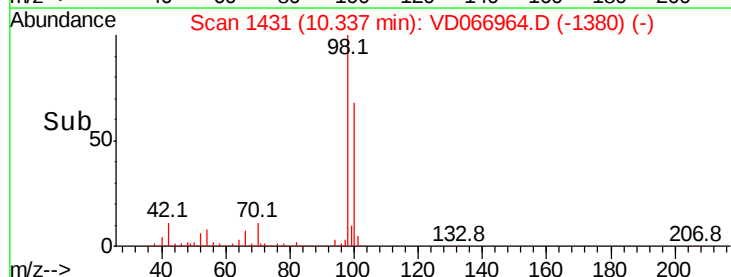
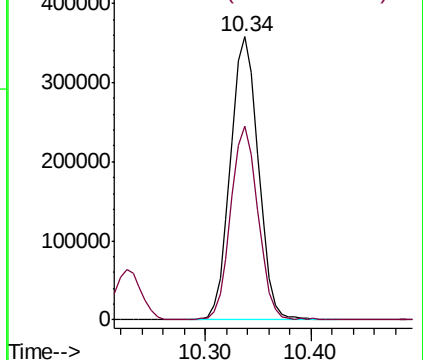
98 100

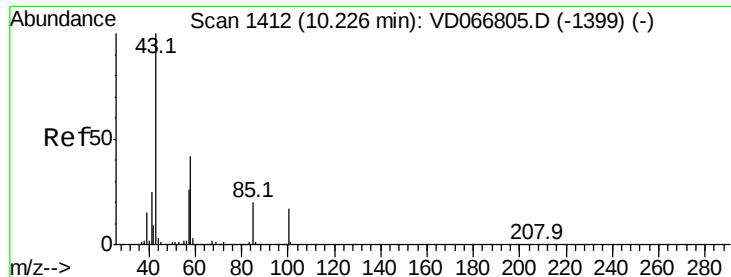
100 67.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 275.781 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

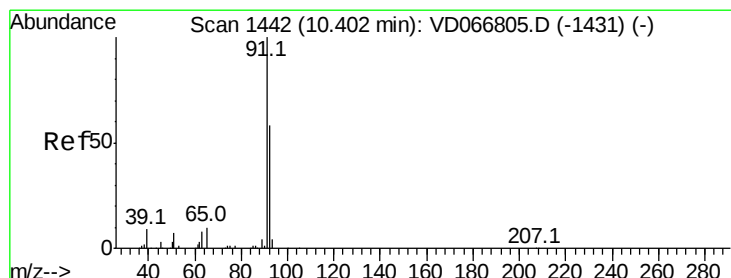
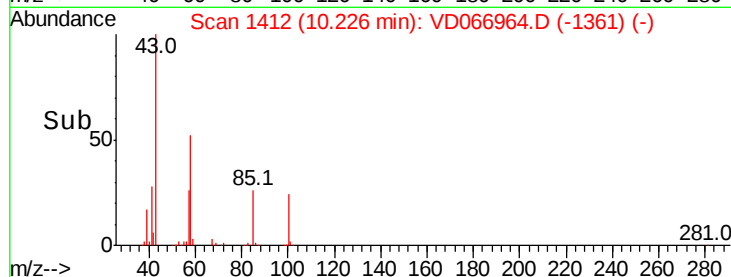
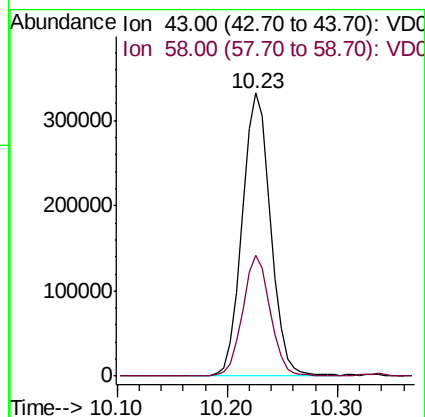
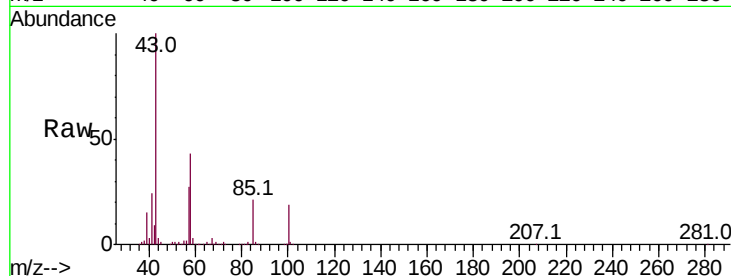
VSTDCCC050EC

Tot Ion: 43 Resp: 602796

Ion Ratio Lower Upper

43 100

58 41.1 32.2 48.4



#52

Toluene

Concen: 53.975 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066964.D

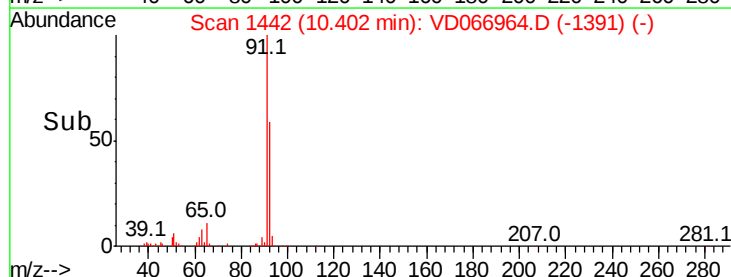
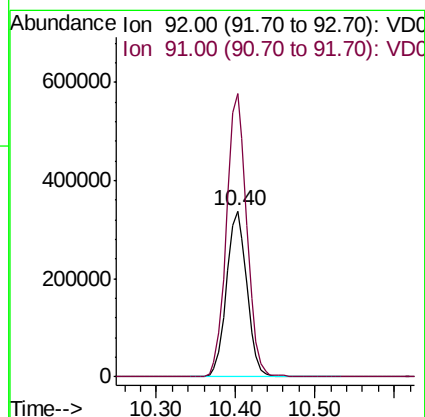
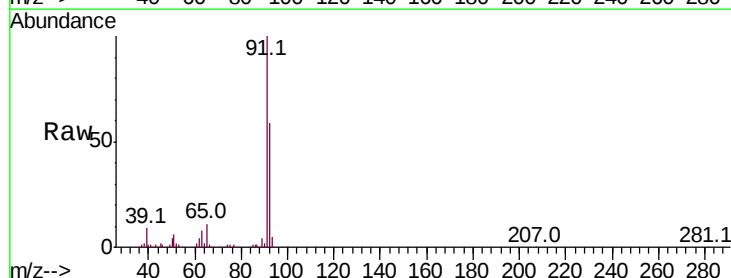
Acq: 30 Sep 2020 04:13

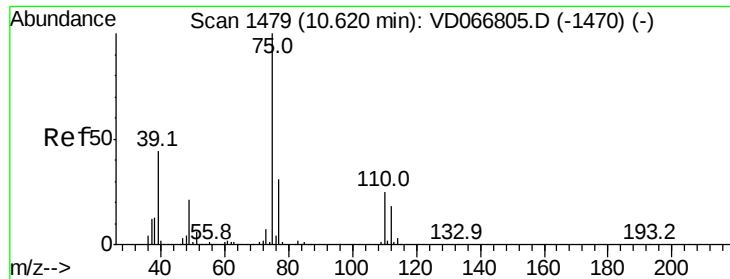
Tgt Ion: 92 Resp: 599711

Ion Ratio Lower Upper

92 100

91 170.1 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 54.477 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

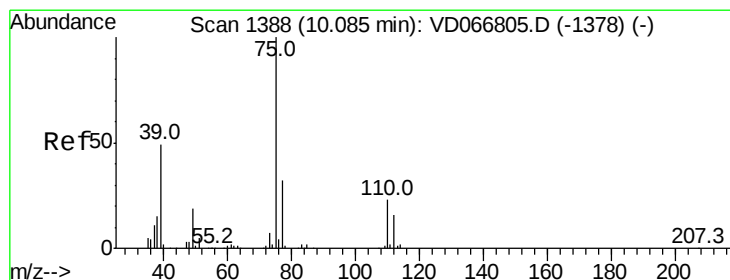
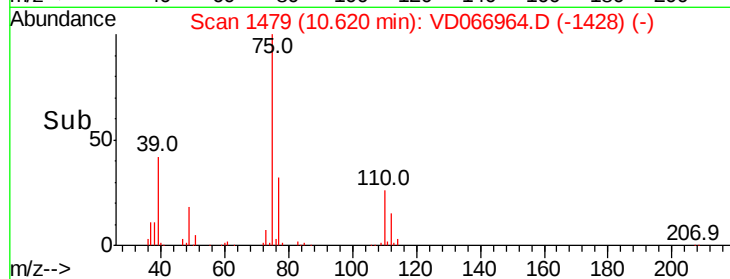
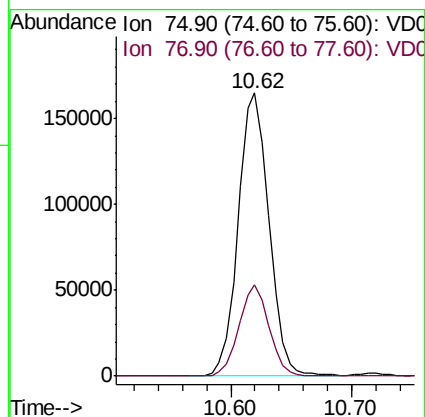
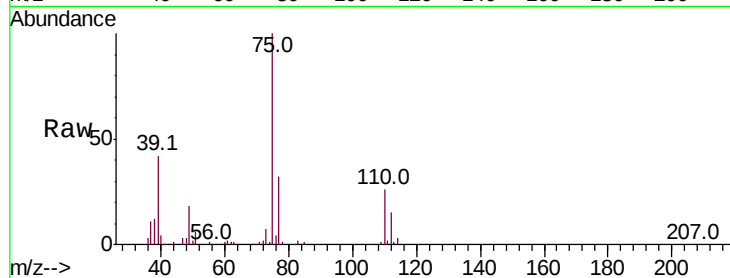
VSTDCCC050EC

Tot Ion: 75 Resp: 293703

Ion Ratio Lower Upper

75 100

77 32.5 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 53.253 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

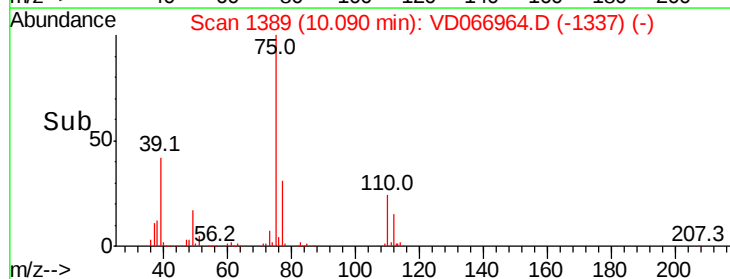
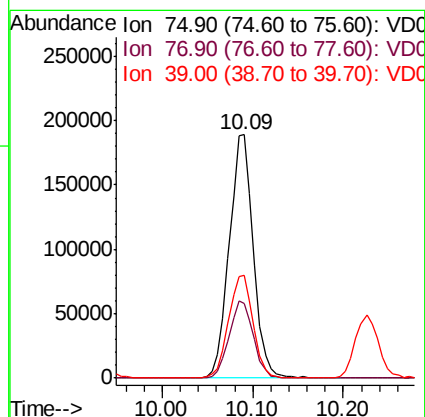
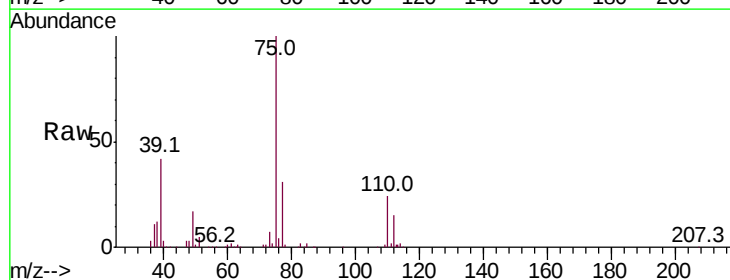
Tgt Ion: 75 Resp: 350078

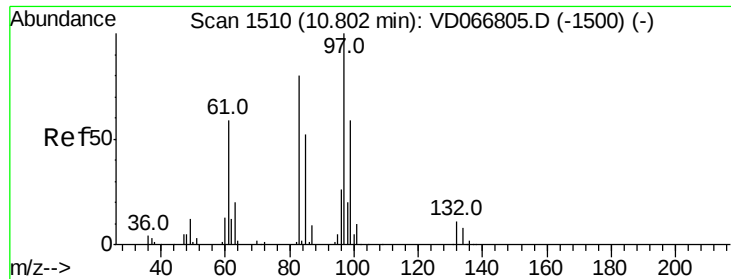
Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

39 42.0 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 54.556 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 176848

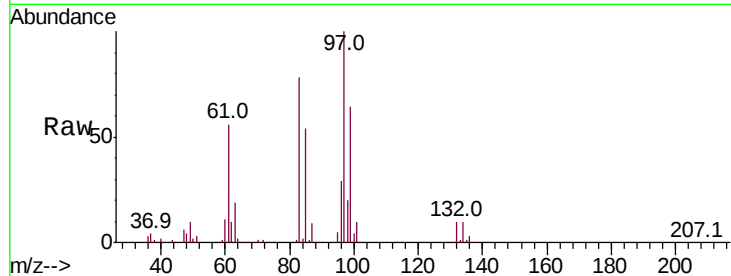
Ion Ratio Lower Upper

97 100

83 77.8 64.2 96.2

85 53.8 41.9 62.9

99 64.5 47.5 71.3

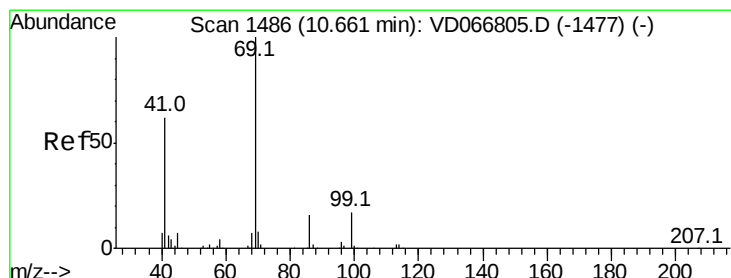
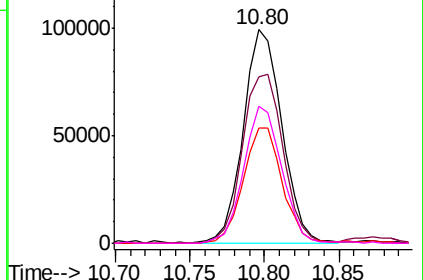
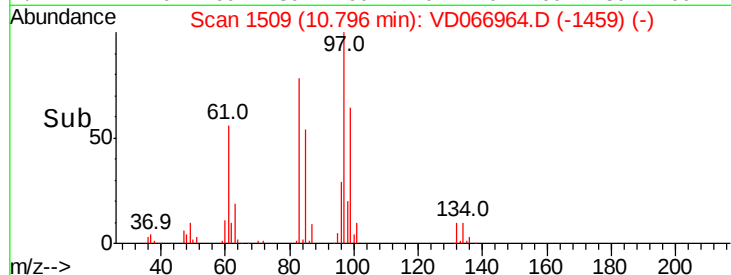


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 58.677 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

