

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066640.D
 Acq On : 11 Sep 2020 04:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 11 04:48:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	319326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	569893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	540709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	251956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218851	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
35) Dibromofluoromethane	7.91	113	204538	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
50) Toluene-d8	10.34	98	751925	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
62) 4-Bromofluorobenzene	12.63	95	252645	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	113459	42.431	ug/l	92
3) Chloromethane	2.21	50	179293	44.398	ug/l	98
4) Vinyl Chloride	2.35	62	181650	40.556	ug/l	97
5) Bromomethane	2.77	94	133601	46.899	ug/l #	78
6) Chloroethane	2.92	64	119676	42.067	ug/l	99
7) Trichlorofluoromethane	3.27	101	276911	41.850	ug/l	99
8) Diethyl Ether	3.71	74	82910	49.761	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	153137	42.764	ug/l	96
10) Methyl Iodide	4.30	142	150813	46.479	ug/l	99
11) Tert butyl alcohol	5.21	59	25466	73.275	ug/l #	65
12) 1,1-Dichloroethene	4.07	96	147774	45.932	ug/l	85
13) Acrolein	3.92	56	41030	259.726	ug/l	97
14) Allyl chloride	4.71	41	260163	49.342	ug/l	98
15) Acrylonitrile	5.41	53	199558	278.810	ug/l	99
16) Acetone	4.16	43	154143	216.834	ug/l	95
17) Carbon Disulfide	4.40	76	470362	44.473	ug/l	97
18) Methyl Acetate	4.71	43	93606	55.238	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	403284	53.454	ug/l	98
20) Methylene Chloride	4.97	84	216107	56.664	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	187047	48.959	ug/l	96
22) Diisopropyl ether	6.36	45	597677	55.122	ug/l	97
23) Vinyl Acetate	6.30	43	1667618	270.265	ug/l	100
24) 1,1-Dichloroethane	6.26	63	346384	50.800	ug/l	97
25) 2-Butanone	7.21	43	239063	250.517	ug/l	91
26) 2,2-Dichloropropane	7.21	77	255555	40.859	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	211250	51.419	ug/l	99
28) Bromochloromethane	7.54	49	155541	59.252	ug/l	99
29) Tetrahydrofuran	7.56	42	165577	278.601	ug/l	99
30) Chloroform	7.71	83	375924	52.113	ug/l	98
31) Cyclohexane	7.98	56	264161	41.911	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	319182	47.062	ug/l	98
36) 1,1-Dichloropropene	8.11	75	259703	43.789	ug/l	100
37) Ethyl Acetate	7.29	43	122538	51.887	ug/l	98
38) Carbon Tetrachloride	8.09	117	272206	43.422	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066640.D
 Acq On : 11 Sep 2020 04:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 11 04:48:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	269067	40.628	ug/l	99
40) Benzene	8.35	78	771202	47.478	ug/l	99
41) Methacrylonitrile	7.56	41	165602	144.861	ug/l #	44
42) 1,2-Dichloroethane	8.42	62	249055	47.323	ug/l	100
43) Isopropyl Acetate	8.44	43	221169	48.868	ug/l	99
44) Trichloroethene	9.11	130	194598	45.672	ug/l	89
45) 1,2-Dichloropropane	9.38	63	196090	48.004	ug/l	95
46) Dibromomethane	9.47	93	111271	49.373	ug/l	97
47) Bromodichloromethane	9.66	83	295186	48.412	ug/l	99
48) Methyl methacrylate	9.45	41	111493	48.718	ug/l	93
49) 1,4-Dioxane	9.46	88	25499	1031.321	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	589674	258.345	ug/l	99
52) Toluene	10.40	92	498137	48.447	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	259500	48.211	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	311253	48.153	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	149269	51.513	ug/l	99
56) Ethyl methacrylate	10.66	69	179851	53.307	ug/l	98
57) 1,3-Dichloropropane	10.94	76	258852	51.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	381863	247.450	ug/l	99
59) 2-Hexanone	10.98	43	393500	256.362	ug/l	98
60) Dibromochloromethane	11.14	129	195475	51.014	ug/l	98
61) 1,2-Dibromoethane	11.24	107	141617	50.235	ug/l	98
64) Tetrachloroethene	10.87	164	164703	45.240	ug/l	91
65) Chlorobenzene	11.67	112	514678	46.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	199167	46.762	ug/l	100
67) Ethyl Benzene	11.74	91	951728	46.445	ug/l	97
68) m/p-Xylenes	11.85	106	723990	95.154	ug/l	99
69) o-Xylene	12.18	106	335543	49.209	ug/l	97
70) Styrene	12.20	104	588780	49.667	ug/l	98
71) Bromoform	12.36	173	103331	48.140	ug/l #	99
73) Isopropylbenzene	12.48	105	881274	47.242	ug/l	100
74) N-amyl acetate	12.29	43	205794	48.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	165156	50.114	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	207395	85.589	ug/l #	100
77) Bromobenzene	12.76	156	203337	48.892	ug/l	98
78) n-propylbenzene	12.82	91	1060309	46.887	ug/l	100
79) 2-Chlorotoluene	12.91	91	611671	48.215	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	751620	47.871	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	46970	45.255	ug/l	99
82) 4-Chlorotoluene	13.00	91	640164	47.187	ug/l	98
83) tert-Butylbenzene	13.23	119	615041	47.969	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	754616	48.273	ug/l	99
85) sec-Butylbenzene	13.40	105	850648	46.050	ug/l	99
86) p-Isopropyltoluene	13.52	119	775439	46.639	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	390524	47.299	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	378206	45.638	ug/l	98
89) n-Butylbenzene	13.84	91	709651	43.800	ug/l	99
90) Hexachloroethane	14.11	117	165966	46.327	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	341918	47.378	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24870	44.424	ug/l	93

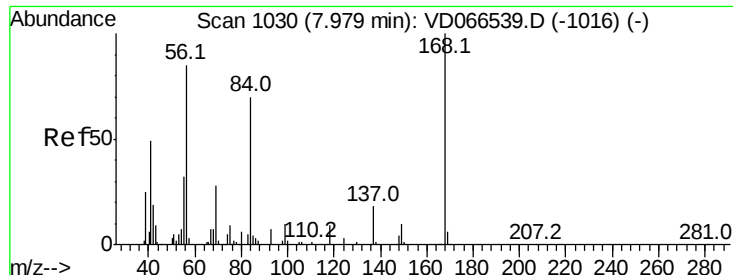
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
Data File : VD066640.D
Acq On : 11 Sep 2020 04:29
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 11 04:48:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	202576	46.772	ug/l	99
94) Hexachlorobutadiene	15.27	225	109636	42.135	ug/l	99
95) Naphthalene	15.41	128	393666	52.014	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	181009	49.020	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

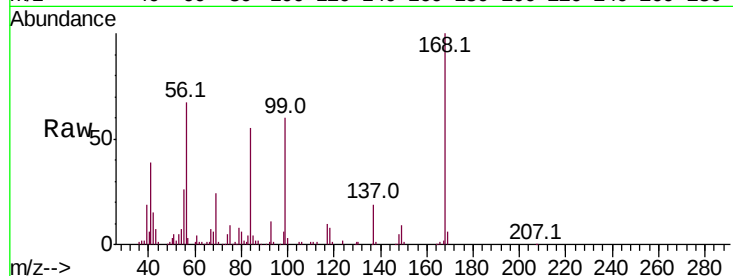
VSTDCCC050EC

Tot Ion:168 Resp: 319326

Ion Ratio Lower Upper

168 100

99 59.3 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

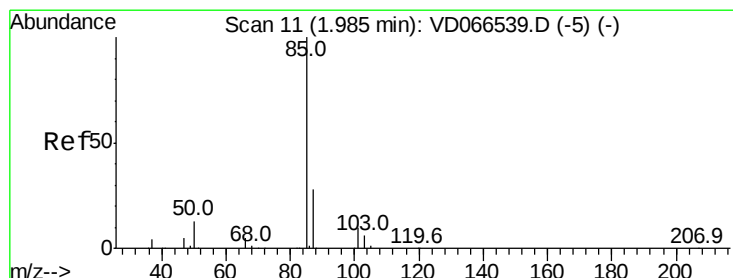
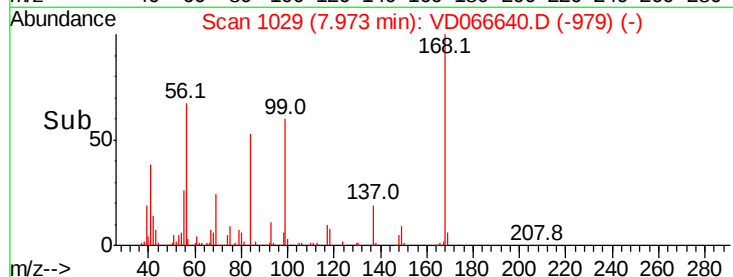
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 42.431 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066640.D

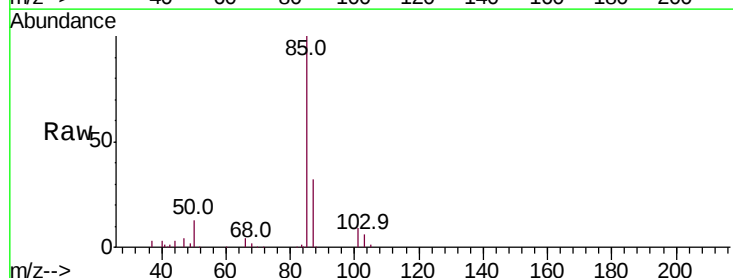
Acq: 11 Sep 2020 04:29

Tgt Ion: 85 Resp: 113459

Ion Ratio Lower Upper

85 100

87 32.5 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

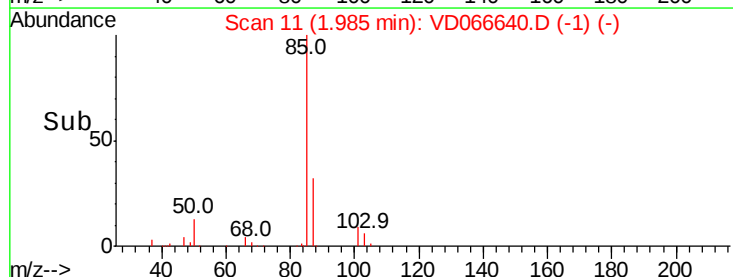
40000

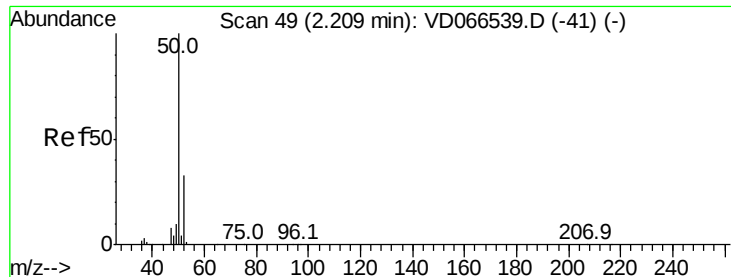
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 44.398 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

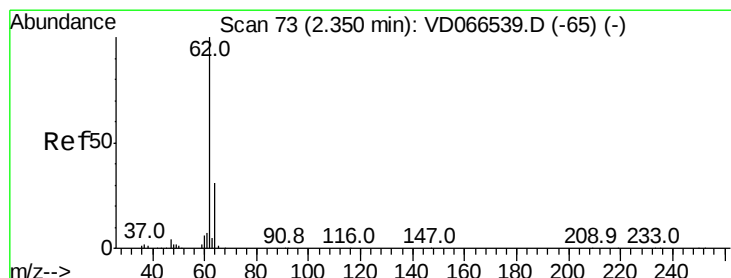
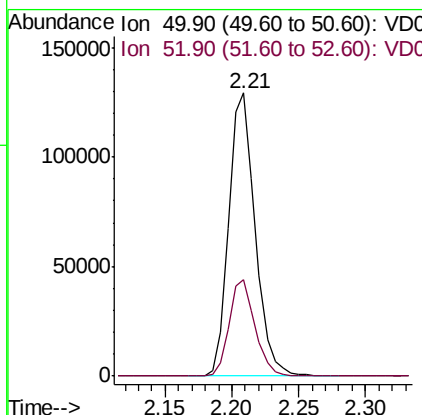
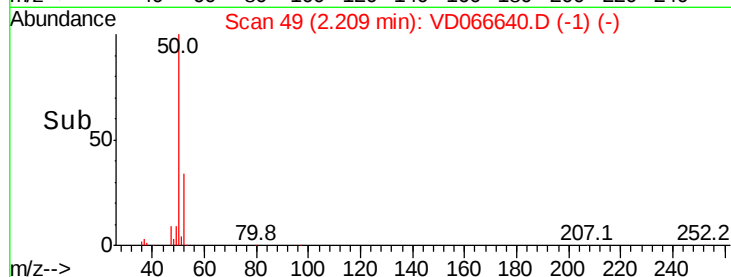
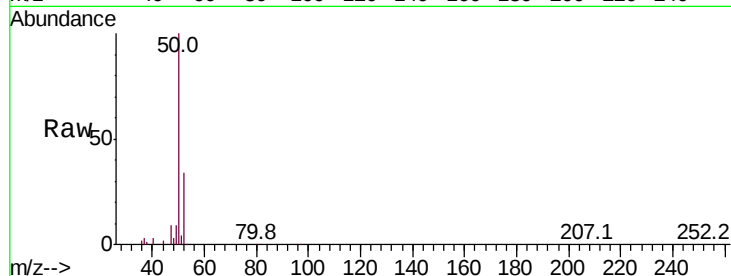
VSTDCCC050EC

Tot Ion: 50 Resp: 179293

Ion Ratio Lower Upper

50 100

52 34.0 26.2 39.2



#4

Vinyl Chloride

Concen: 40.556 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066640.D

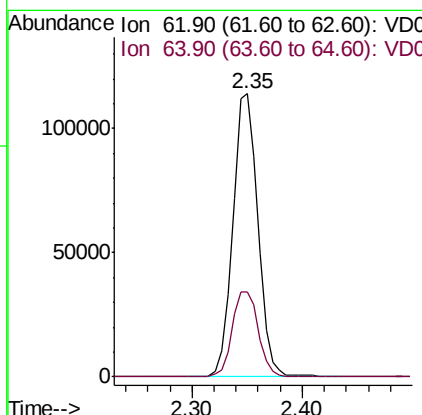
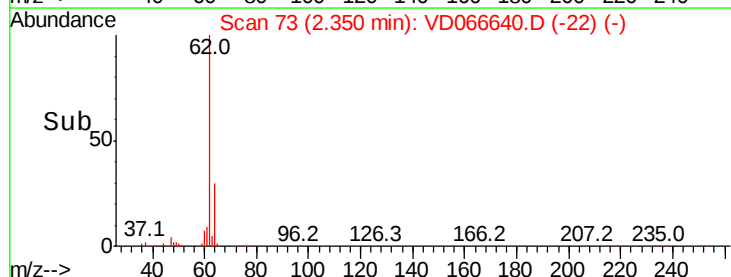
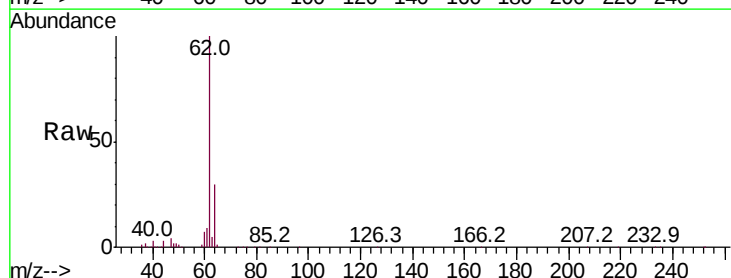
Acq: 11 Sep 2020 04:29

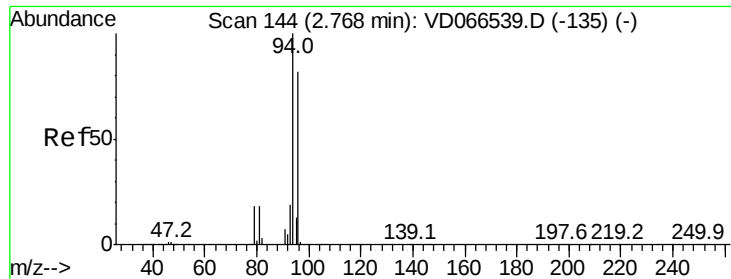
Tgt Ion: 62 Resp: 181650

Ion Ratio Lower Upper

62 100

64 30.0 25.3 37.9





#5

Bromomethane

Concen: 46.899 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

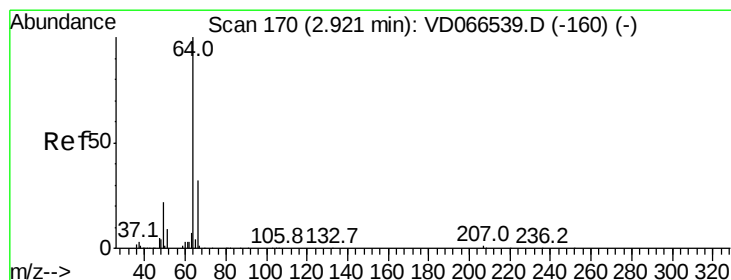
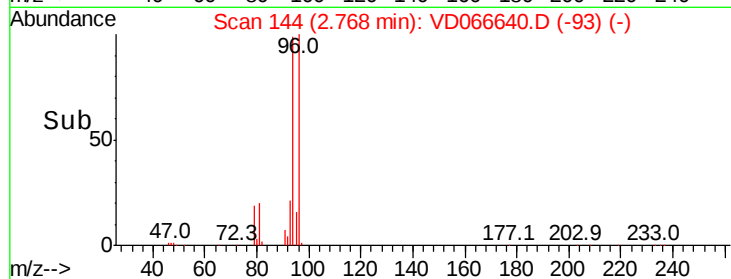
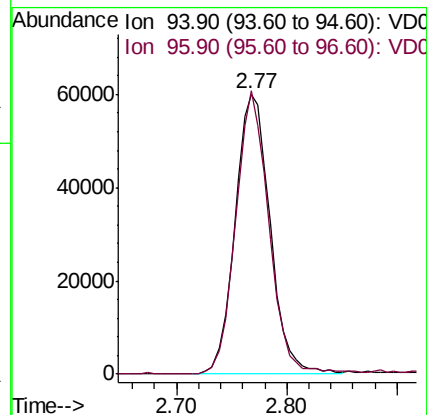
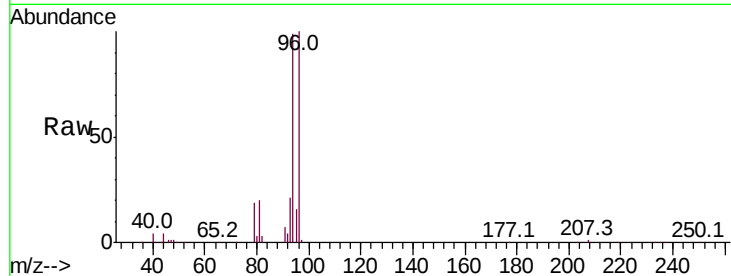
VSTDCCC050EC

Tot Ion: 94 Resp: 133601

Ion Ratio Lower Upper

94 100

96 100.7 65.2 97.8#



#6

Chloroethane

Concen: 42.067 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066640.D

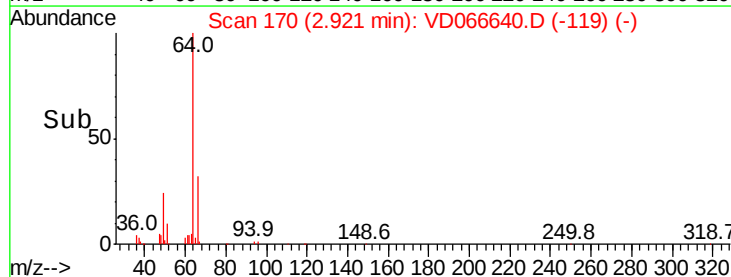
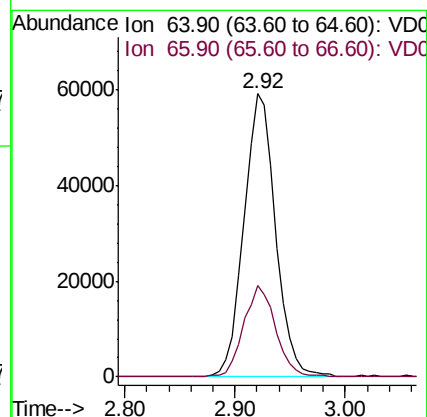
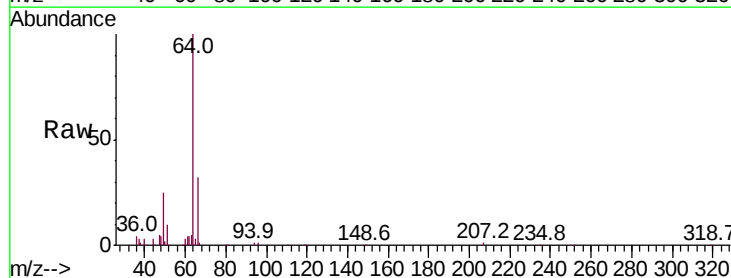
Acq: 11 Sep 2020 04:29

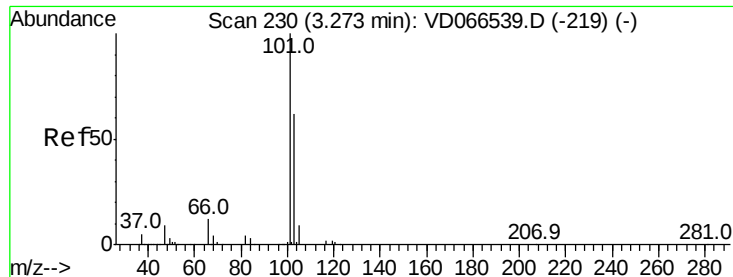
Tgt Ion: 64 Resp: 119676

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.0





#7

Trichlorofluoromethane

Concen: 41.850 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

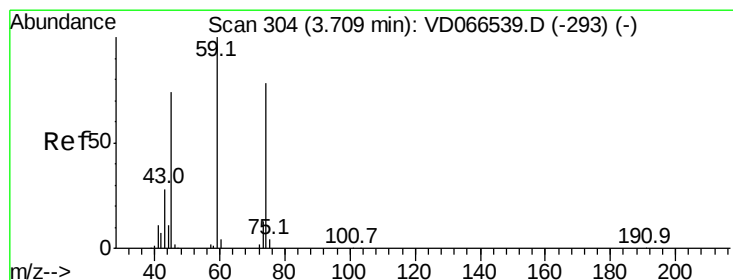
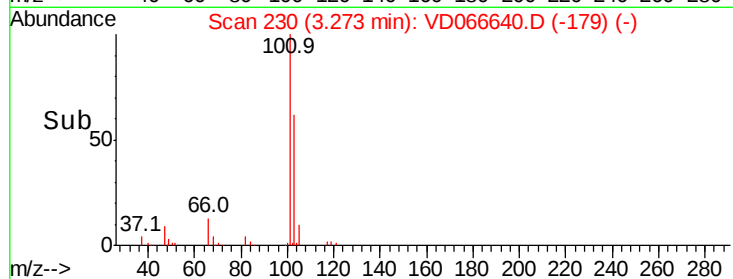
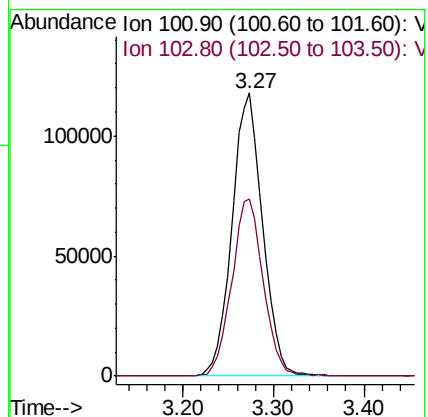
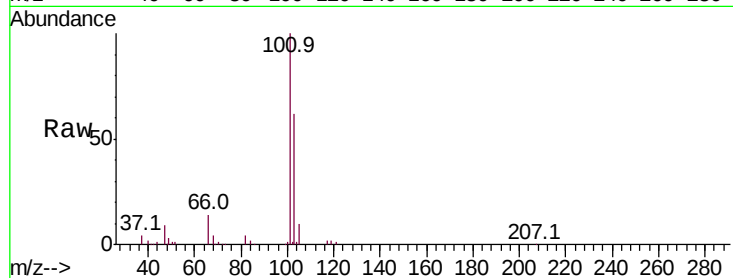
VSTDCCC050EC

Tot Ion:101 Resp: 276911

Ion Ratio Lower Upper

101 100

103 62.5 49.7 74.5



#8

Diethyl Ether

Concen: 49.761 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD066640.D

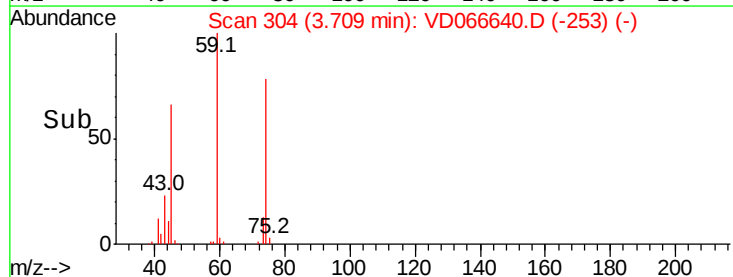
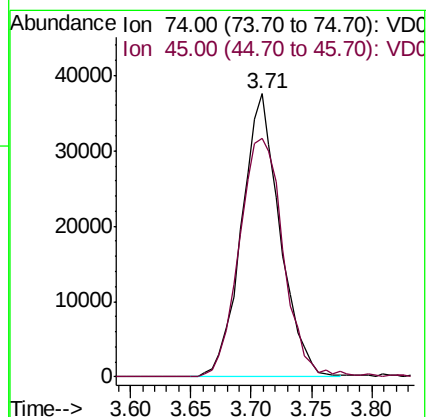
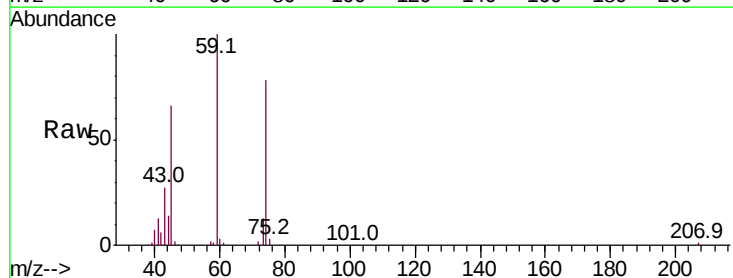
Acq: 11 Sep 2020 04:29

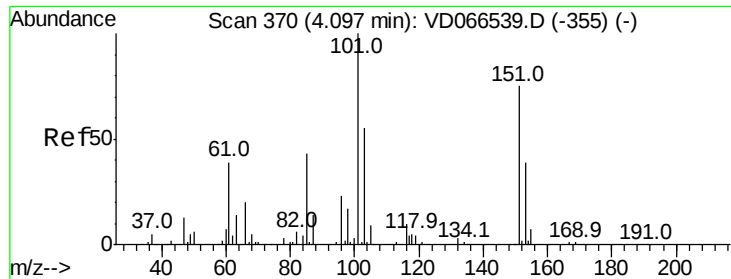
Tgt Ion: 74 Resp: 82910

Ion Ratio Lower Upper

74 100

45 96.9 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.764 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

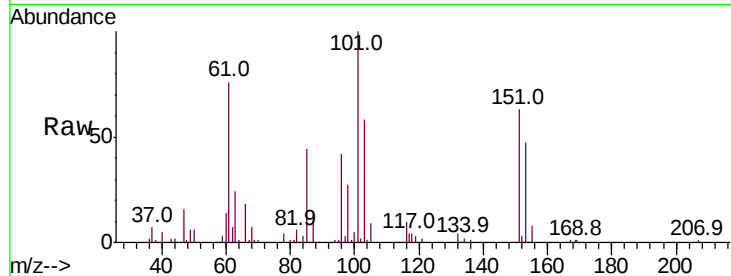
Tot Ion:101 Resp: 153137

Ion Ratio Lower Upper

101 100

85 45.3 37.0 55.6

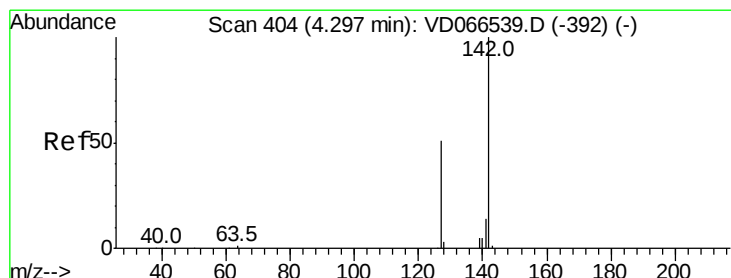
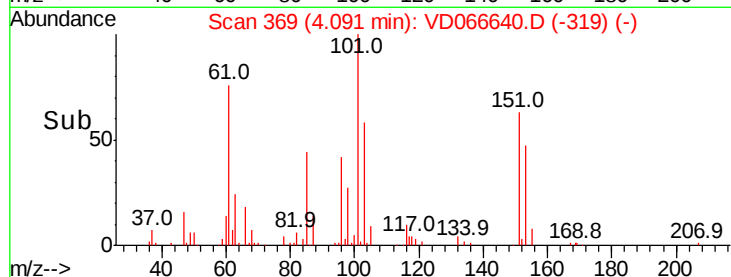
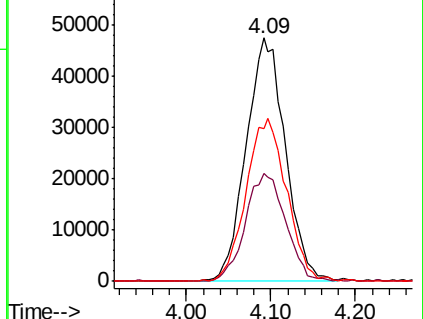
151 69.2 59.4 89.2



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: 46.479 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

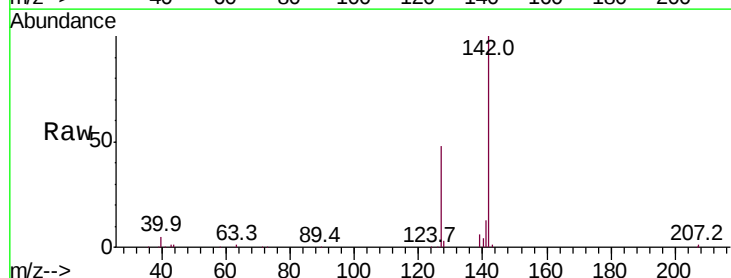
Tgt Ion:142 Resp: 150813

Ion Ratio Lower Upper

142 100

127 51.6 40.6 61.0

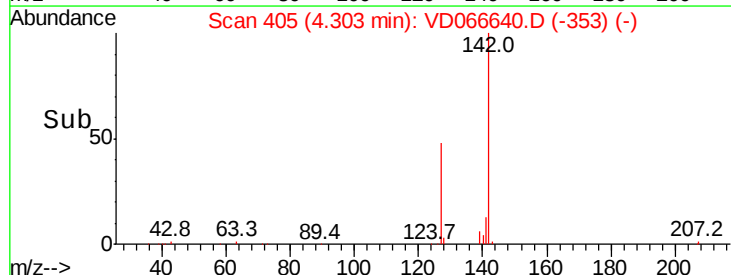
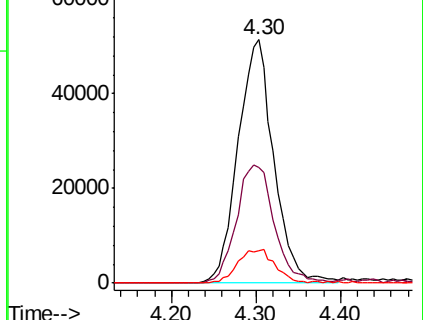
141 14.4 12.2 18.4

