

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066902.D
 Acq On : 26 Sep 2020 05:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 26 06:40:47 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	381311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	650712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	604835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279878	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	176907	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
35) Dibromofluoromethane	7.91	113	195540	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
50) Toluene-d8	10.34	98	687238	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.63	95	237989	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	116202	42.875	ug/l	93
3) Chloromethane	2.21	50	156159	44.573	ug/l	98
4) Vinyl Chloride	2.35	62	150937	43.608	ug/l	99
5) Bromomethane	2.77	94	123677	50.838	ug/l	97
6) Chloroethane	2.93	64	103406	48.110	ug/l #	87
7) Trichlorofluoromethane	3.28	101	308046	43.336	ug/l	98
8) Diethyl Ether	3.71	74	100036	55.434	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	181381	44.005	ug/l	97
10) Methyl Iodide	4.30	142	192346	52.882	ug/l	96
11) Tert butyl alcohol	5.21	59	61722	279.375	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	175075	46.888	ug/l	96
13) Acrolein	3.93	56	70301	255.346	ug/l	97
14) Allyl chloride	4.71	41	280755	51.206	ug/l	98
15) Acrylonitrile	5.42	53	214373	268.057	ug/l	98
16) Acetone	4.16	43	156510	197.686	ug/l	94
17) Carbon Disulfide	4.41	76	527479	46.207	ug/l	100
18) Methyl Acetate	4.72	43	124233	71.918	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	460723	56.818	ug/l	96
20) Methylene Chloride	4.97	84	244807	58.255	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	225891	52.248	ug/l	97
22) Diisopropyl ether	6.37	45	619581	54.960	ug/l	96
23) Vinyl Acetate	6.31	43	1524052	249.014	ug/l	98
24) 1,1-Dichloroethane	6.27	63	382537	50.723	ug/l	96
25) 2-Butanone	7.21	43	250224	263.000	ug/l	97
26) 2,2-Dichloropropane	7.21	77	289781	41.922	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	259667	55.278	ug/l	95
28) Bromochloromethane	7.54	49	172626	55.406	ug/l #	93
29) Tetrahydrofuran	7.56	42	170216	279.214	ug/l	97
30) Chloroform	7.71	83	423364	52.078	ug/l	97
31) Cyclohexane	7.98	56	285268	42.038	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	368518	50.111	ug/l	99
36) 1,1-Dichloropropene	8.11	75	286598	44.395	ug/l	98
37) Ethyl Acetate	7.29	43	116045	49.725	ug/l	97
38) Carbon Tetrachloride	8.10	117	316089	44.786	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	325056	43.856	ug/l	99
40) Benzene	8.35	78	907045	50.415	ug/l	94
41) Methacrylonitrile	7.52	41	62154	43.307	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	259453	48.781	ug/l	99
43) Isopropyl Acetate	8.45	43	228352	50.752	ug/l	99
44) Trichloroethene	9.11	130	249114	48.577	ug/l	97
45) 1,2-Dichloropropane	9.38	63	228437	50.464	ug/l	99
46) Dibromomethane	9.47	93	125133	50.878	ug/l	94
47) Bromodichloromethane	9.66	83	330356	50.001	ug/l	97
48) Methyl methacrylate	9.46	41	111346	50.193	ug/l	94
49) 1,4-Dioxane	9.46	88	28314	1016.902	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	605298	265.500	ug/l	99
52) Toluene	10.40	92	602098	51.954	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	285761	50.816	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	347461	50.674	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	175497	51.906	ug/l	95
56) Ethyl methacrylate	10.66	69	205711	56.794	ug/l	96
57) 1,3-Dichloropropane	10.94	76	288198	51.621	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	414095	241.451	ug/l	98
59) 2-Hexanone	10.98	43	403598	262.508	ug/l	95
60) Dibromochloromethane	11.14	129	230637	52.266	ug/l	99
61) 1,2-Dibromoethane	11.24	107	169643	53.944	ug/l	100
64) Tetrachloroethene	10.87	164	219367	50.421	ug/l	96
65) Chlorobenzene	11.67	112	632038	50.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	243728	51.149	ug/l	98
67) Ethyl Benzene	11.74	91	1114962	50.423	ug/l	100
68) m/p-Xylenes	11.85	106	852035	101.773	ug/l	99
69) o-Xylene	12.18	106	392318	51.824	ug/l	100
70) Styrene	12.19	104	705989	53.702	ug/l	99
71) Bromoform	12.36	173	128078	53.087	ug/l #	99
73) Isopropylbenzene	12.48	105	1059043	52.380	ug/l	97
74) N-amyl acetate	12.28	43	197711	50.075	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	181994	52.166	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	232523	100.251	ug/l #	100
77) Bromobenzene	12.76	156	254991	53.925	ug/l	96
78) n-propylbenzene	12.82	91	1243013	51.103	ug/l	99
79) 2-Chlorotoluene	12.91	91	721185	52.030	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	892823	52.043	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	50315	54.274	ug/l	96
82) 4-Chlorotoluene	13.00	91	759429	51.975	ug/l	99
83) tert-Butylbenzene	13.23	119	752625	53.389	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	903730	53.124	ug/l	100
85) sec-Butylbenzene	13.40	105	1023440	50.486	ug/l	100
86) p-Isopropyltoluene	13.52	119	945300	51.733	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	476113	50.964	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	467043	50.335	ug/l	99
89) n-Butylbenzene	13.84	91	842317	48.498	ug/l	100
90) Hexachloroethane	14.11	117	186527	50.281	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	417162	52.194	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30142	53.708	ug/l	98

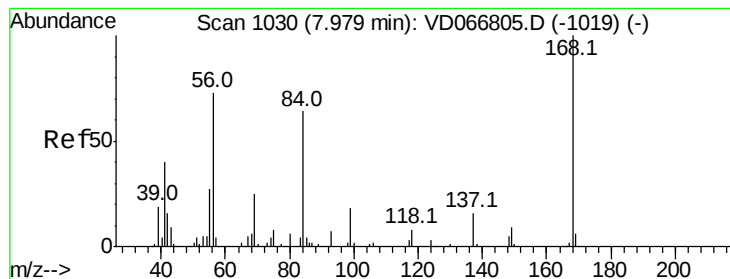
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	270616	53.786	ug/l	97
94) Hexachlorobutadiene	15.27	225	149708	49.654	ug/l	99
95) Naphthalene	15.41	128	501248	58.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	234547	54.010	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

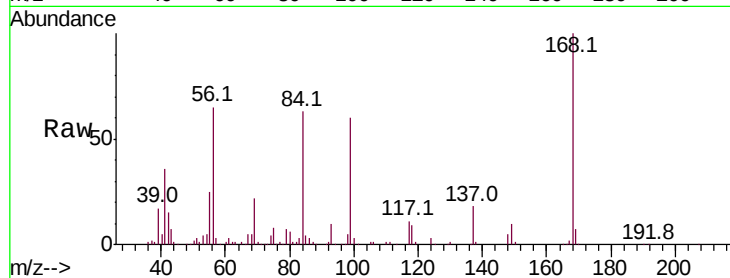
VSTDCCC050EC

Tot Ion:168 Resp: 381311

Ion Ratio Lower Upper

168 100

99 59.6 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

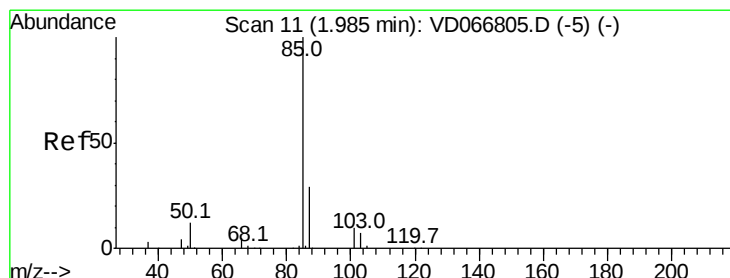
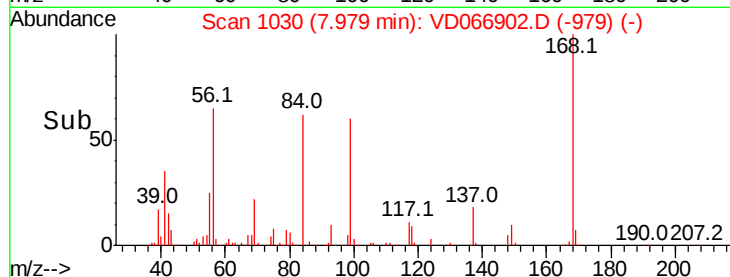
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 42.875 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066902.D

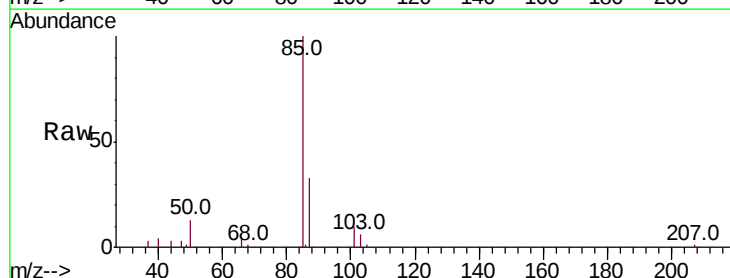
Acq: 26 Sep 2020 05:50

Tgt Ion: 85 Resp: 116202

Ion Ratio Lower Upper

85 100

87 32.6 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

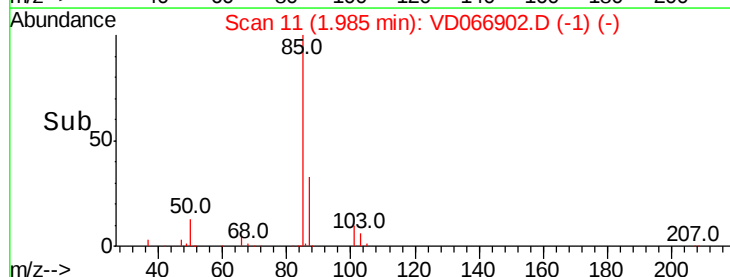
40000

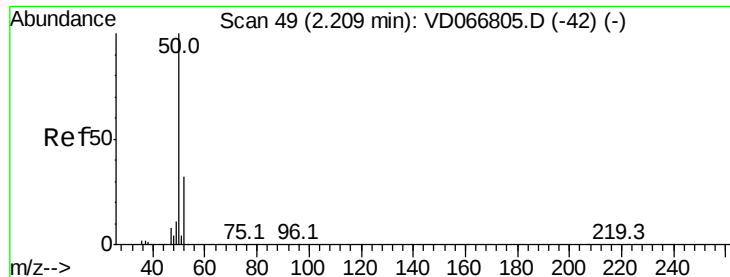
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 44.573 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

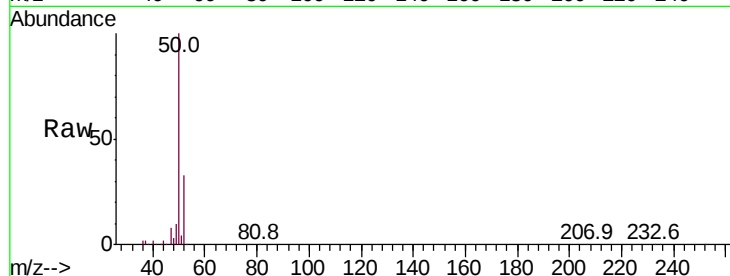
VSTDCCC050EC

Tot Ion: 50 Resp: 156159

Ion Ratio Lower Upper

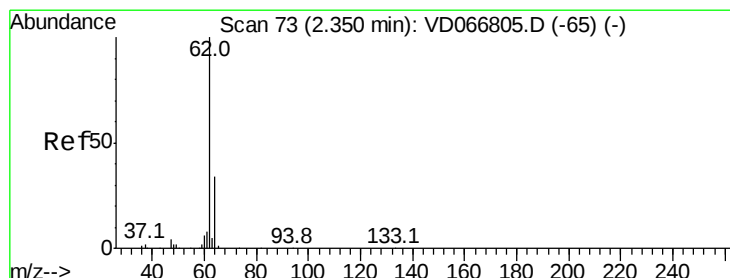
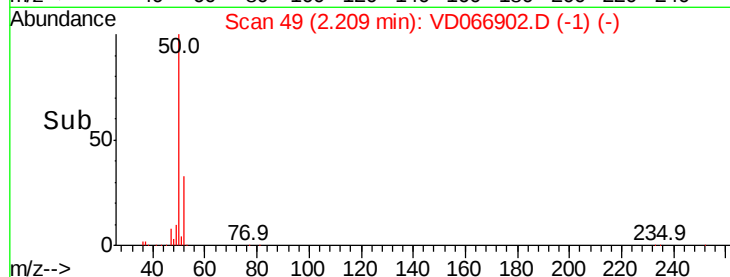
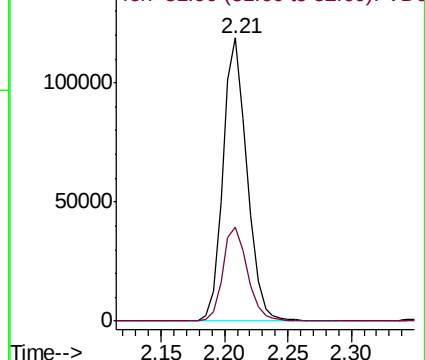
50 100

52 33.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.608 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066902.D

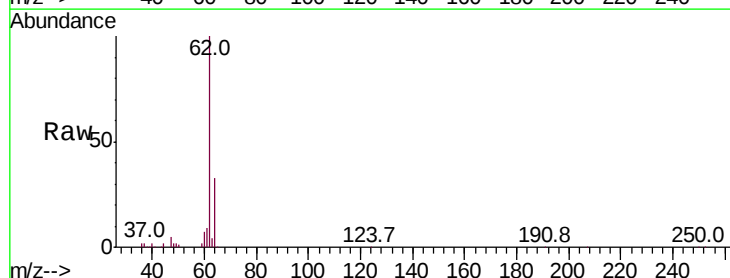
Acq: 26 Sep 2020 05:50

Tgt Ion: 62 Resp: 150937

Ion Ratio Lower Upper

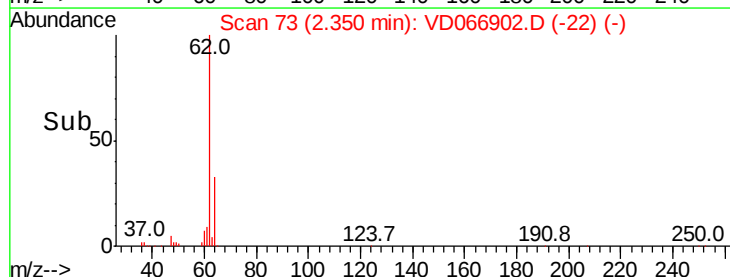
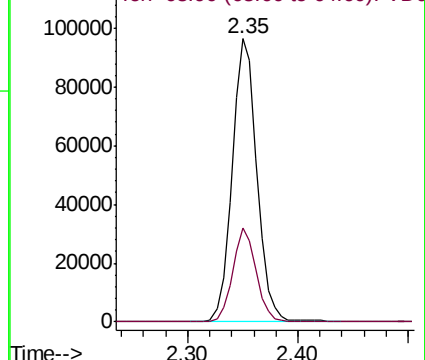
62 100

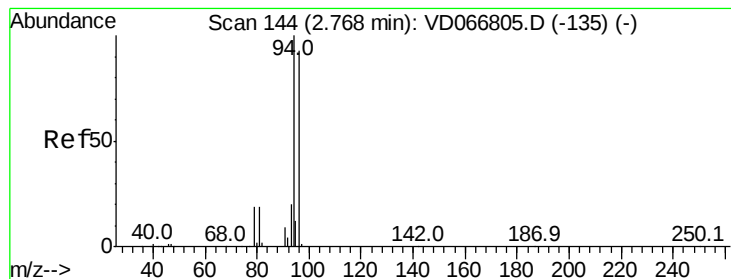
64 33.2 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 50.838 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

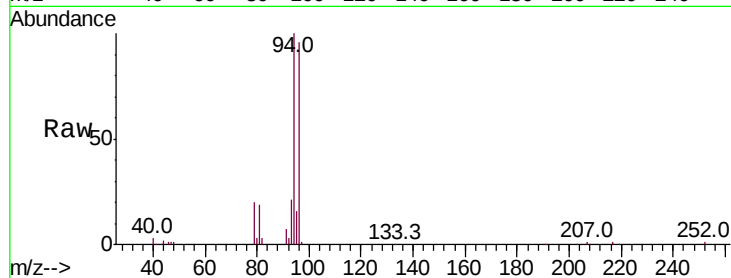
VSTDCCC050EC

Tot Ion: 94 Resp: 123677

Ion Ratio Lower Upper

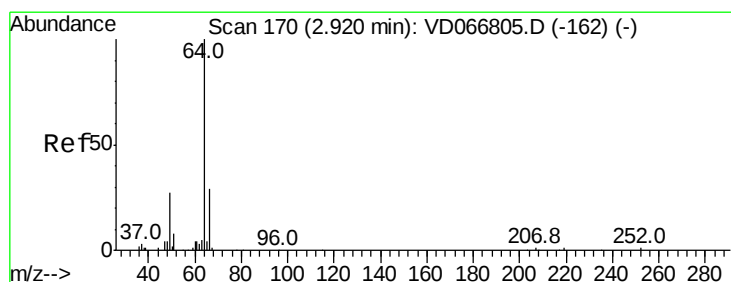
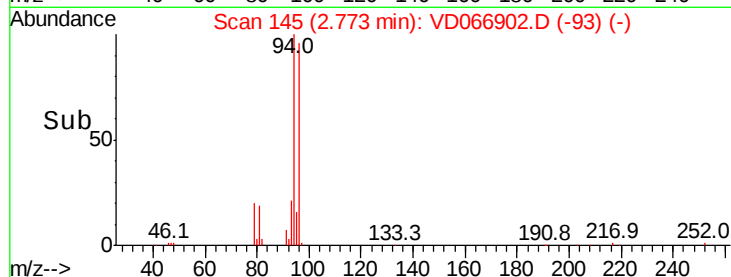
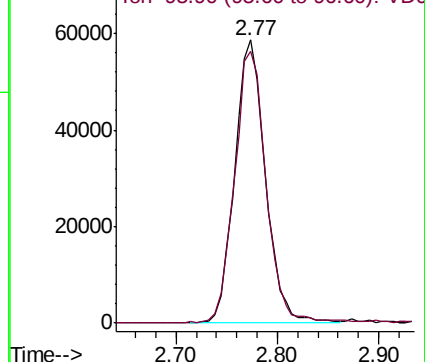
94 100

96 95.7 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.110 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066902.D

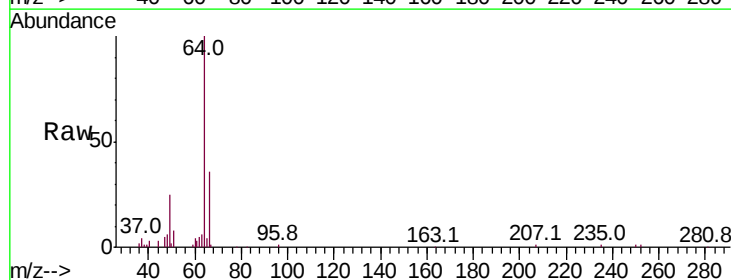
Acq: 26 Sep 2020 05:50

Tgt Ion: 64 Resp: 103406

Ion Ratio Lower Upper

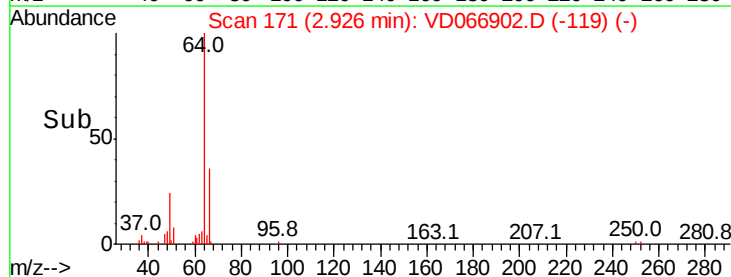
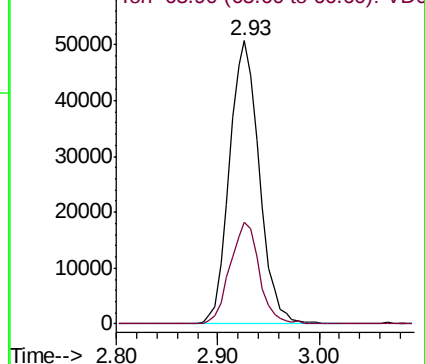
64 100

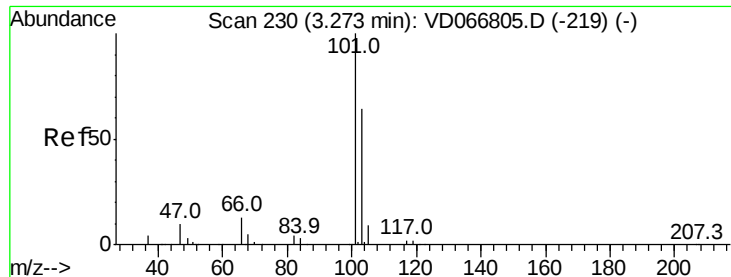
66 36.0 23.3 34.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



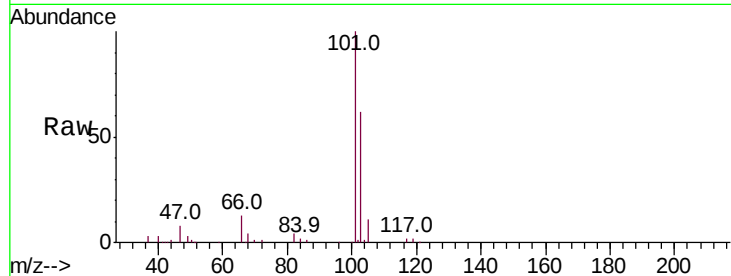


#7

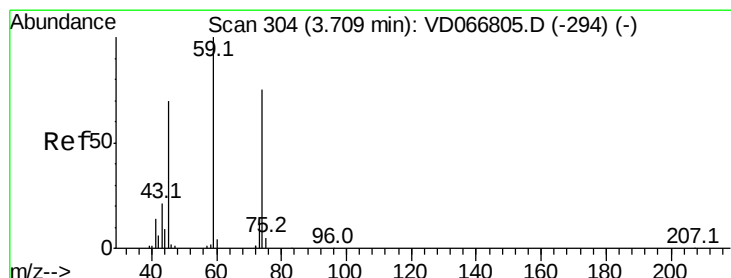
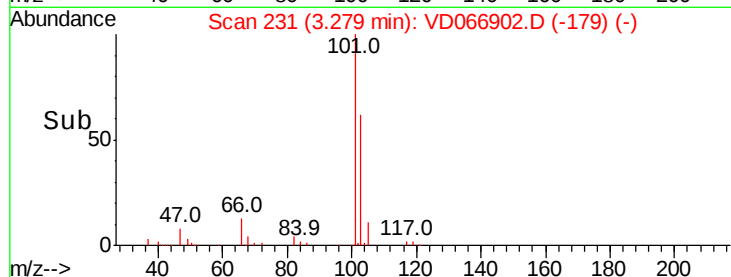
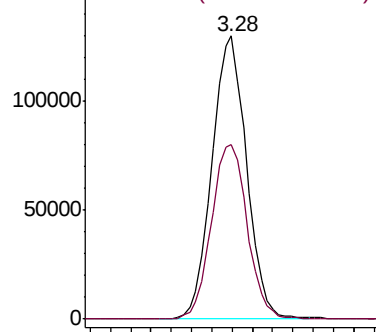
Trichlorofluoromethane
Concen: 43.336 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD066902.D
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Tot Ion:101 Resp: 308046
Ion Ratio Lower Upper
101 100
103 61.9 51.0 76.6



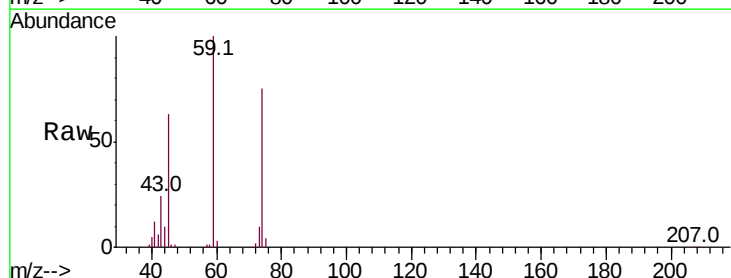
Abundance Ion 100.90 (100.60 to 101.60): V
150000 Ion 102.80 (102.50 to 103.50): V



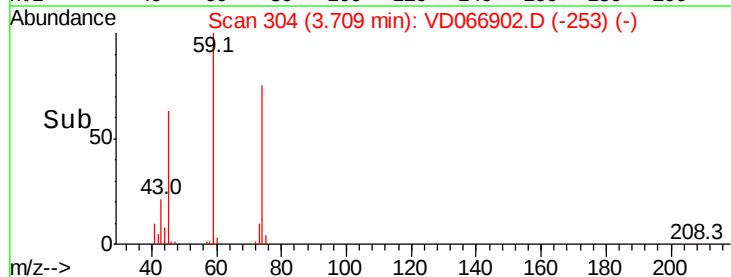
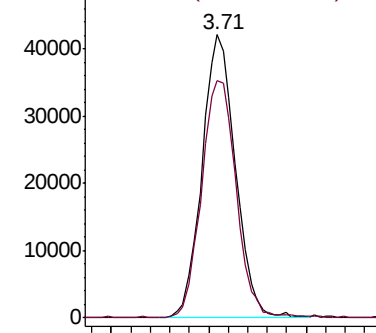
#8

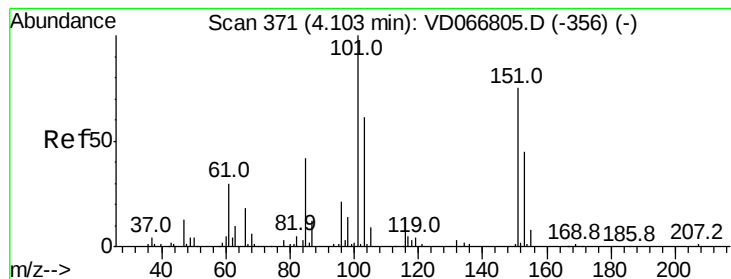
Diethyl Ether
Concen: 55.434 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 74 Resp: 100036
Ion Ratio Lower Upper
74 100
45 87.8 46.0 138.0



Abundance Ion 74.00 (73.70 to 74.70): VDC
50000 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.005 ug/l

RT: 4.10 min Scan# 371

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

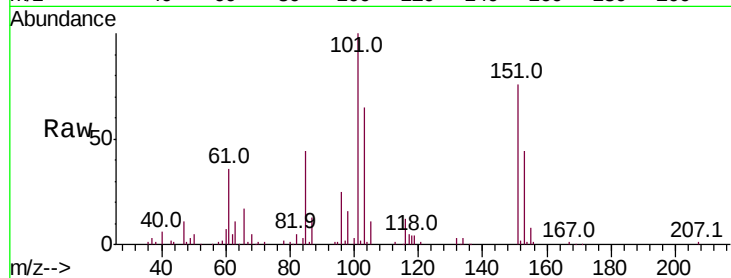
Tot Ion:101 Resp: 181381

Ion Ratio Lower Upper

101 100

85 43.2 35.4 53.2

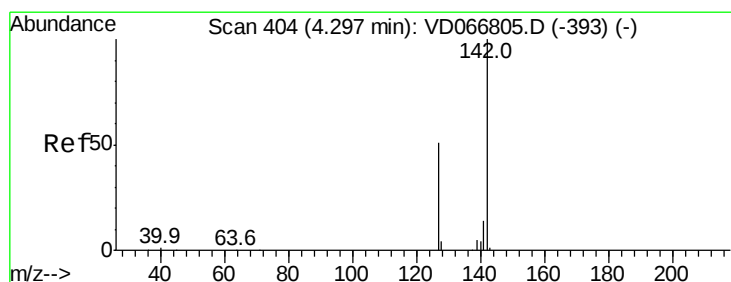
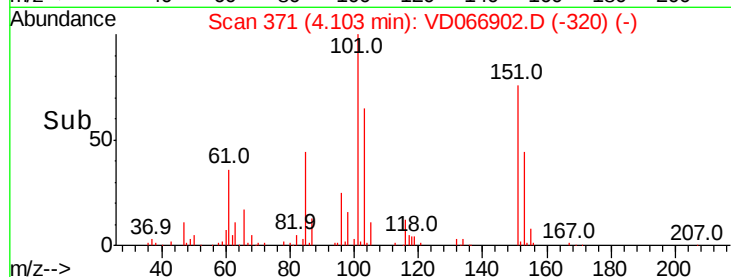
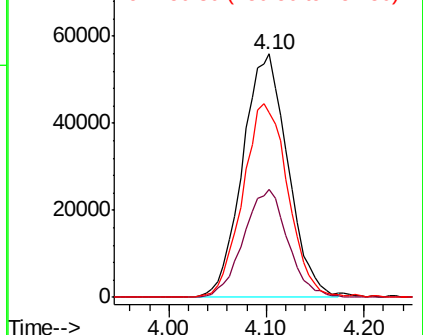
151 79.5 61.4 92.0



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: 52.882 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

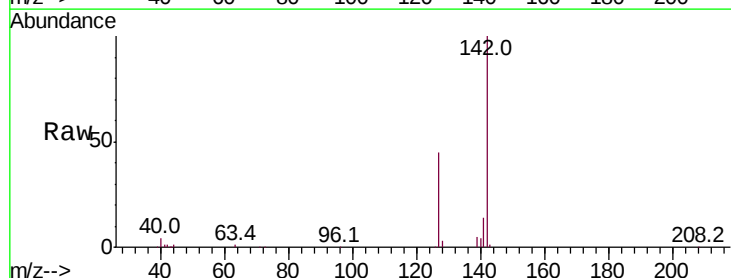
Tgt Ion:142 Resp: 192346

Ion Ratio Lower Upper

142 100

127 46.0 39.4 59.0

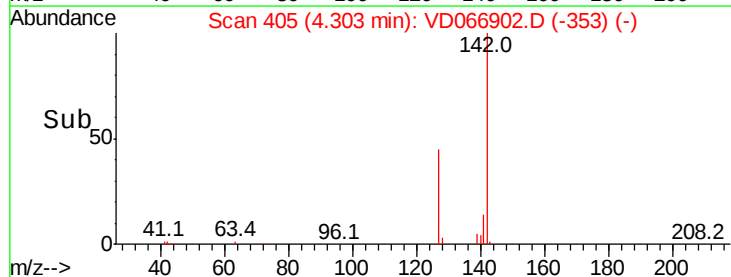
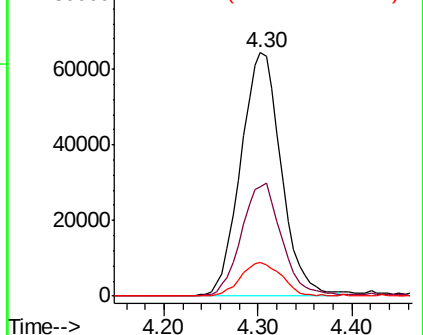
141 14.2 12.1 18.1

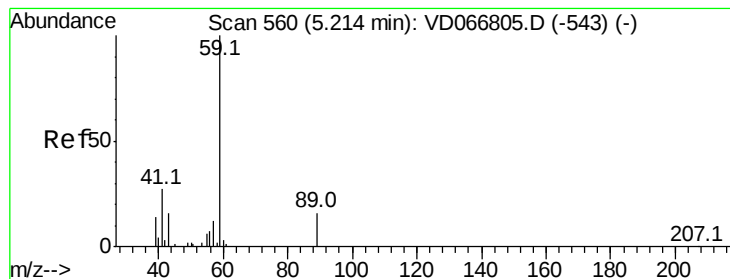


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 279.375 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