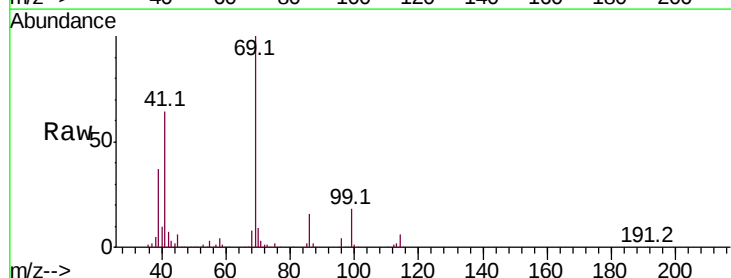
Tgt Ion: 69 Resp: 203764

Ion Ratio Lower Upper

69 100

41 63.3 52.2 78.2

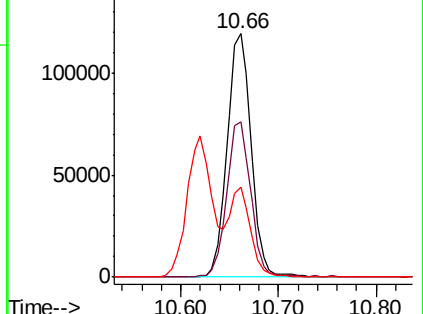
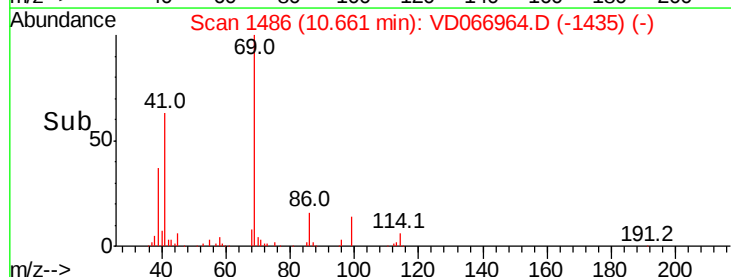
39 31.5 26.6 40.0

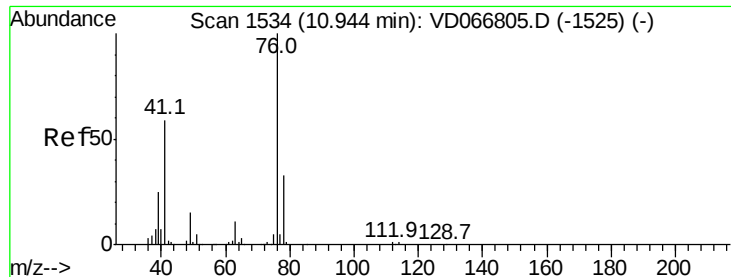


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 55.129 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

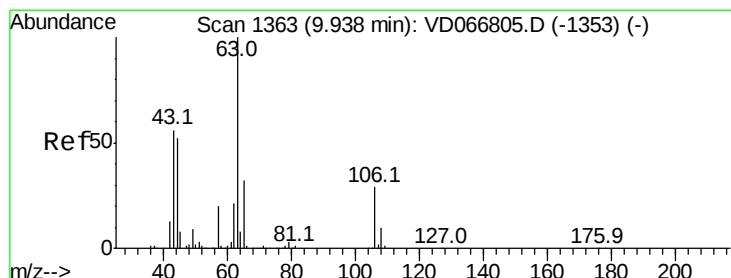
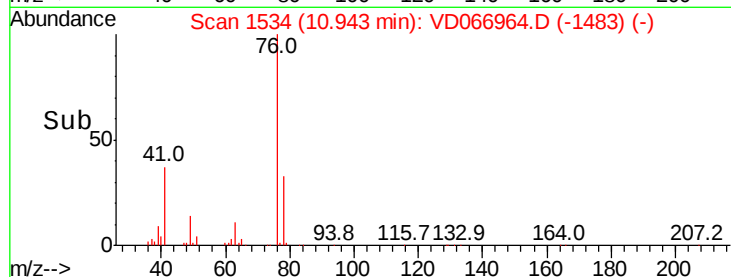
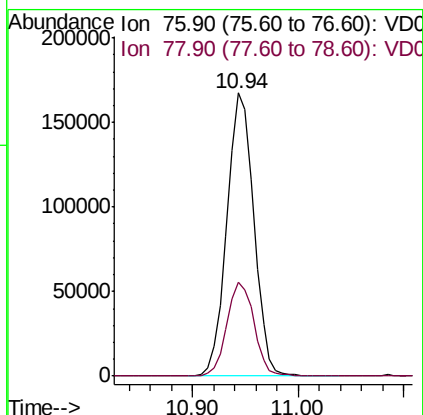
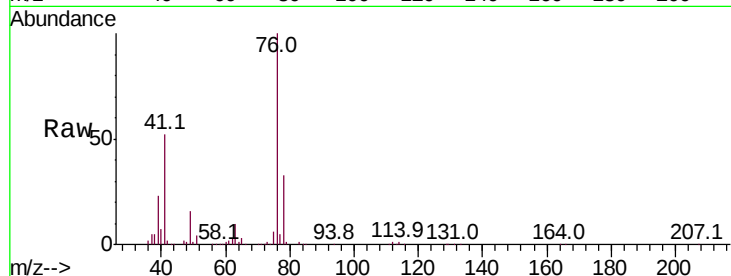
VSTDCCC050EC

Tot Ion: 76 Resp: 295083

Ion Ratio Lower Upper

76 100

78 33.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 243.287 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066964.D

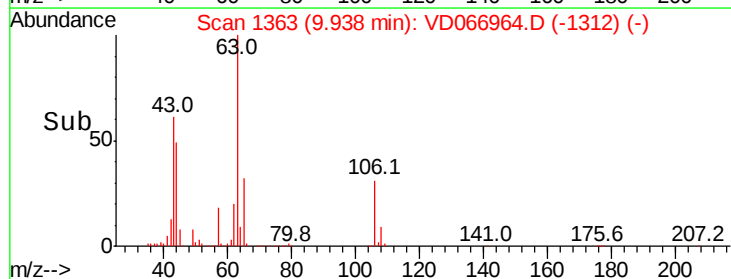
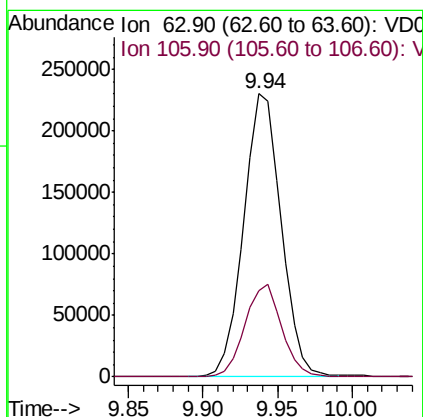
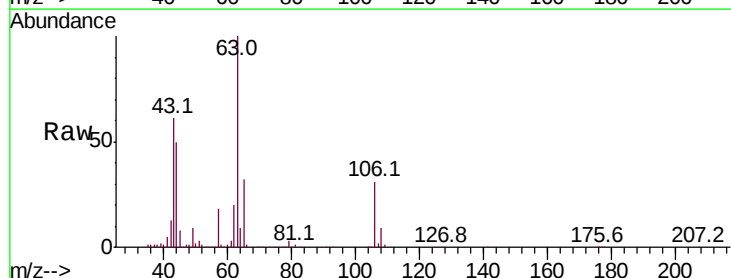
Acq: 30 Sep 2020 04:13

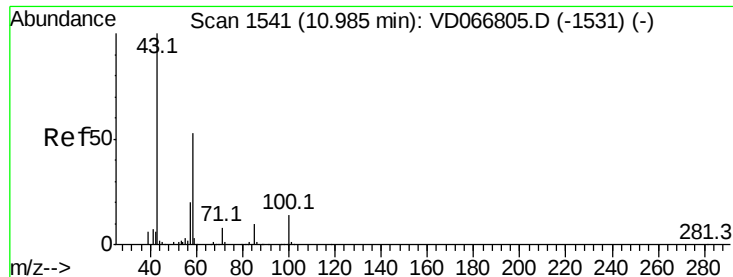
Tgt Ion: 63 Resp: 400028

Ion Ratio Lower Upper

63 100

106 32.1 23.8 35.6

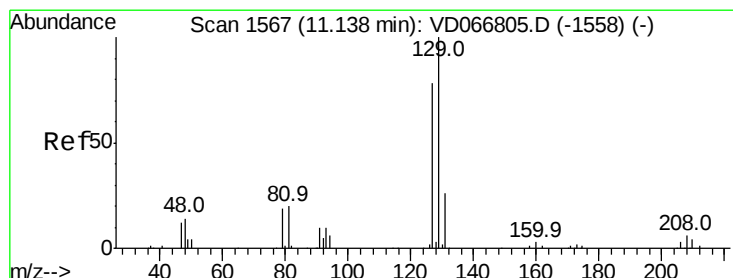
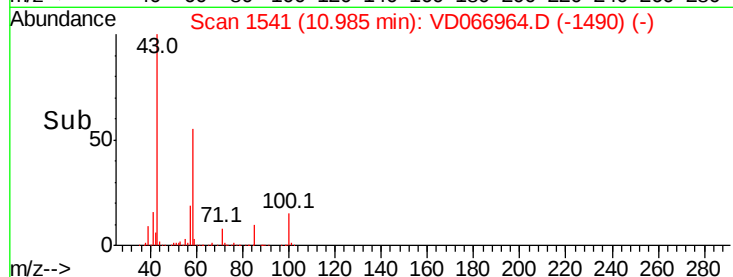
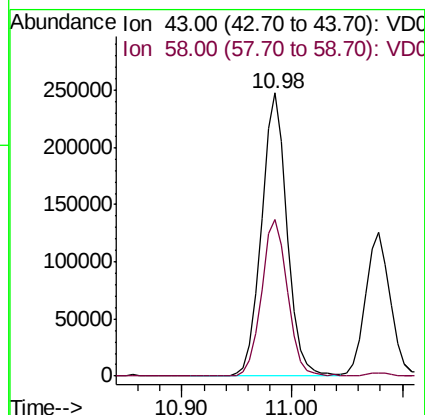
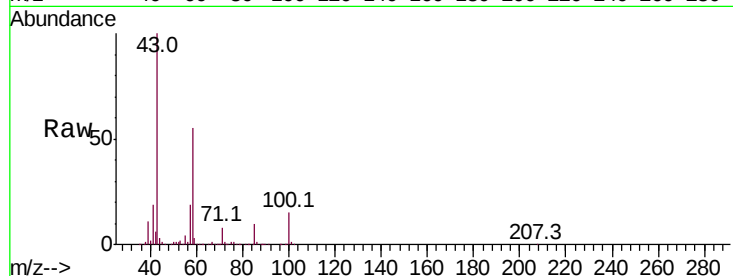




#59
2-Hexanone
Concen: 273.251 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

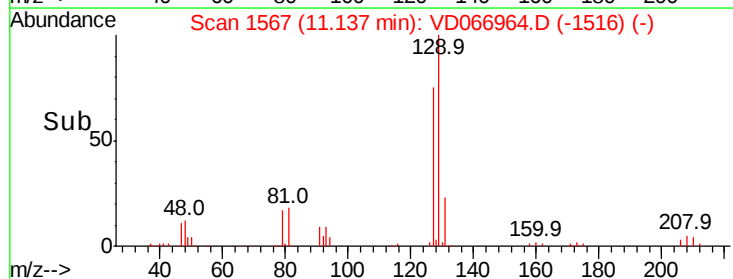
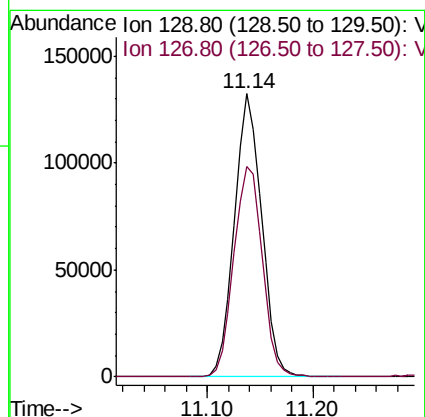
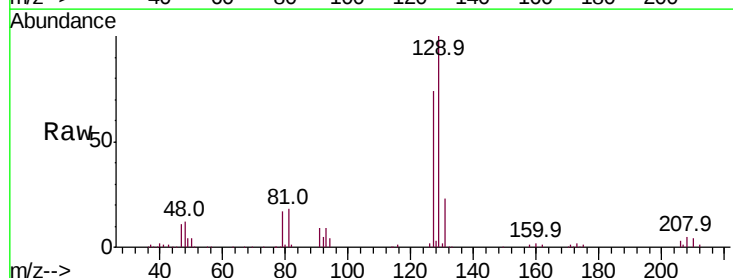
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

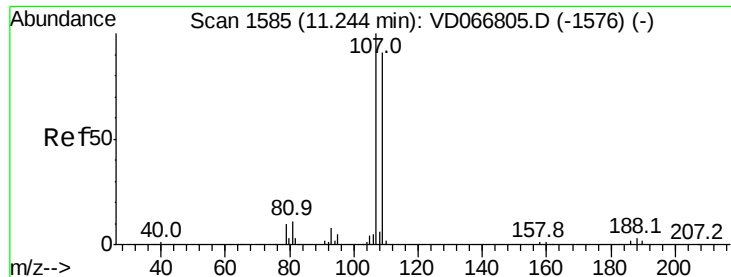
Tot Ion: 43 Resp: 402781
Ion Ratio Lower Upper
43 100
58 56.3 27.0 80.8



#60
Dibromochloromethane
Concen: 55.832 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

Tgt Ion: 129 Resp: 236206
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0

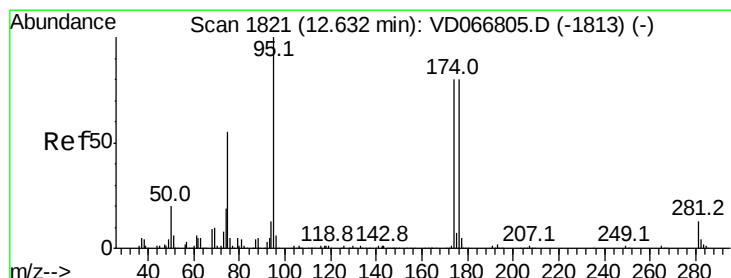
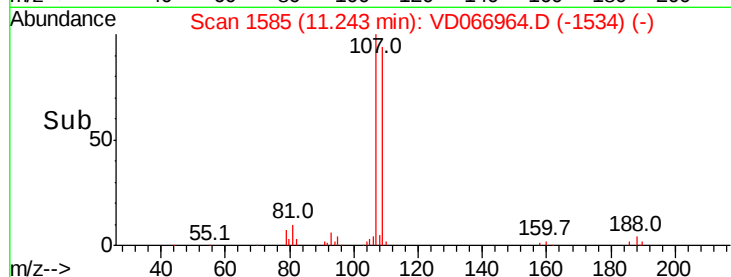
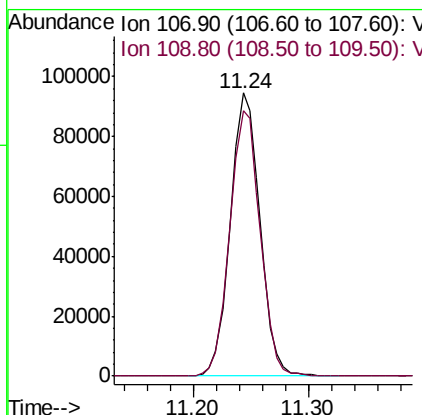
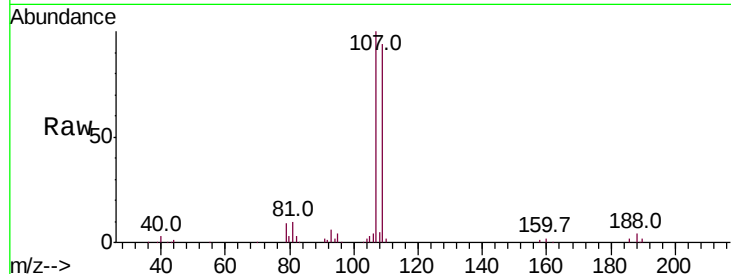