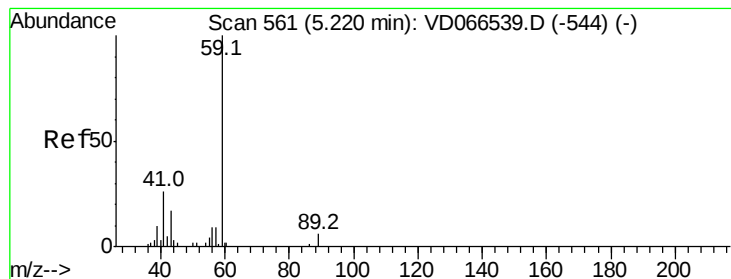


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



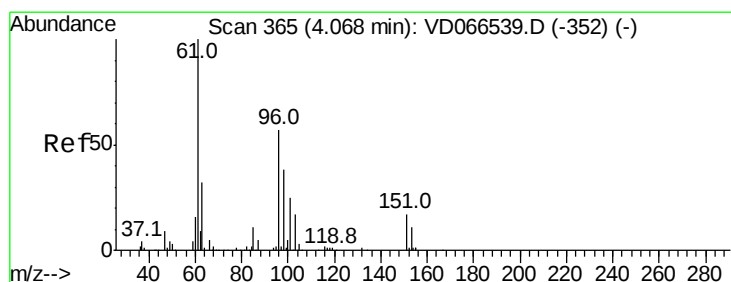
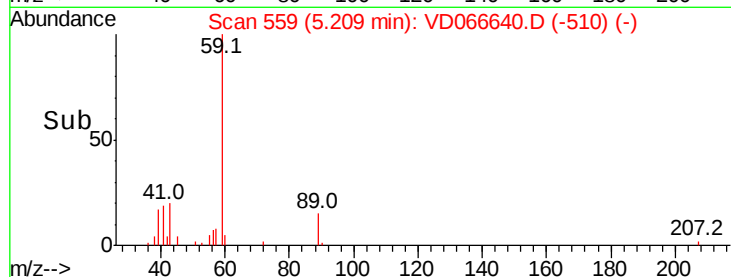
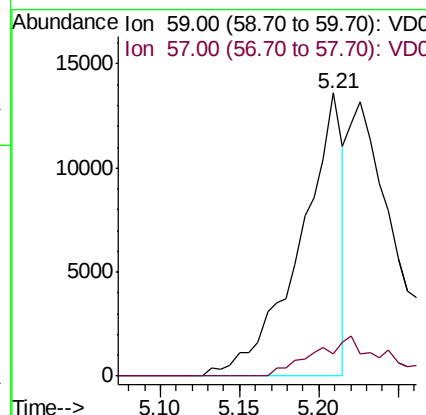
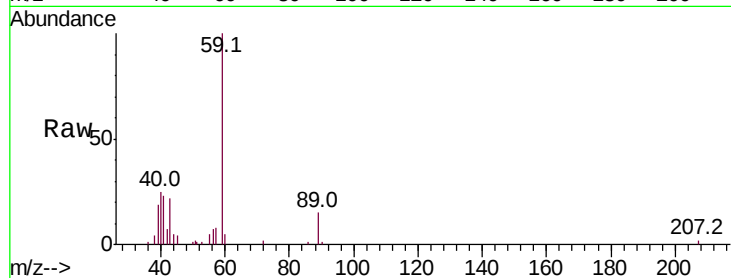


#11

Tert butyl alcohol
Concen: 73.275 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

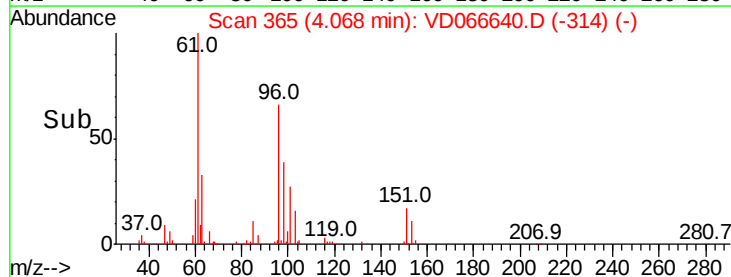
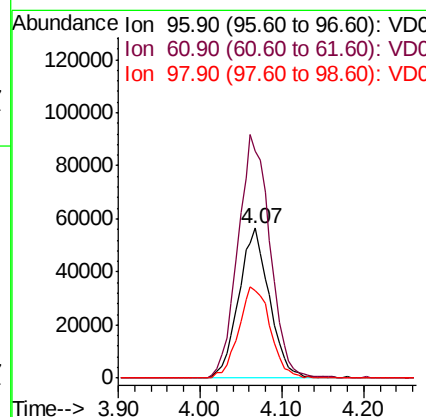
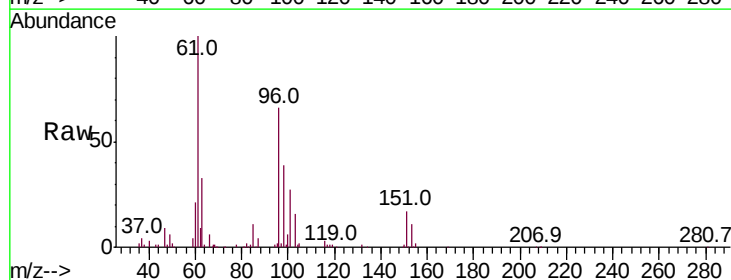
Tot Ion: 59 Resp: 25466
Ion Ratio Lower Upper
59 100
57 22.4 7.6 11.4#

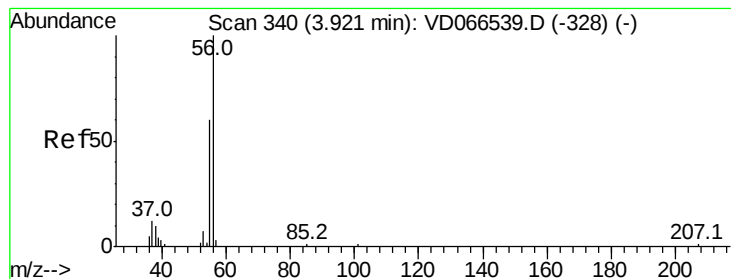


#12

1,1-Dichloroethene
Concen: 45.932 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 96 Resp: 147774
Ion Ratio Lower Upper
96 100
61 151.5 140.9 211.3
98 58.6 53.2 79.8





#13

Acrolein

Concen: 259.726 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

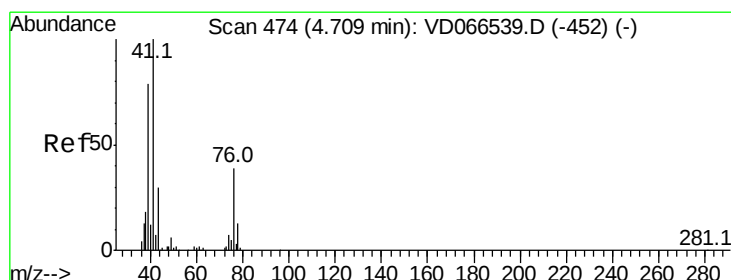
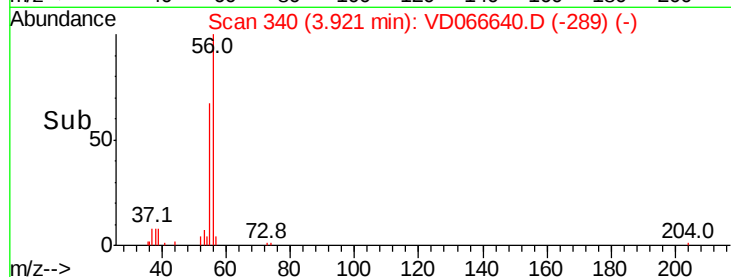
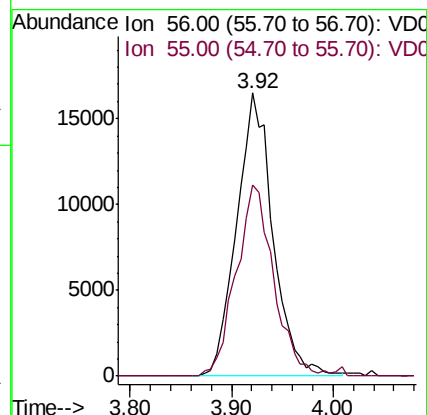
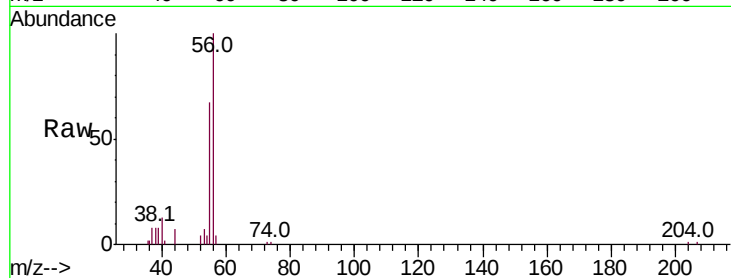
VSTDCCC050EC

Tot Ion: 56 Resp: 41030

Ion Ratio Lower Upper

56 100

55 69.6 53.6 80.4



#14

Allyl chloride

Concen: 49.342 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

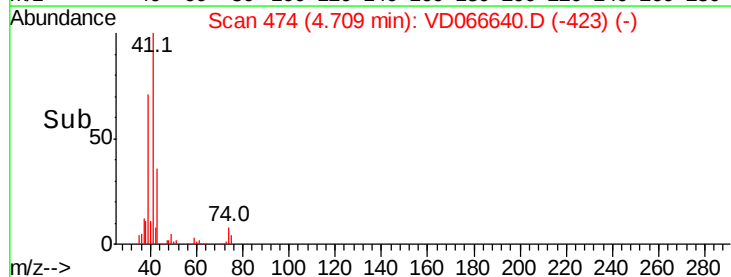
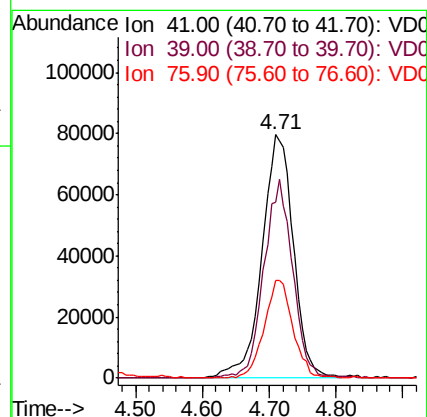
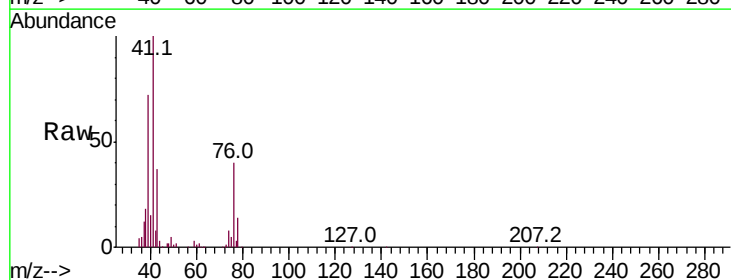
Tgt Ion: 41 Resp: 260163

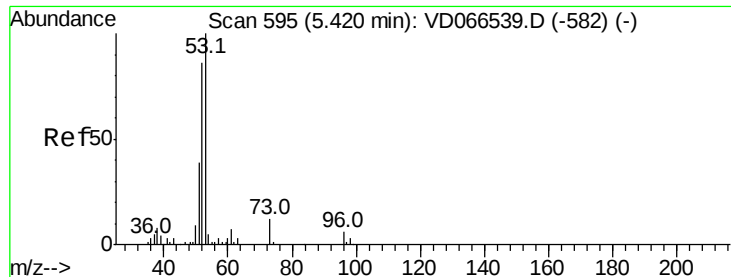
Ion Ratio Lower Upper

41 100

39 74.8 61.9 92.9

76 36.8 29.0 43.6





#15

Acrylonitrile

Concen: 278.810 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

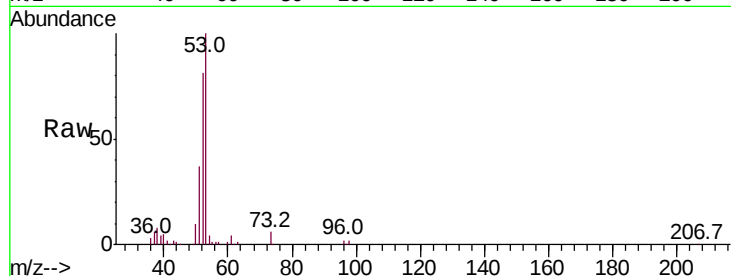
Tot Ion: 53 Resp: 199558

Ion Ratio Lower Upper

53 100

52 82.0 65.4 98.2

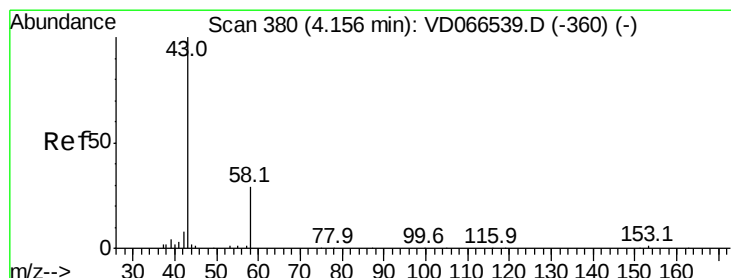
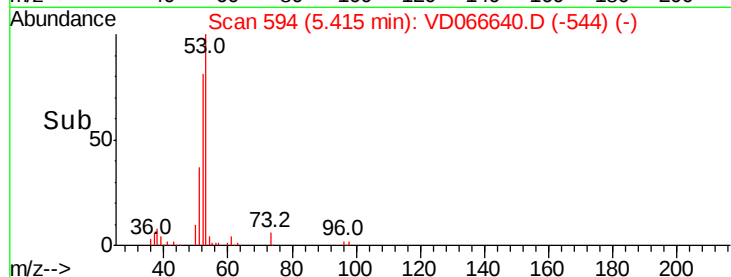
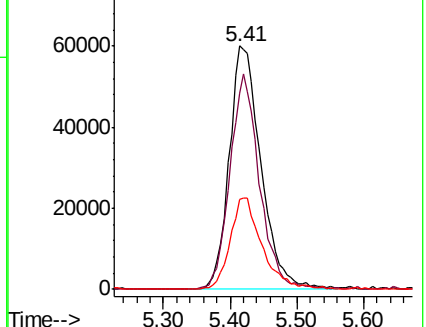
51 37.8 31.2 46.8



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: 216.834 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066640.D

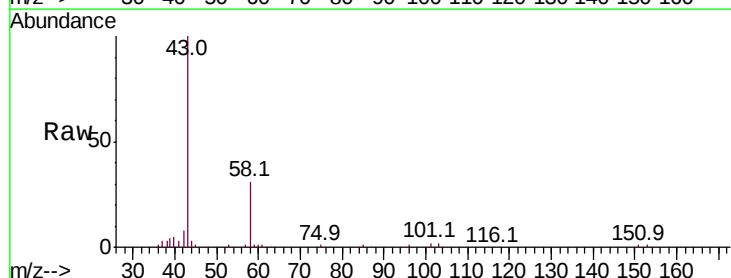
Acq: 11 Sep 2020 04:29

Tgt Ion: 43 Resp: 154143

Ion Ratio Lower Upper

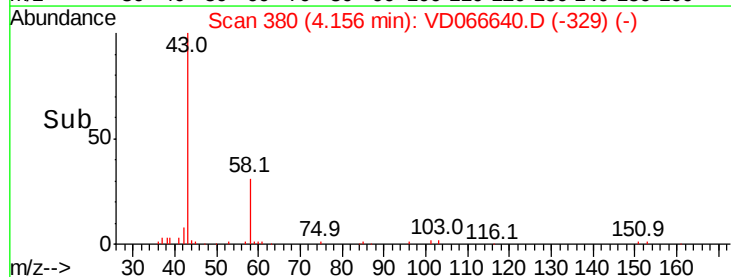
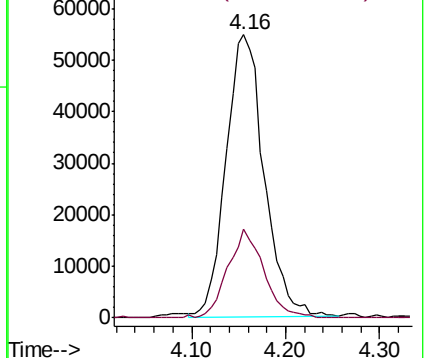
43 100

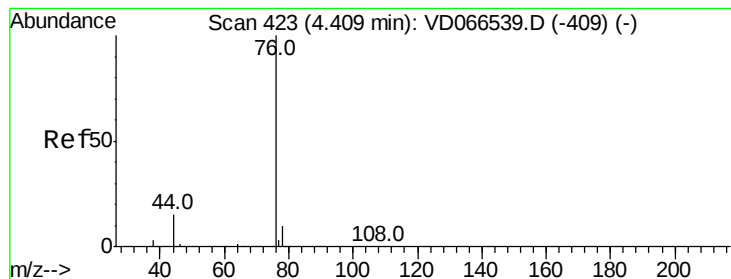
58 31.5 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 44.473 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

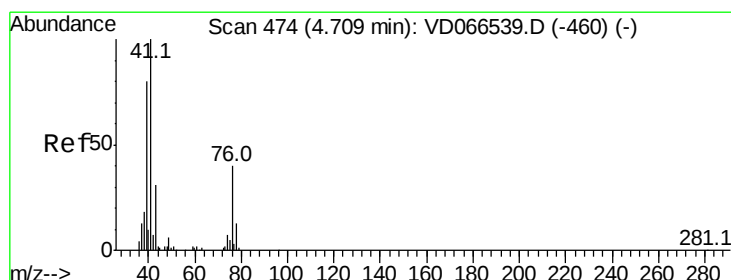
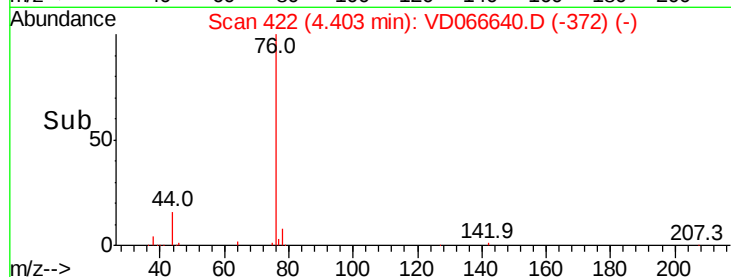
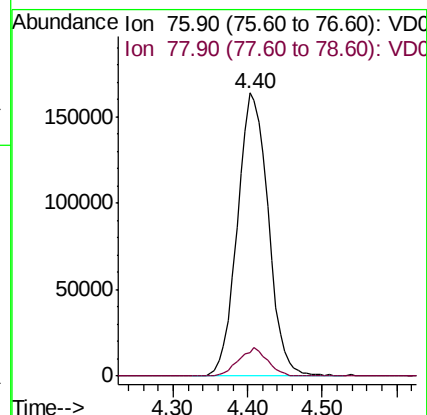
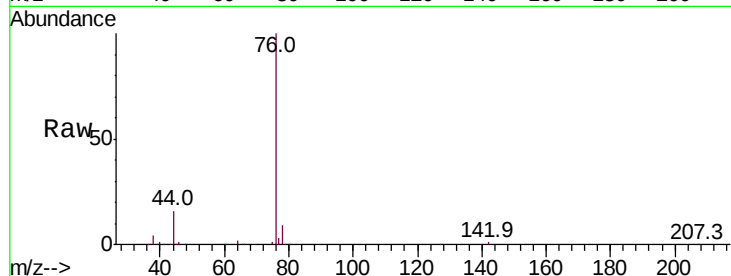
VSTDCCC050EC

Tot Ion: 76 Resp: 470362

Ion Ratio Lower Upper

76 100

78 8.5 7.6 11.4



#18

Methyl Acetate

Concen: 55.238 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066640.D

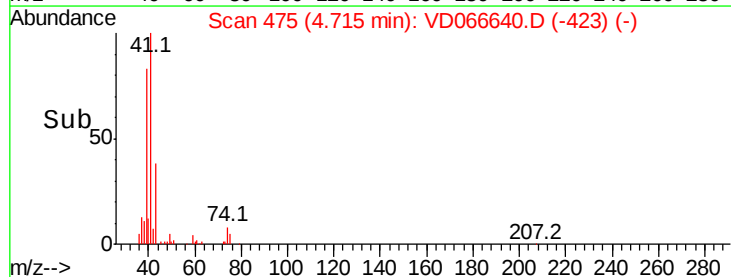
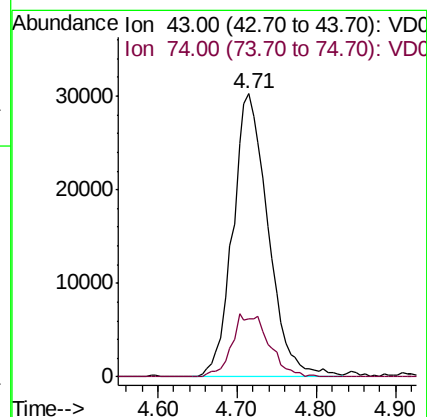
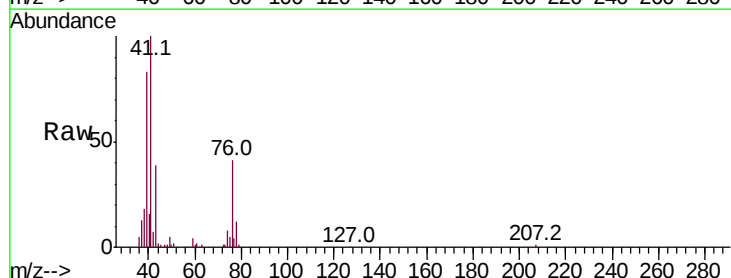
Acq: 11 Sep 2020 04:29

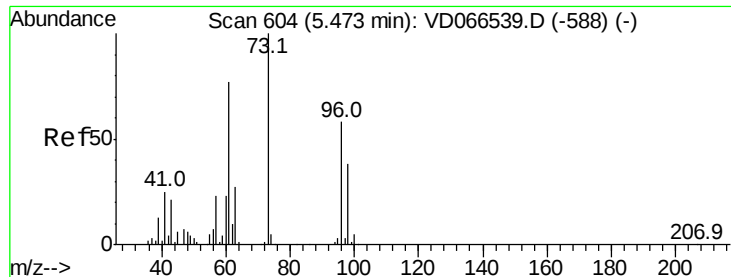
Tgt Ion: 43 Resp: 93606

Ion Ratio Lower Upper

43 100

74 23.1 18.0 27.0

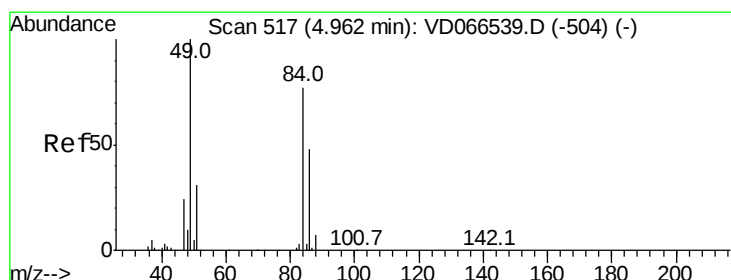
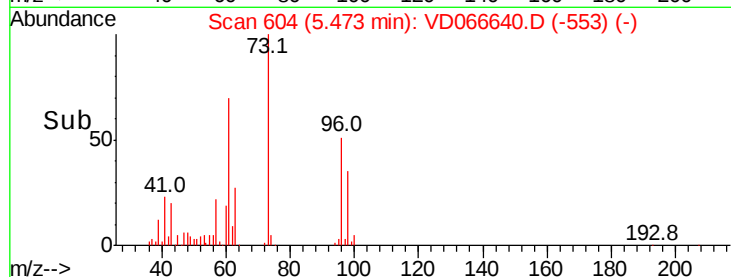
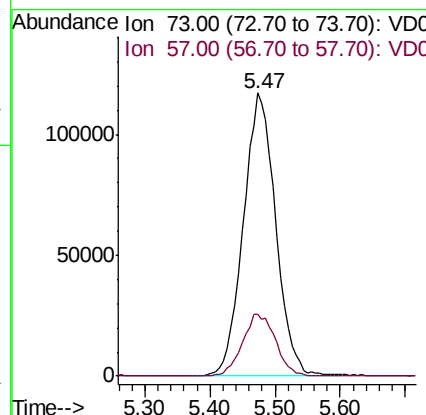
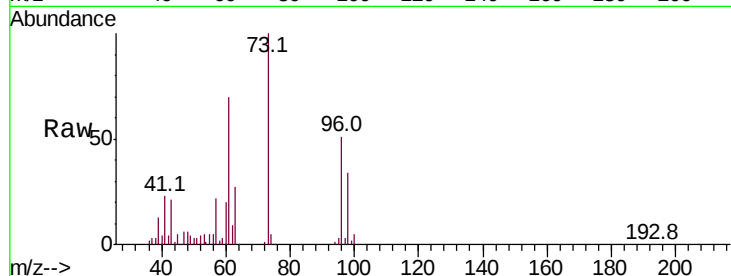




#19
Methvl tert-butvl Ether
Concen: 53.454 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

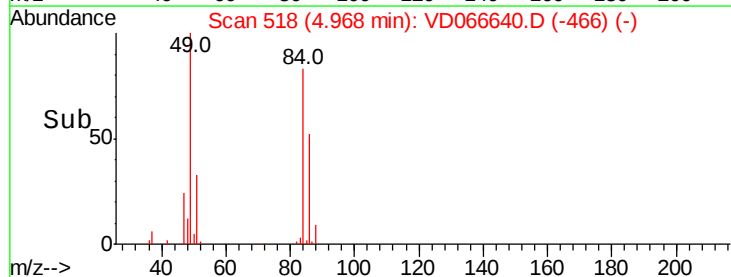
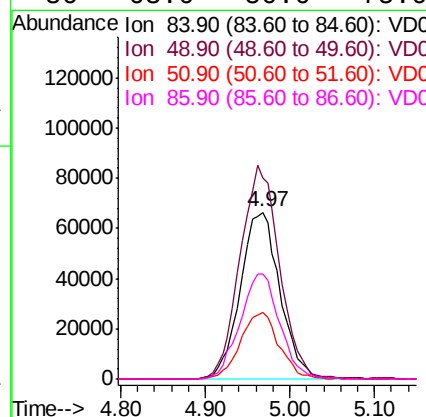
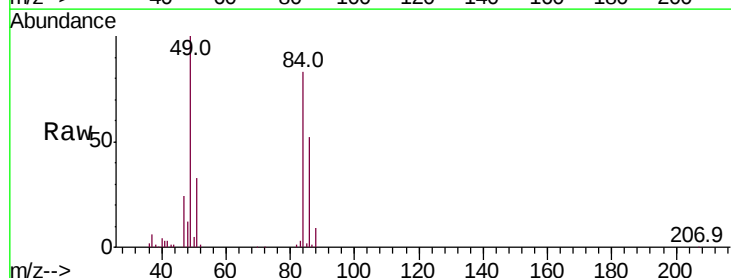
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

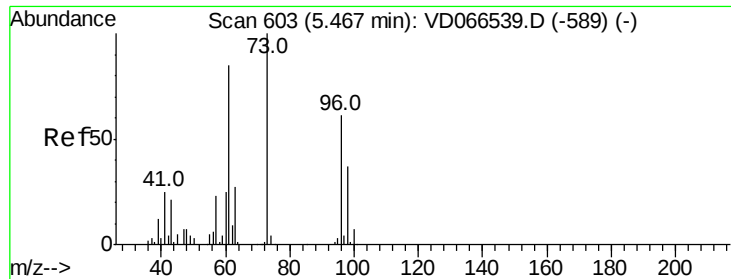
Tot Ion: 73 Resp: 403284
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5



#20
Methylene Chloride
Concen: 56.664 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 84 Resp: 216107
Ion Ratio Lower Upper
84 100
49 120.8 104.3 156.5
51 40.2 32.2 48.4
86 63.0 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 48.959 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

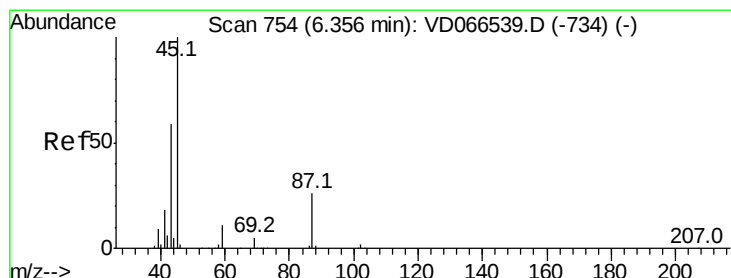
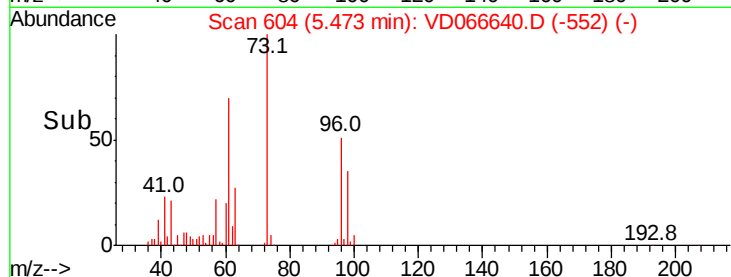
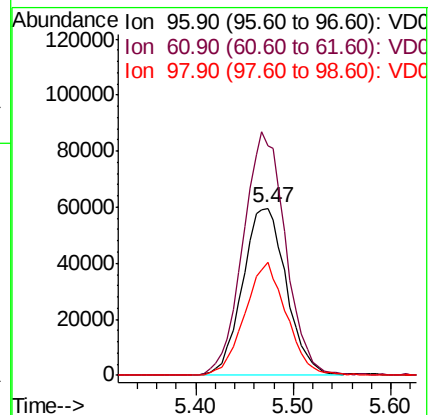
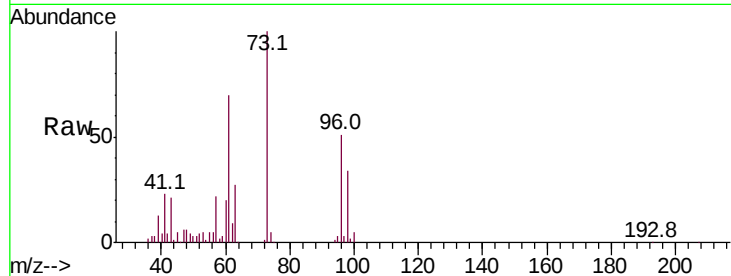
Tot Ion: 96 Resp: 187047

Ion Ratio Lower Upper

96 100

61 137.2 112.1 168.1

98 67.8 48.6 72.8



#22

Diisopropyl ether

Concen: 55.122 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Tgt Ion: 45 Resp: 597677

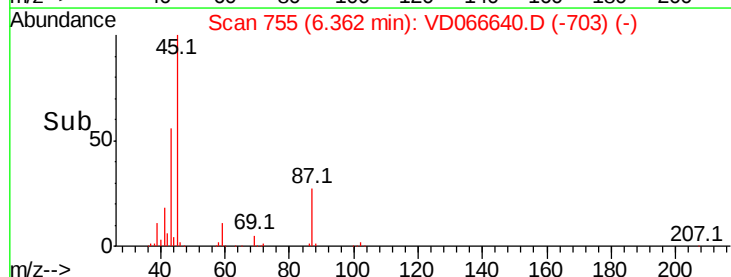
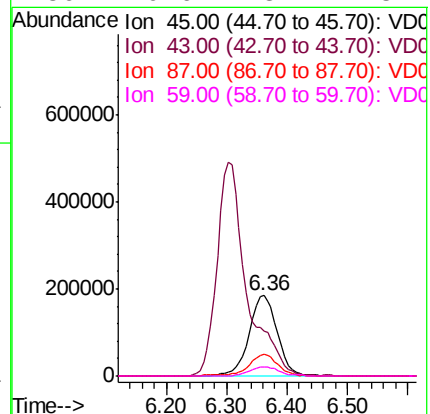
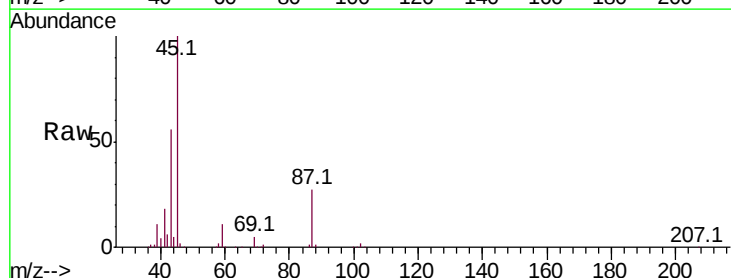
Ion Ratio Lower Upper

