

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066628.D
 Acq On : 10 Sep 2020 22:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 11 02:10:02 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	7.98	168	325776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	561569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	516150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	234066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	228909	58.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.16%	
35) Dibromofluoromethane	7.91	113	211477	55.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.64%	
50) Toluene-d8	10.34	98	764685	56.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.94%	
62) 4-Bromofluorobenzene	12.63	95	252860	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	140341	52.354	ug/l	96
3) Chloromethane	2.21	50	197503	47.939	ug/l	99
4) Vinyl Chloride	2.35	62	215228	47.101	ug/l	98
5) Bromomethane	2.77	94	152360	53.015	ug/l	94
6) Chloroethane	2.92	64	139440	48.044	ug/l	99
7) Trichlorofluoromethane	3.27	101	335292	49.671	ug/l	90
8) Diethyl Ether	3.71	74	98415	57.897	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	181315	49.630	ug/l	99
10) Methyl Iodide	4.30	142	182068	54.263	ug/l	99
11) Tert butyl alcohol	5.22	59	67279	277.977	ug/l	99
12) 1,1-Dichloroethene	4.07	96	172028	52.412	ug/l	94
13) Acrolein	3.93	56	44305	274.905	ug/l	97
14) Allyl chloride	4.71	41	294718	54.789	ug/l	99
15) Acrylonitrile	5.42	53	225107	308.279	ug/l	100
16) Acetone	4.15	43	176117	242.840	ug/l	96
17) Carbon Disulfide	4.41	76	542540	50.281	ug/l	100
18) Methyl Acetate	4.71	43	99065	57.302	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	459155	59.654	ug/l	96
20) Methylene Chloride	4.96	84	231646	59.923	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	212645	54.558	ug/l	99
22) Diisopropyl ether	6.36	45	649242	58.692	ug/l	98
23) Vinyl Acetate	6.30	43	1902934	302.296	ug/l	98
24) 1,1-Dichloroethane	6.26	63	385392	55.402	ug/l	98
25) 2-Butanone	7.21	43	278131	285.686	ug/l	92
26) 2,2-Dichloropropane	7.21	77	308470	48.343	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	236173	56.347	ug/l	98
28) Bromochloromethane	7.55	49	152508	56.946	ug/l	100
29) Tetrahydrofuran	7.56	42	187489	309.224	ug/l	97
30) Chloroform	7.71	83	414252	56.290	ug/l	97
31) Cyclohexane	7.98	56	317277	49.341	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	367067	53.051	ug/l	99
36) 1,1-Dichloropropene	8.10	75	306466	52.439	ug/l	98
37) Ethyl Acetate	7.29	43	129176	55.508	ug/l	98
38) Carbon Tetrachloride	8.09	117	320776	51.928	ug/l	96

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 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	9.35	83	334238	51.217	ug/l	97
40) Benzene	8.35	78	859092	53.673	ug/l	99
41) Methacrylonitrile	7.56	41	189258	168.008	ug/l #	19
42) 1,2-Dichloroethane	8.42	62	273714	52.779	ug/l	99
43) Isopropyl Acetate	8.45	43	251805	56.462	ug/l	99
44) Trichloroethene	9.11	130	221589	52.778	ug/l	98
45) 1,2-Dichloropropane	9.38	63	218178	54.203	ug/l	96
46) Dibromomethane	9.47	93	121378	54.656	ug/l	97
47) Bromodichloromethane	9.66	83	327034	54.430	ug/l	97
48) Methyl methacrylate	9.45	41	125405	55.610	ug/l	95
49) 1,4-Dioxane	9.46	88	27594	1132.597	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	670317	298.029	ug/l	99
52) Toluene	10.40	92	549612	54.245	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	295771	55.764	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	346042	54.328	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	160380	56.168	ug/l	97
56) Ethyl methacrylate	10.66	69	198753	59.783	ug/l	97
57) 1,3-Dichloropropane	10.94	76	279366	55.858	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	398856	262.293	ug/l	98
59) 2-Hexanone	10.98	43	455836	301.375	ug/l	100
60) Dibromochloromethane	11.14	129	208777	55.294	ug/l	99
61) 1,2-Dibromoethane	11.24	107	154591	55.650	ug/l	100
64) Tetrachloroethene	10.87	164	177199	50.989	ug/l	98
65) Chlorobenzene	11.67	112	558319	52.410	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	219008	53.867	ug/l	100
67) Ethyl Benzene	11.74	91	1039360	53.135	ug/l	99
68) m/p-Xylenes	11.85	106	789114	108.648	ug/l	99
69) o-Xylene	12.18	106	355484	54.614	ug/l	98
70) Styrene	12.19	104	631879	55.839	ug/l	98
71) Bromoform	12.36	173	113816	55.547	ug/l #	99
73) Isopropylbenzene	12.48	105	977163	56.386	ug/l	99
74) N-amyl acetate	12.29	43	231553	58.994	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	175779	57.414	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	229909	102.132	ug/l #	100
77) Bromobenzene	12.76	156	215798	55.854	ug/l	98
78) n-propylbenzene	12.82	91	1172825	55.827	ug/l	100
79) 2-Chlorotoluene	12.91	91	658623	55.883	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	829617	56.877	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	53866	55.865	ug/l	96
82) 4-Chlorotoluene	13.00	91	710054	56.339	ug/l	99
83) tert-Butylbenzene	13.23	119	676834	56.823	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	829620	57.128	ug/l	99
85) sec-Butylbenzene	13.40	105	955496	55.679	ug/l	99
86) p-Isopropyltoluene	13.52	119	871237	56.406	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	416006	54.236	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	407576	52.941	ug/l	98
89) n-Butylbenzene	13.84	91	827932	55.006	ug/l	99
90) Hexachloroethane	14.11	117	177610	53.367	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	365809	54.563	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29698	57.102	ug/l	95

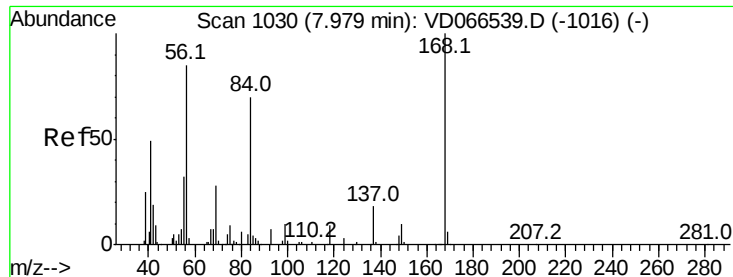
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091020\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	224913	55.899	ug/l	99
94) Hexachlorobutadiene	15.27	225	125624	51.970	ug/l	98
95) Naphthalene	15.40	128	444327	63.195	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	200425	58.427	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

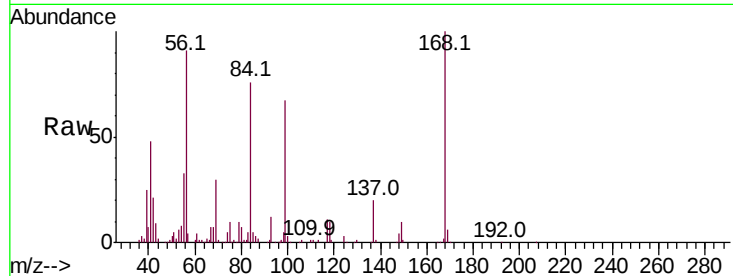
VSTDCCC050

Tot Ion:168 Resp: 325776

Ion Ratio Lower Upper

168 100

99 67.0 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

100000

50000

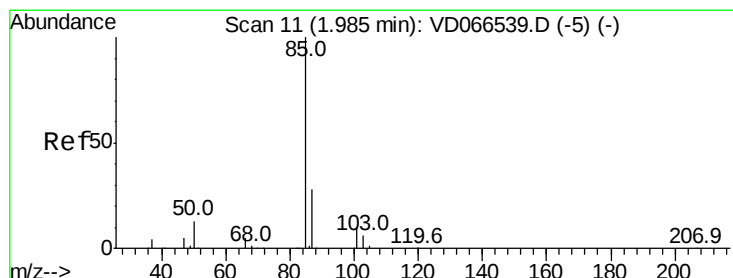
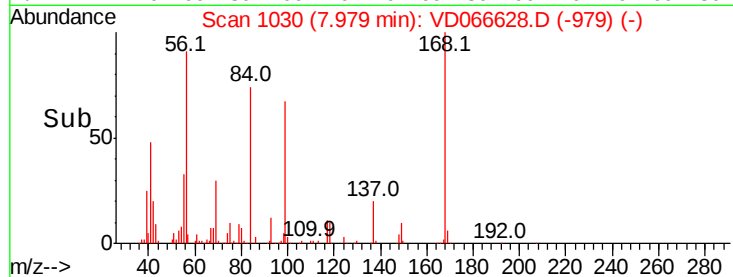
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.354 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066628.D

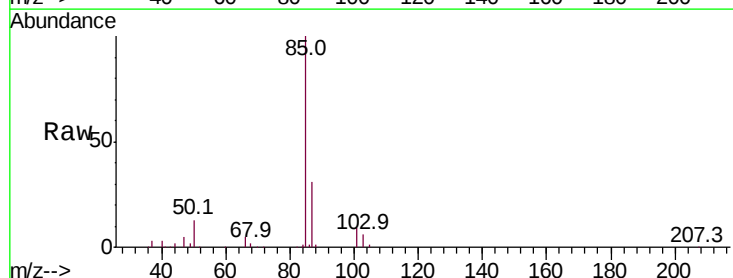
Acq: 10 Sep 2020 22:33

Tgt Ion: 85 Resp: 140341

Ion Ratio Lower Upper

85 100

87 30.6 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

120000

100000

80000

60000

40000

20000

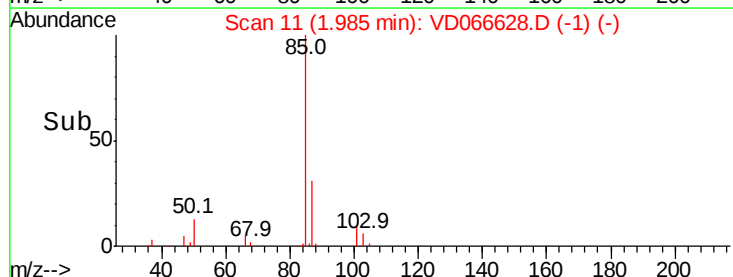
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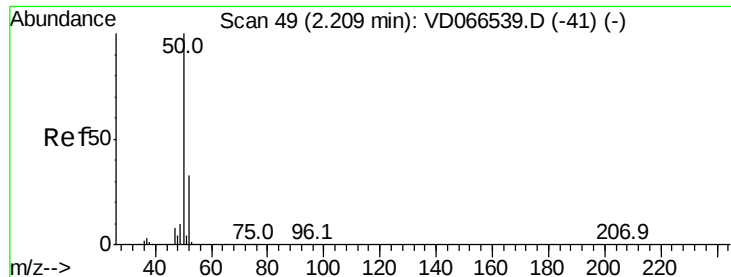
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 47.939 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

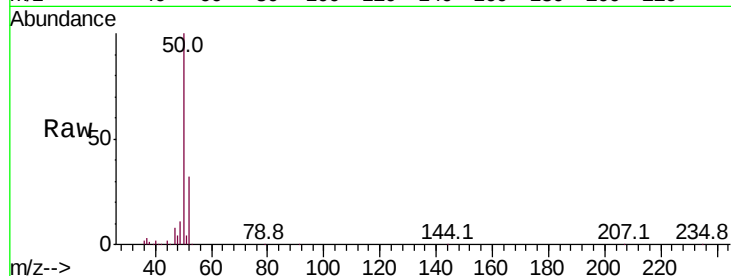
VSTDCCC050

Tot Ion: 50 Resp: 197503

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

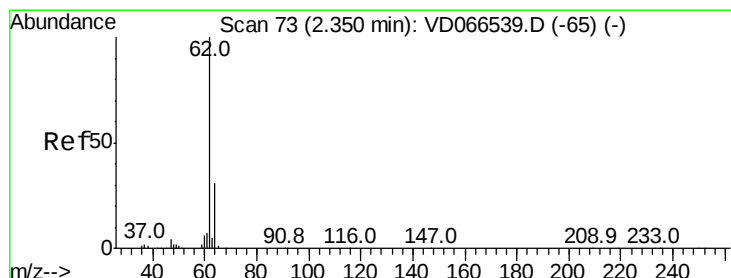
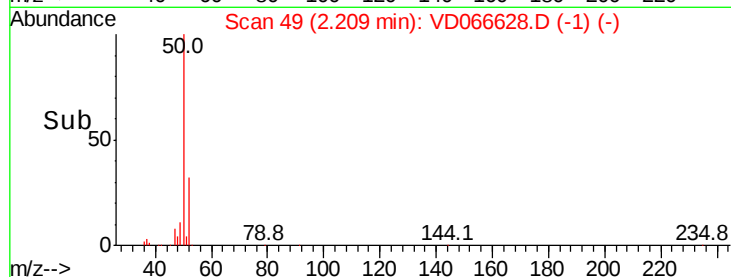
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.101 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066628.D

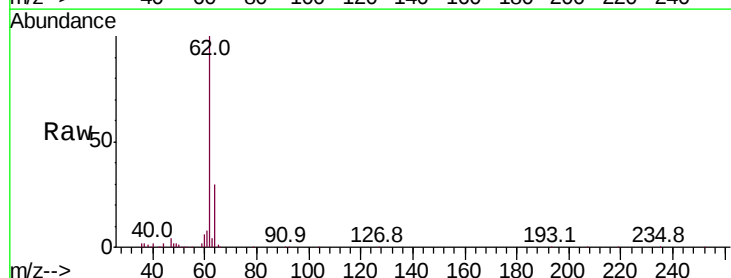
Acq: 10 Sep 2020 22:33

Tgt Ion: 62 Resp: 215228

Ion Ratio Lower Upper

62 100

64 30.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

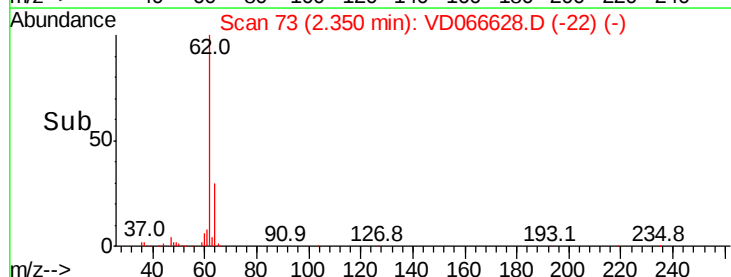
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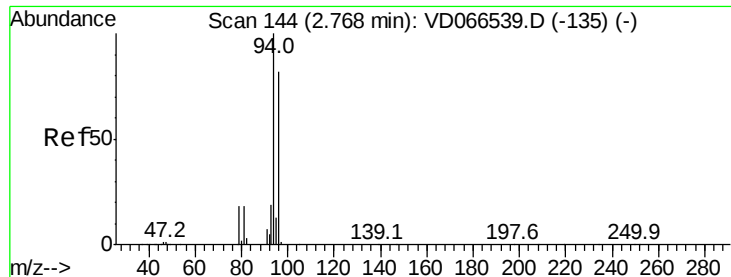
100000

50000

0

Time-->





#5

Bromomethane

Concen: 53.015 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

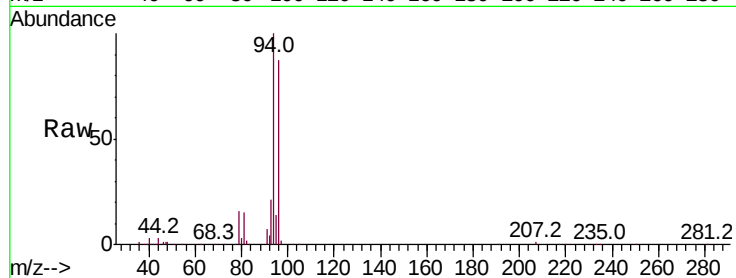
VSTDCCC050

Tot Ion: 94 Resp: 152360

Ion Ratio Lower Upper

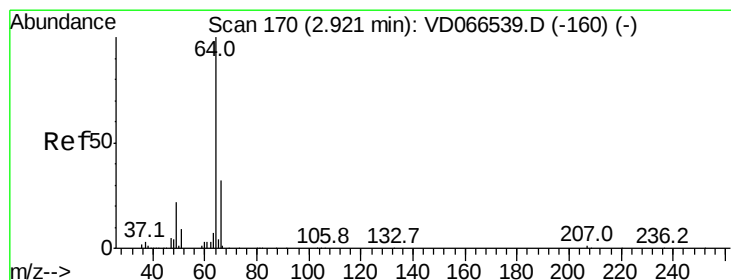
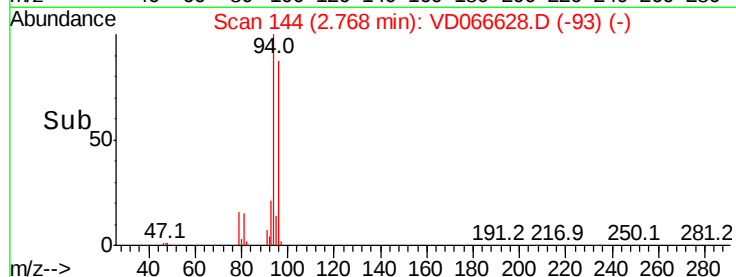
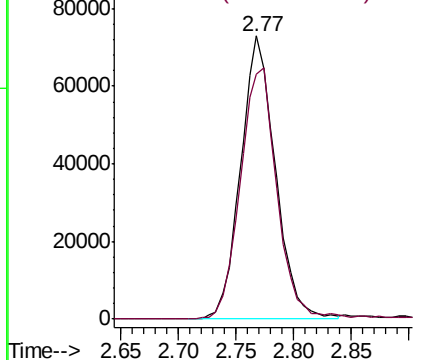
94 100

96 86.8 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.044 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066628.D

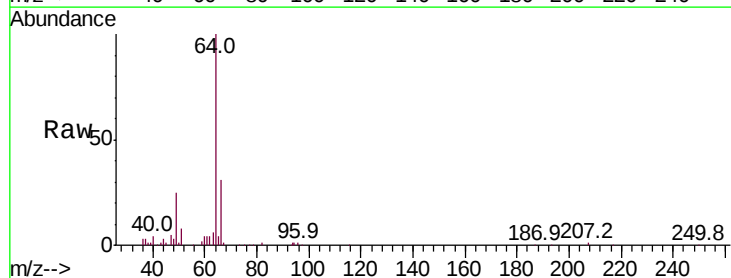
Acq: 10 Sep 2020 22:33

Tgt Ion: 64 Resp: 139440

Ion Ratio Lower Upper

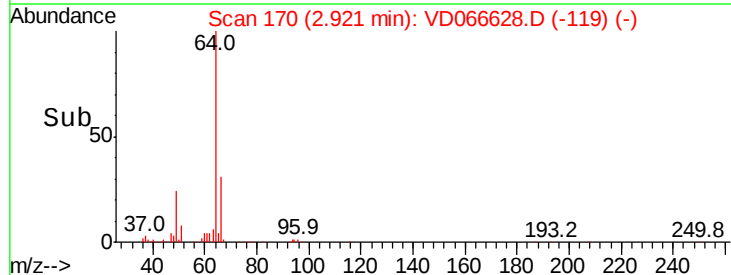
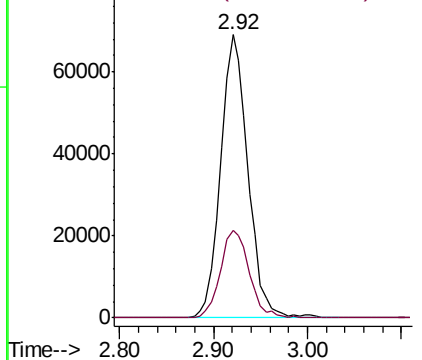
64 100

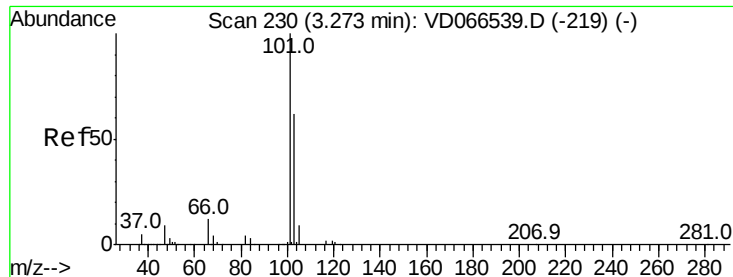
66 31.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



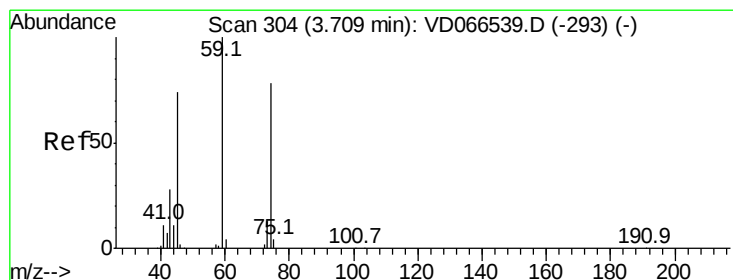
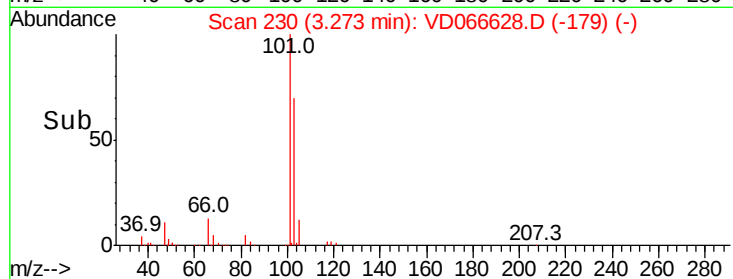
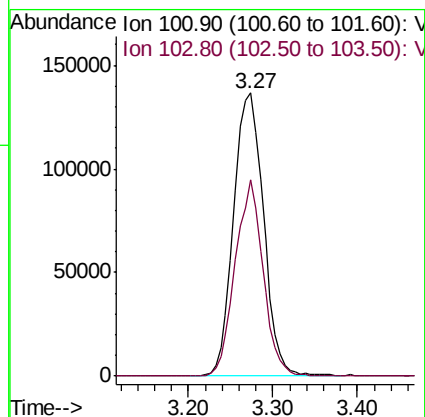
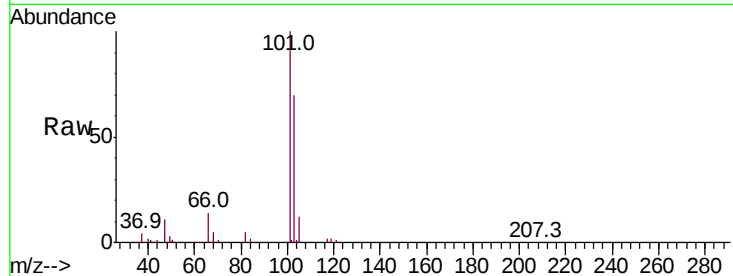


#7

Trichlorofluoromethane
 Concen: 49.671 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

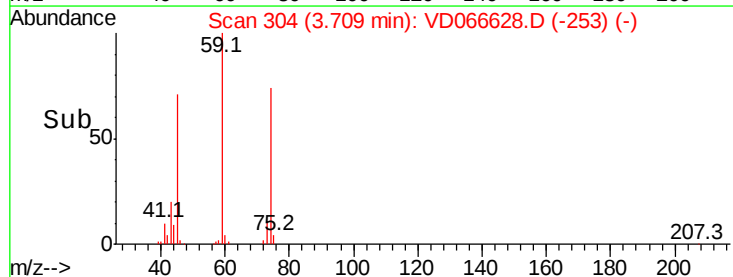
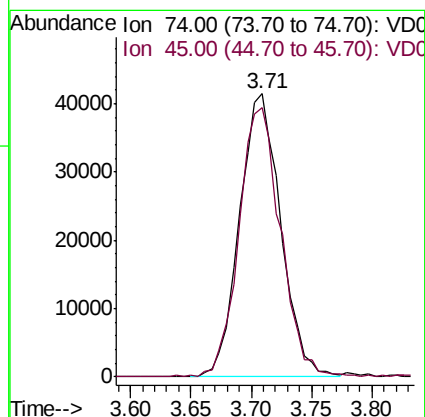
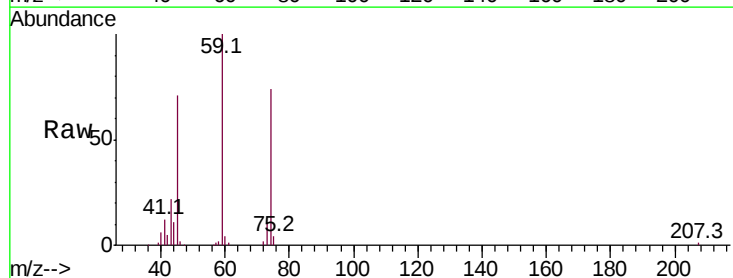
Tot Ion:101 Resp: 335292
 Ion Ratio Lower Upper
 101 100
 103 69.5 49.7 74.5

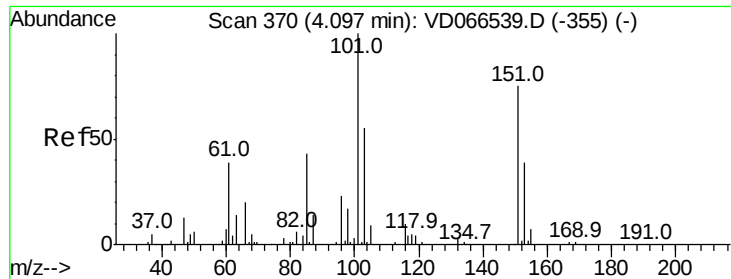


#8

Diethyl Ether
 Concen: 57.897 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion: 74 Resp: 98415
 Ion Ratio Lower Upper
 74 100
 45 96.7 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.630 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

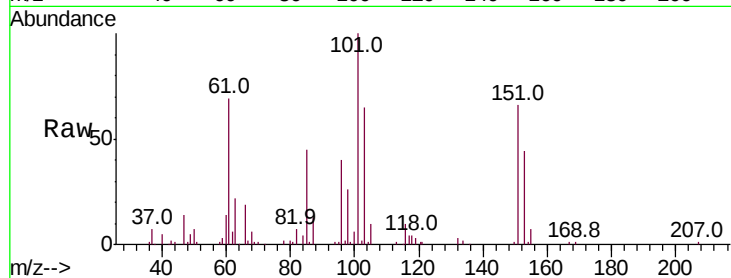
Tot Ion:101 Resp: 181315

Ion Ratio Lower Upper

101 100

85 47.1 37.0 55.6

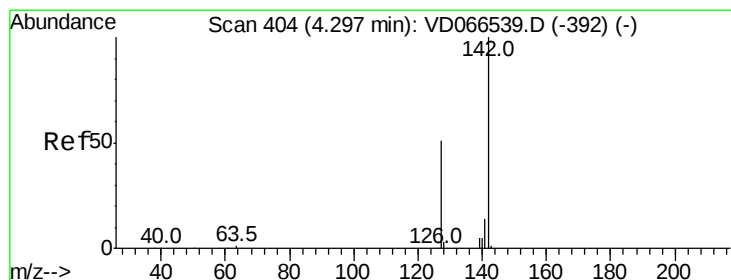
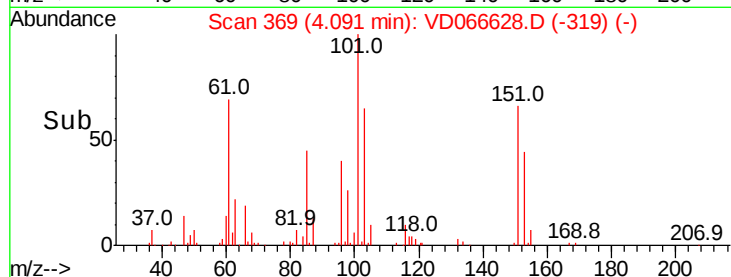
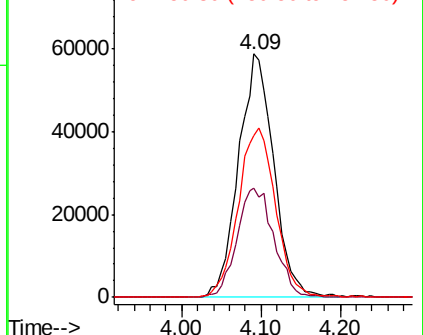
151 73.8 59.4 89.2



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: 54.263 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