#61
 1,2-Dibromoethane
 Concen: 55.578 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

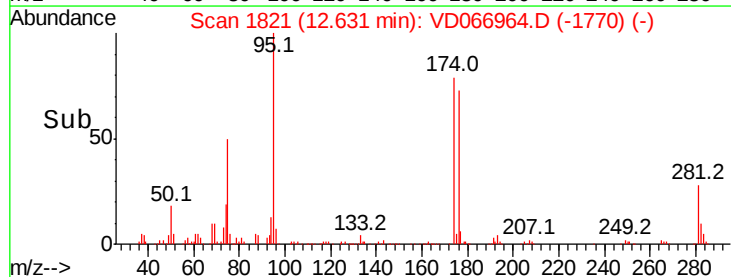
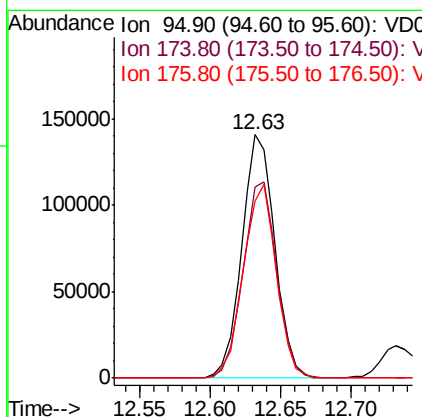
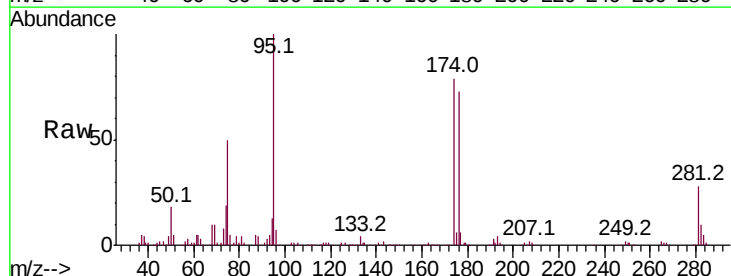
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

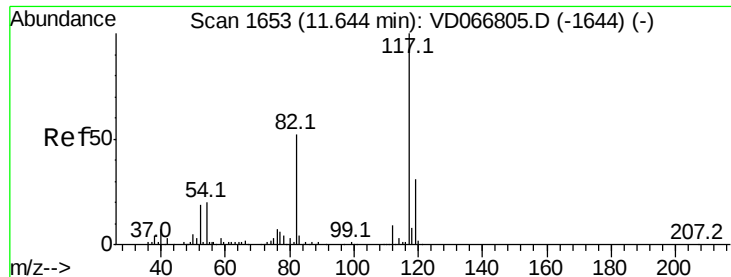
Tot Ion:107 Resp: 167572
 Ion Ratio Lower Upper
 107 100
 109 96.6 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 49.661 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

Tgt Ion: 95 Resp: 229904
 Ion Ratio Lower Upper
 95 100
 174 82.8 0.0 159.8
 176 79.7 0.0 154.4

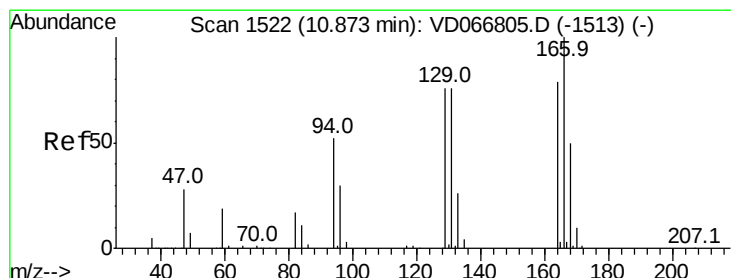
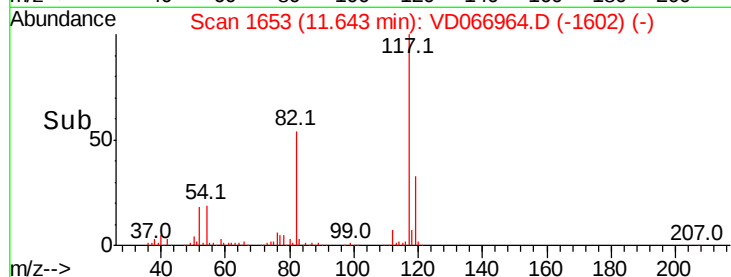
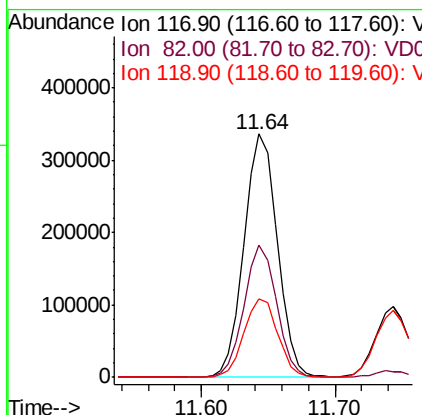
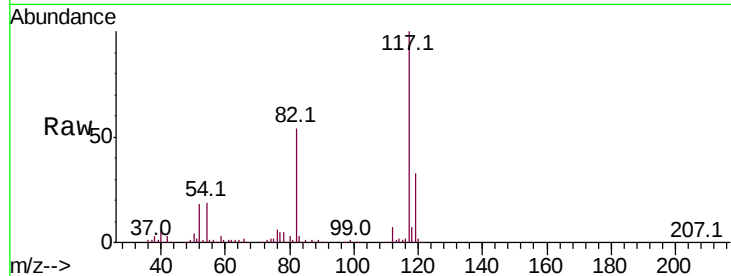




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

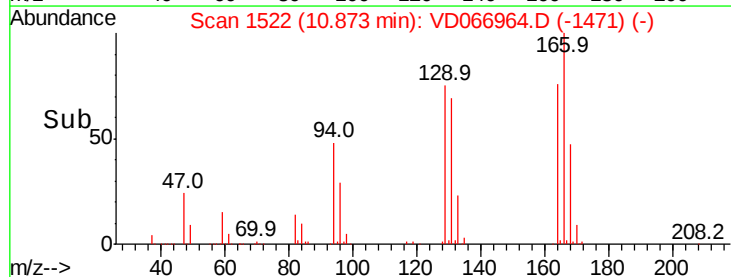
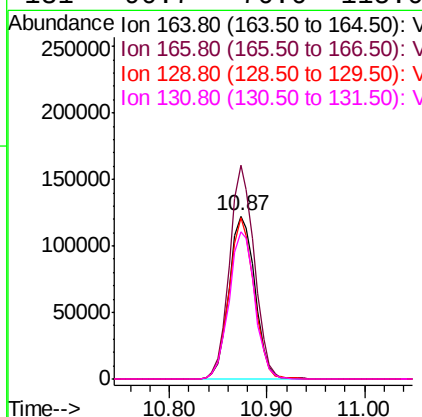
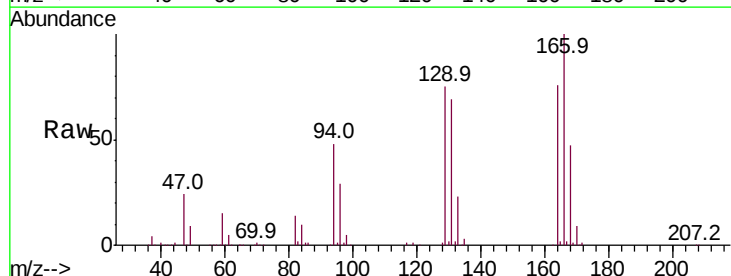
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

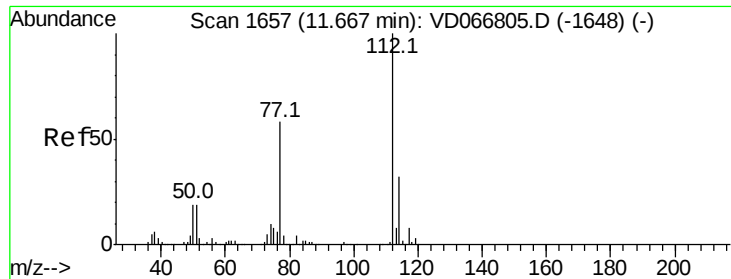
Tot Ion:117 Resp: 579948
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.6
119 32.5 24.6 37.0



#64
Tetrachloroethene
Concen: 53.829 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

Tgt Ion:164 Resp: 224554
Ion Ratio Lower Upper
164 100
166 131.3 101.1 151.7
129 98.9 77.0 115.4
131 90.7 76.6 115.0

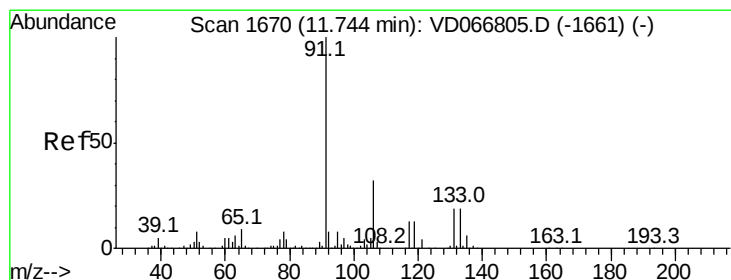
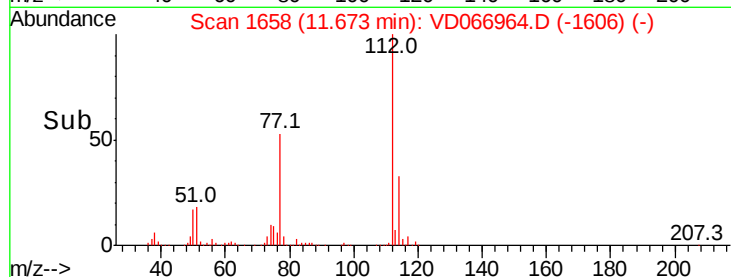
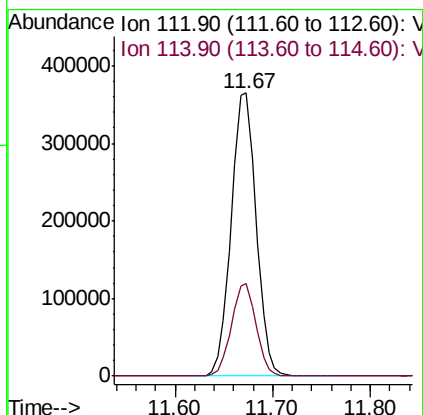
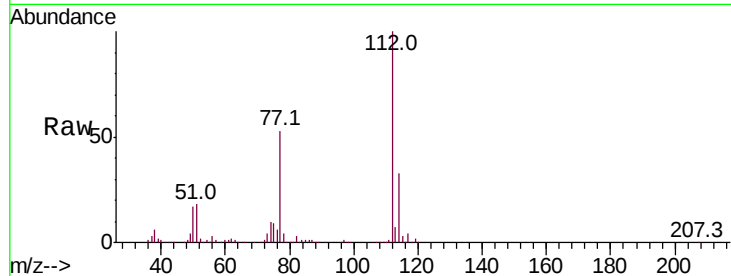




#65
Chlorobenzene
Concen: 53.798 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

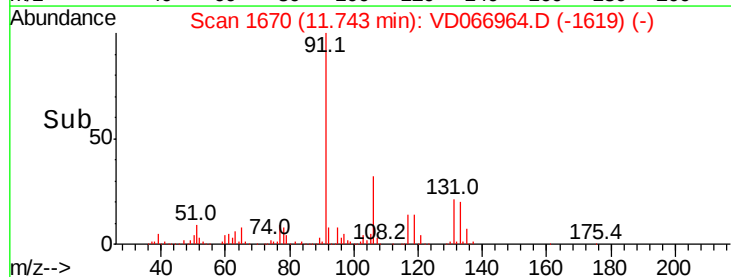
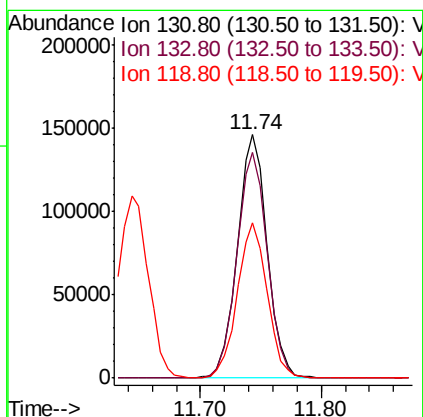
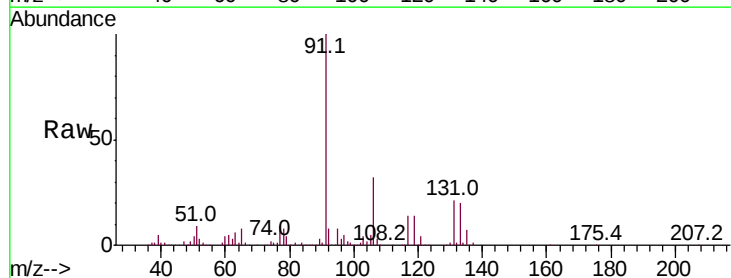
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

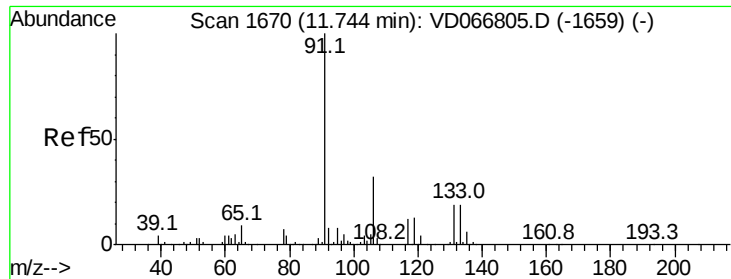
Tot Ion:112 Resp: 649449
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.890 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

Tgt Ion:131 Resp: 250794
Ion Ratio Lower Upper
131 100
133 94.8 46.7 140.1
119 64.1 32.3 96.9