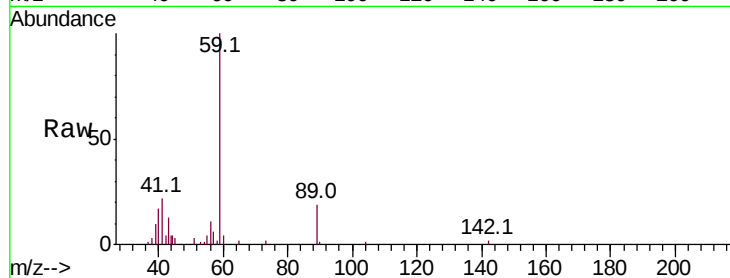
VSTDCCC050EC

Tot Ion: 59 Resp: 61722

Ion Ratio Lower Upper

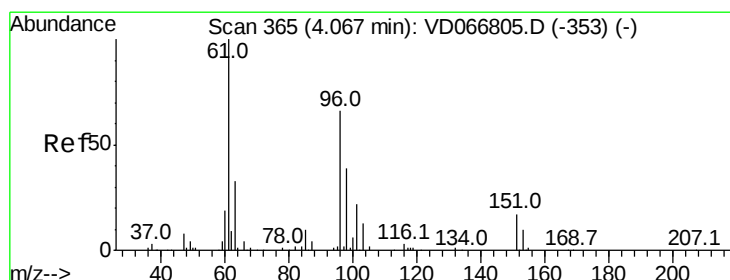
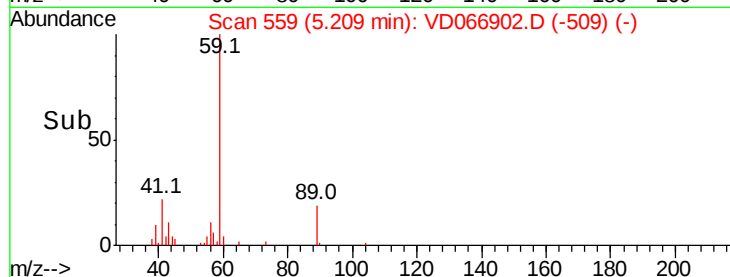
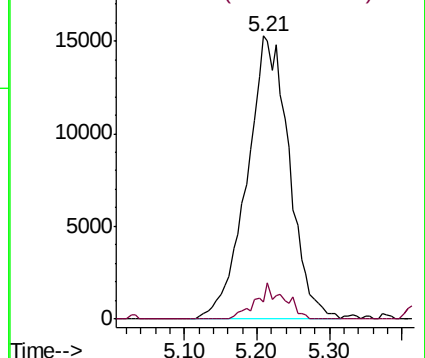
59 100

57 8.3 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 46.888 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

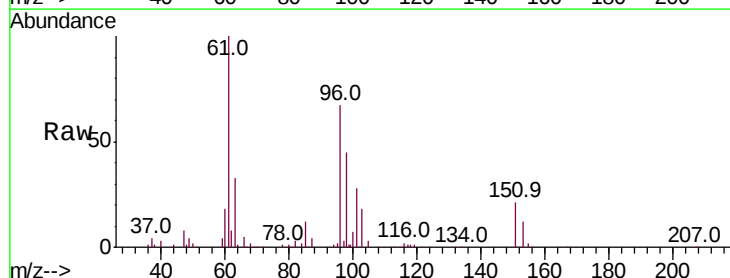
Tgt Ion: 96 Resp: 175075

Ion Ratio Lower Upper

96 100

61 148.6 120.8 181.2

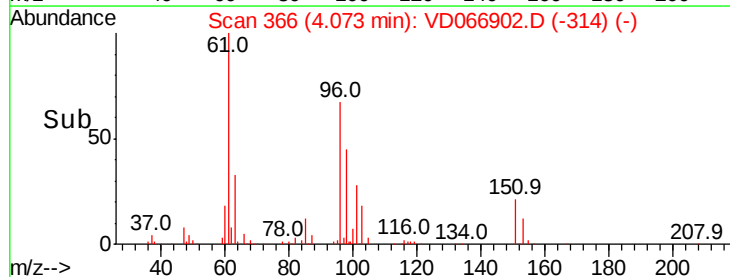
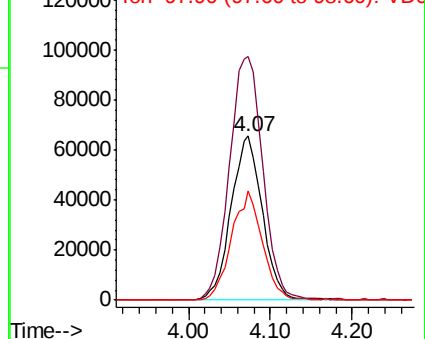
98 67.0 47.7 71.5

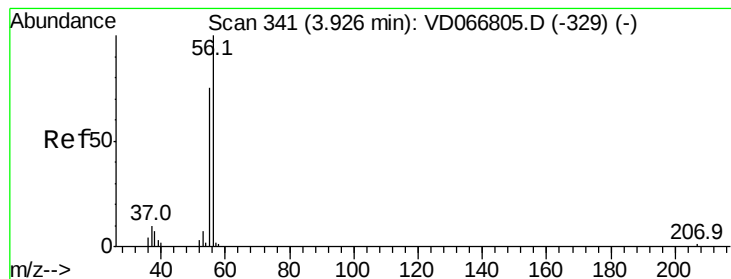


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 255.346 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

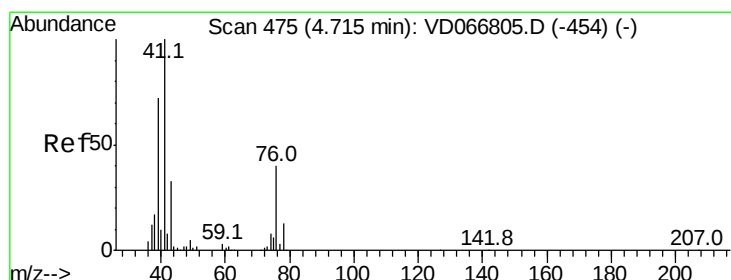
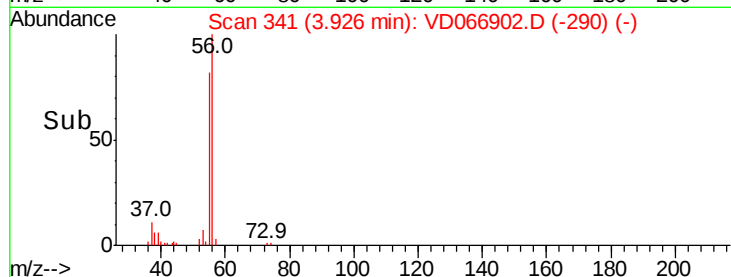
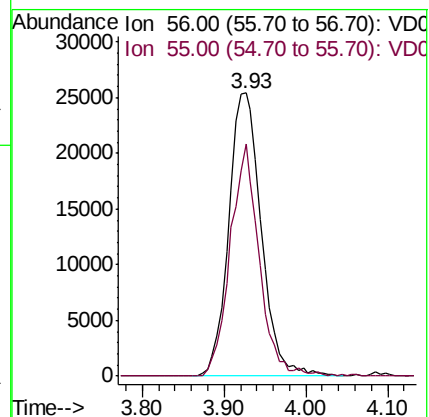
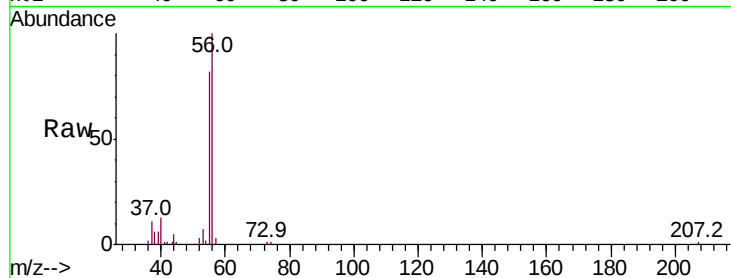
VSTDCCC050EC

Tot Ion: 56 Resp: 70301

Ion Ratio Lower Upper

56 100

55 73.1 60.3 90.5



#14

Allyl chloride

Concen: 51.206 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

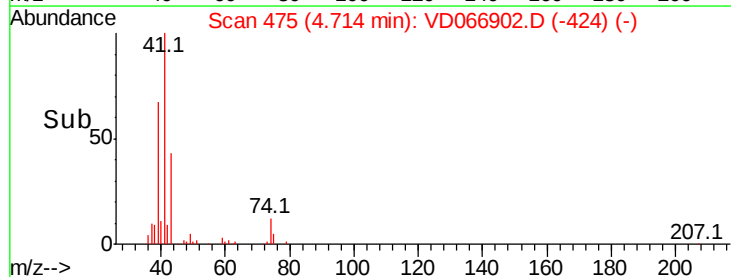
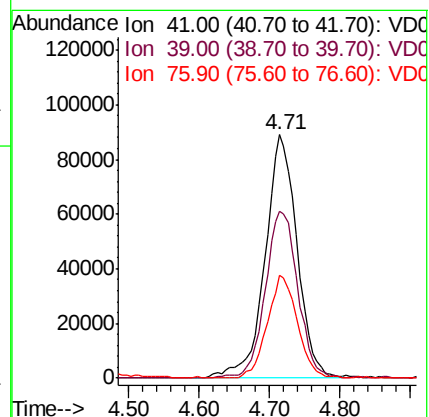
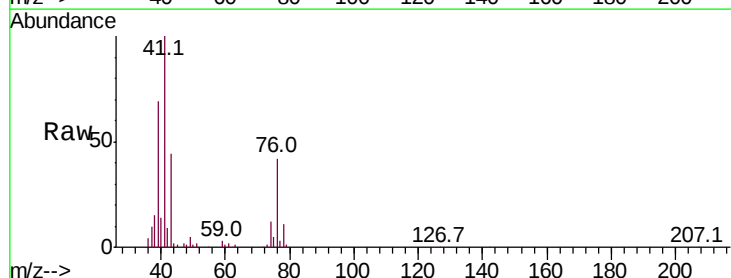
Tgt Ion: 41 Resp: 280755

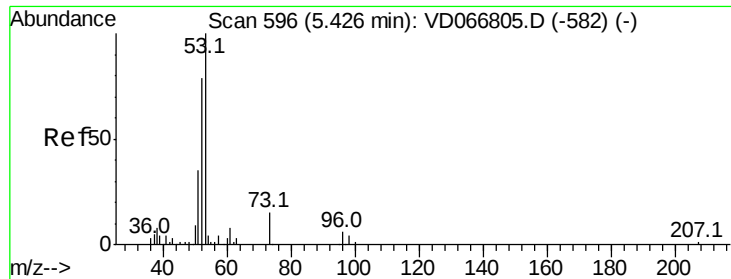
Ion Ratio Lower Upper

41 100

39 69.9 57.8 86.8

76 39.3 30.9 46.3





#15

Acrylonitrile

Concen: 268.057 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

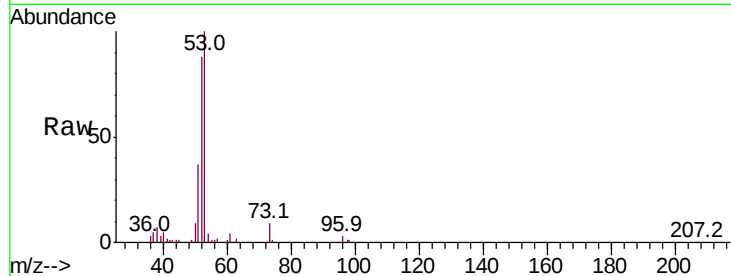
Tot Ion: 53 Resp: 214373

Ion Ratio Lower Upper

53 100

52 83.2 65.2 97.8

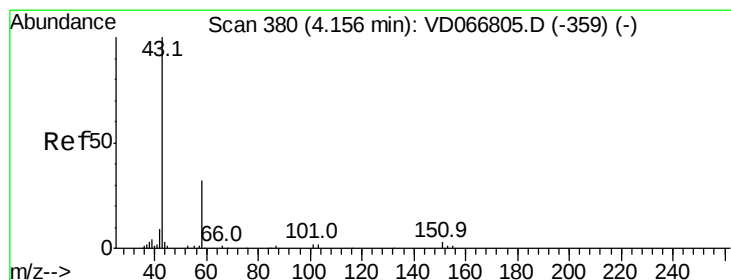
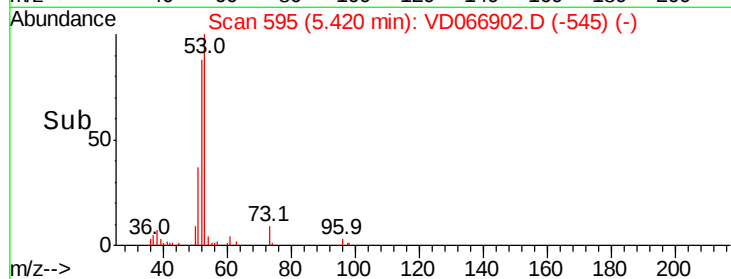
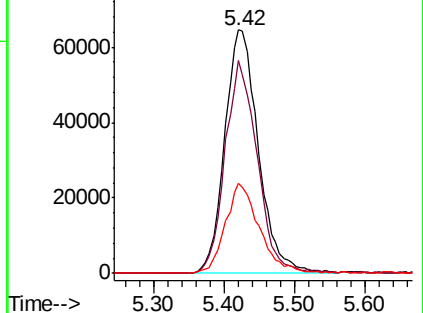
51 37.5 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 197.686 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066902.D

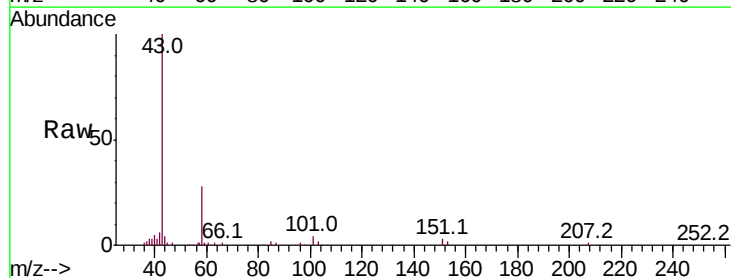
Acq: 26 Sep 2020 05:50

Tgt Ion: 43 Resp: 156510

Ion Ratio Lower Upper

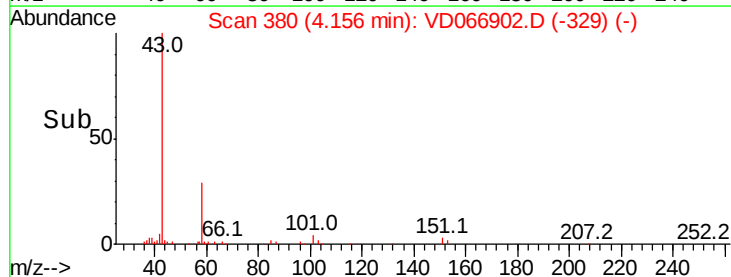
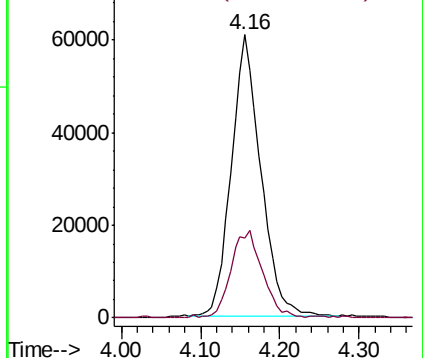
43 100

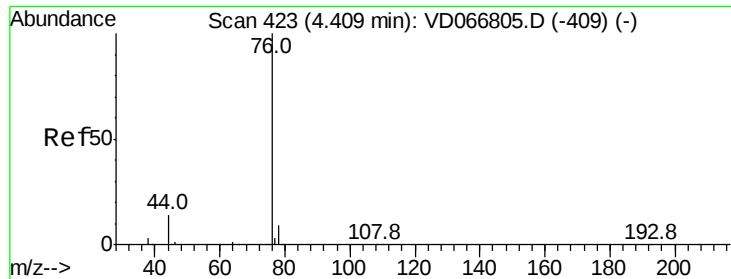
58 28.6 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

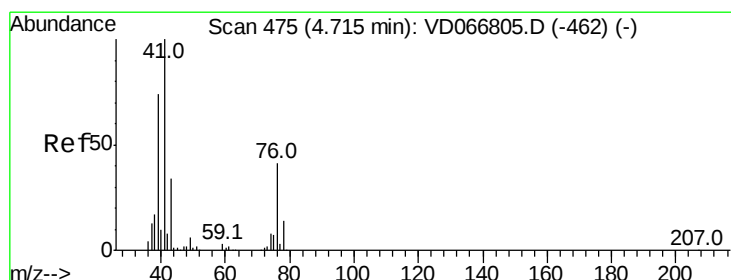
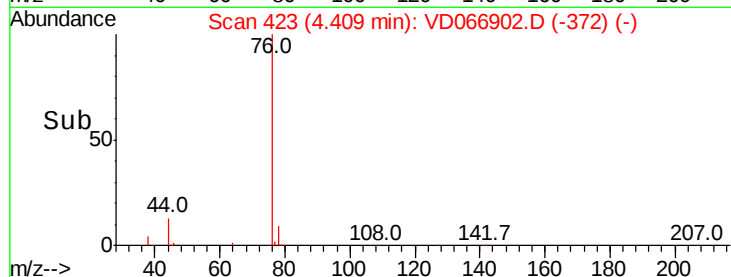
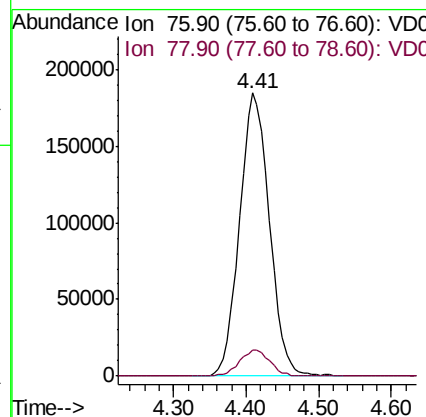
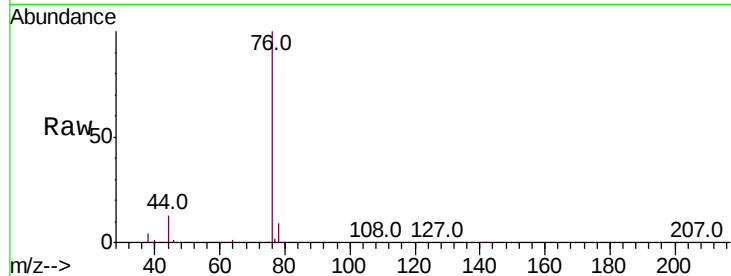




#17
Carbon Disulfide
Concen: 46.207 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

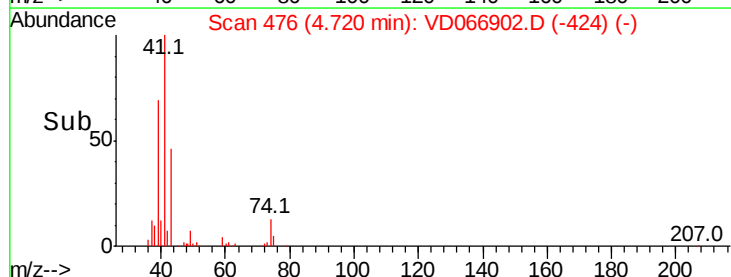
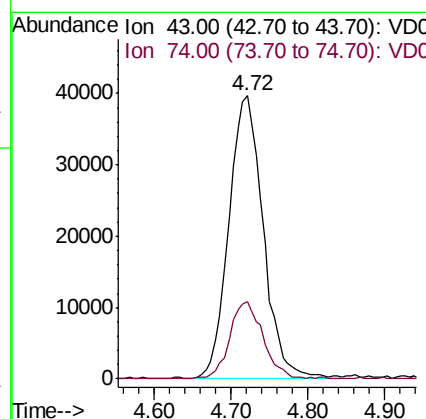
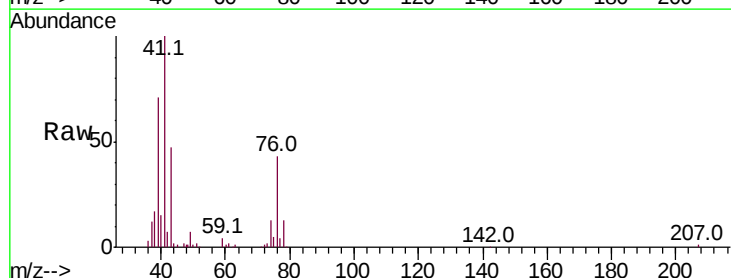
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

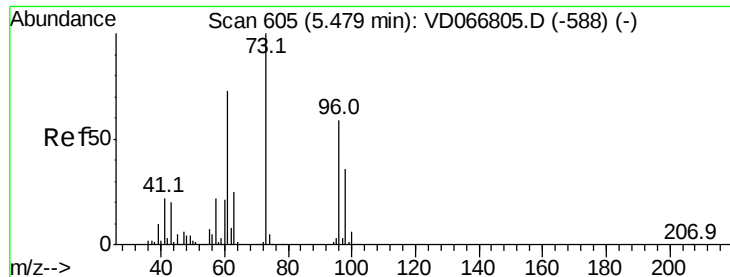
Tot Ion: 76 Resp: 527479
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4



#18
Methyl Acetate
Concen: 71.918 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 43 Resp: 124233
Ion Ratio Lower Upper
43 100
74 26.3 20.3 30.5



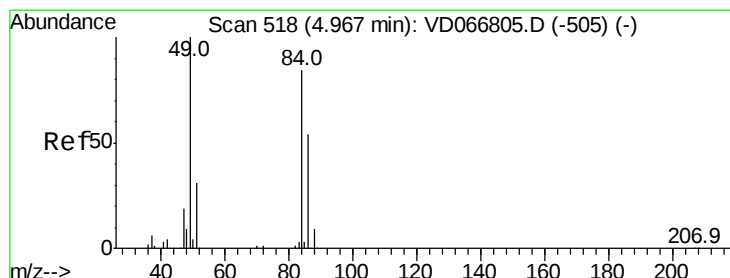
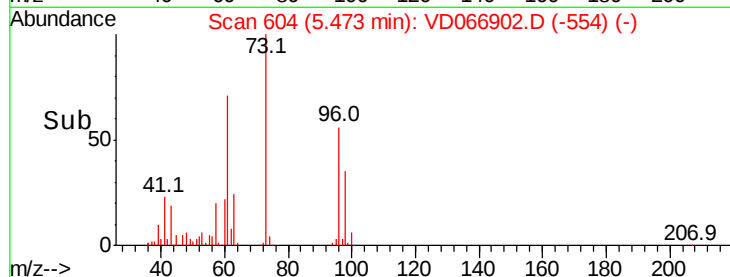
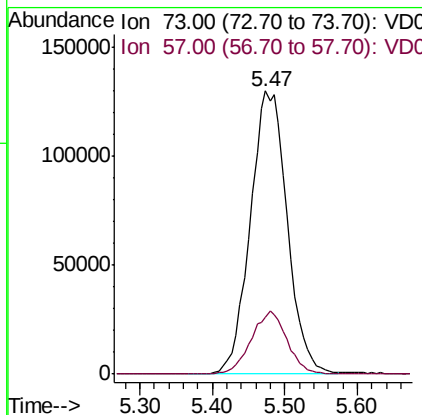
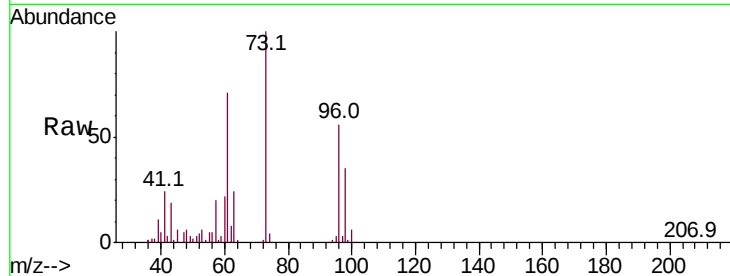


#19

Methyl tert-butyl Ether
 Concen: 56.818 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

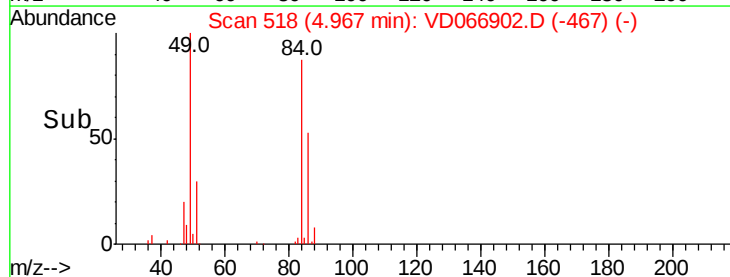
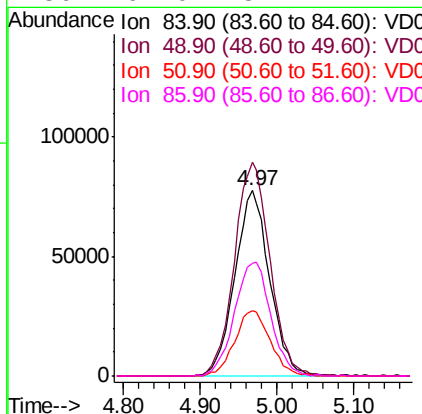
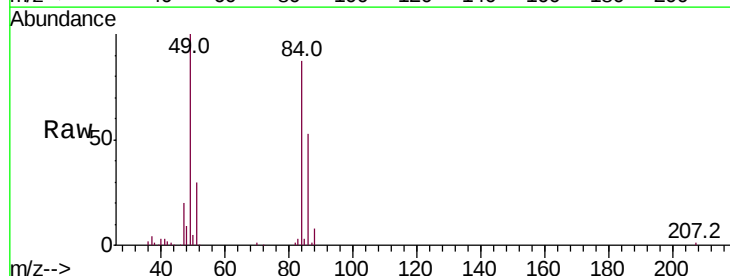
Tot Ion: 73 Resp: 460723
 Ion Ratio Lower Upper
 73 100
 57 20.0 17.4 26.2

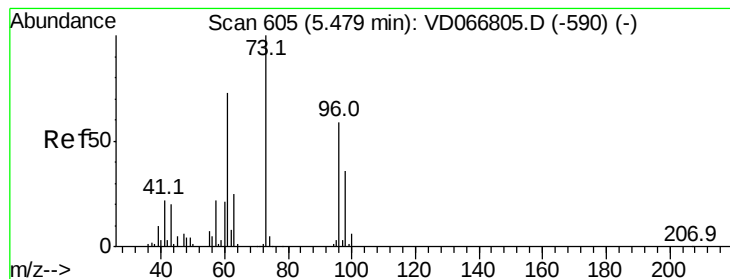


#20

Methylene Chloride
 Concen: 58.255 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion: 84 Resp: 244807
 Ion Ratio Lower Upper
 84 100
 49 115.2 95.4 143.2
 51 35.0 29.7 44.5
 86 61.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 52.248 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

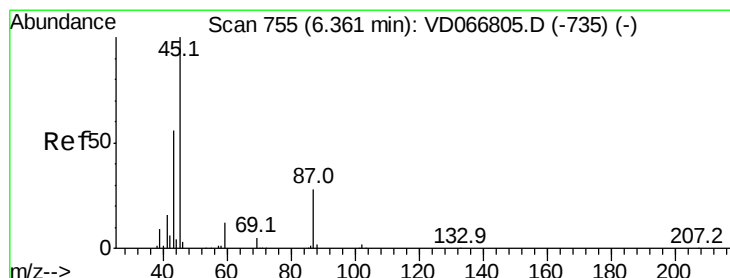
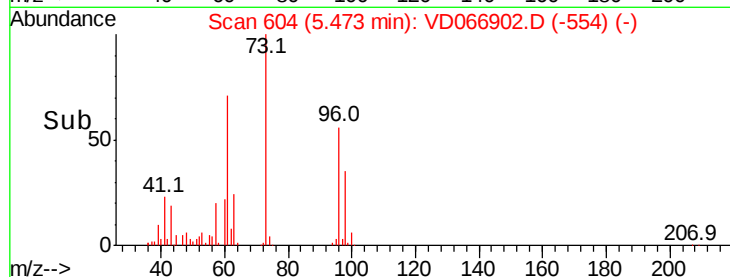
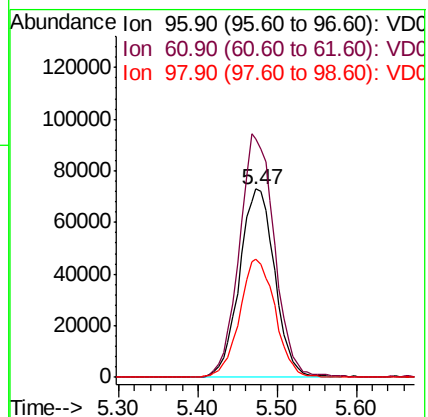
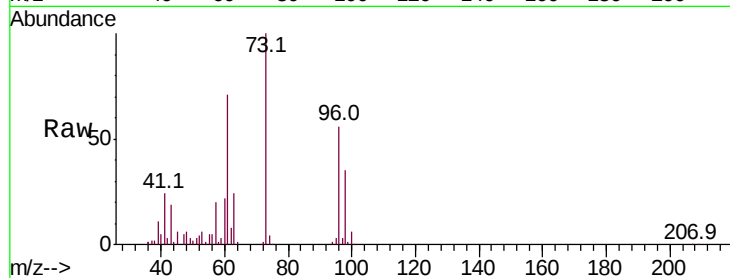
Tot Ion: 96 Resp: 225891

Ion Ratio Lower Upper

96 100

61 126.5 98.9 148.3

98 62.8 48.4 72.6



#22

Diisopropyl ether

Concen: 54.960 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Tgt Ion: 45 Resp: 619581

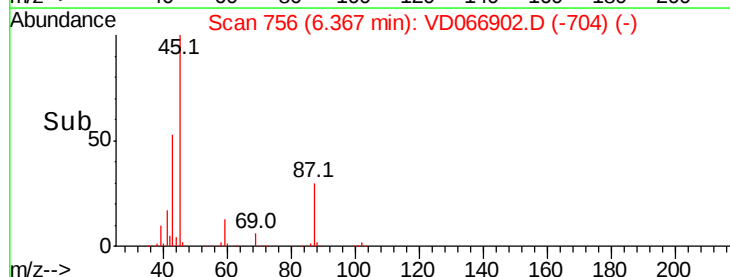
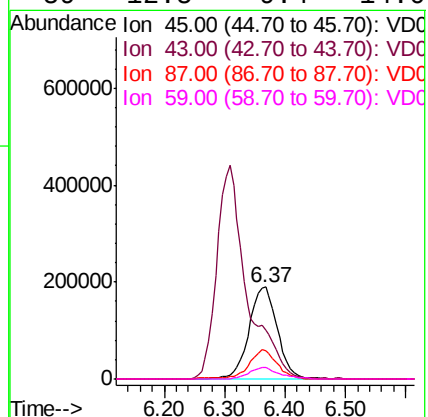
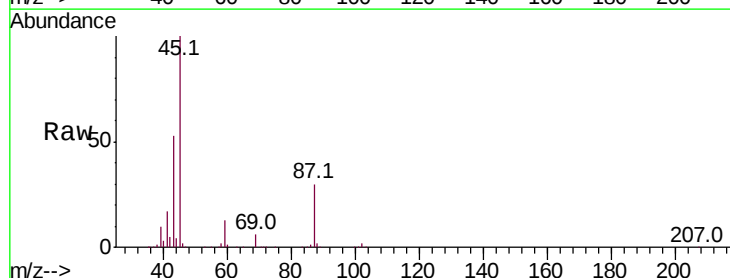
Ion Ratio Lower Upper

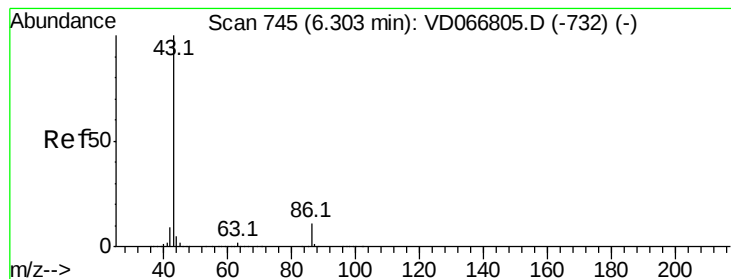
45 100

43 52.2 44.5 66.7

87 30.3 22.9 34.3

59 12.5 9.4 14.0





#23

Vinyl Acetate

Concen: 249.014 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleID :

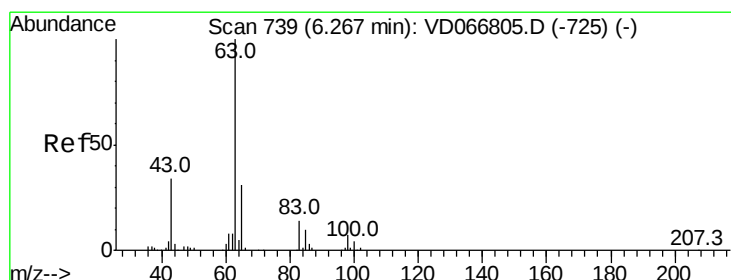
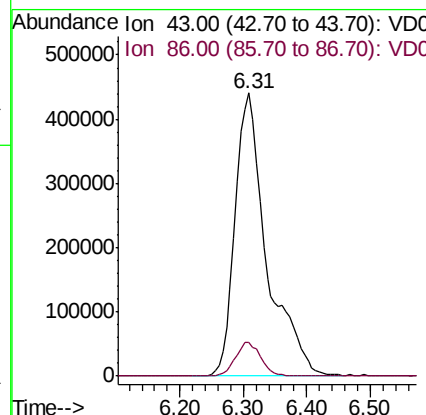
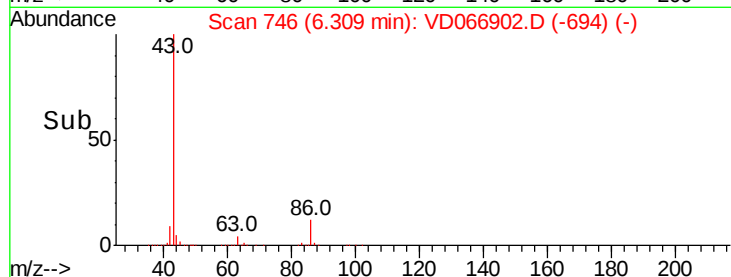
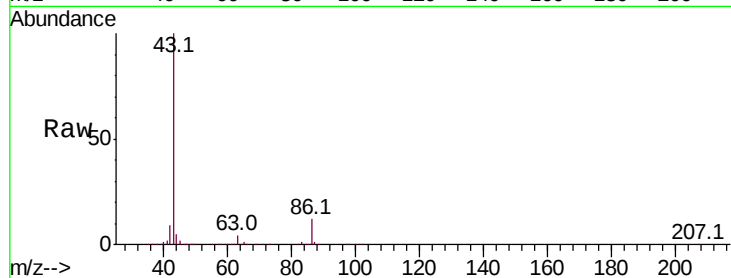
VSTDCCC050EC

Tot Ion: 43 Resp: 1524052

Ion Ratio Lower Upper

43 100

86 11.9 8.9 13.3



#24

1,1-Dichloroethane

Concen: 50.723 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

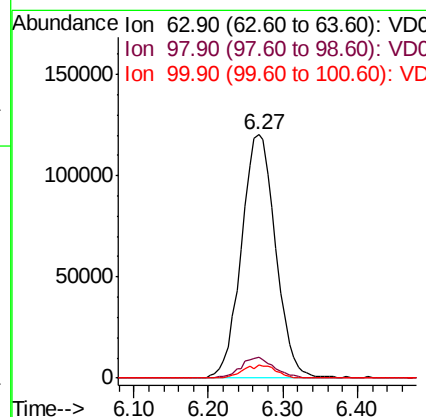
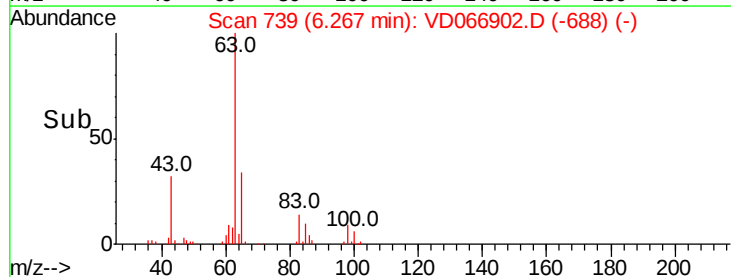
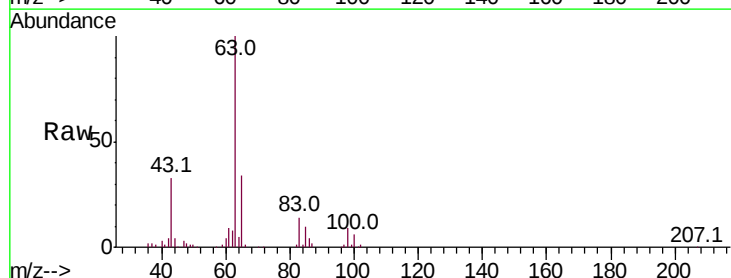
Tgt Ion: 63 Resp: 382537

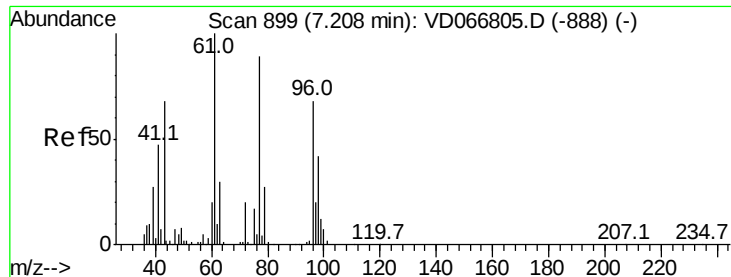
Ion Ratio Lower Upper

63 100

98 8.6 3.7 11.1

100 5.5 1.8 5.5





#25

2-Butanone

Concen: 263.000 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

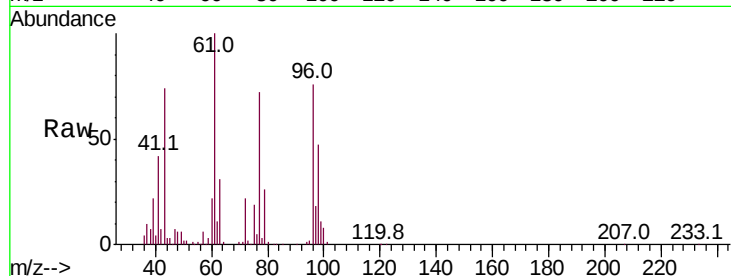
VSTDCCC050EC

Tot Ion: 43 Resp: 250224

Ion Ratio Lower Upper

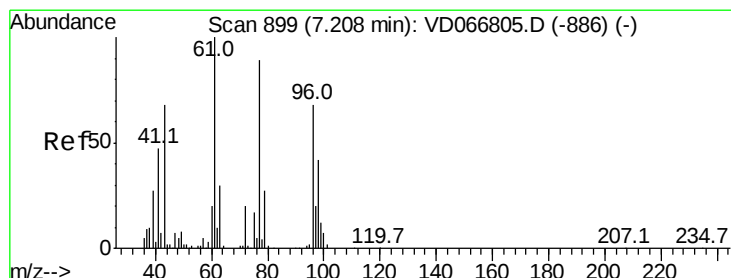
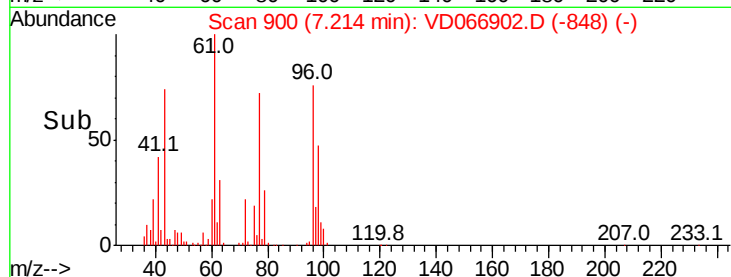
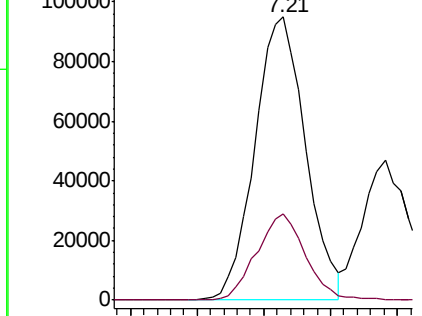
43 100

72 30.3 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 41.922 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066902.D

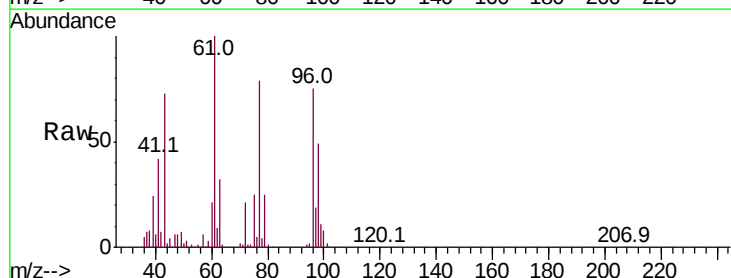
Acq: 26 Sep 2020 05:50

Tgt Ion: 77 Resp: 289781

Ion Ratio Lower Upper

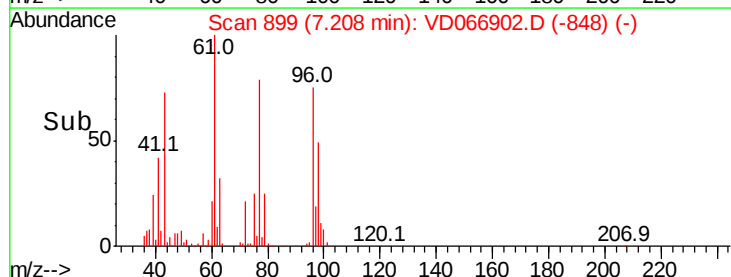
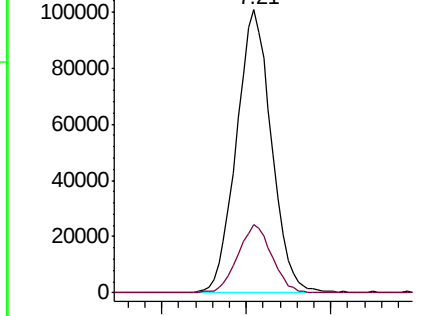
77 100

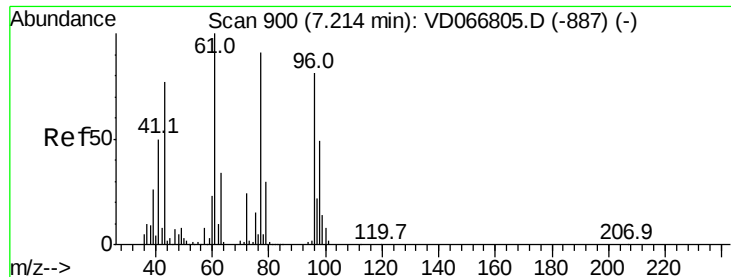
97 23.5 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



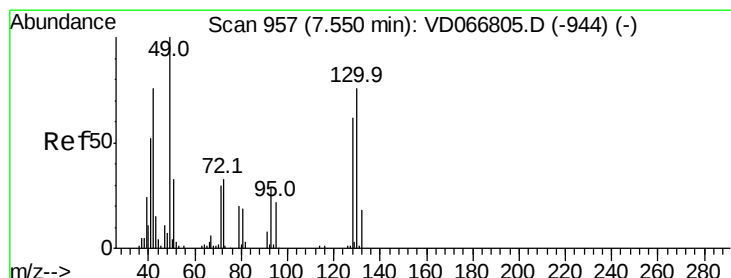
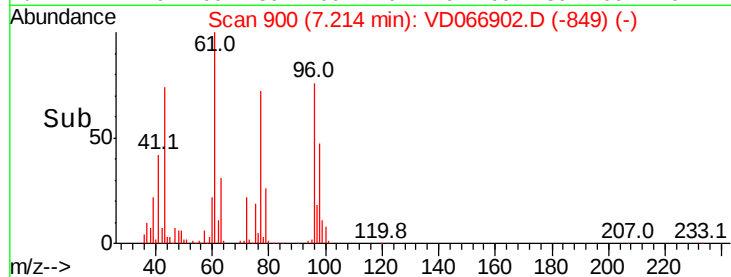
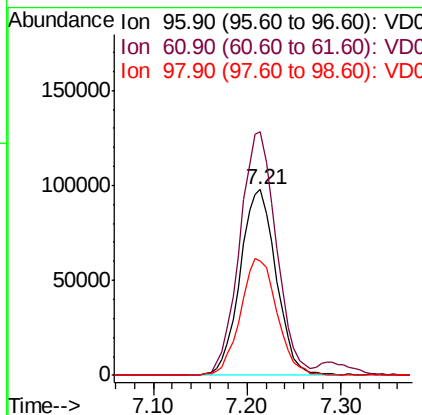
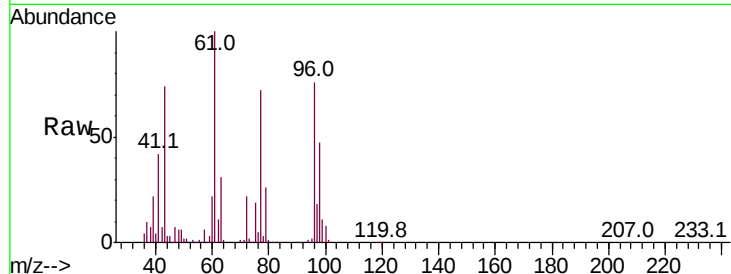


#27

cis-1,2-Dichloroethene
Concen: 55.278 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

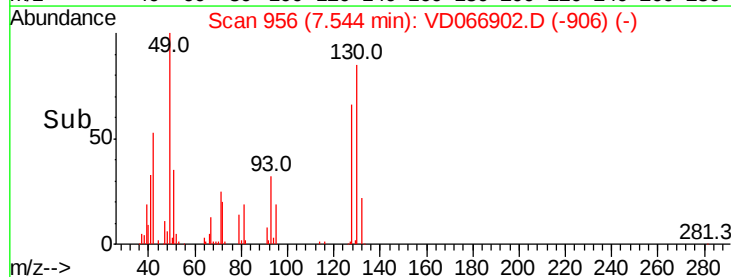
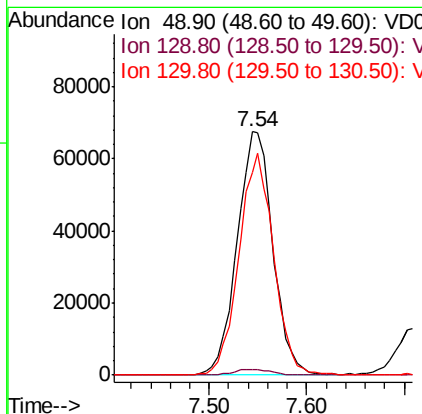
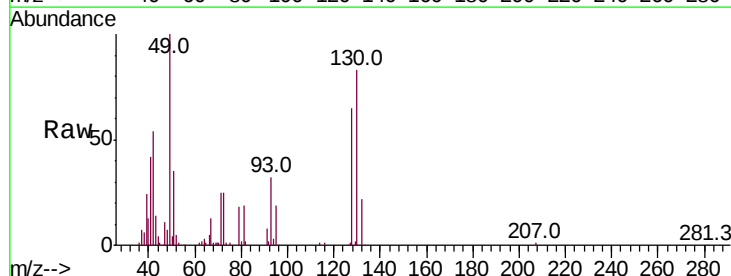
Tot Ion	96	Resp	259667
Ion	Ratio	Lower	Upper
96	100		
61	133.2	0.0	283.8
98	63.7	0.0	128.4

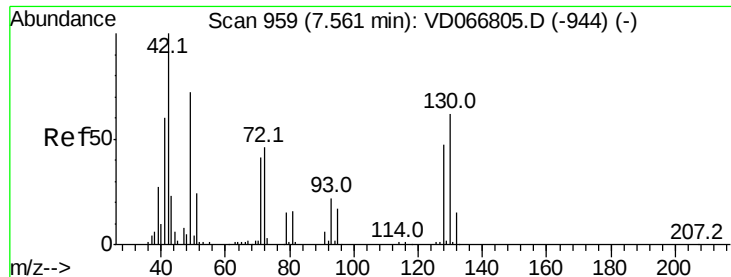


#28

Bromochloromethane
Concen: 55.406 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	49	Resp	172626
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.0#
130	88.6	65.9	98.9

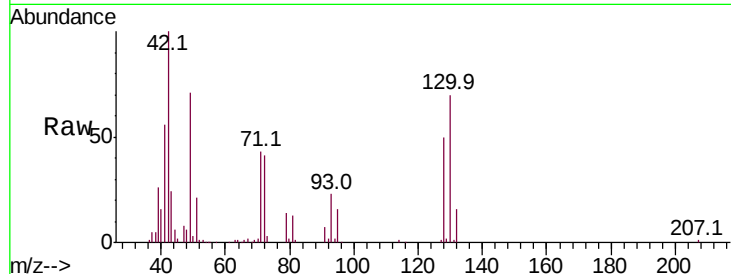




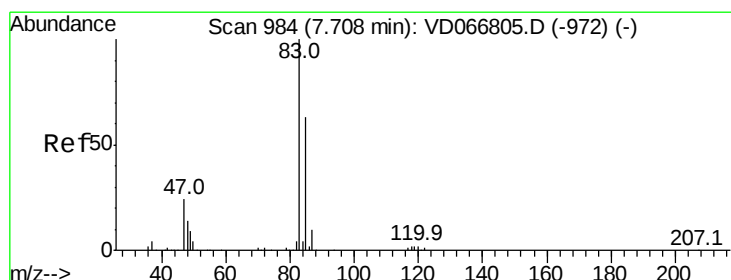
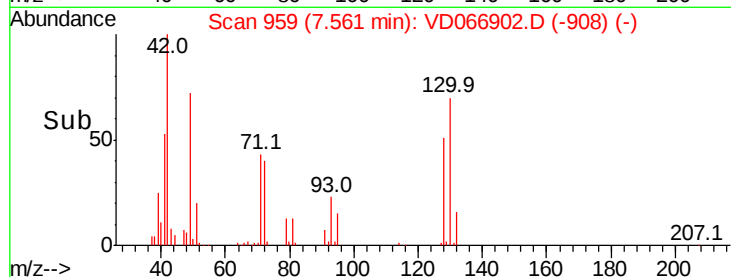
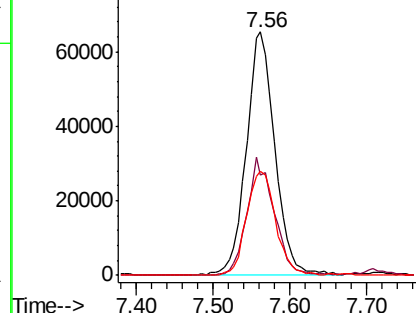
#29
Tetrahydrofuran
Concen: 279.214 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 170216
Ion Ratio Lower Upper
42 100
72 45.7 36.2 54.4
71 43.6 32.4 48.6

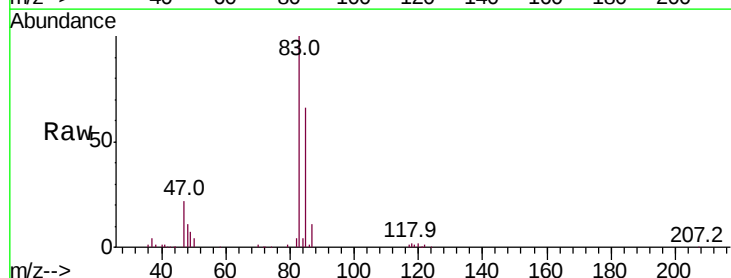


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

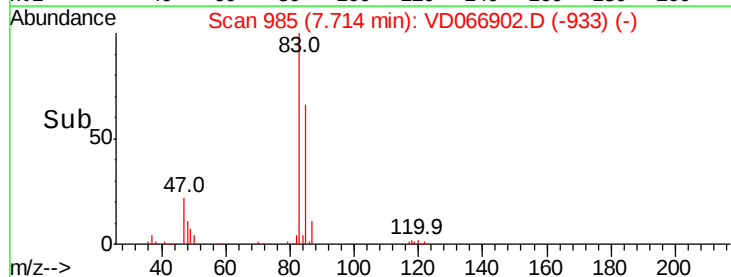
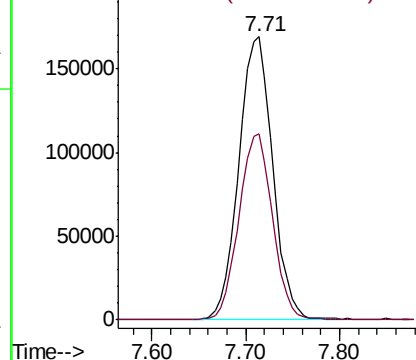


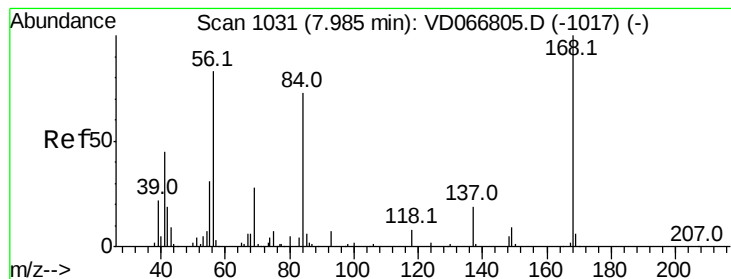
#30
Chloroform
Concen: 52.078 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 83 Resp: 423364
Ion Ratio Lower Upper
83 100
85 65.9 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: 42.038 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

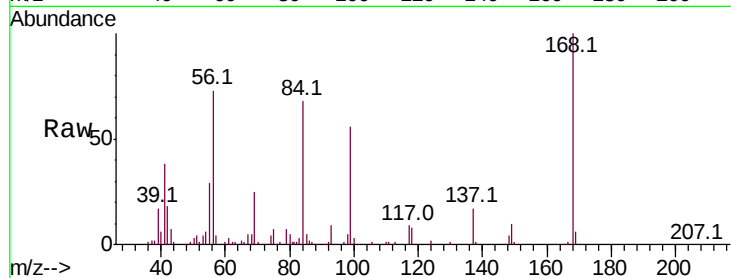
Tot Ion: 56 Resp: 285268

Ion Ratio Lower Upper

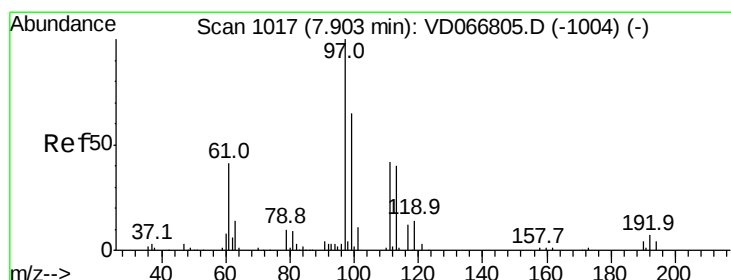
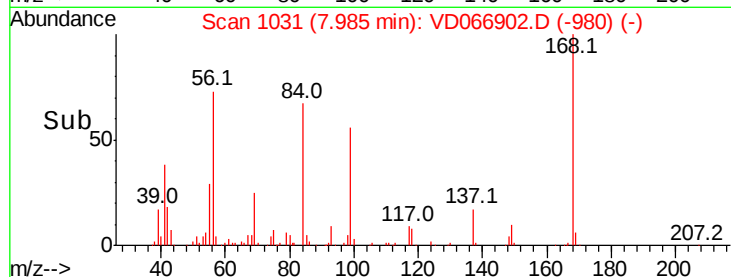
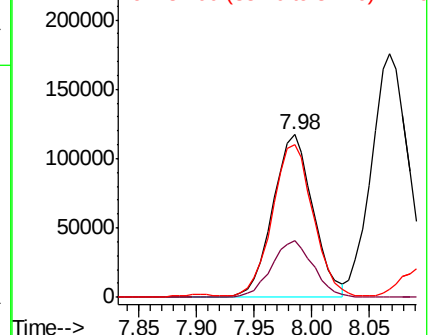
56 100

69 34.6 27.0 40.4

84 92.2 70.2 105.4



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



#32

1,1,1-Trichloroethane

Concen: 50.111 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

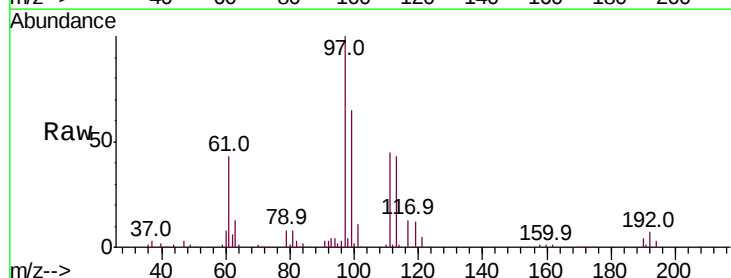
Tgt Ion: 97 Resp: 368518

Ion Ratio Lower Upper

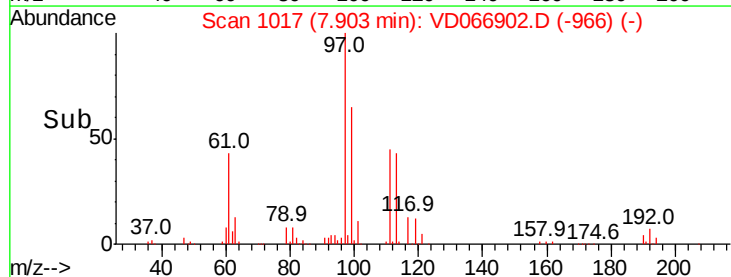
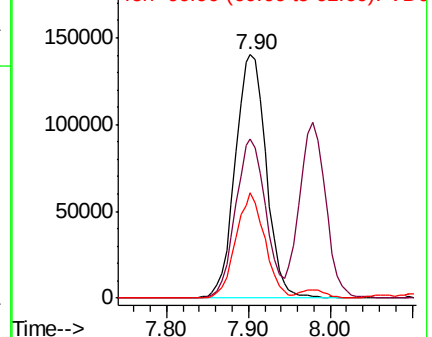
97 100

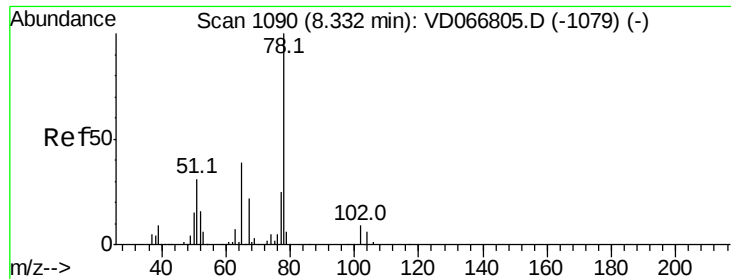
99 64.2 51.5 77.3

61 40.7 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

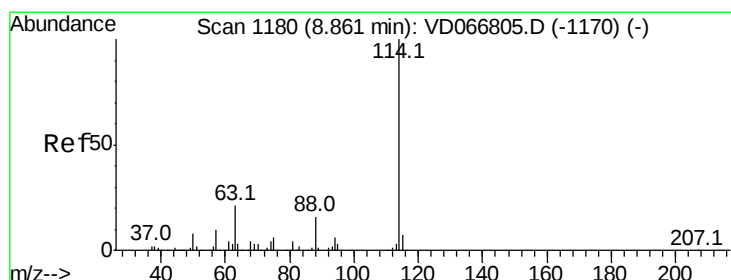
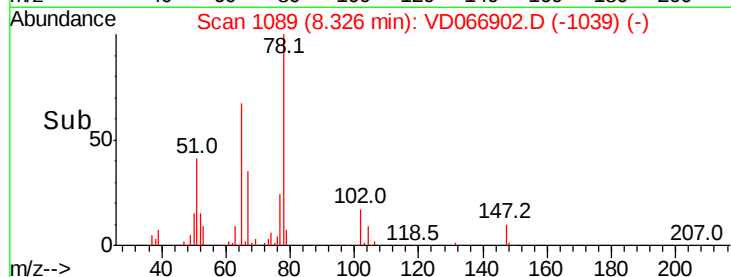
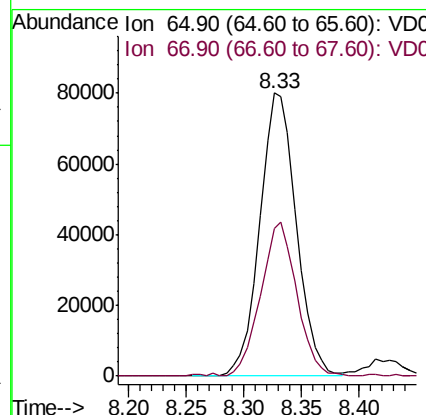
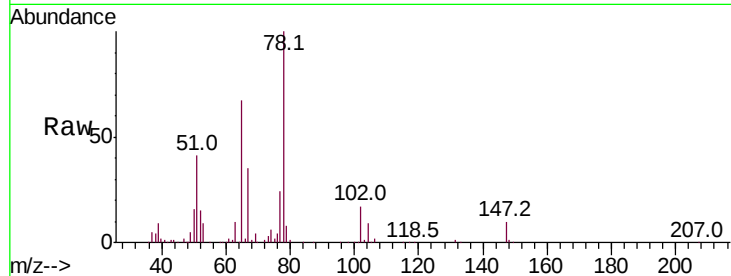




#33
 1,2-Dichloroethane-d4
 Concen: 47.401 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

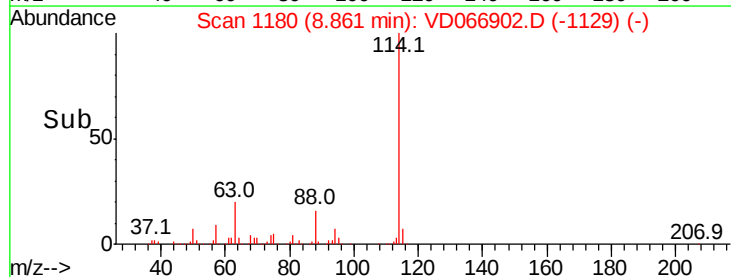
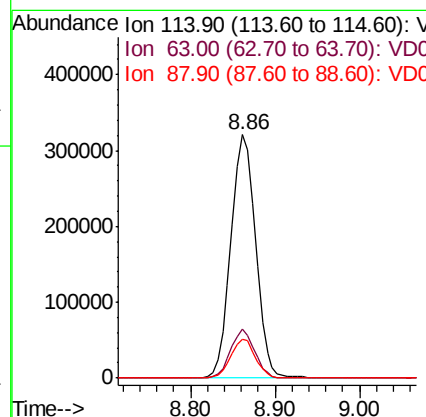
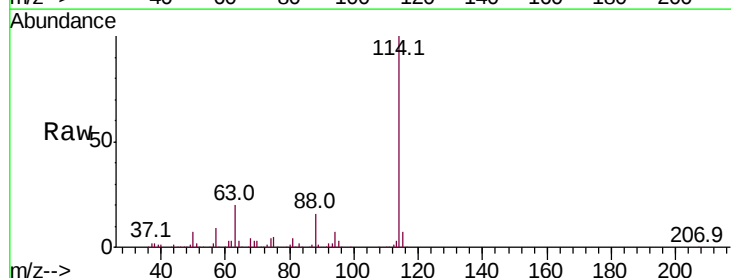
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

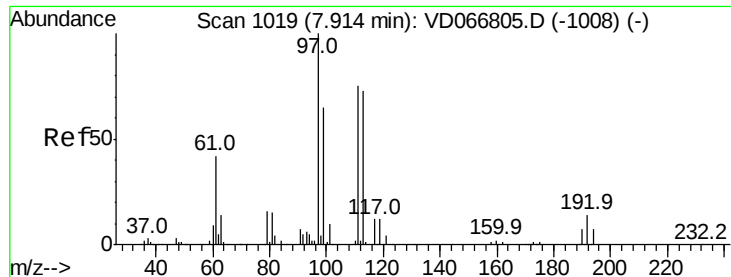
Tot Ion: 65 Resp: 176907
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion: 114 Resp: 650712
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.6
 88 15.7 0.0 32.6