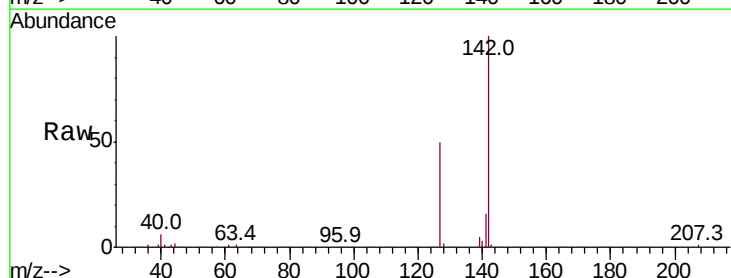
Tgt Ion:142 Resp: 182068

Ion Ratio Lower Upper

142 100

127 51.7 40.6 61.0

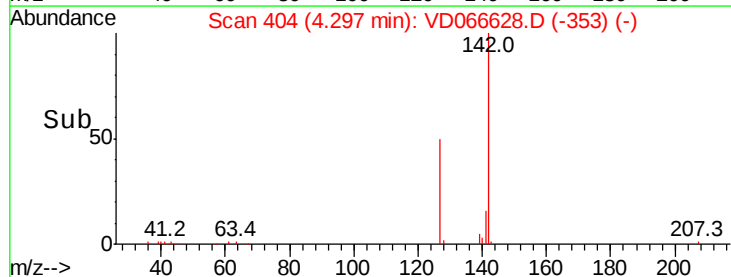
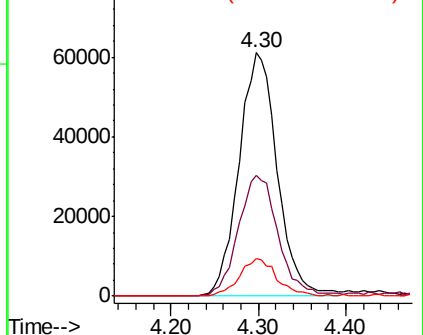
141 15.0 12.2 18.4

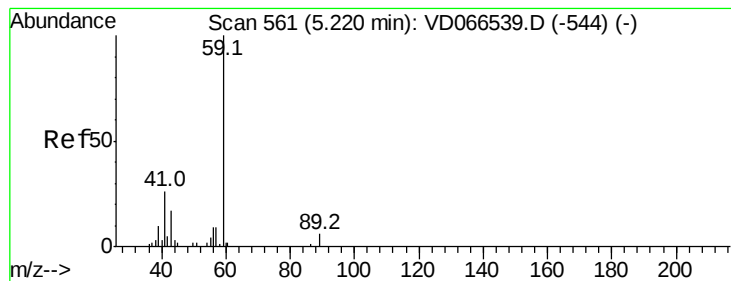


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



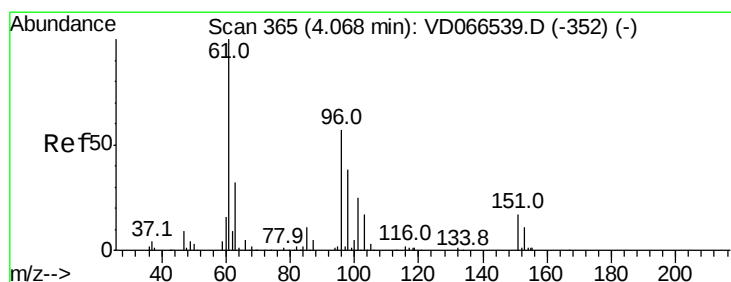
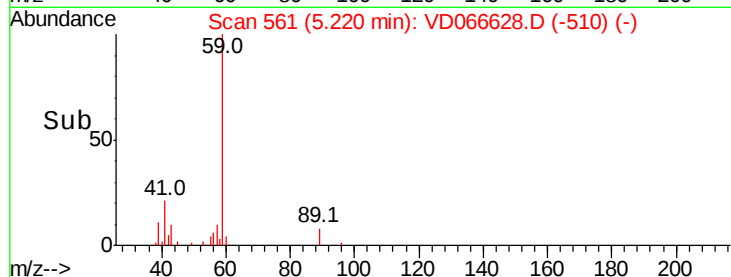
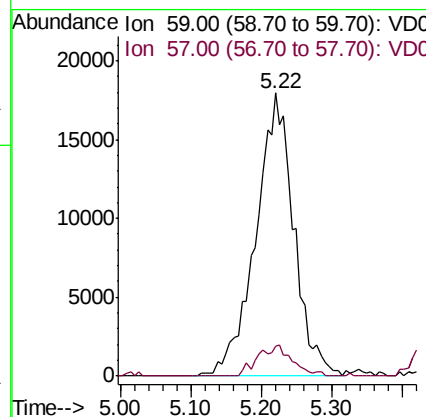
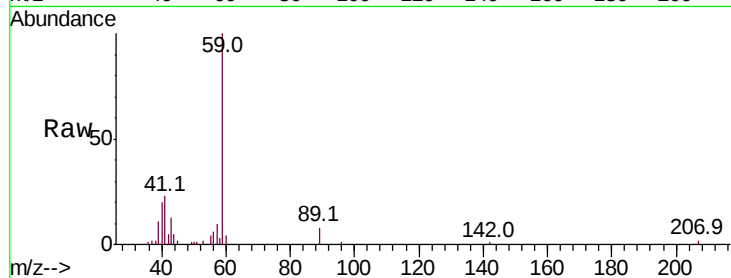


#11

Tert butyl alcohol
 Concen: 277.977 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

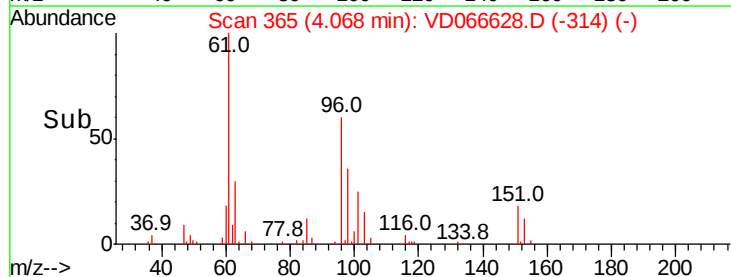
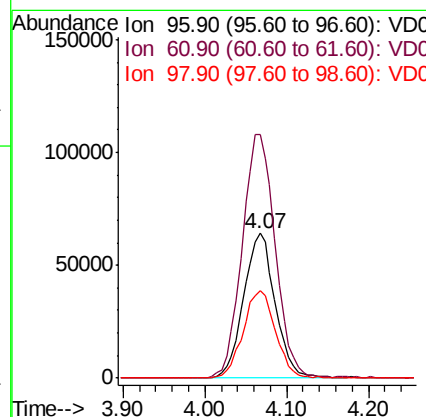
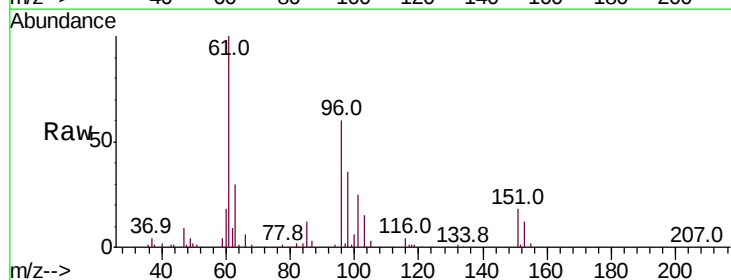
Tot Ion: 59 Resp: 67279
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.6 11.4

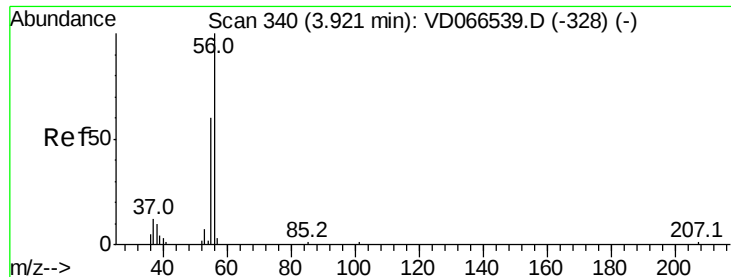


#12

1,1-Dichloroethene
 Concen: 52.412 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion: 96 Resp: 172028
 Ion Ratio Lower Upper
 96 100
 61 167.9 140.9 211.3
 98 60.7 53.2 79.8





#13

Acrolein

Concen: 274.905 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

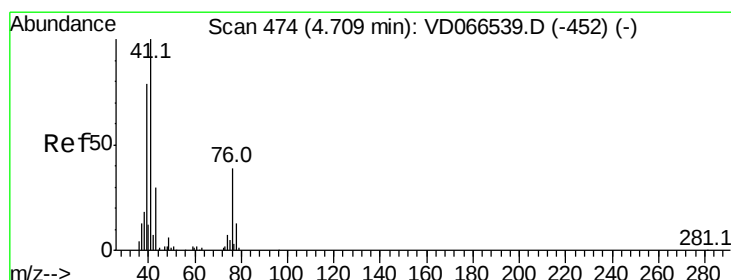
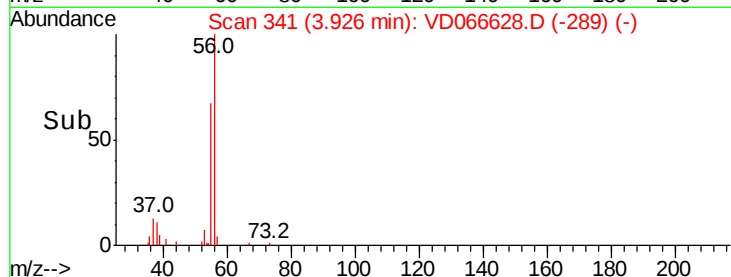
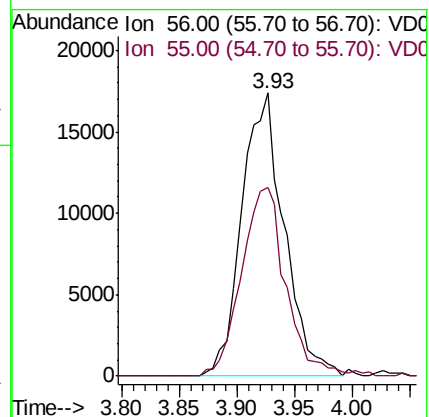
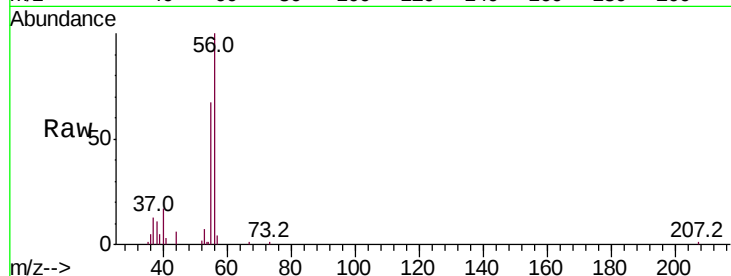
VSTDCCC050

Tot Ion: 56 Resp: 44305

Ion Ratio Lower Upper

56 100

55 69.4 53.6 80.4



#14

Allyl chloride

Concen: 54.789 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

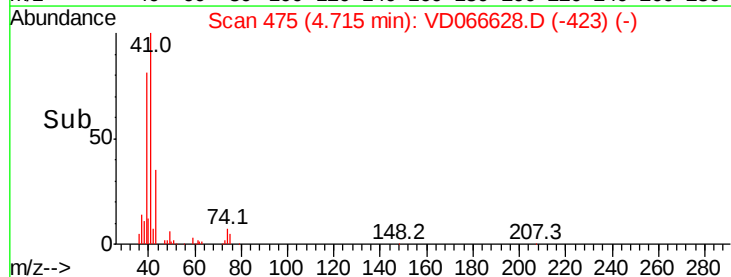
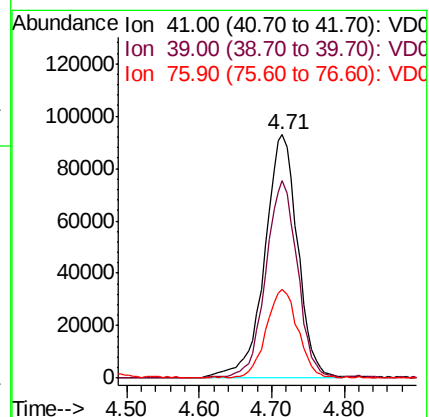
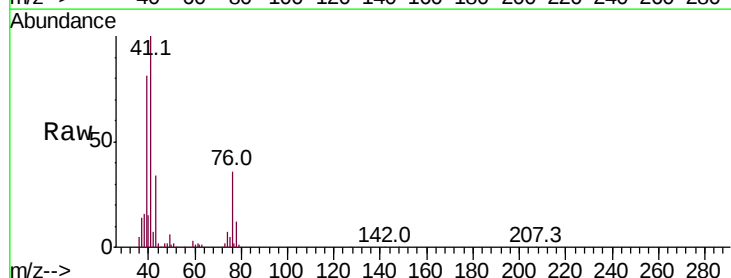
Tgt Ion: 41 Resp: 294718

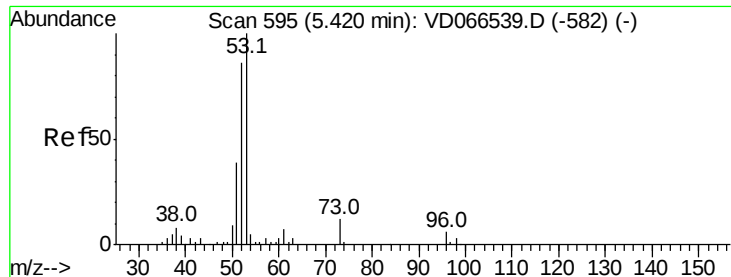
Ion Ratio Lower Upper

41 100

39 77.9 61.9 92.9

76 35.3 29.0 43.6





#15

Acrylonitrile

Concen: 308.279 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

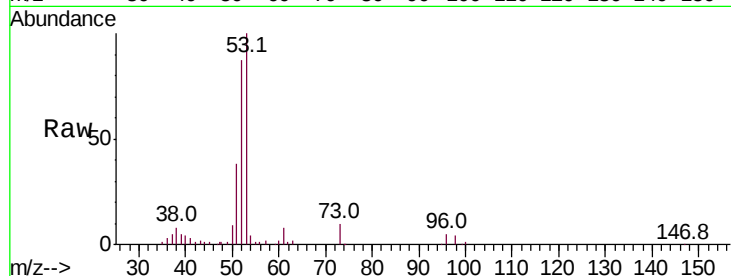
MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 225107

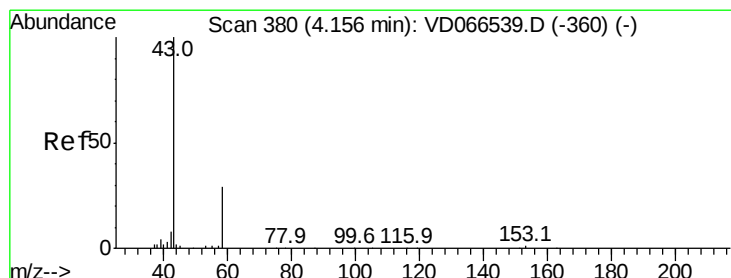
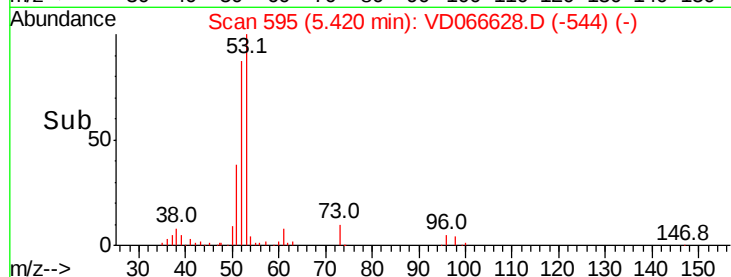
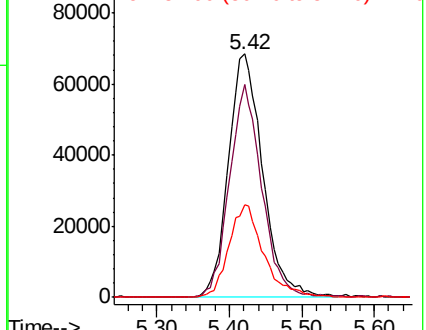
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.4	98.2
51	38.5	31.2	46.8



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: 242.840 ug/l

RT: 4.15 min Scan# 379

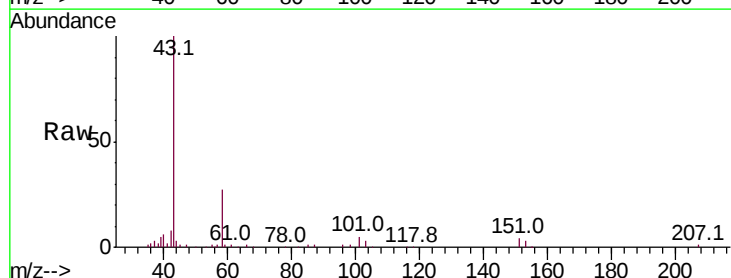
Delta R.T. -0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

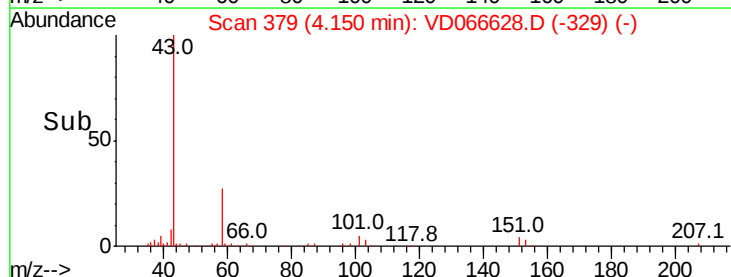
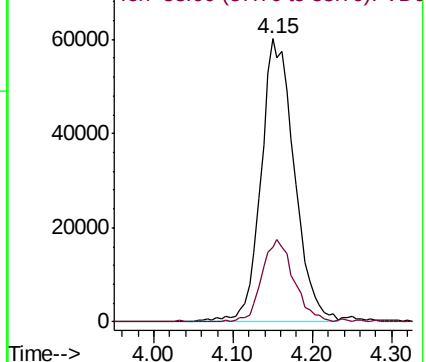
Tgt Ion: 43 Resp: 176117

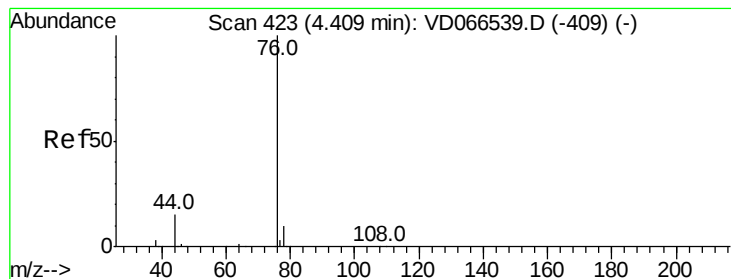
Ion	Ratio	Lower	Upper
43	100		
58	26.3	22.9	34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 50.281 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

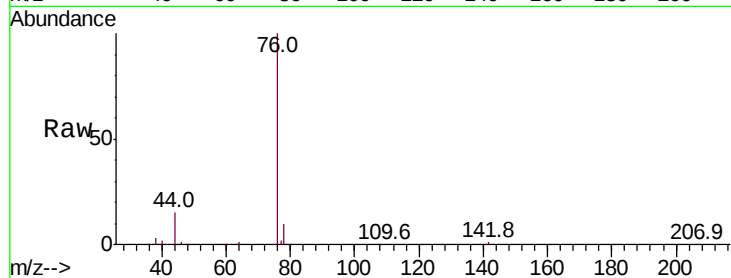
VSTDCCC050

Tot Ion: 76 Resp: 542540

Ion Ratio Lower Upper

76 100

78 9.6 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

200000

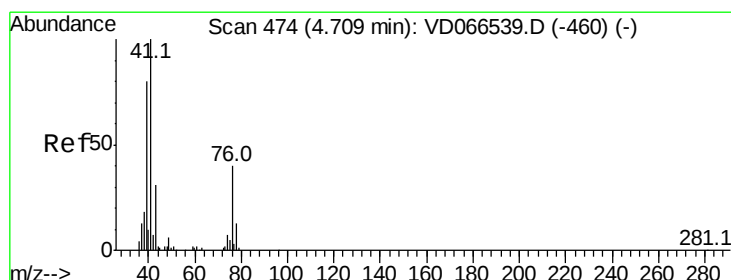
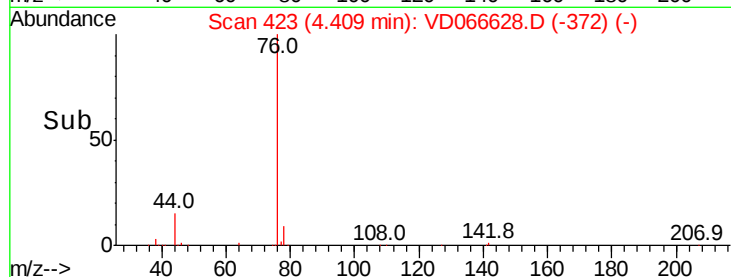
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 57.302 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066628.D

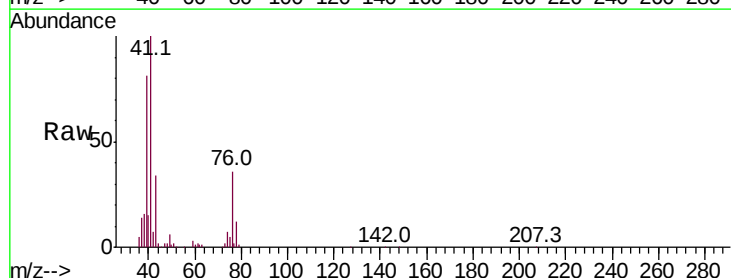
Acq: 10 Sep 2020 22:33

Tgt Ion: 43 Resp: 99065

Ion Ratio Lower Upper

43 100

74 24.1 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

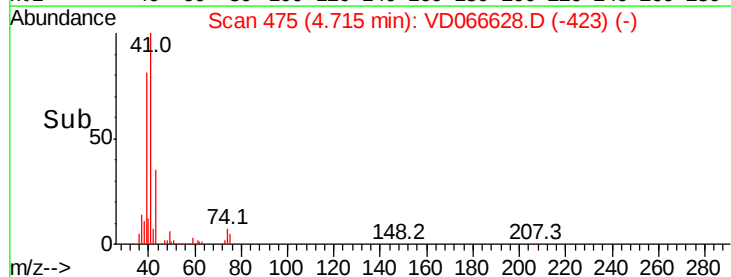
30000

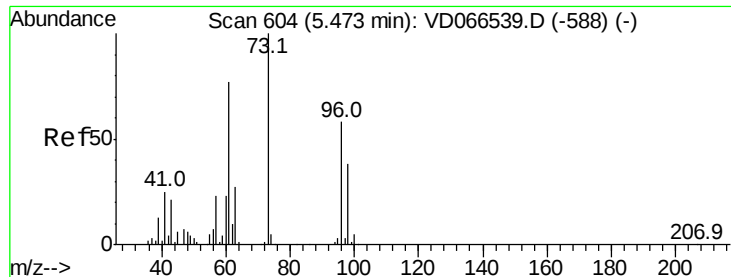
20000

10000

0

Time-->



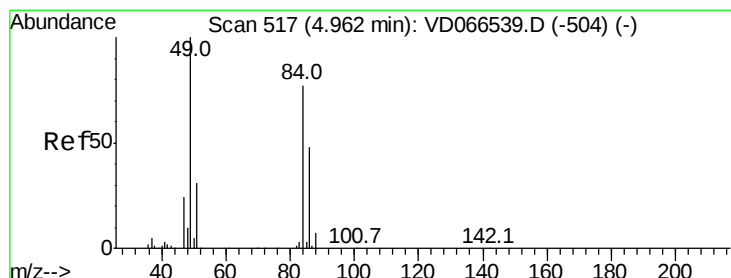
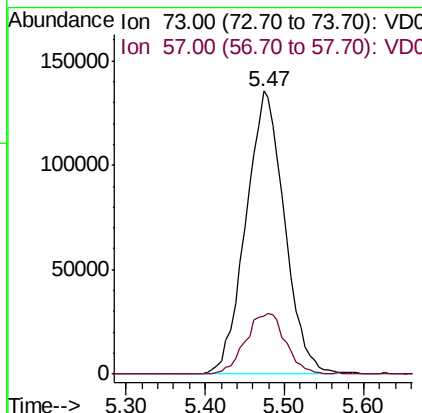
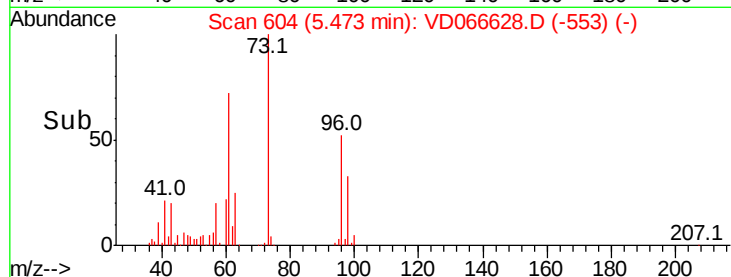
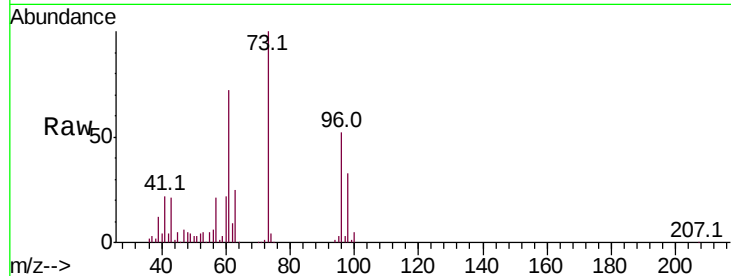


#19

Methyl tert-butyl Ether
 Concen: 59.654 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

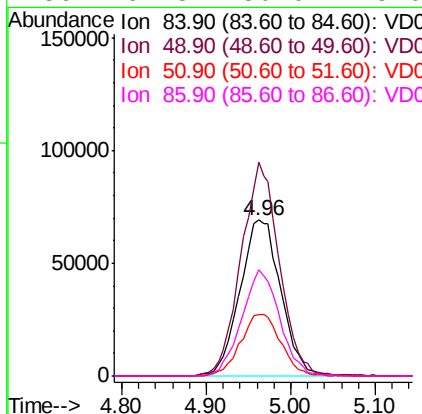
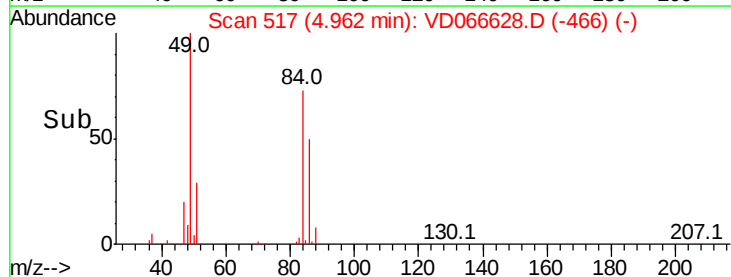
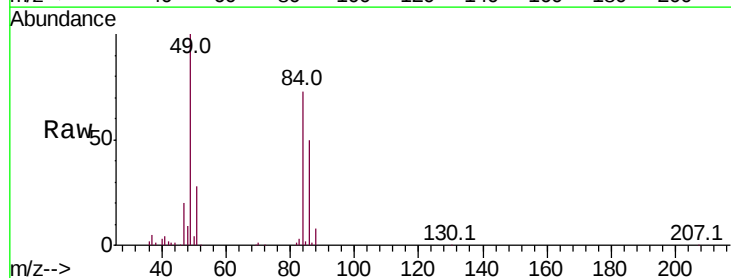
Tot Ion: 73 Resp: 459155
 Ion Ratio Lower Upper
 73 100
 57 20.7 18.3 27.5

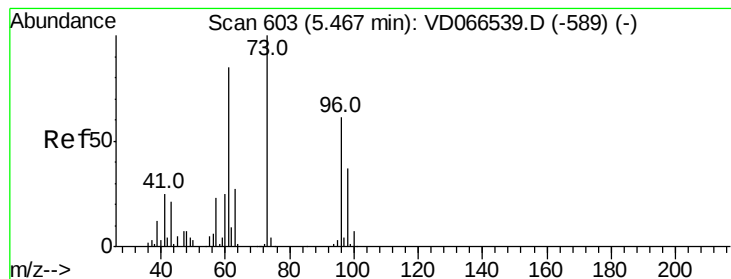


#20

Methylene Chloride
 Concen: 59.923 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion: 84 Resp: 231646
 Ion Ratio Lower Upper
 84 100
 49 136.8 104.3 156.5
 51 39.0 32.2 48.4
 86 67.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 54.558 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