#67

Ethyl Benzene

Concen: 53.285 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

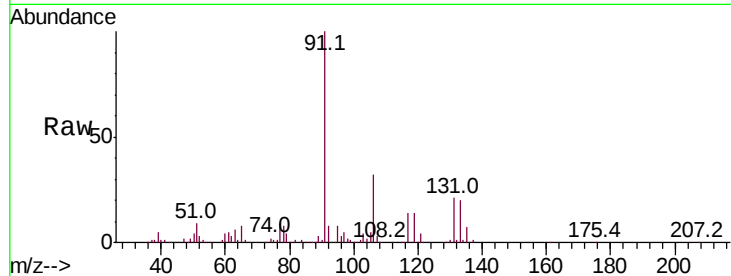
VSTDCCC050EC

Tot Ion: 91 Resp: 1129764

Ion Ratio Lower Upper

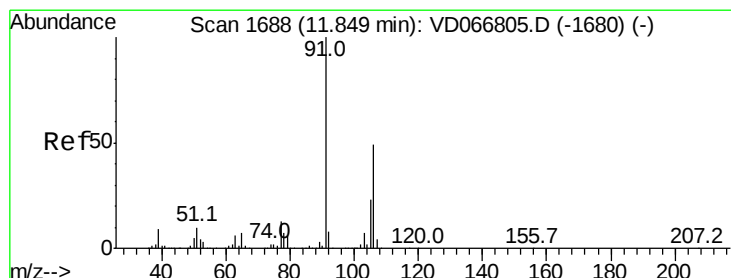
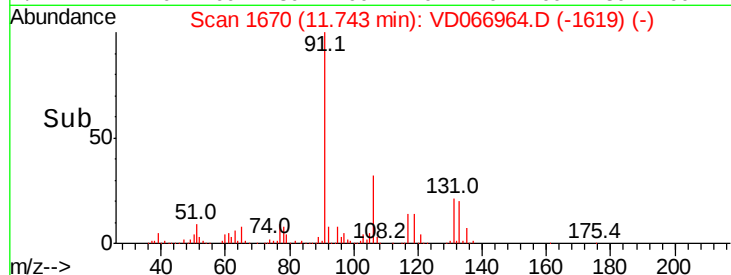
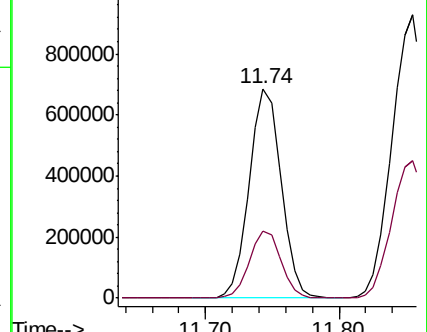
91 100

106 32.3 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 108.442 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066964.D

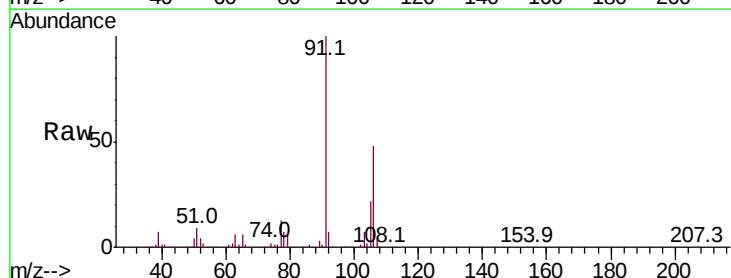
Acq: 30 Sep 2020 04:13

Tgt Ion:106 Resp: 870513

Ion Ratio Lower Upper

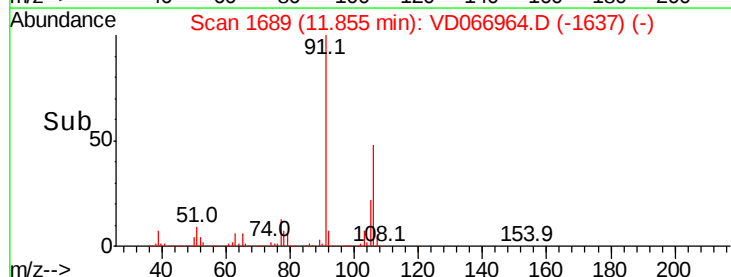
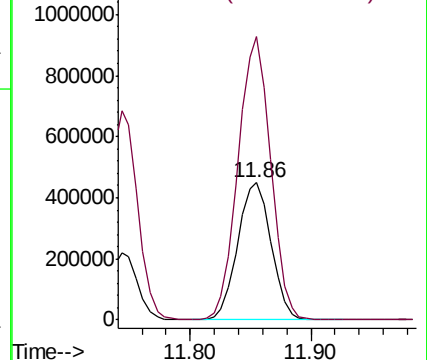
106 100

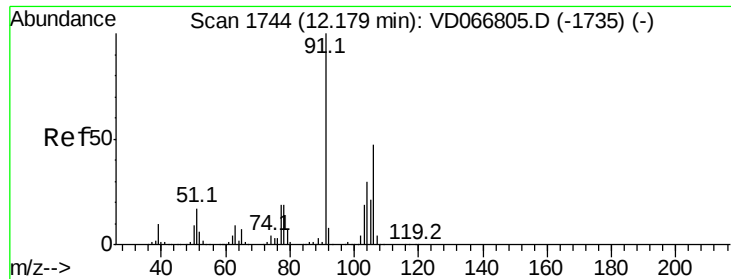
91 200.8 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

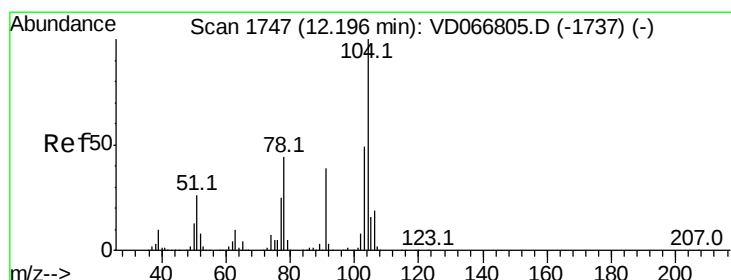
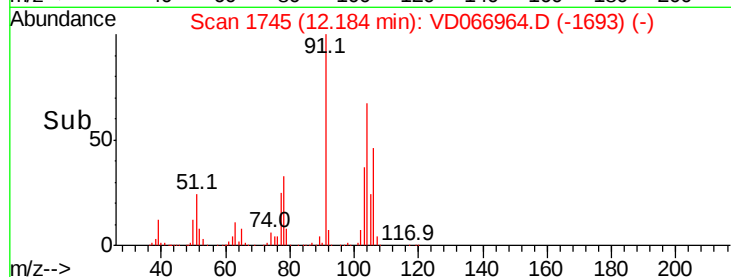
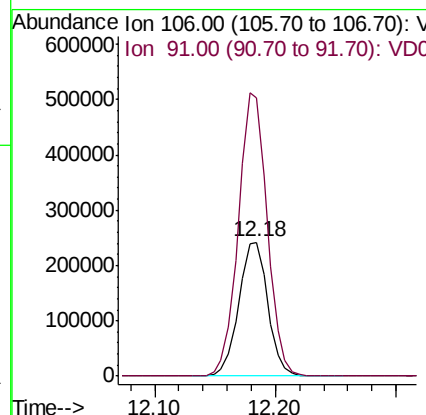
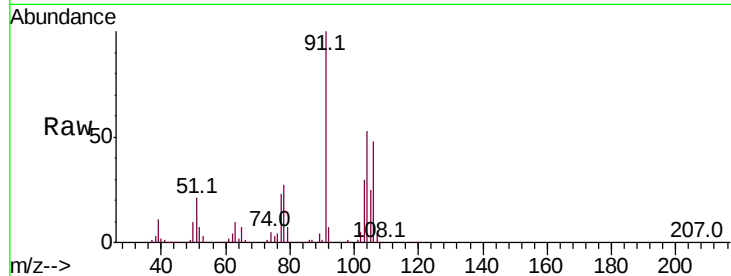




#69
o-Xylene
Concen: 55.935 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

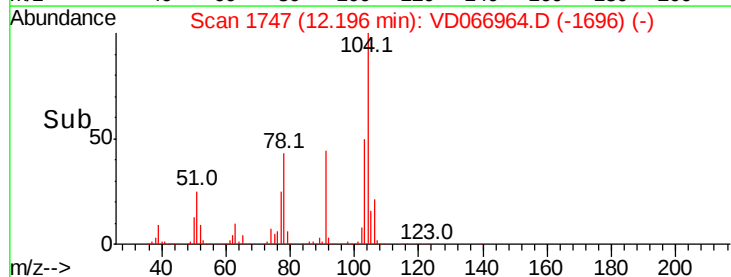
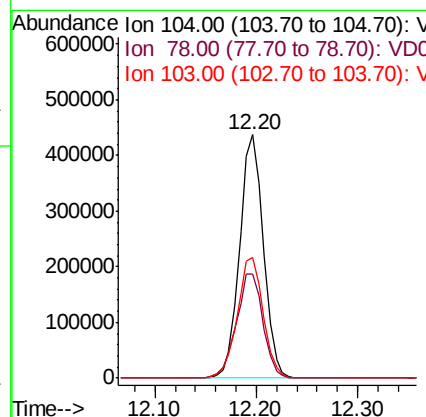
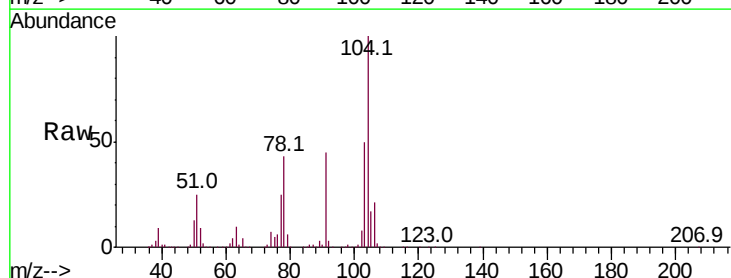
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

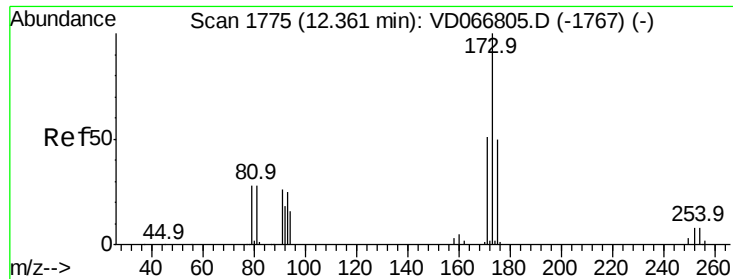
Tot Ion:106 Resp: 406015
Ion Ratio Lower Upper
106 100
91 209.7 106.3 318.8



#70
Styrene
Concen: 56.411 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

Tgt Ion:104 Resp: 711090
Ion Ratio Lower Upper
104 100
78 48.1 38.9 58.3
103 53.9 43.2 64.8





#71

Bromoform

Concen: 56.781 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

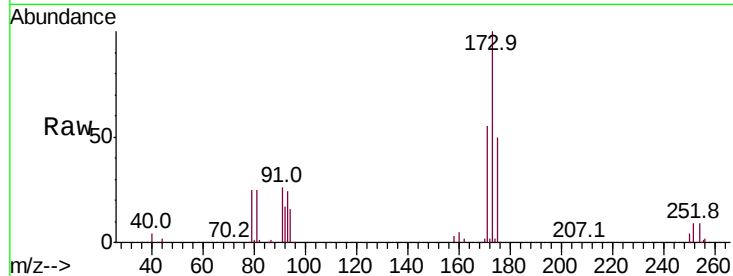
Tot Ion:173 Resp: 131353

Ion Ratio Lower Upper

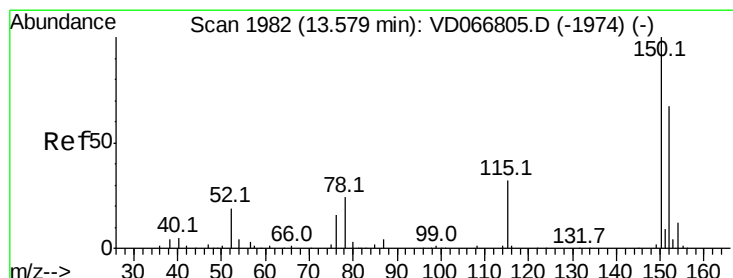
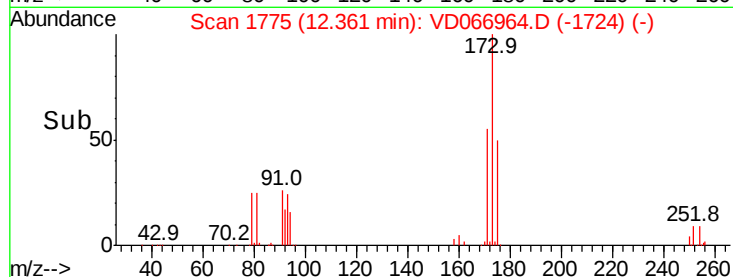
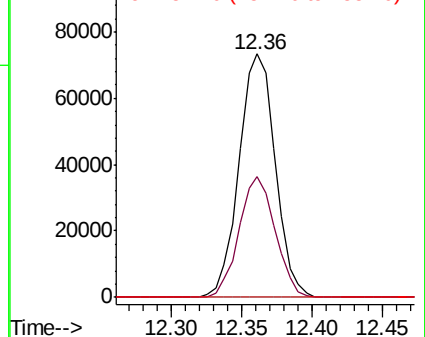
173 100

175 49.5 24.9 74.6

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

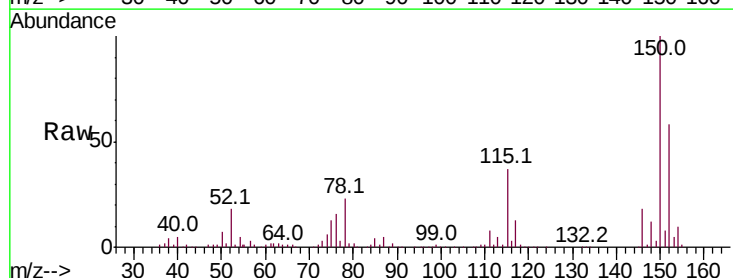
Tgt Ion:152 Resp: 276086

Ion Ratio Lower Upper

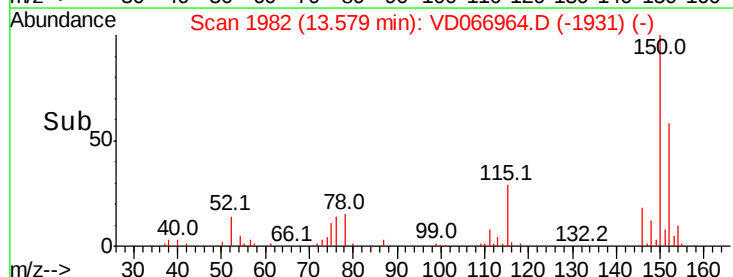
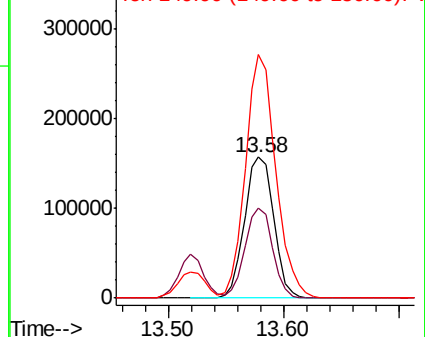
152 100