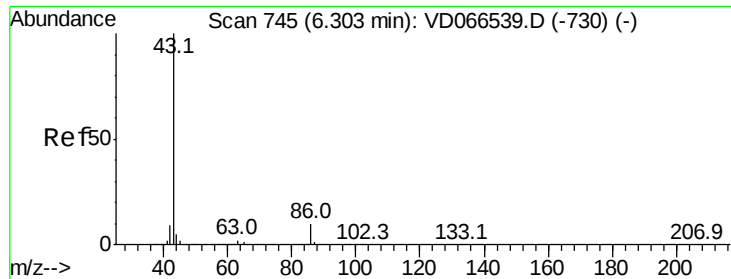
45 100

43 54.9 47.0 70.4

87 27.1 21.3 31.9

59 10.6 8.7 13.1





#23

Vinyl Acetate

Concen: 270.265 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleID :

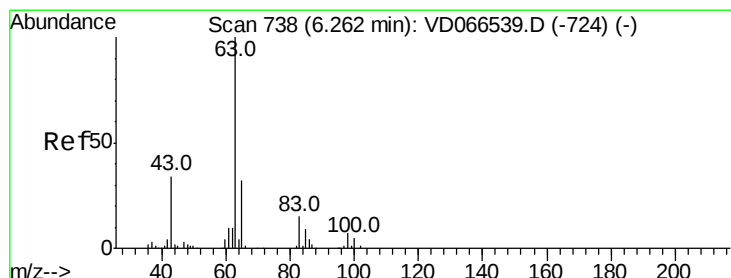
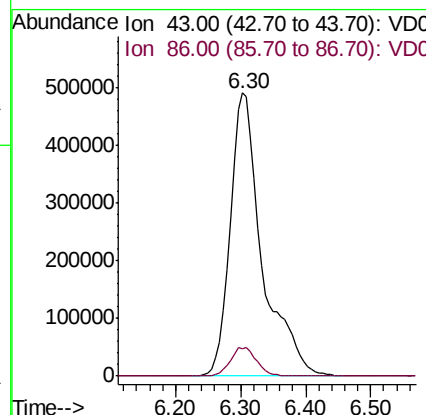
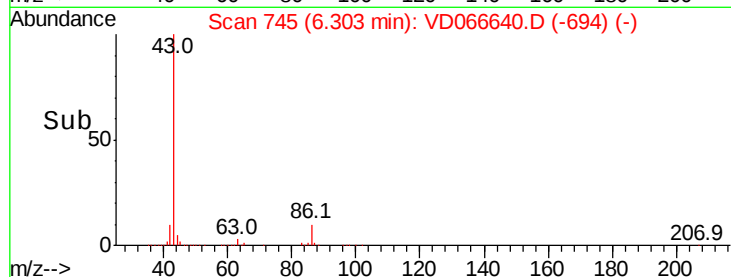
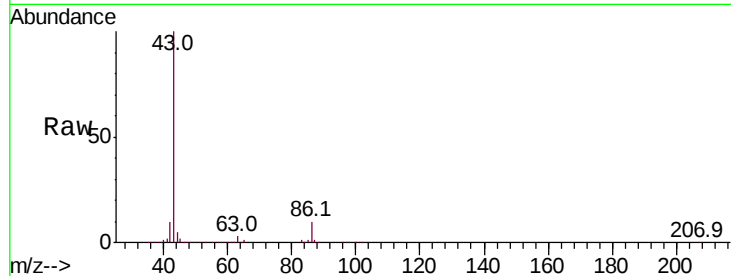
VSTDCCC050EC

Tot Ion: 43 Resp: 1667618

Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



#24

1,1-Dichloroethane

Concen: 50.800 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

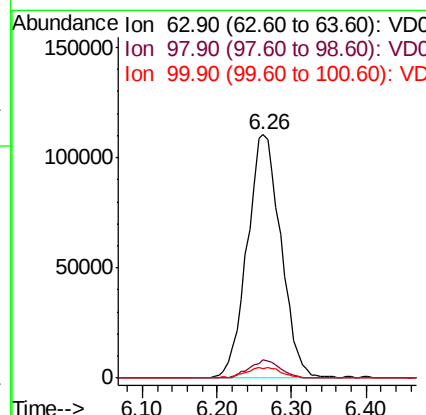
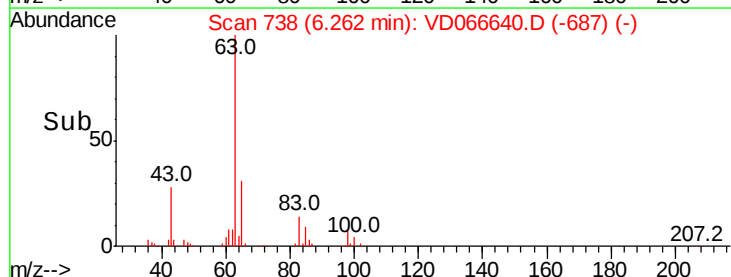
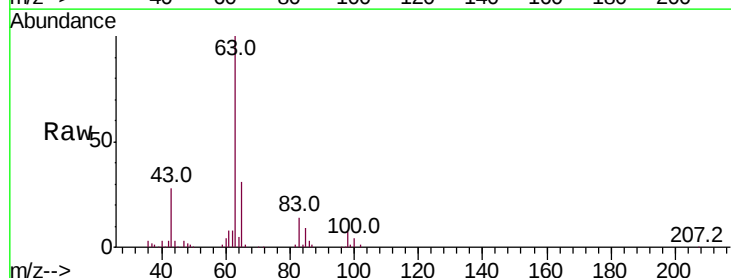
Tgt Ion: 63 Resp: 346384

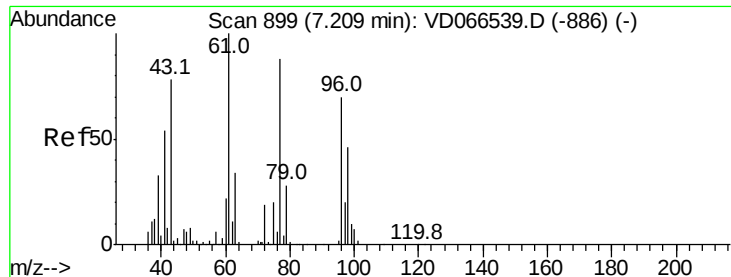
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 3.7 2.5 7.4





#25

2-Butanone

Concen: 250.517 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

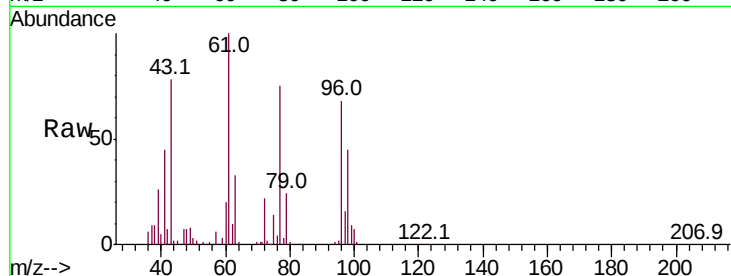
VSTDCCC050EC

Tot Ion: 43 Resp: 239063

Ion Ratio Lower Upper

43 100

72 28.9 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

100000

80000

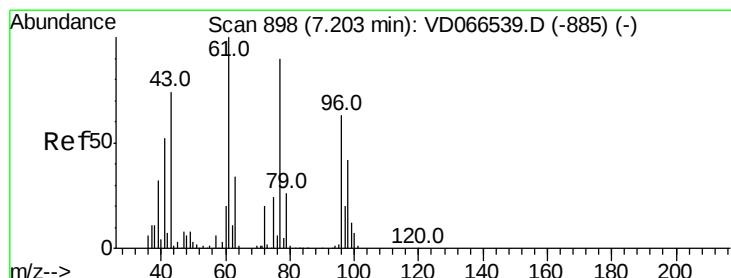
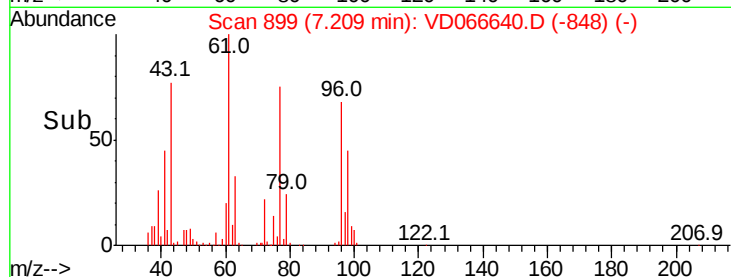
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 40.859 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066640.D

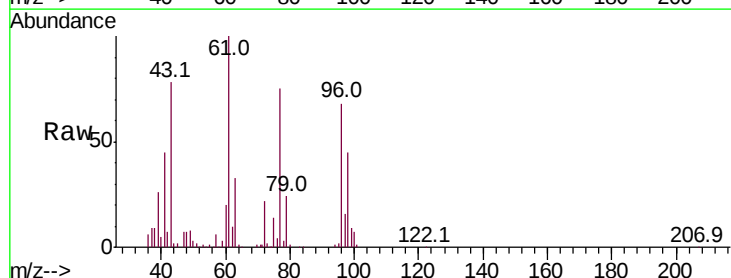
Acq: 11 Sep 2020 04:29

Tgt Ion: 77 Resp: 255555

Ion Ratio Lower Upper

77 100

97 22.0 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

100000

80000

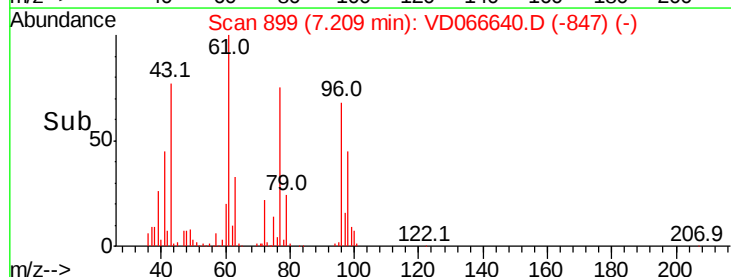
60000

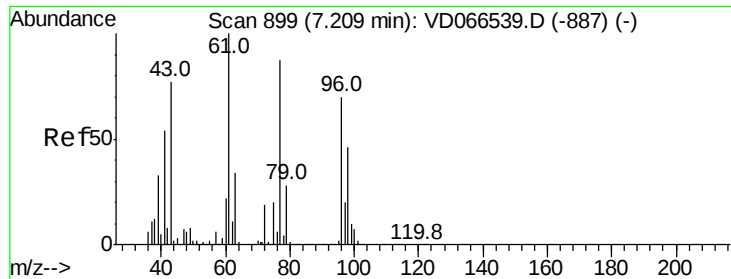
40000

20000

0

Time-->



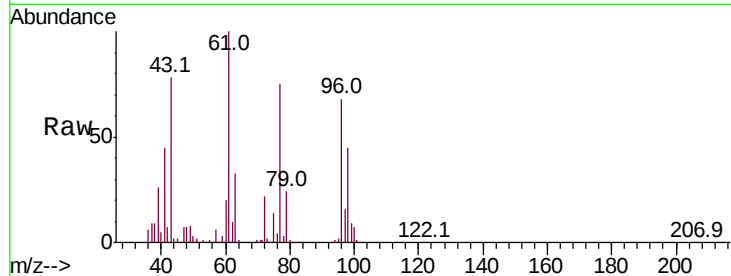


#27

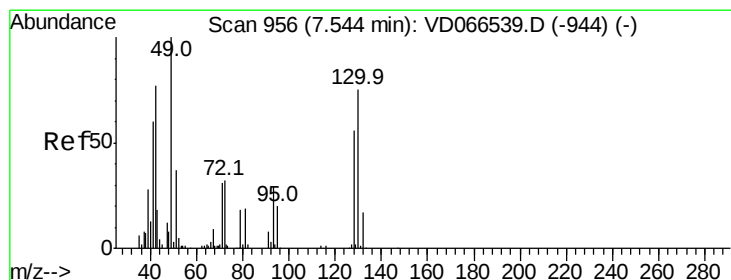
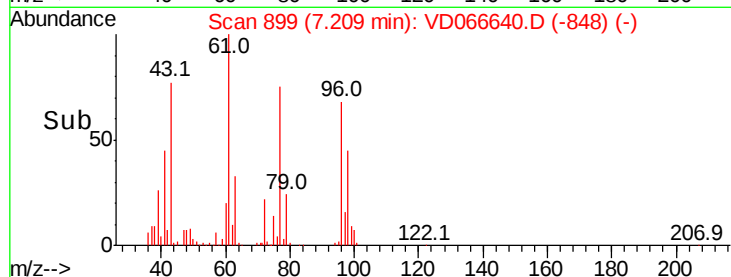
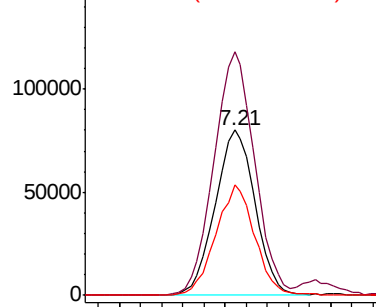
cis-1,2-Dichloroethene
 Concen: 51.419 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 211250
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 301.0
 98 64.9 0.0 129.8



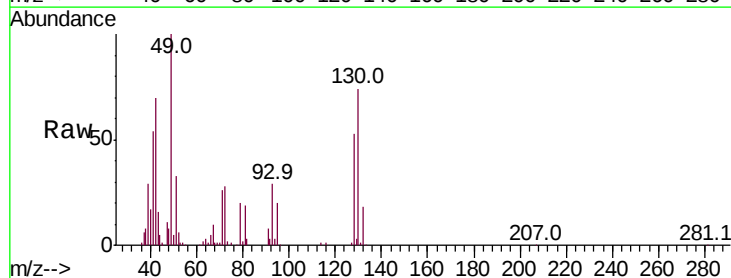
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



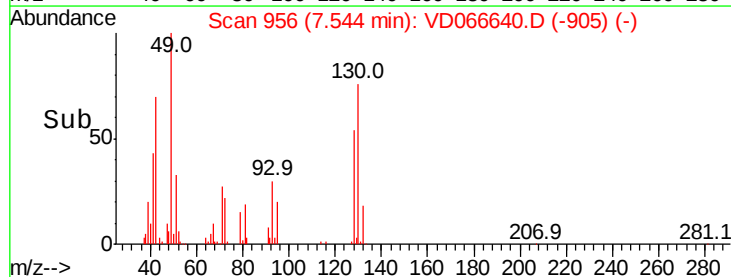
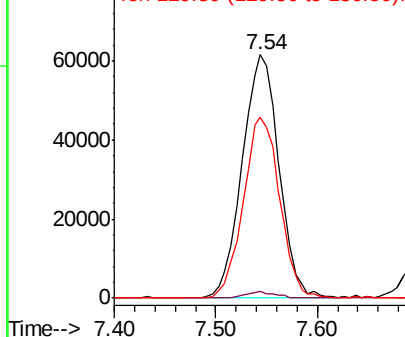
#28

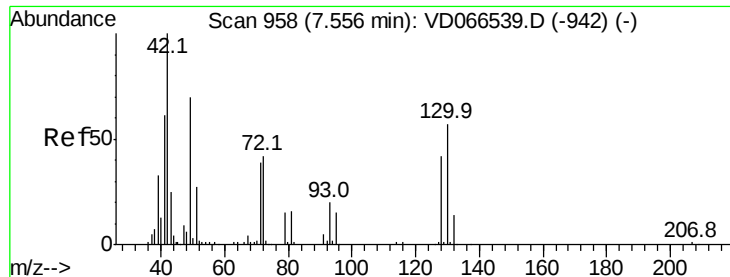
Bromochloromethane
 Concen: 59.252 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion: 49 Resp: 155541
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.6
 130 73.6 58.2 87.2



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





#29

Tetrahydrofuran

Concen: 278.601 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

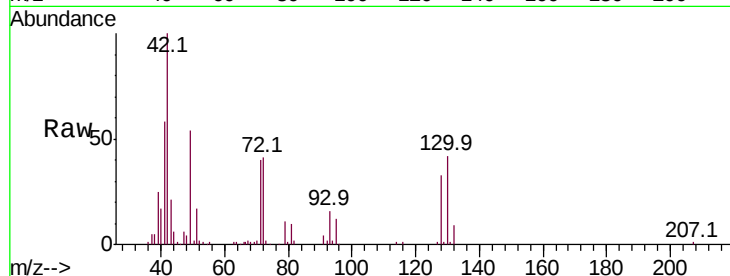
Tot Ion: 42 Resp: 165577

Ion Ratio Lower Upper

42 100

72 42.2 33.4 50.0

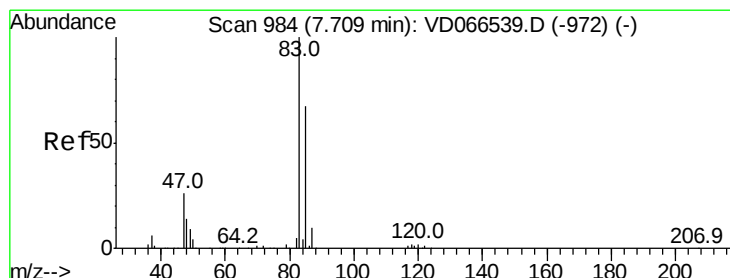
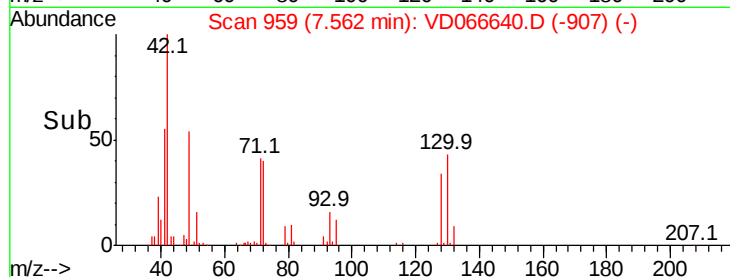
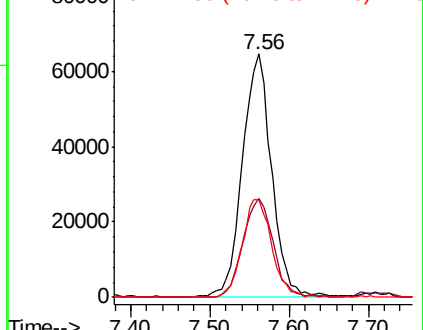
71 40.3 31.9 47.9



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: 52.113 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066640.D

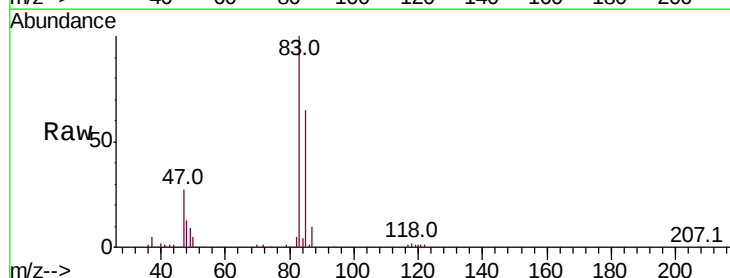
Acq: 11 Sep 2020 04:29

Tgt Ion: 83 Resp: 375924

Ion Ratio Lower Upper

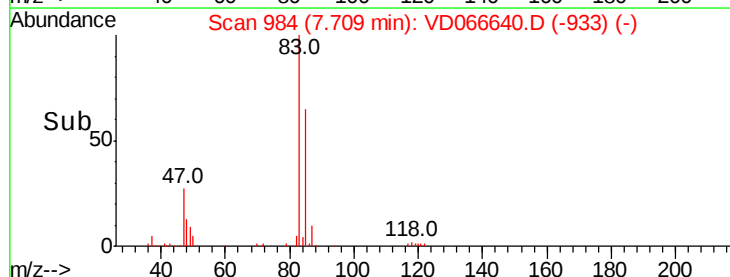
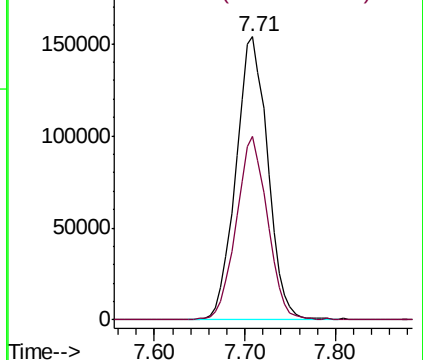
83 100

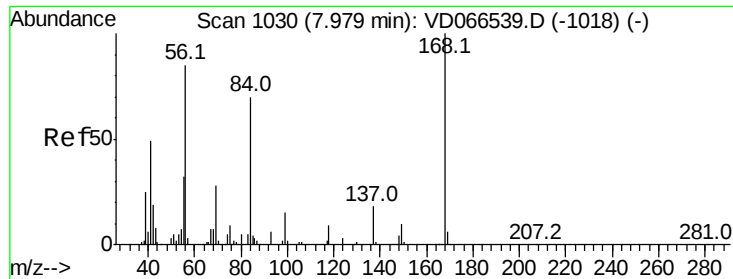
85 65.0 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

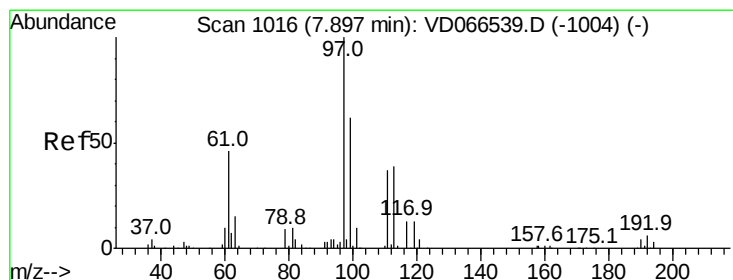
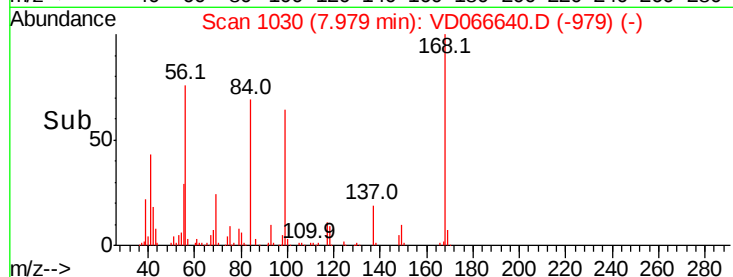
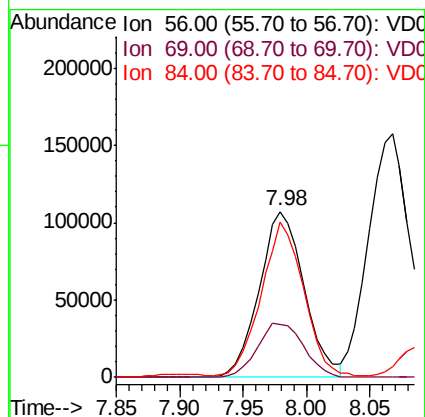
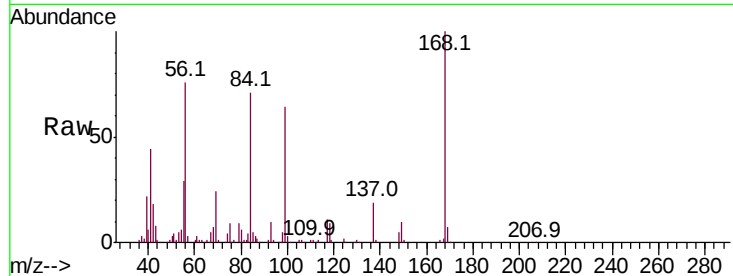




#31
Cyclohexane
Concen: 41.911 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

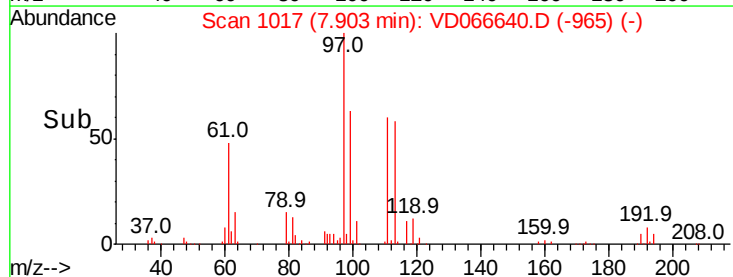
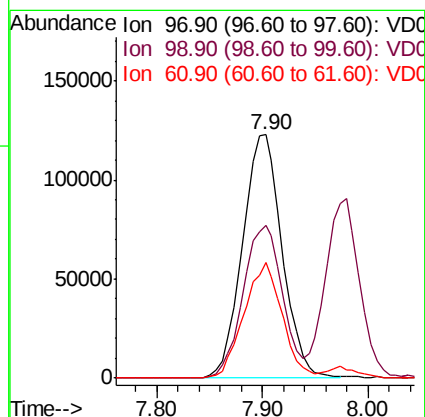
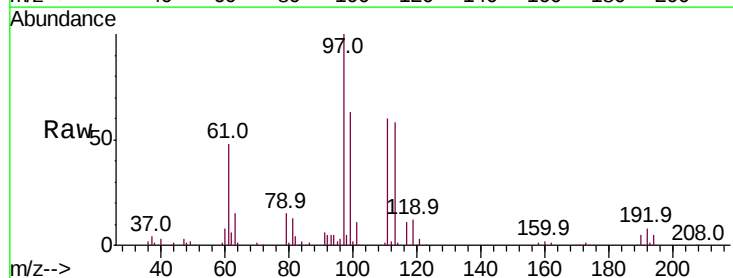
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

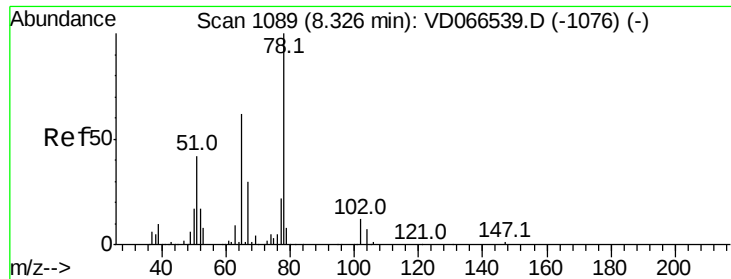
Tot Ion: 56 Resp: 264161
Ion Ratio Lower Upper
56 100
69 32.1 26.3 39.5
84 91.5 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 47.062 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 97 Resp: 319182
Ion Ratio Lower Upper
97 100
99 62.7 51.4 77.0
61 45.8 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 56.645 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

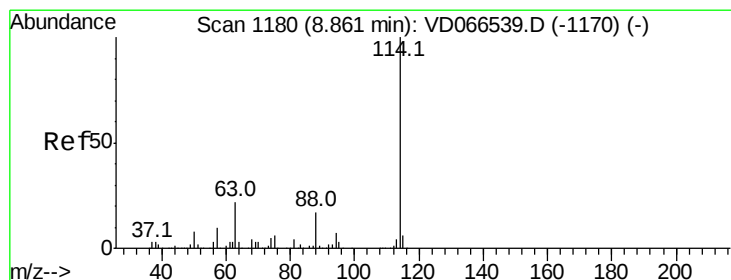
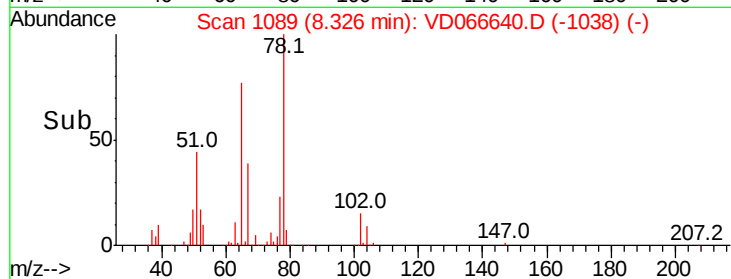
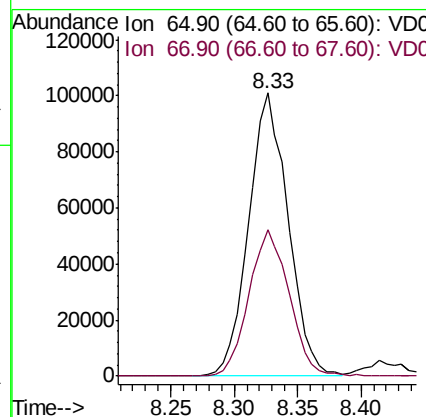
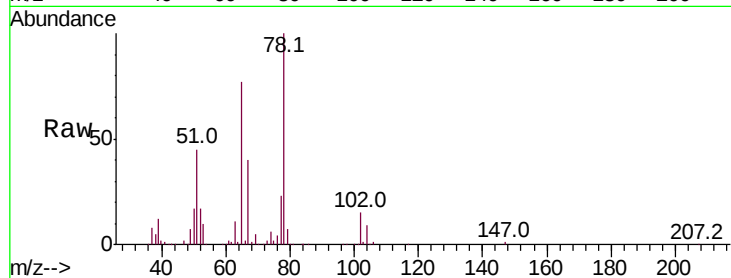
Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 218851

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

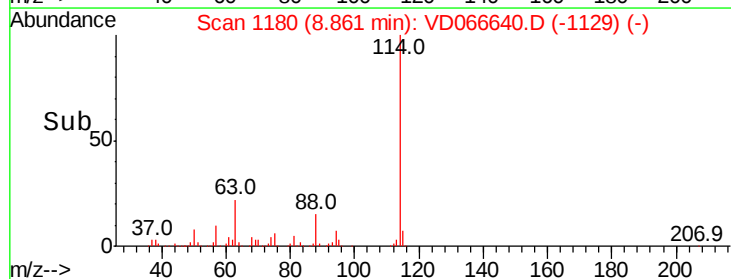
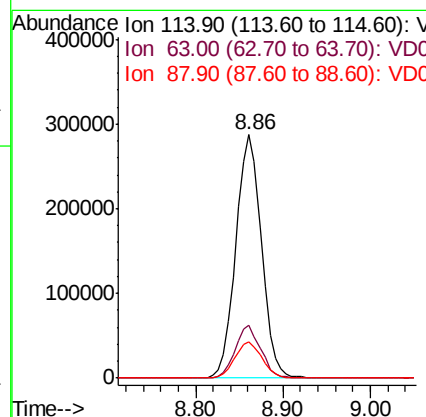
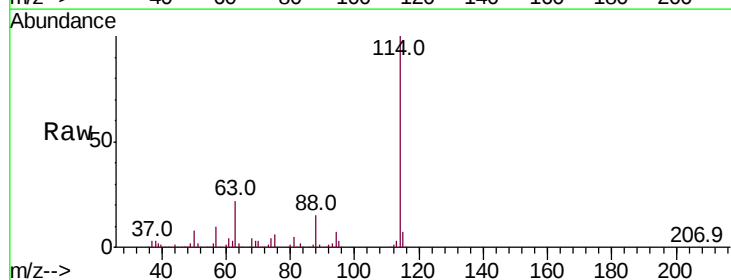
Delta R.T. 0.00 min

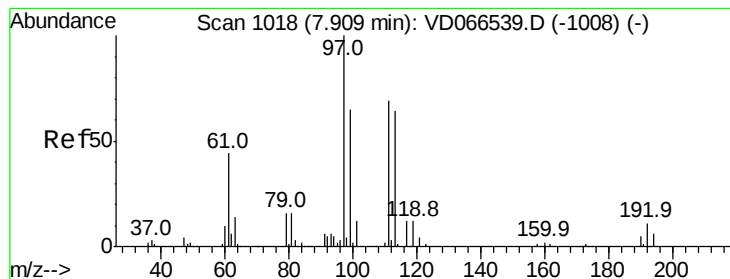
Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Tgt Ion: 114 Resp: 569893