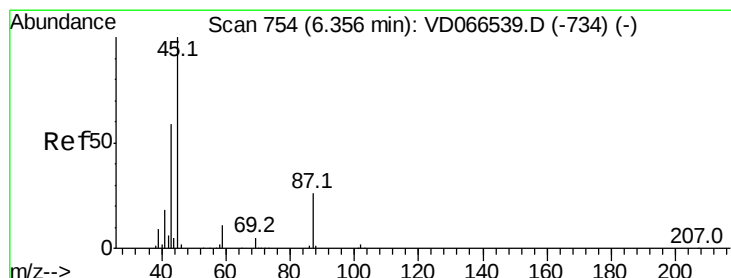
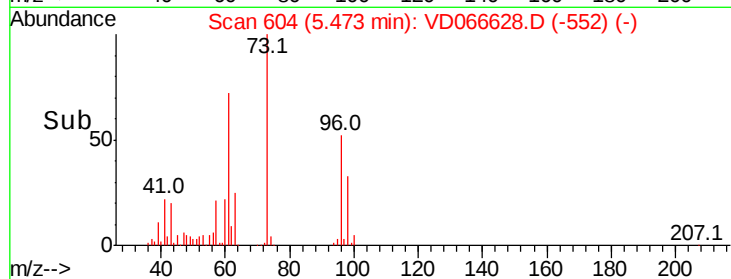
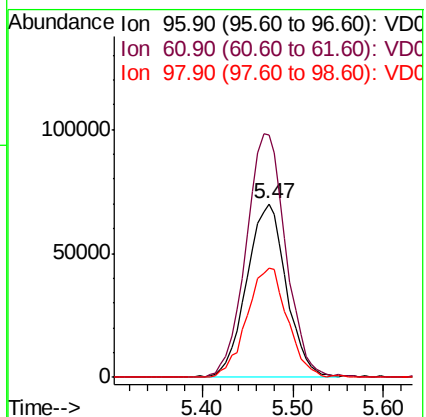
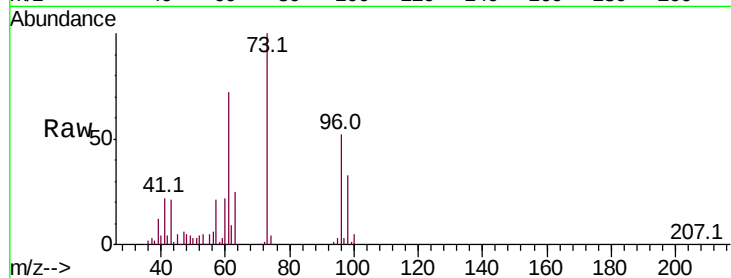
Tot Ion: 96 Resp: 212645

Ion Ratio Lower Upper

96 100

61 139.9 112.1 168.1

98 63.1 48.6 72.8



#22

Diisopropyl ether

Concen: 58.692 ug/l

RT: 6.36 min Scan# 754

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Tgt Ion: 45 Resp: 649242

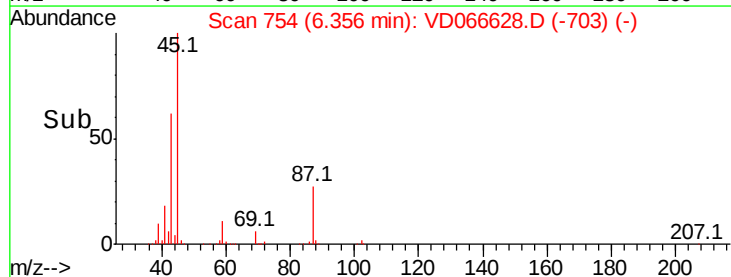
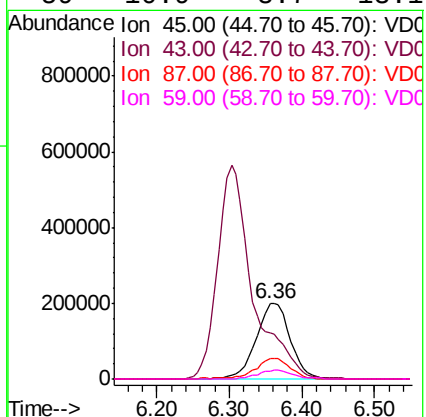
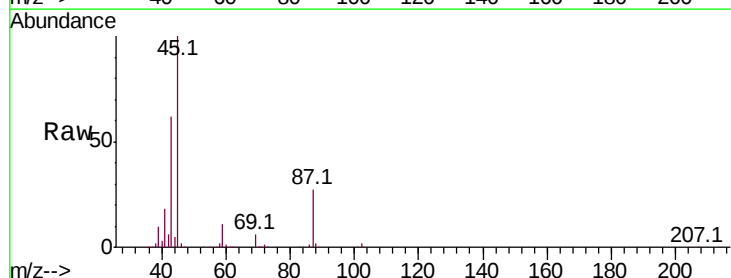
Ion Ratio Lower Upper

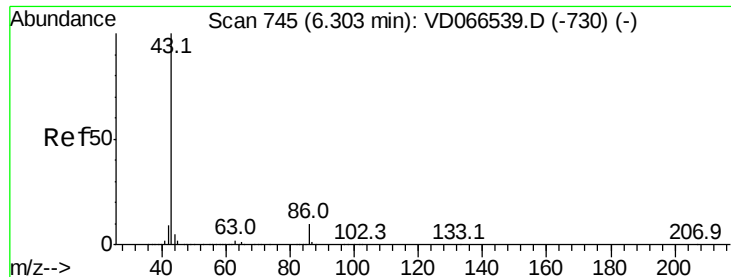
45 100

43 60.8 47.0 70.4

87 26.7 21.3 31.9

59 10.9 8.7 13.1





#23

Vinyl Acetate

Concen: 302.296 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

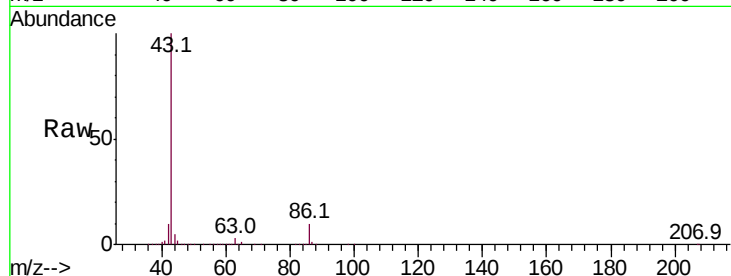
VSTDCCC050

Tot Ion: 43 Resp: 1902934

Ion Ratio Lower Upper

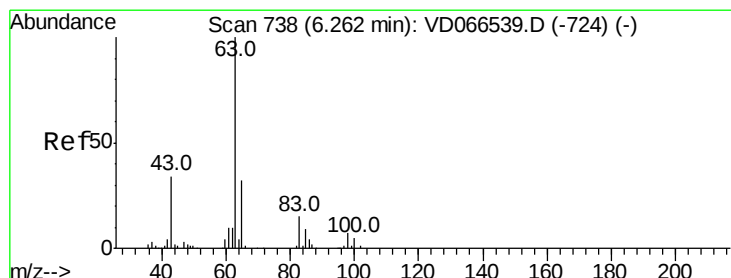
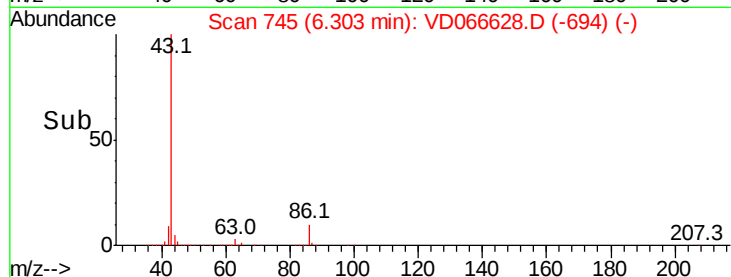
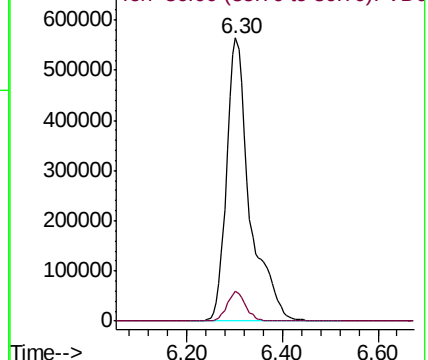
43 100

86 10.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 55.402 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

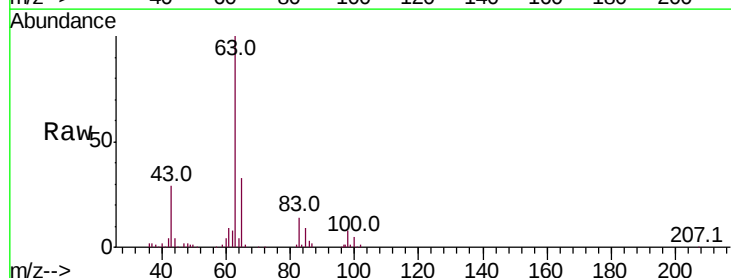
Tgt Ion: 63 Resp: 385392

Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.1

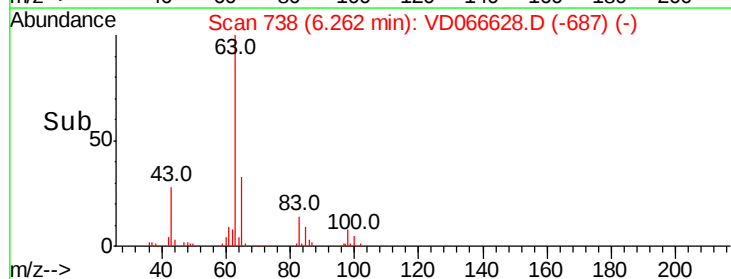
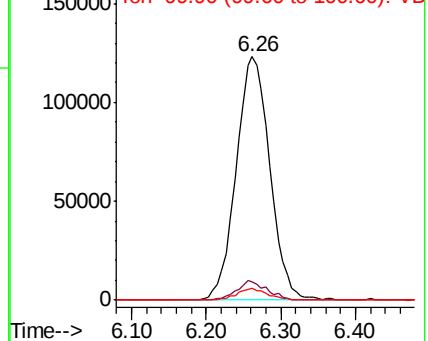
100 4.8 2.5 7.4

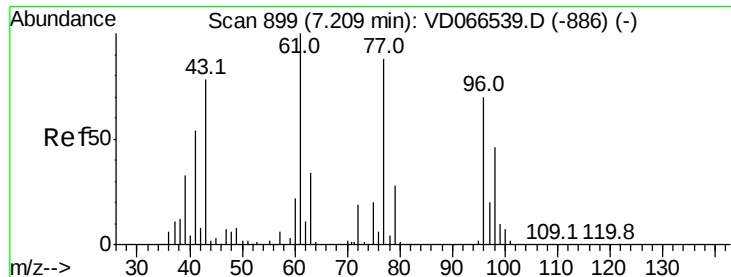


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 285.686 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

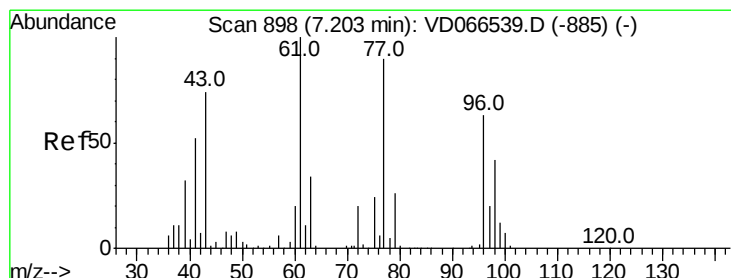
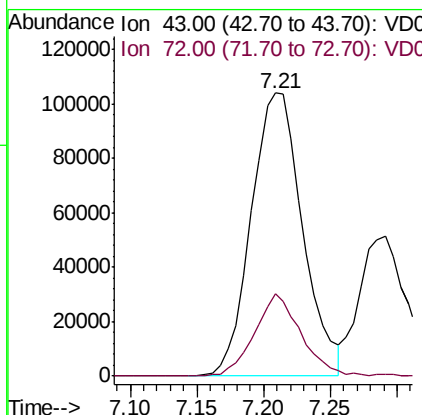
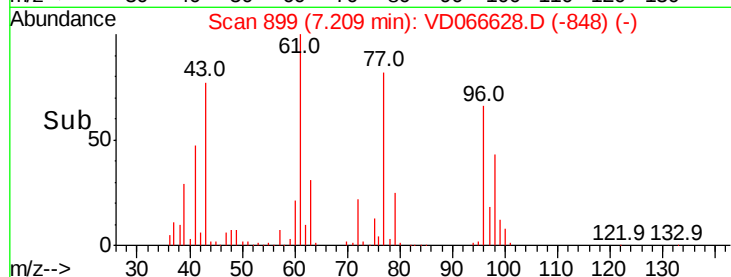
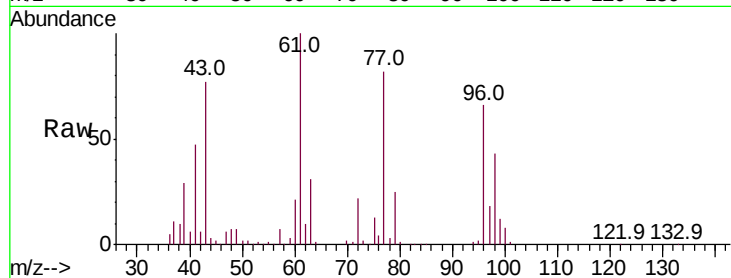
VSTDCCC050

Tot Ion: 43 Resp: 278131

Ion Ratio Lower Upper

43 100

72 28.9 19.8 29.6



#26

2,2-Dichloropropane

Concen: 48.343 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066628.D

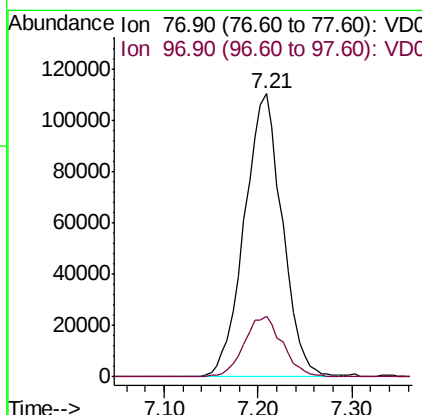
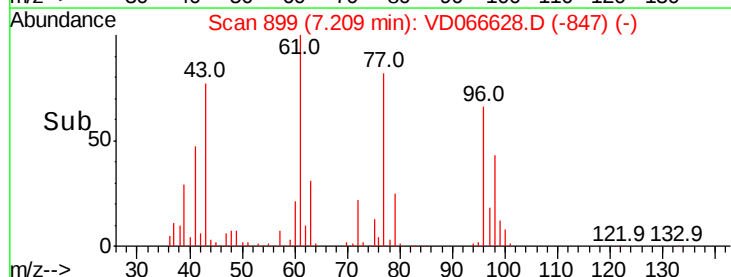
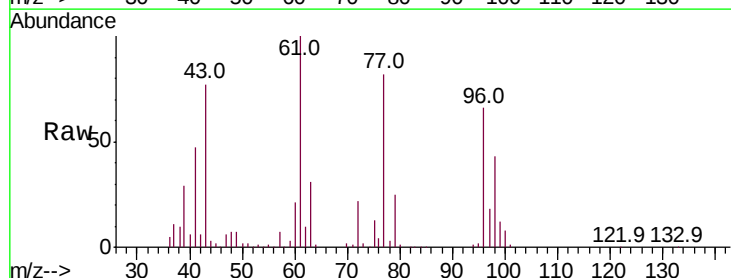
Acq: 10 Sep 2020 22:33

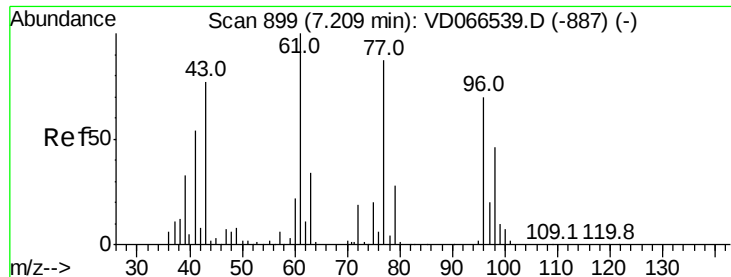
Tgt Ion: 77 Resp: 308470

Ion Ratio Lower Upper

77 100

97 21.8 10.8 32.3



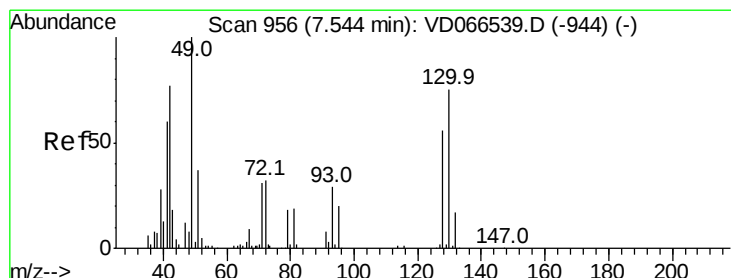
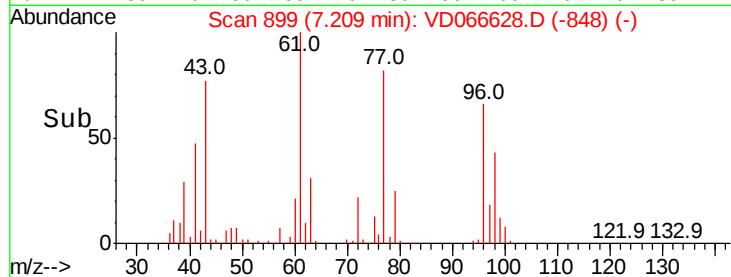
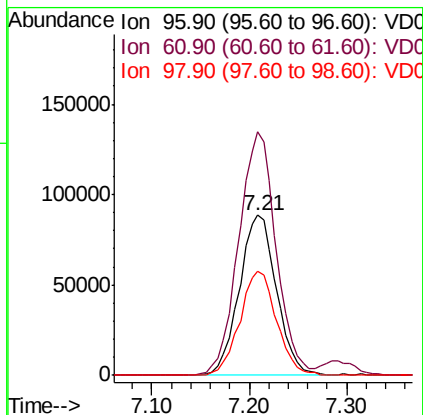
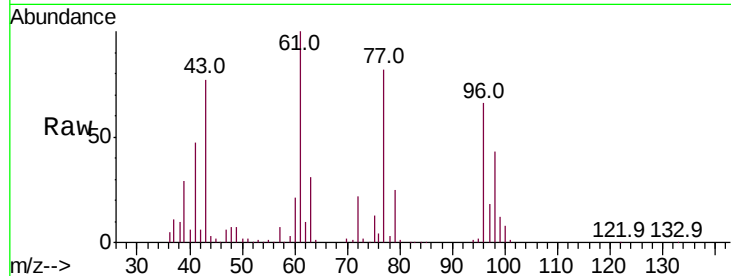


#27

cis-1,2-Dichloroethene
Concen: 56.347 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

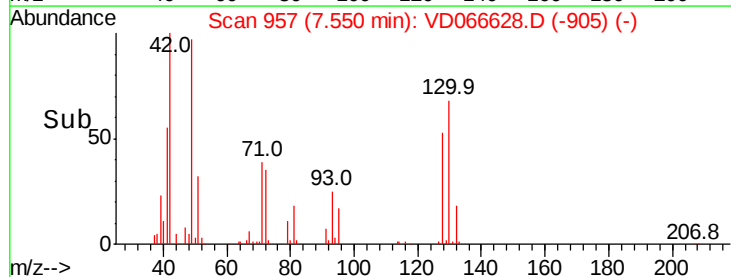
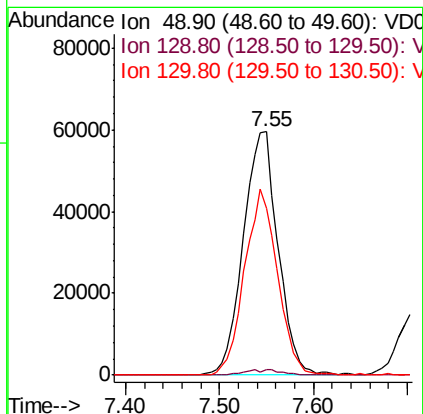
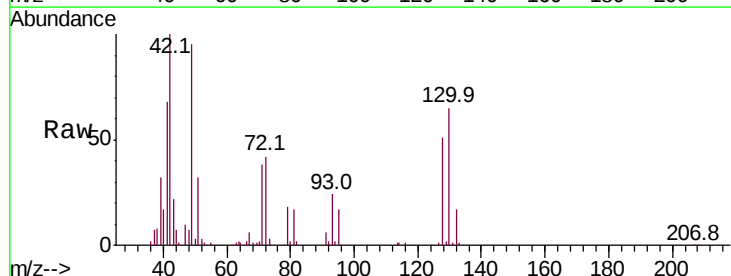
Tot Ion: 96 Resp: 236173
Ion Ratio Lower Upper
96 100
61 152.9 0.0 301.0
98 64.1 0.0 129.8

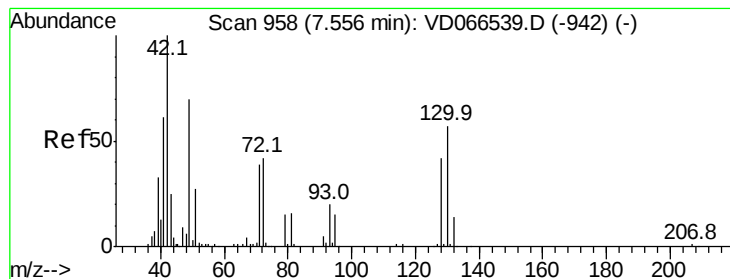


#28

Bromochloromethane
Concen: 56.946 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion: 49 Resp: 152508
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.6
130 72.5 58.2 87.2





#29

Tetrahydrofuran

Concen: 309.224 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

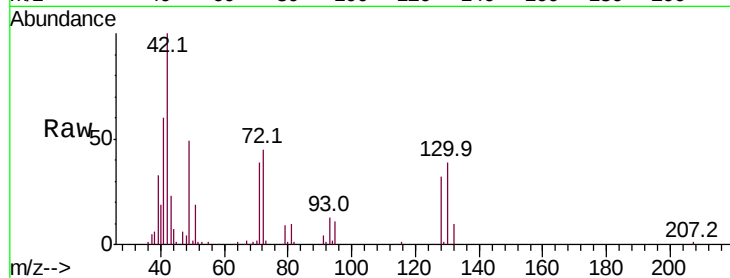
Tot Ion: 42 Resp: 187489

Ion Ratio Lower Upper

42 100

72 42.6 33.4 50.0

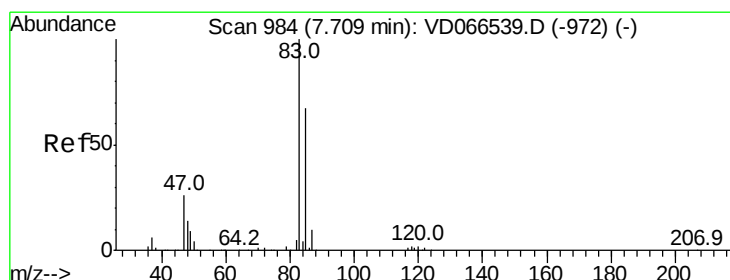
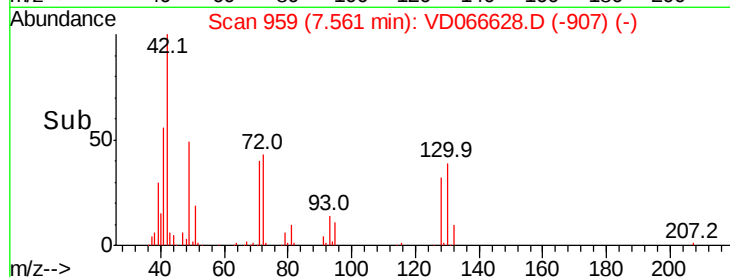
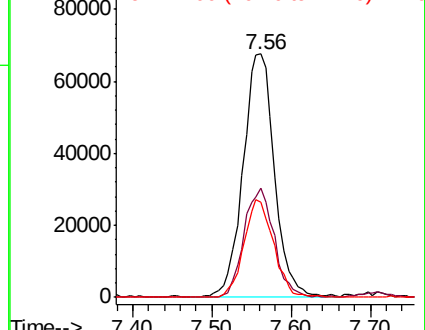
71 37.6 31.9 47.9



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: 56.290 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066628.D

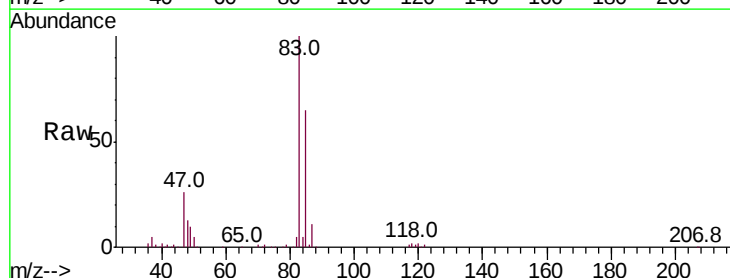
Acq: 10 Sep 2020 22:33

Tgt Ion: 83 Resp: 414252

Ion Ratio Lower Upper

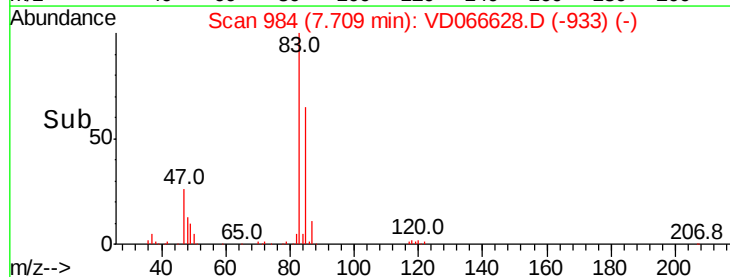
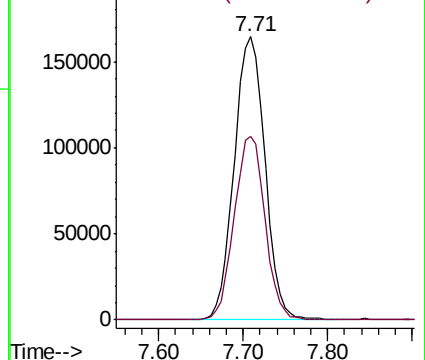
83 100

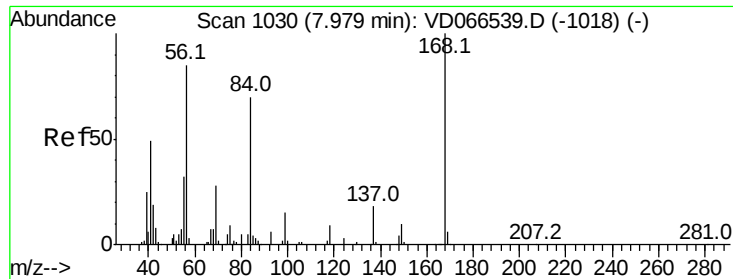
85 64.7 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

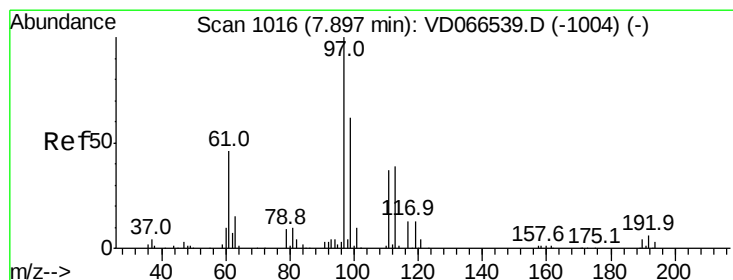
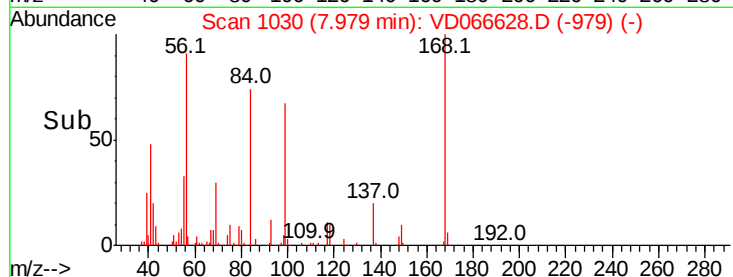
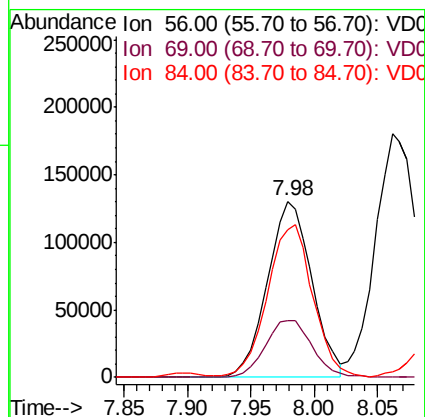
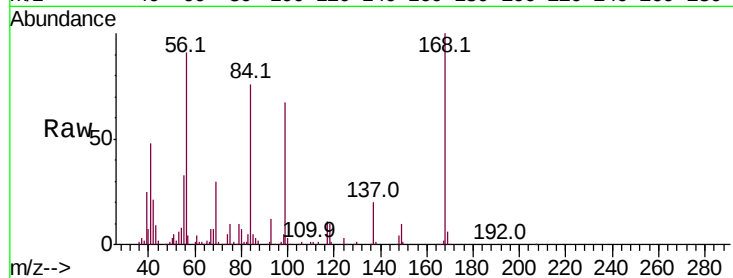




#31
Cyclohexane
Concen: 49.341 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