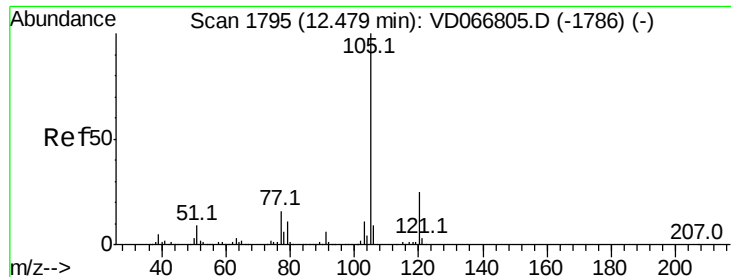
115 60.5 30.3 91.0

150 179.1 0.0 346.2



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





#73

Isopropylbenzene

Concen: 54.535 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

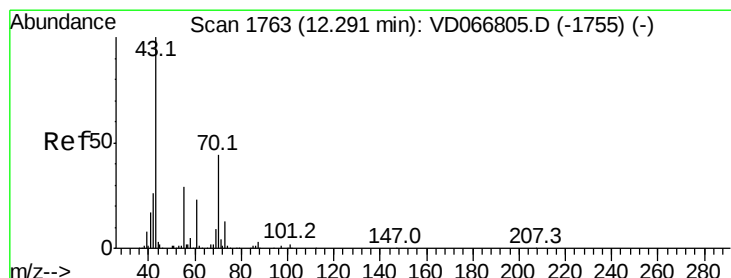
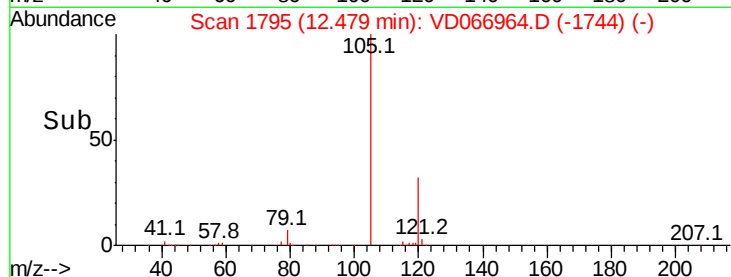
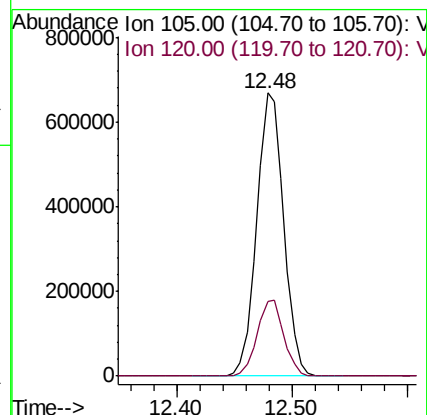
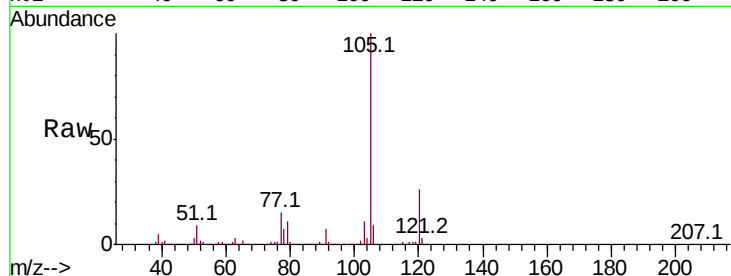
VSTDCCC050EC

Tot Ion:105 Resp: 1087669

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.6



#74

N-ethyl acetate

Concen: 53.081 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Tgt Ion: 43 Resp: 206742

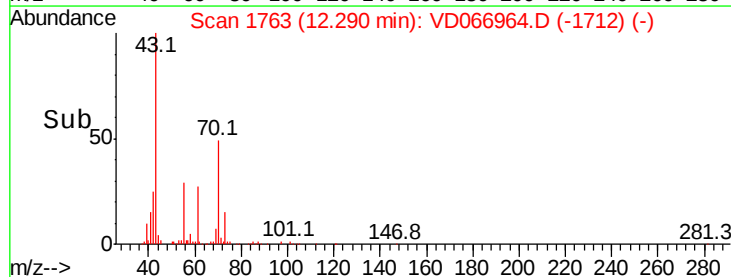
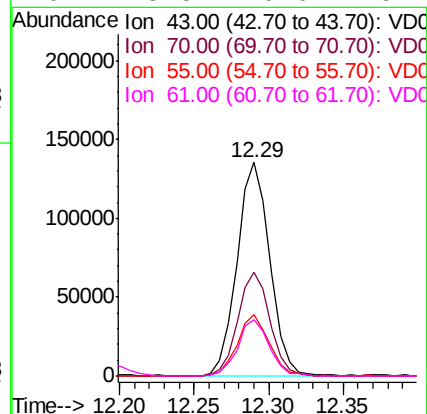
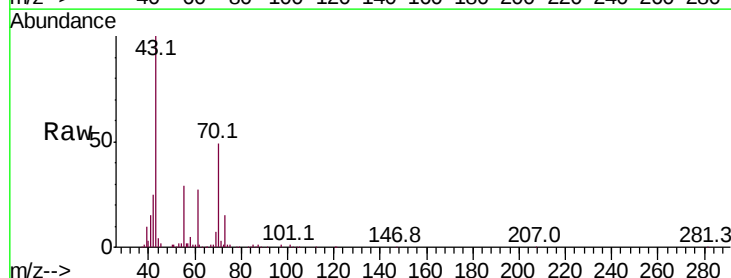
Ion Ratio Lower Upper

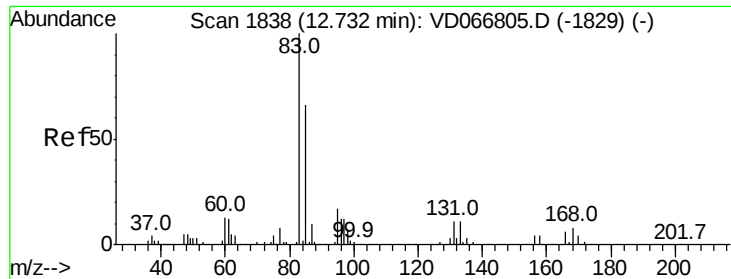
43 100

70 47.6 36.1 54.1

55 28.4 21.8 32.8

61 25.5 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.262 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

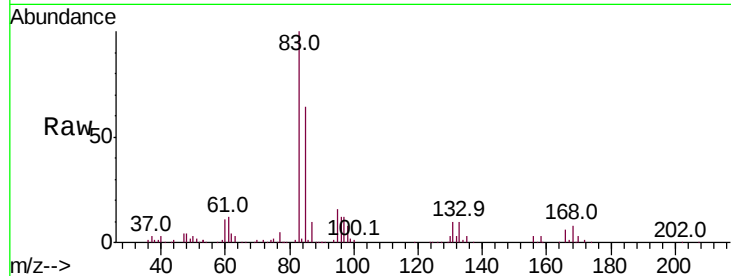
Tot Ion: 83 Resp: 183301

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.7

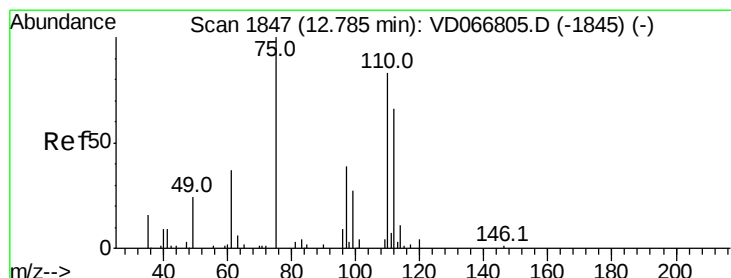
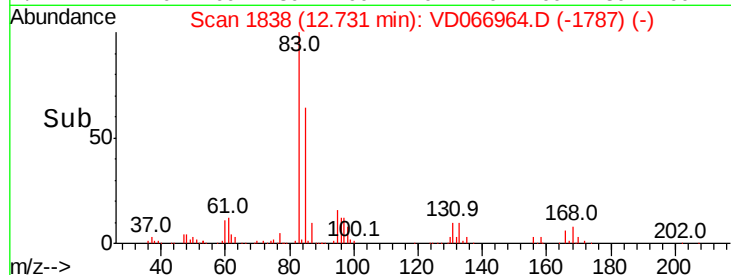
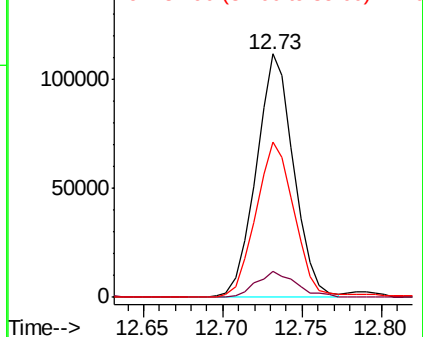
85 66.5 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 101.730 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066964.D

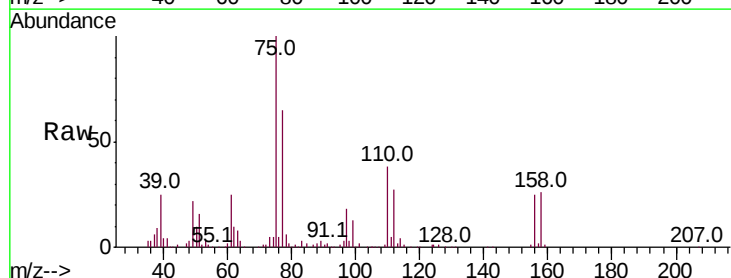
Acq: 30 Sep 2020 04:13

Tgt Ion: 75 Resp: 232756

Ion Ratio Lower Upper

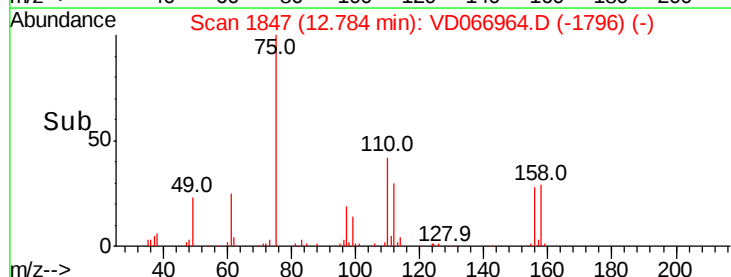
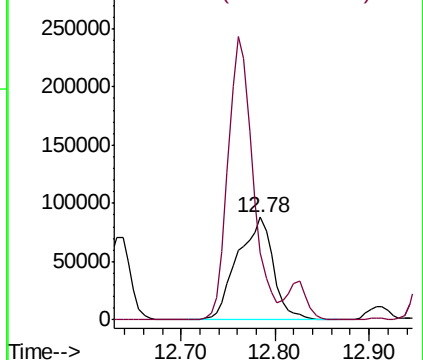
75 100

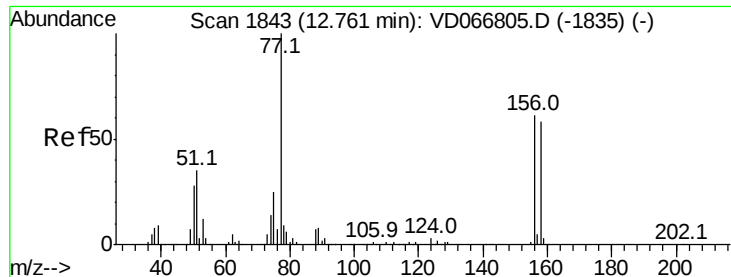
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 55.574 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

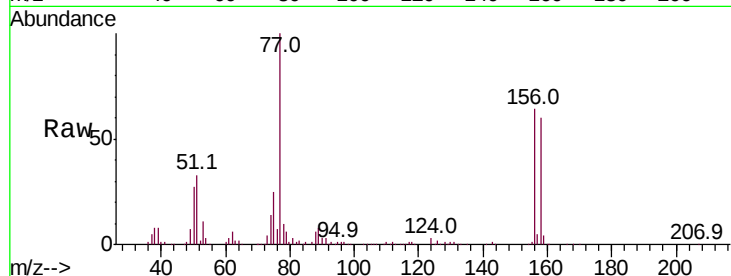
Tot Ion:156 Resp: 259229

Ion Ratio Lower Upper

156 100

77 173.3 92.3 276.9

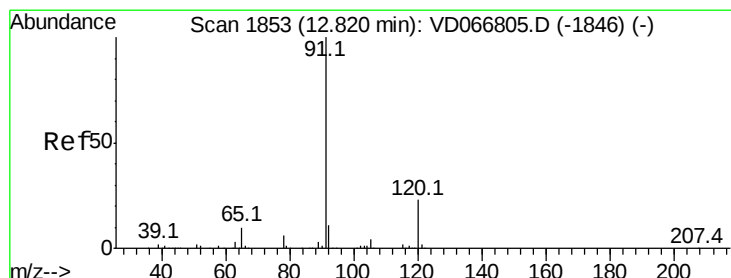
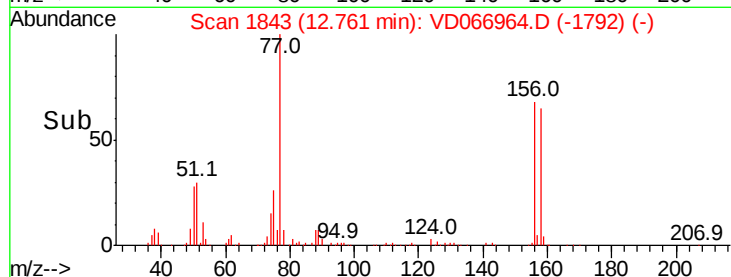
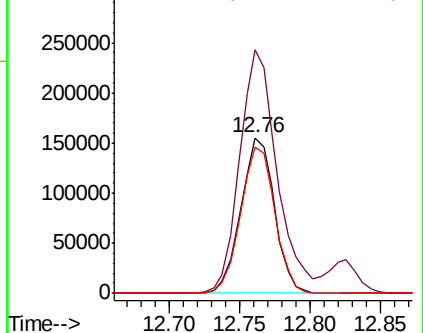
158 96.1 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.570 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066964.D

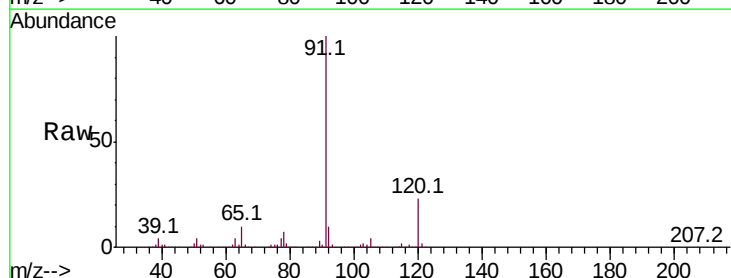
Acq: 30 Sep 2020 04:13

Tgt Ion: 91 Resp: 1261360

Ion Ratio Lower Upper

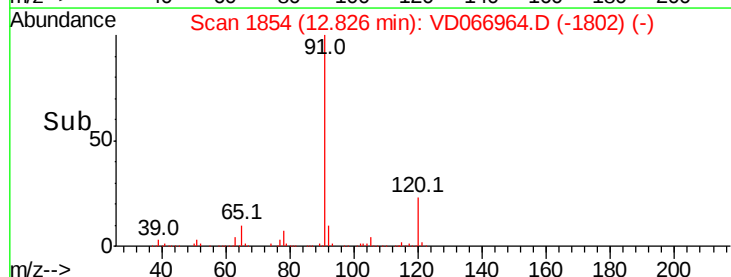
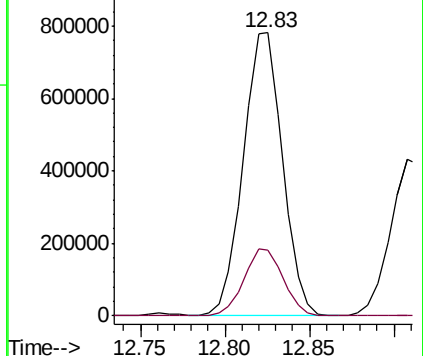
91 100

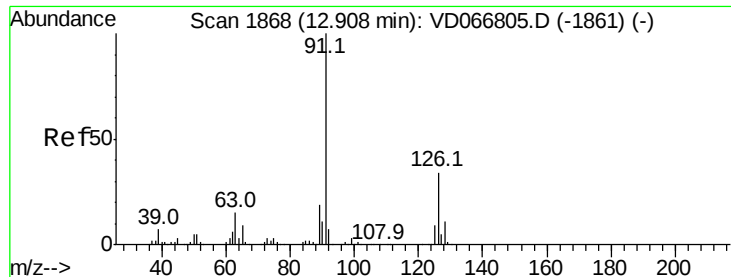
120 23.6 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.476 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