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	14.9	0.0	33.2





#35

Dibromofluoromethane

Concen: 53.202 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

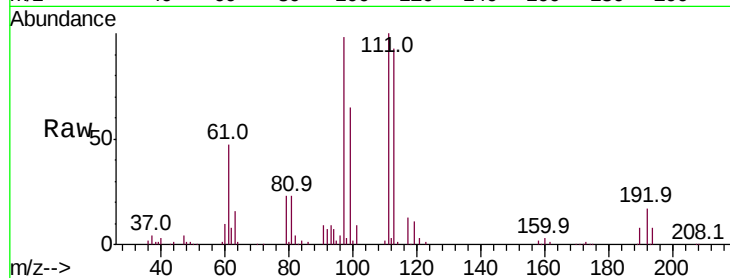
Tot Ion:113 Resp: 204538

Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

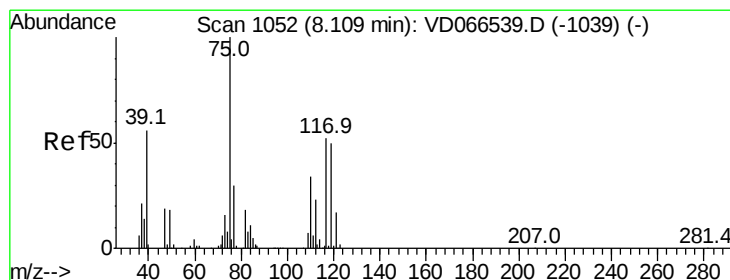
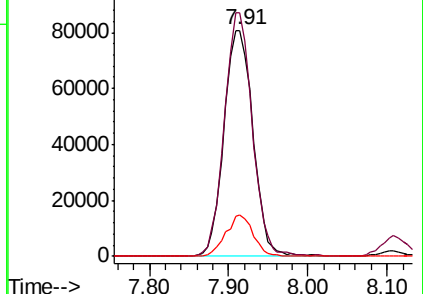
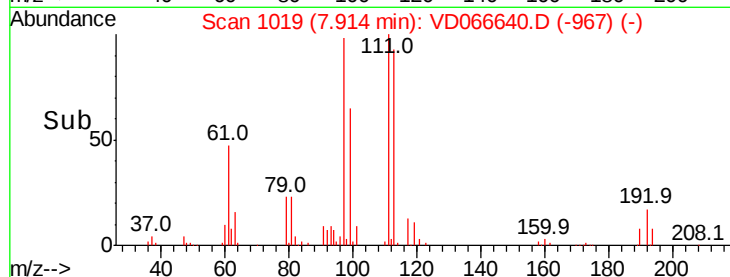
192 17.2 13.7 20.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.789 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

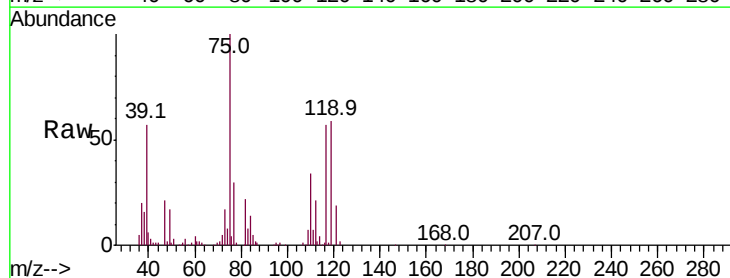
Tgt Ion: 75 Resp: 259703

Ion Ratio Lower Upper

75 100

110 34.7 17.3 52.0

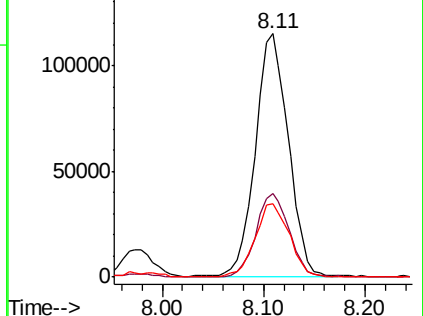
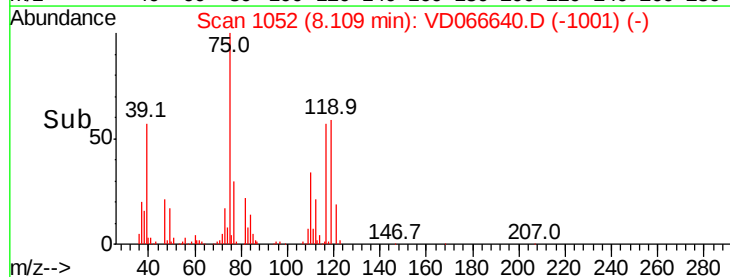
77 31.7 25.1 37.7

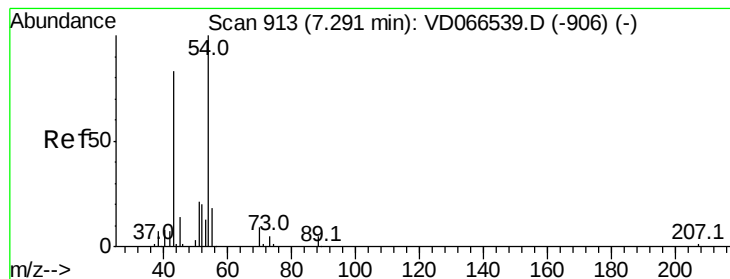


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 51.887 ug/l

RT: 7.29 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

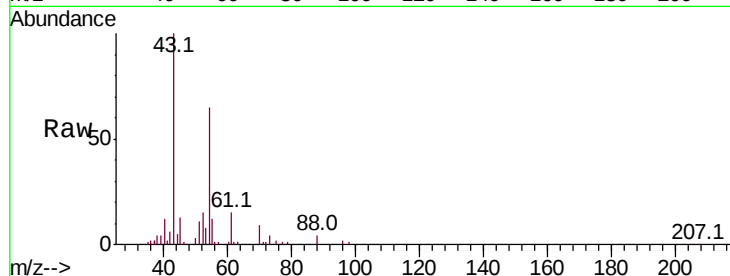
Tot Ion: 43 Resp: 122538

Ion Ratio Lower Upper

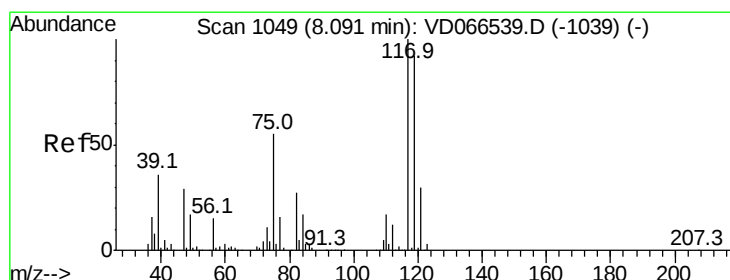
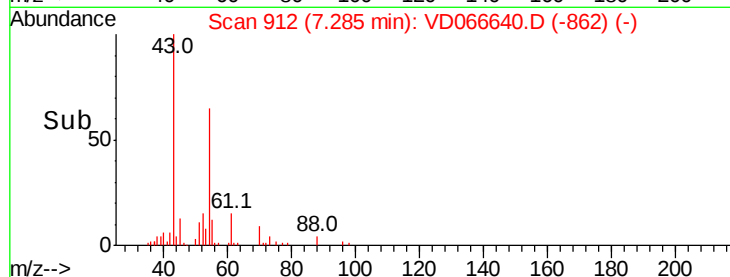
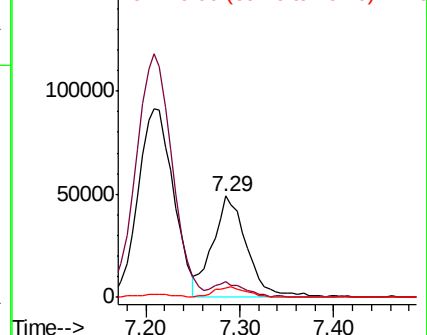
43 100

61 13.7 11.8 17.8

70 10.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 43.422 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

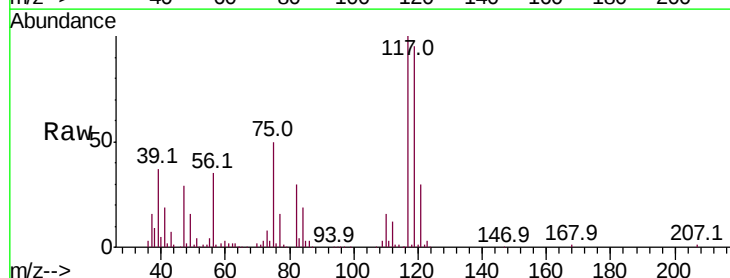
Tgt Ion: 117 Resp: 272206

Ion Ratio Lower Upper

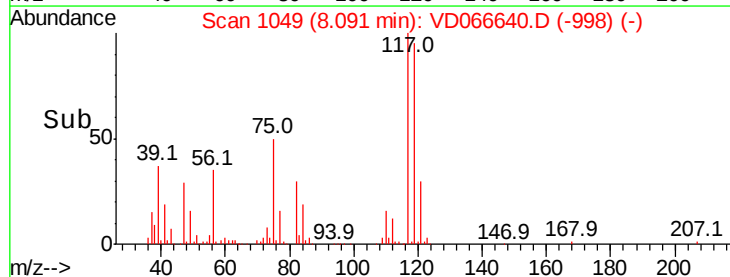
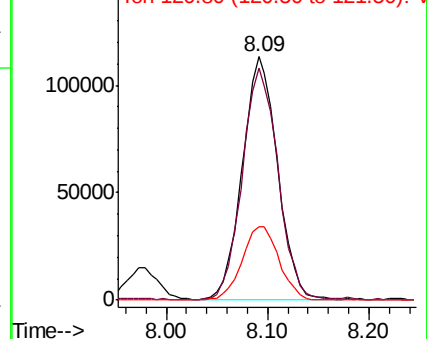
117 100

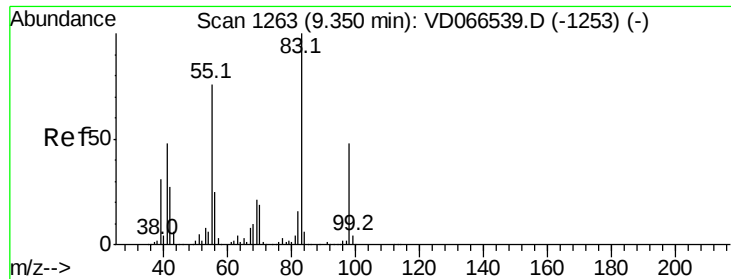
119 95.5 73.9 110.9

121 30.3 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

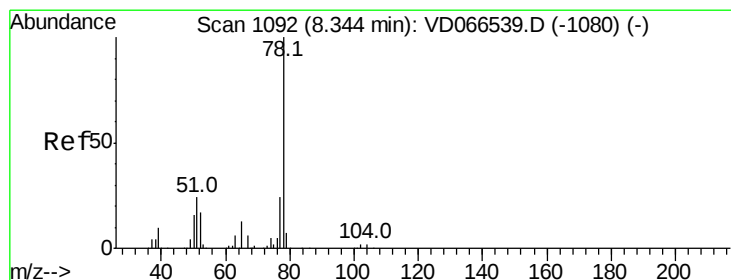
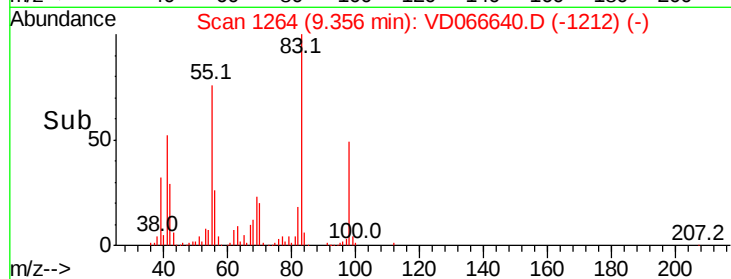
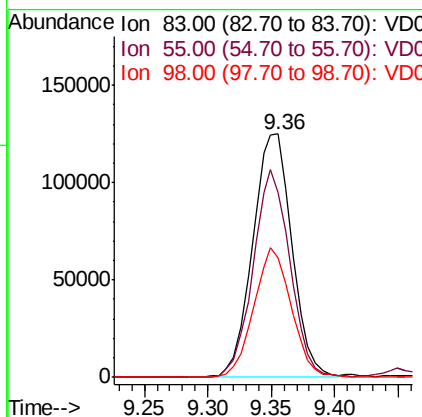
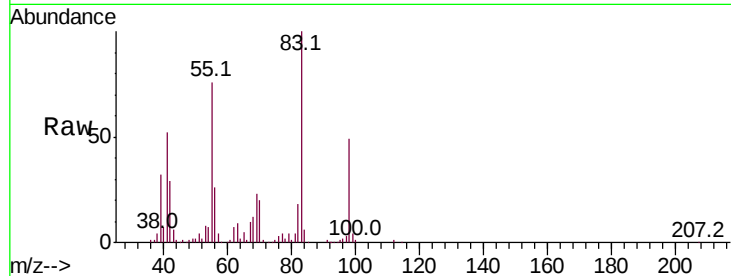




#39
Methvlcvclohexane
Concen: 40.628 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

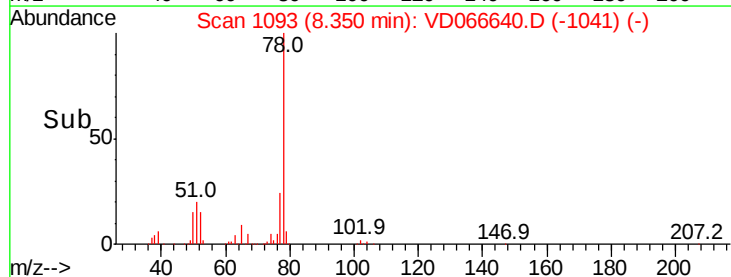
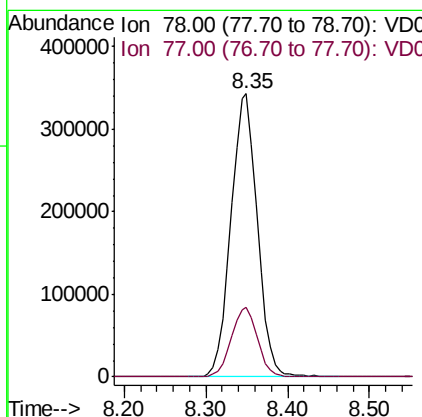
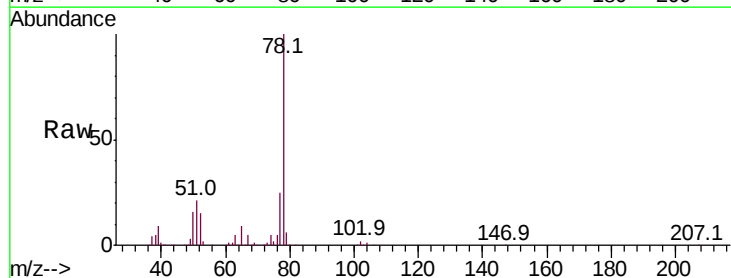
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

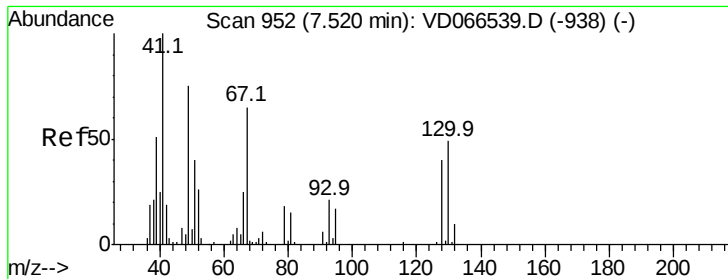
Tot Ion	83	Resp	269067
Ion	Ratio	Lower	Upper
83	100		
55	75.8	60.8	91.2
98	49.1	38.6	58.0



#40
Benzene
Concen: 47.478 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	78	Resp	771202
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.1	28.7





#41

Methacrylonitrile

Concen: 144.861 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.04 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 165602

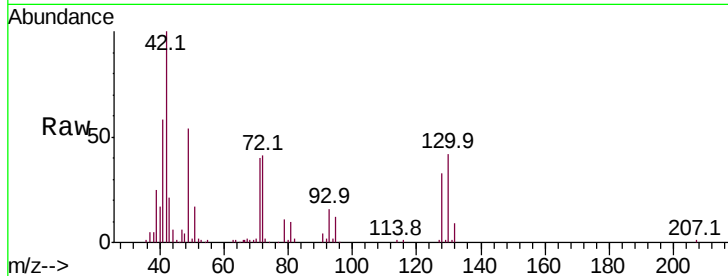
Ion Ratio Lower Upper

41 100

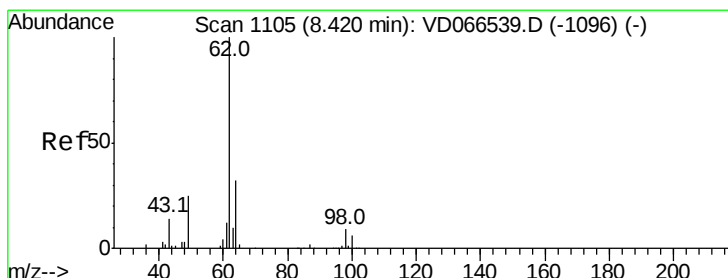
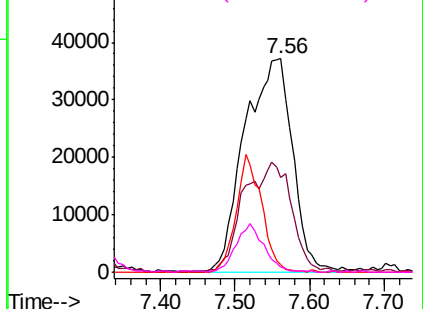
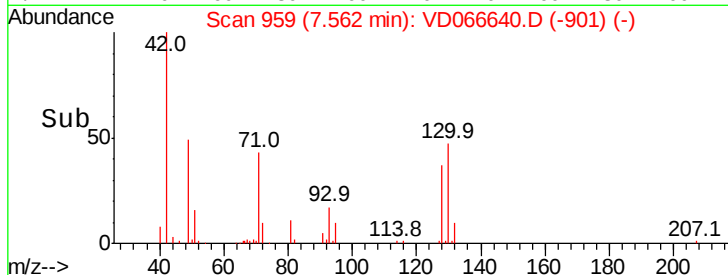
39 51.6 53.6 80.4#

67 0.0 59.2 88.8#

52 0.0 26.8 40.2#



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



#42

1,2-Dichloroethane

Concen: 47.323 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066640.D

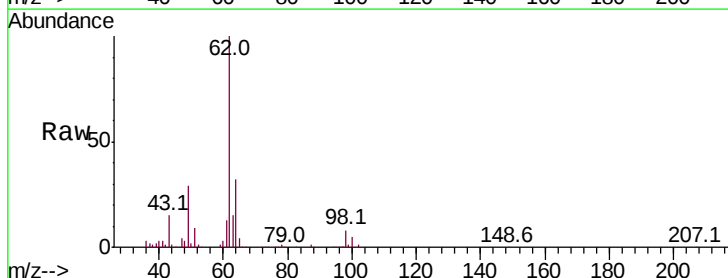
Acq: 11 Sep 2020 04:29

Tgt Ion: 62 Resp: 249055

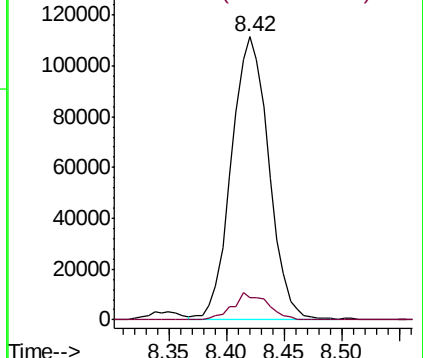
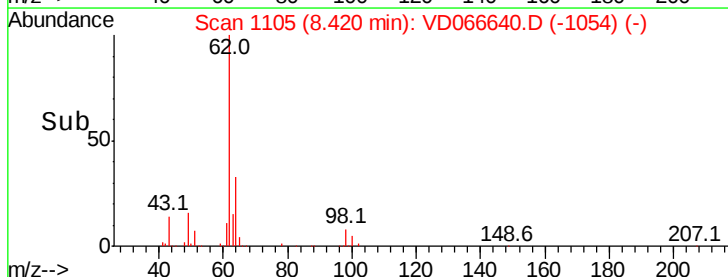
Ion Ratio Lower Upper

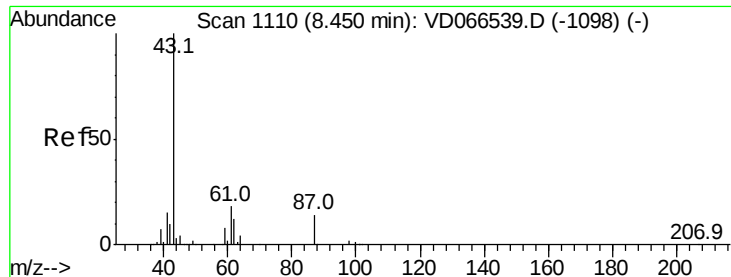
62 100

98 9.0 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 48.868 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

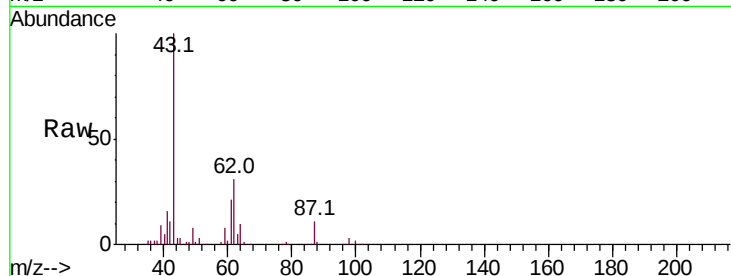
Tot Ion: 43 Resp: 221169

Ion Ratio Lower Upper

43 100

61 30.7 23.8 35.8

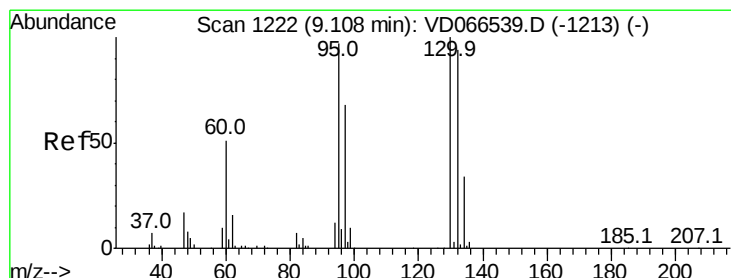
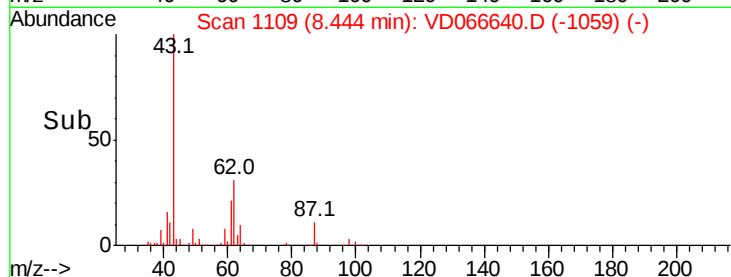
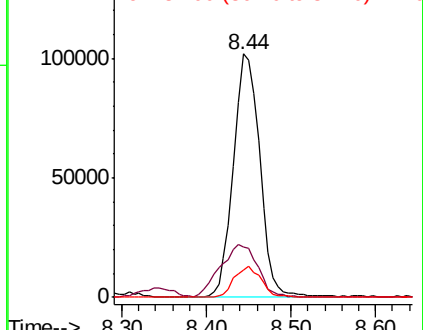
87 13.1 10.7 16.1



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: 45.672 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066640.D

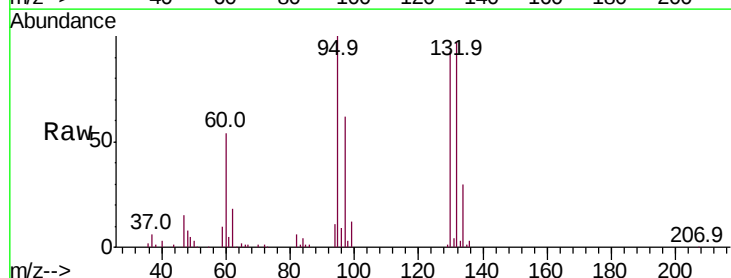
Acq: 11 Sep 2020 04:29

Tgt Ion: 130 Resp: 194598

Ion Ratio Lower Upper

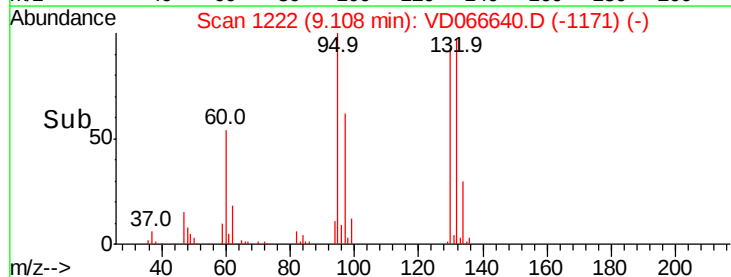
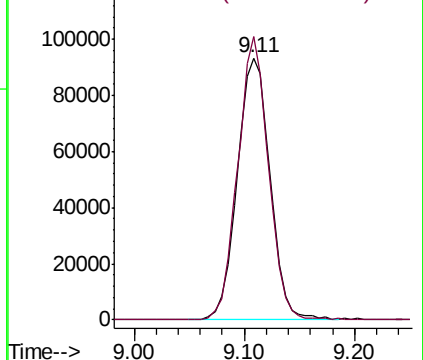
130 100

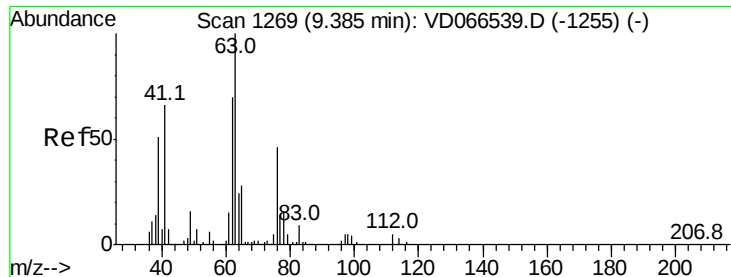
95 108.1 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 48.004 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

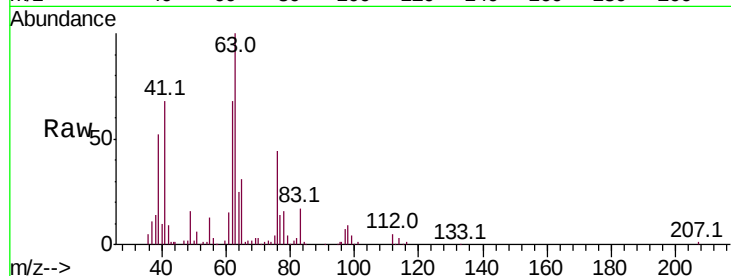
VSTDCCC050EC

Tot Ion: 63 Resp: 196090

Ion Ratio Lower Upper

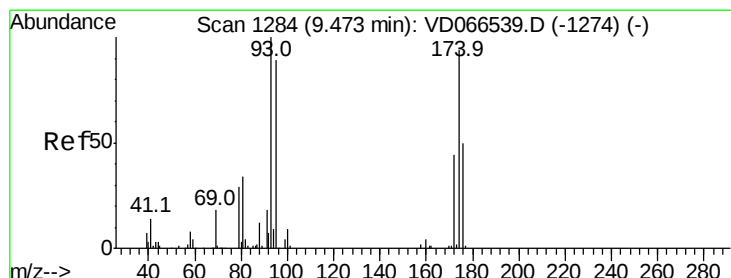
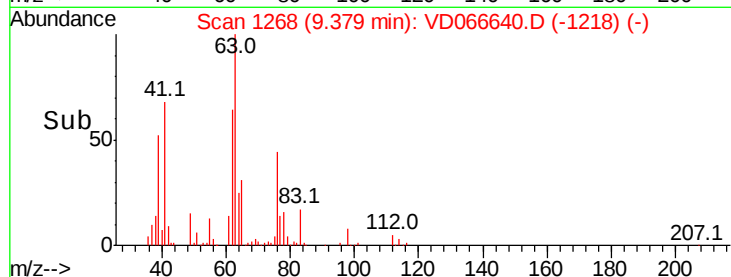
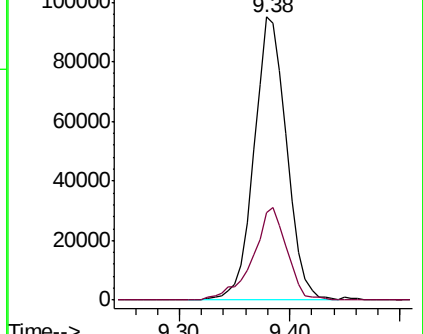
63 100

65 31.1 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 49.373 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

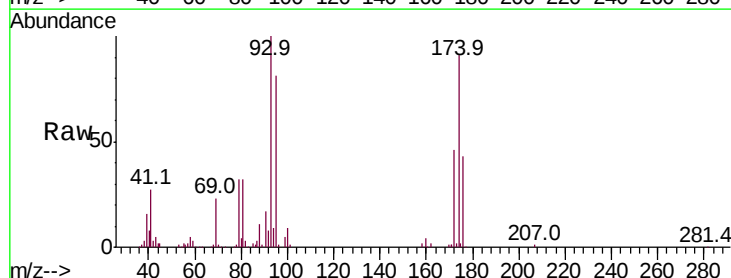
Tgt Ion: 93 Resp: 111271

Ion Ratio Lower Upper

93 100

95 82.3 68.7 103.1

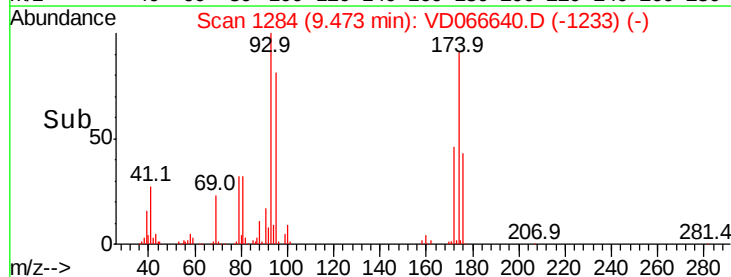
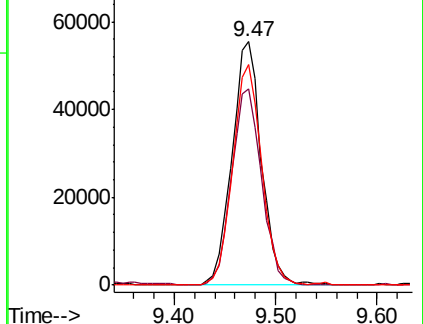
174 89.4 70.0 105.0

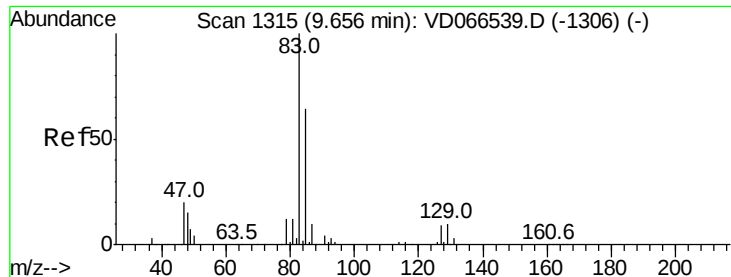


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.412 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