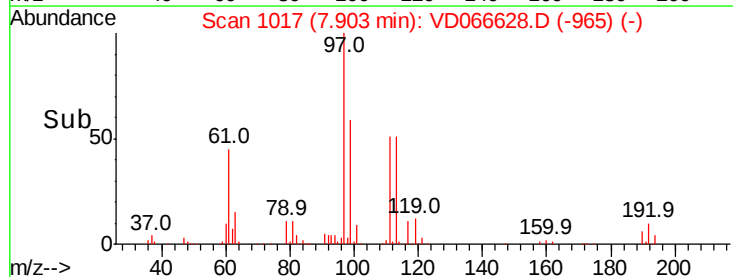
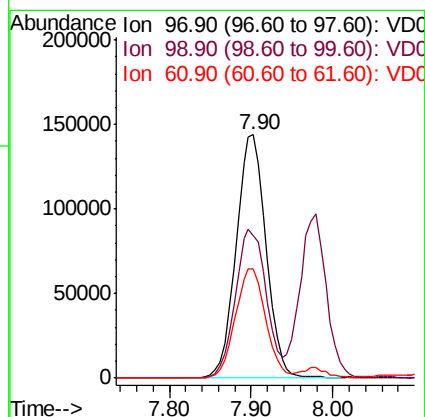
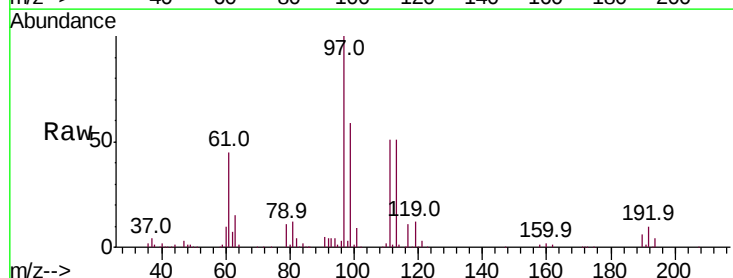
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

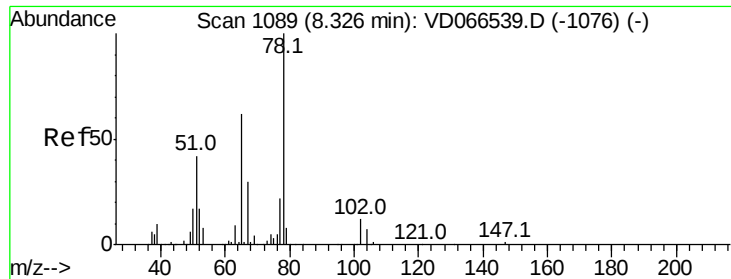
Tot Ion: 56 Resp: 317277
Ion Ratio Lower Upper
56 100
69 32.5 26.3 39.5
84 81.1 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 53.051 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion: 97 Resp: 367067
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.0
61 45.7 37.4 56.0

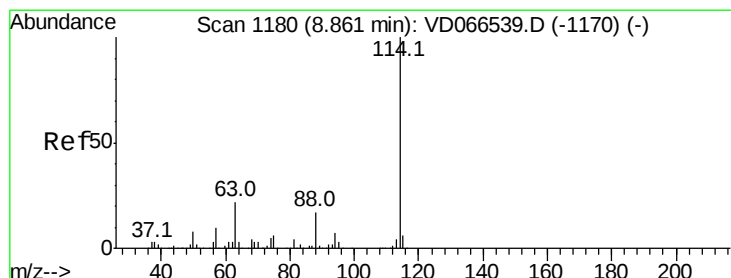
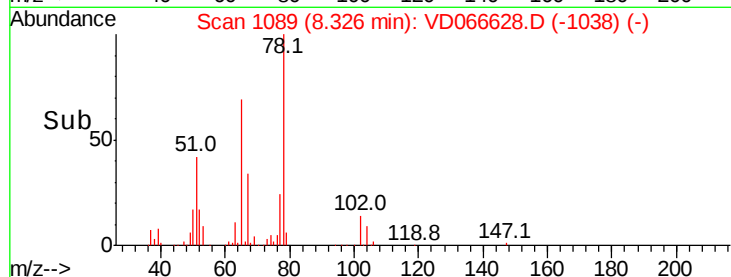
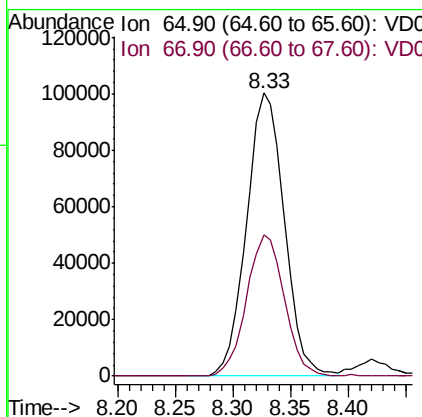
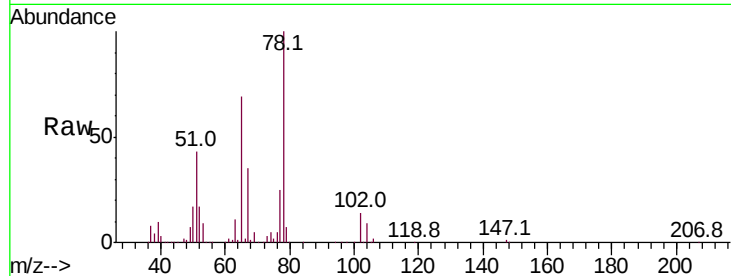




#33
 1,2-Dichloroethane-d4
 Concen: 58.075 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

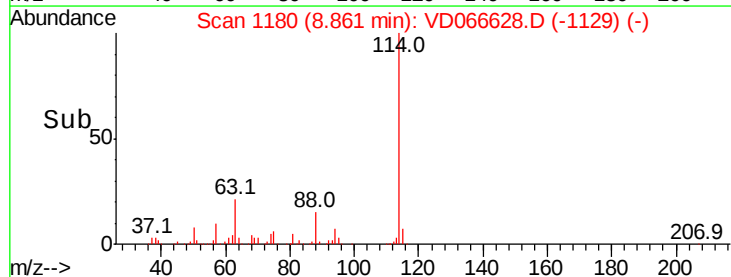
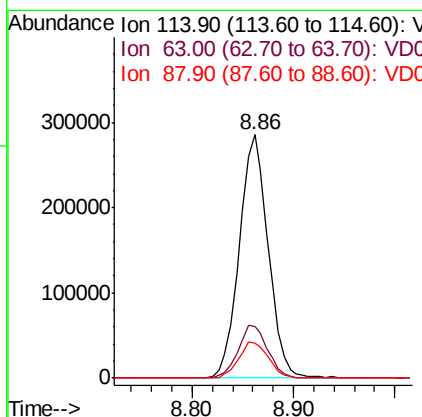
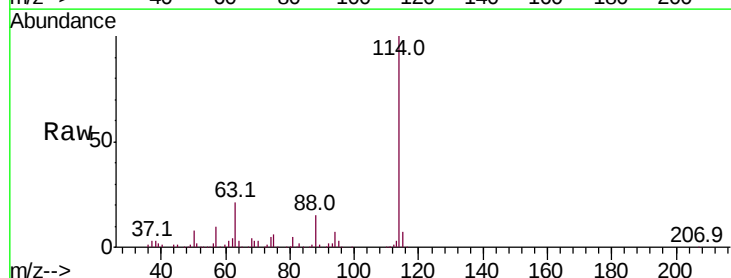
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

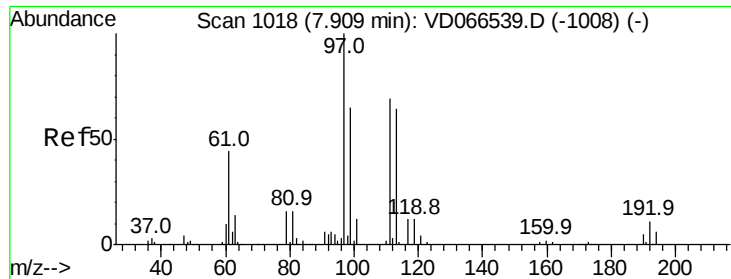
Tot Ion: 65 Resp: 228909
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion: 114 Resp: 561569
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 14.6 0.0 33.2

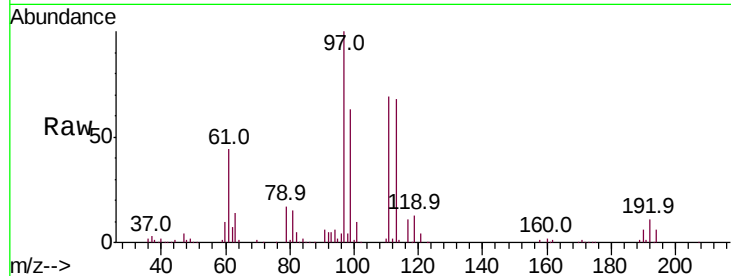




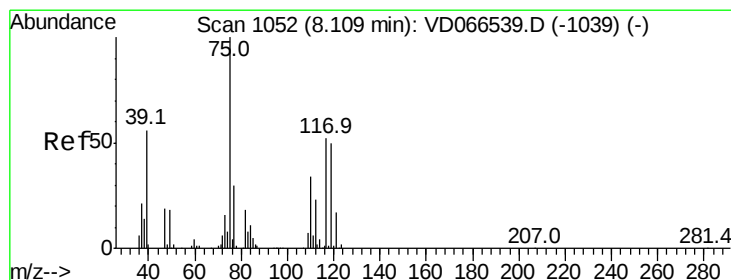
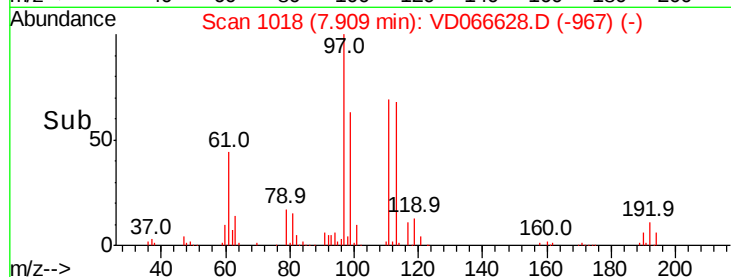
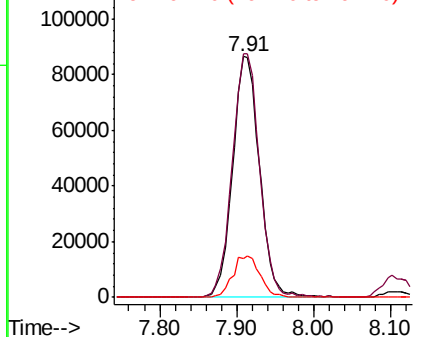
#35
 Dibromofluoromethane
 Concen: 55.822 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.2	124.8
192	17.5	13.7	20.5

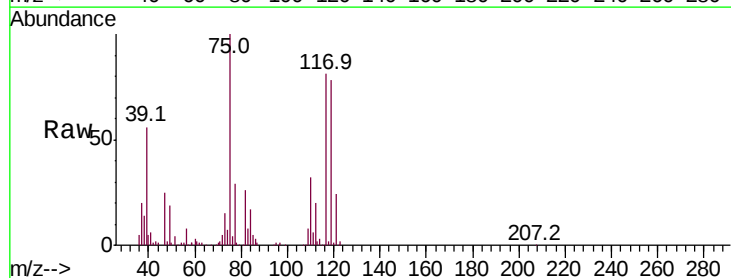


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

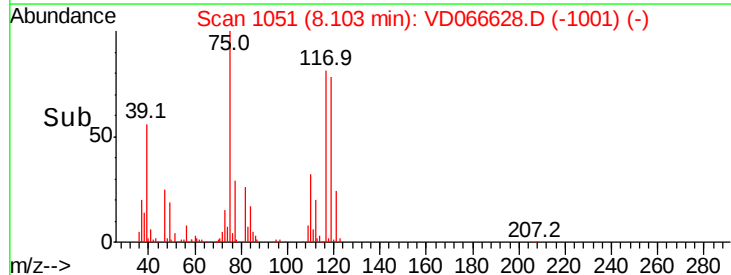
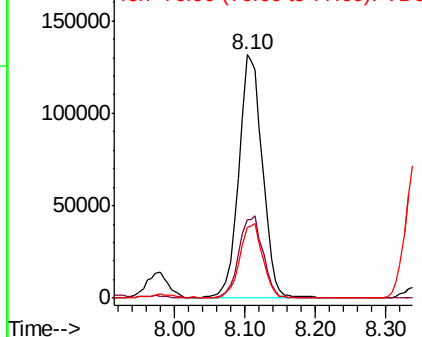


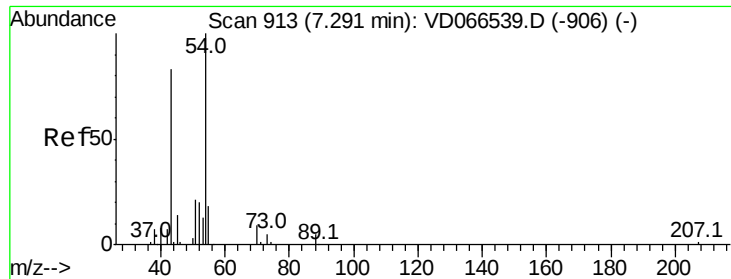
#36
 1,1-Dichloropropene
 Concen: 52.439 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.3	52.0
77	29.9	25.1	37.7



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

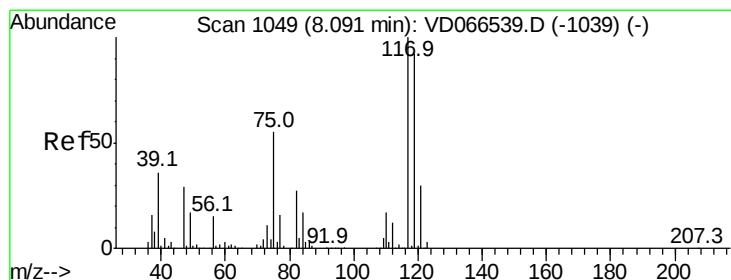
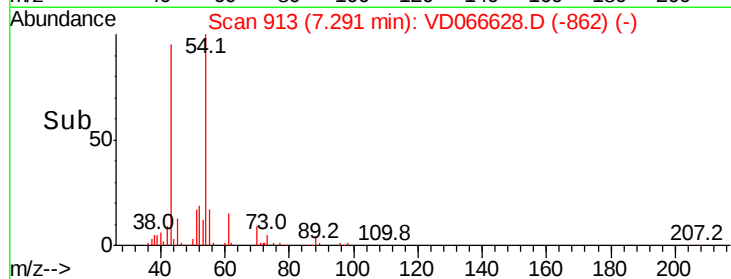
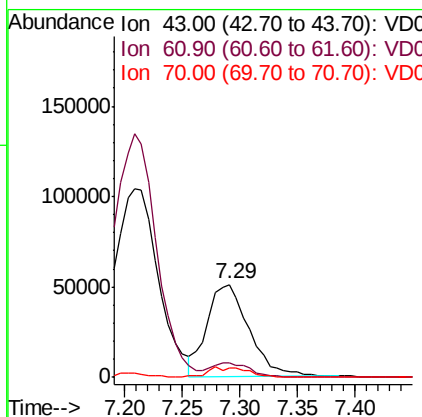
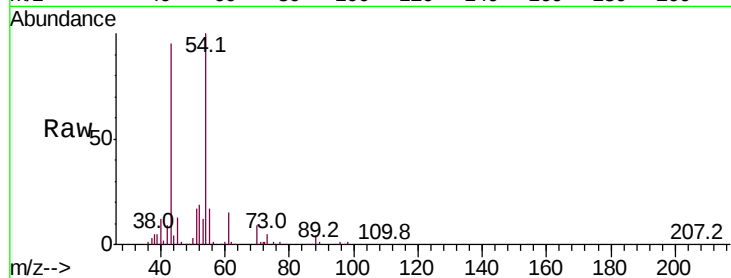




#37
Ethyl Acetate
Concen: 55.508 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

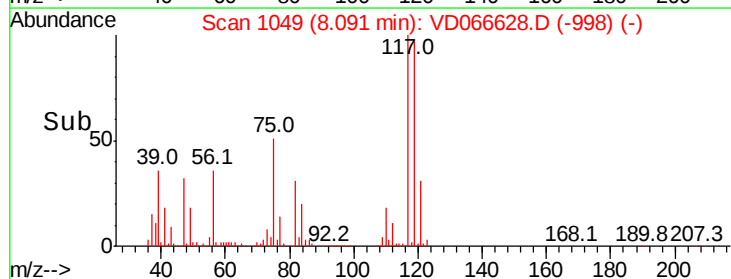
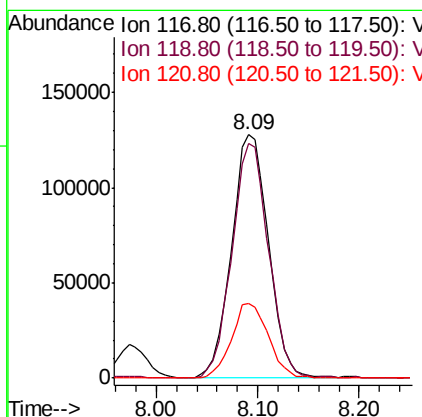
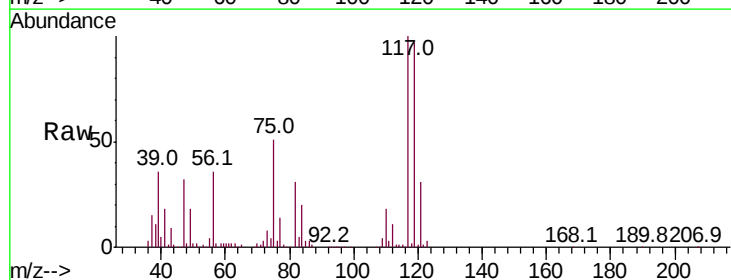
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

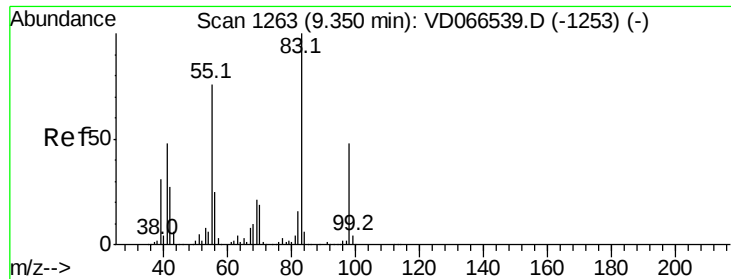
Tot Ion: 43 Resp: 129176
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.8
70 10.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 51.928 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion: 117 Resp: 320776
Ion Ratio Lower Upper
117 100
119 96.6 73.9 110.9
121 30.7 24.1 36.1

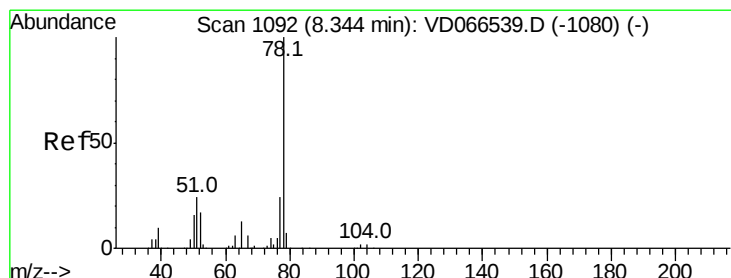
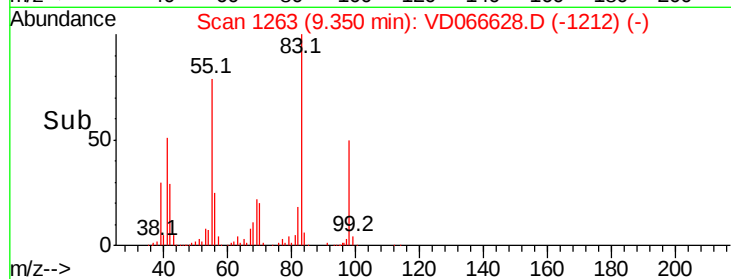
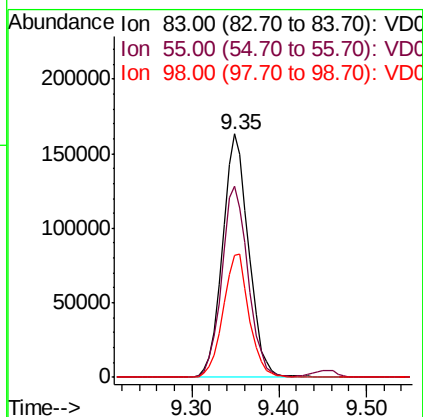
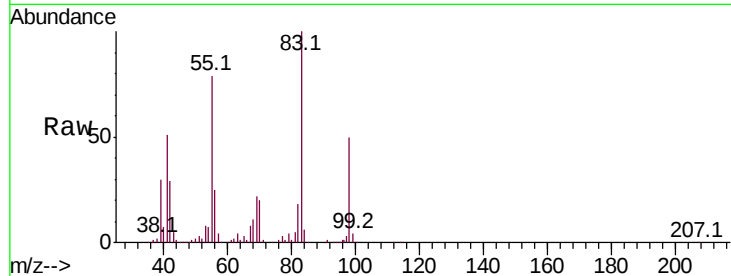




#39
Methvlcvclohexane
Concen: 51.217 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

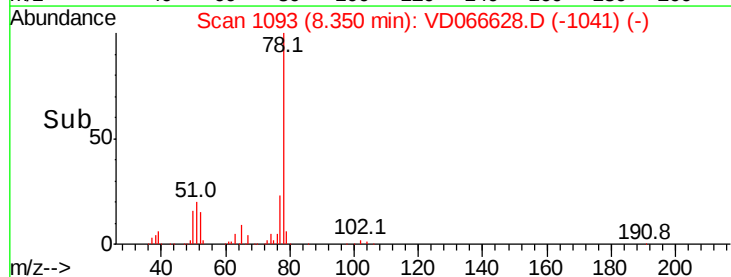
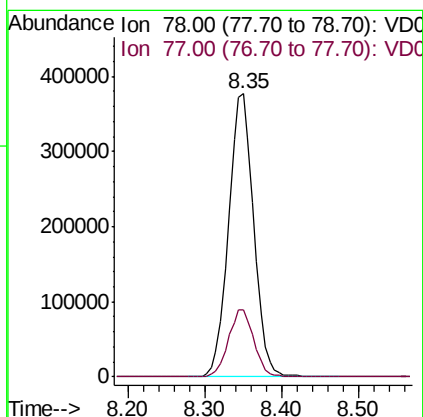
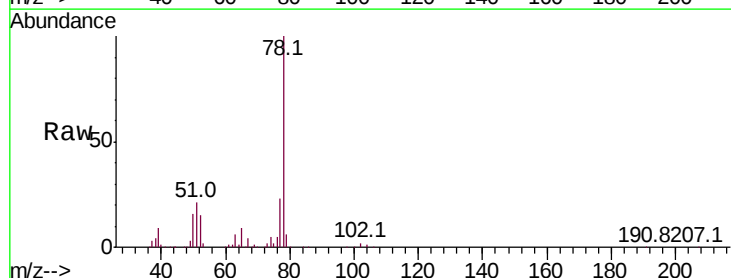
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

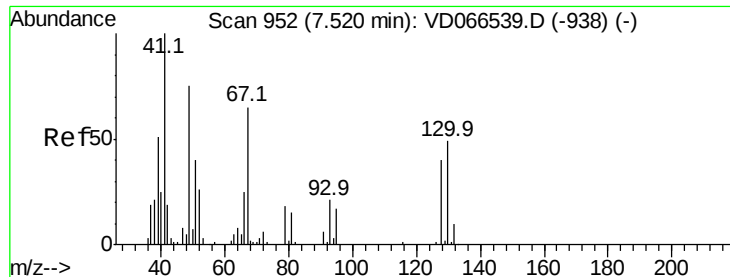
Tot Ion	83	Resp	334238
Ion Ratio	Lower	Upper	
83	100		
55	78.6	60.8	91.2
98	50.0	38.6	58.0



#40
Benzene
Concen: 53.673 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	78	Resp	859092
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.1	28.7

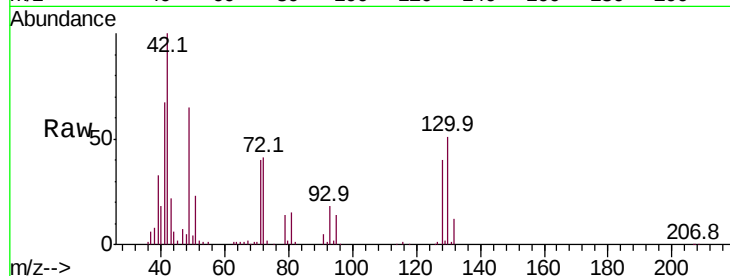




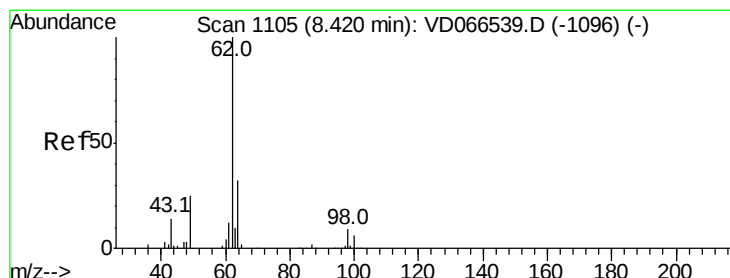
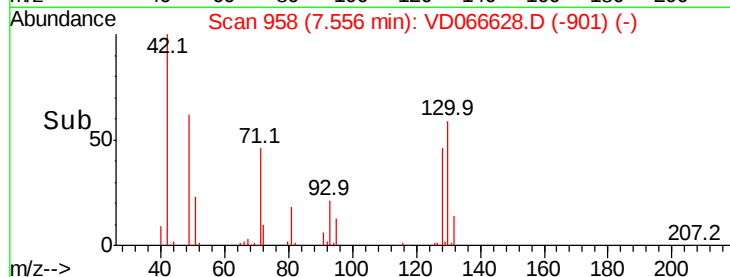
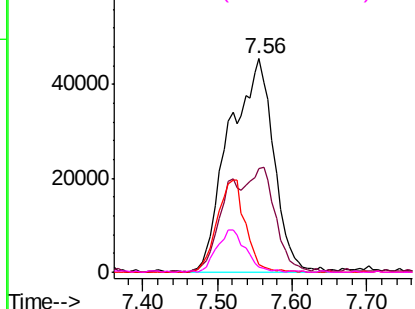
#41
Methacrylonitrile
Concen: 168.008 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.04 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 189258
Ion Ratio Lower Upper
41 100
39 0.0 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#

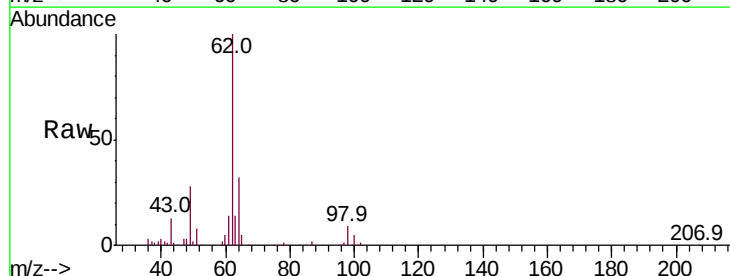


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

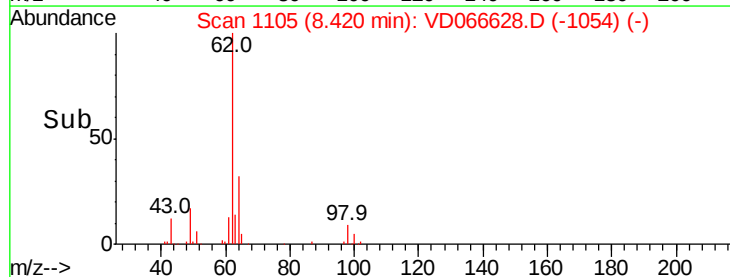
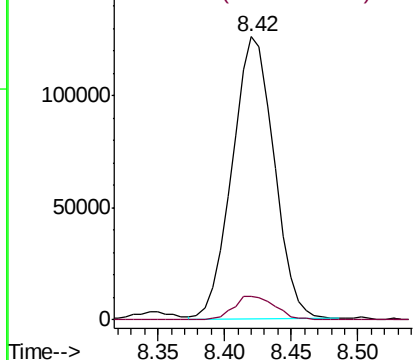


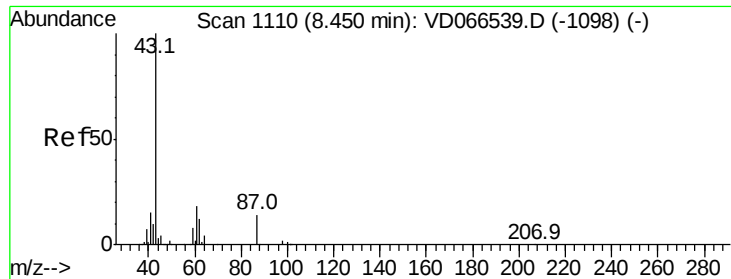
#42
1,2-Dichloroethane
Concen: 52.779 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion: 62 Resp: 273714
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 56.462 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