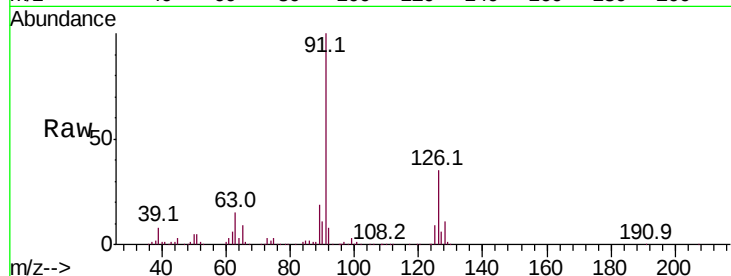
VSTDCCC050EC

Tot Ion: 91 Resp: 731181

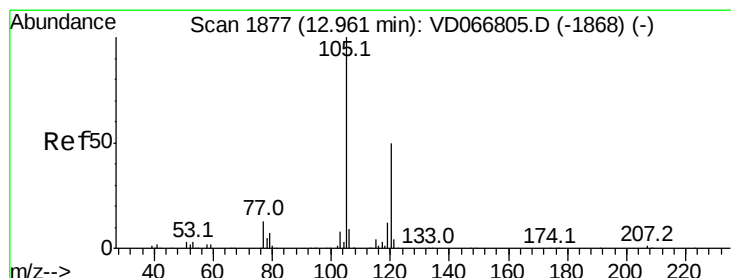
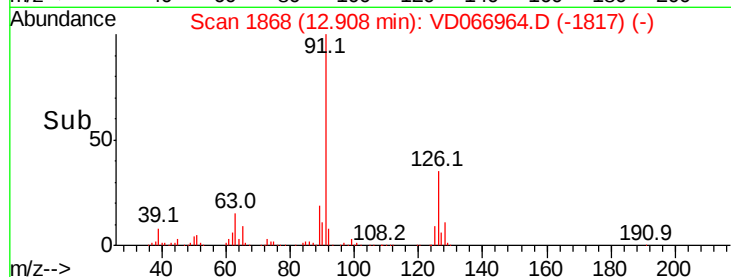
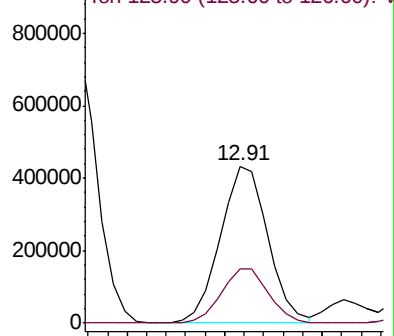
Ion Ratio Lower Upper

91 100

126 34.6 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VD066805.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.666 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066964.D

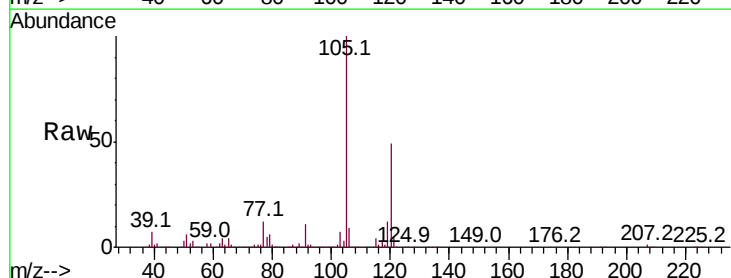
Acq: 30 Sep 2020 04:13

Tgt Ion:105 Resp: 925116

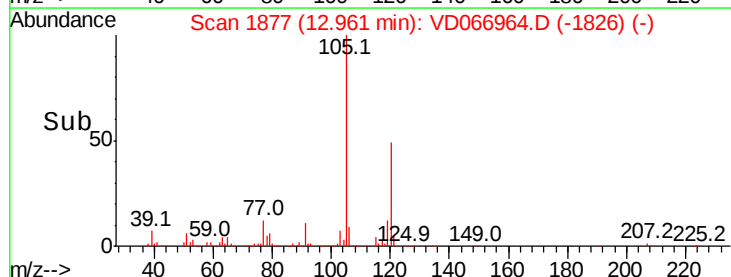
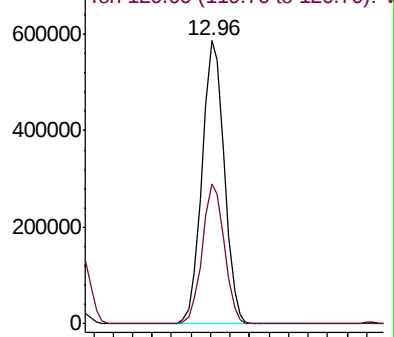
Ion Ratio Lower Upper

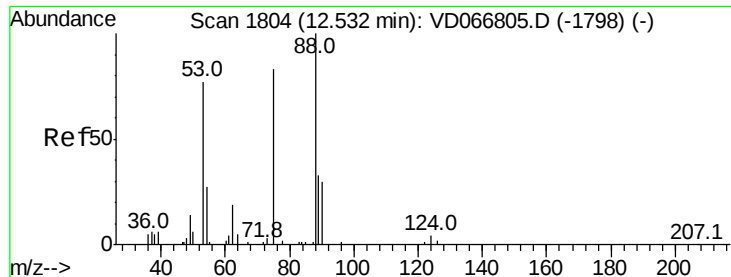
105 100

120 49.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066805.D (-1868) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.979 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

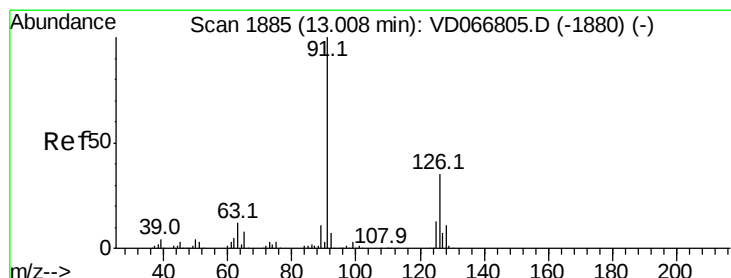
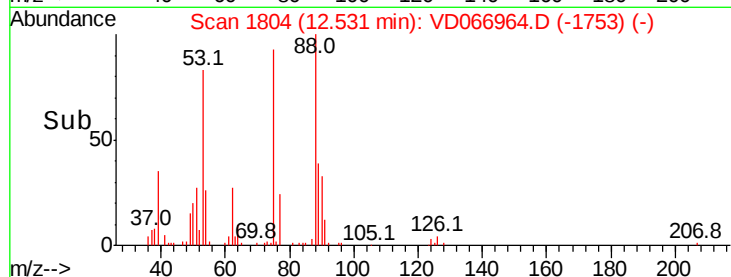
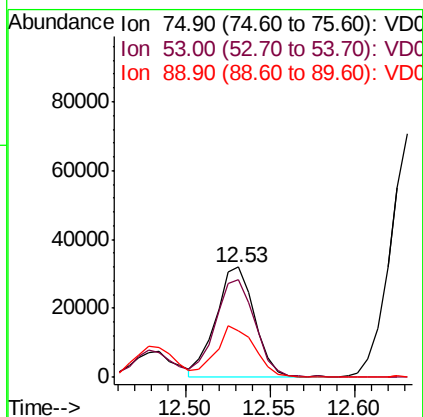
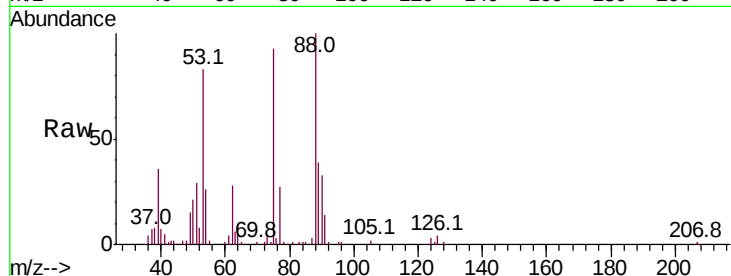
Tot Ion: 75 Resp: 51192

Ion Ratio Lower Upper

75 100

53 91.1 78.5 117.7

89 46.4 38.1 57.1



#82

4-Chlorotoluene

Concen: 53.471 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066964.D

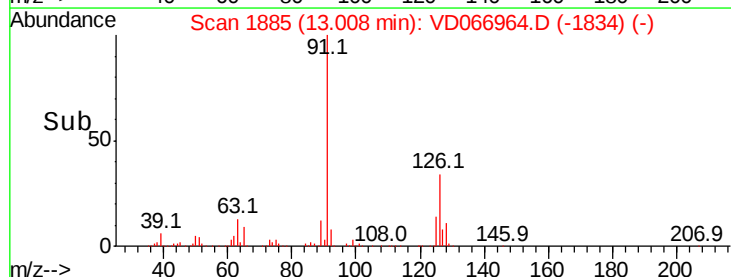
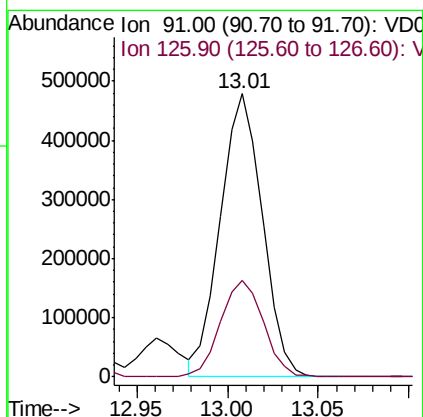
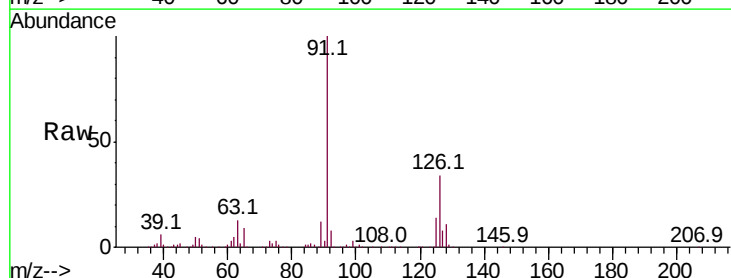
Acq: 30 Sep 2020 04:13

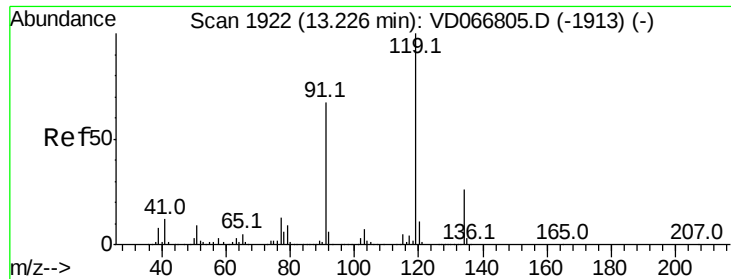
Tgt Ion: 91 Resp: 770698

Ion Ratio Lower Upper

91 100

126 34.8 17.1 51.2

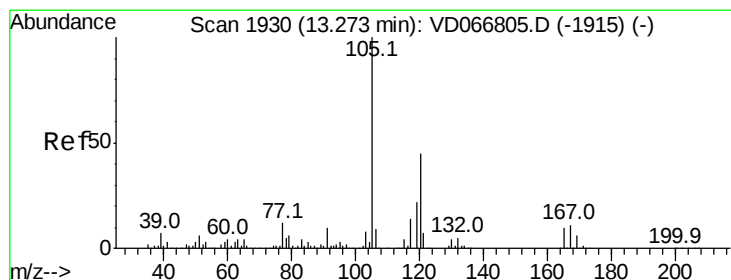
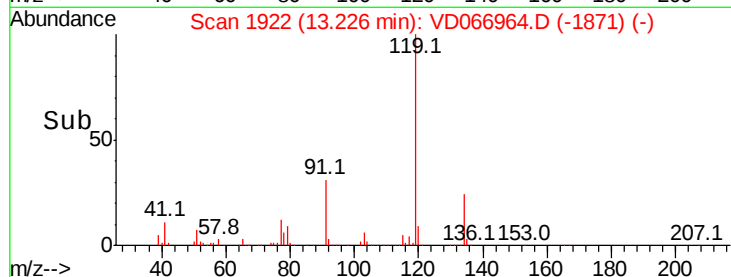
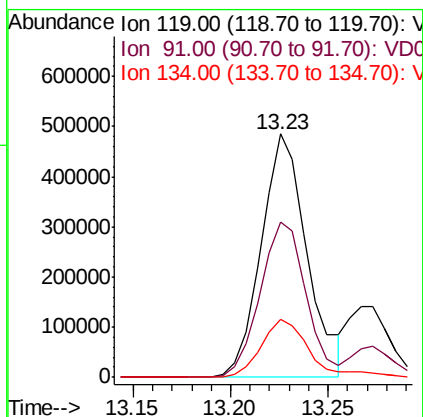
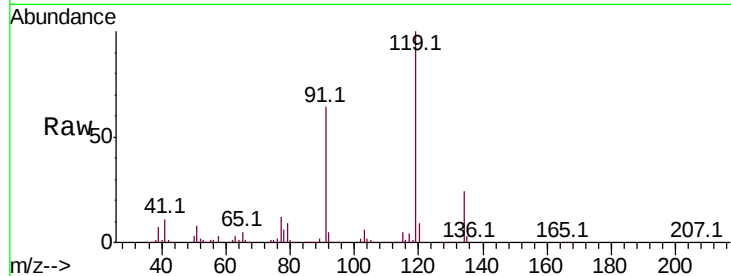




#83
tert-Butylbenzene
Concen: 56.978 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

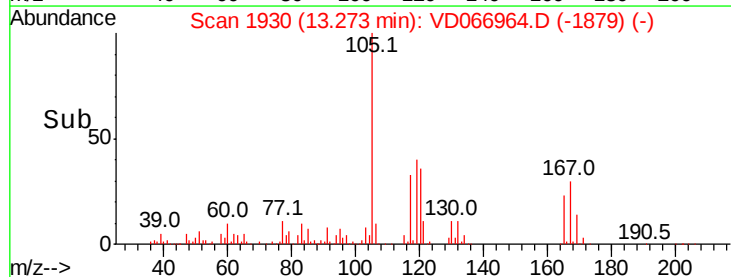
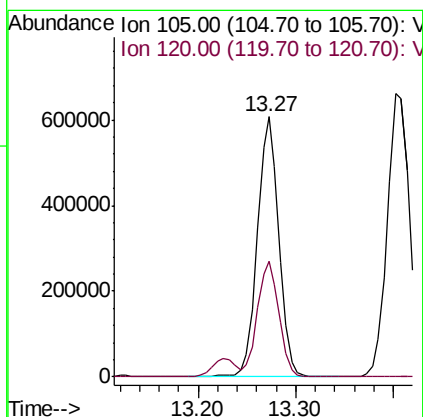
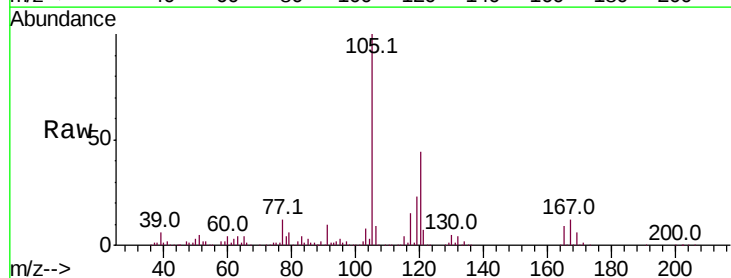
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