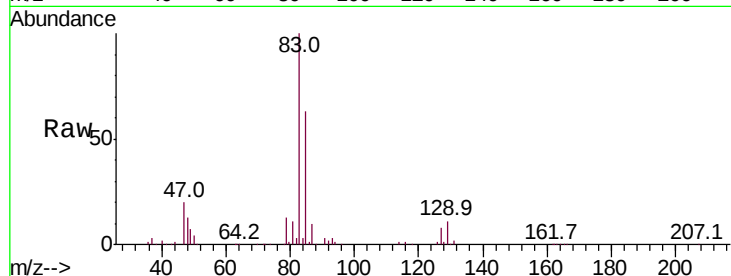
Tot Ion: 83 Resp: 295186

Ion Ratio Lower Upper

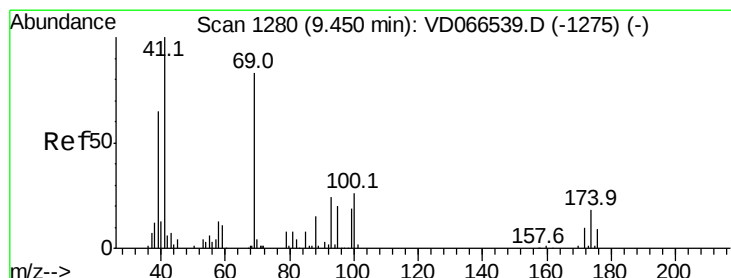
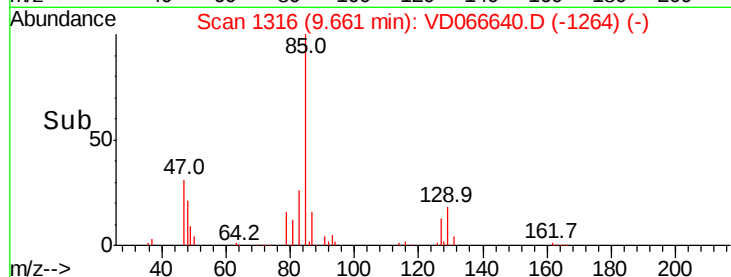
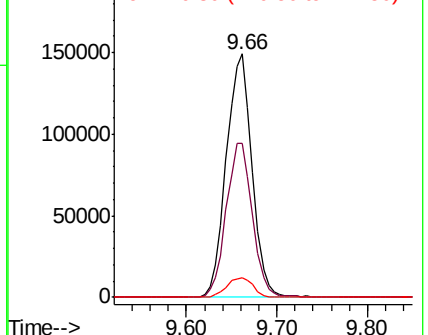
83 100

85 63.2 51.1 76.7

127 7.9 6.9 10.3



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



#48

Methyl methacrylate

Concen: 48.718 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

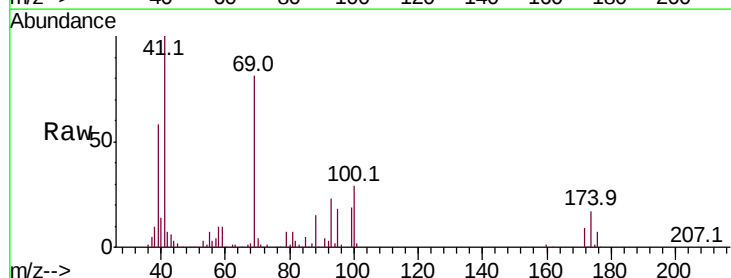
Tgt Ion: 41 Resp: 111493

Ion Ratio Lower Upper

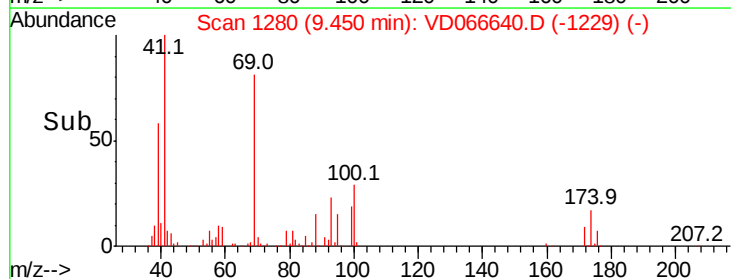
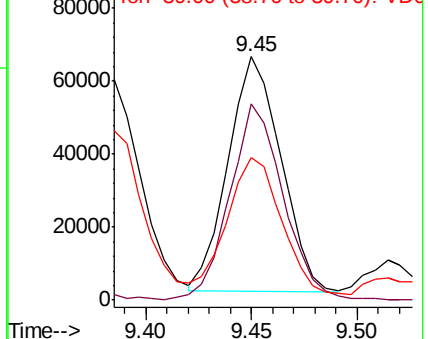
41 100

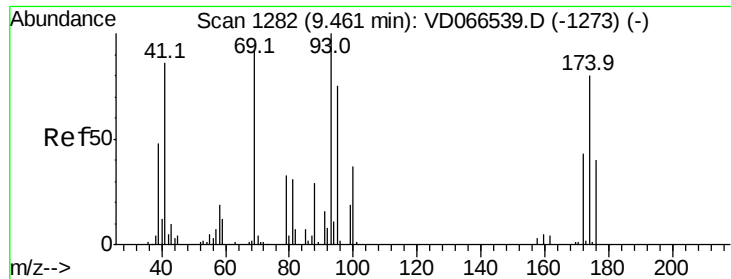
69 84.1 64.5 96.7

39 66.2 46.6 69.8



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

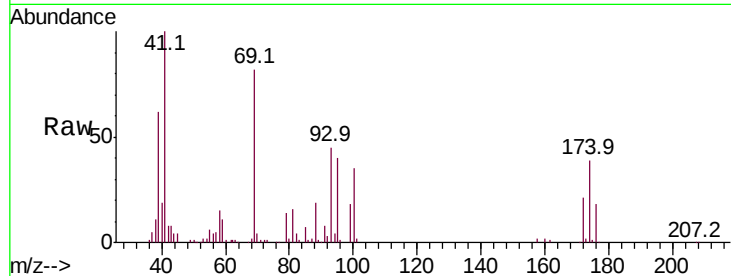




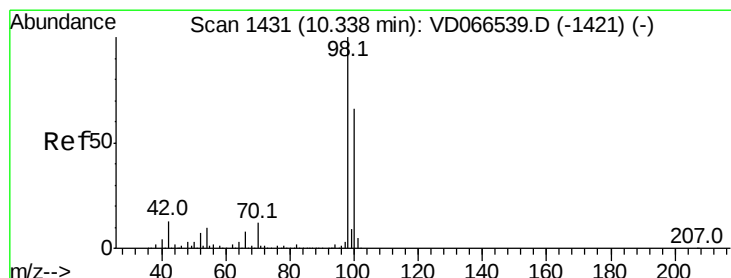
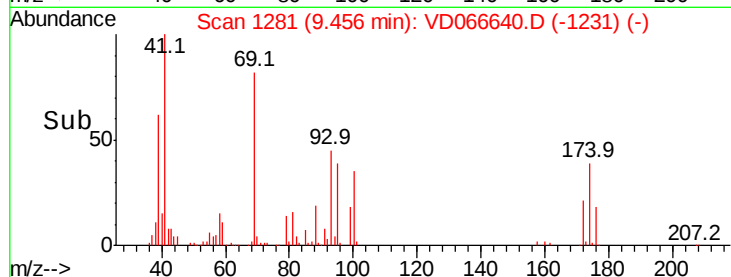
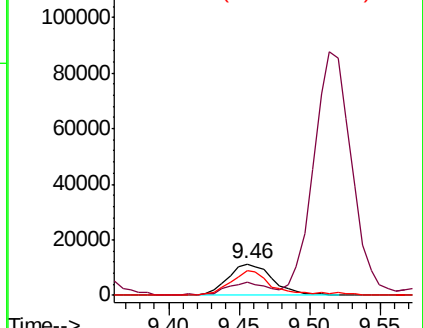
#49
1,4-Dioxane
Concen: 1031.321 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 25499
Ion Ratio Lower Upper
88 100
43 38.1 28.3 42.5
58 66.9 56.1 84.1

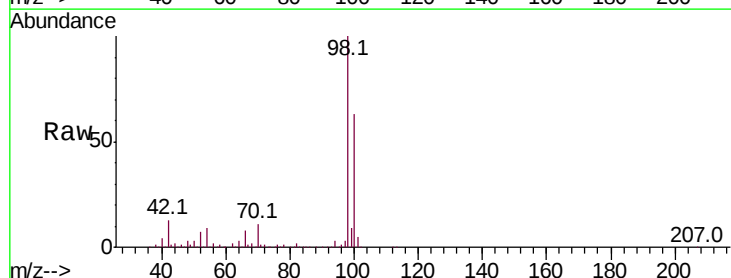


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

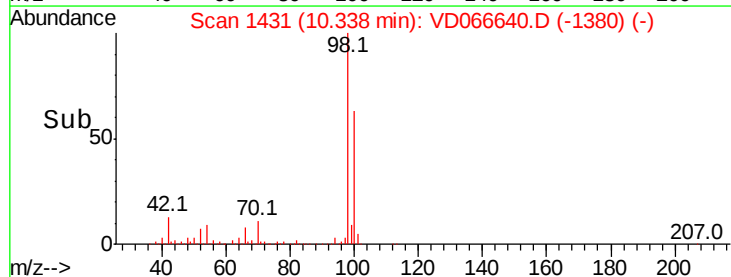
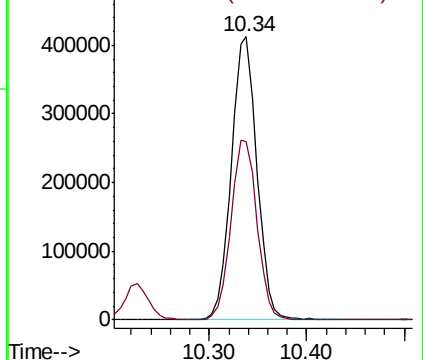


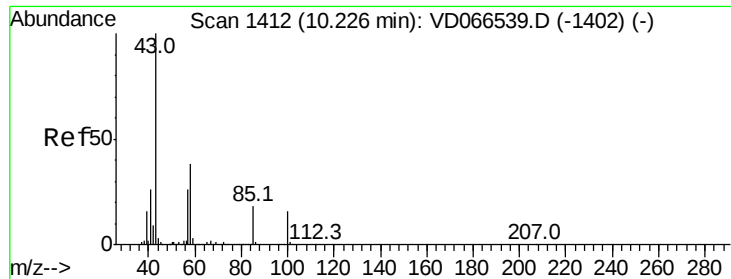
#50
Toluene-d8
Concen: 54.721 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 98 Resp: 751925
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3



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

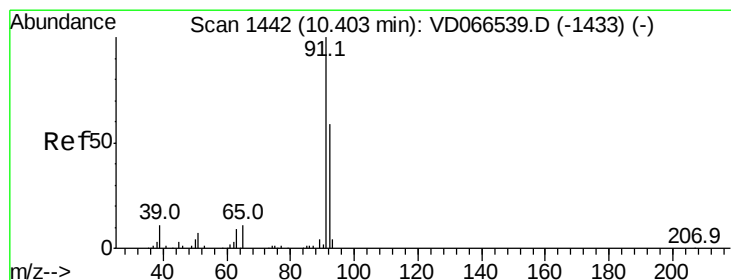
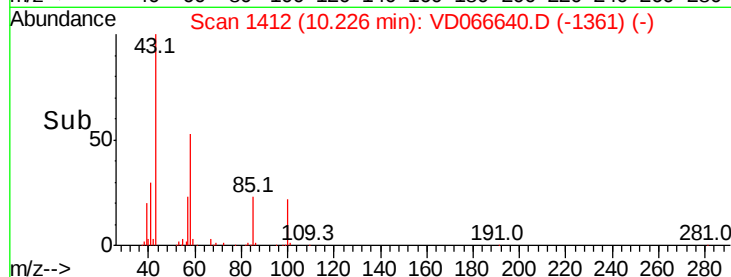
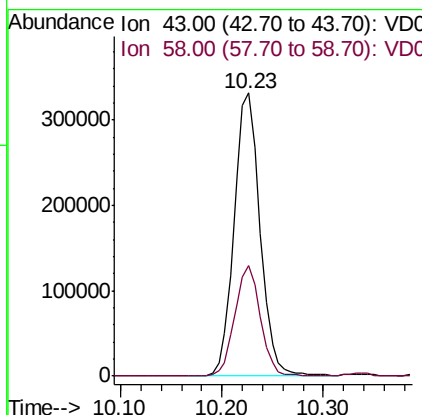
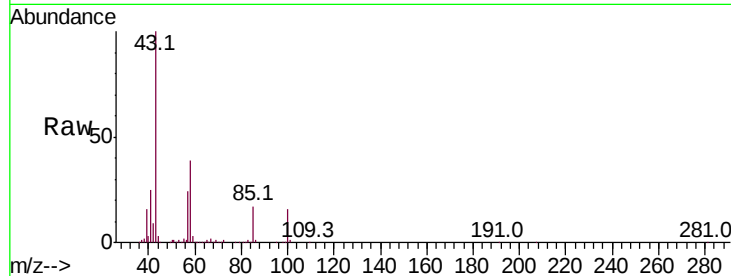




#51
4-Methyl-2-Pentanone
Concen: 258.345 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

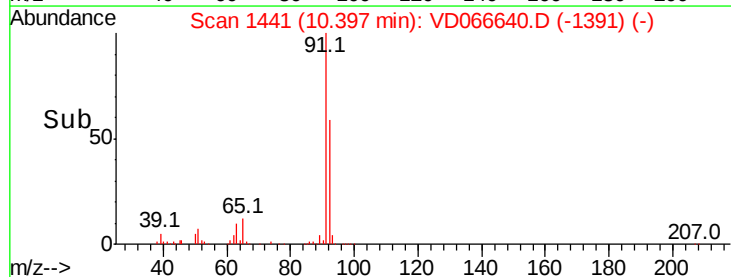
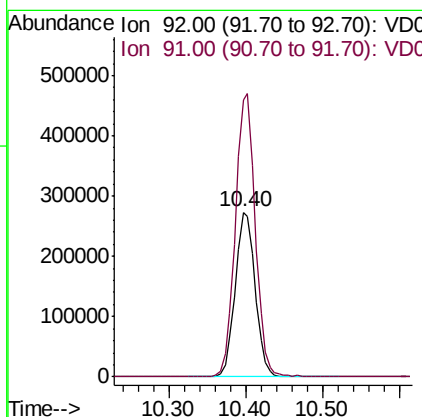
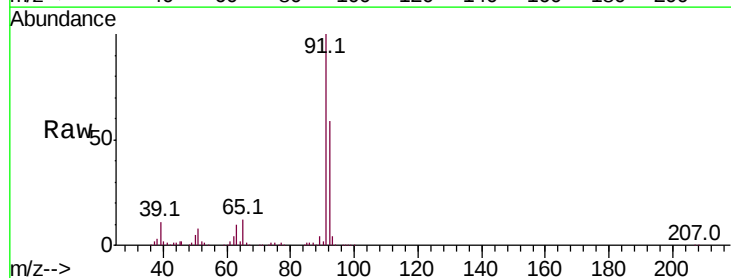
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

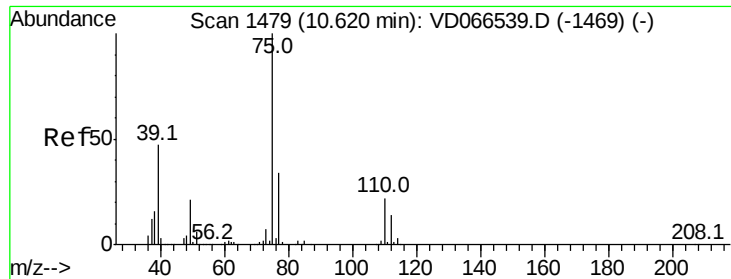
Tot Ion: 43 Resp: 589674
Ion Ratio Lower Upper
43 100
58 38.5 30.5 45.7



#52
Toluene
Concen: 48.447 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 92 Resp: 498137
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.2

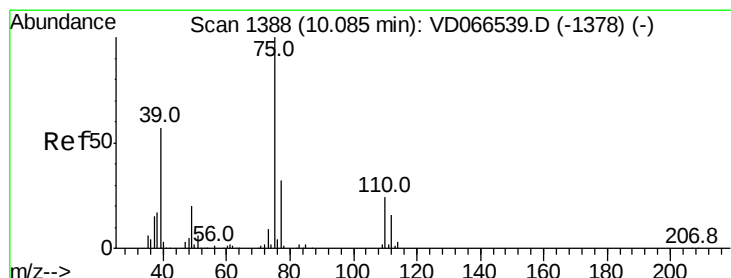
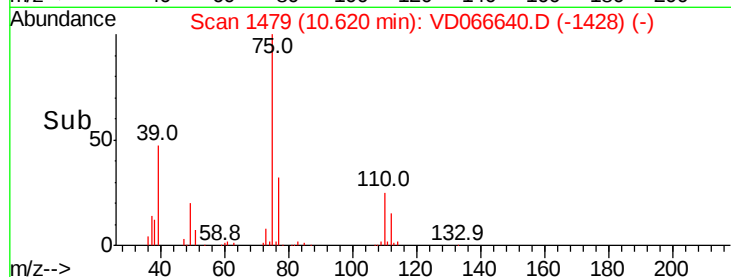
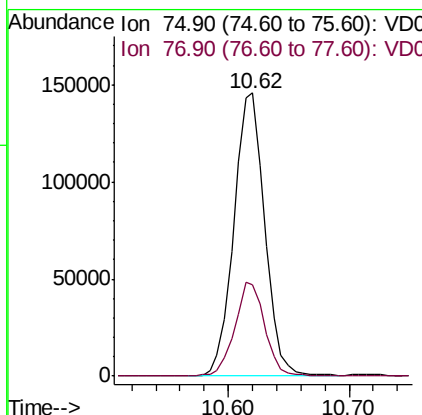
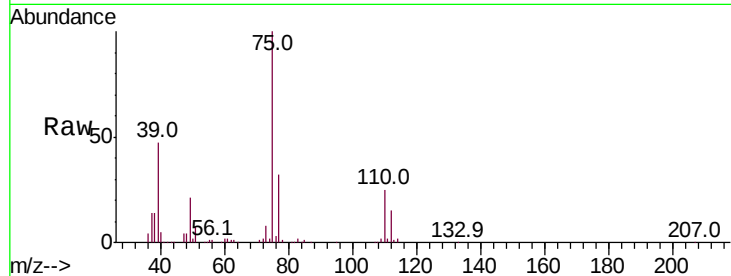




#53
 t-1,3-Dichloropropene
 Concen: 48.211 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

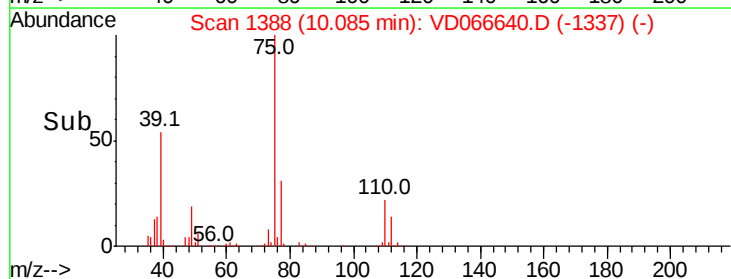
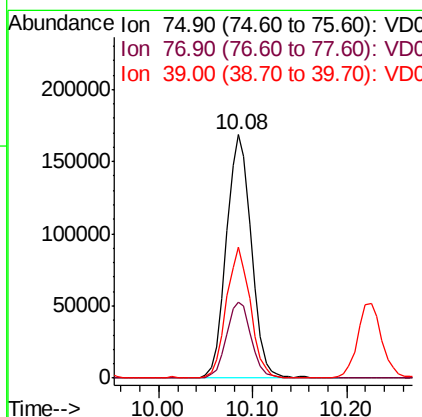
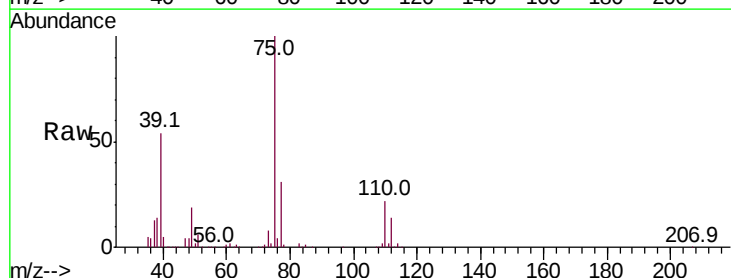
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

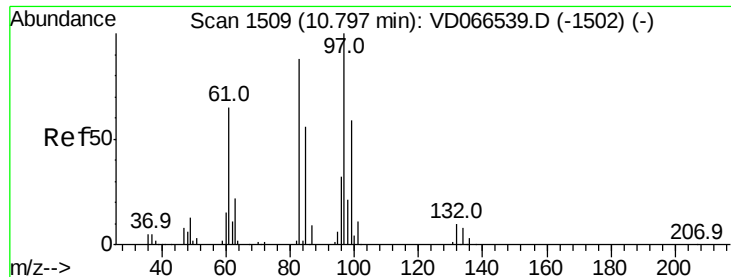
Tot Ion: 75 Resp: 259500
 Ion Ratio Lower Upper
 75 100
 77 32.3 27.4 41.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.153 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion: 75 Resp: 311253
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0
 39 53.5 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 51.513 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

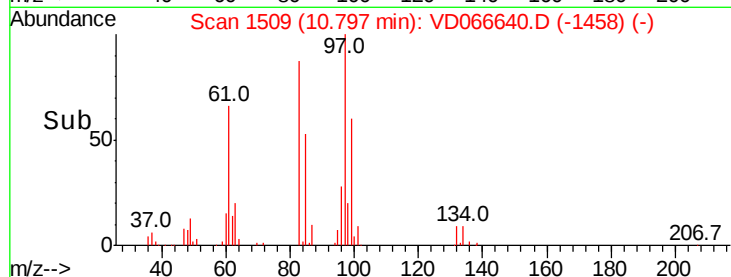
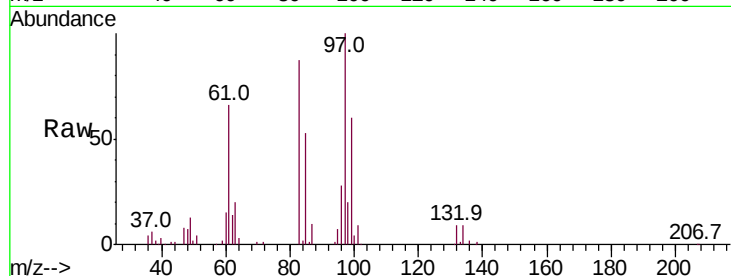
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 149269

Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.1	105.1
85	53.3	44.5	66.7
99	59.7	47.1	70.7



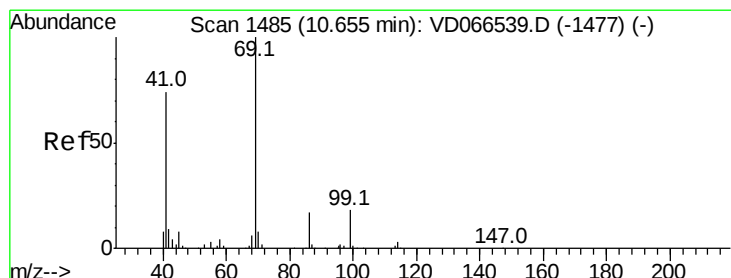
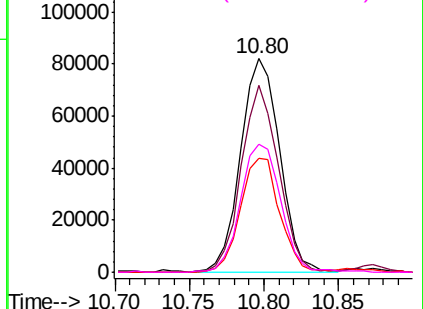
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 53.307 ug/l

RT: 10.66 min Scan# 1485

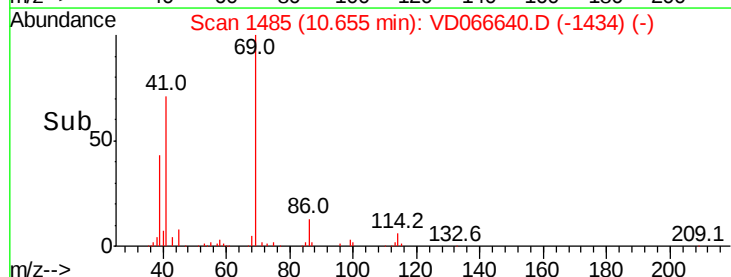
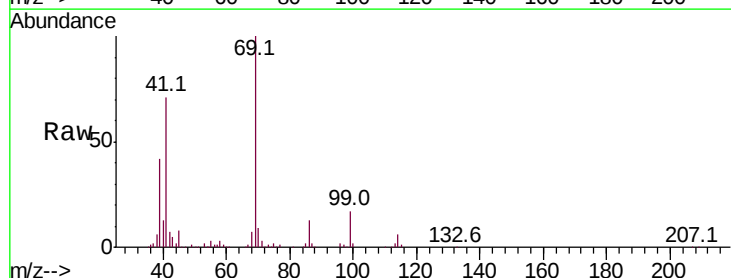
Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Tgt Ion: 69 Resp: 179851

Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.8	85.2
39	41.6	30.6	46.0

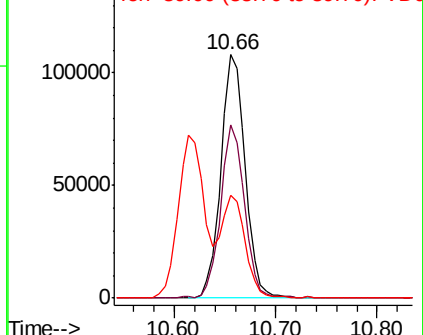


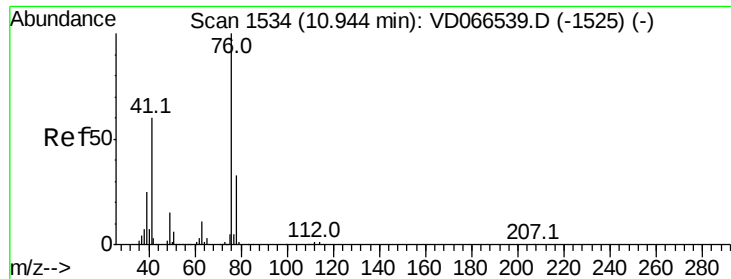
Abundance

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: 51.000 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

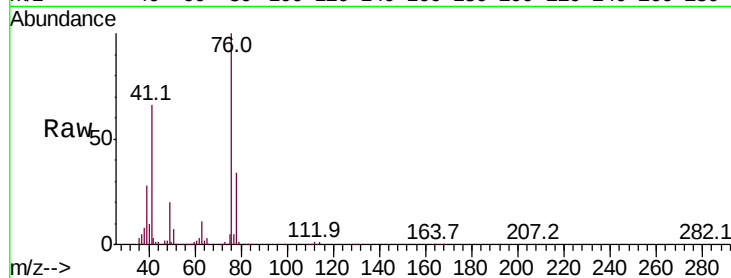
VSTDCCC050EC

Tot Ion: 76 Resp: 258852

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.94

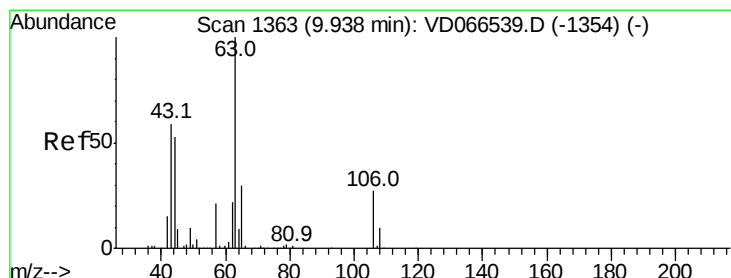
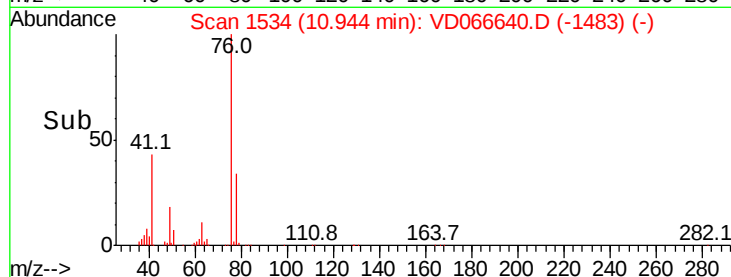
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 247.450 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066640.D

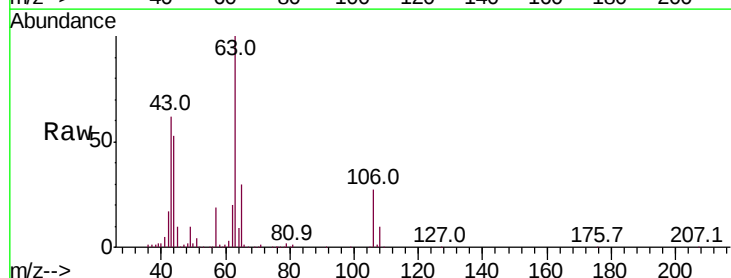
Acq: 11 Sep 2020 04:29

Tgt Ion: 63 Resp: 381863

Ion Ratio Lower Upper

63 100

106 27.9 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

250000

200000

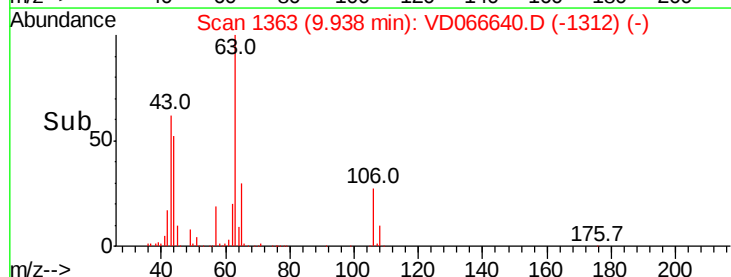
150000

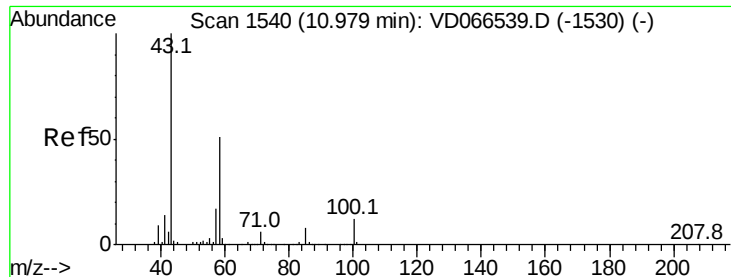
100000

50000

0

Time-->

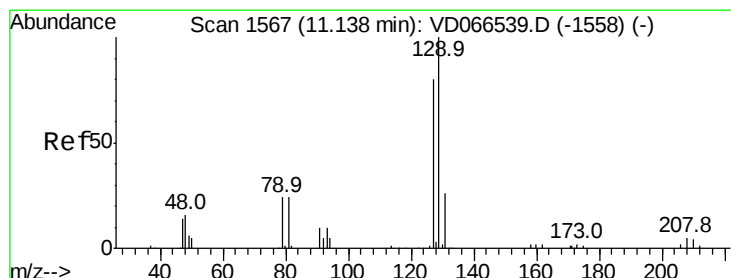
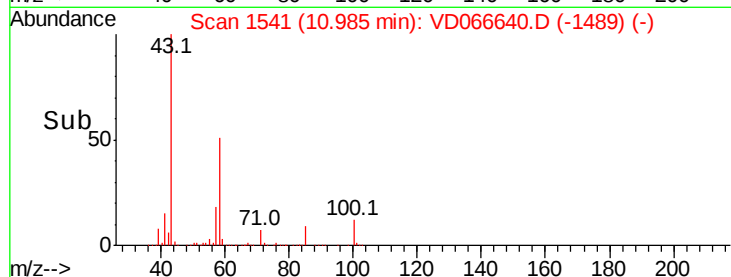
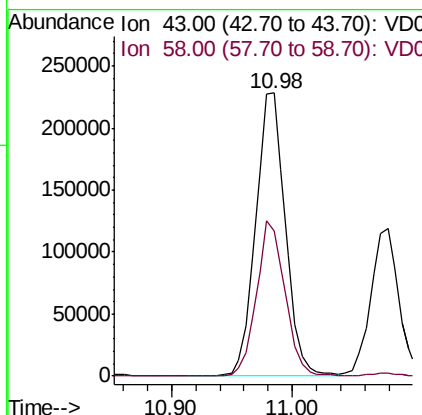
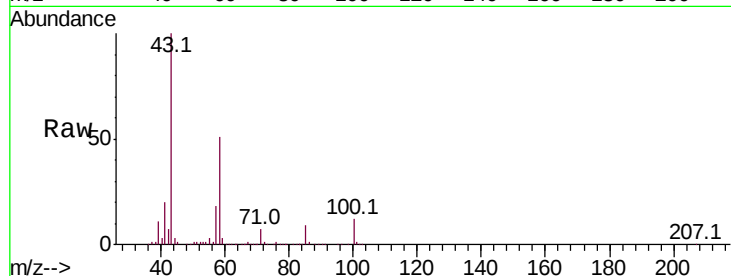