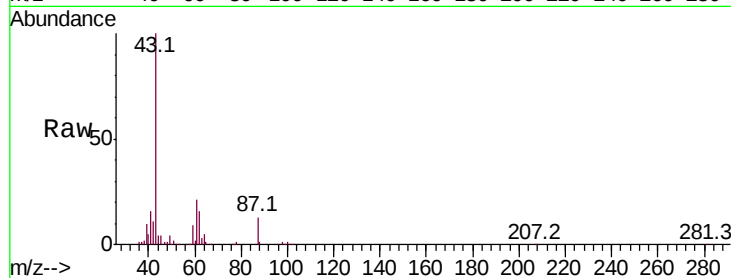
Tot Ion: 43 Resp: 251805

Ion Ratio Lower Upper

43 100

61 30.2 23.8 35.8

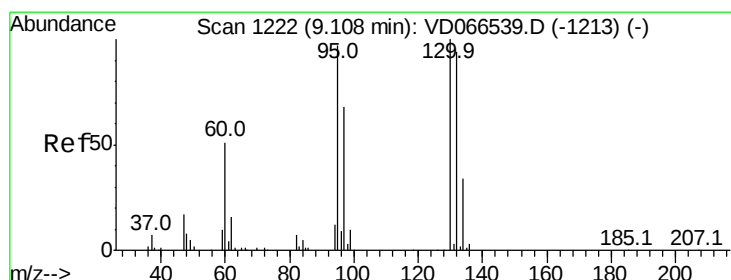
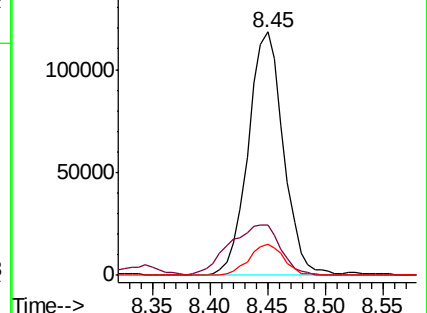
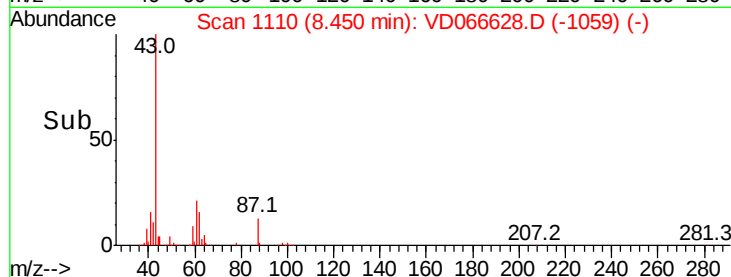
87 12.6 10.7 16.1



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: 52.778 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066628.D

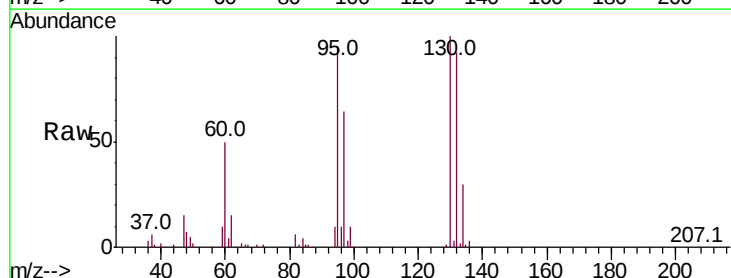
Acq: 10 Sep 2020 22:33

Tgt Ion:130 Resp: 221589

Ion Ratio Lower Upper

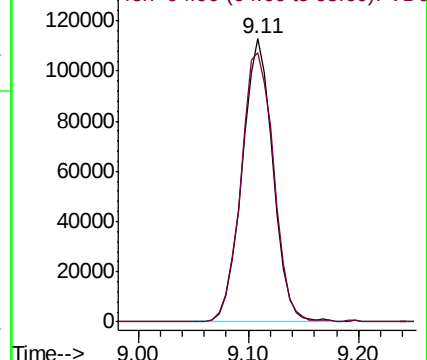
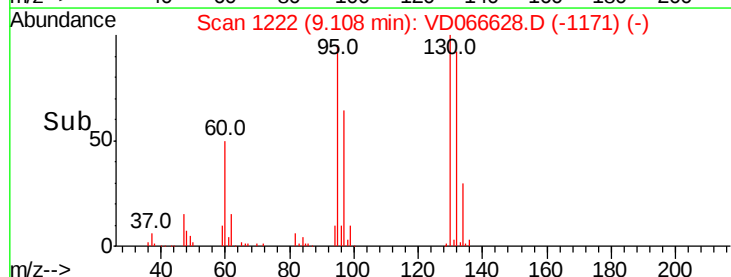
130 100

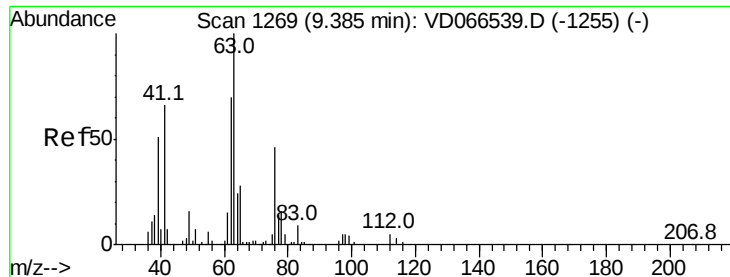
95 95.0 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 54.203 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

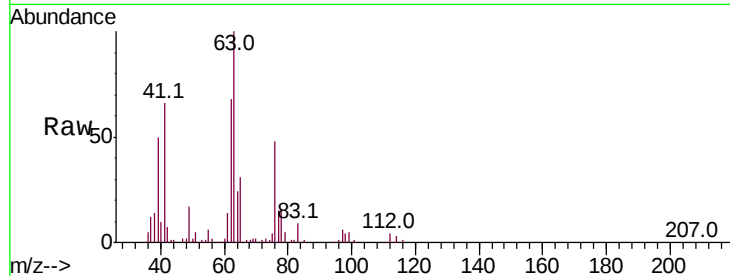
VSTDCCC050

Tot Ion: 63 Resp: 218178

Ion Ratio Lower Upper

63 100

65 30.5 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

120000

100000

80000

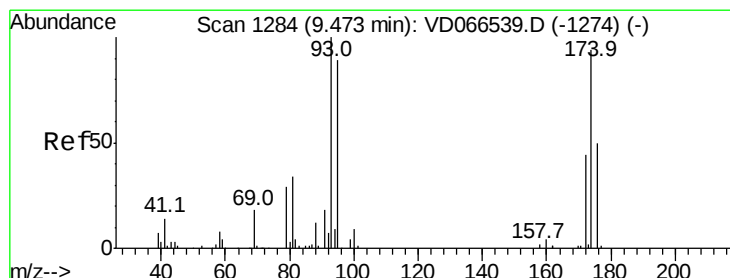
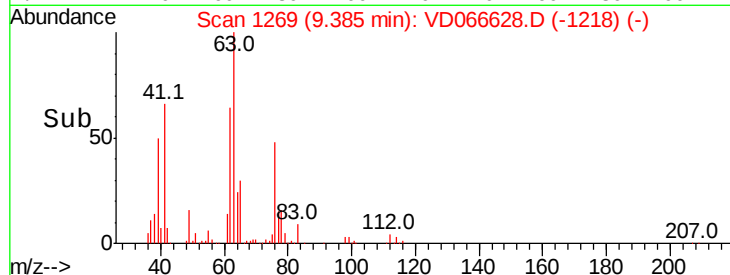
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 54.656 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

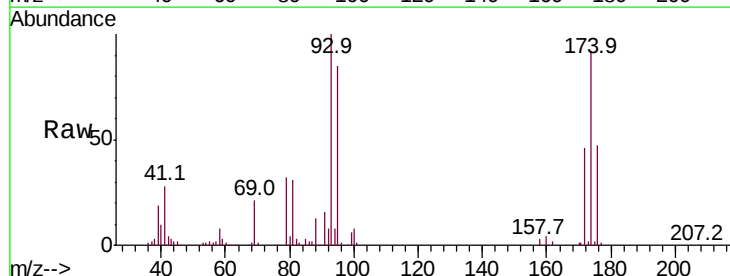
Tgt Ion: 93 Resp: 121378

Ion Ratio Lower Upper

93 100

95 82.2 68.7 103.1

174 89.9 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

80000

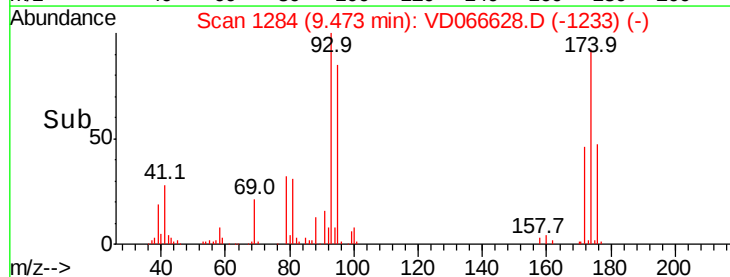
60000

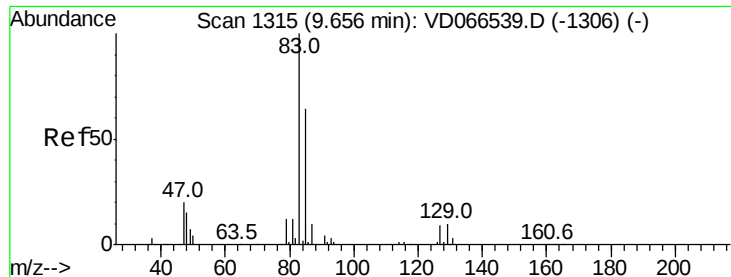
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 54.430 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

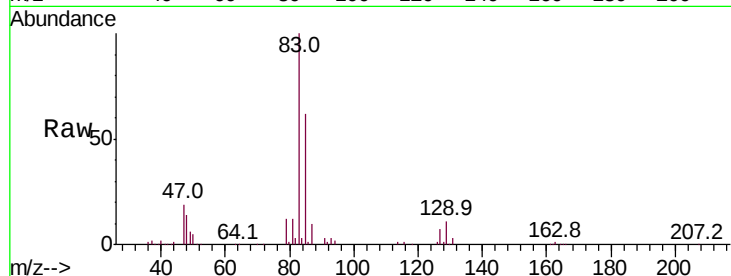
Tot Ion: 83 Resp: 327034

Ion Ratio Lower Upper

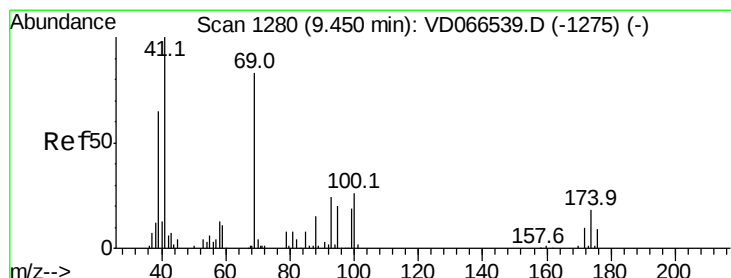
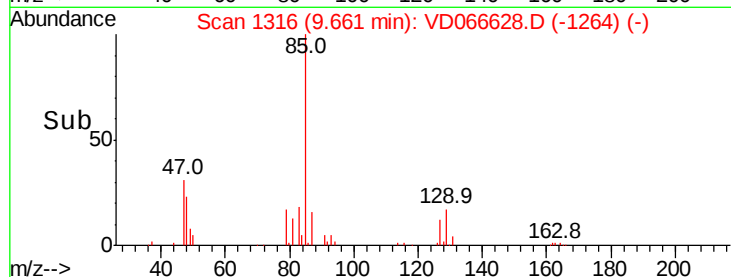
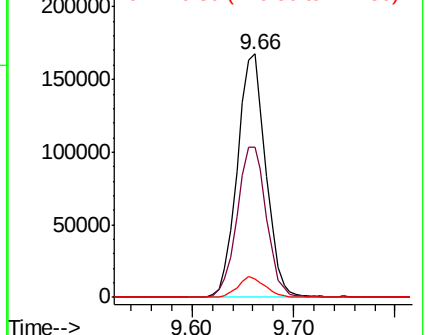
83 100

85 61.6 51.1 76.7

127 7.3 6.9 10.3



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



#48

Methyl methacrylate

Concen: 55.610 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

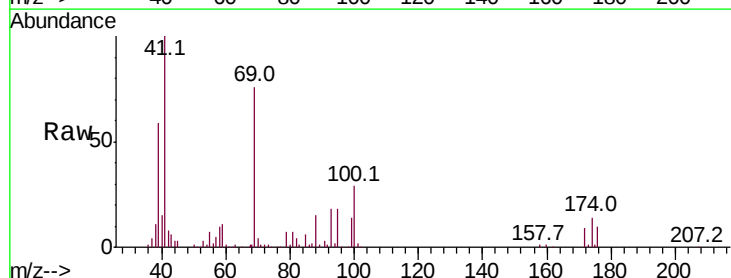
Tgt Ion: 41 Resp: 125405

Ion Ratio Lower Upper

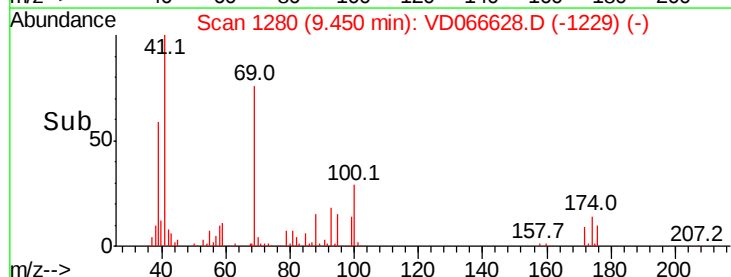
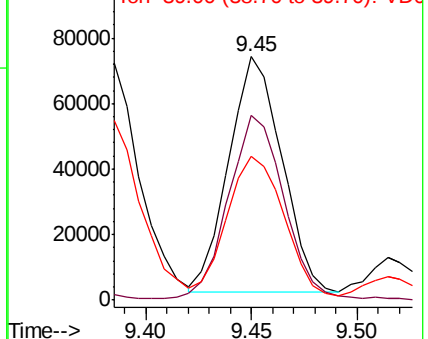
41 100

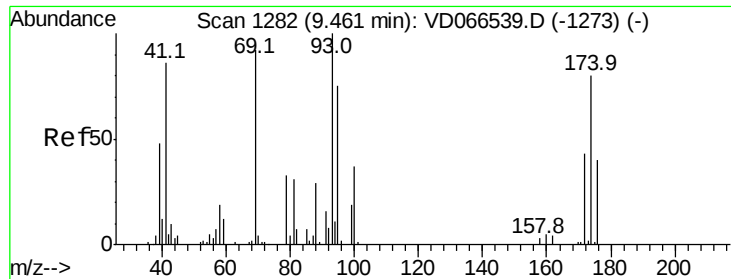
69 83.3 64.5 96.7

39 63.0 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

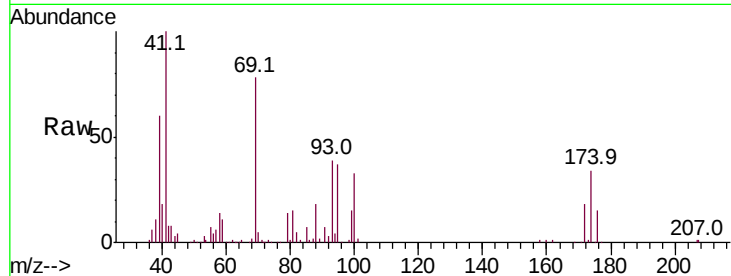




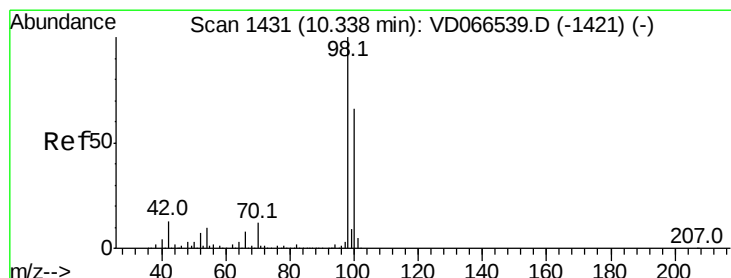
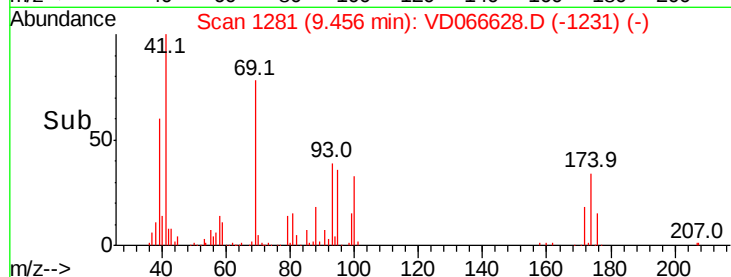
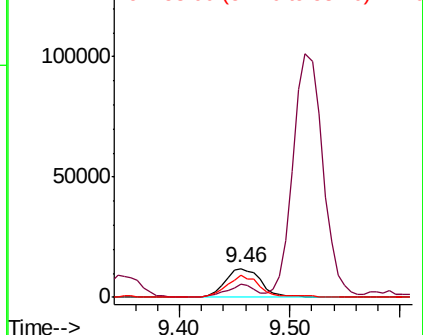
#49
1,4-Dioxane
Concen: 1132.597 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 27594
Ion Ratio Lower Upper
88 100
43 32.7 28.3 42.5
58 68.2 56.1 84.1

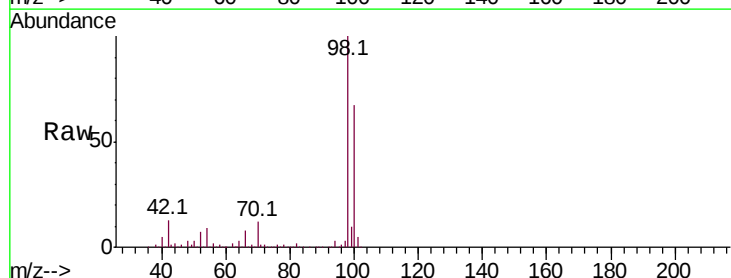


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

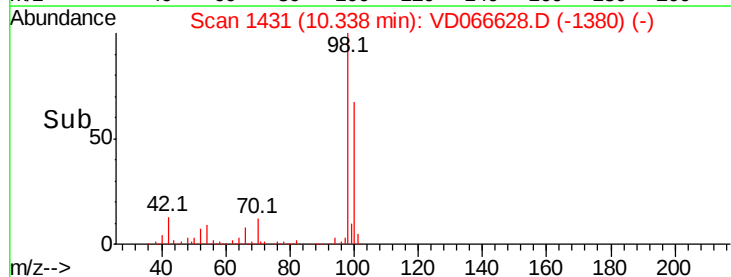
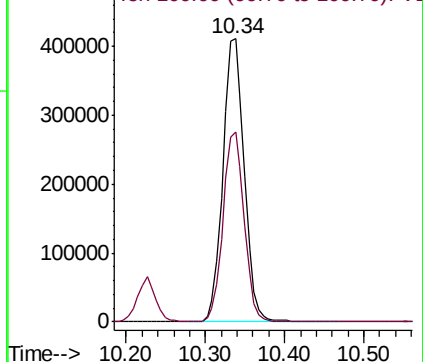


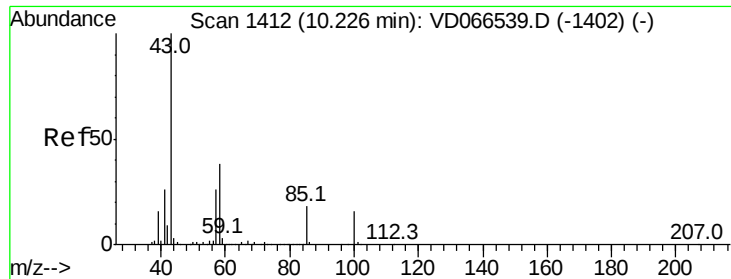
#50
Toluene-d8
Concen: 56.475 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion: 98 Resp: 764685
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



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

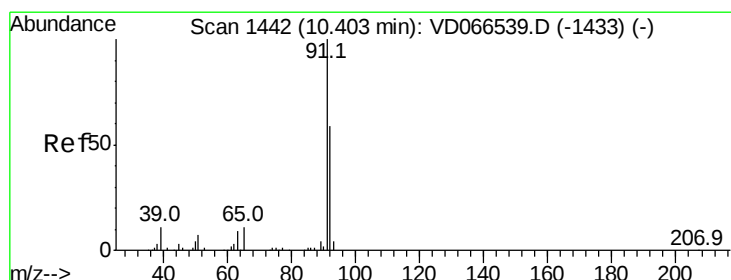
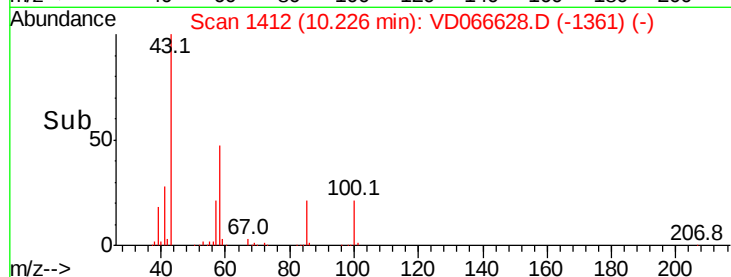
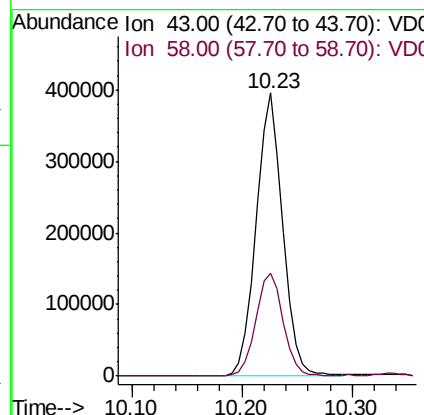
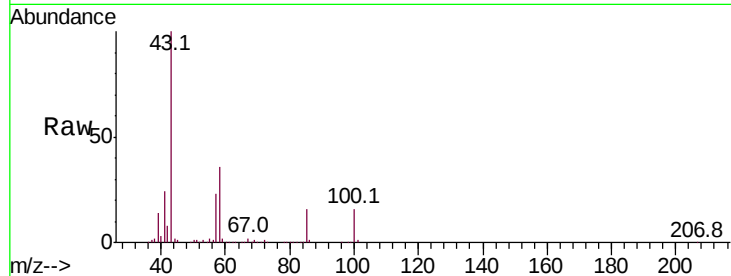




#51
4-Methyl-2-Pentanone
Concen: 298.029 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

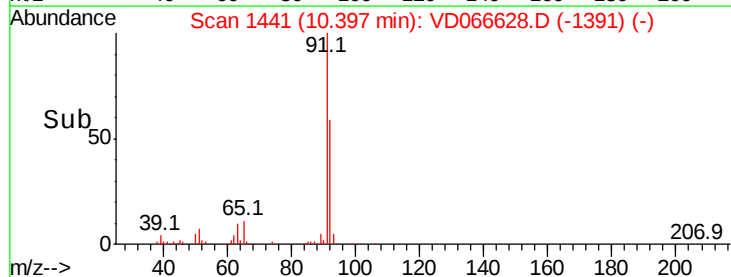
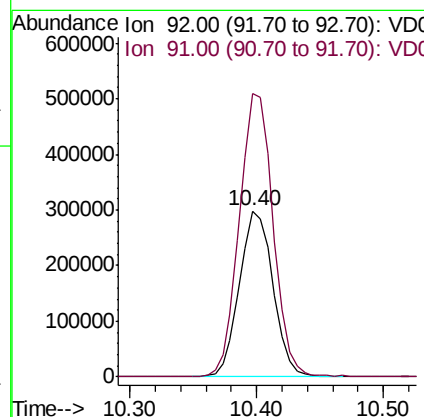
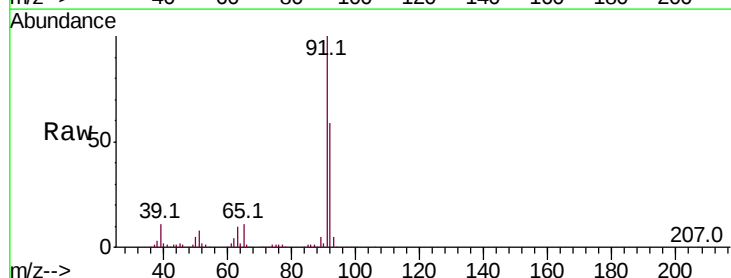
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

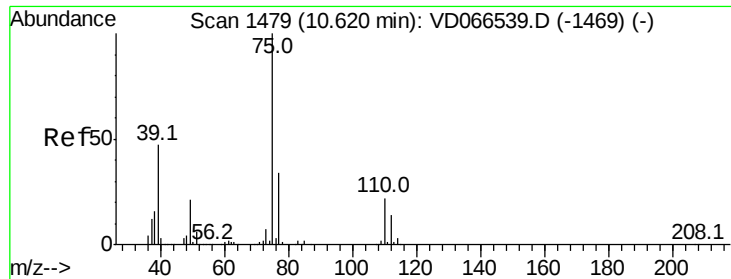
Tot Ion: 43 Resp: 670317
Ion Ratio Lower Upper
43 100
58 37.6 30.5 45.7



#52
Toluene
Concen: 54.245 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion: 92 Resp: 549612
Ion Ratio Lower Upper
92 100
91 171.8 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 55.764 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

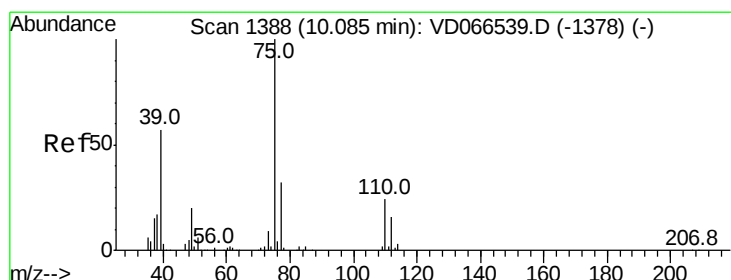
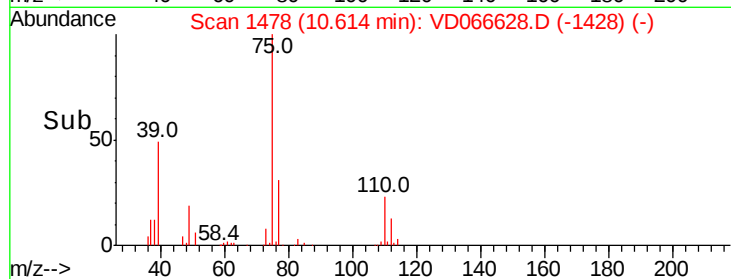
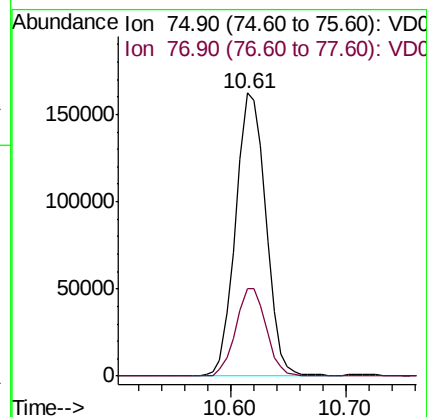
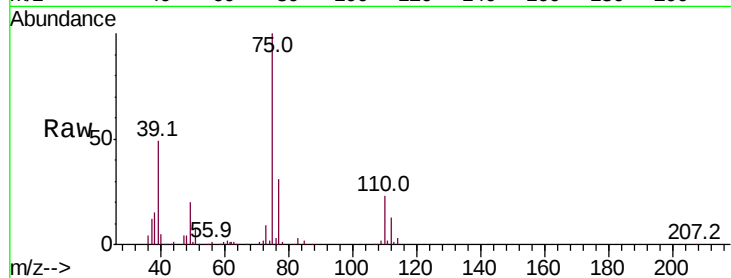
VSTDCCC050

Tot Ion: 75 Resp: 295771

Ion Ratio Lower Upper

75 100

77 31.0 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 54.328 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