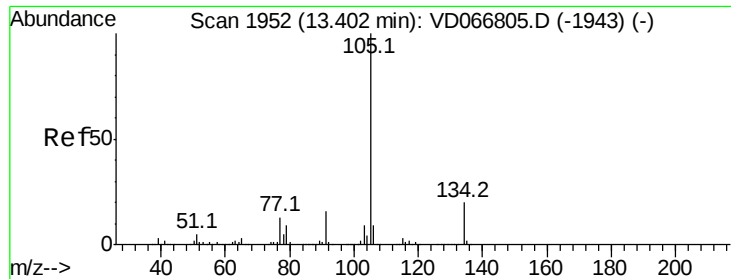
Tot Ion:119 Resp: 792337
Ion Ratio Lower Upper
119 100
91 63.6 33.6 100.8
134 25.3 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 55.947 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

Tgt Ion:105 Resp: 938861
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.610 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

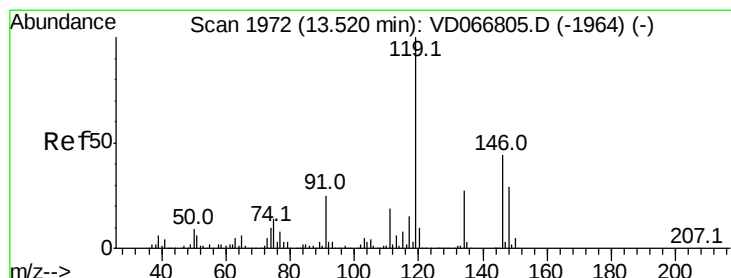
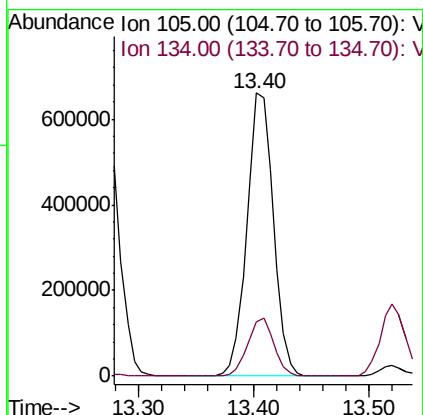
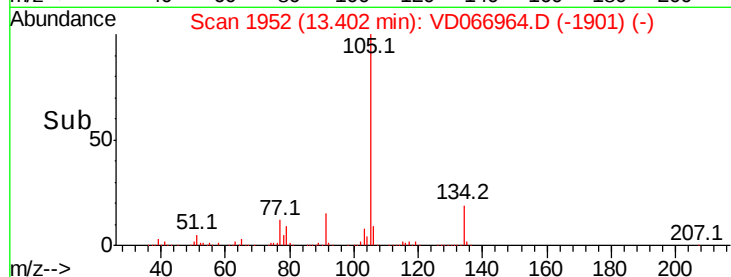
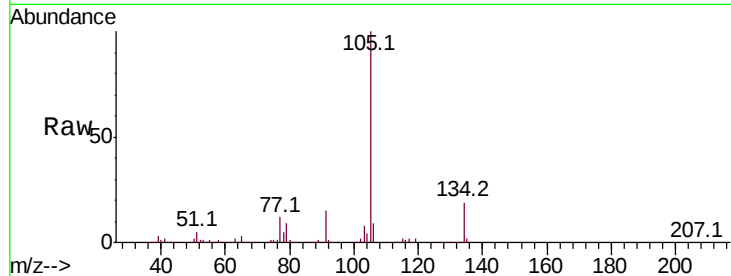
VSTDCCC050EC

Tot Ion:105 Resp: 1052041

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 55.116 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

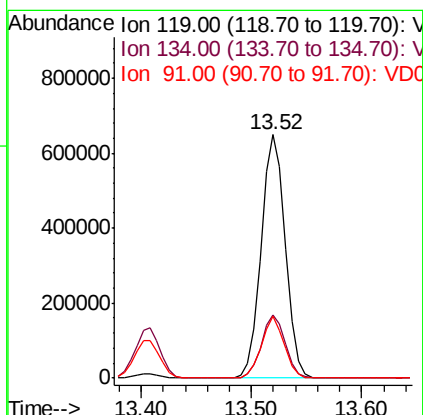
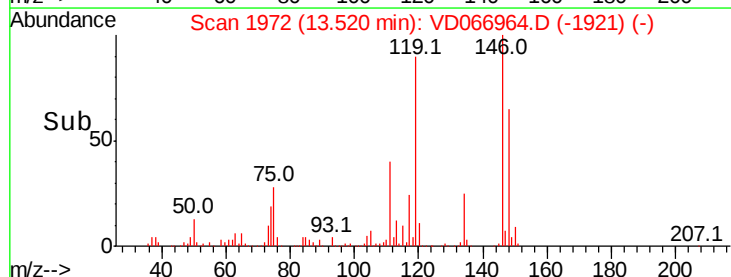
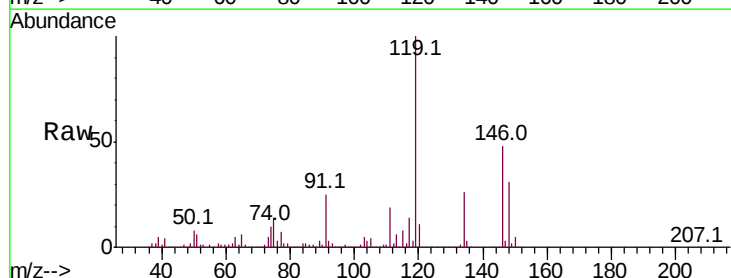
Tgt Ion:119 Resp: 993480

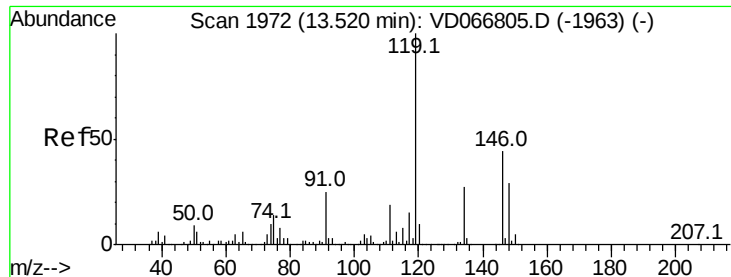
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 23.7 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 53.571 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

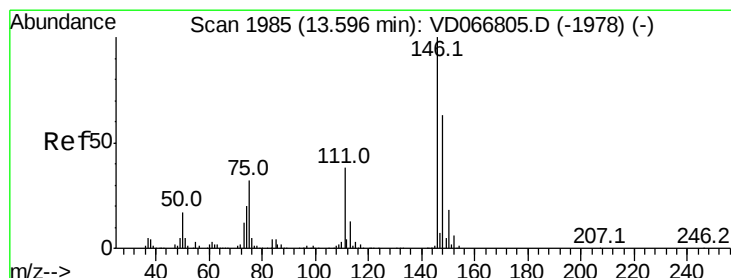
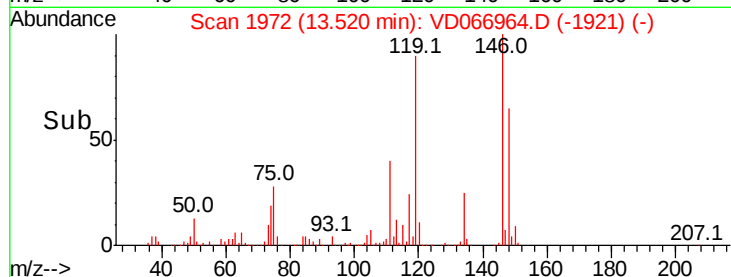
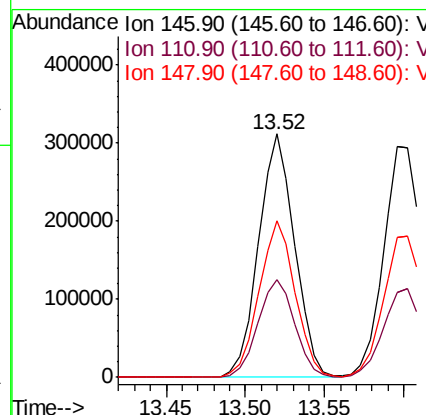
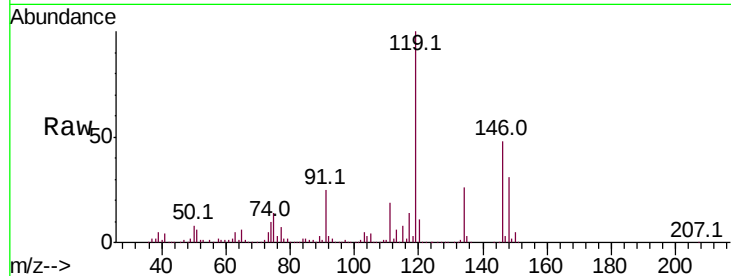
Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 493687

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.9
148	64.4	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 53.773 ug/l

RT: 13.60 min Scan# 1985

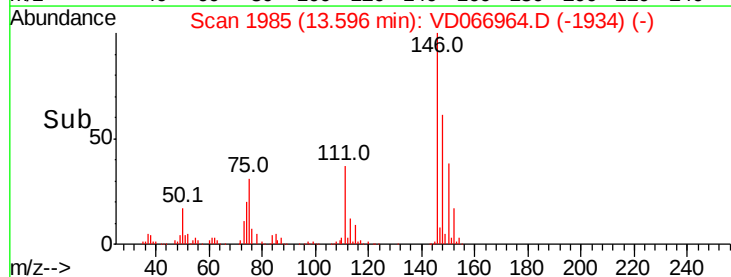
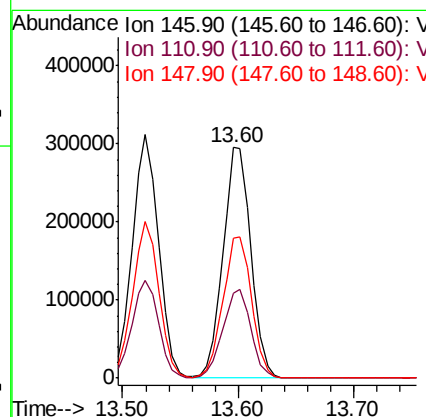
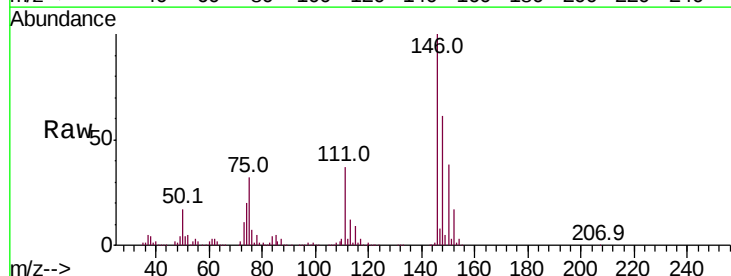
Delta R.T. -0.00 min

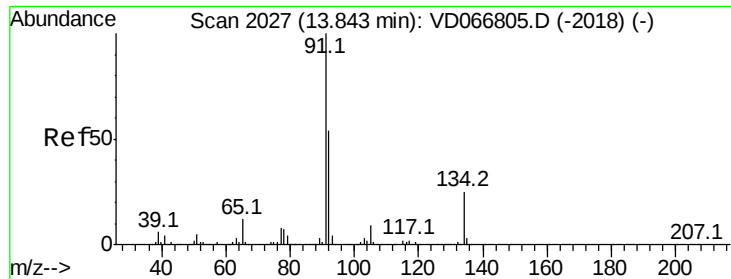
Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Tgt Ion:146 Resp: 492177

Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.2	60.5
148	63.0	31.6	94.7

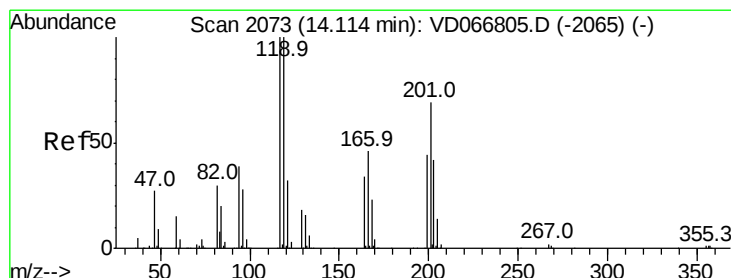
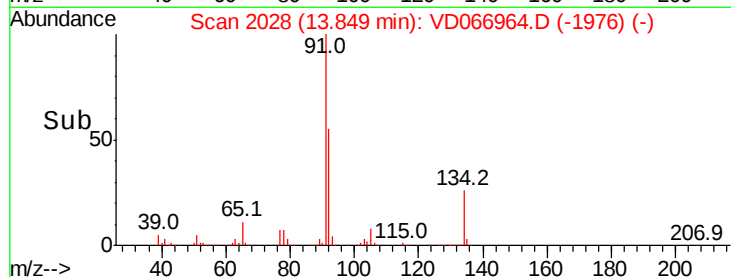
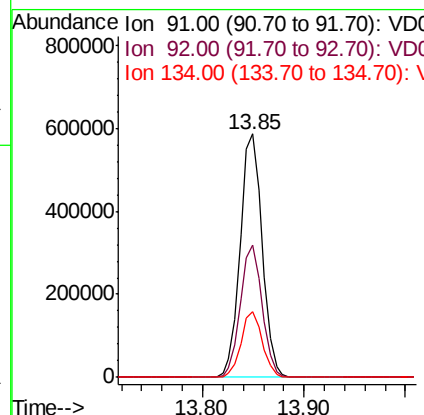
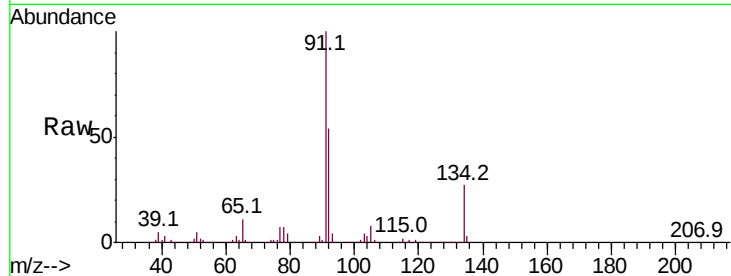




#89
n-Butylbenzene
Concen: 51.571 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

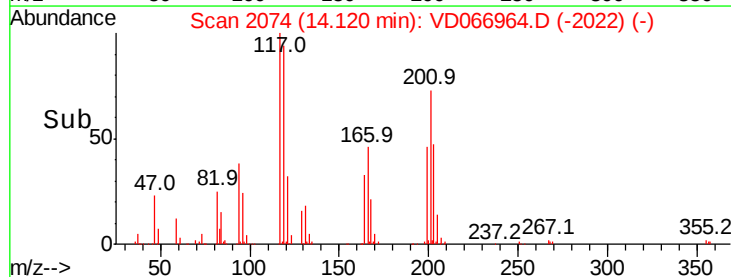
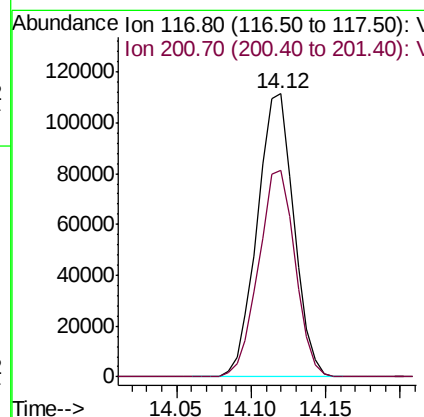
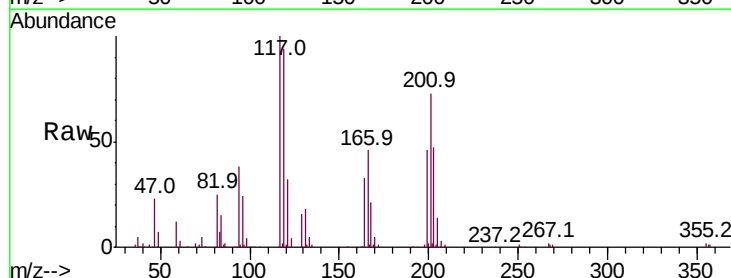
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