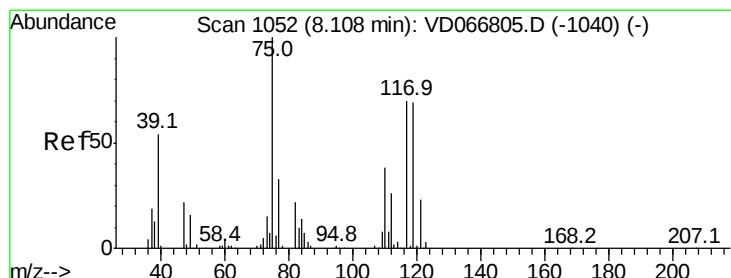
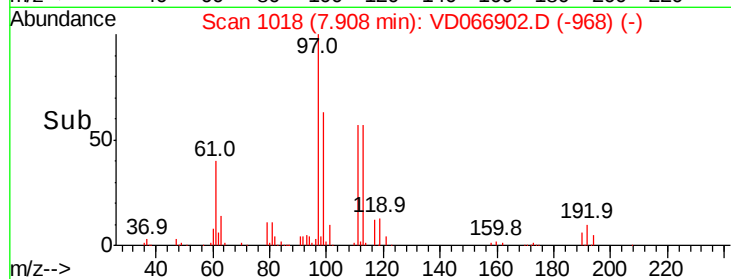
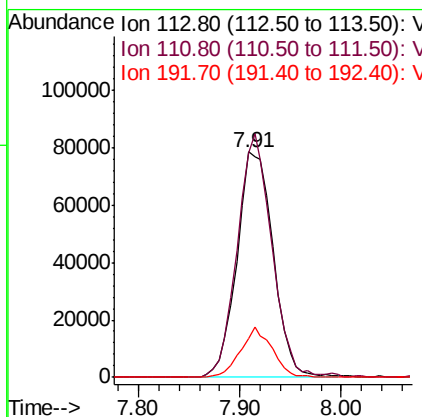
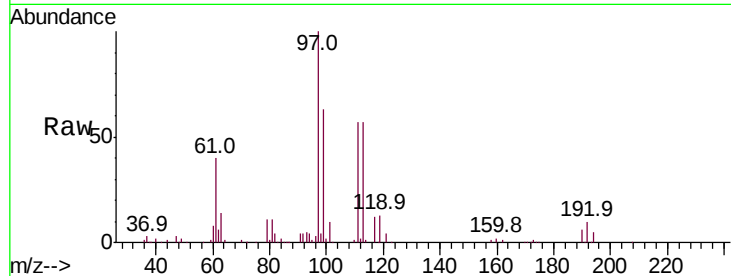




#35
 Dibromofluoromethane
 Concen: 47.234 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

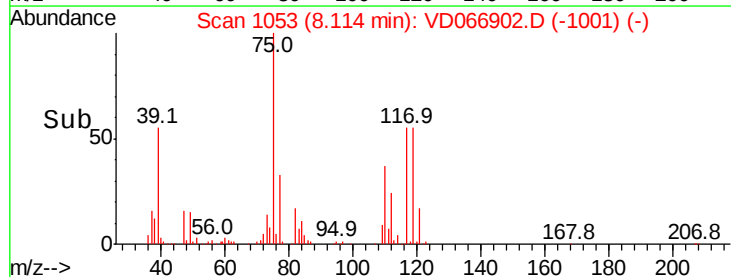
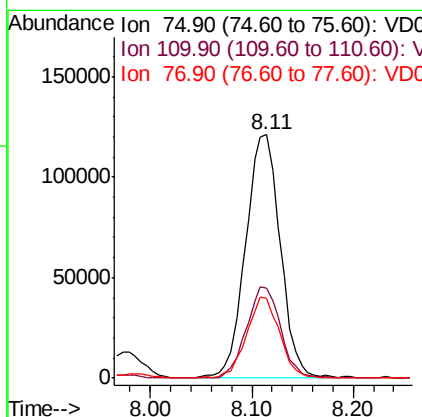
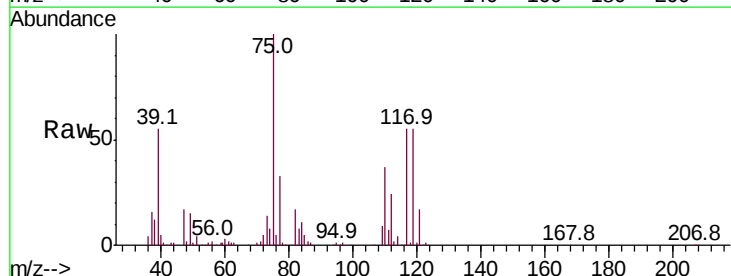
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

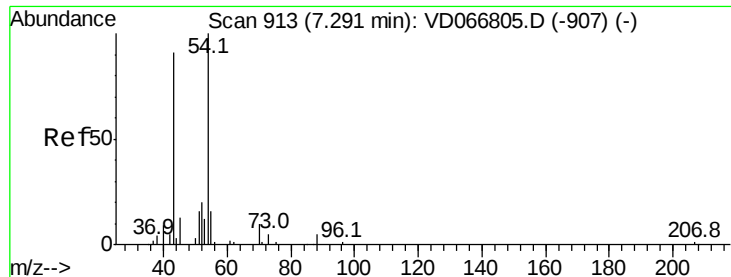
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	19.4	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 44.395 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	17.9	53.8
77	32.3	25.0	37.6

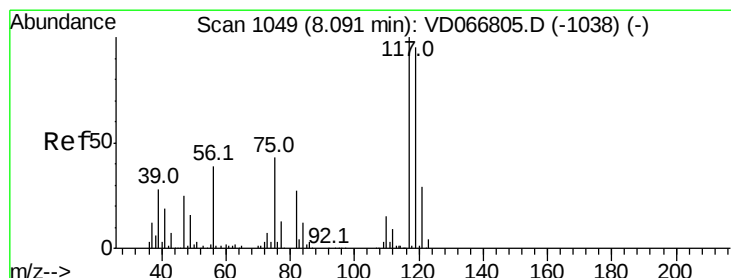
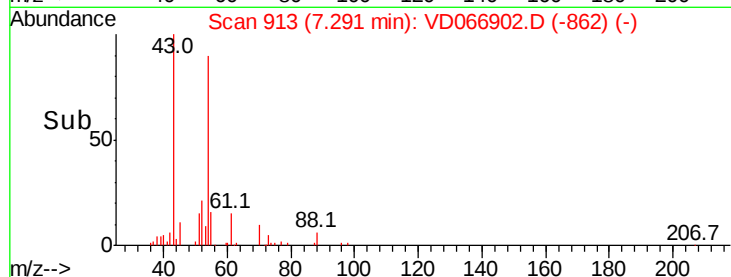
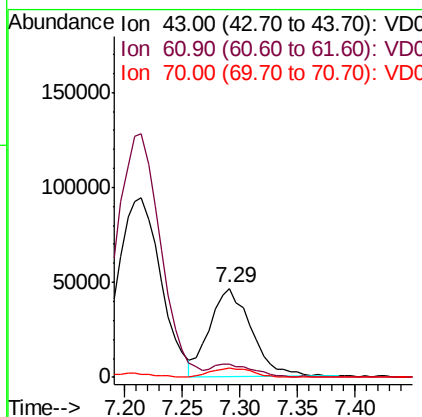
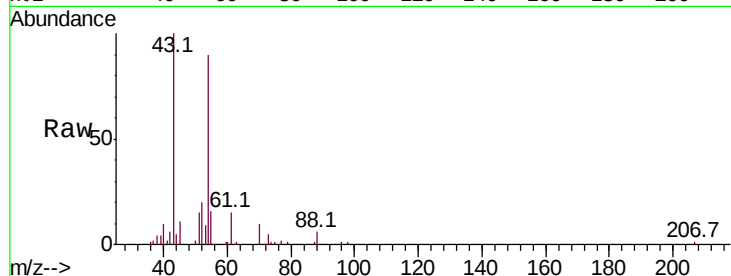




#37
Ethyl Acetate
Concen: 49.725 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

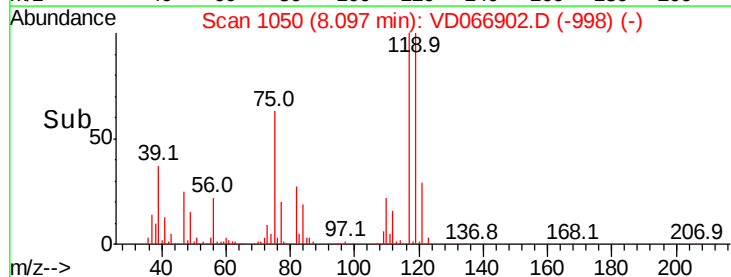
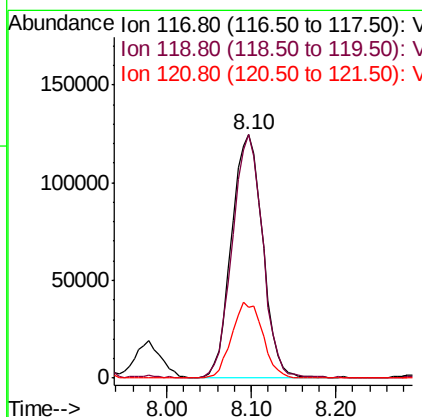
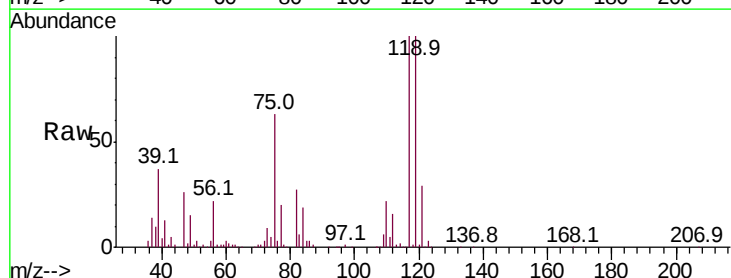
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

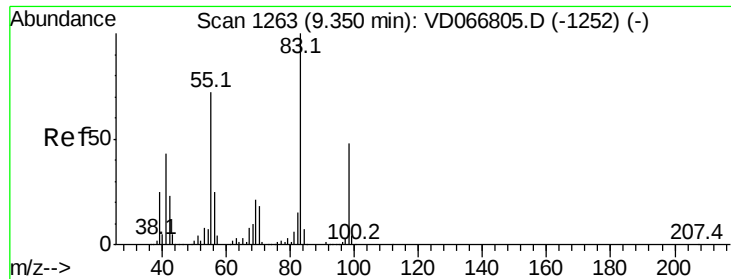
Tot Ion: 43 Resp: 116045
Ion Ratio Lower Upper
43 100
61 14.1 9.8 14.8
70 10.8 8.5 12.7



#38
Carbon Tetrachloride
Concen: 44.786 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 117 Resp: 316089
Ion Ratio Lower Upper
117 100
119 100.3 75.8 113.8
121 29.3 23.4 35.0

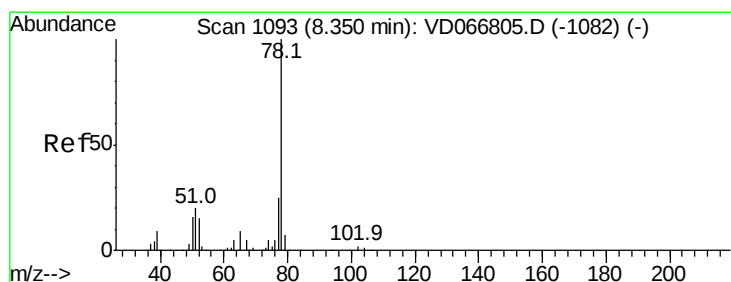
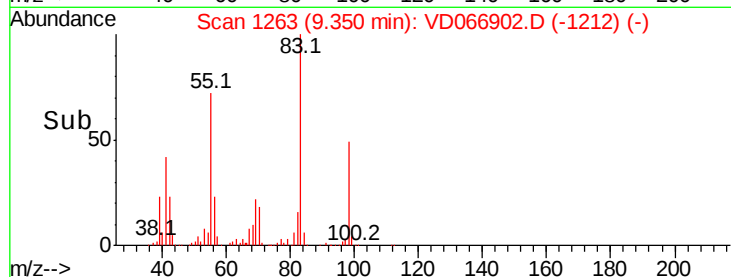
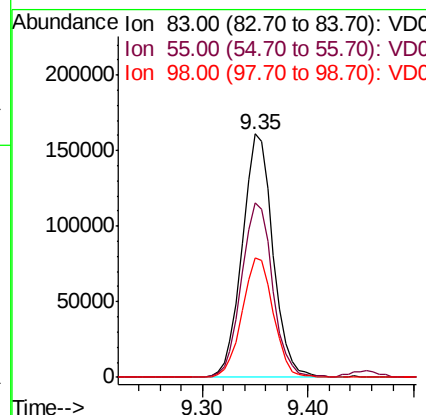
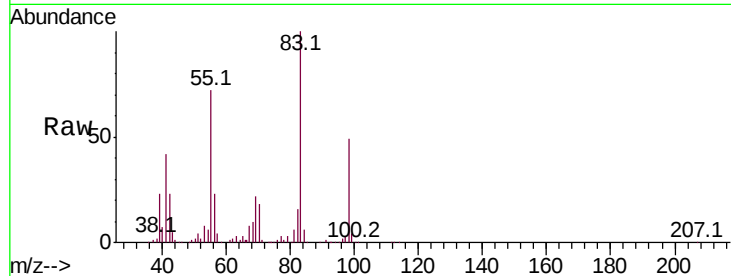




#39
Methvlcvclohexane
Concen: 43.856 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

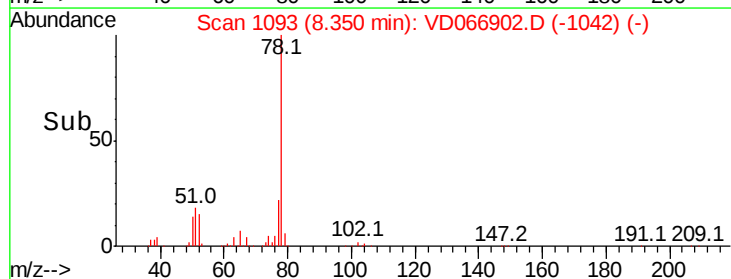
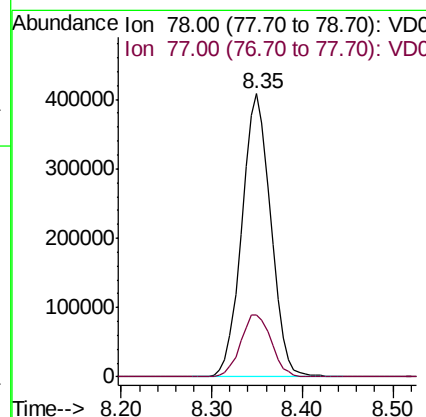
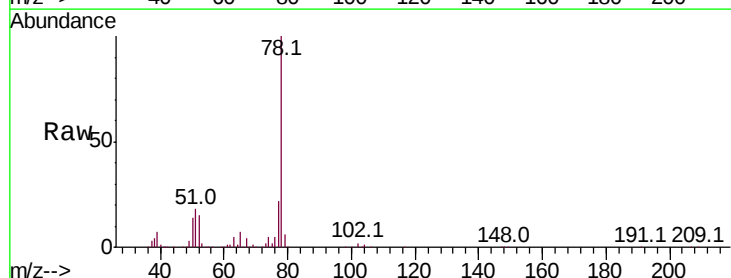
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

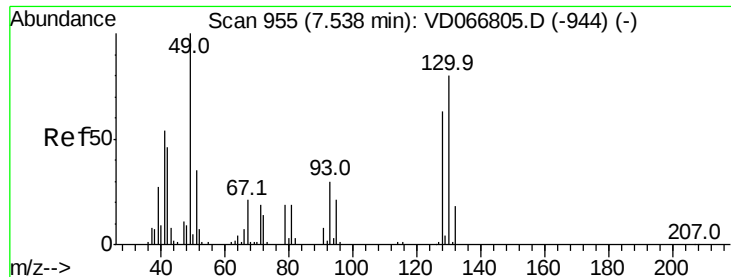
Tot Ion: 83 Resp: 325056
Ion Ratio Lower Upper
83 100
55 71.6 57.7 86.5
98 49.1 38.4 57.6



#40
Benzene
Concen: 50.415 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 78 Resp: 907045
Ion Ratio Lower Upper
78 100
77 21.8 19.9 29.9

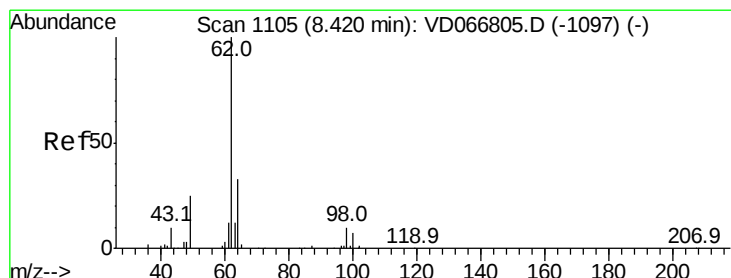
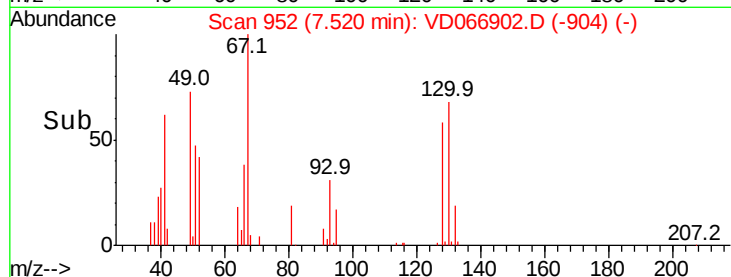
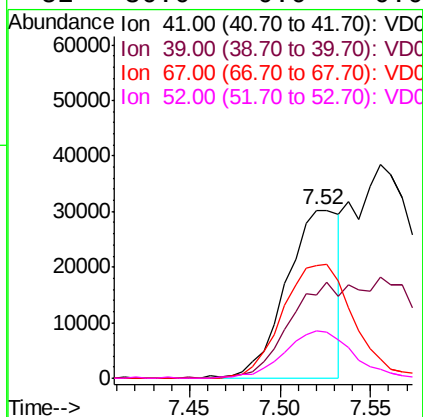
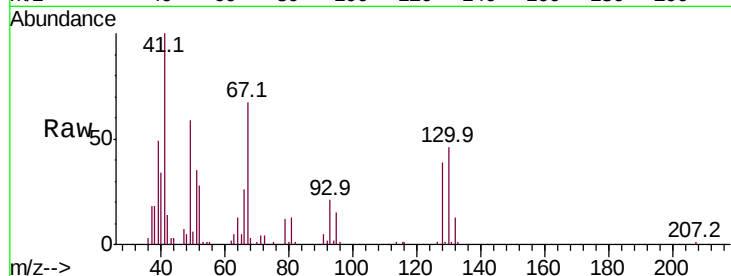




#41
Methacrylonitrile
Concen: 43.307 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

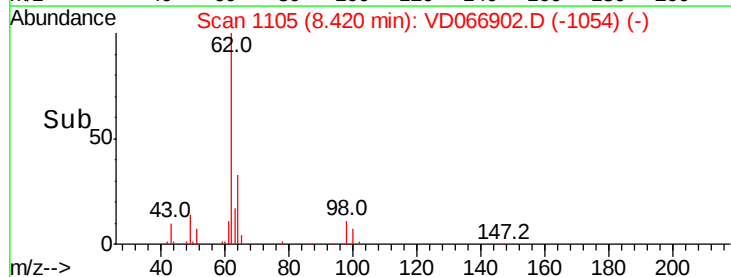
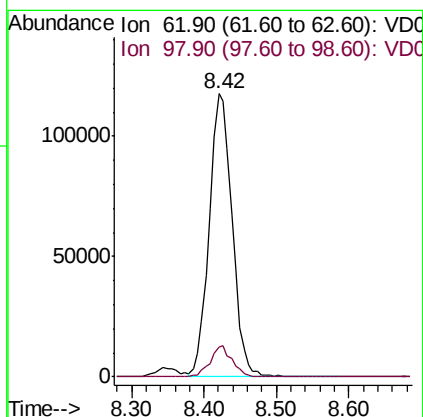
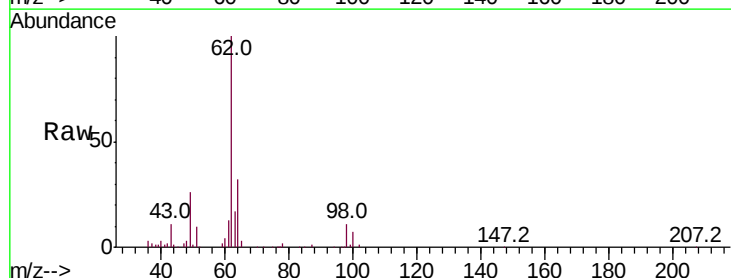
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

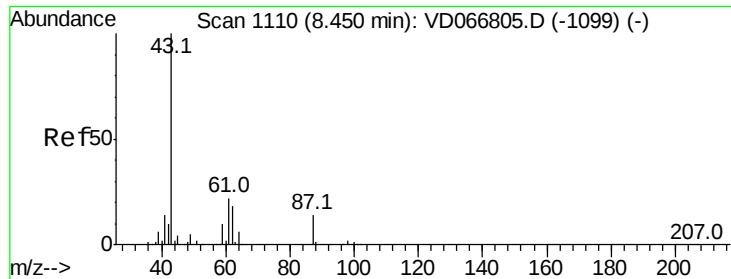
Tot Ion: 41 Resp: 62154
Ion Ratio Lower Upper
41 100
39 53.2 0.0 0.0#
67 90.0 0.0 0.0#
52 36.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.781 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 62 Resp: 259453
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 50.752 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

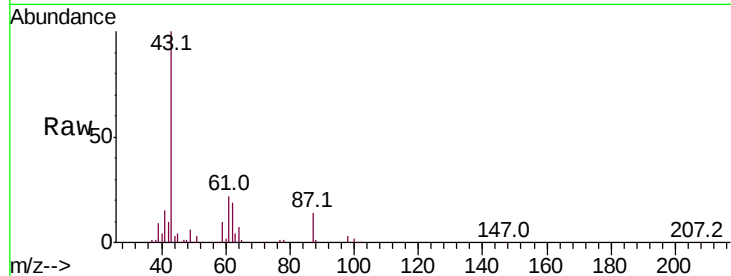
Tot Ion: 43 Resp: 228352

Ion Ratio Lower Upper

43 100

61 33.1 26.2 39.4

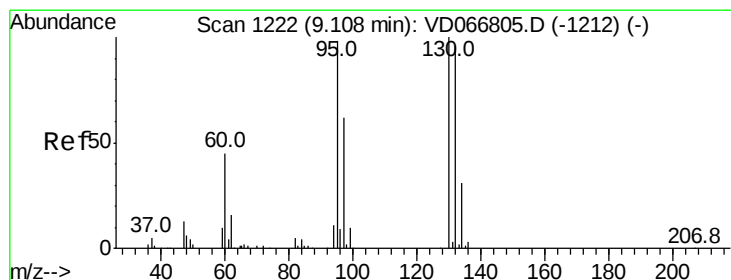
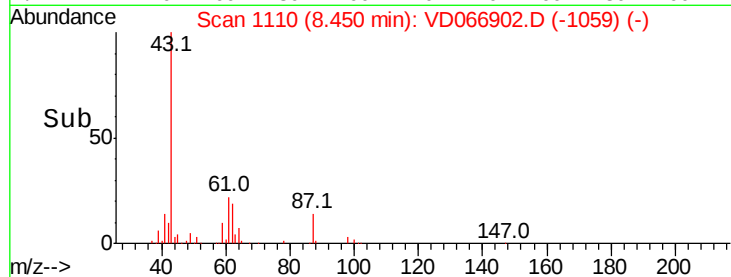
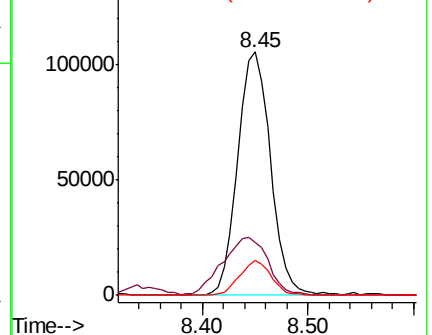
87 13.8 11.5 17.3



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: 48.577 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066902.D

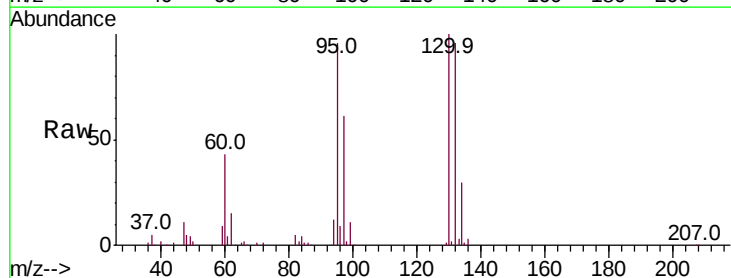
Acq: 26 Sep 2020 05:50

Tgt Ion: 130 Resp: 249114

Ion Ratio Lower Upper

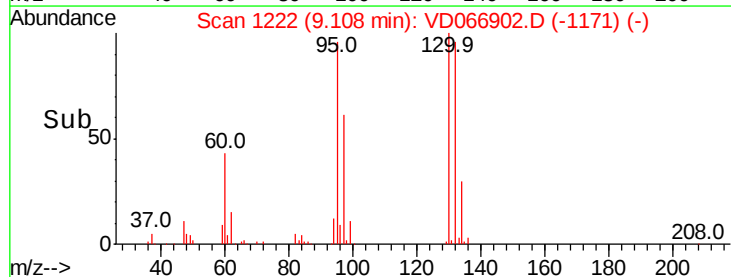
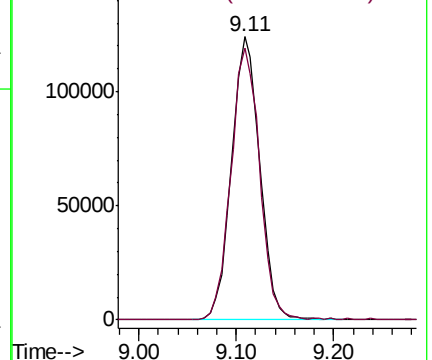
130 100

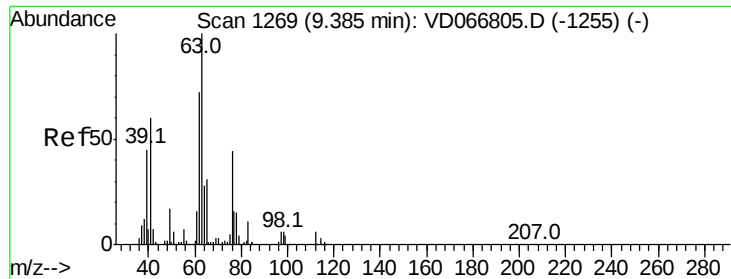
95 95.9 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.464 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

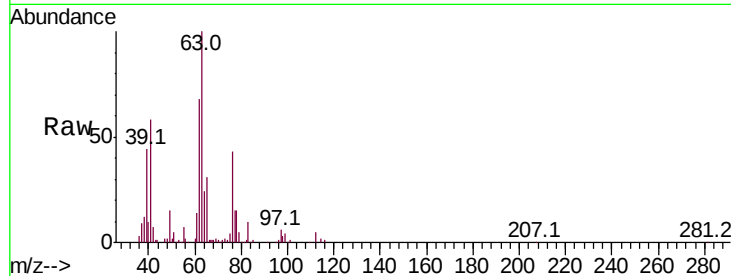
VSTDCCC050EC

Tot Ion: 63 Resp: 228437

Ion Ratio Lower Upper

63 100

65 31.4 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

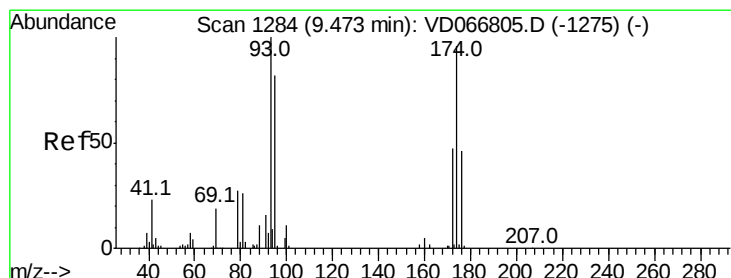
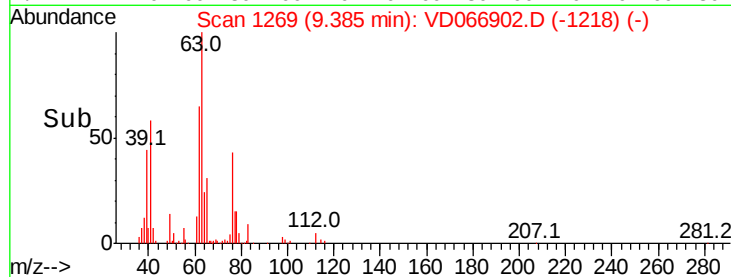
40000

20000

0

Time-->

9.30 9.40 9.50



#46

Dibromomethane

Concen: 50.878 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

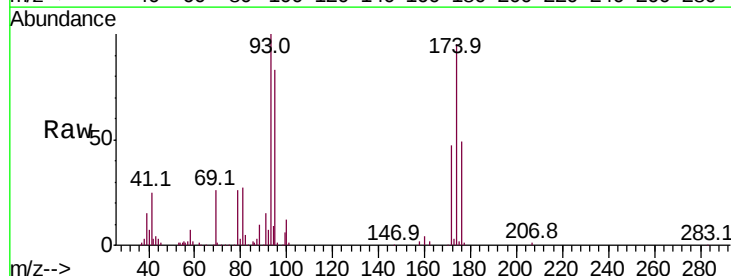
Tgt Ion: 93 Resp: 125133

Ion Ratio Lower Upper

93 100

95 85.7 65.3 97.9

174 101.0 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

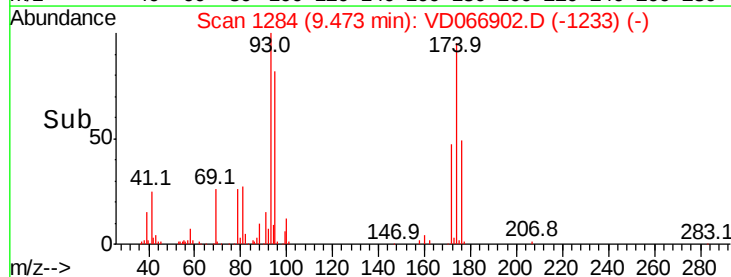
40000

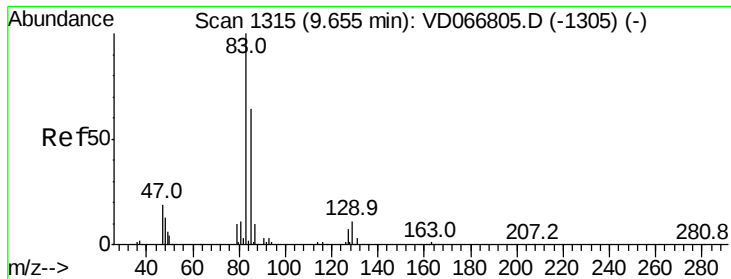
20000

0

Time-->

9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 50.001 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