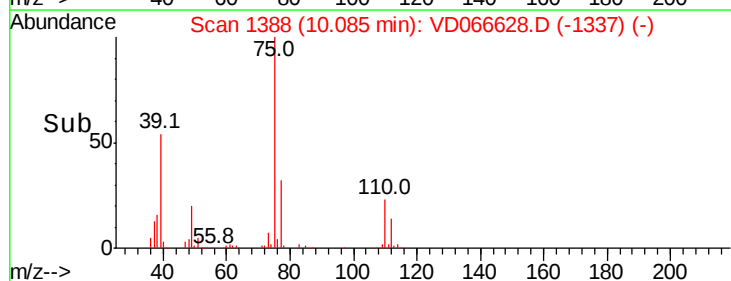
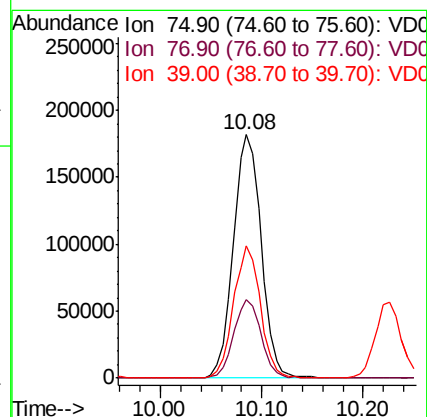
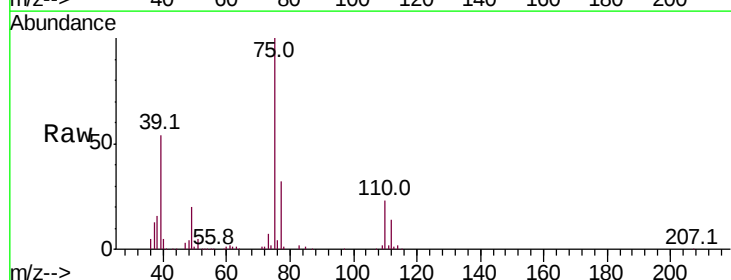
Tgt Ion: 75 Resp: 346042

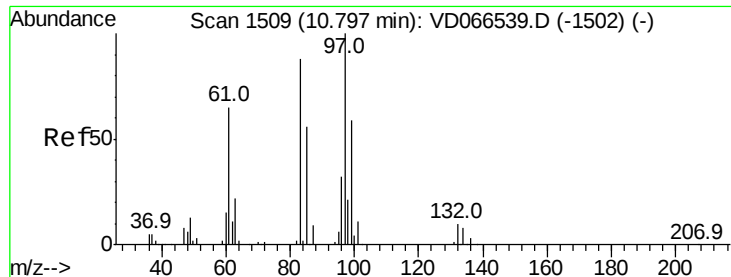
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 54.2 45.4 68.0



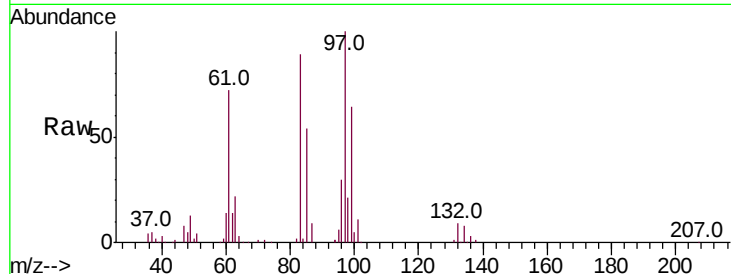


#55
 1,1,2-Trichloroethane
 Concen: 56.168 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

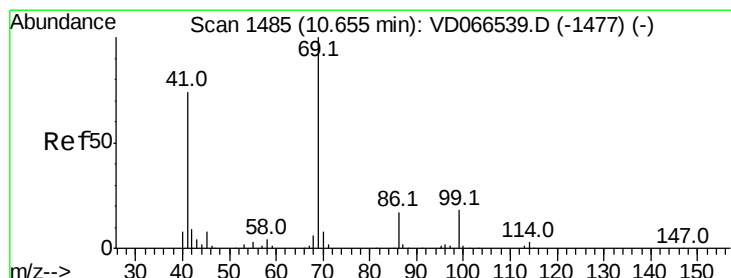
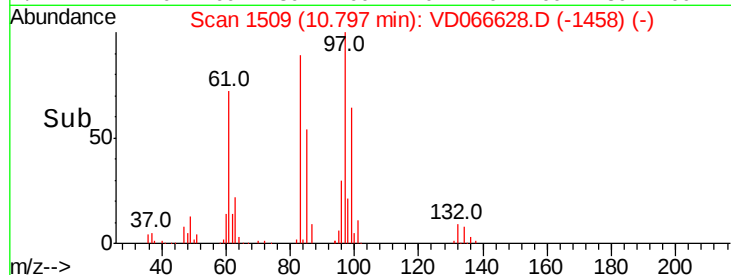
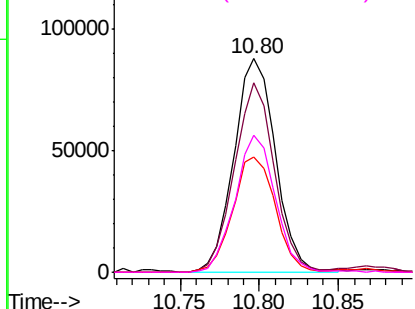
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 160380

Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.1	105.1
85	53.9	44.5	66.7
99	64.1	47.1	70.7



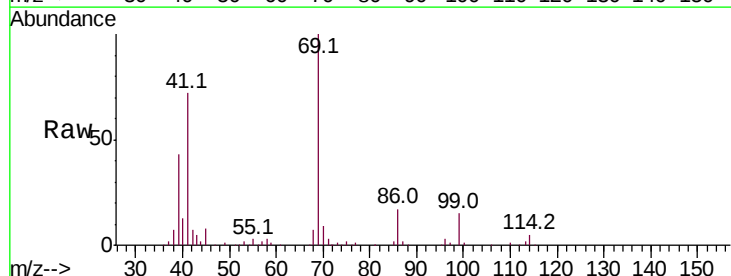
Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC



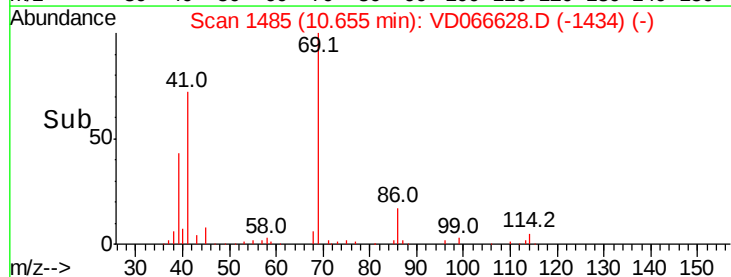
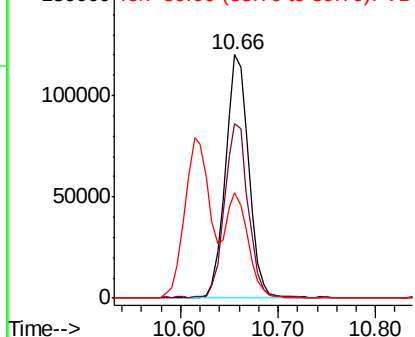
#56
 Ethyl methacrylate
 Concen: 59.783 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

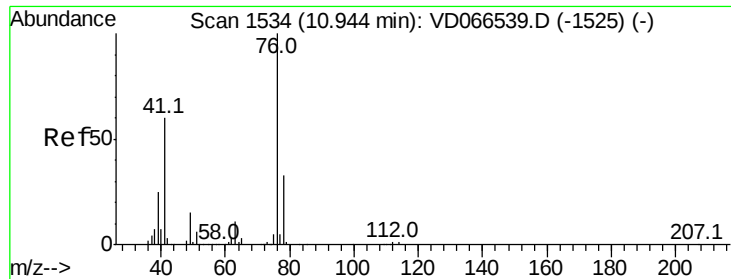
Tgt Ion: 69 Resp: 198753

Ion	Ratio	Lower	Upper
69	100		
41	71.8	56.8	85.2
39	42.0	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: 55.858 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

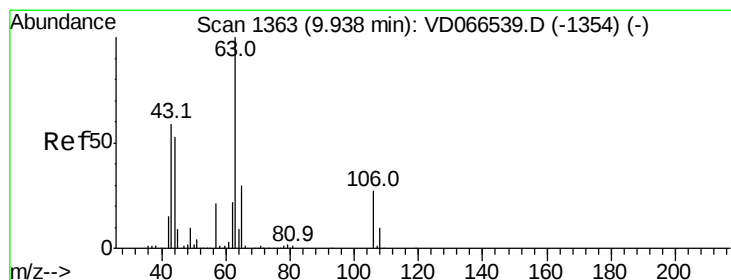
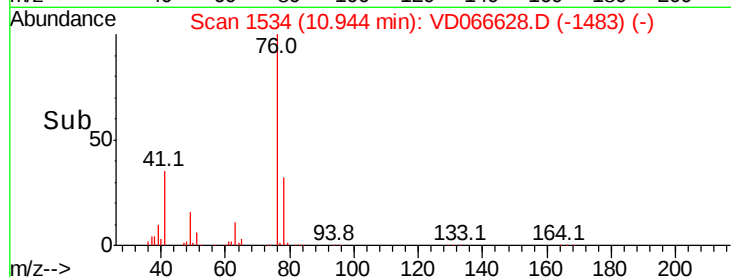
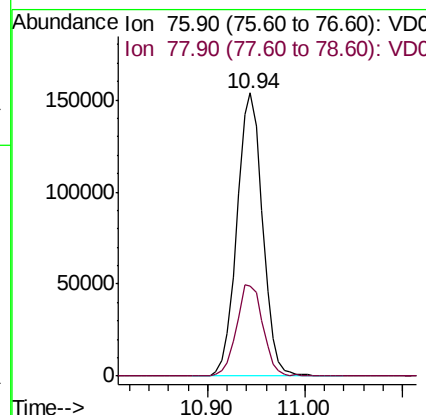
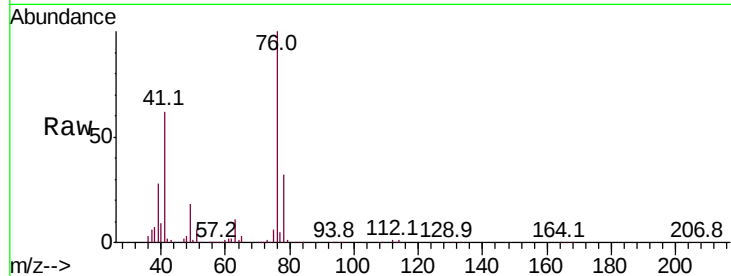
Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 279366

Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 262.293 ug/l

RT: 9.94 min Scan# 1363

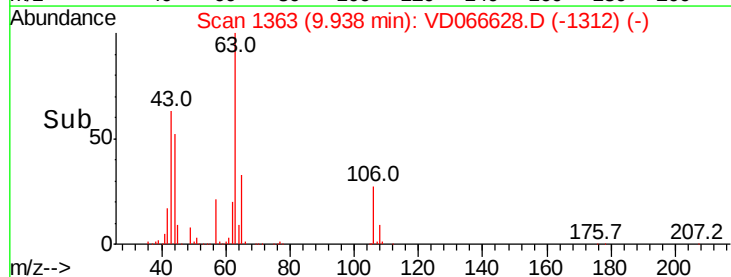
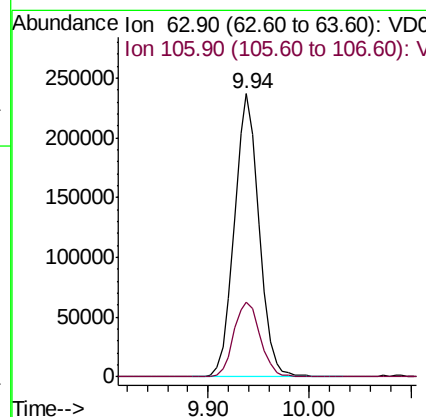
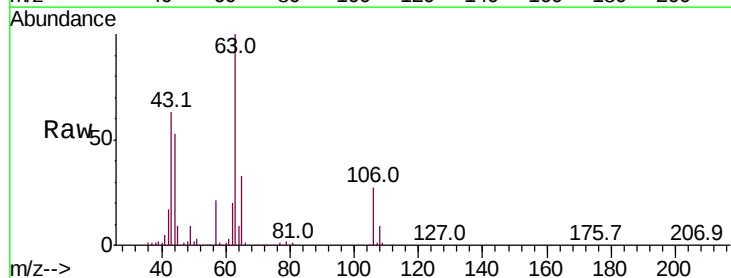
Delta R.T. 0.00 min

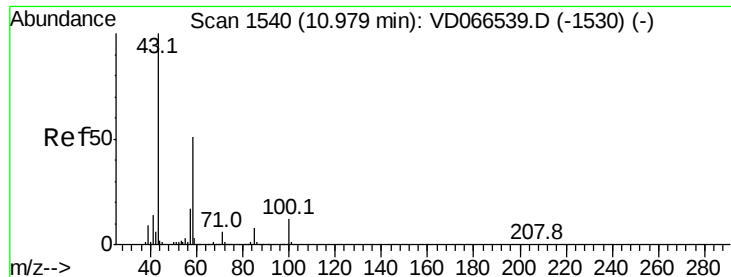
Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Tgt Ion: 63 Resp: 398856

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.0	33.0

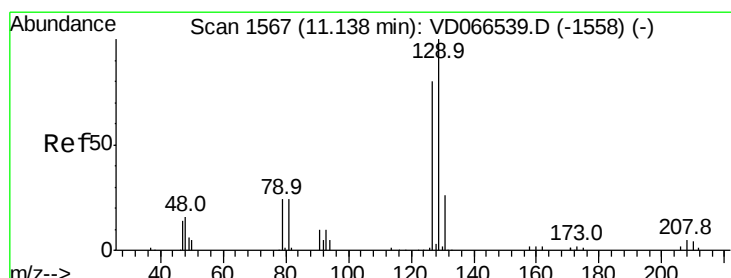
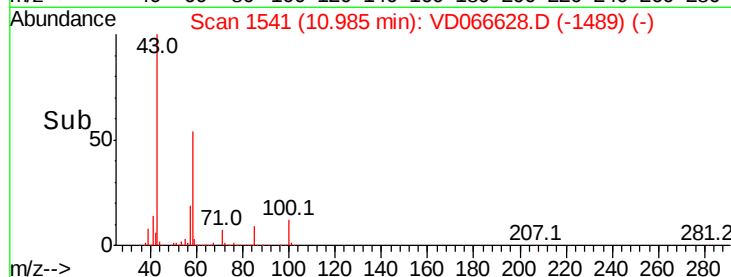
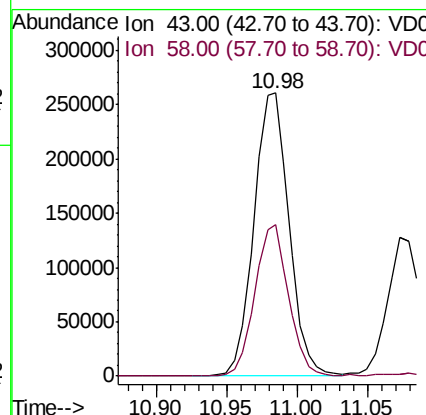
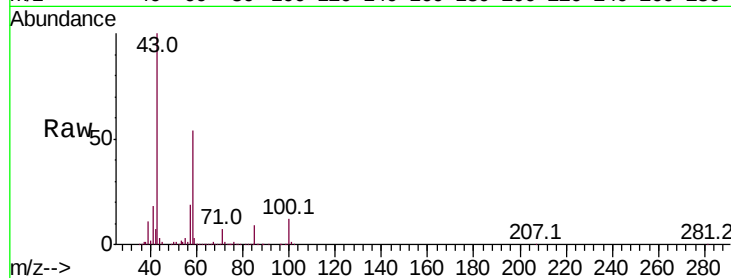




#59
2-Hexanone
Concen: 301.375 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

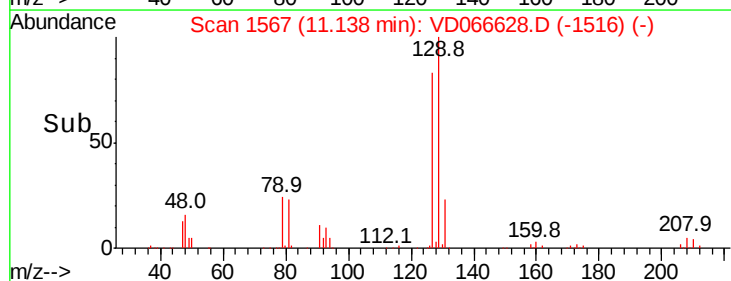
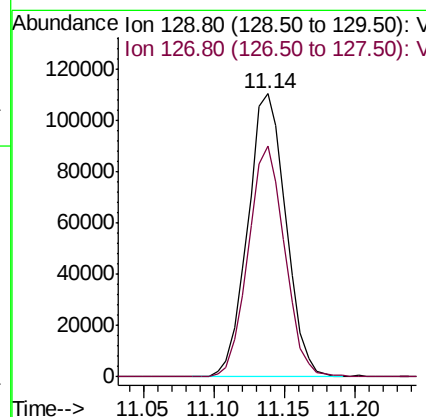
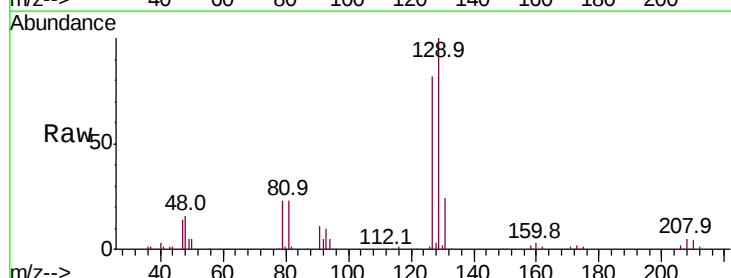
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

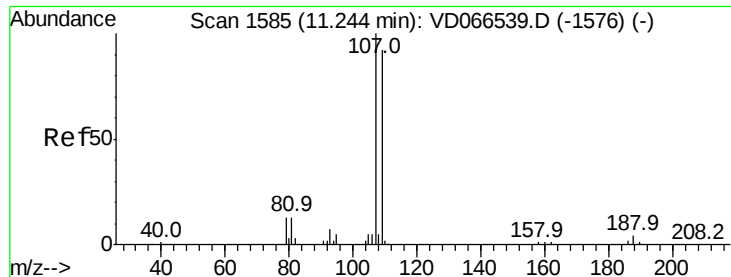
Tot Ion: 43 Resp: 455836
Ion Ratio Lower Upper
43 100
58 51.5 25.6 76.8



#60
Dibromochloromethane
Concen: 55.294 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion: 129 Resp: 208777
Ion Ratio Lower Upper
129 100
127 78.5 39.5 118.3

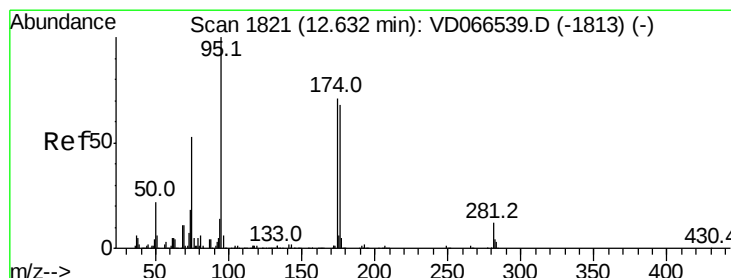
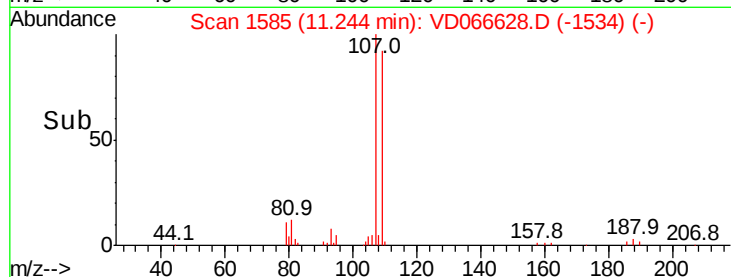
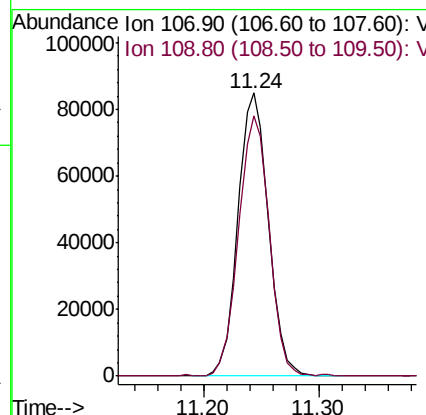
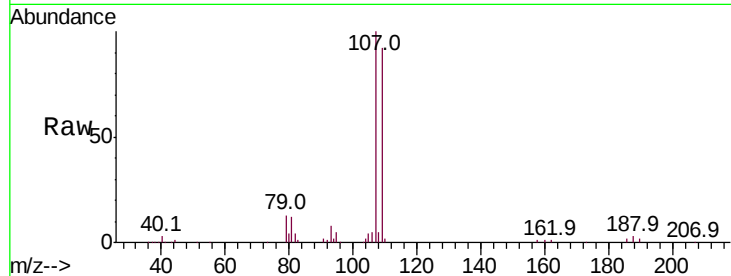




#61
 1,2-Dibromoethane
 Concen: 55.650 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

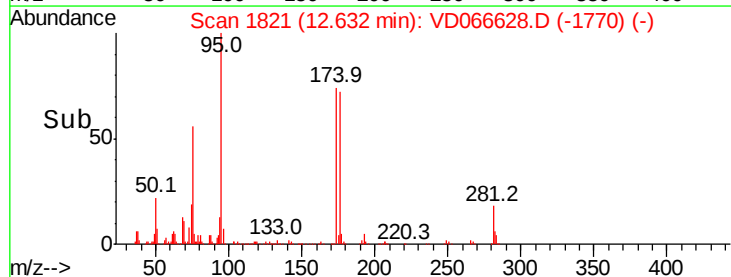
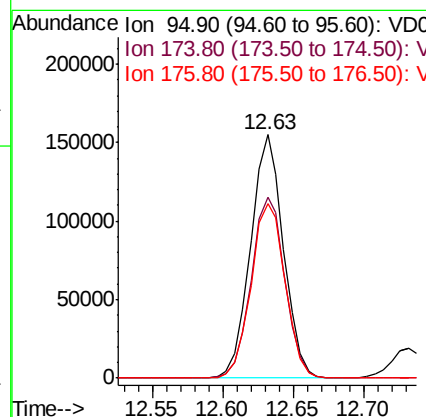
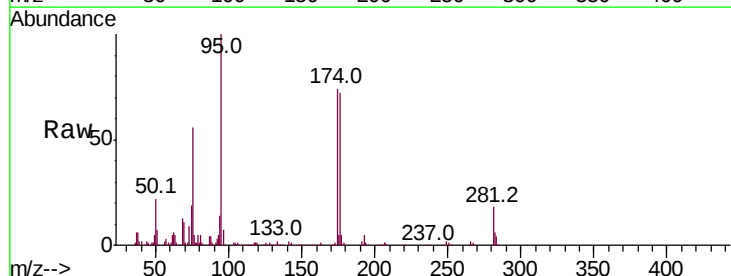
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

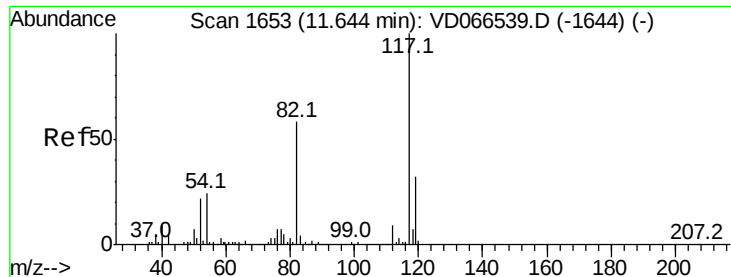
Tot Ion:107 Resp: 154591
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 56.319 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion: 95 Resp: 252860
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 155.8
 176 74.6 0.0 148.6

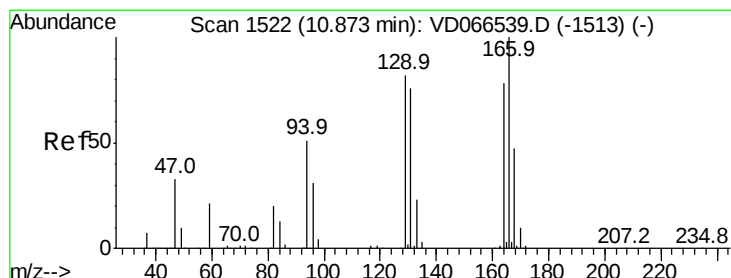
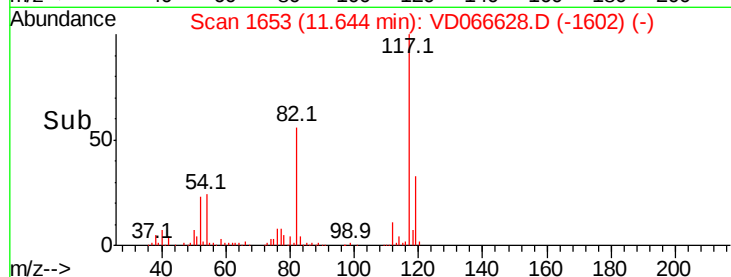
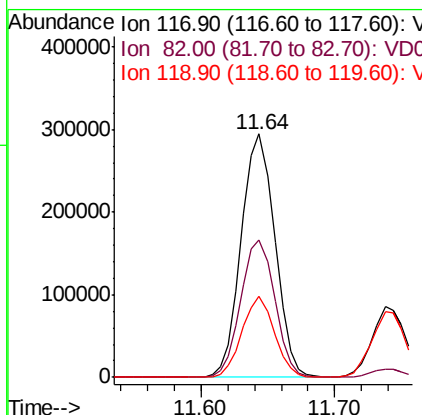
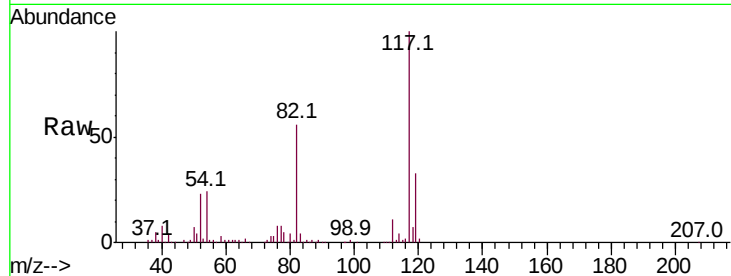




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

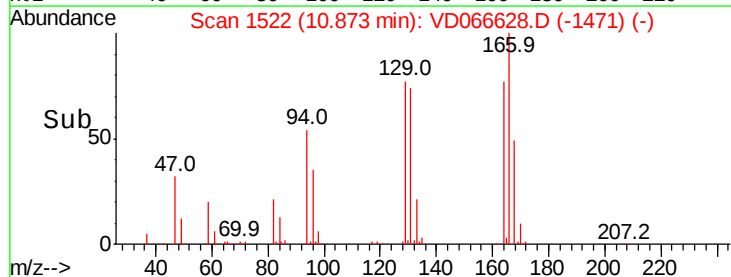
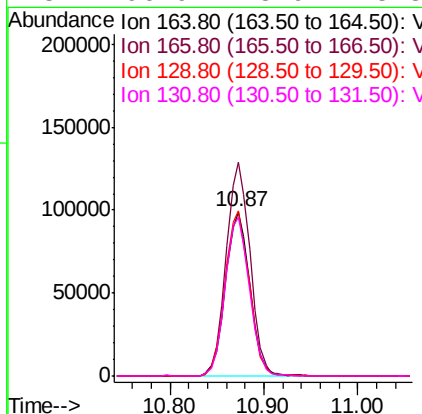
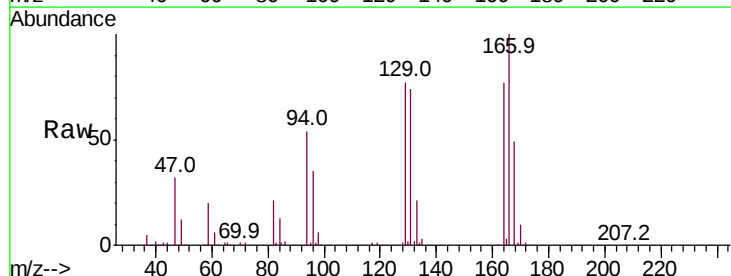
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

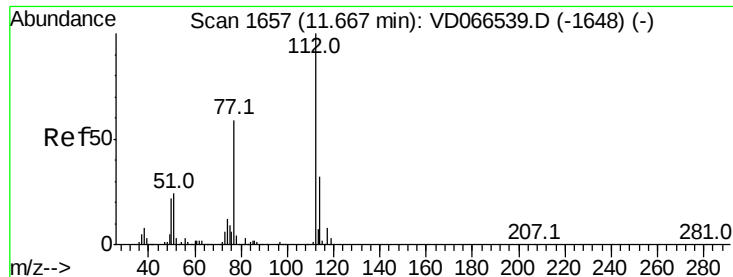
Tot Ion:117 Resp: 516150
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.2
119 33.2 25.8 38.8



#64
Tetrachloroethene
Concen: 50.989 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion:164 Resp: 177199
Ion Ratio Lower Upper
164 100
166 130.2 103.2 154.8
129 100.5 84.5 126.7
131 96.9 78.9 118.3