#59
2-Hexanone
Concen: 256.362 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

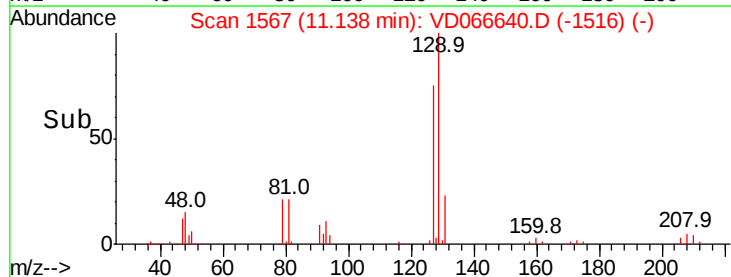
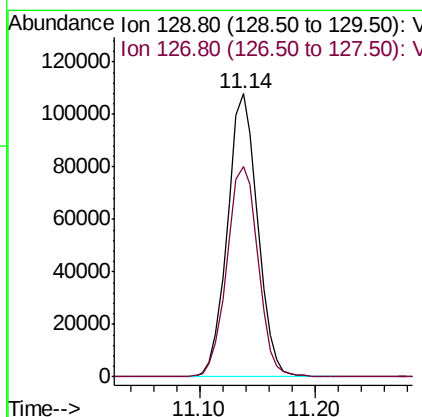
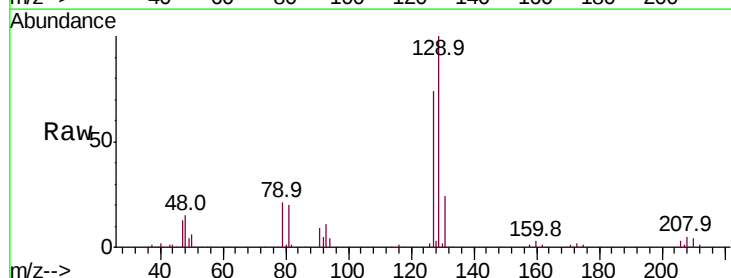
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

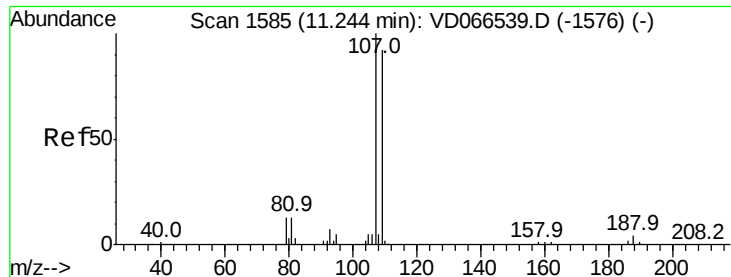
Tot Ion: 43 Resp: 393500
Ion Ratio Lower Upper
43 100
58 52.5 25.6 76.8



#60
Dibromochloromethane
Concen: 51.014 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 129 Resp: 195475
Ion Ratio Lower Upper
129 100
127 76.9 39.5 118.3

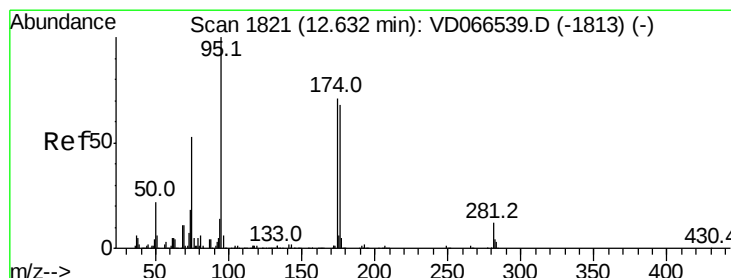
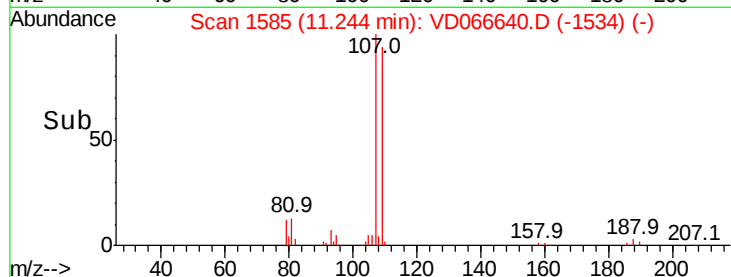
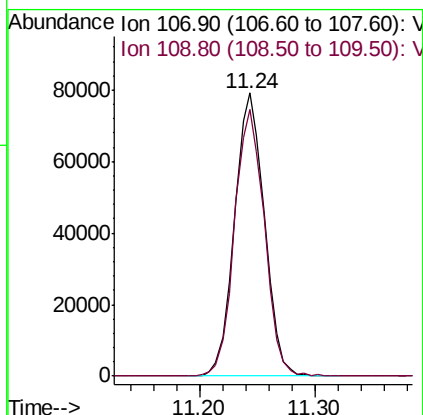
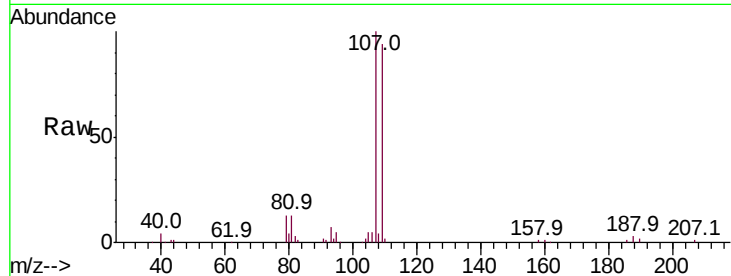




#61
 1,2-Dibromoethane
 Concen: 50.235 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

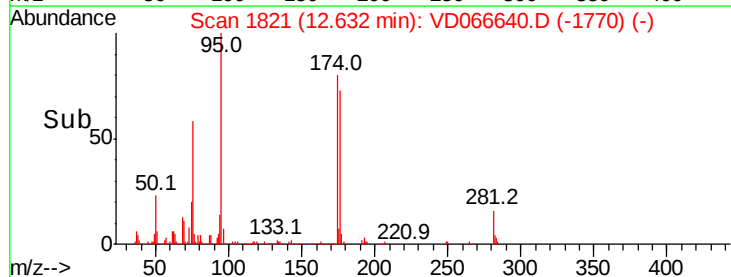
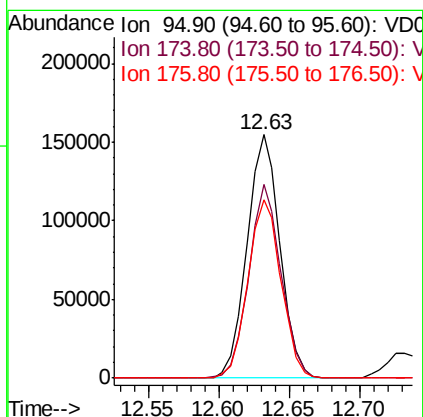
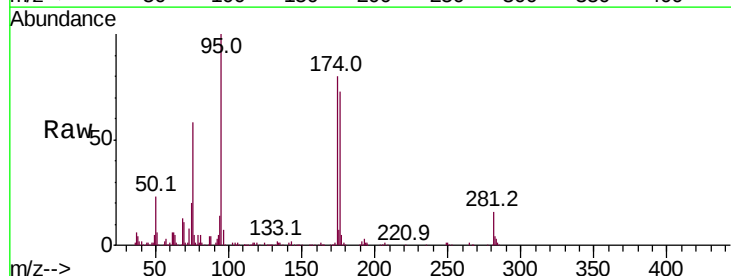
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

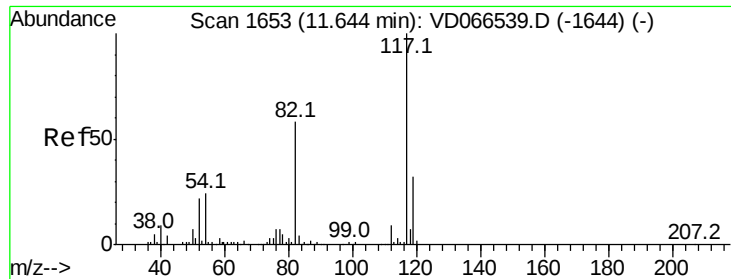
Tot Ion:107 Resp: 141617
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 55.449 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion: 95 Resp: 252645
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 155.8
 176 74.0 0.0 148.6

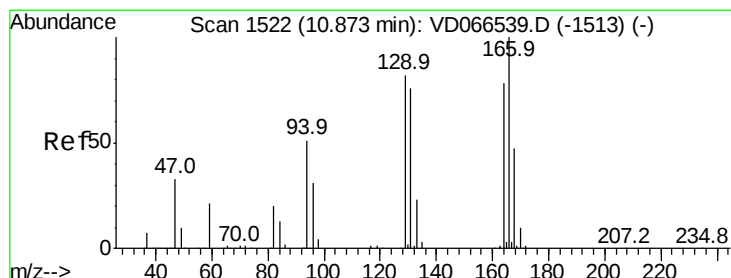
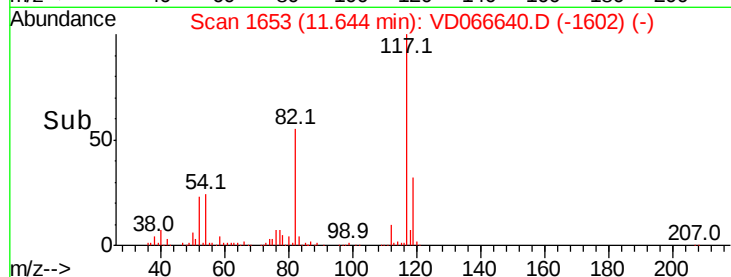
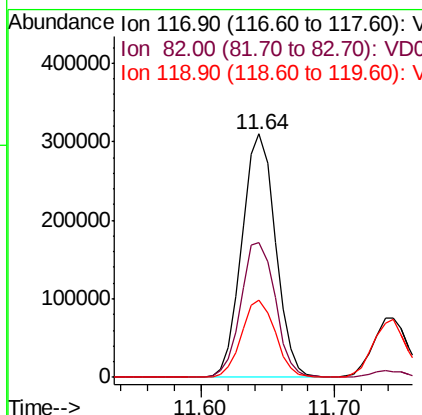
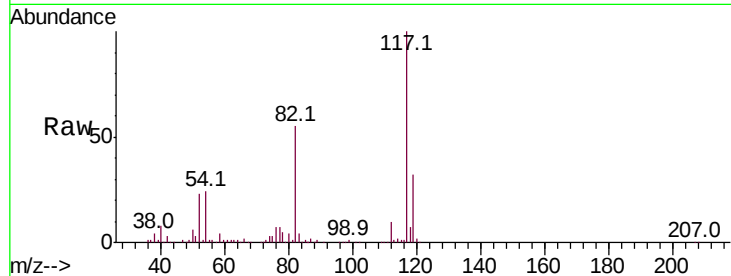




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

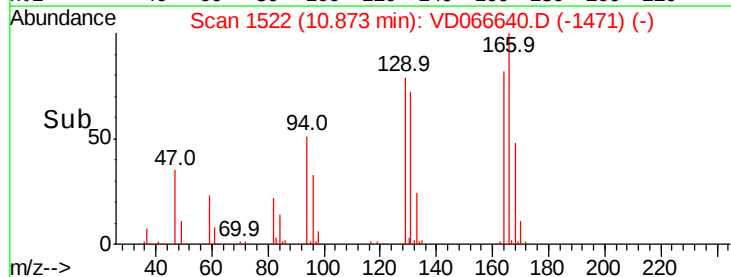
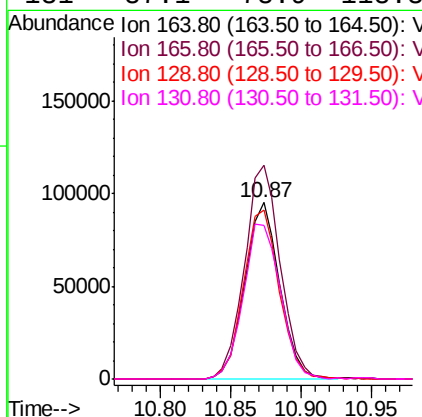
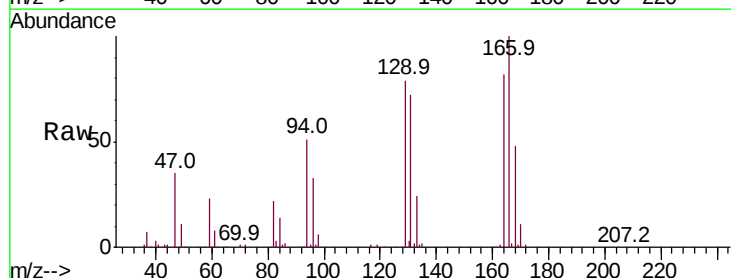
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

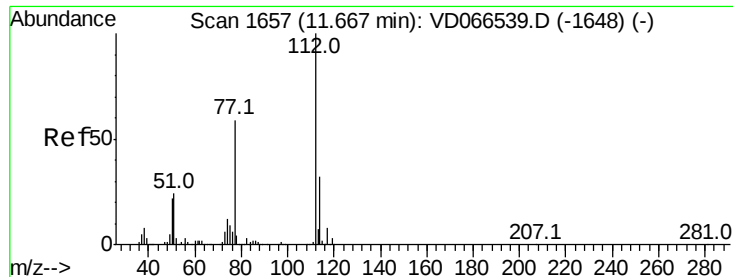
Tot Ion:117 Resp: 540709
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.2
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 45.240 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion:164 Resp: 164703
Ion Ratio Lower Upper
164 100
166 121.2 103.2 154.8
129 96.1 84.5 126.7
131 87.1 78.9 118.3

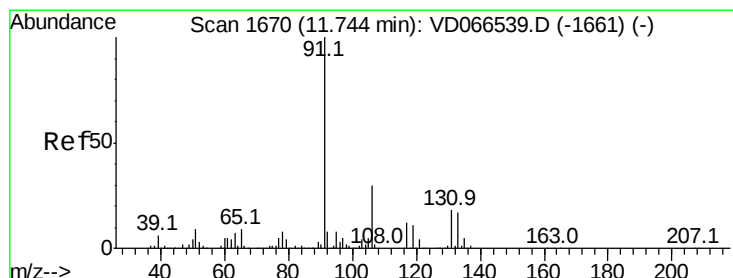
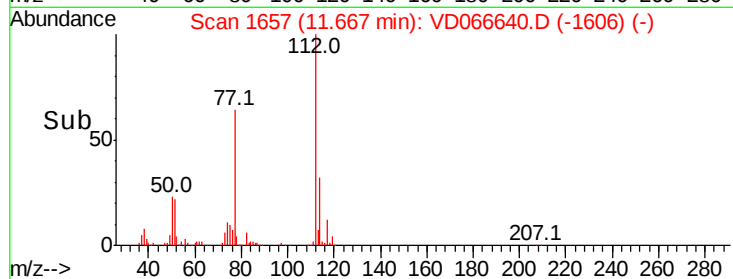
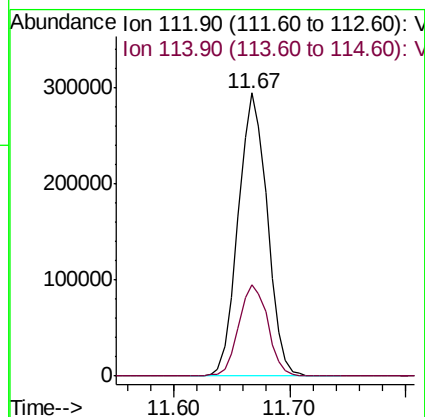
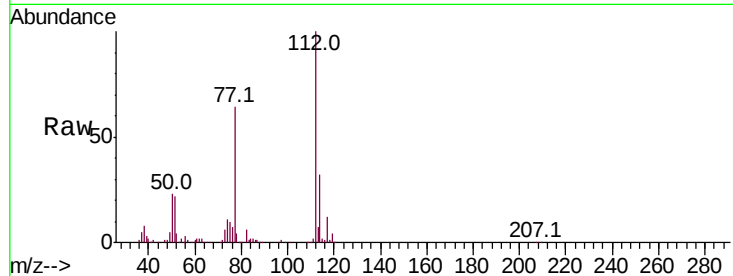




#65
Chlorobenzene
Concen: 46.119 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

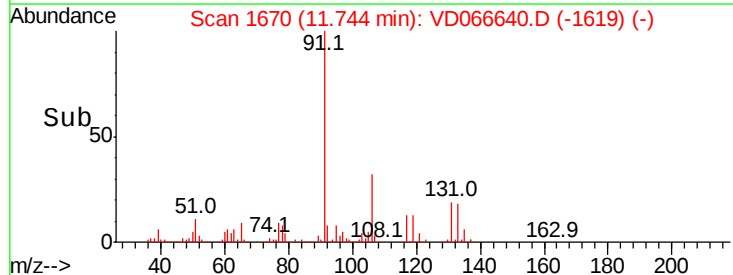
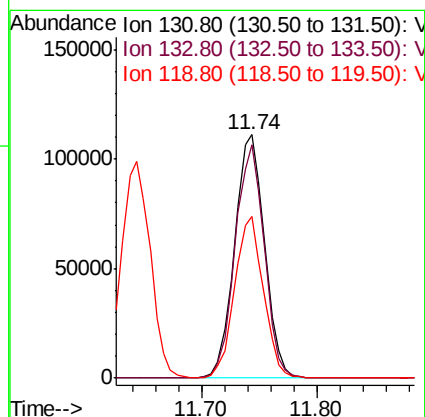
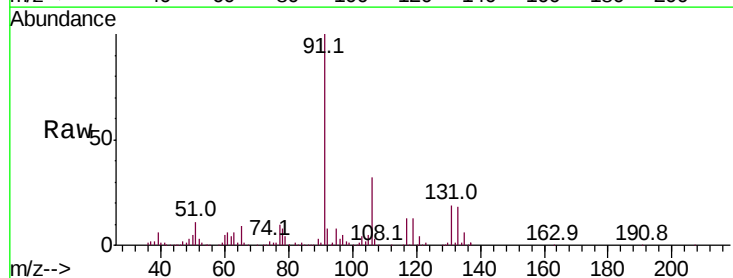
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

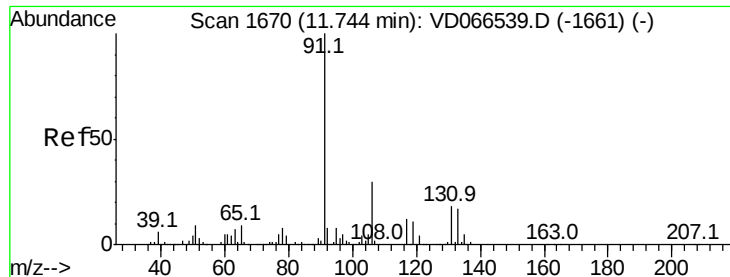
Tot Ion:112 Resp: 514678
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 46.762 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion:131 Resp: 199167
Ion Ratio Lower Upper
131 100
133 93.3 46.7 140.0
119 64.2 31.9 95.7

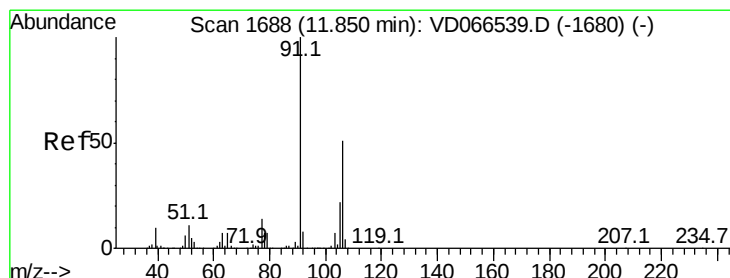
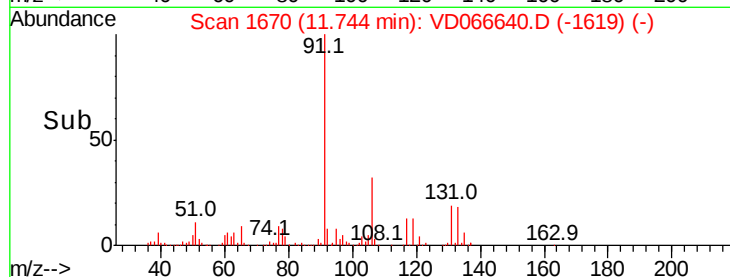
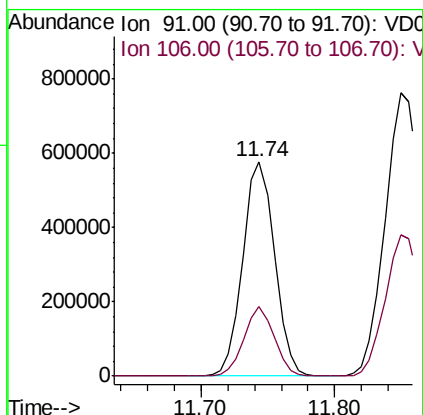
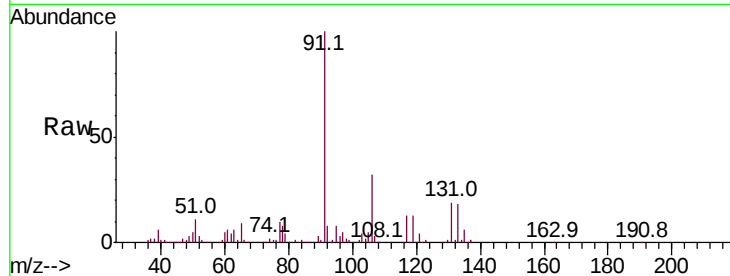




#67
Ethyl Benzene
Concen: 46.445 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

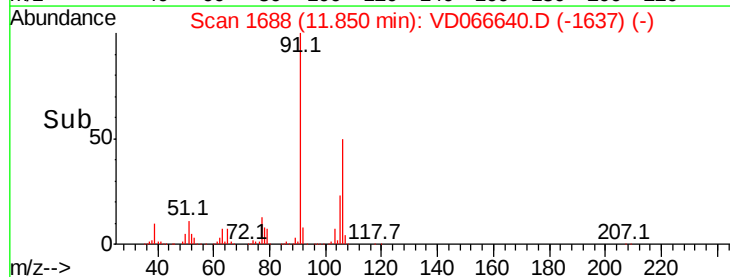
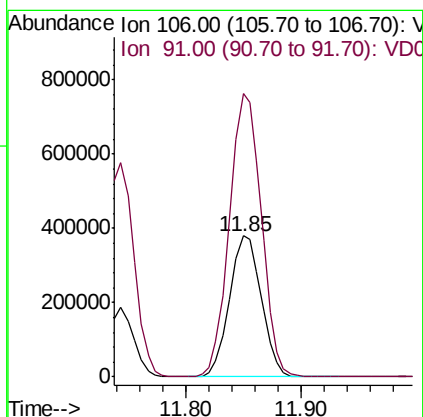
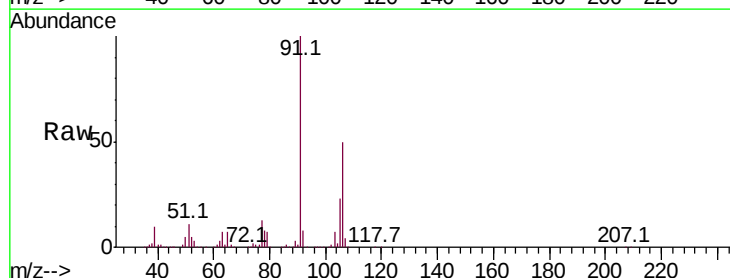
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

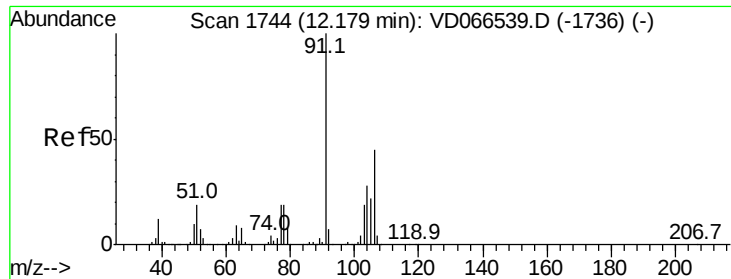
Tot Ion: 91 Resp: 951728
Ion Ratio Lower Upper
91 100
106 32.3 24.3 36.5



#68
m/p-Xylenes
Concen: 95.154 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 106 Resp: 723990
Ion Ratio Lower Upper
106 100
91 201.6 162.4 243.6

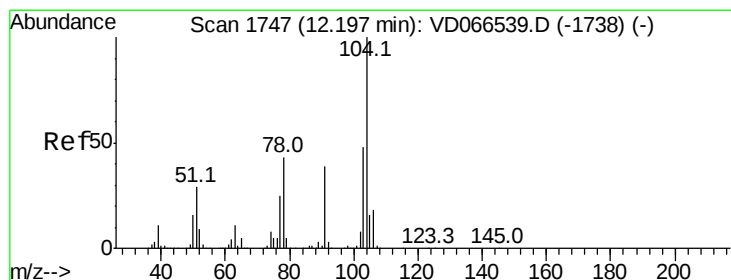
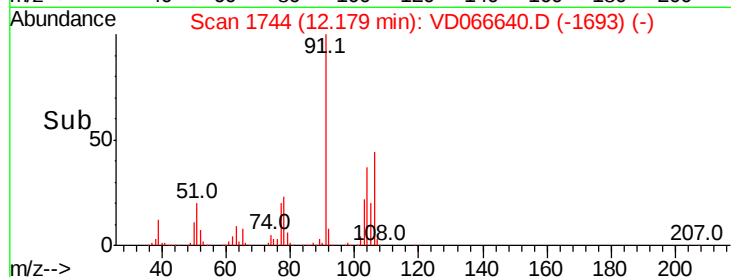
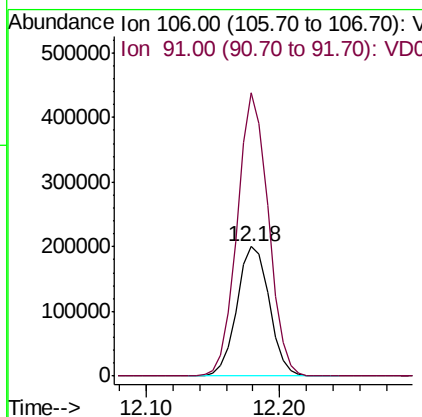
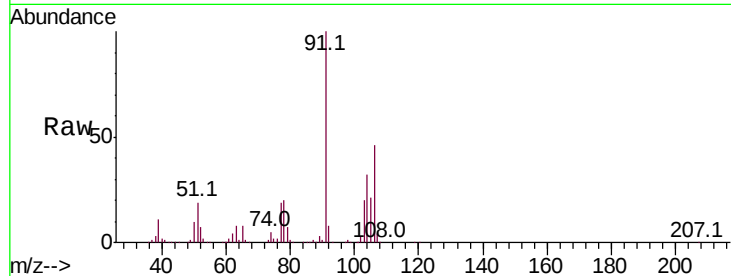




#69
o-Xylene
Concen: 49.209 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

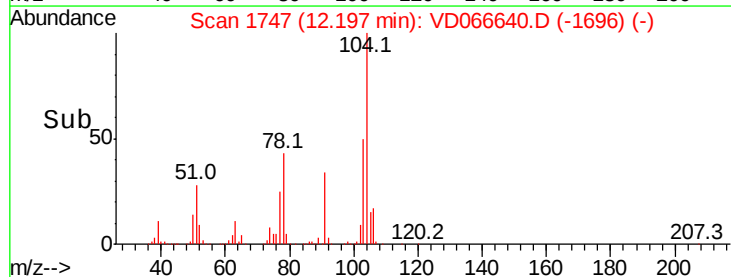
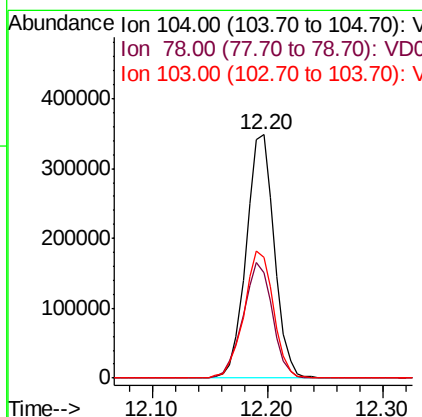
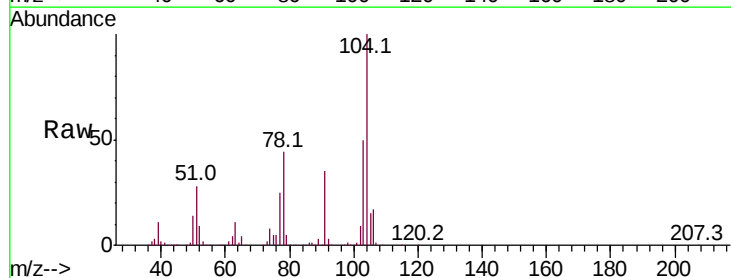
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

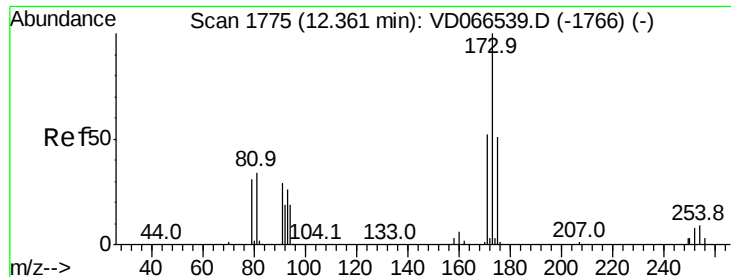
Tot Ion:106 Resp: 335543
Ion Ratio Lower Upper
106 100
91 210.7 107.9 323.8



#70
Styrene
Concen: 49.667 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion:104 Resp: 588780
Ion Ratio Lower Upper
104 100
78 49.8 40.7 61.1
103 54.8 42.9 64.3

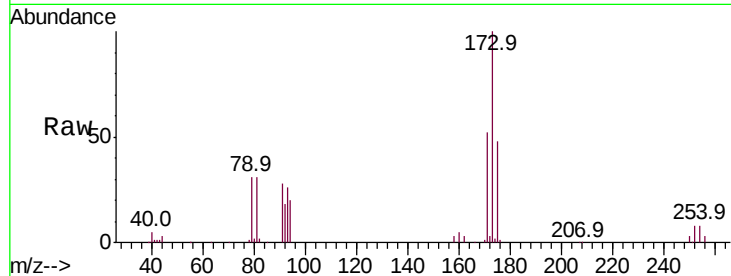




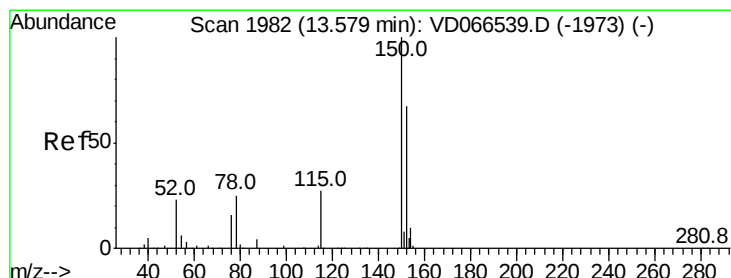
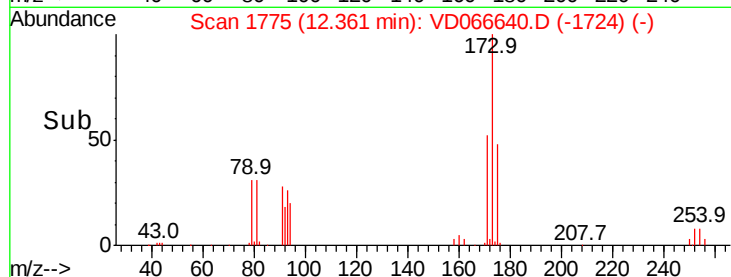
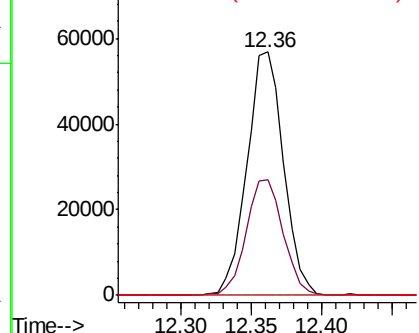
#71
Bromoform
Concen: 48.140 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 103331
Ion Ratio Lower Upper
173 100
175 48.1 24.2 72.6
254 0.0 0.0 0.0