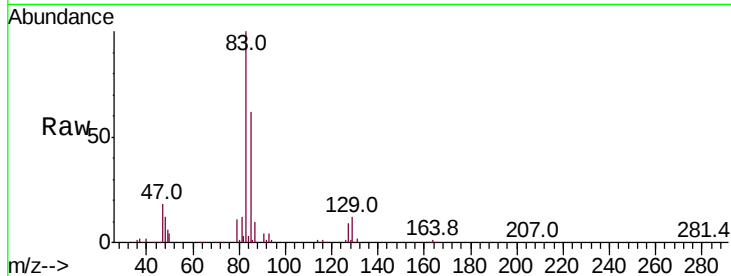
Tot Ion: 83 Resp: 330356

Ion Ratio Lower Upper

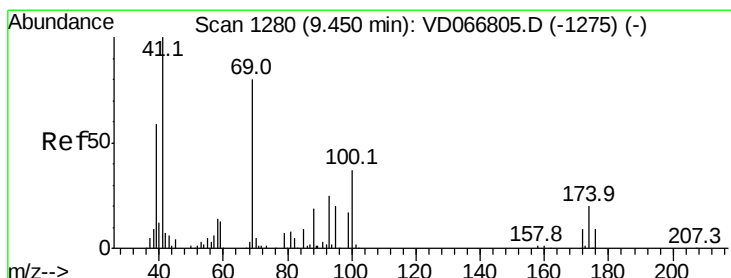
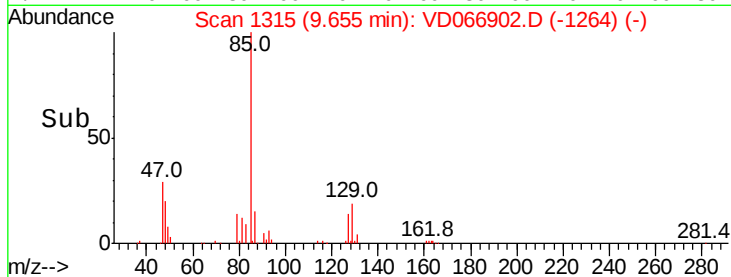
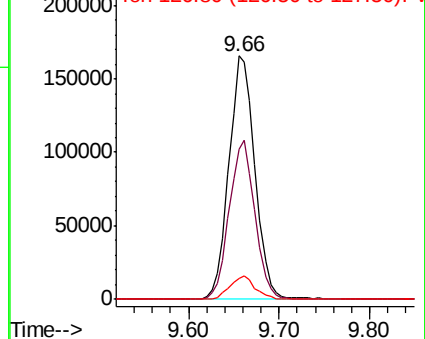
83 100

85 61.7 50.9 76.3

127 8.6 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): VDC



#48

Methyl methacrylate

Concen: 50.193 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

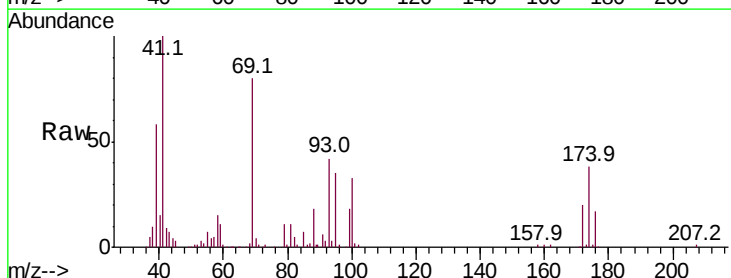
Tgt Ion: 41 Resp: 111346

Ion Ratio Lower Upper

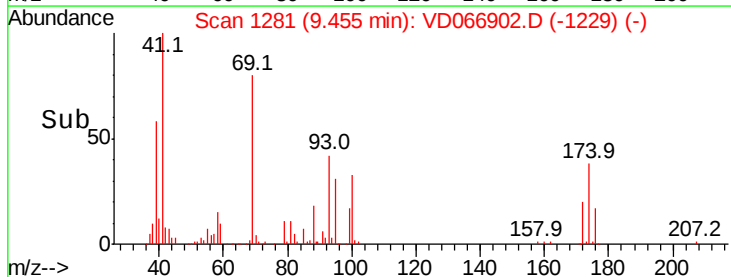
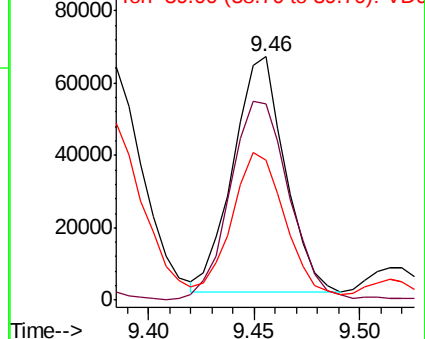
41 100

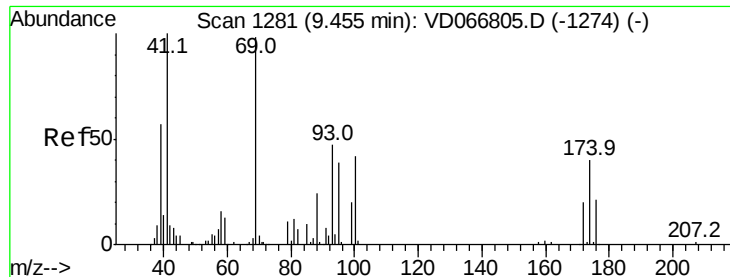
69 96.9 74.5 111.7

39 66.3 47.0 70.6



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





#49

1,4-Dioxane

Concen: 1016.902 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

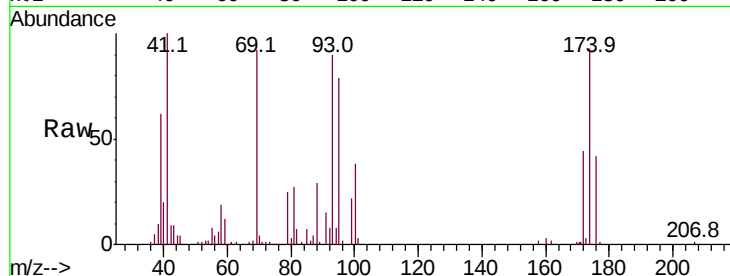
Tot Ion: 88 Resp: 28314

Ion Ratio Lower Upper

88 100

43 31.1 27.7 41.5

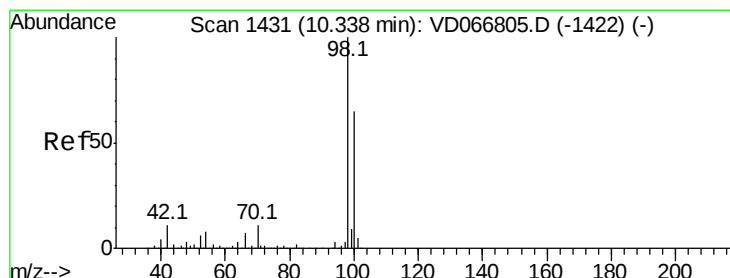
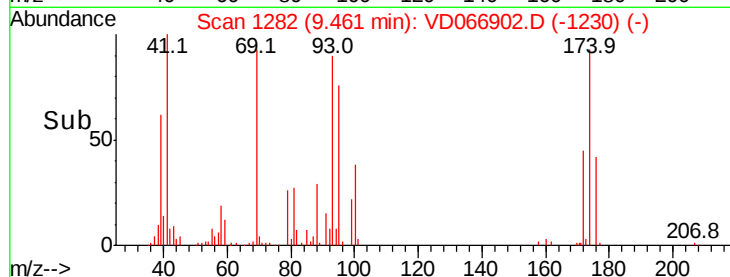
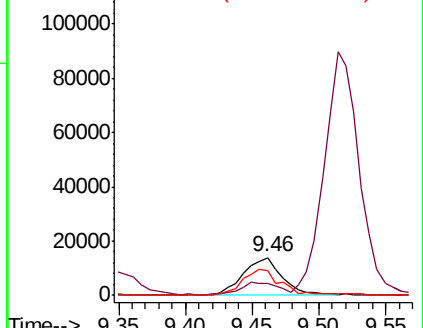
58 66.5 55.5 83.3



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: 48.723 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066902.D

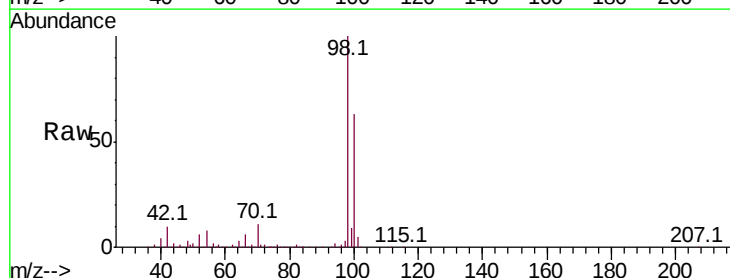
Acq: 26 Sep 2020 05:50

Tgt Ion: 98 Resp: 687238

Ion Ratio Lower Upper

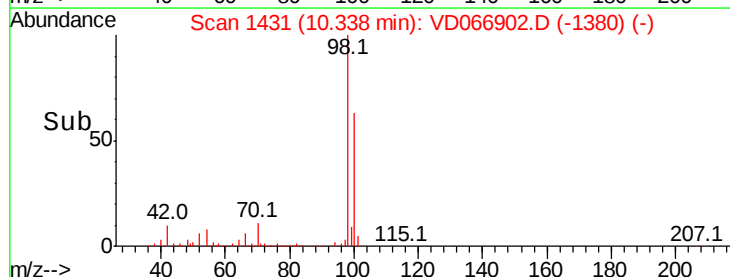
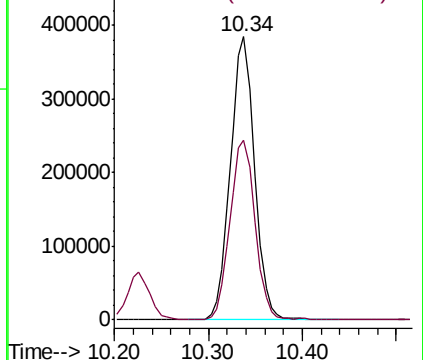
98 100

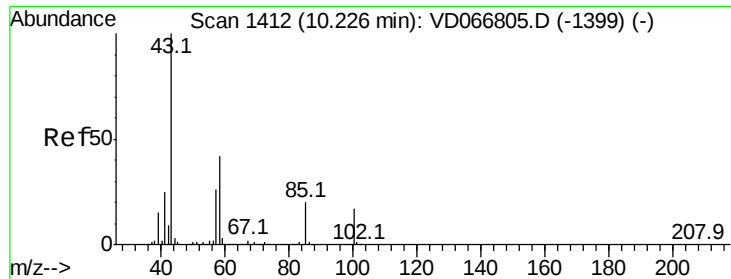
100 65.2 52.2 78.2



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: 265.500 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

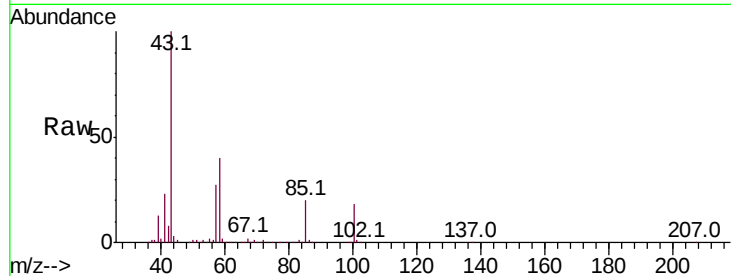
VSTDCCC050EC

Tot Ion: 43 Resp: 605298

Ion Ratio Lower Upper

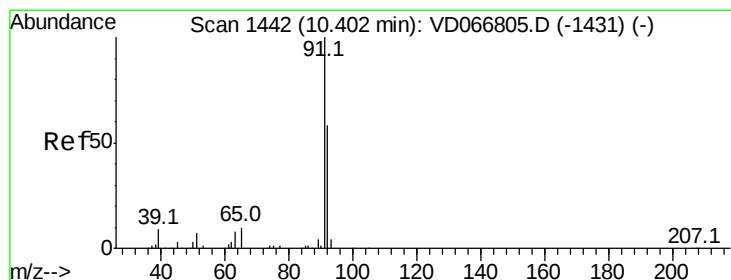
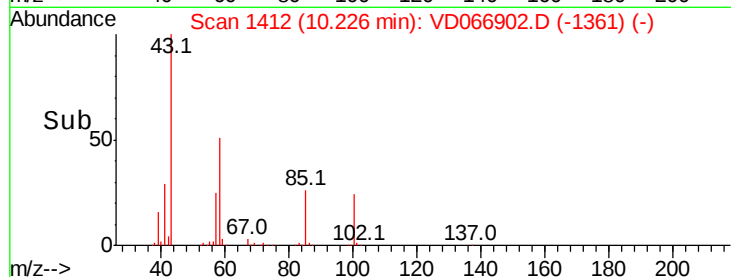
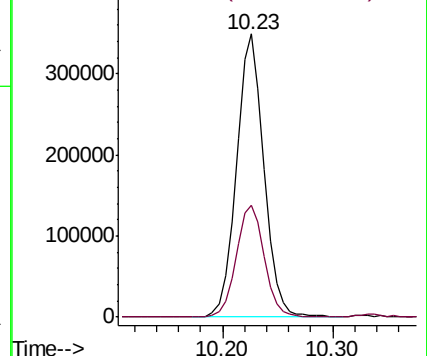
43 100

58 40.6 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 51.954 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066902.D

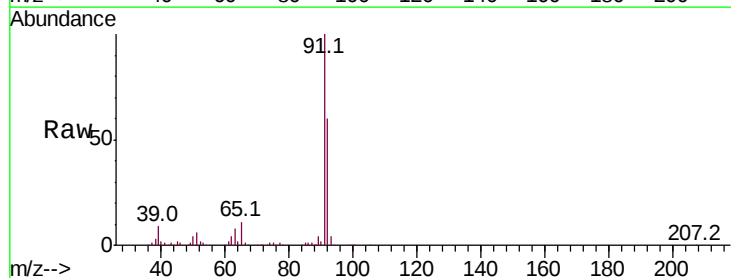
Acq: 26 Sep 2020 05:50

Tgt Ion: 92 Resp: 602098

Ion Ratio Lower Upper

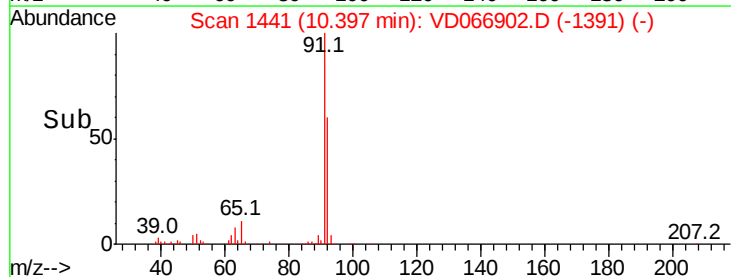
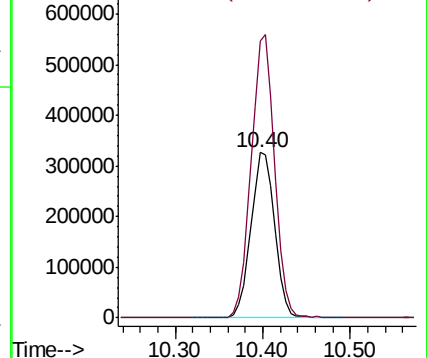
92 100

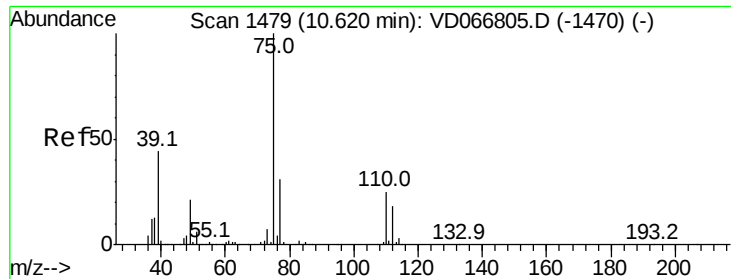
91 168.7 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 50.816 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

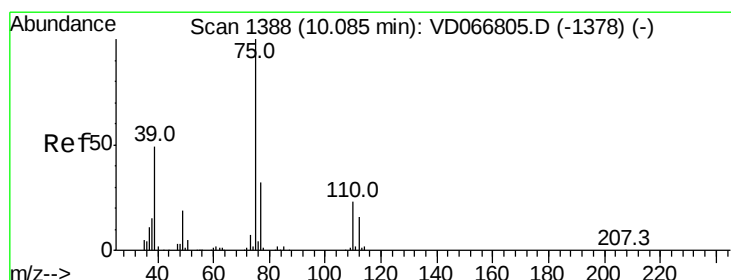
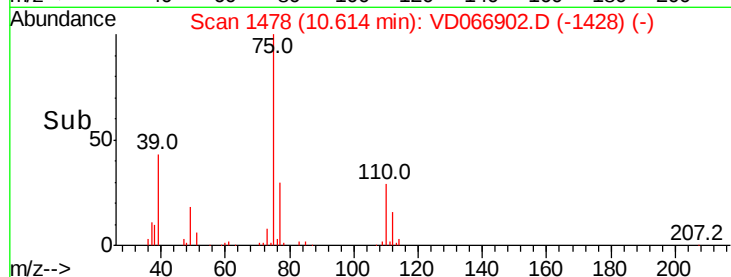
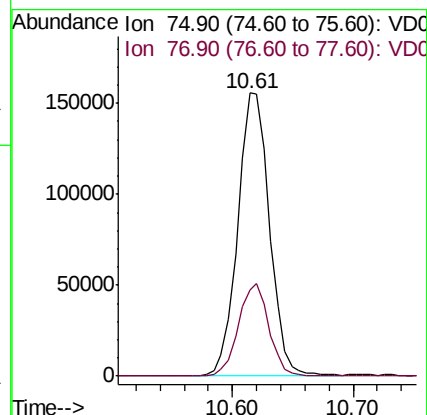
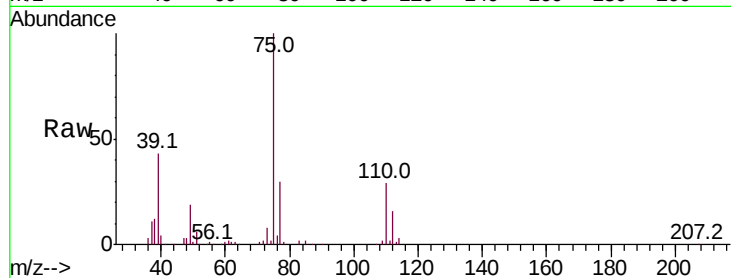
VSTDCCC050EC

Tot Ion: 75 Resp: 285761

Ion Ratio Lower Upper

75 100

77 30.4 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 50.674 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

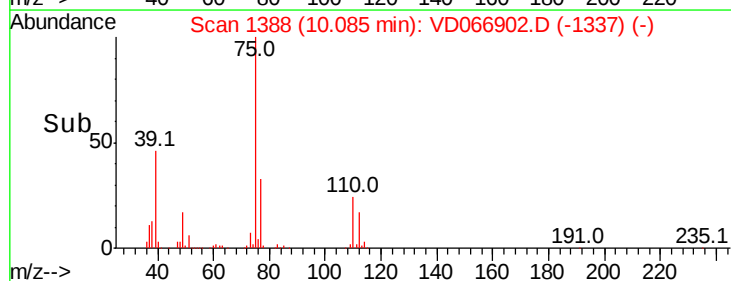
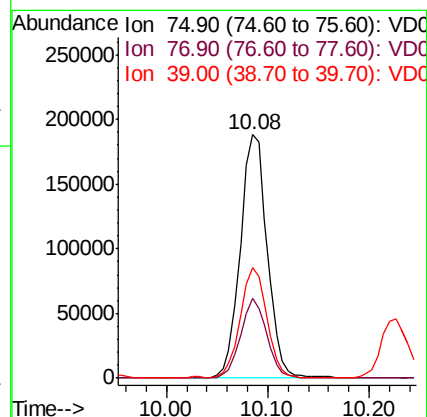
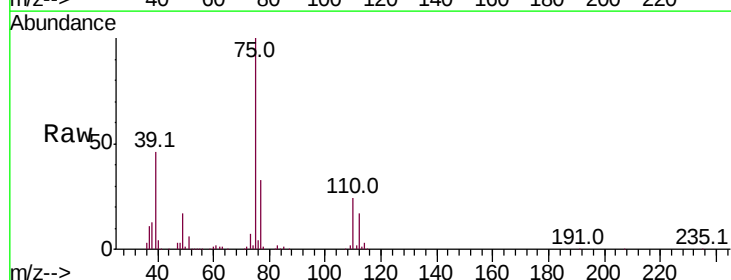
Tgt Ion: 75 Resp: 347461

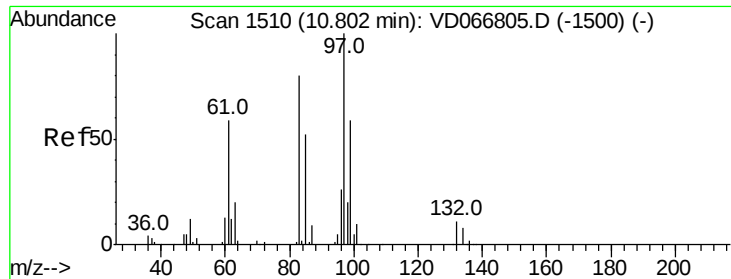
Ion Ratio Lower Upper

75 100

77 32.9 25.6 38.4

39 45.4 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 51.906 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

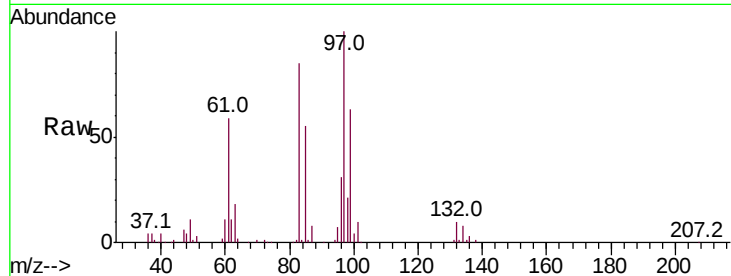
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 175497

Ion	Ratio	Lower	Upper
97	100		
83	84.9	64.2	96.2
85	55.2	41.9	62.9
99	62.8	47.5	71.3

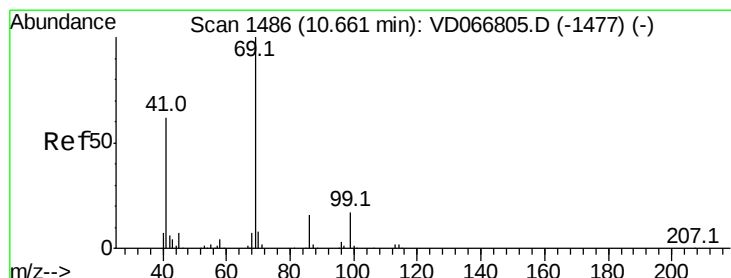
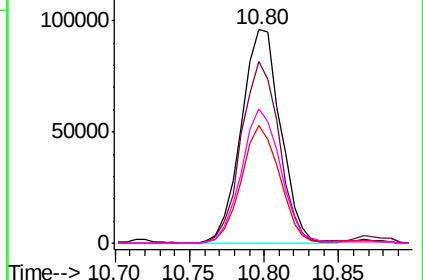
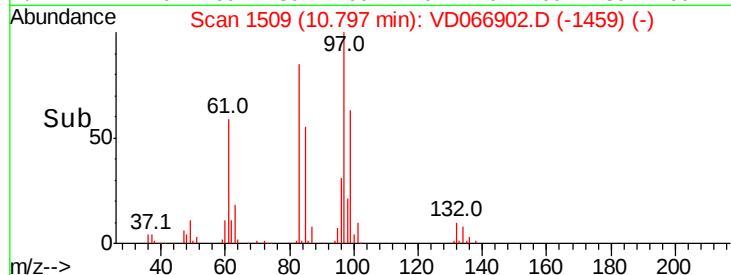


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 56.794 ug/l

RT: 10.66 min Scan# 1485

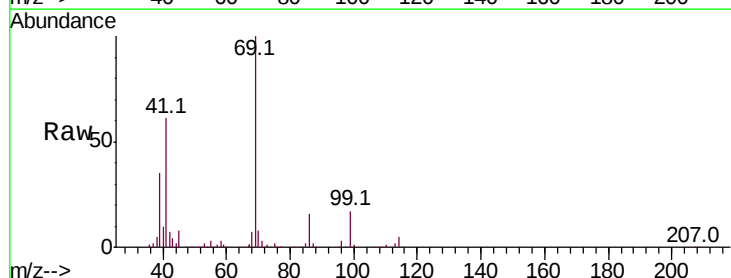
Delta R.T. -0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Tgt Ion: 69 Resp: 205711

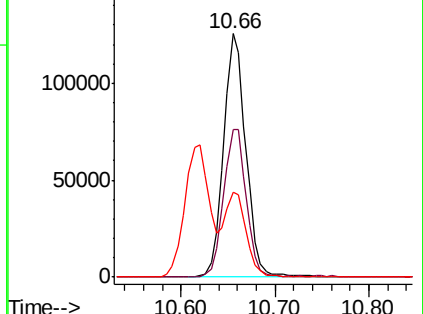
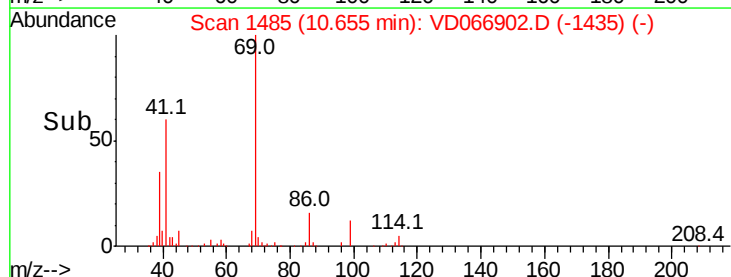
Ion	Ratio	Lower	Upper
69	100		
41	61.7	52.2	78.2
39	34.8	26.6	40.0

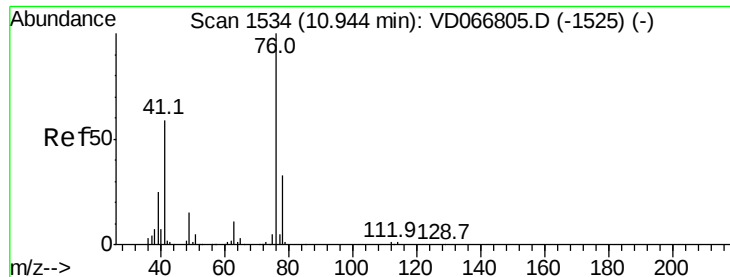


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 51.621 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

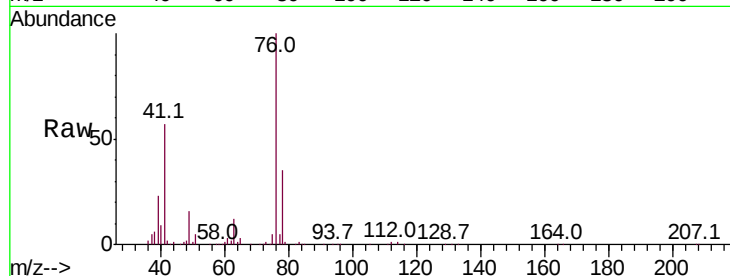
VSTDCCC050EC

Tot Ion: 76 Resp: 288198

Ion Ratio Lower Upper

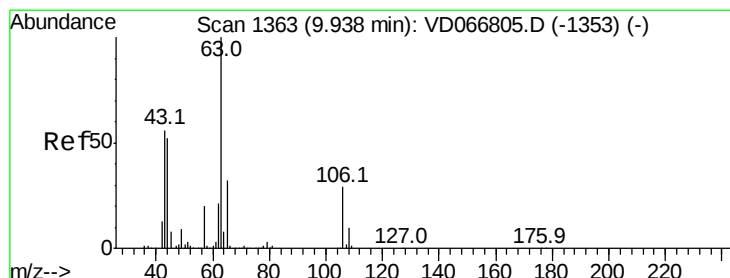
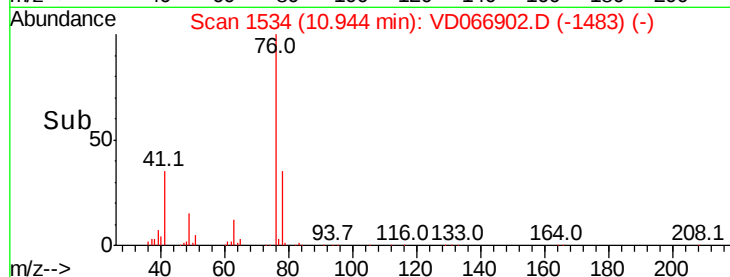
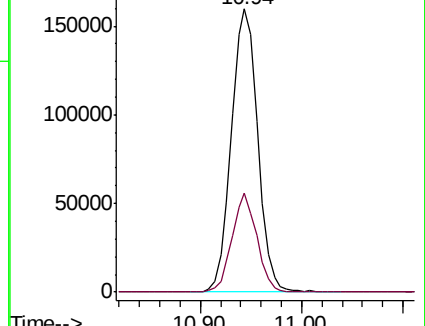
76 100

78 32.7 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 241.451 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066902.D

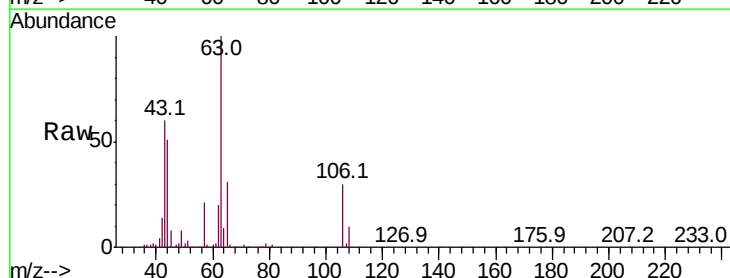
Acq: 26 Sep 2020 05:50

Tgt Ion: 63 Resp: 414095

Ion Ratio Lower Upper

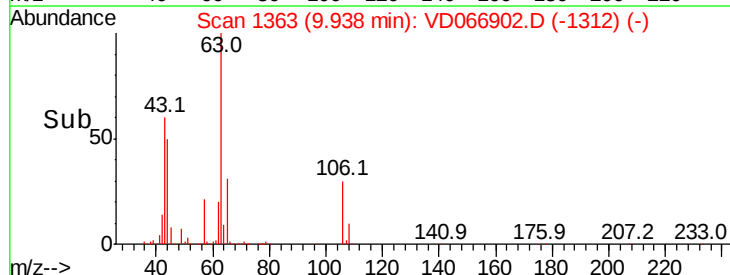
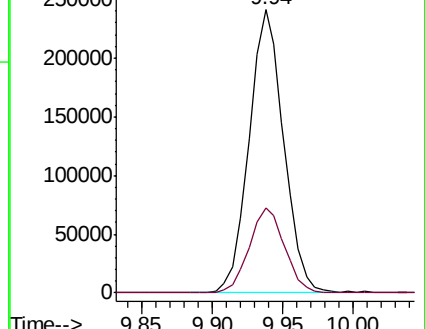
63 100

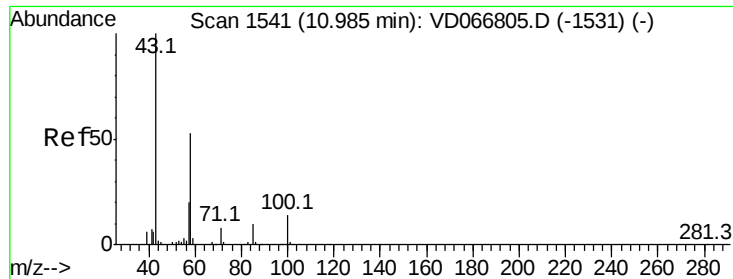
106 30.8 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

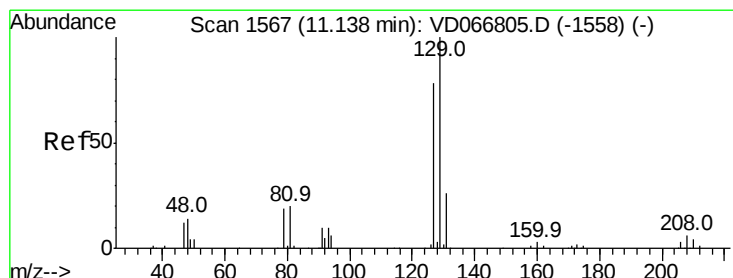
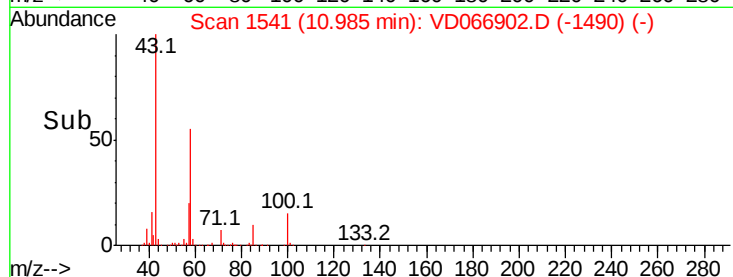
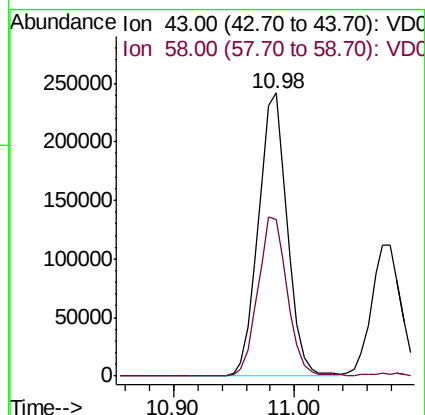
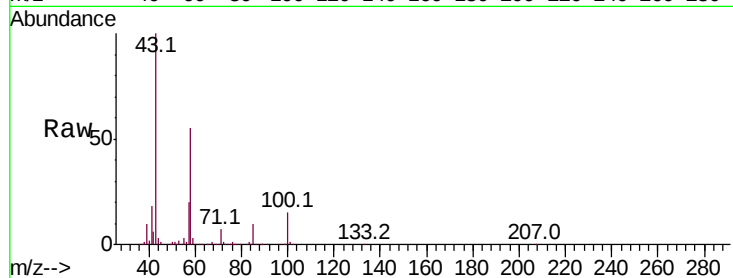