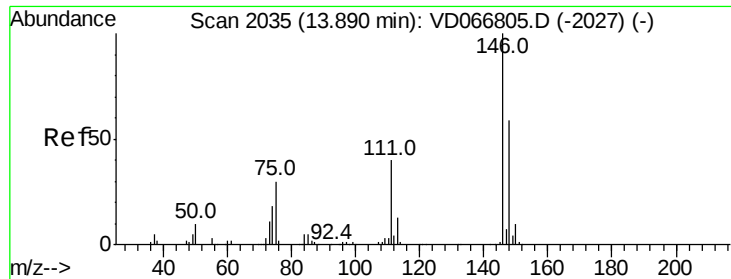
Tot Ion: 91 Resp: 883554
Ion Ratio Lower Upper
91 100
92 53.8 26.7 80.0
134 26.2 13.1 39.1



#90
Hexachloroethane
Concen: 51.627 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

Tgt Ion: 117 Resp: 188925
Ion Ratio Lower Upper
117 100
201 72.8 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 55.111 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

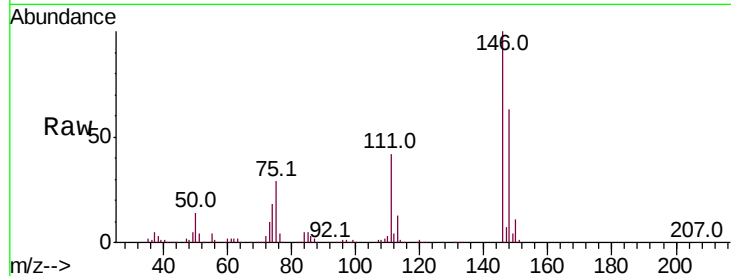
Tot Ion:146 Resp: 434513

Ion Ratio Lower Upper

146 100

111 42.0 20.9 62.7

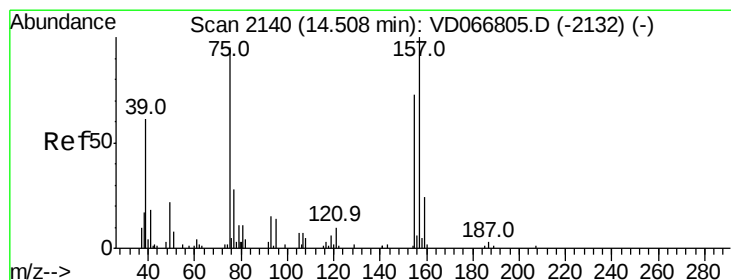
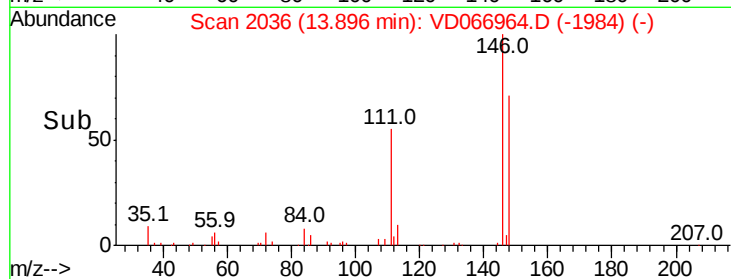
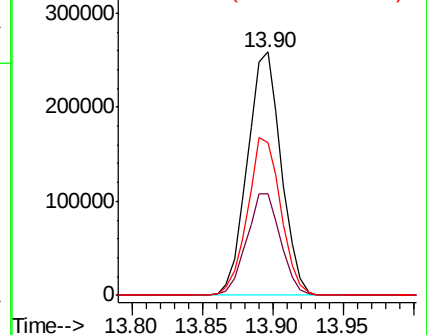
148 64.0 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.019 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VD066964.D

Acq: 30 Sep 2020 04:13

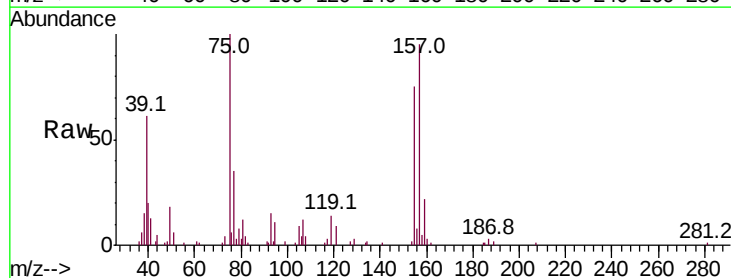
Tgt Ion: 75 Resp: 29906

Ion Ratio Lower Upper

75 100

155 87.4 40.4 121.2

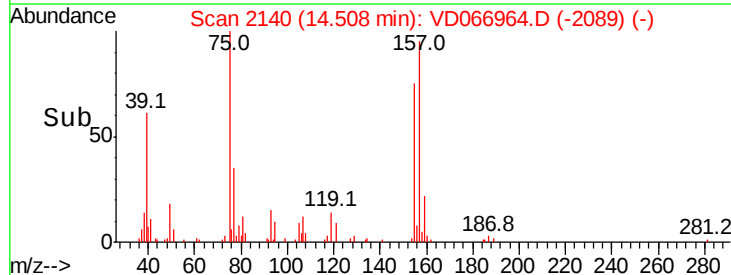
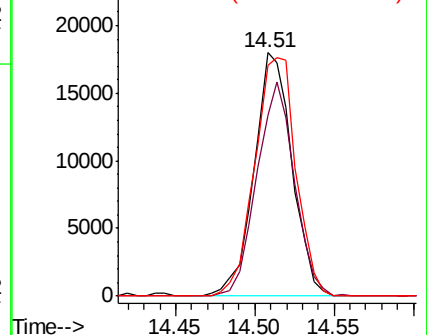
157 106.9 51.3 153.9

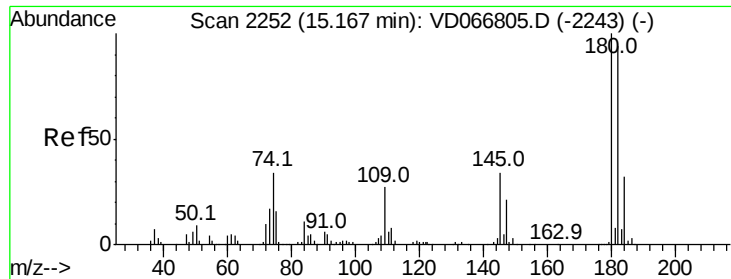


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

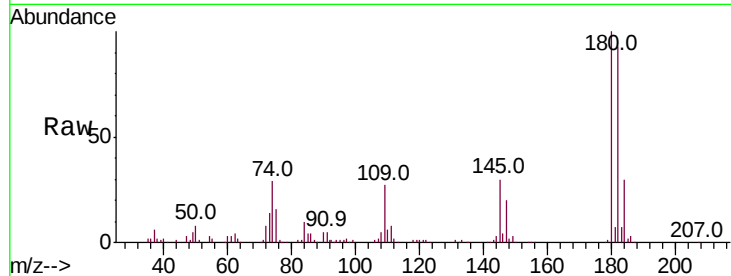




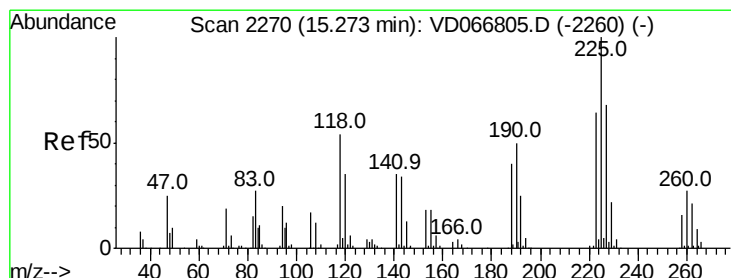
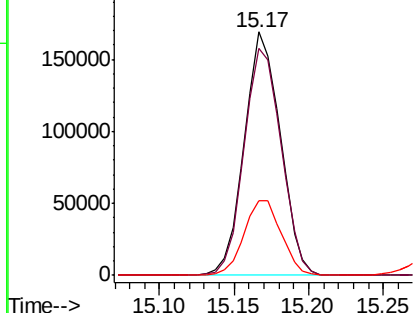
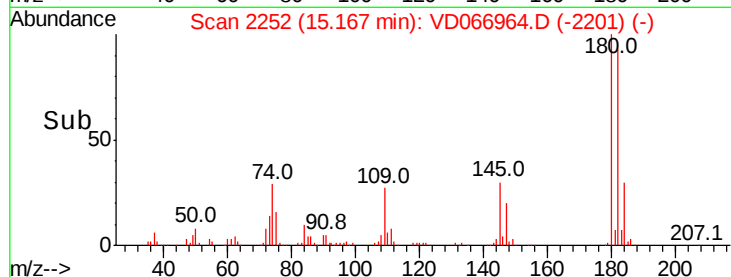
#93
 1,2,4-Trichlorobenzene
 Concen: 57.066 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.8	146.3
145	31.6	16.7	50.0

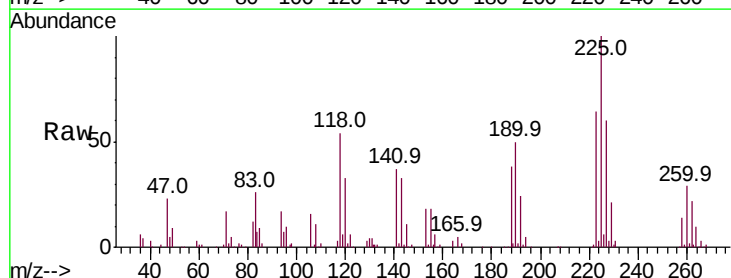


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

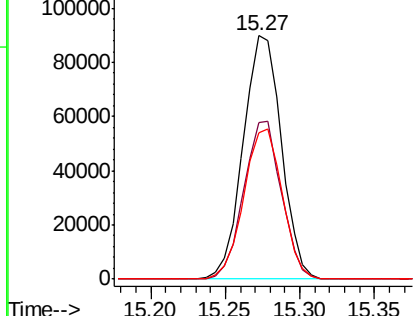
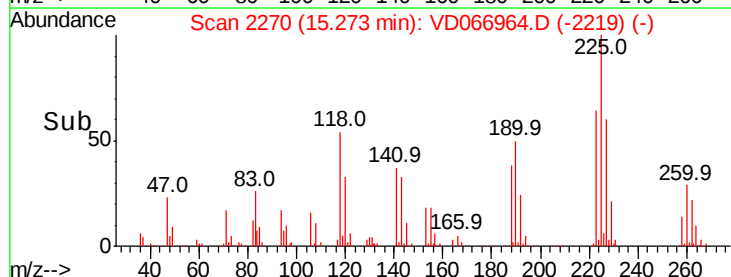


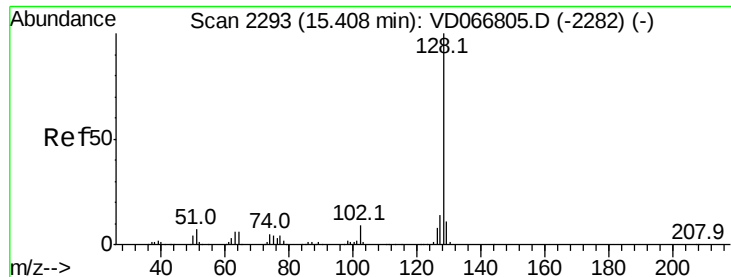
#94
 Hexachlorobutadiene
 Concen: 53.533 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066964.D
 Acq: 30 Sep 2020 04:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.1	93.3
227	61.8	31.7	95.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

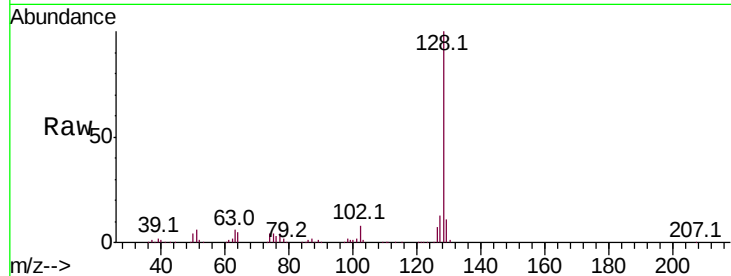




#95
Naphthalene
Concen: 62.019 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.7	8.9	13.3

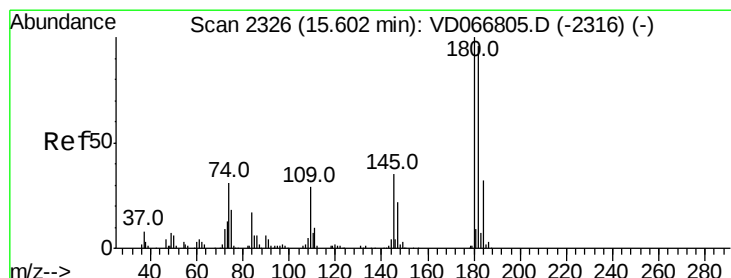
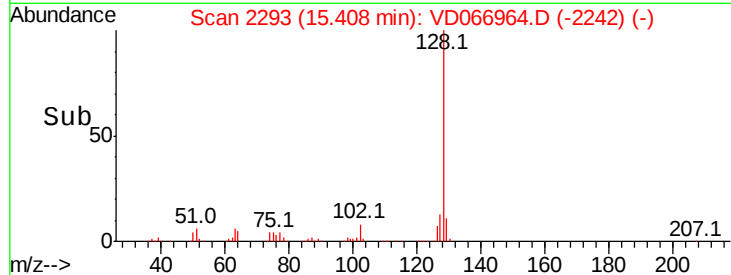
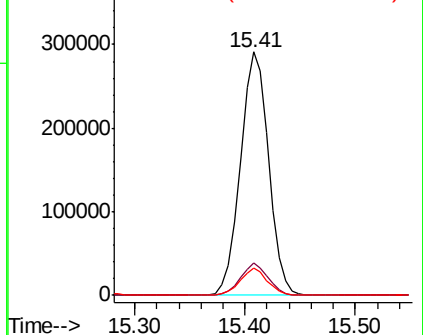


Abundance

Ion 128.00 (127.70 to 128.70): V

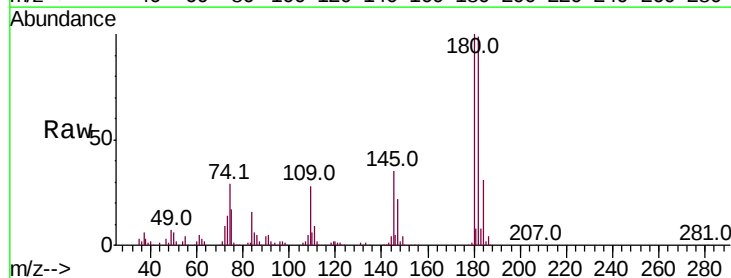
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 58.684 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066964.D
Acq: 30 Sep 2020 04:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.8	140.3
145	34.3	17.0	51.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