#65

Chlorobenzene

Concen: 52.410 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

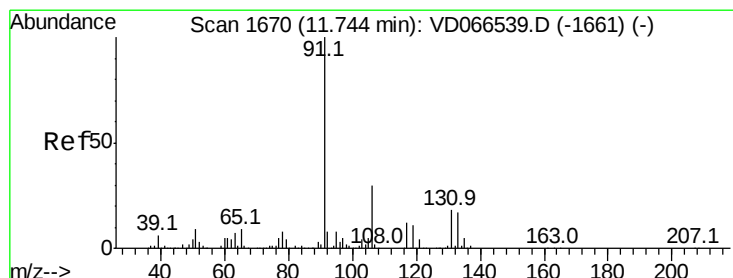
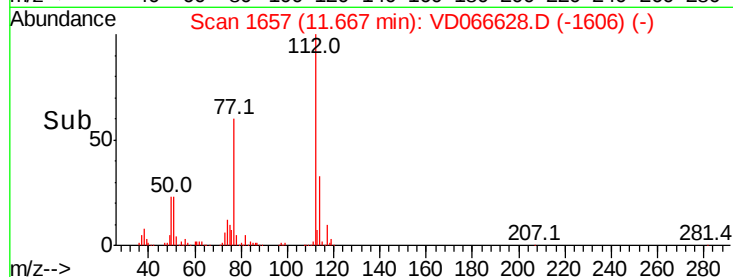
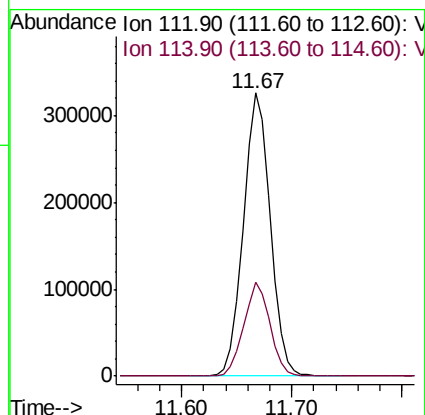
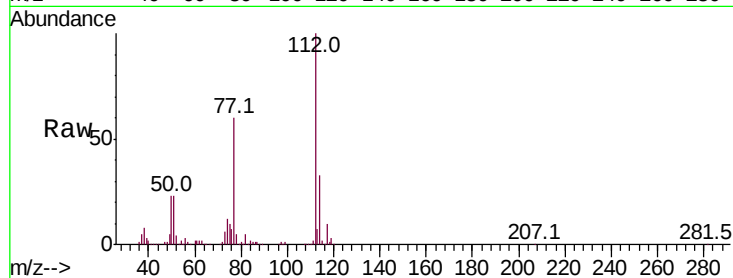
VSTDCCC050

Tot Ion:112 Resp: 558319

Ion Ratio Lower Upper

112 100

114 33.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 53.867 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

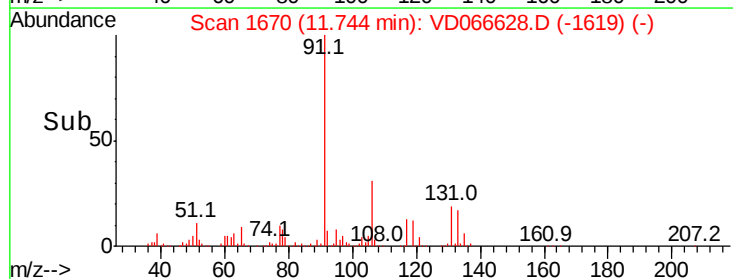
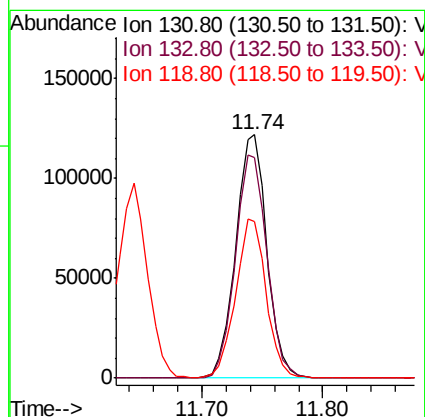
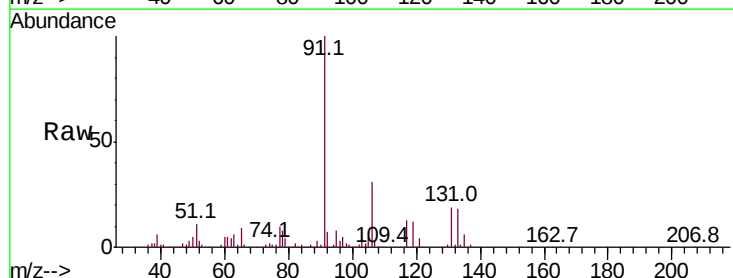
Tgt Ion:131 Resp: 219008

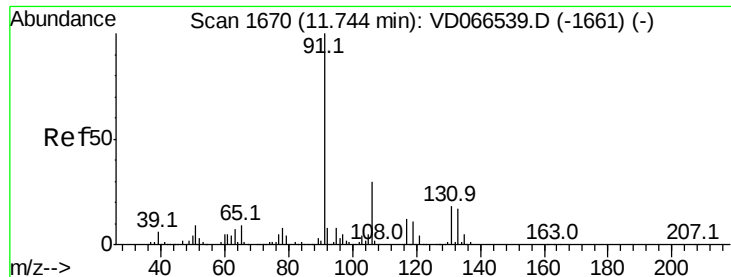
Ion Ratio Lower Upper

131 100

133 93.2 46.7 140.0

119 64.3 31.9 95.7

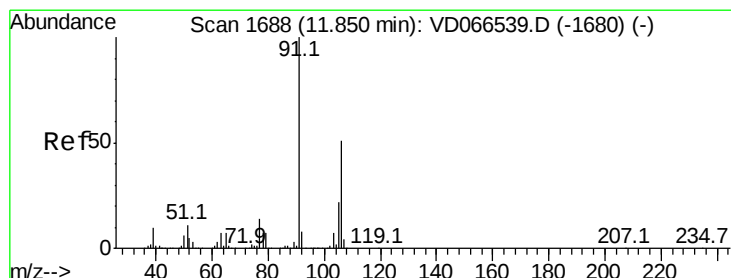
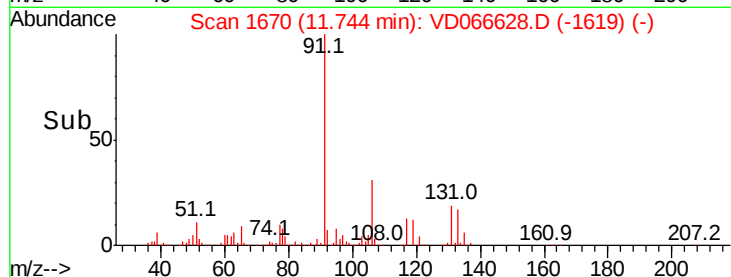
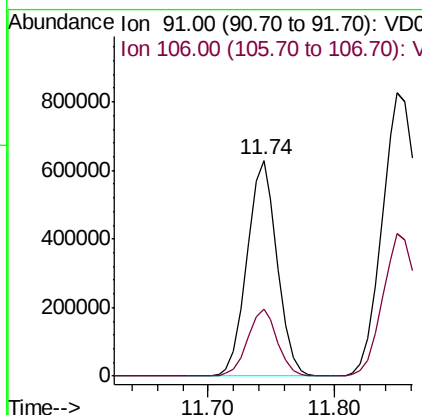
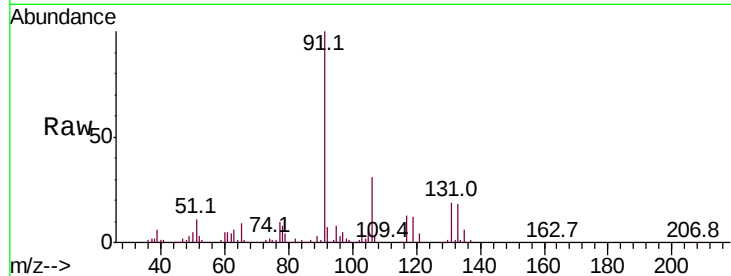




#67
Ethyl Benzene
Concen: 53.135 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

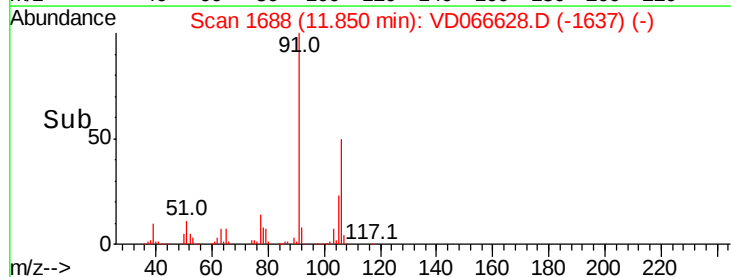
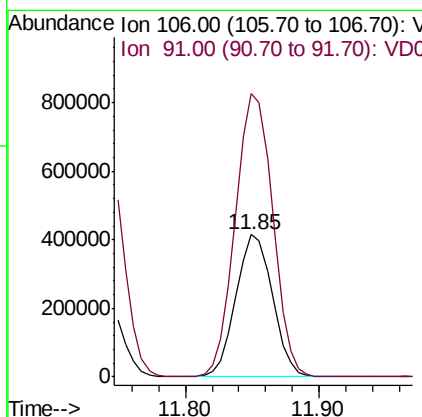
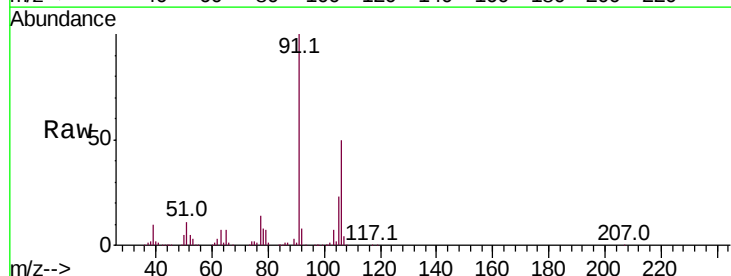
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

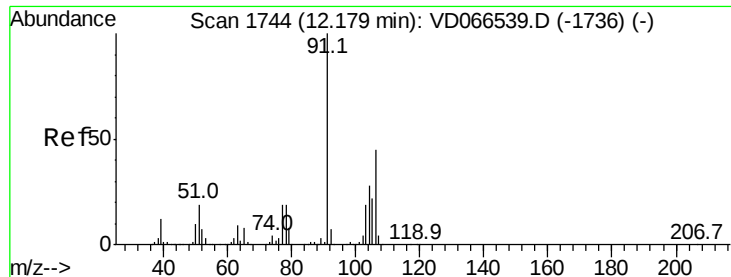
Tot Ion: 91 Resp: 1039360
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5



#68
m/p-Xylenes
Concen: 108.648 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion:106 Resp: 789114
Ion Ratio Lower Upper
106 100
91 203.9 162.4 243.6

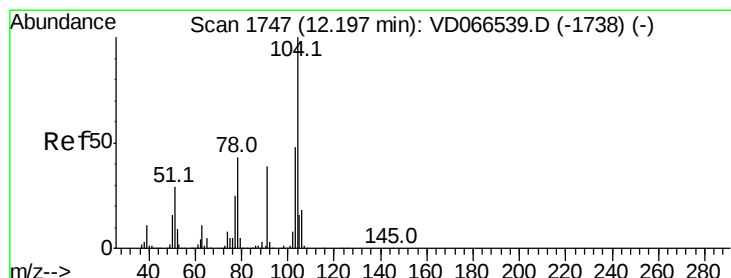
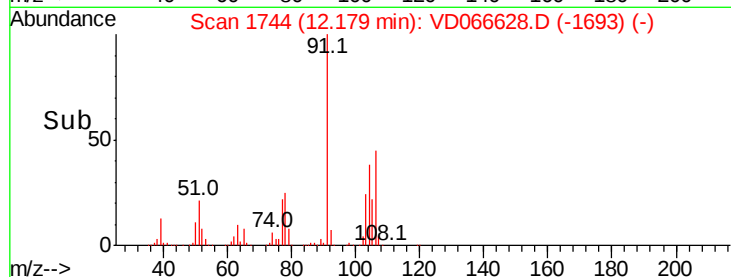
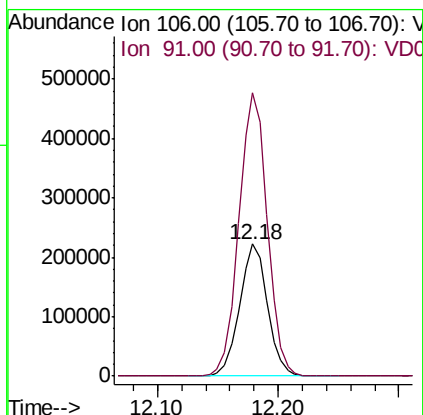
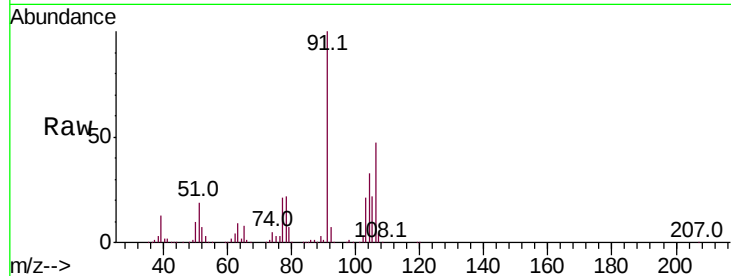




#69
o-Xylene
Concen: 54.614 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

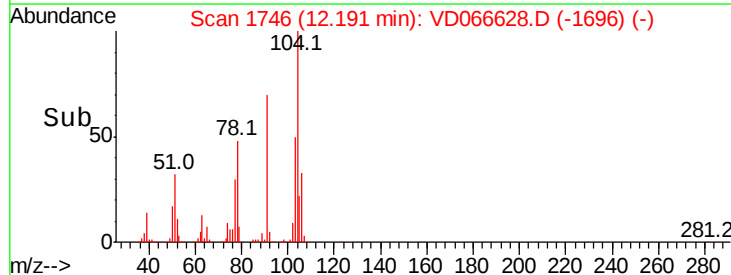
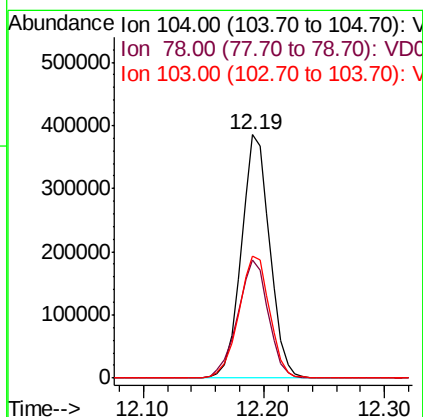
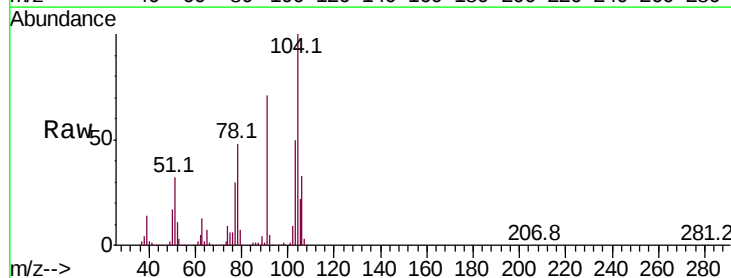
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

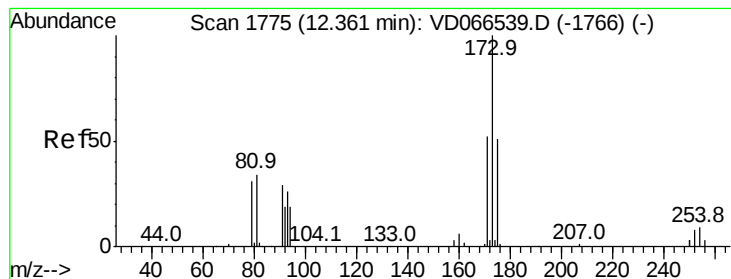
Tot Ion:106 Resp: 355484
Ion Ratio Lower Upper
106 100
91 219.6 107.9 323.8



#70
Styrene
Concen: 55.839 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion:104 Resp: 631879
Ion Ratio Lower Upper
104 100
78 52.3 40.7 61.1
103 54.7 42.9 64.3





#71

Bromoform

Concen: 55.547 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

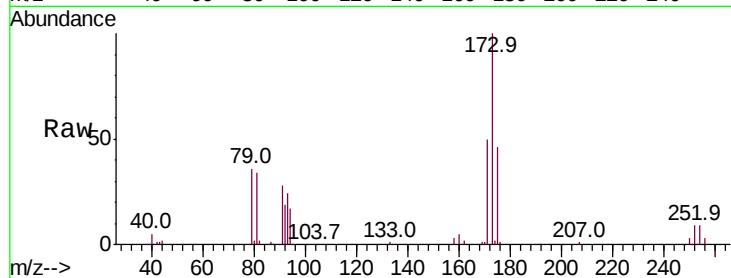
Tot Ion:173 Resp: 113816

Ion Ratio Lower Upper

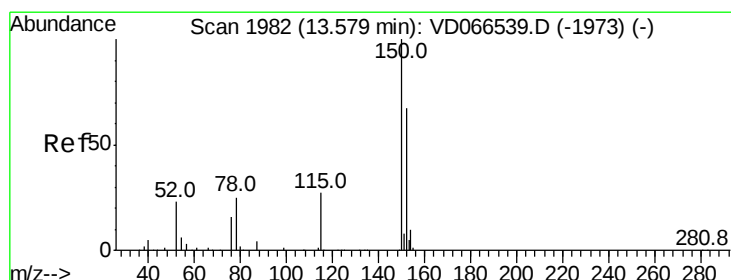
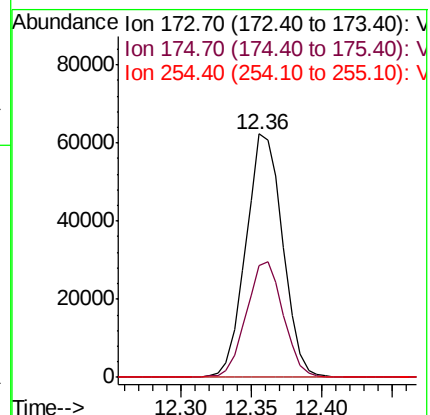
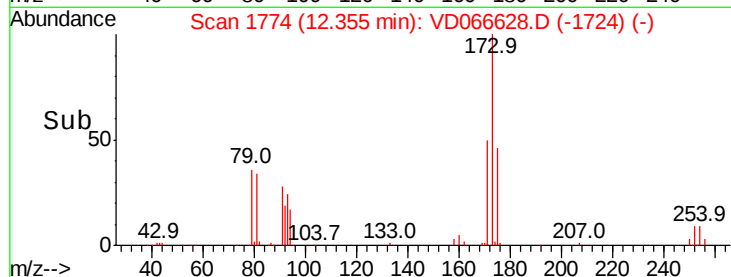
173 100

175 47.6 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: VD066628.D

Acq: 10 Sep 2020 22:33

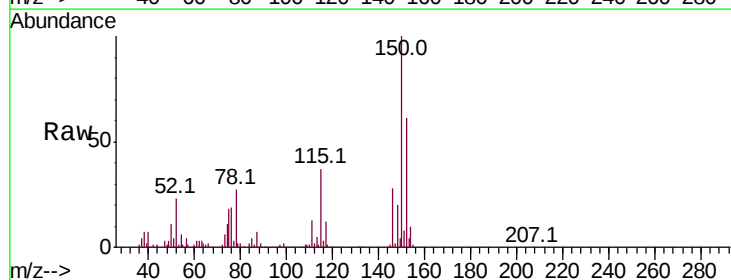
Tgt Ion:152 Resp: 234066

Ion Ratio Lower Upper

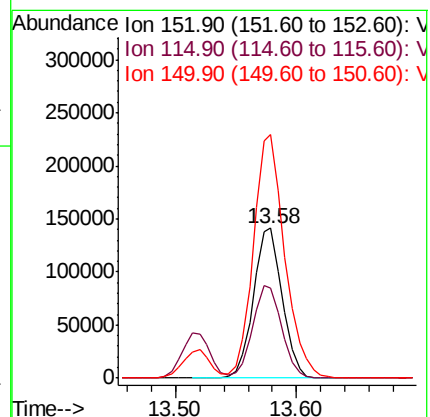
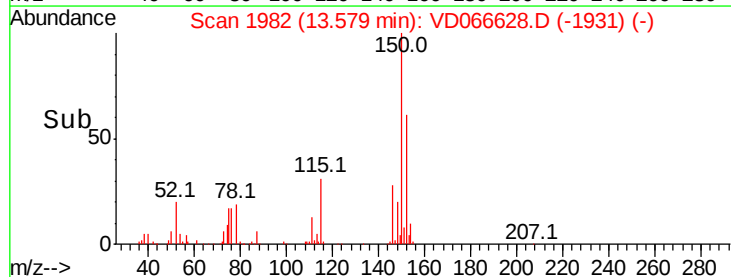
152 100

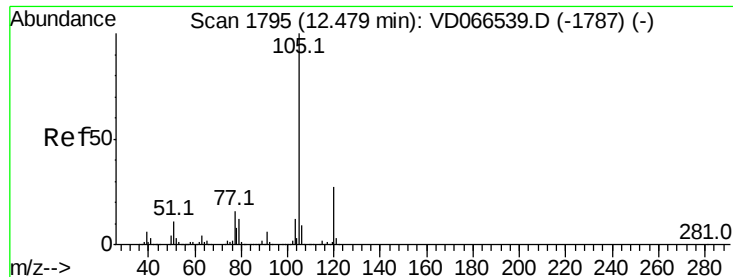
115 62.2 30.4 91.2

150 176.4 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: 56.386 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

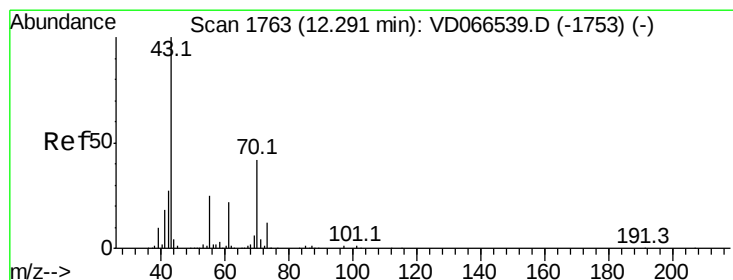
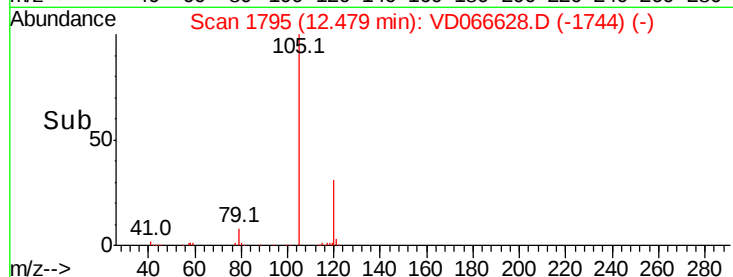
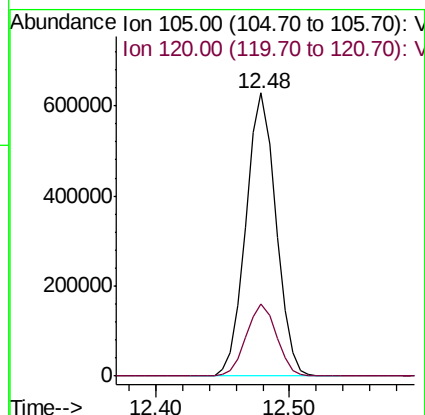
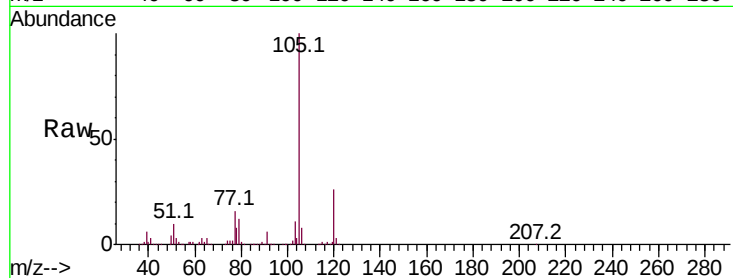
VSTDCCC050

Tot Ion:105 Resp: 977163

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



#74

N-ethyl acetate

Concen: 58.994 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Tgt Ion: 43 Resp: 231553

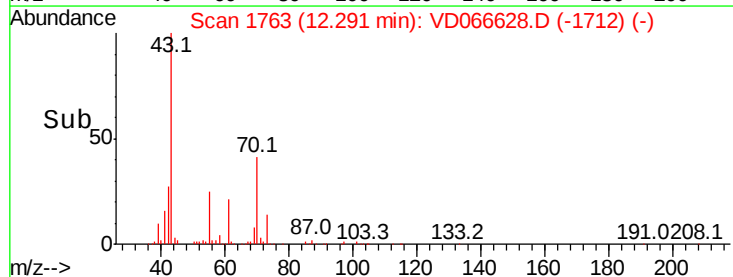
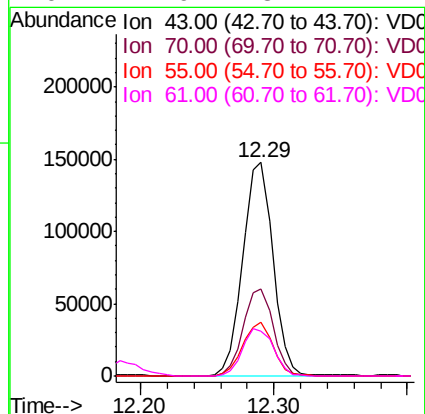
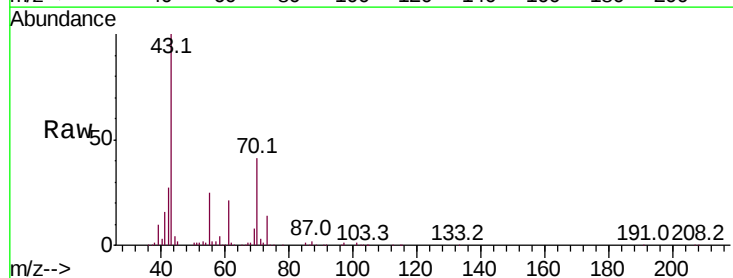
Ion Ratio Lower Upper

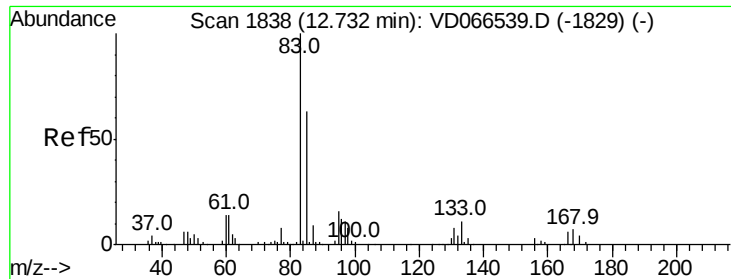
43 100

70 40.7 33.4 50.2

55 25.3 20.1 30.1

61 22.9 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 57.414 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

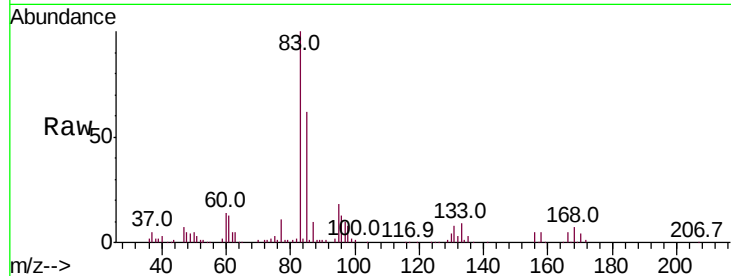
Tot Ion: 83 Resp: 175779

Ion Ratio Lower Upper

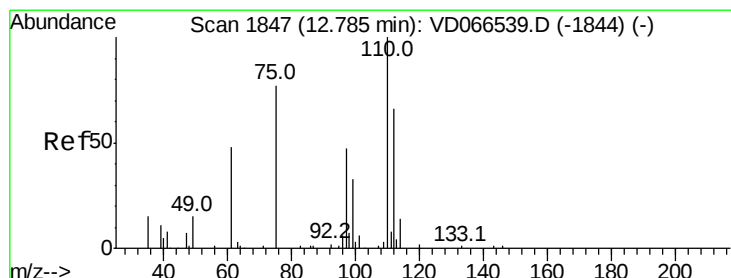
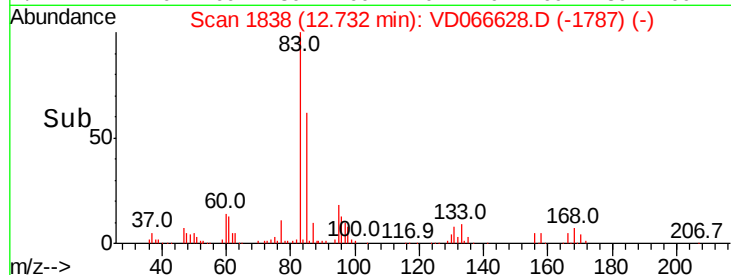
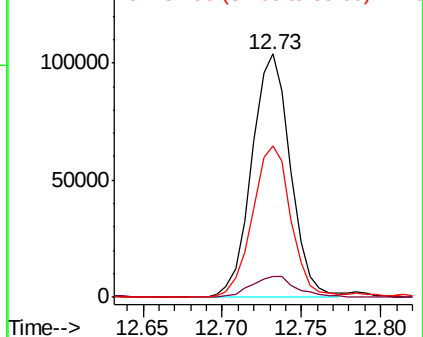
83 100