#59
2-Hexanone
Concen: 262.508 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

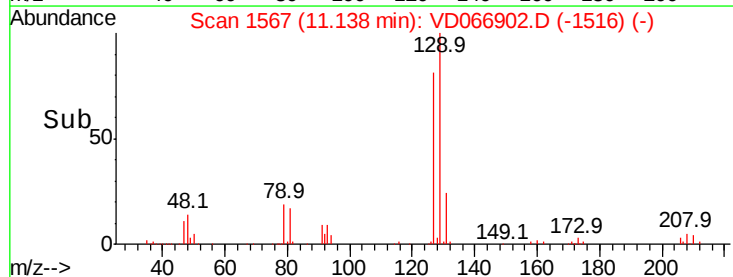
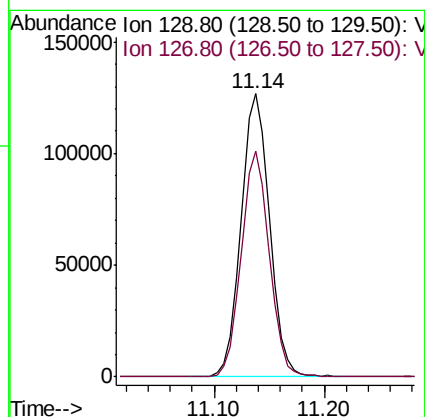
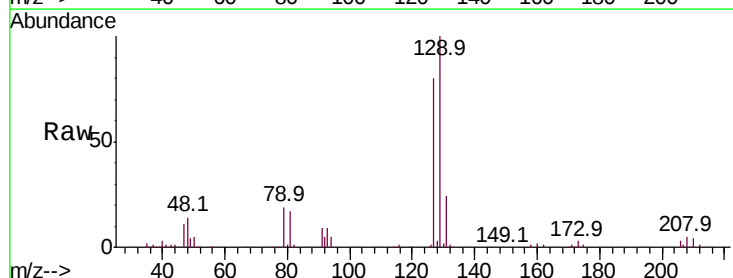
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

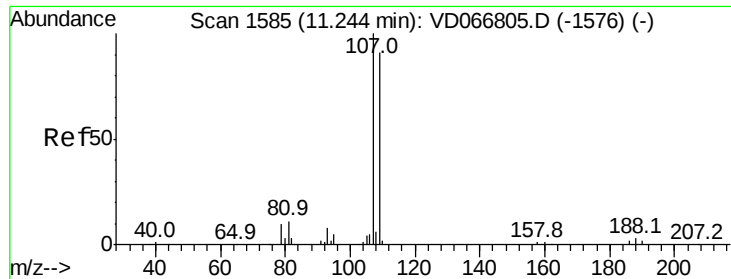
Tot Ion: 43 Resp: 403598
Ion Ratio Lower Upper
43 100
58 57.2 27.0 80.8



#60
Dibromochloromethane
Concen: 52.266 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 129 Resp: 230637
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

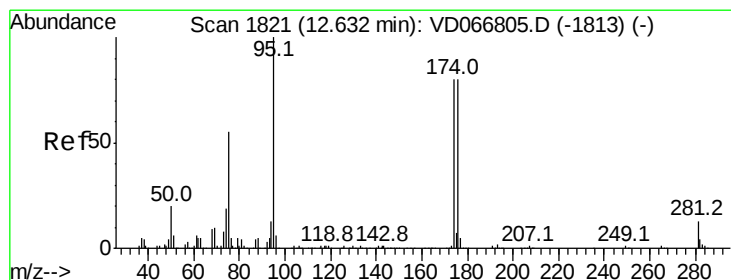
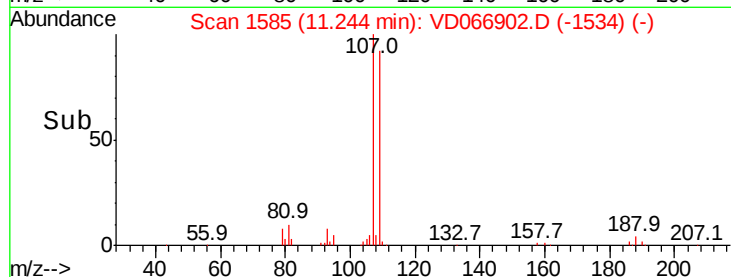
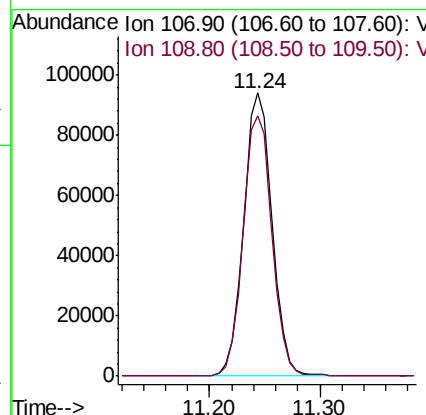
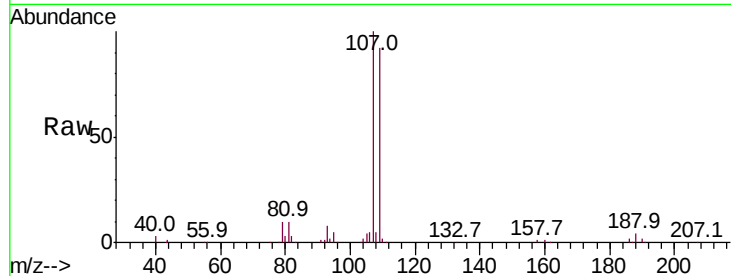




#61
 1,2-Dibromoethane
 Concen: 53.944 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

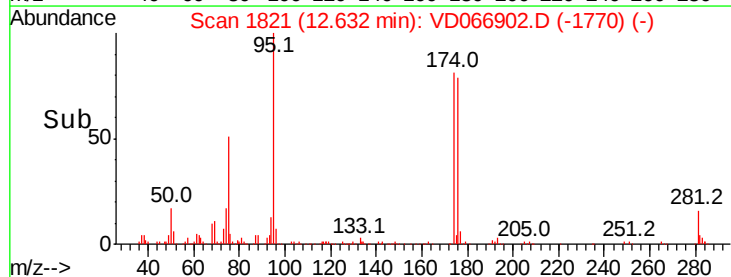
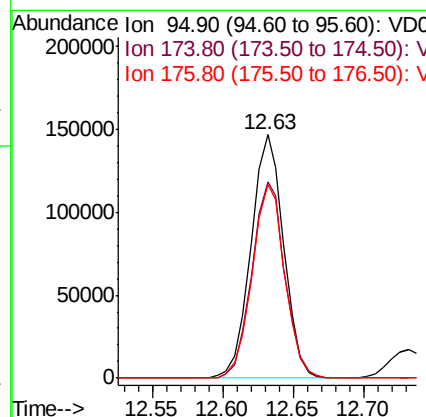
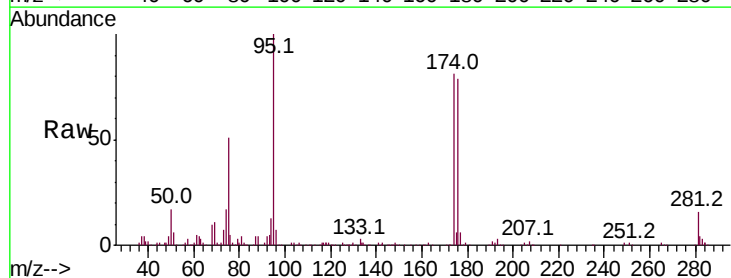
Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

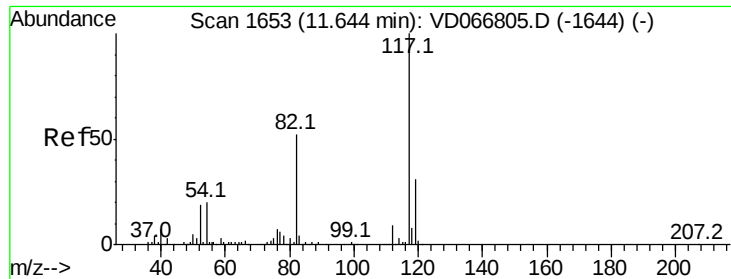
Tot Ion:107 Resp: 169643
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 49.287 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion: 95 Resp: 237989
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 159.8
 176 79.4 0.0 154.4

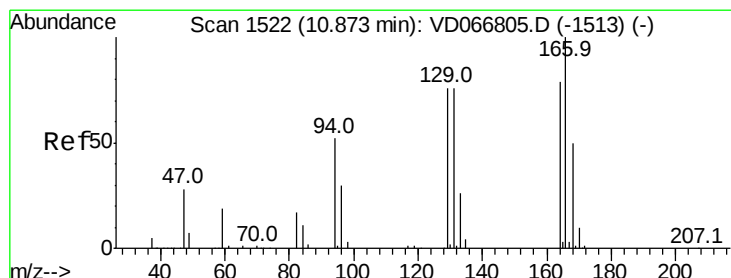
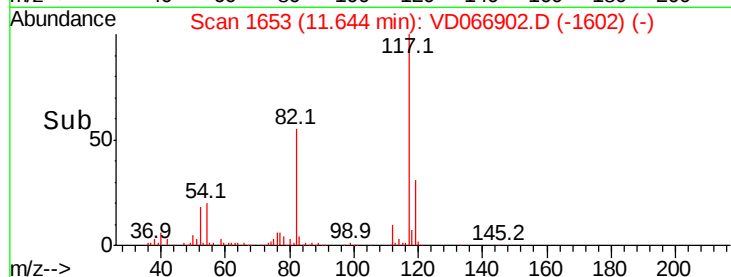
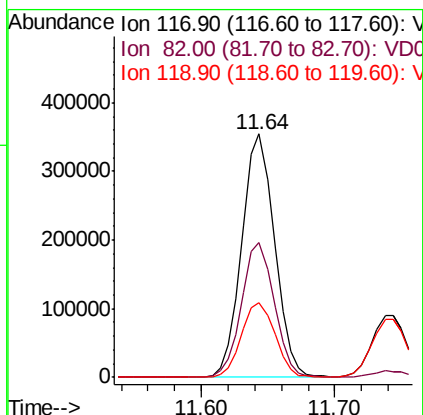
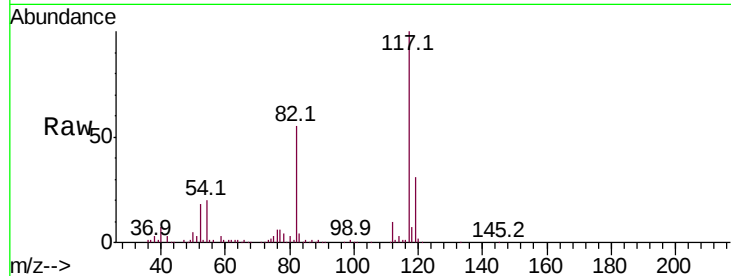




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

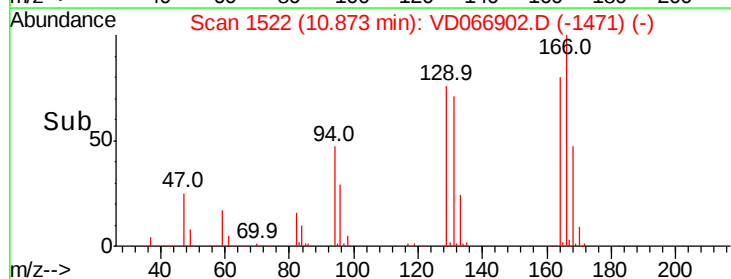
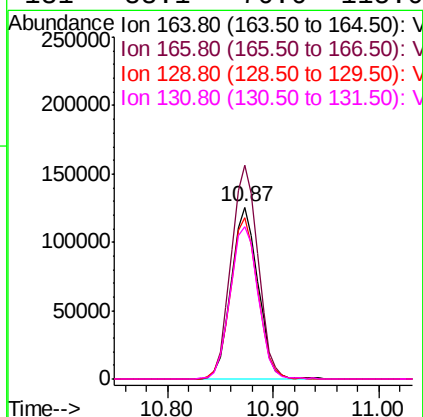
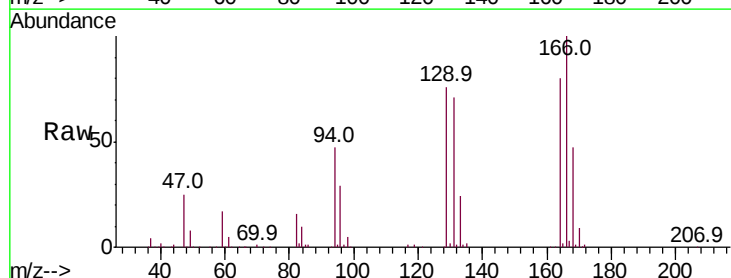
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

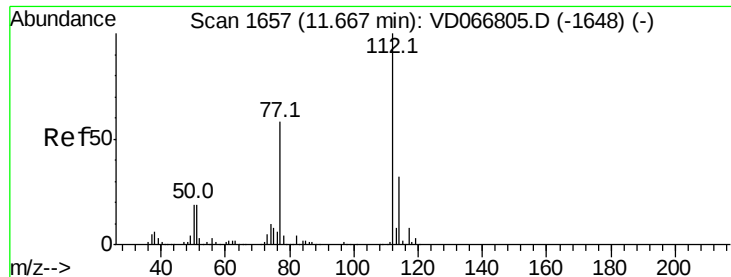
Tot Ion:117 Resp: 604835
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.6
119 30.7 24.6 37.0



#64
Tetrachloroethene
Concen: 50.421 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion:164 Resp: 219367
Ion Ratio Lower Upper
164 100
166 124.3 101.1 151.7
129 94.0 77.0 115.4
131 88.1 76.6 115.0

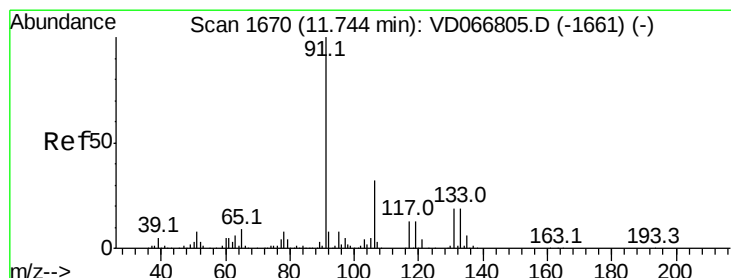
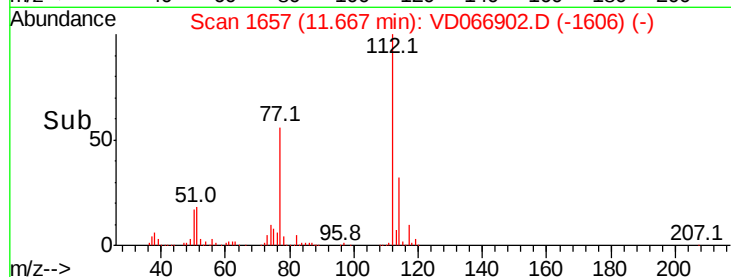
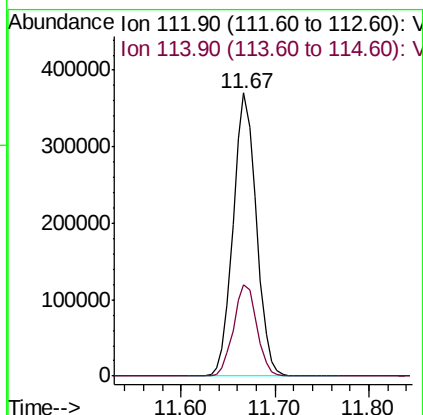
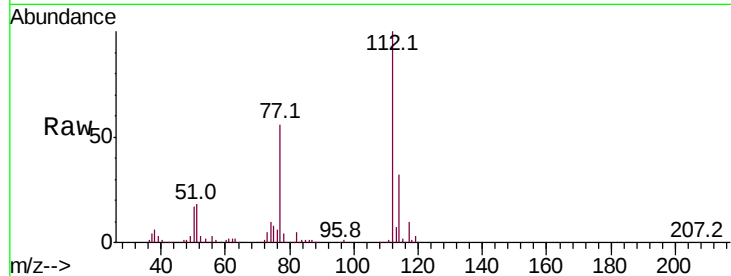




#65
Chlorobenzene
Concen: 50.202 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

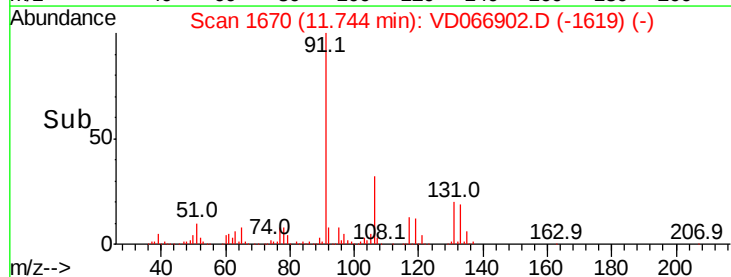
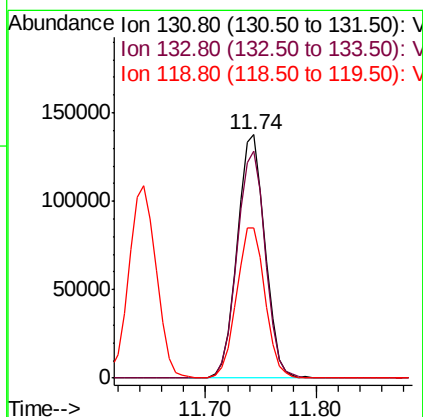
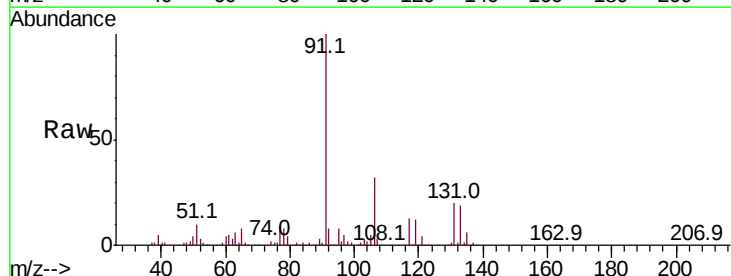
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

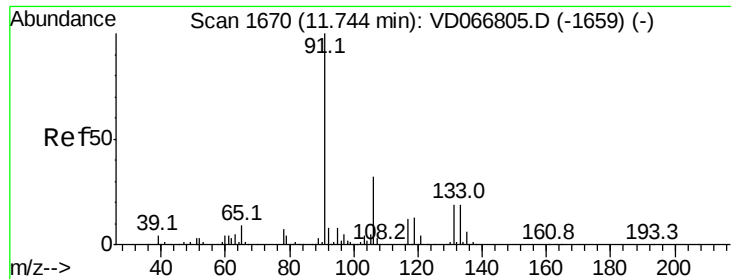
Tot Ion:112 Resp: 632038
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.149 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion:131 Resp: 243728
Ion Ratio Lower Upper
131 100
133 95.1 46.7 140.1
119 63.6 32.3 96.9





#67

Ethyl Benzene

Concen: 50.423 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

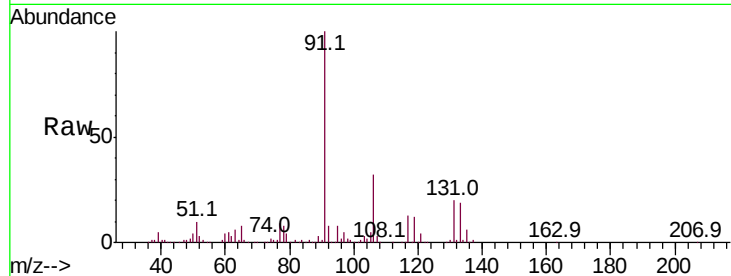
VSTDCCC050EC

Tot Ion: 91 Resp: 1114962

Ion Ratio Lower Upper

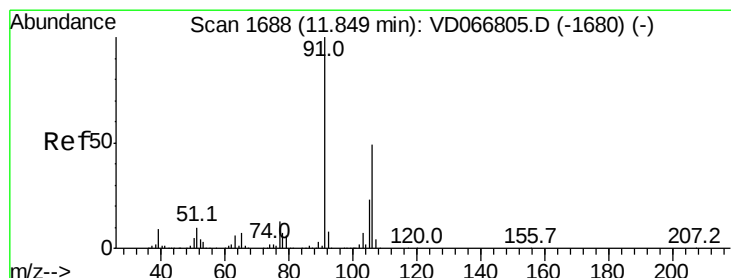
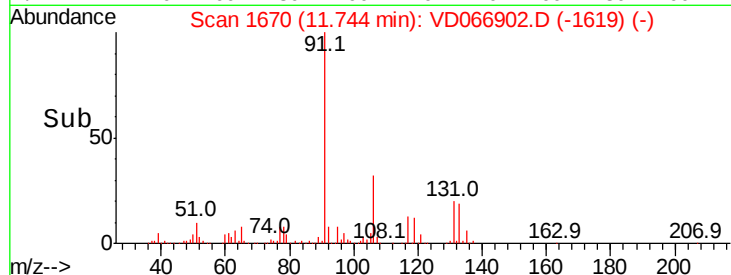
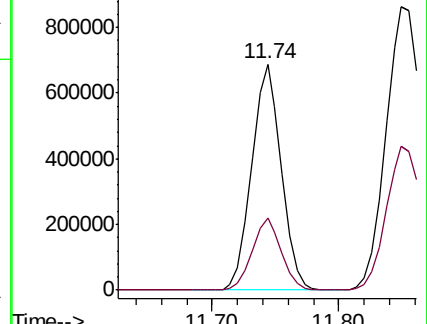
91 100

106 32.1 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.773 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066902.D

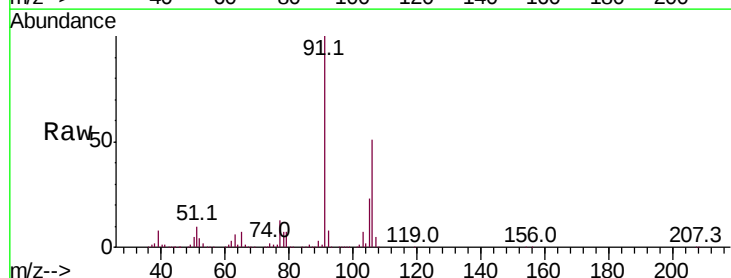
Acq: 26 Sep 2020 05:50

Tgt Ion:106 Resp: 852035

Ion Ratio Lower Upper

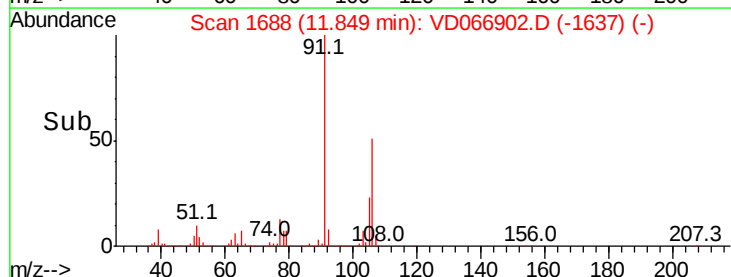
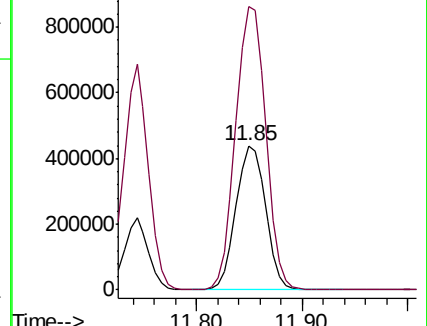
106 100

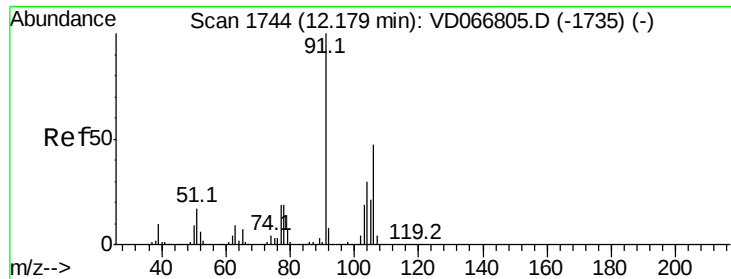
91 199.4 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

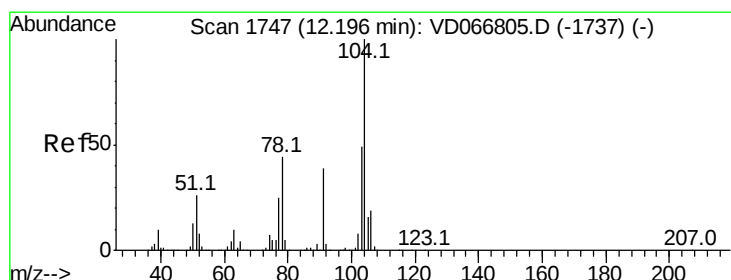
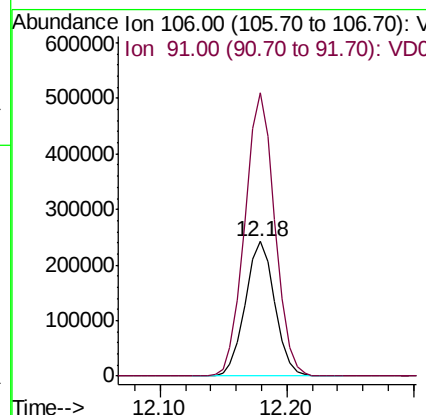
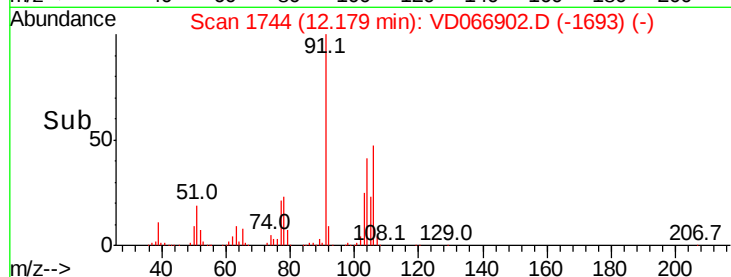
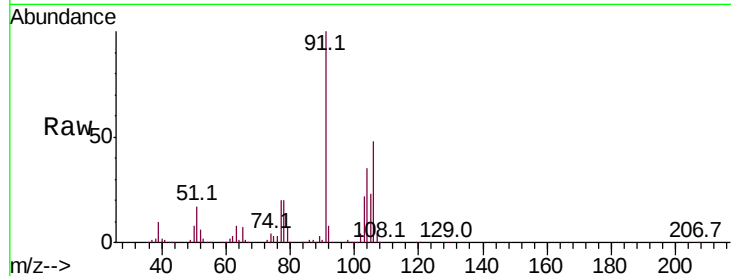




#69
o-Xylene
Concen: 51.824 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

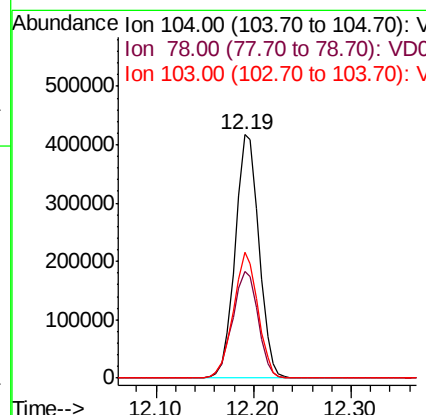
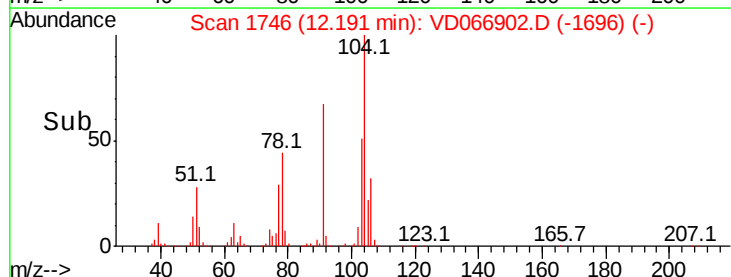
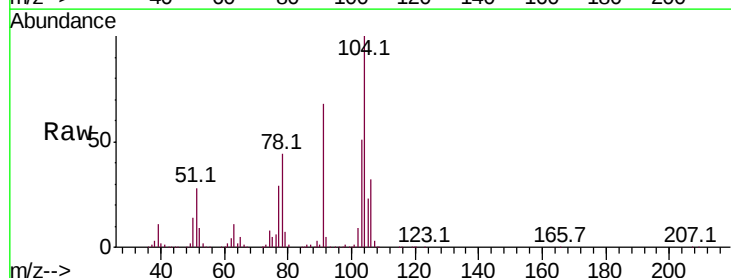
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

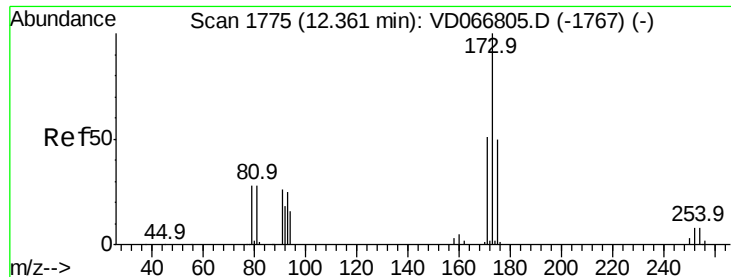
Tot Ion:106 Resp: 392318
Ion Ratio Lower Upper
106 100
91 212.7 106.3 318.8



#70
Styrene
Concen: 53.702 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion:104 Resp: 705989
Ion Ratio Lower Upper
104 100
78 47.3 38.9 58.3
103 53.2 43.2 64.8





#71

Bromoform

Concen: 53.087 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

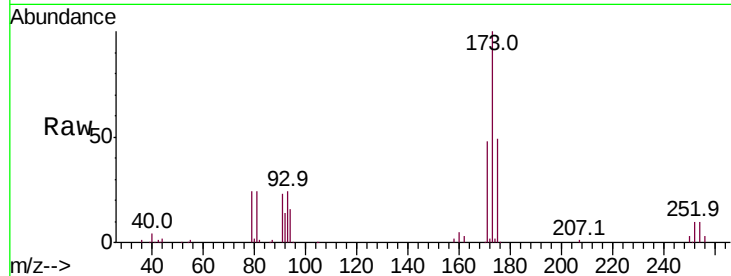
Tot Ion:173 Resp: 128078

Ion Ratio Lower Upper

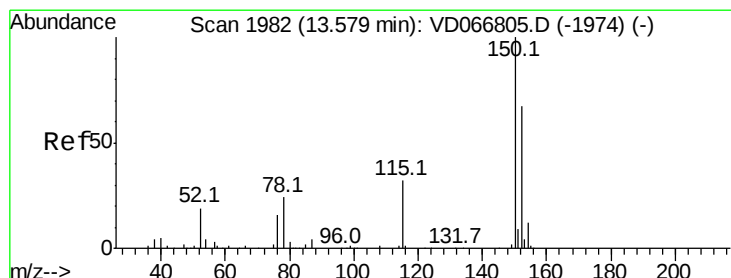
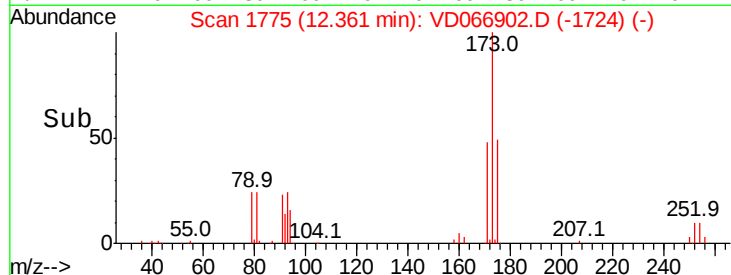
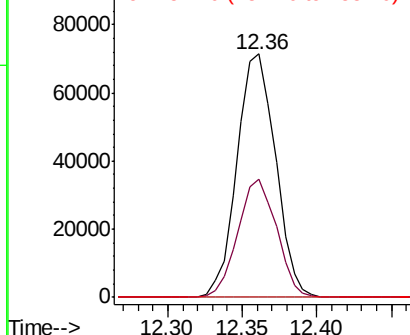
173 100