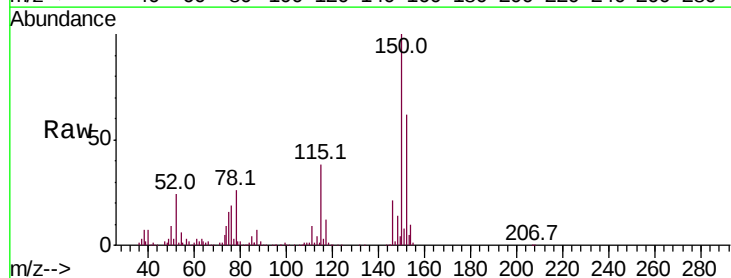


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

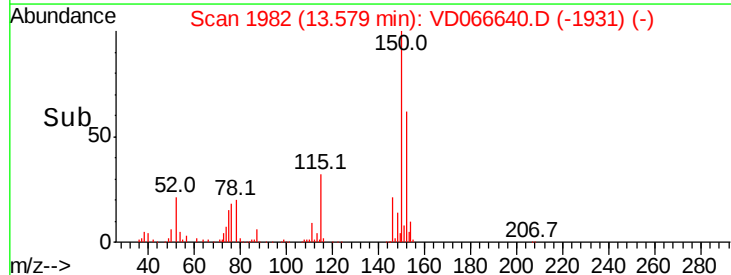
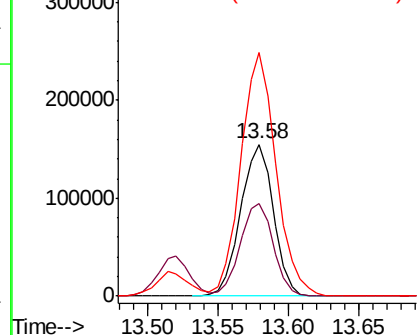


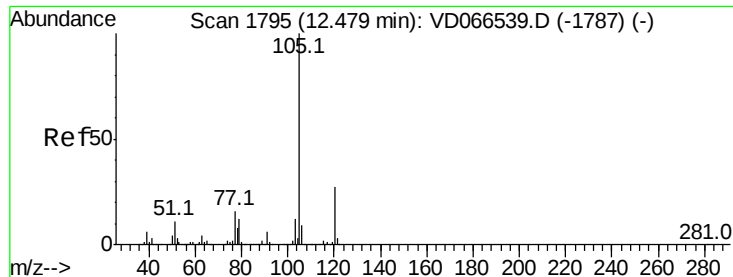
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion:152 Resp: 251956
Ion Ratio Lower Upper
152 100
115 61.7 30.4 91.2
150 171.6 0.0 345.8



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: 47.242 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

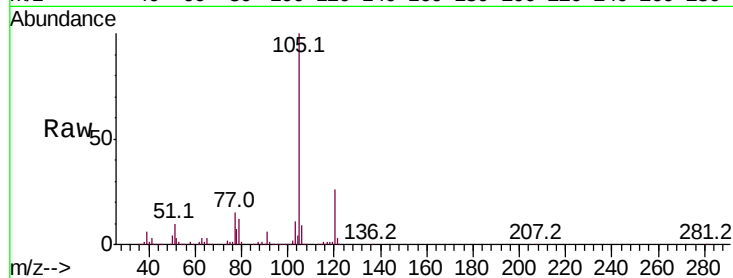
VSTDCCC050EC

Tot Ion:105 Resp: 881274

Ion Ratio Lower Upper

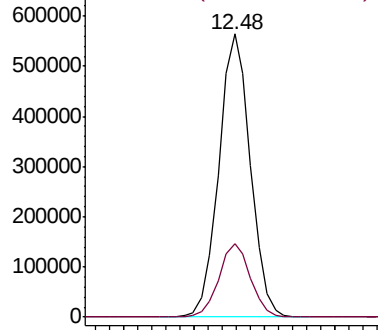
105 100

120 25.9 13.0 39.0

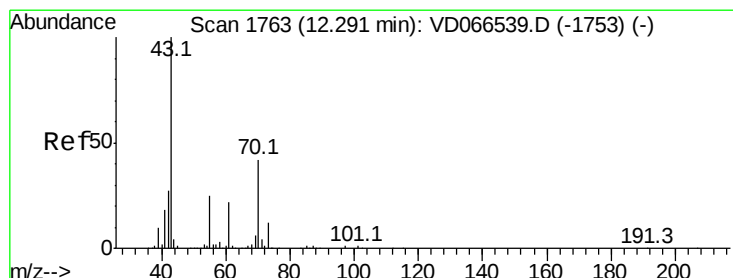
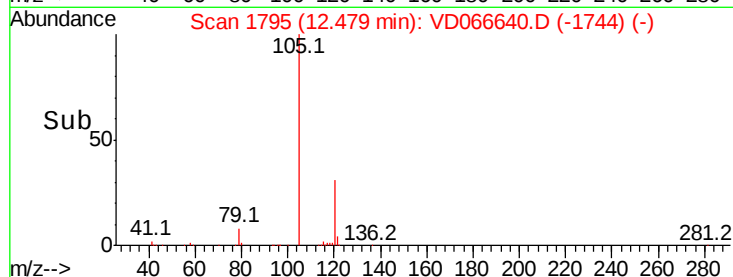


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 48.708 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Tgt Ion: 43 Resp: 205794

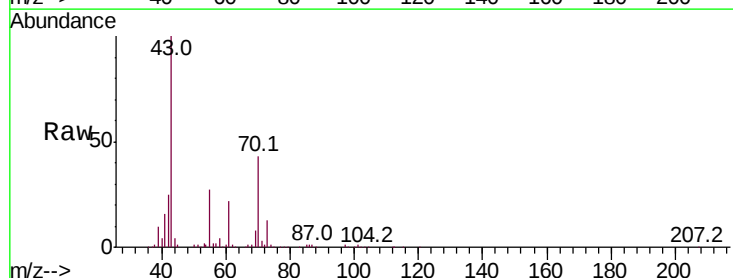
Ion Ratio Lower Upper

43 100

70 41.4 33.4 50.2

55 26.2 20.1 30.1

61 22.6 18.2 27.2

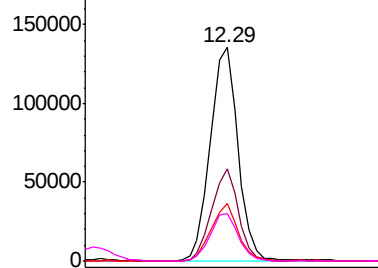


Abundance Ion 43.00 (42.70 to 43.70): VDC

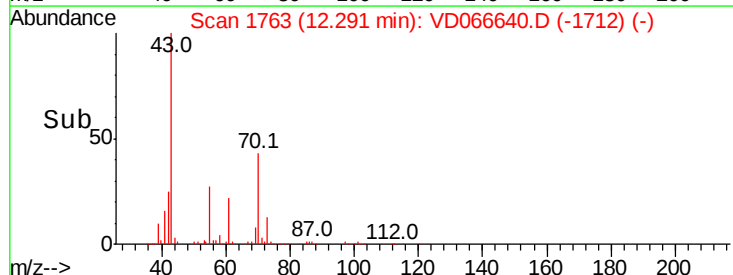
Ion 70.00 (69.70 to 70.70): VDC

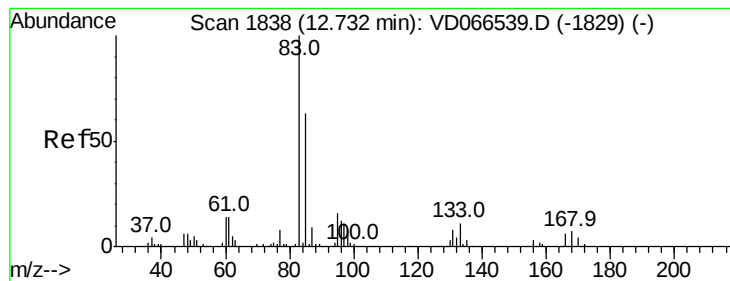
Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.114 ug/l

RT: 12.73 min Scan# 1837

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

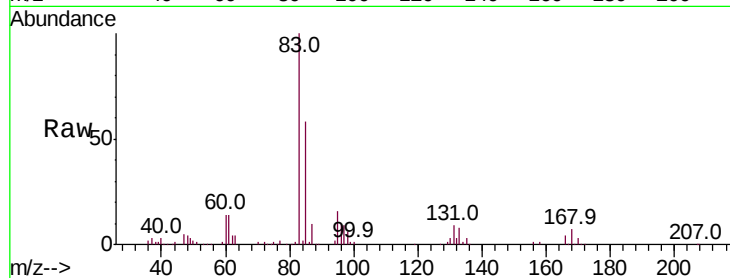
Tot Ion: 83 Resp: 165156

Ion Ratio Lower Upper

83 100

131 10.6 5.0 15.0

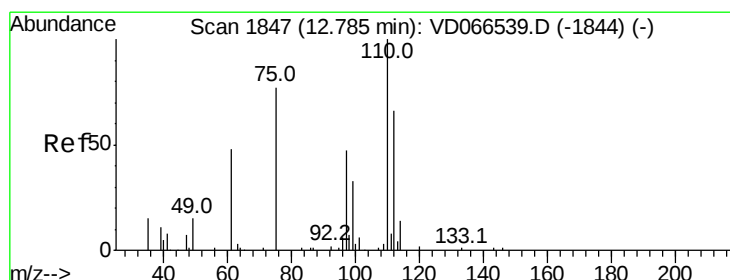
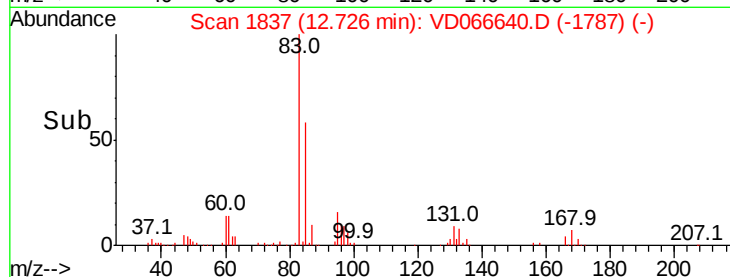
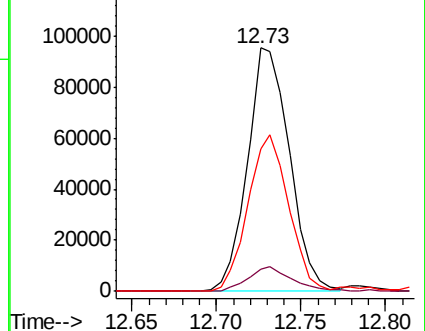
85 62.2 32.1 96.3



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: 85.589 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066640.D

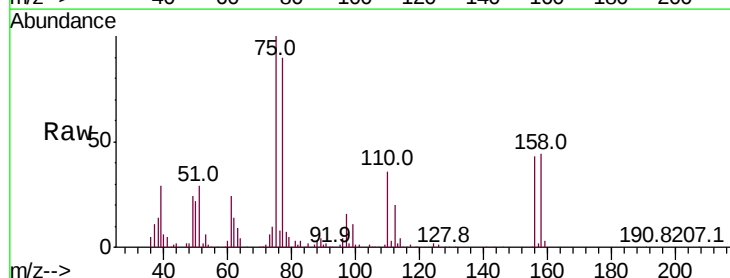
Acq: 11 Sep 2020 04:29

Tgt Ion: 75 Resp: 207395

Ion Ratio Lower Upper

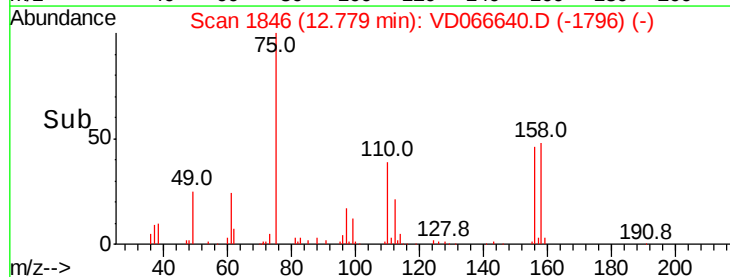
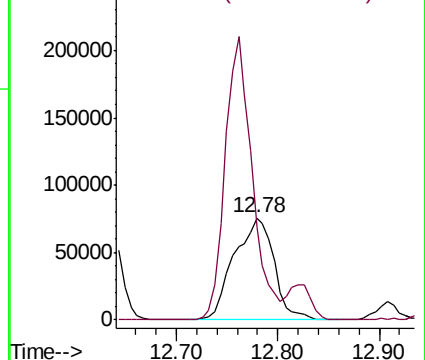
75 100

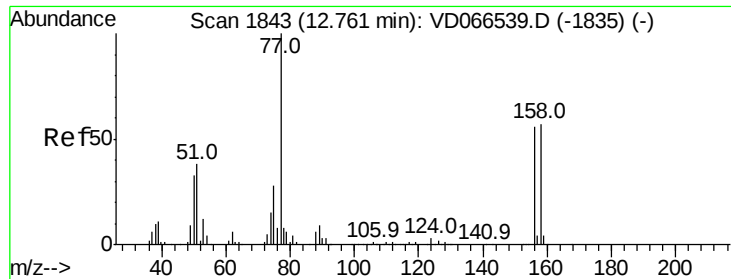
77 188.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

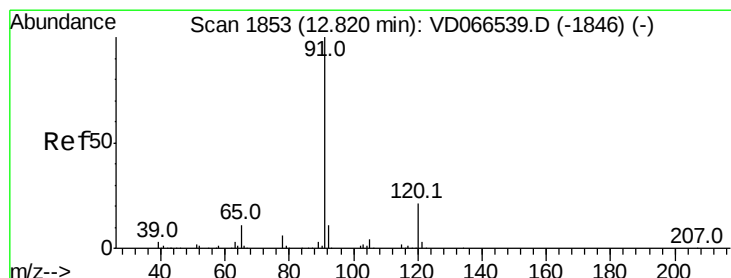
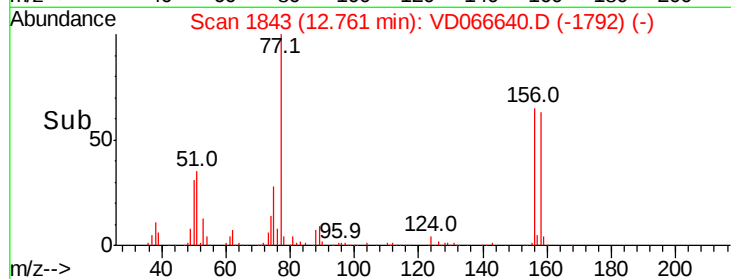
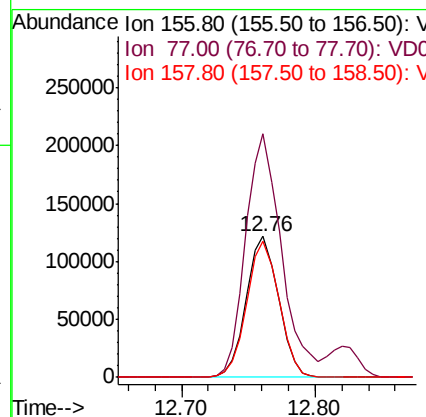
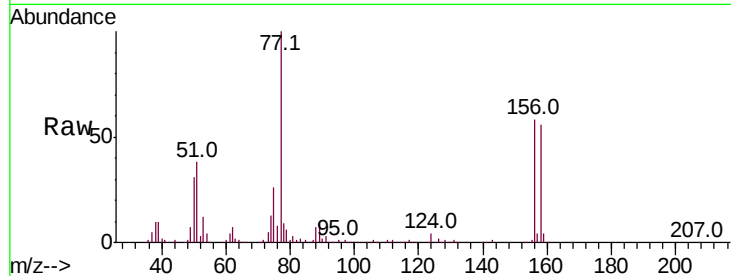




#77
Bromobenzene
Concen: 48.892 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

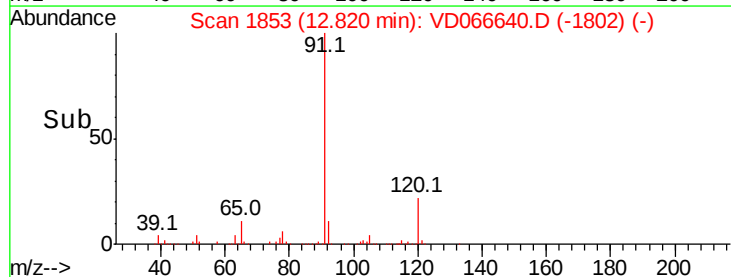
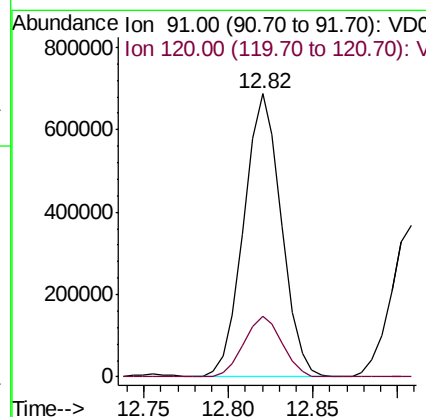
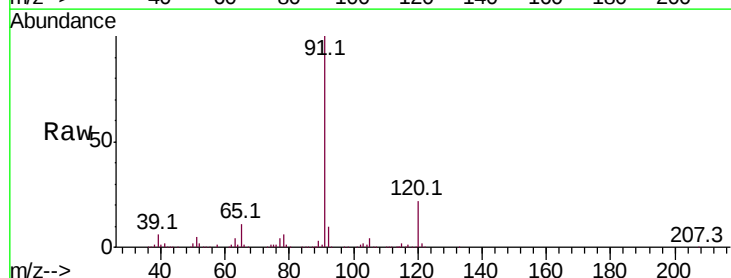
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

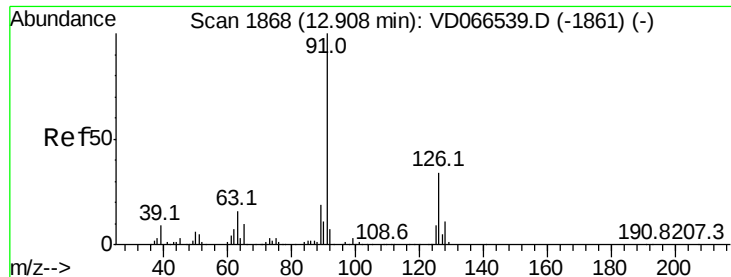
Tot Ion:156 Resp: 203337
Ion Ratio Lower Upper
156 100
77 191.8 98.0 294.1
158 96.8 48.1 144.3



#78
n-propylbenzene
Concen: 46.887 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 91 Resp: 1060309
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.1





#79

2-Chlorotoluene

Concen: 48.215 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

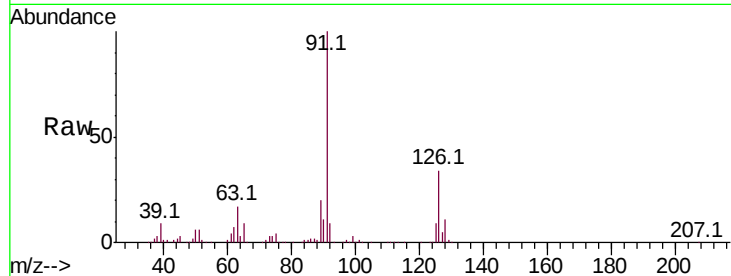
VSTDCCC050EC

Tot Ion: 91 Resp: 611671

Ion Ratio Lower Upper

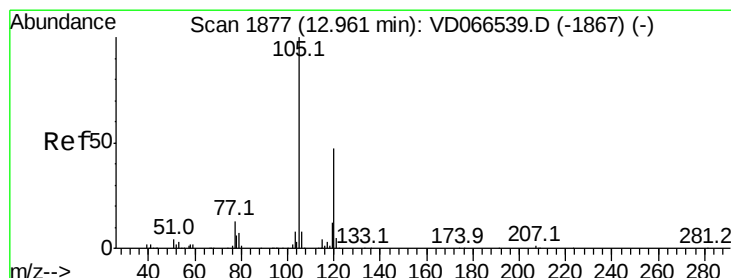
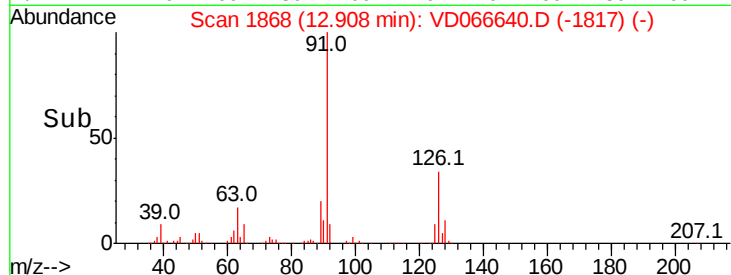
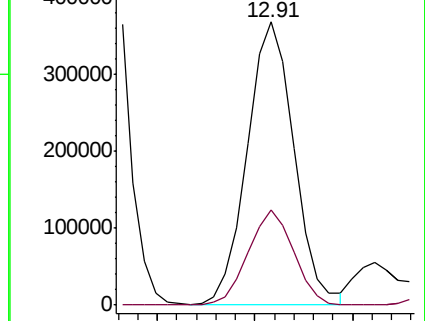
91 100

126 32.6 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.871 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066640.D

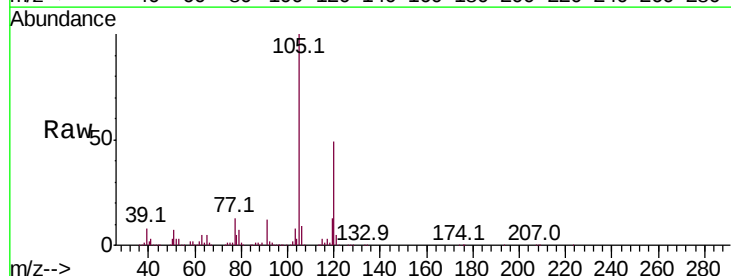
Acq: 11 Sep 2020 04:29

Tgt Ion:105 Resp: 751620

Ion Ratio Lower Upper

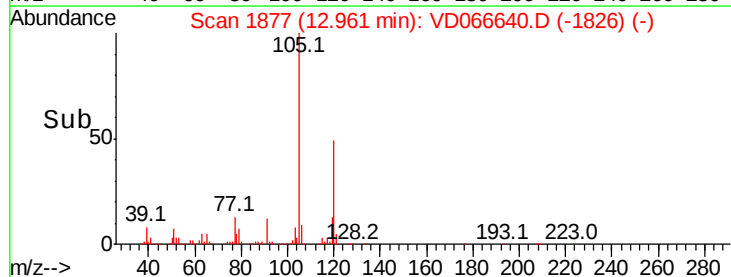
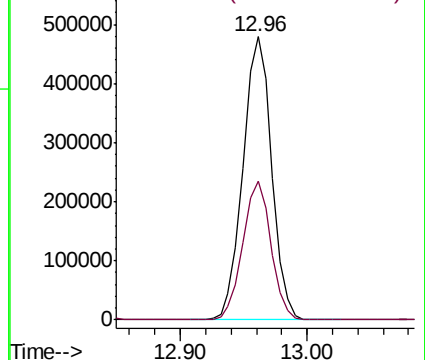
105 100

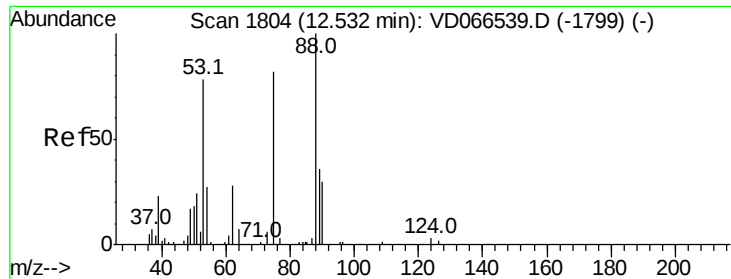
120 48.2 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.255 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

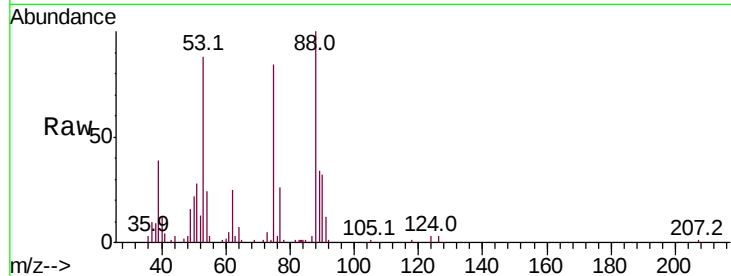
Tot Ion: 75 Resp: 46970

Ion Ratio Lower Upper

75 100

53 107.7 87.0 130.4

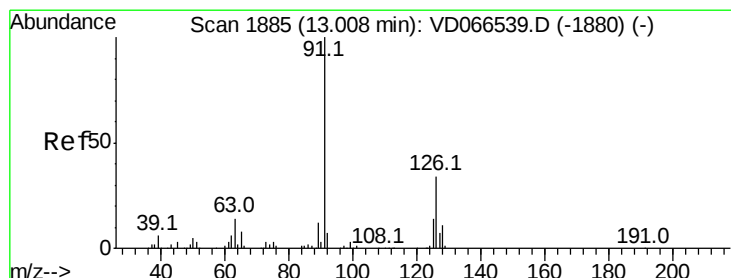
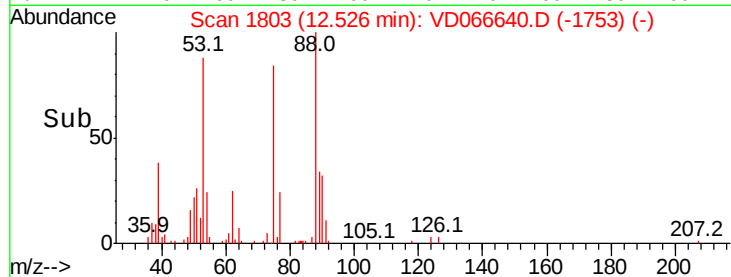
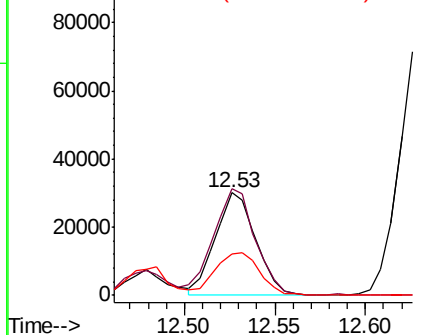
89 45.5 37.1 55.7



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: 47.187 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066640.D

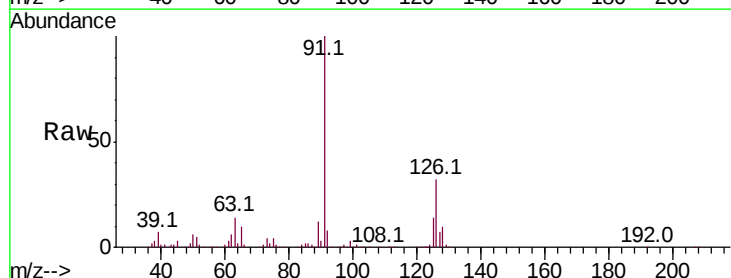
Acq: 11 Sep 2020 04:29

Tgt Ion: 91 Resp: 640164

Ion Ratio Lower Upper

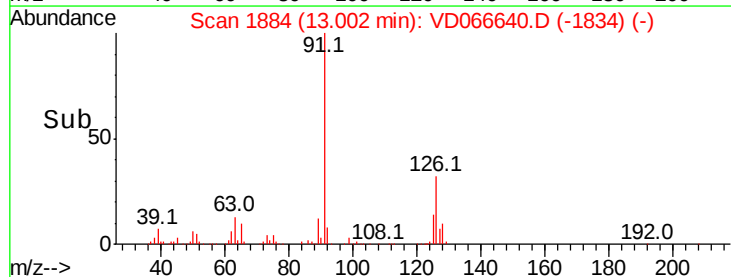
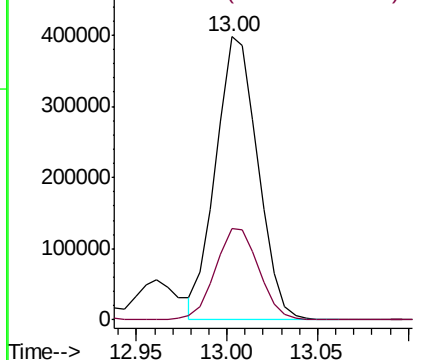
91 100

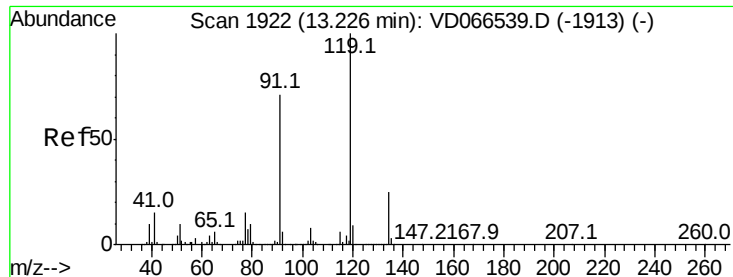
126 33.6 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

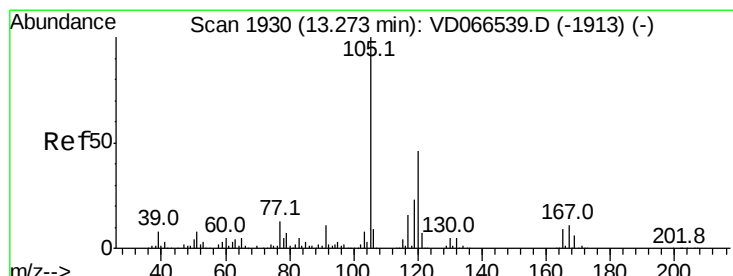
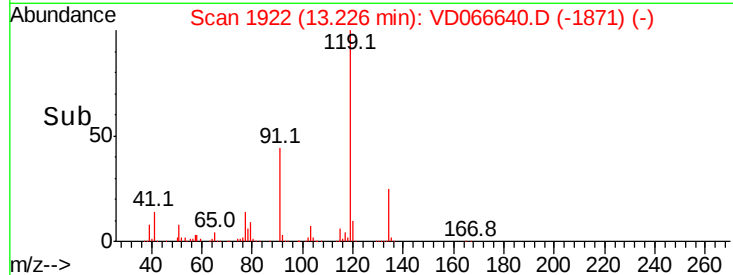
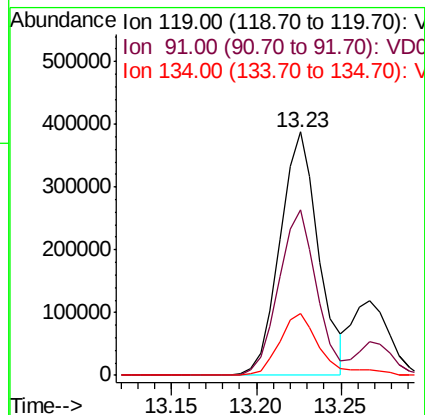
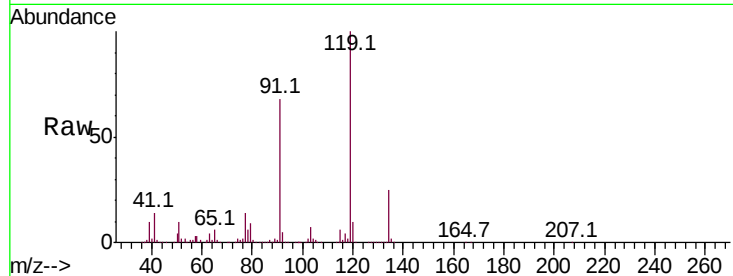




#83
tert-Butylbenzene
Concen: 47.969 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