175 48.7 24.9 74.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

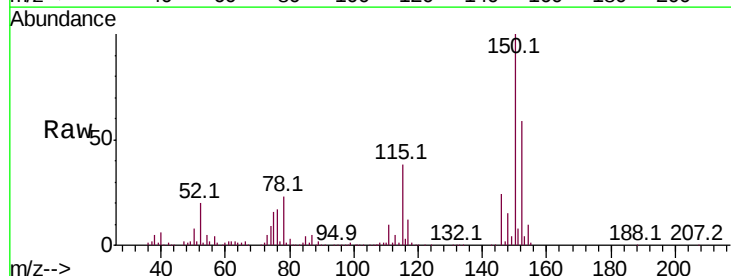
Tgt Ion:152 Resp: 279878

Ion Ratio Lower Upper

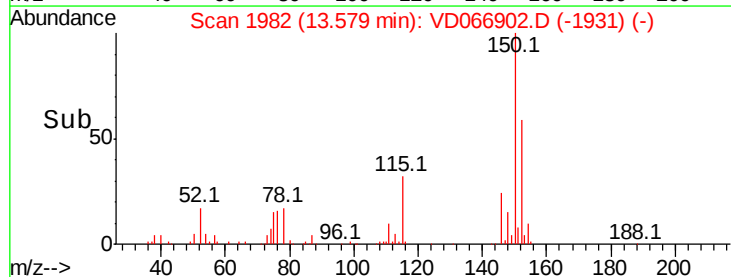
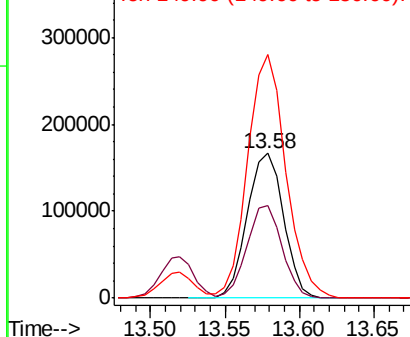
152 100

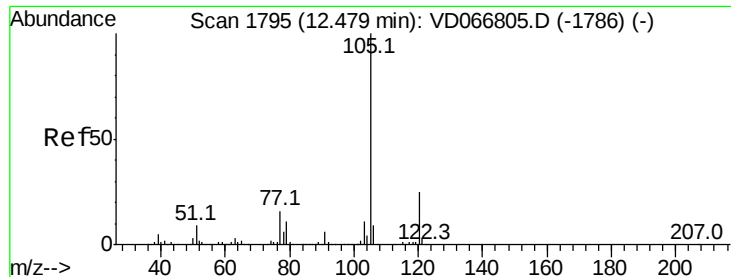
115 62.2 30.3 91.0

150 177.3 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: 52.380 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

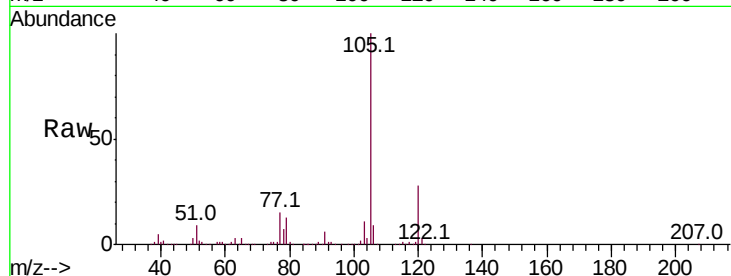
VSTDCCC050EC

Tot Ion:105 Resp: 1059043

Ion Ratio Lower Upper

105 100

120 27.1 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

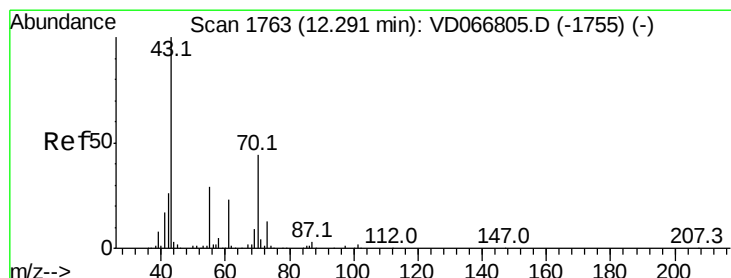
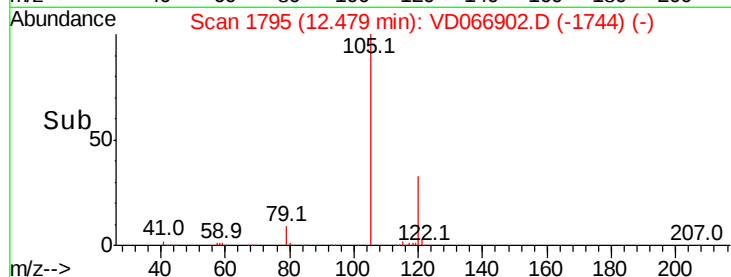
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 50.075 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Tgt Ion: 43 Resp: 197711

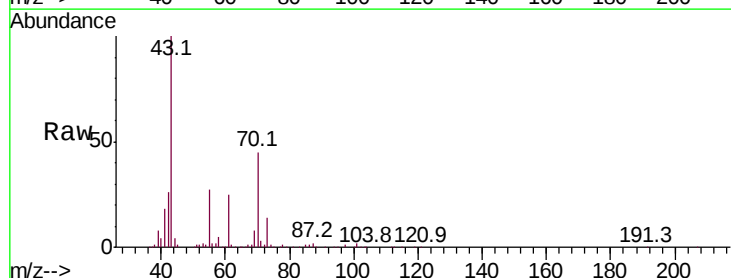
Ion Ratio Lower Upper

43 100

70 47.2 36.1 54.1

55 27.9 21.8 32.8

61 25.2 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

12.28

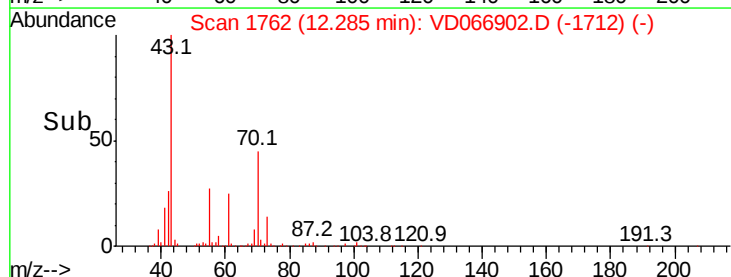
150000

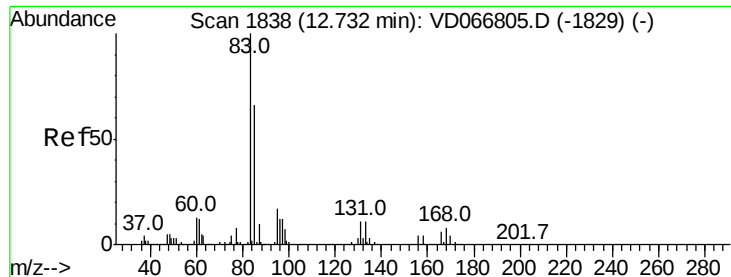
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.166 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

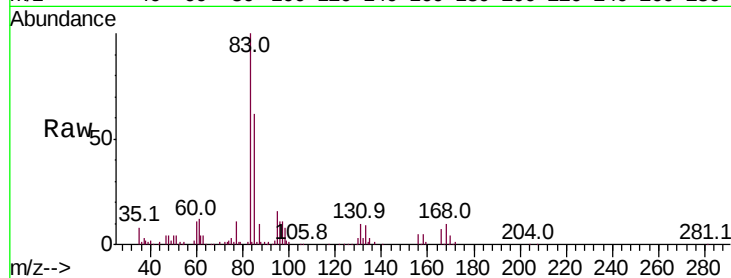
Tot Ion: 83 Resp: 181994

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.7

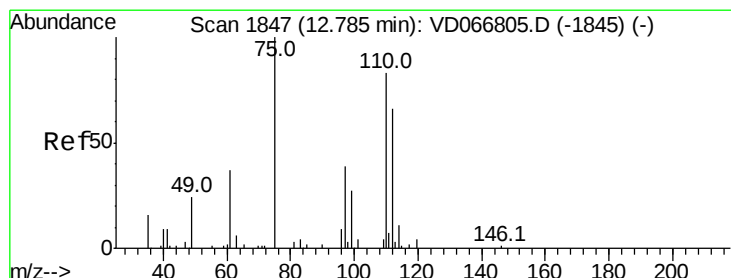
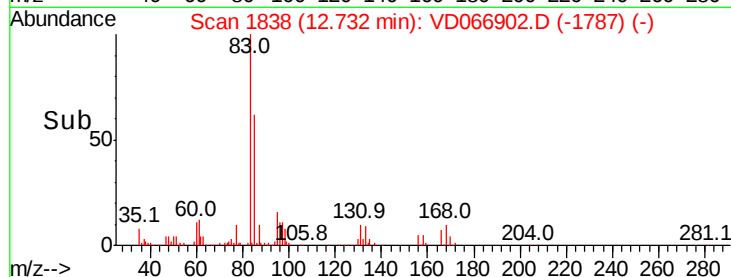
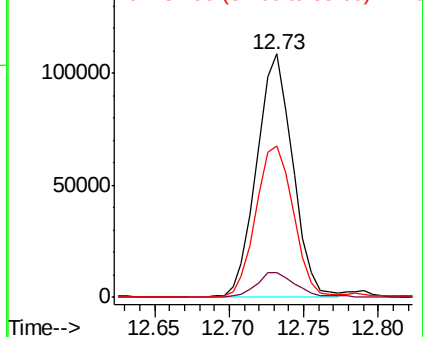
85 64.8 32.1 96.5



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: 100.251 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066902.D

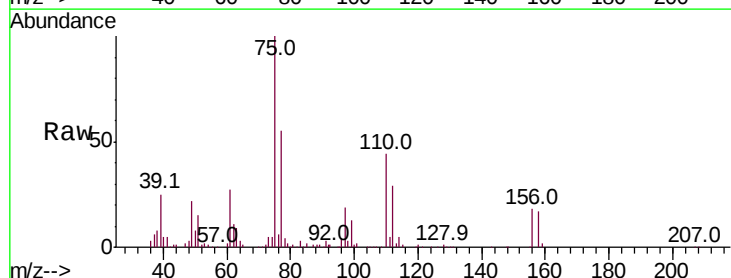
Acq: 26 Sep 2020 05:50

Tgt Ion: 75 Resp: 232523

Ion Ratio Lower Upper

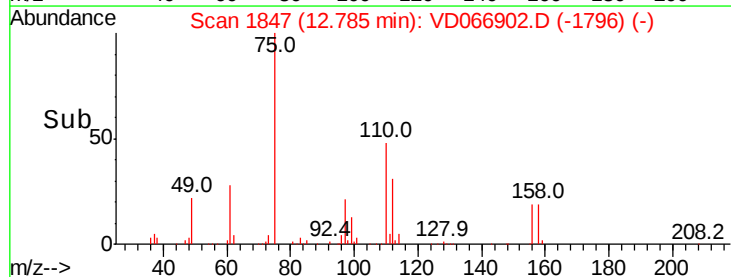
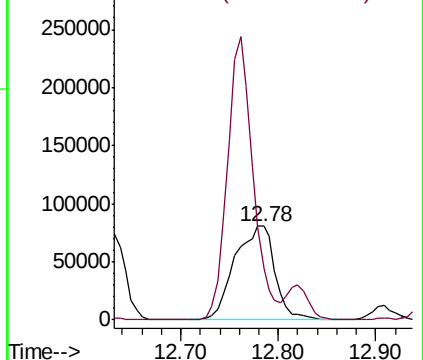
75 100

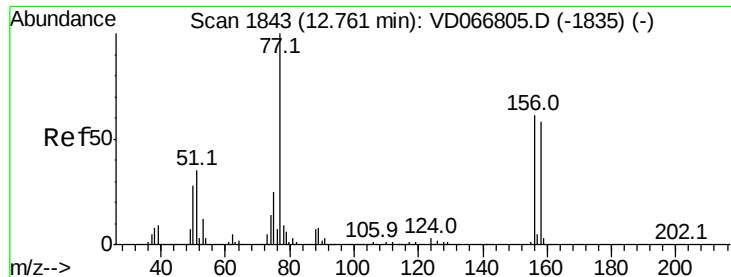
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 53.925 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

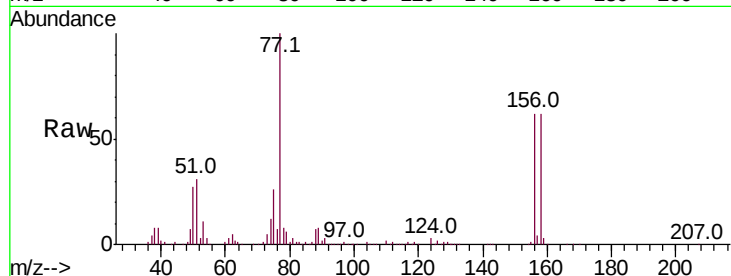
Tot Ion:156 Resp: 254991

Ion Ratio Lower Upper

156 100

77 175.8 92.3 276.9

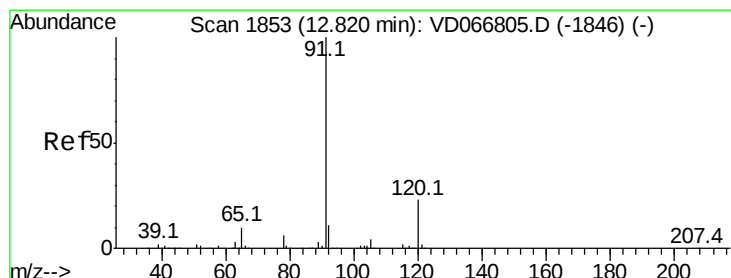
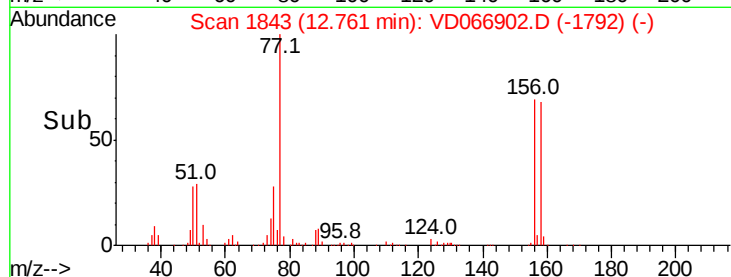
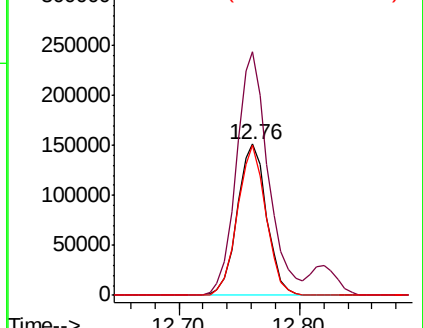
158 96.6 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.103 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066902.D

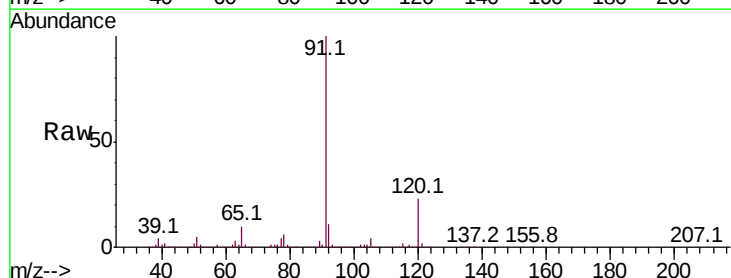
Acq: 26 Sep 2020 05:50

Tgt Ion: 91 Resp: 1243013

Ion Ratio Lower Upper

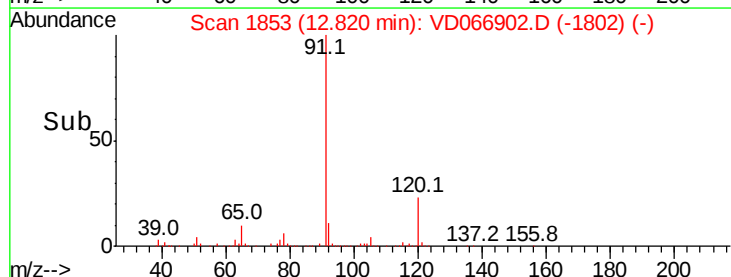
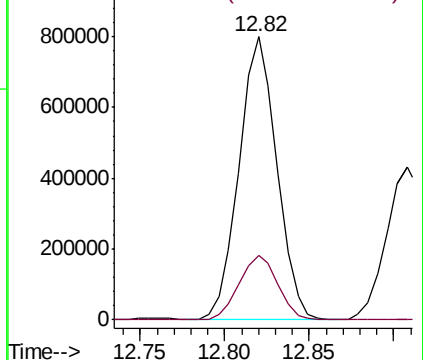
91 100

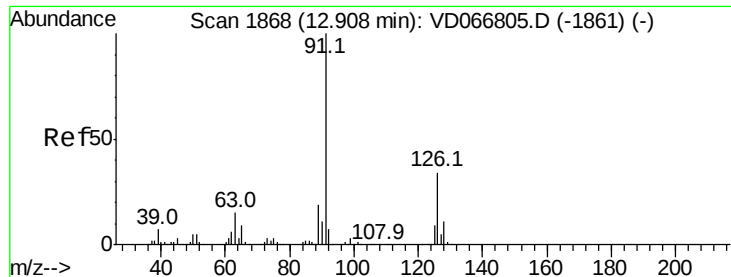
120 23.2 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.030 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

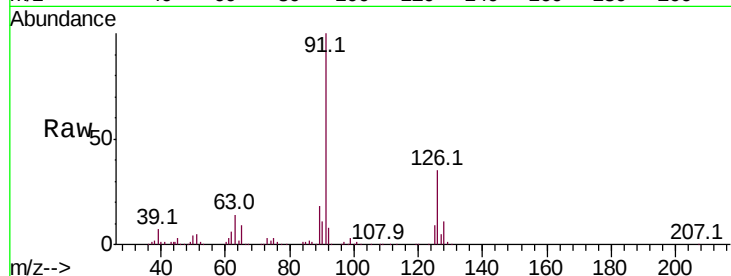
VSTDCCC050EC

Tot Ion: 91 Resp: 721185

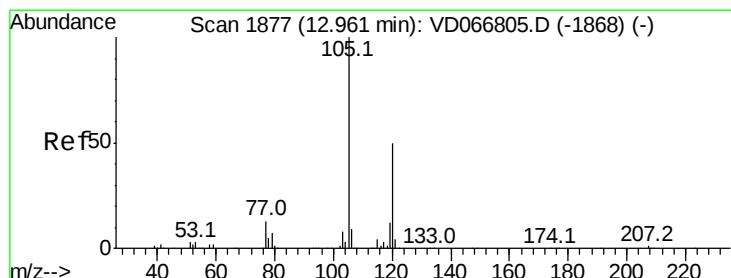
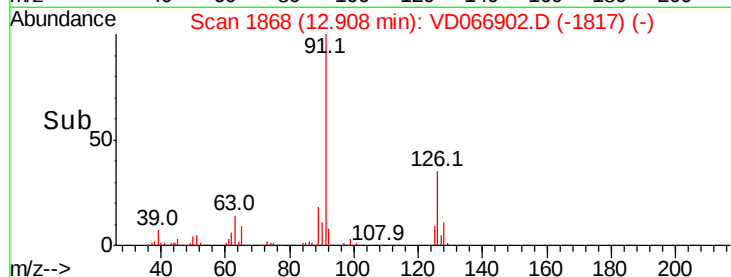
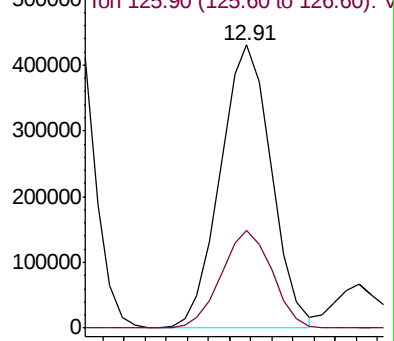
Ion Ratio Lower Upper

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: 52.043 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066902.D

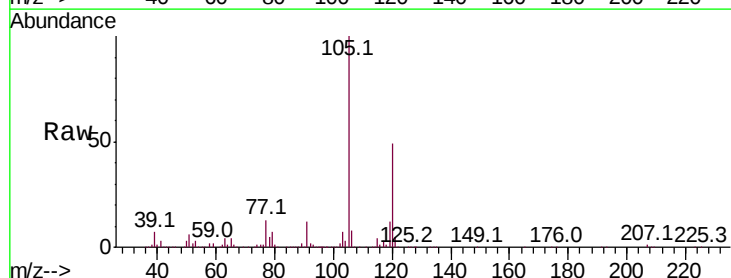
Acq: 26 Sep 2020 05:50

Tgt Ion:105 Resp: 892823

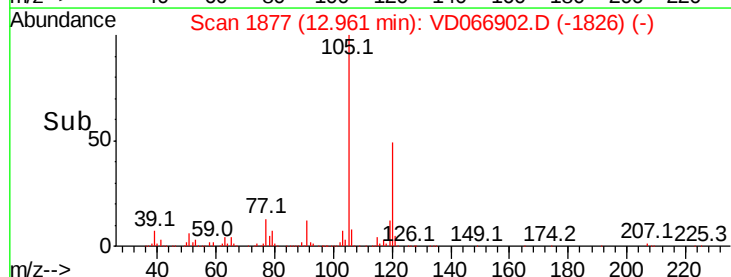
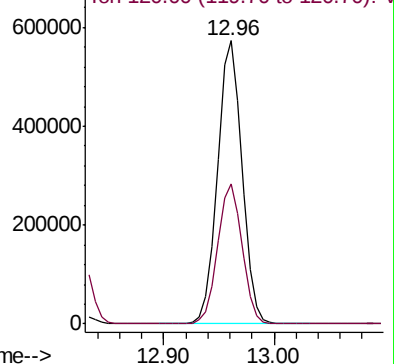
Ion Ratio Lower Upper

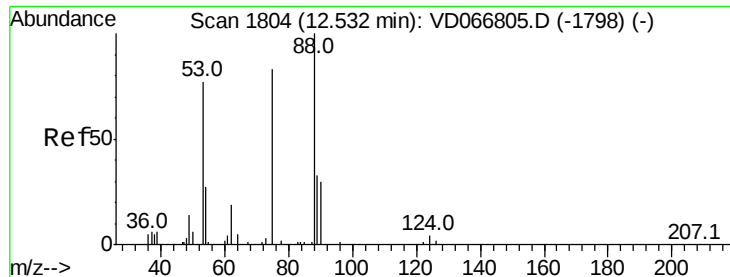
105 100

120 49.6 24.4 73.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 54.274 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

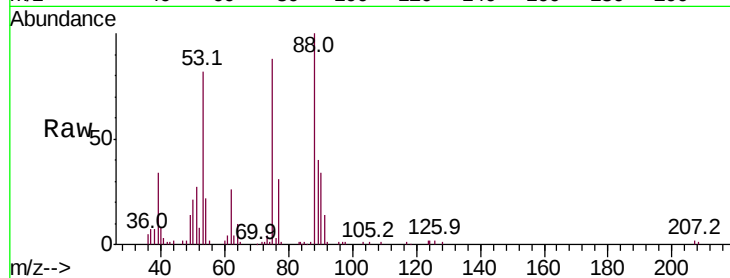
Tot Ion: 75 Resp: 50315

Ion Ratio Lower Upper

75 100

53 92.8 78.5 117.7

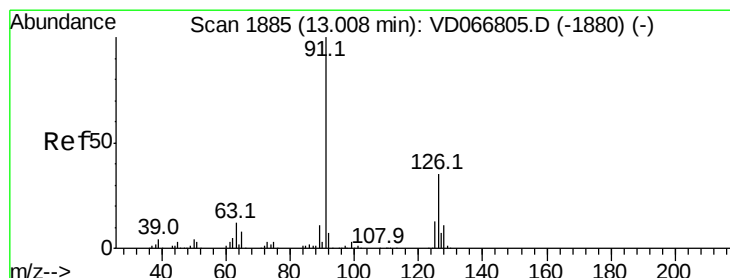
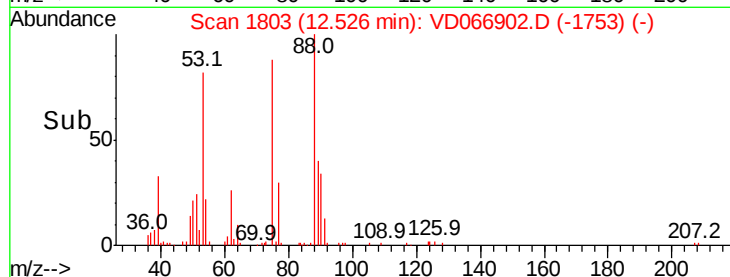
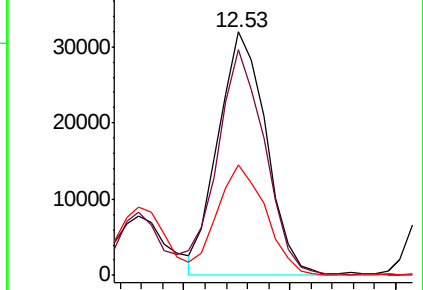
89 46.0 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.975 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066902.D

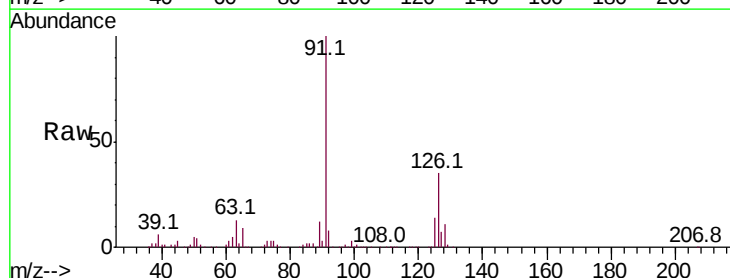
Acq: 26 Sep 2020 05:50

Tgt Ion: 91 Resp: 759429

Ion Ratio Lower Upper

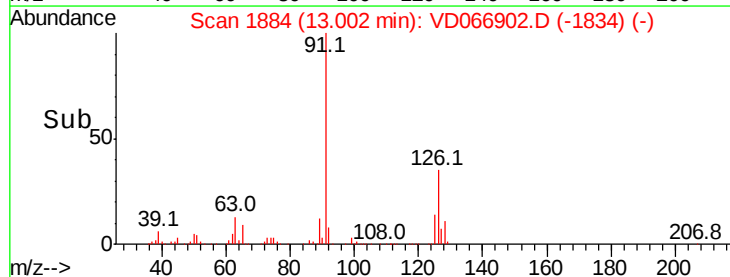
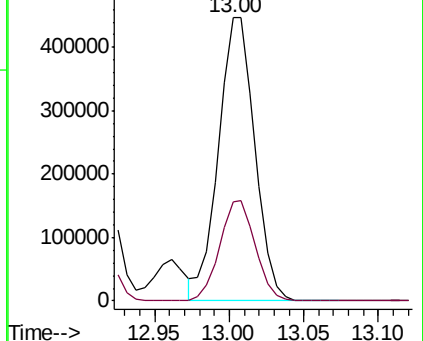
91 100

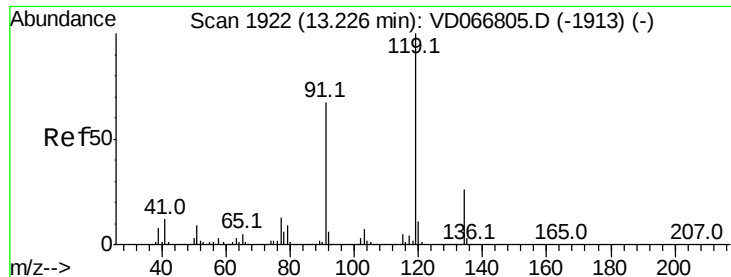
126 34.8 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

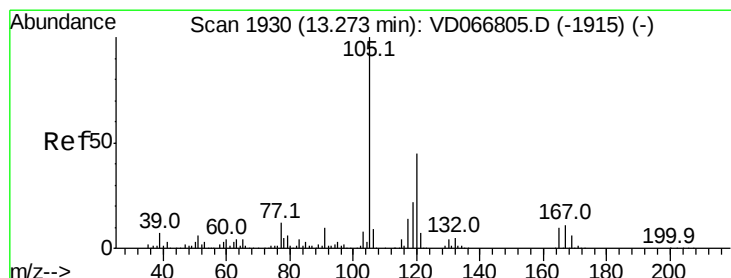
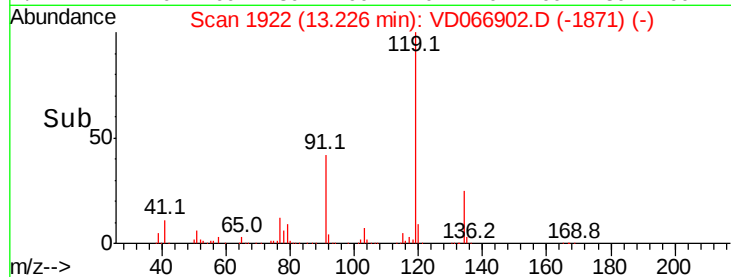
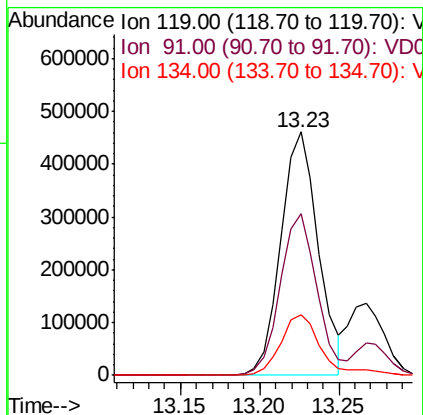
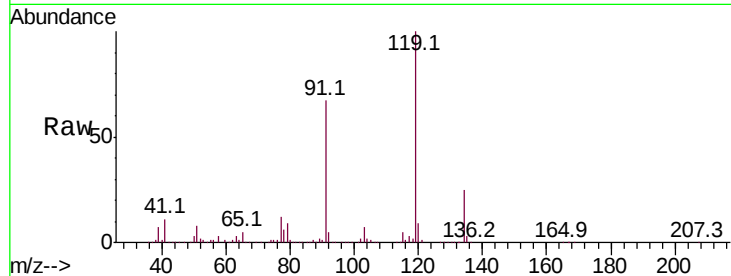




#83
 tert-Butylbenzene
 Concen: 53.389 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

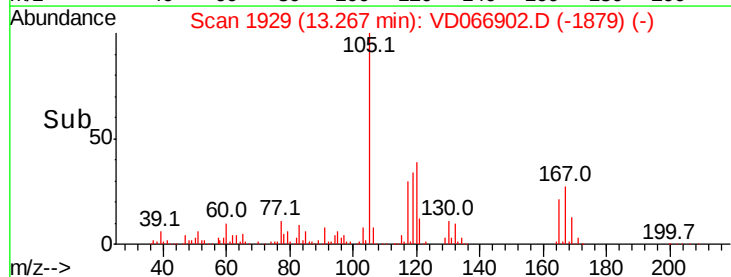
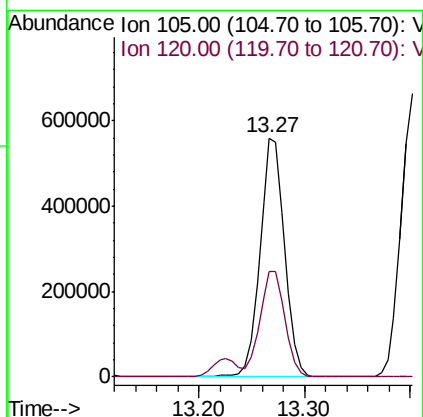
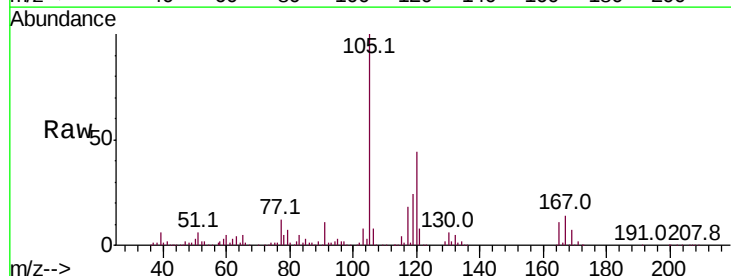
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

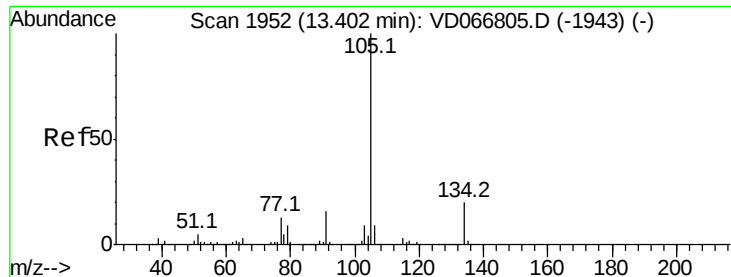
Tot Ion:119 Resp: 752625
 Ion Ratio Lower Upper
 119 100
 91 66.1 33.6 100.8
 134 27.1 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.124 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion:105 Resp: 903730
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.486 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

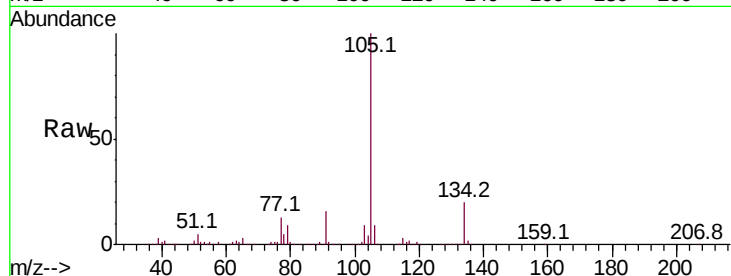
VSTDCCC050EC

Tot Ion:105 Resp: 1023440

Ion Ratio Lower Upper

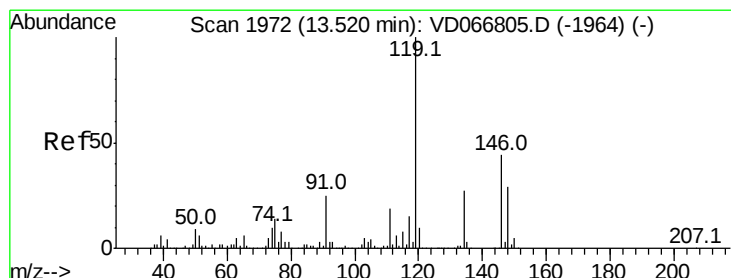
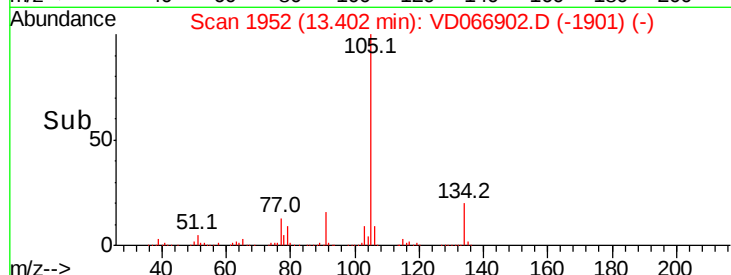
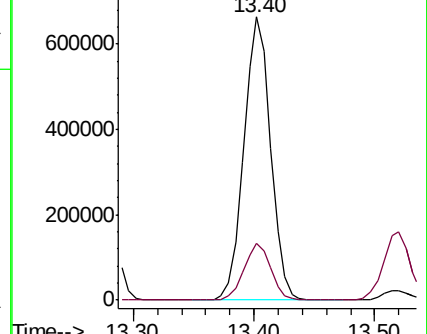
105 100

134 20.2 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.733 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

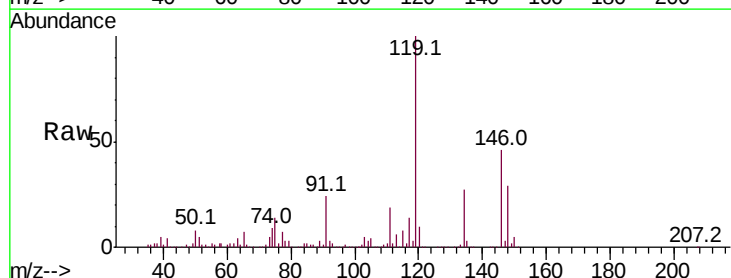
Tgt Ion:119 Resp: 945300

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

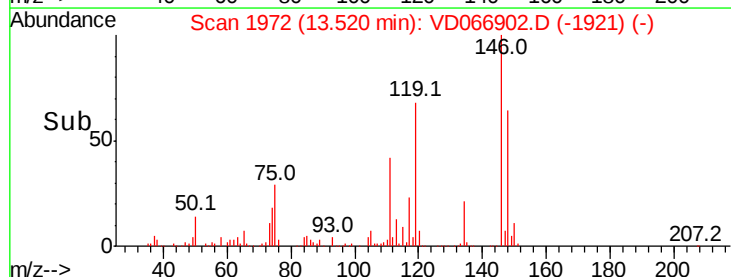
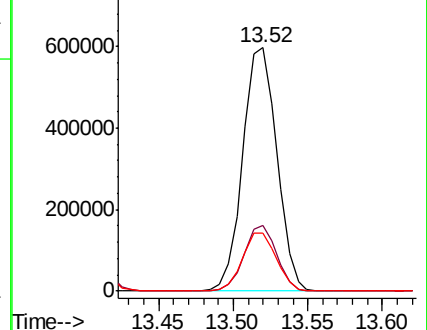
91 23.7 12.0 36.1

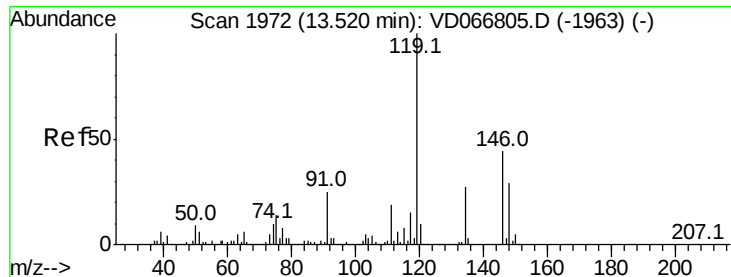


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.964 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

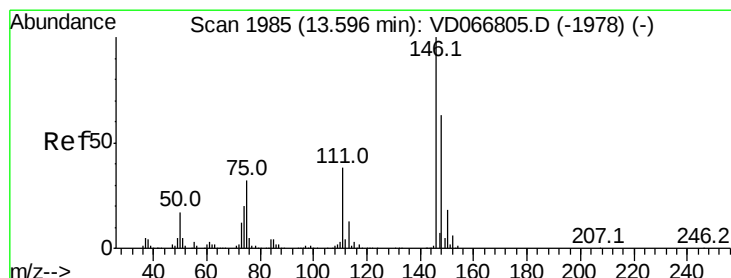
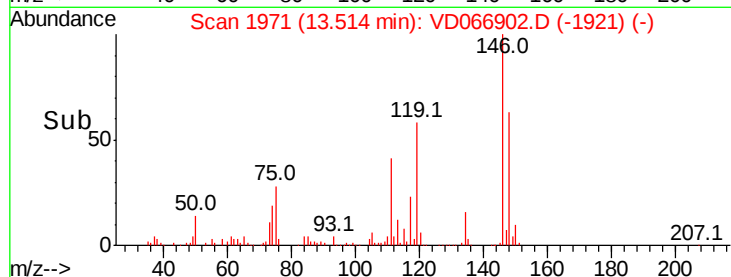
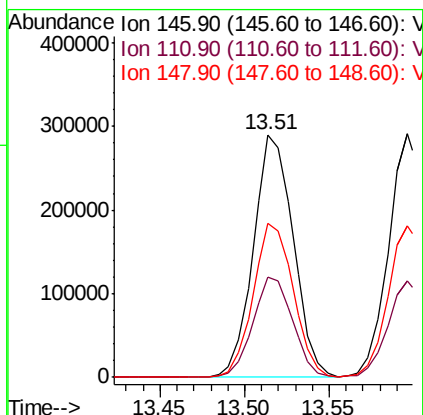
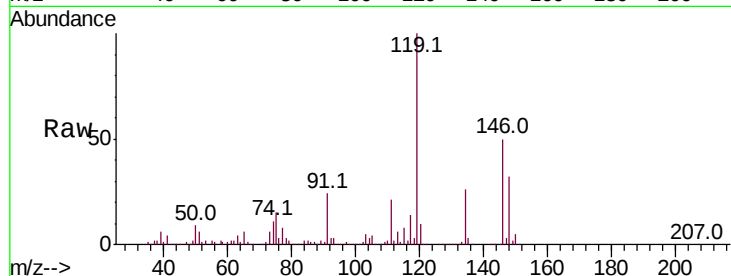
Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 476113

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	60.9
148	63.6	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 50.335 ug/l

RT: 13.60 min Scan# 1985

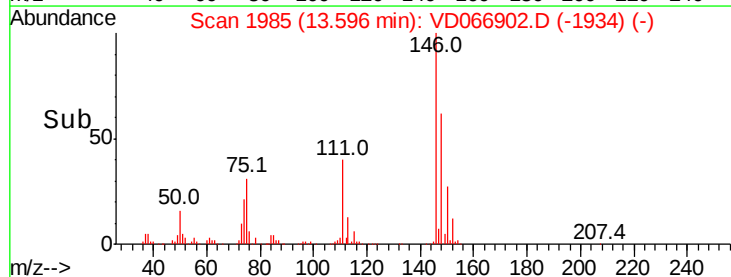
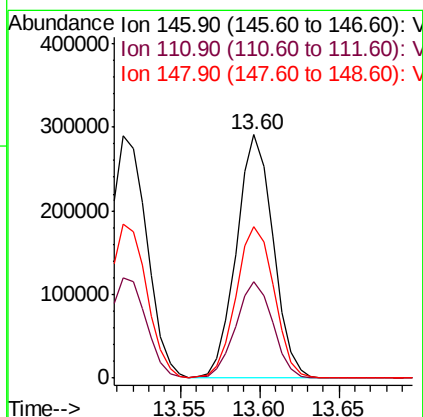
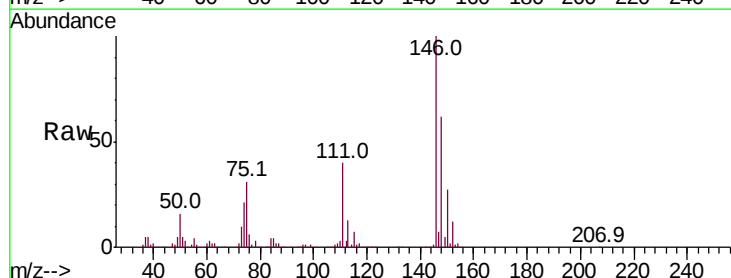
Delta R.T. -0.00 min

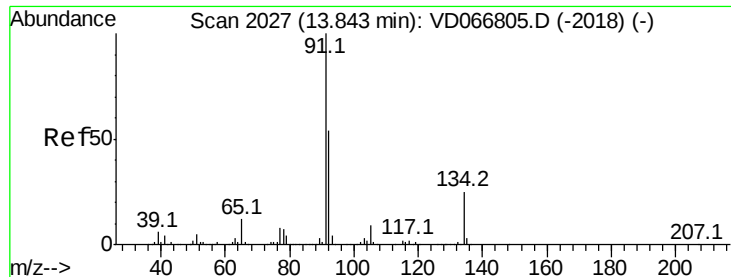
Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Tgt Ion:146 Resp: 467043

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.2	60.5
148	64.6	31.6	94.7

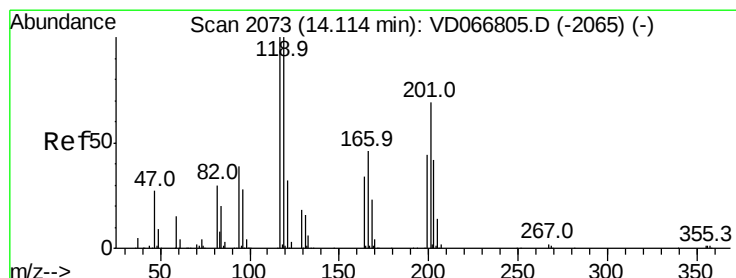
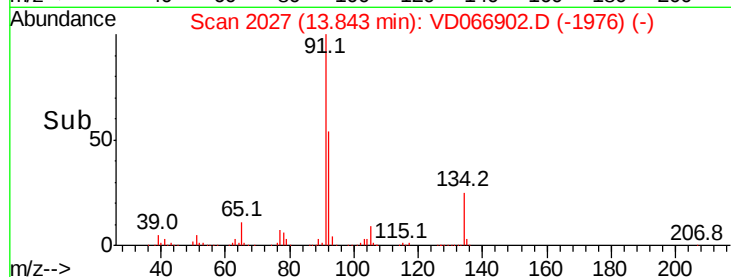
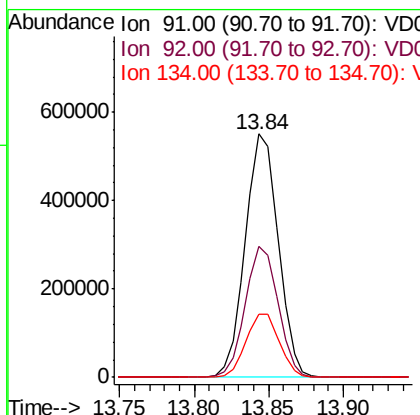
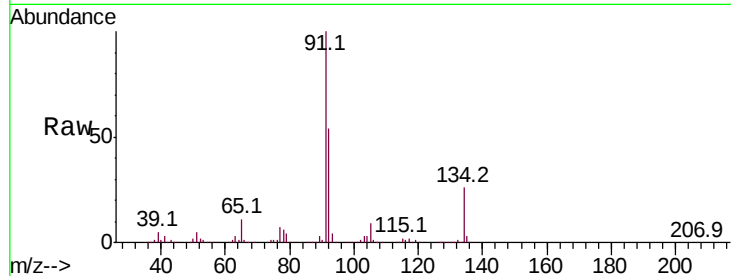




#89
n-Butylbenzene
Concen: 48.498 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

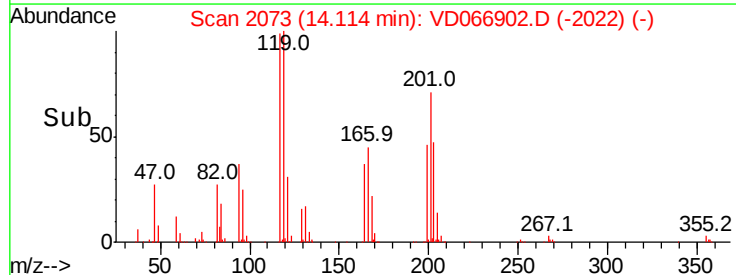
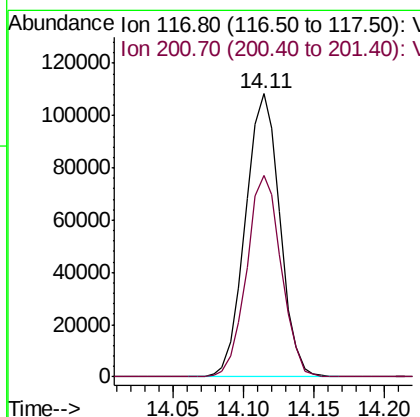
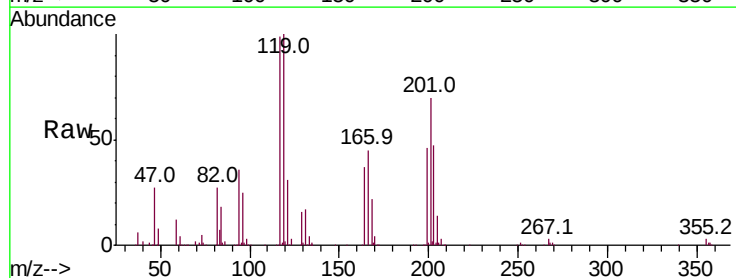
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

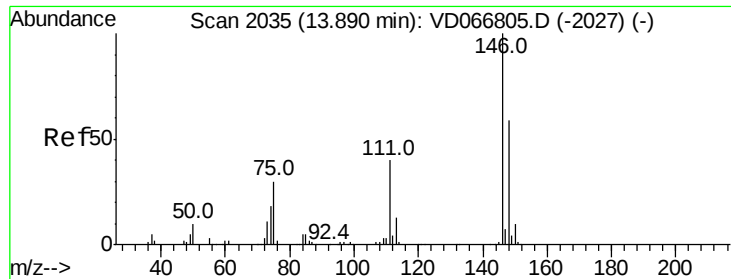
Tot Ion: 91 Resp: 842317
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.0
134 26.2 13.1 39.1



#90
Hexachloroethane
Concen: 50.281 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 117 Resp: 186527
Ion Ratio Lower Upper
117 100
201 71.0 33.7 101.0

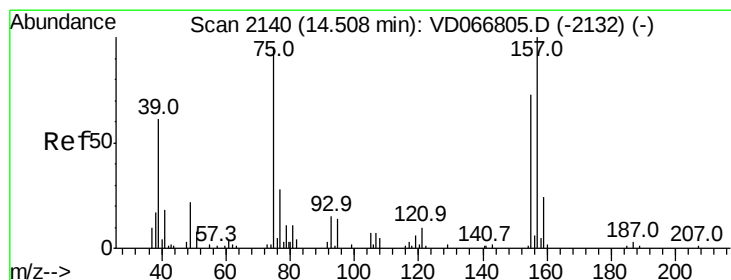
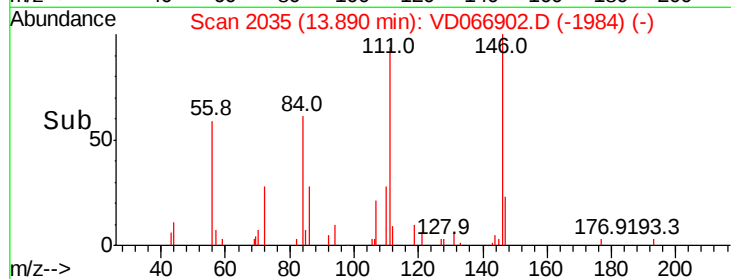
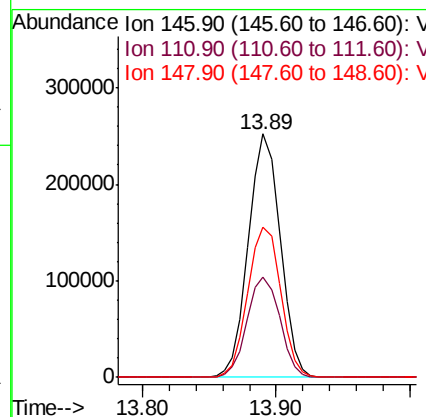
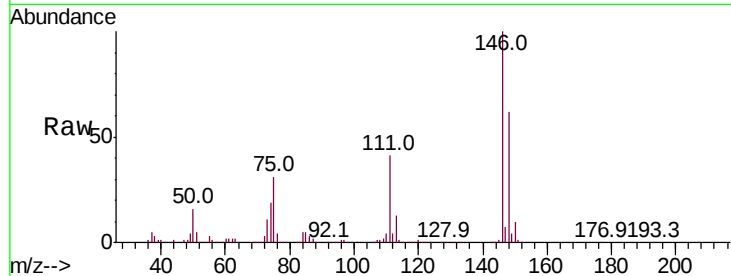




#91
 1,2-Dichlorobenzene
 Concen: 52.194 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

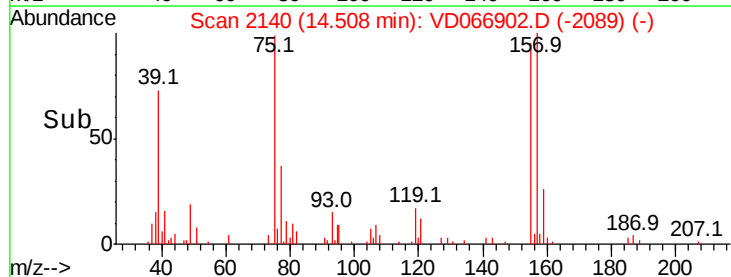
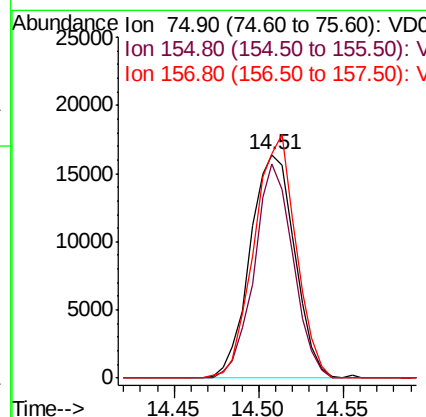
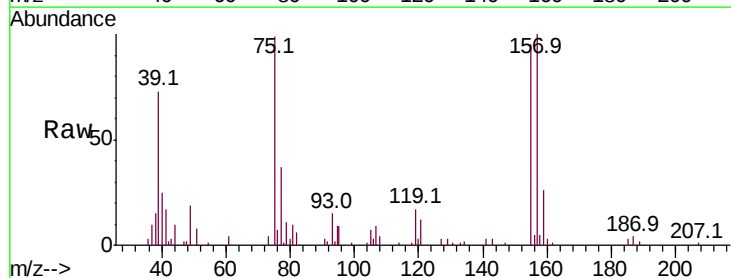
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

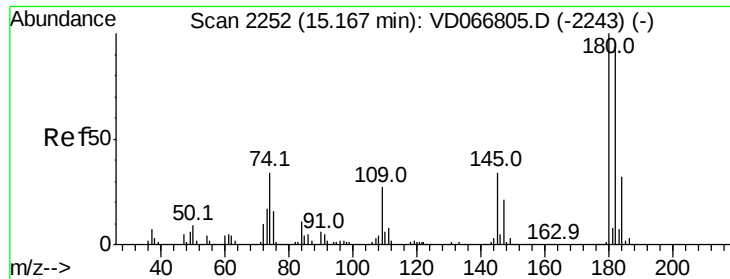
Tot Ion:146 Resp: 417162
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.9 62.7
 148 63.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.708 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion: 75 Resp: 30142
 Ion Ratio Lower Upper
 75 100
 155 83.5 40.4 121.2
 157 101.6 51.3 153.9

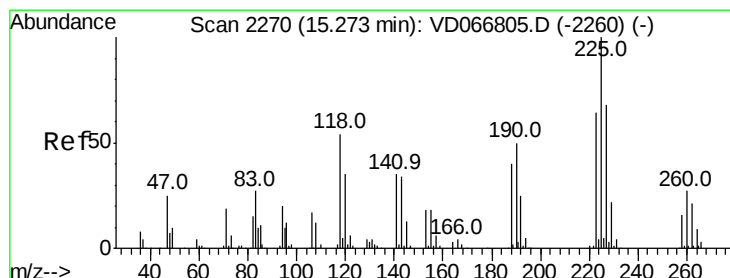
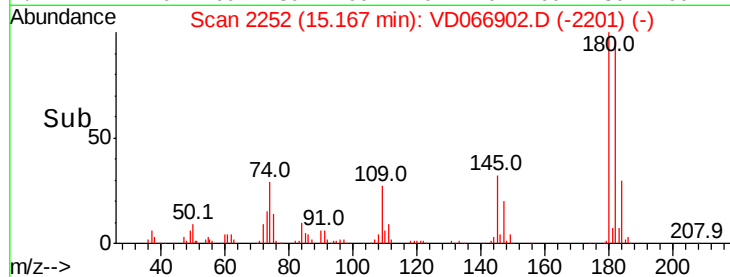
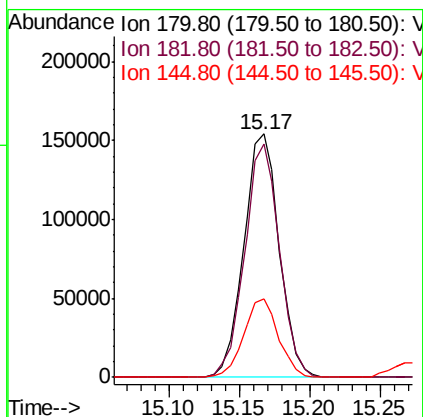
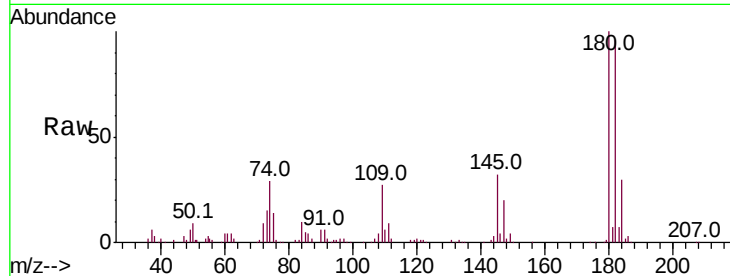




#93
 1,2,4-Trichlorobenzene
 Concen: 53.786 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

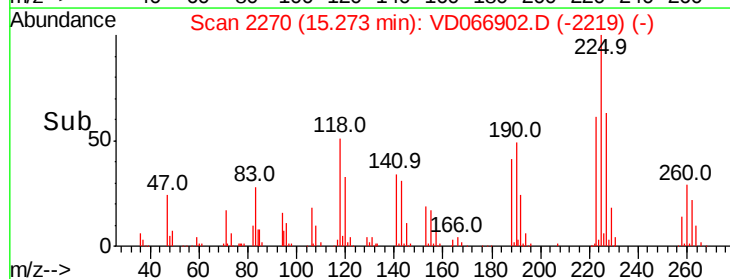
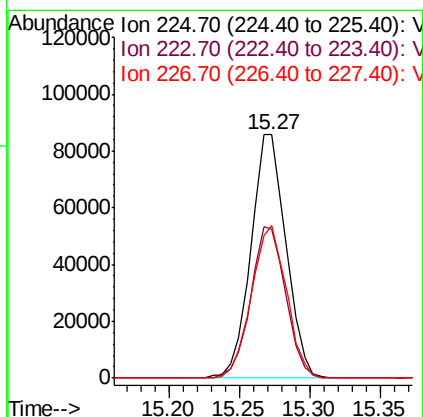
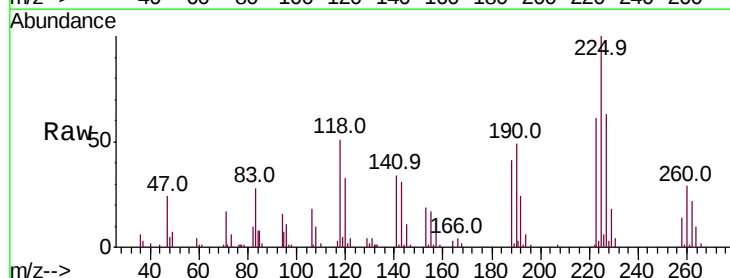
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

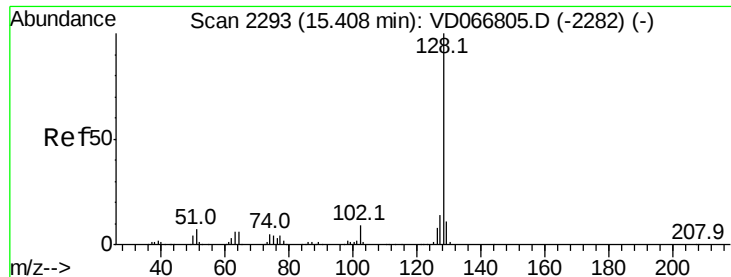
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.8	146.3
145	31.7	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 49.654 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.1	93.3
227	62.6	31.7	95.1





#95

Naphthalene

Concen: 58.679 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

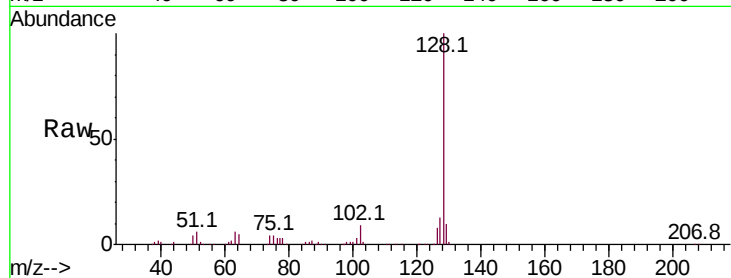
Tot Ion:128 Resp: 501248

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

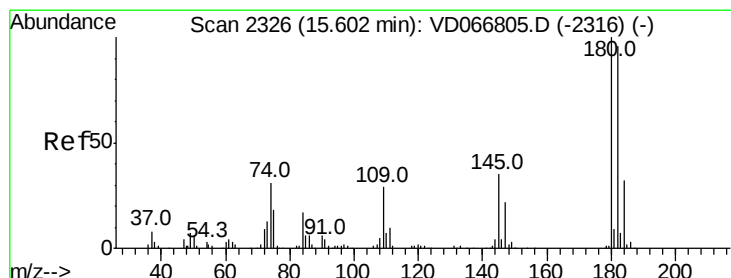
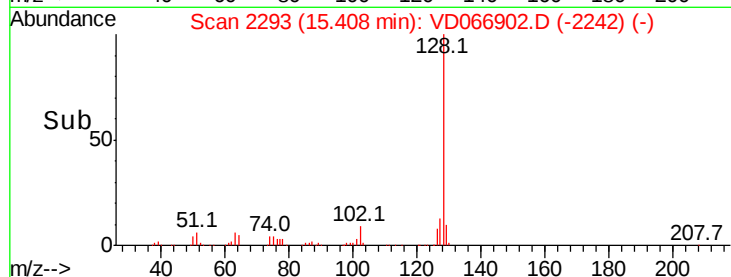
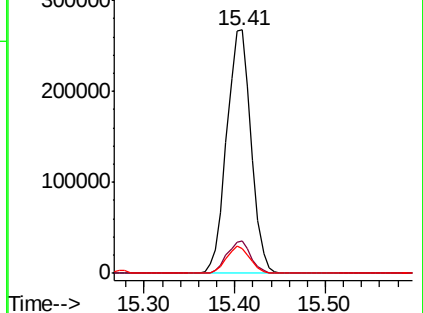
129 10.6 8.9 13.3



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: 54.010 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

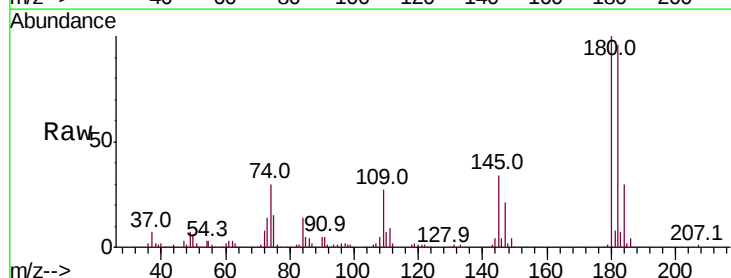
Tgt Ion:180 Resp: 234547

Ion Ratio Lower Upper

180 100

182 95.7 46.8 140.3

145 35.9 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