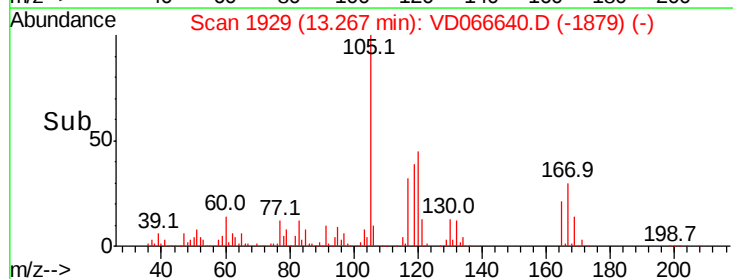
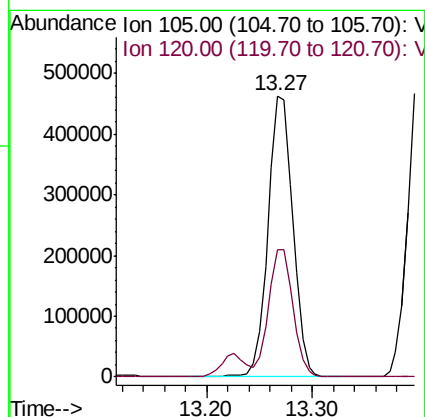
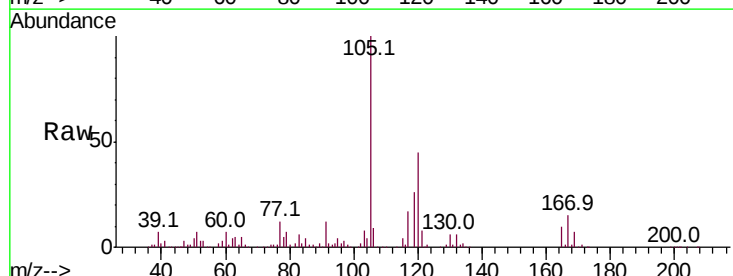
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

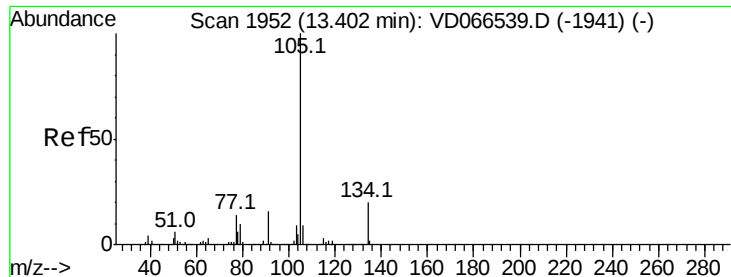
Tot Ion:119 Resp: 615041
Ion Ratio Lower Upper
119 100
91 66.5 35.2 105.6
134 26.9 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 48.273 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion:105 Resp: 754616
Ion Ratio Lower Upper
105 100
120 44.4 22.6 67.7

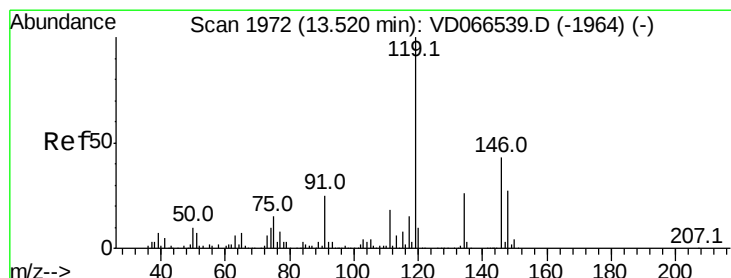
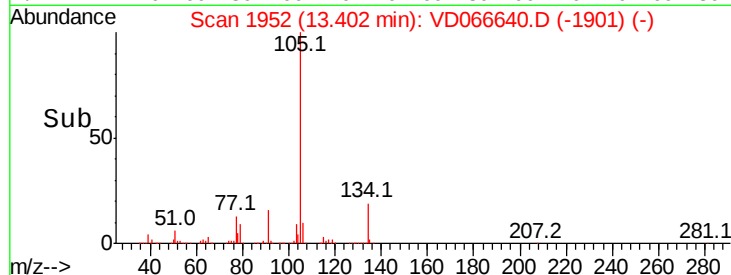
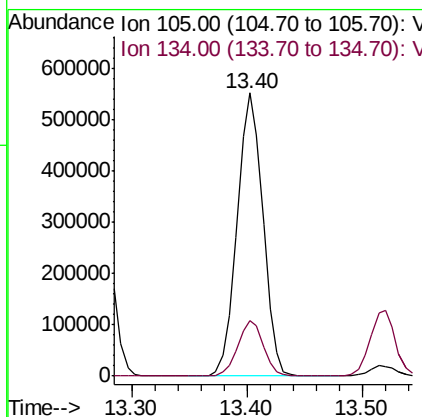
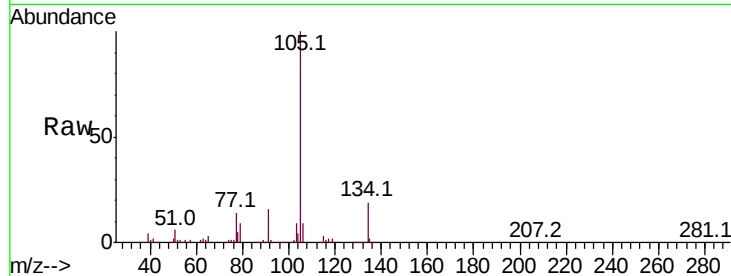




#85
 sec-Butylbenzene
 Concen: 46.050 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

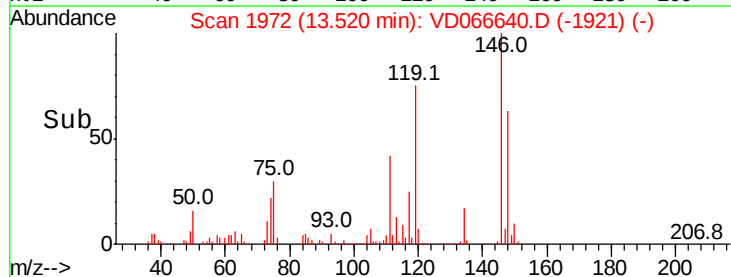
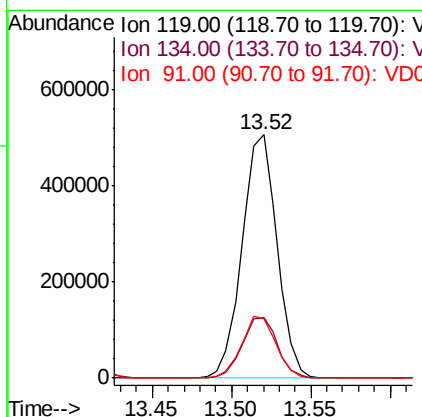
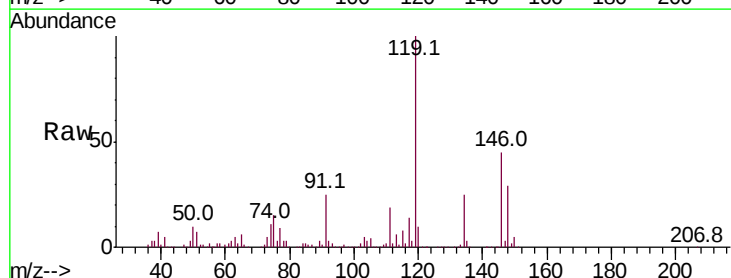
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

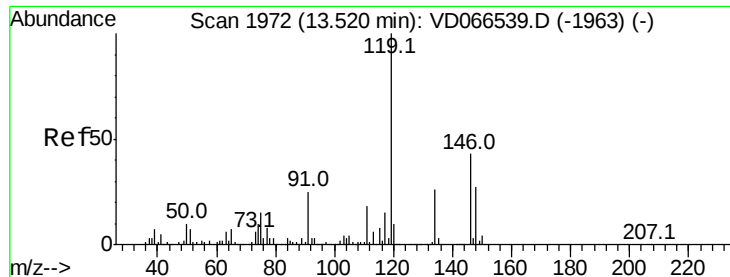
Tot Ion:105 Resp: 850648
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 46.639 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion:119 Resp: 775439
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.0
 91 25.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 47.299 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

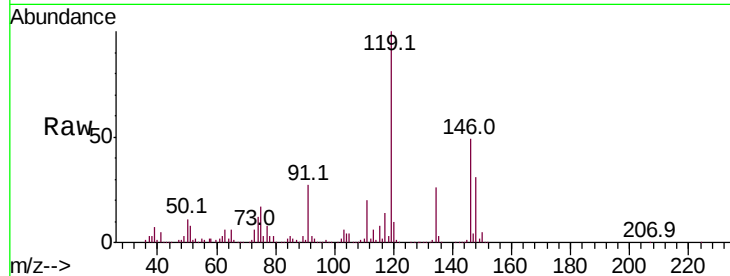
Tot Ion:146 Resp: 390524

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

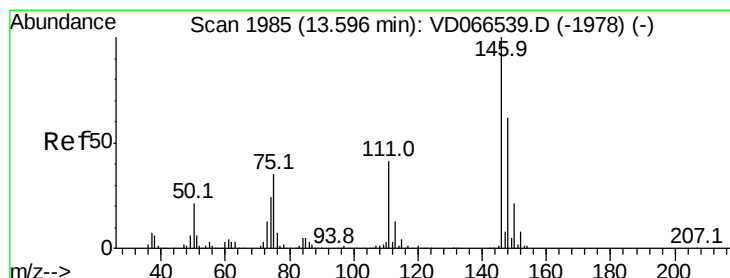
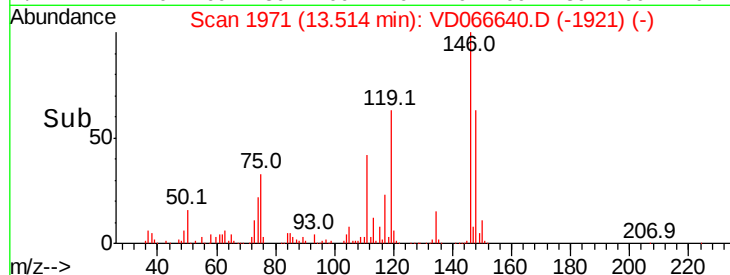
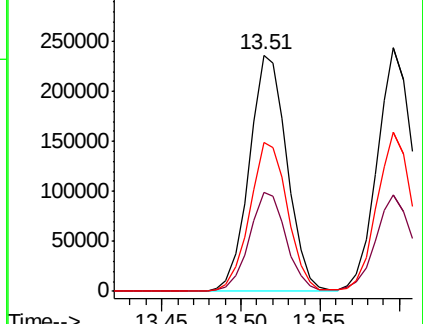
148 63.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.638 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

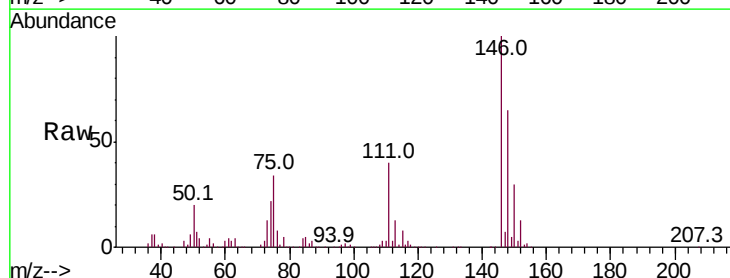
Tgt Ion:146 Resp: 378206

Ion Ratio Lower Upper

146 100

111 40.7 20.1 60.2

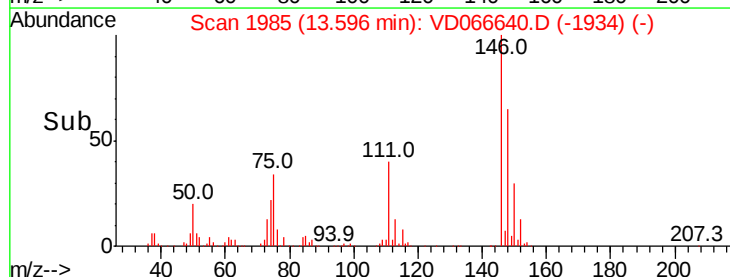
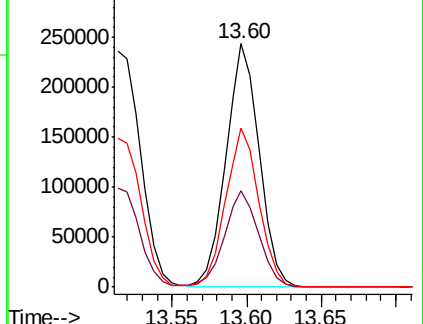
148 65.5 31.6 94.8

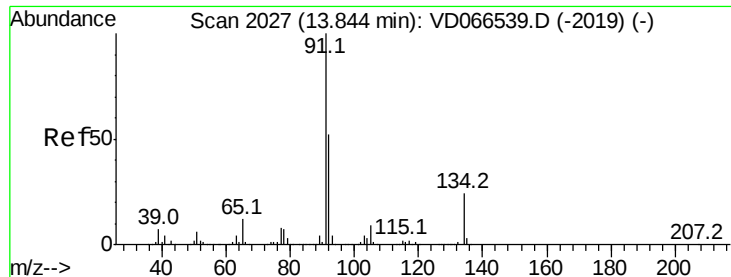


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

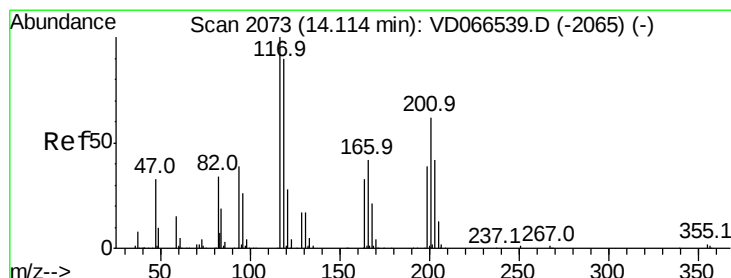
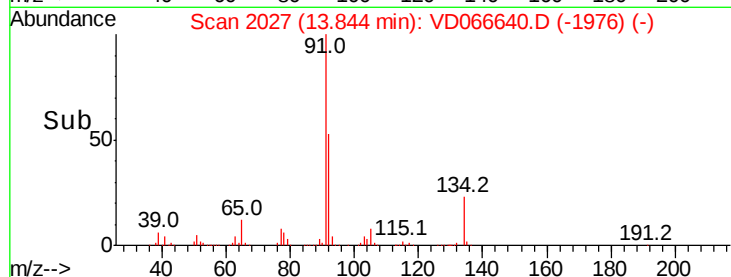
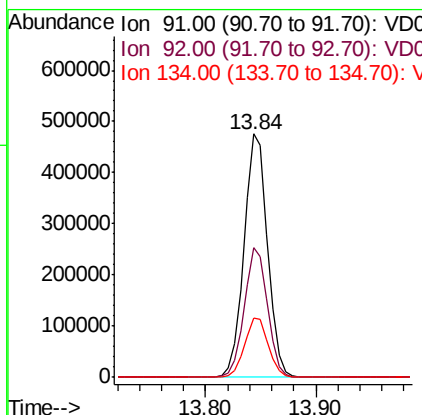
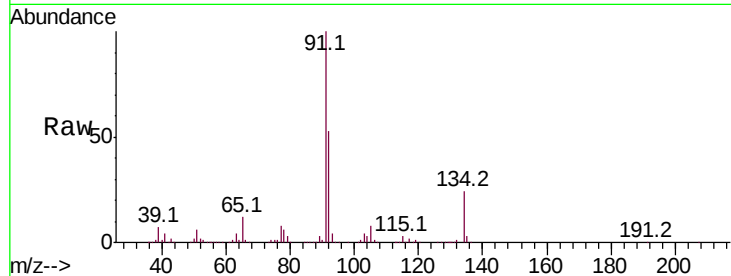




#89
n-Butylbenzene
Concen: 43.800 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

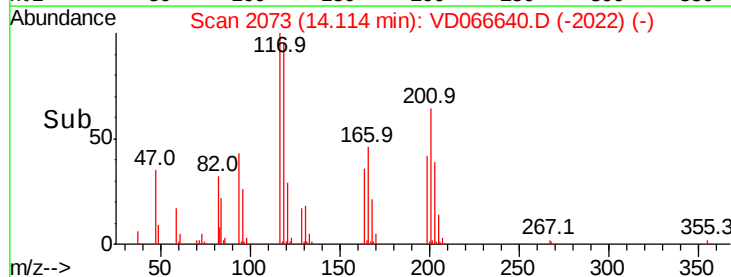
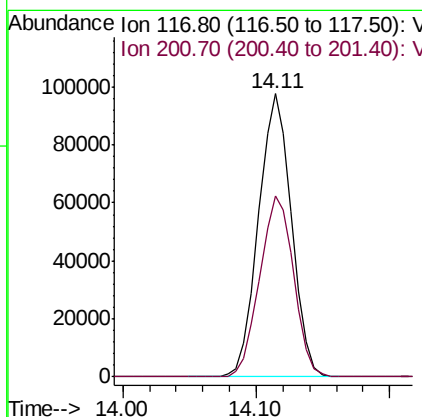
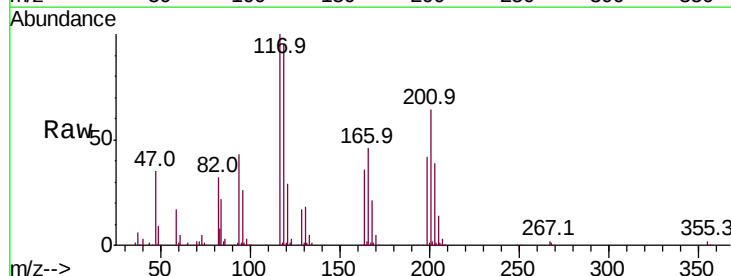
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

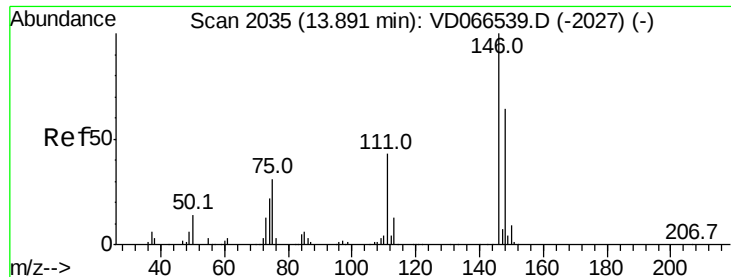
Tot Ion: 91 Resp: 709651
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 24.5 12.1 36.3



#90
Hexachloroethane
Concen: 46.327 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 117 Resp: 165966
Ion Ratio Lower Upper
117 100
201 66.1 31.9 95.5





#91

1,2-Dichlorobenzene

Concen: 47.378 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

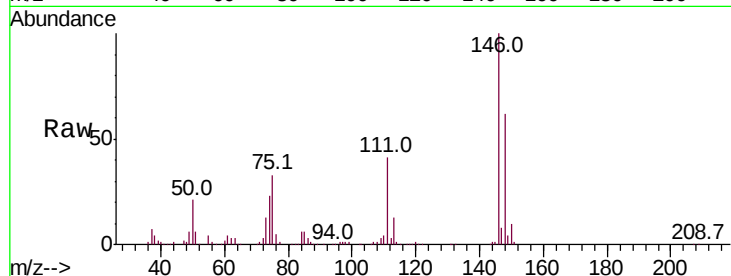
Tot Ion:146 Resp: 341918

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.4

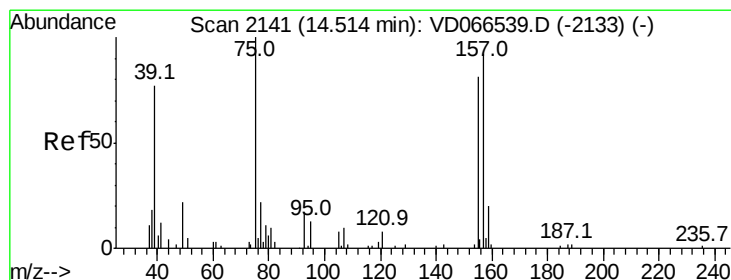
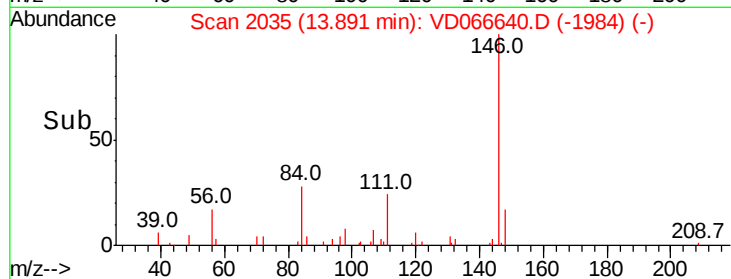
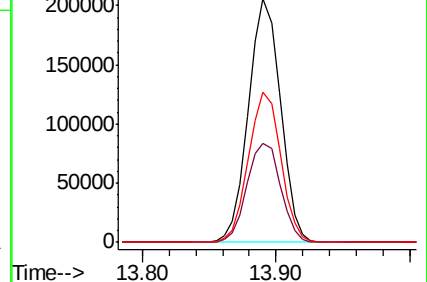
148 62.3 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.424 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

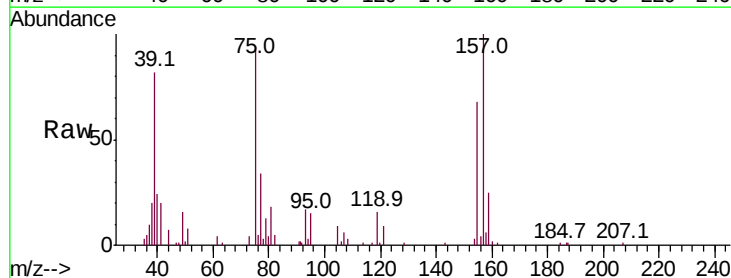
Tgt Ion: 75 Resp: 24870

Ion Ratio Lower Upper

75 100

155 81.4 39.3 117.8

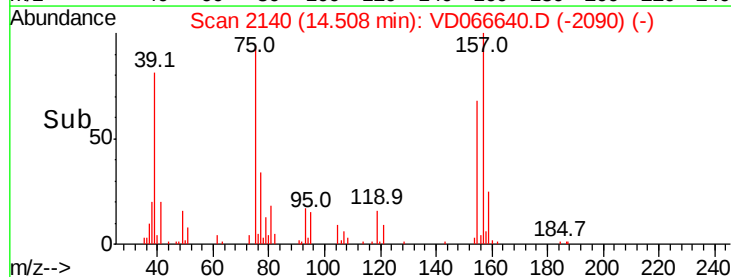
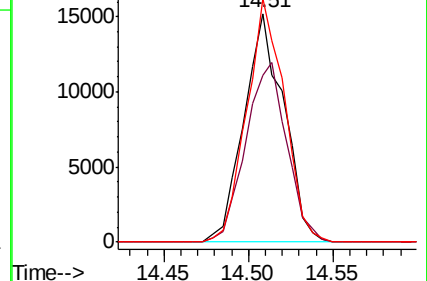
157 101.2 46.0 137.8

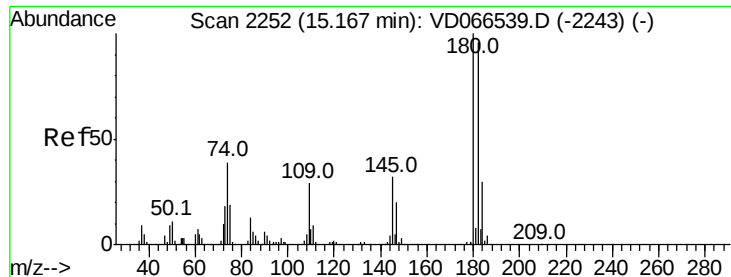


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

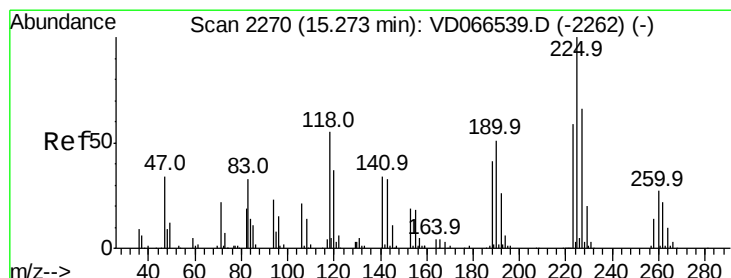
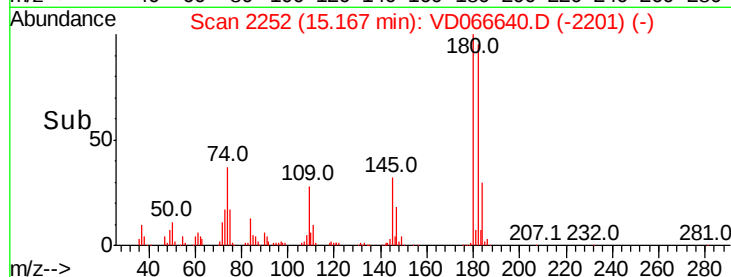
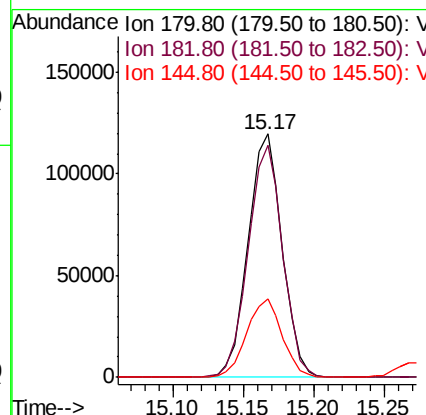
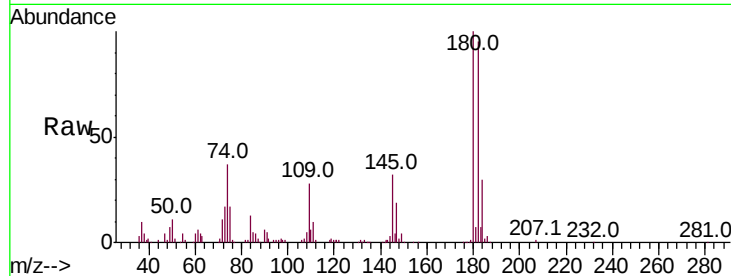




#93
 1,2,4-Trichlorobenzene
 Concen: 46.772 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

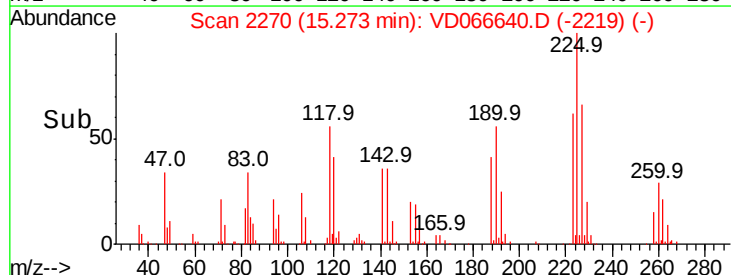
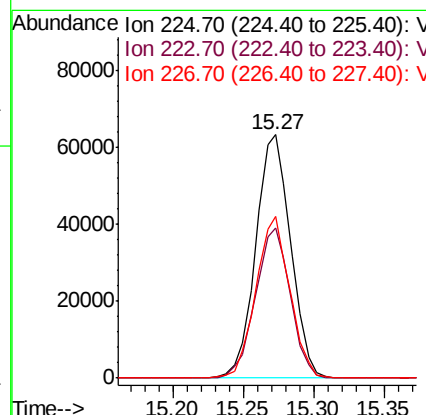
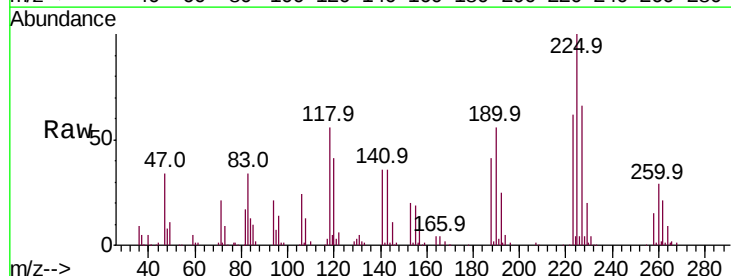
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

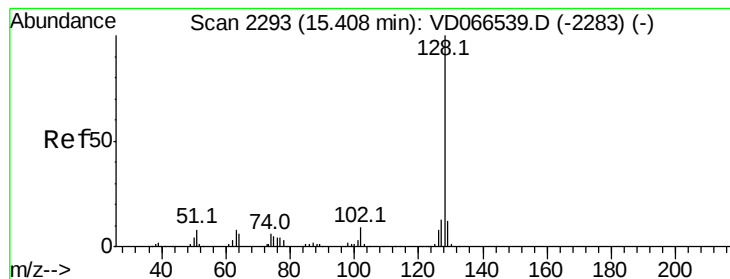
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.0
145	33.2	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 42.135 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.5	91.5
227	64.5	32.4	97.2





#95

Naphthalene

Concen: 52.014 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

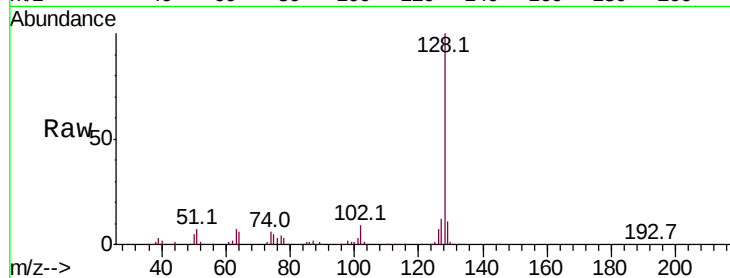
Tot Ion:128 Resp: 393666

Ion Ratio Lower Upper

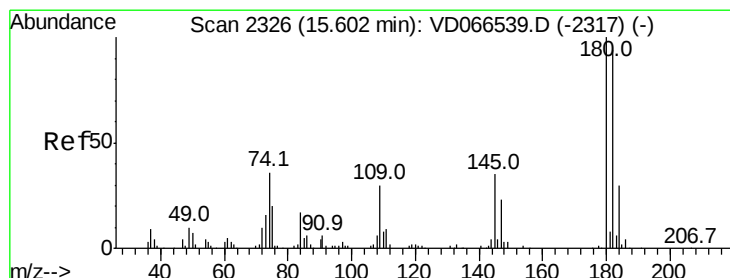
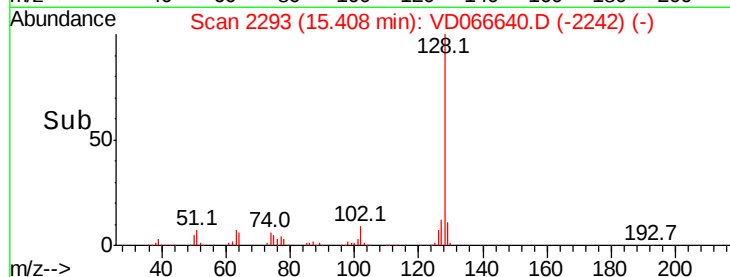
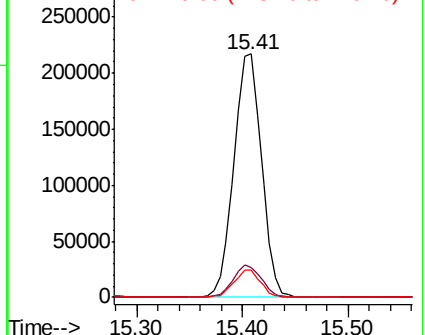
128 100

127 13.4 10.7 16.1

129 11.0 9.1 13.7



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: 49.020 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

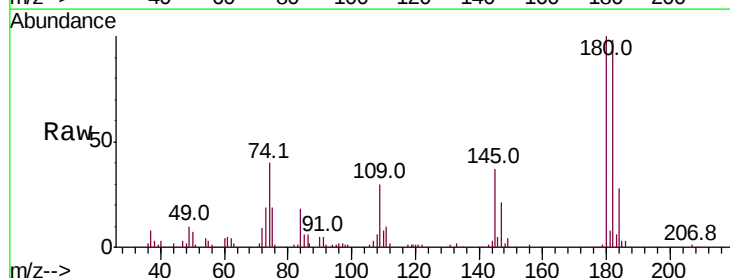
Tgt Ion:180 Resp: 181009

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.6

145 33.9 17.3 51.7



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