131 10.1 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: 102.132 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066628.D

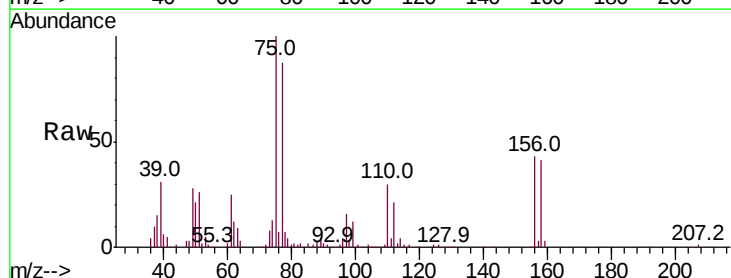
Acq: 10 Sep 2020 22:33

Tgt Ion: 75 Resp: 229909

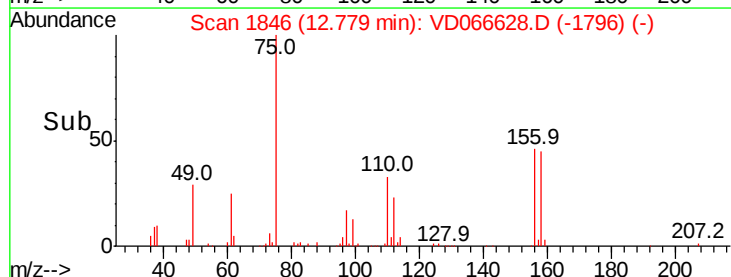
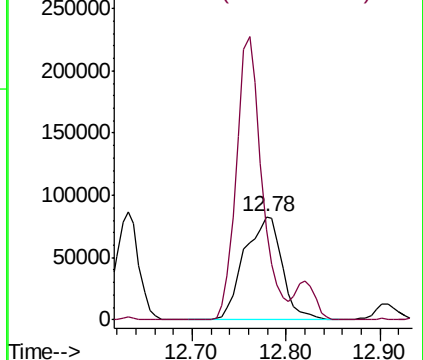
Ion Ratio Lower Upper

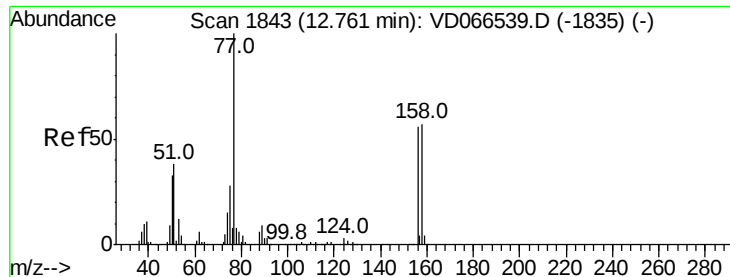
75 100

77 186.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 55.854 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

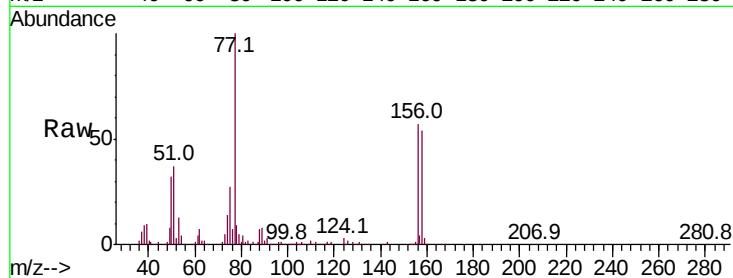
Tot Ion:156 Resp: 215798

Ion Ratio Lower Upper

156 100

77 199.1 98.0 294.1

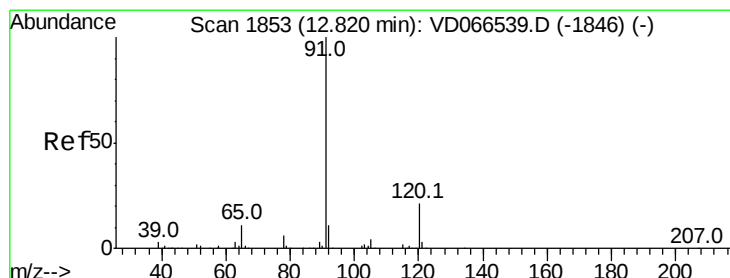
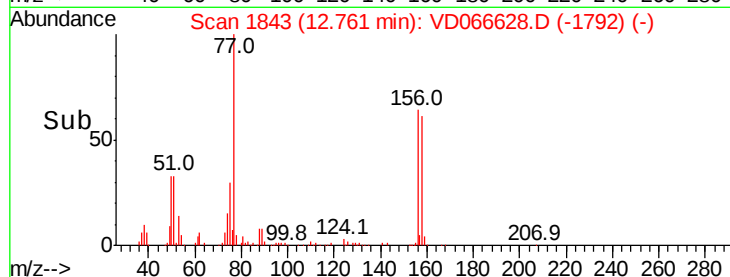
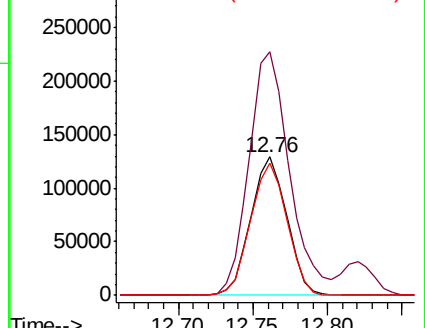
158 96.9 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.827 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066628.D

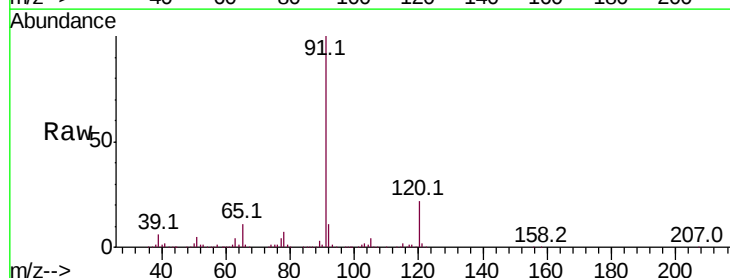
Acq: 10 Sep 2020 22:33

Tgt Ion: 91 Resp: 1172825

Ion Ratio Lower Upper

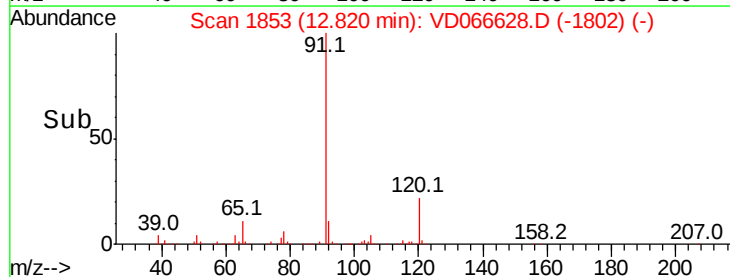
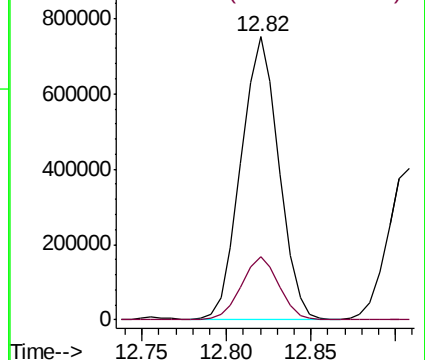
91 100

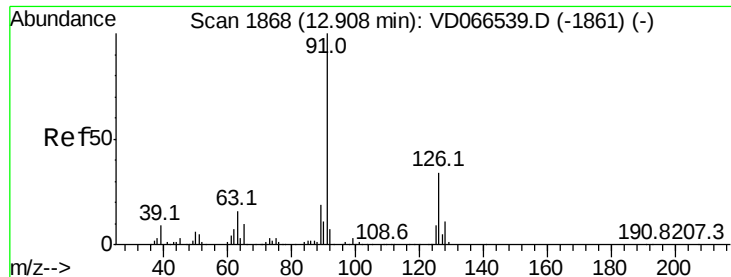
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.883 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

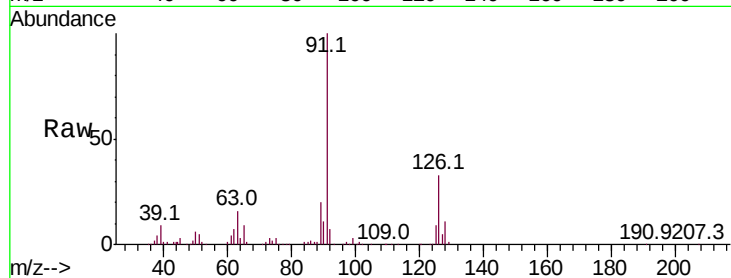
VSTDCCC050

Tot Ion: 91 Resp: 658623

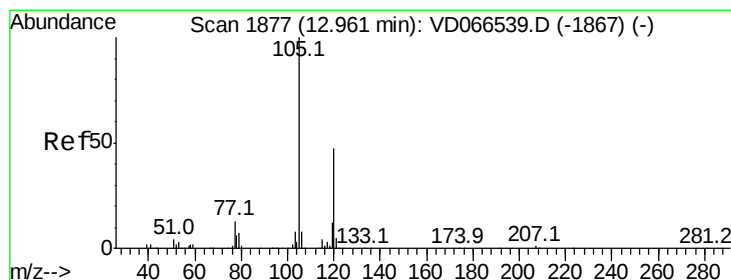
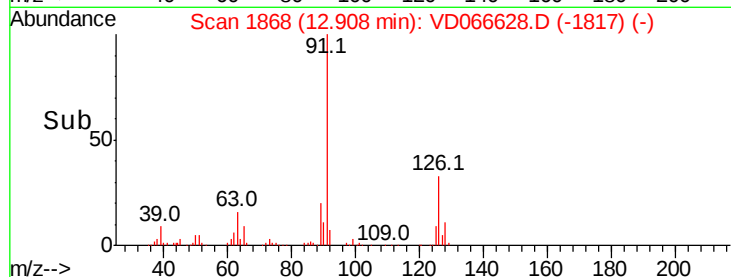
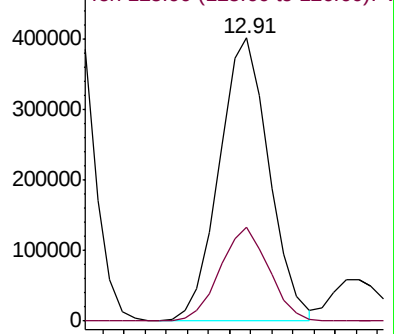
Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 56.877 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066628.D

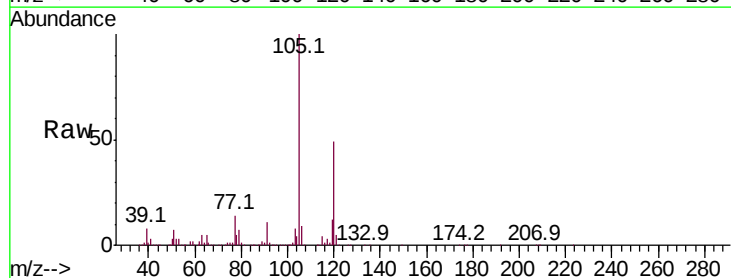
Acq: 10 Sep 2020 22:33

Tgt Ion:105 Resp: 829617

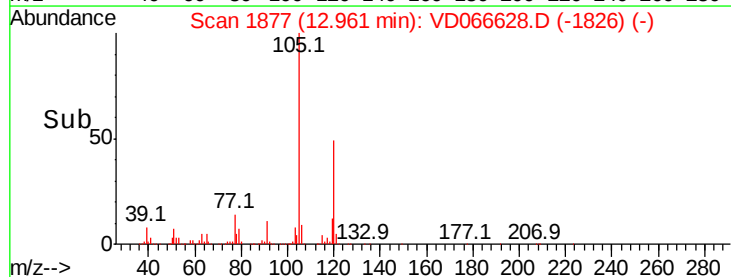
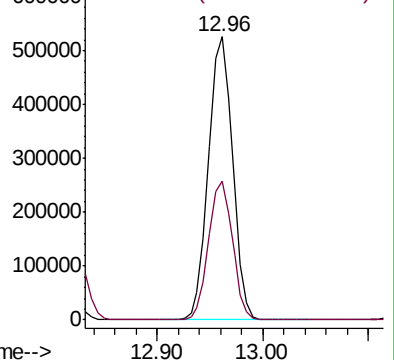
Ion Ratio Lower Upper

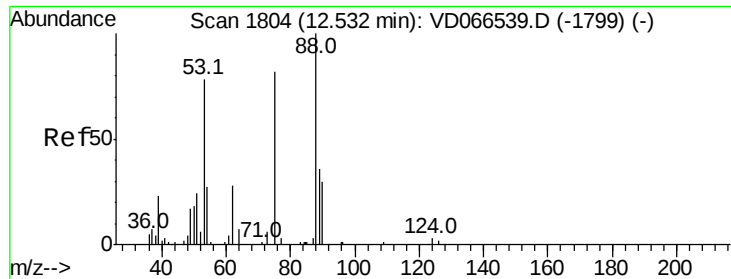
105 100

120 48.7 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 55.865 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

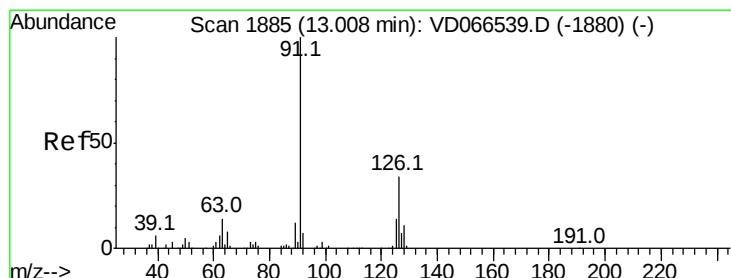
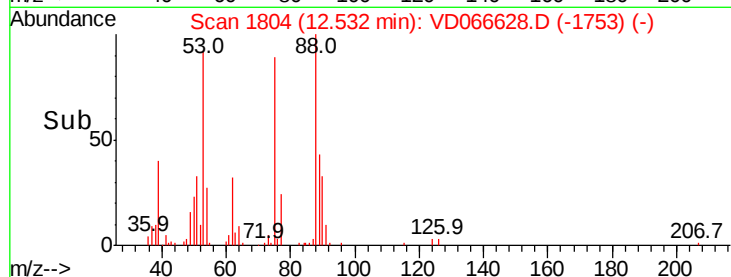
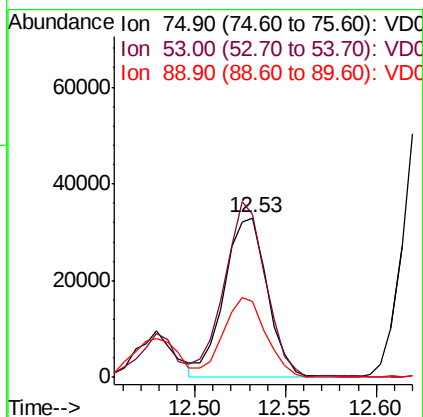
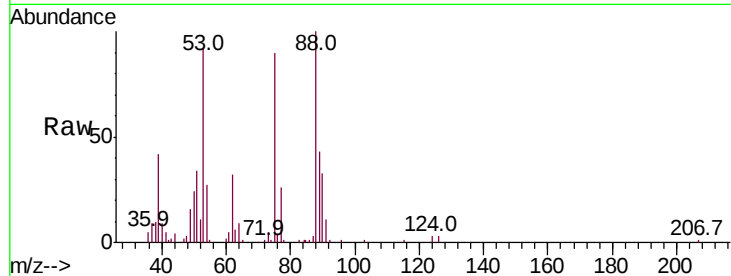
Tot Ion: 75 Resp: 53866

Ion Ratio Lower Upper

75 100

53 106.3 87.0 130.4

89 50.6 37.1 55.7



#82

4-Chlorotoluene

Concen: 56.339 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066628.D

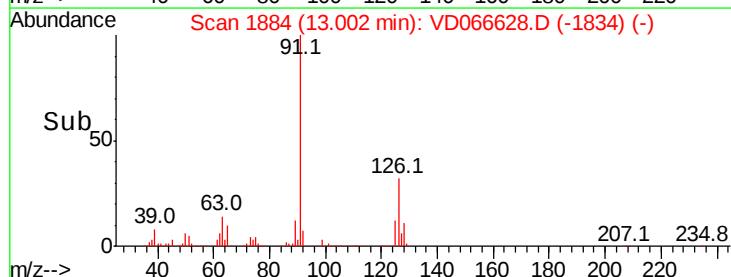
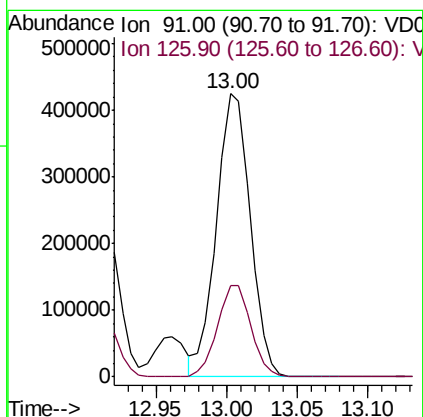
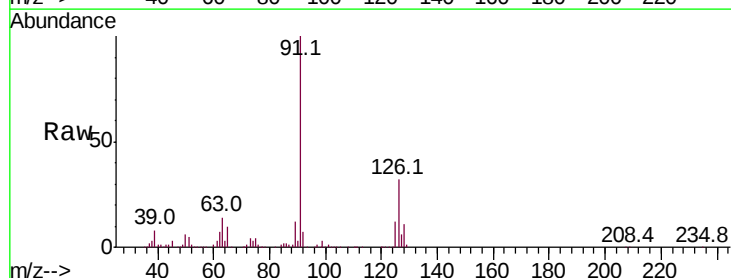
Acq: 10 Sep 2020 22:33

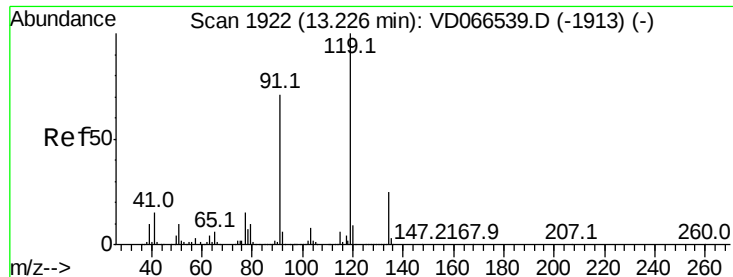
Tgt Ion: 91 Resp: 710054

Ion Ratio Lower Upper

91 100

126 32.1 16.4 49.1





#83

tert-Butylbenzene

Concen: 56.823 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

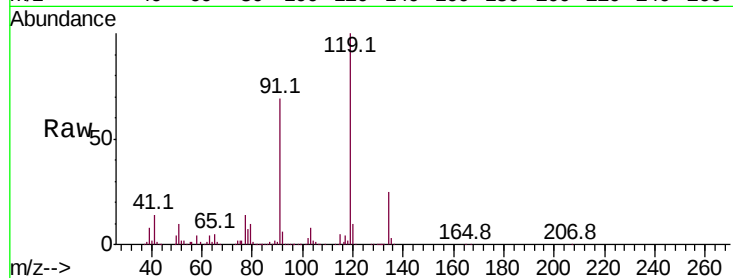
Tot Ion:119 Resp: 676834

Ion Ratio Lower Upper

119 100

91 68.9 35.2 105.6

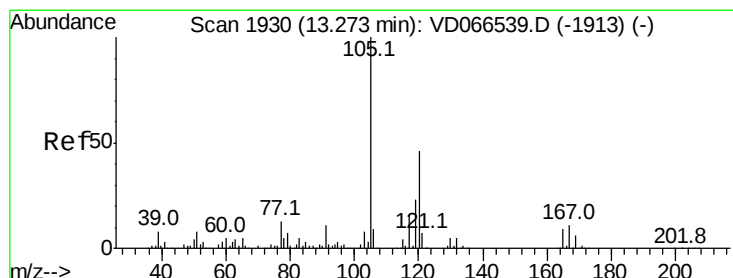
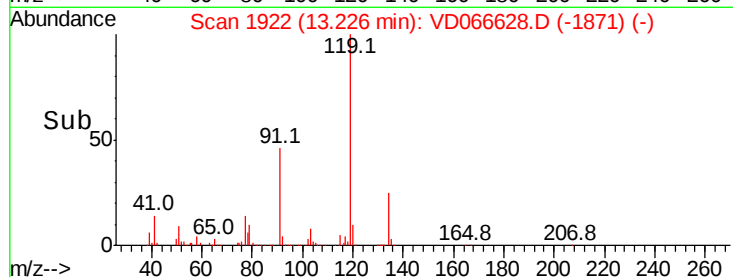
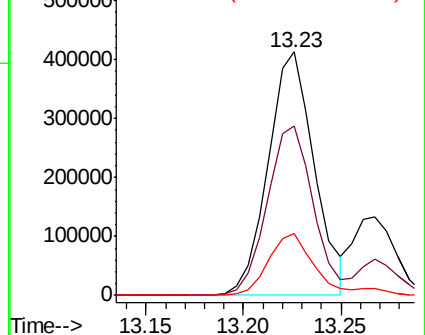
134 26.5 13.5 40.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 57.128 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066628.D

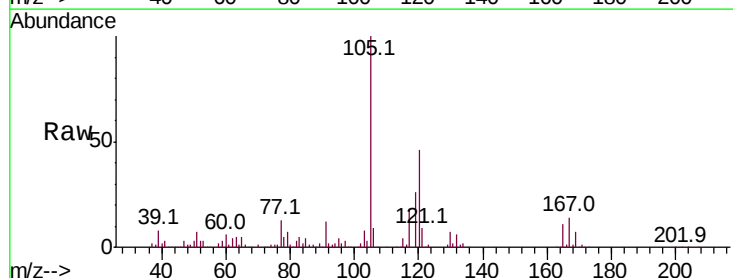
Acq: 10 Sep 2020 22:33

Tgt Ion:105 Resp: 829620

Ion Ratio Lower Upper

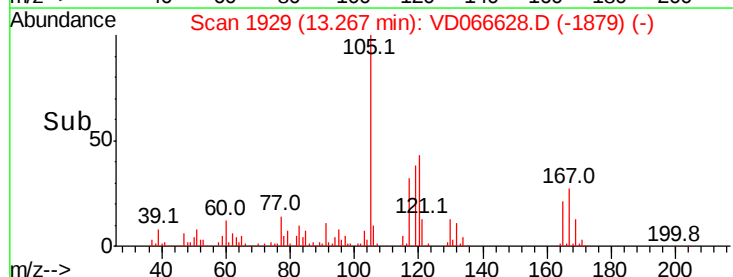
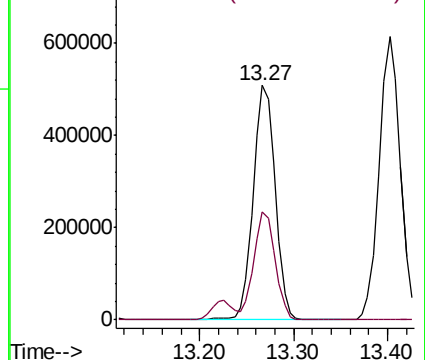
105 100

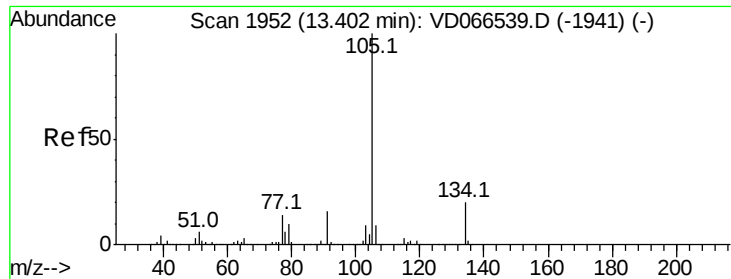
120 44.3 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.679 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

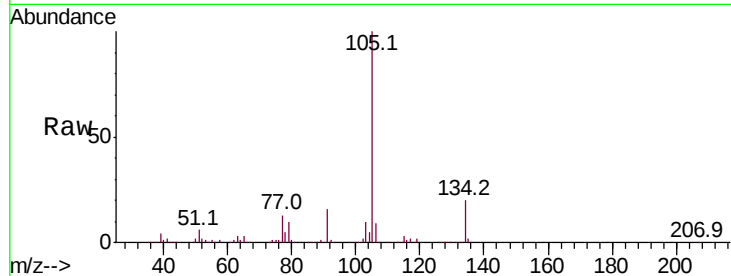
VSTDCCC050

Tot Ion:105 Resp: 955496

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

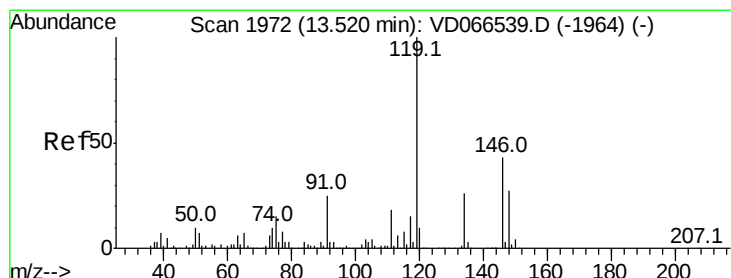
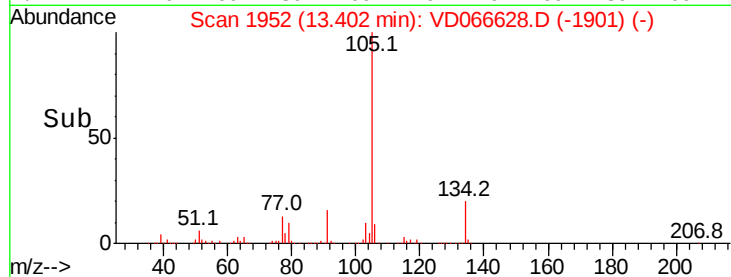
600000

400000

200000

0

Time--> 13.30 13.40 13.50



#86

p-Isopropyltoluene

Concen: 56.406 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

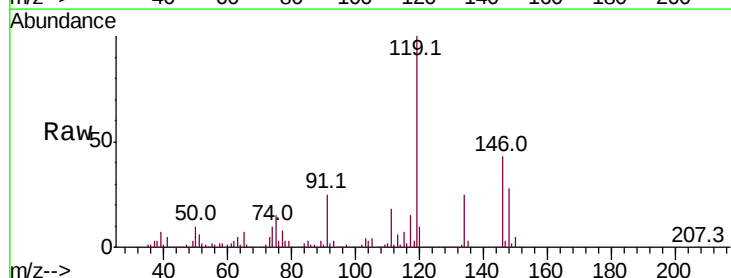
Tgt Ion:119 Resp: 871237

Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.0

91 25.1 12.5 37.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

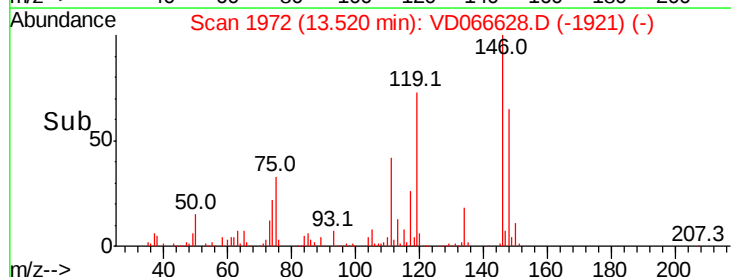
600000

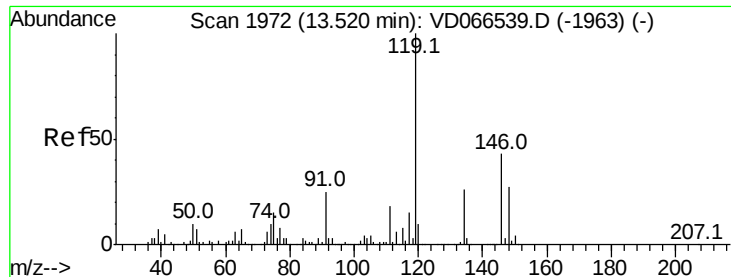
400000

200000

0

Time--> 13.40 13.50 13.60





#87

1,3-Dichlorobenzene

Concen: 54.236 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

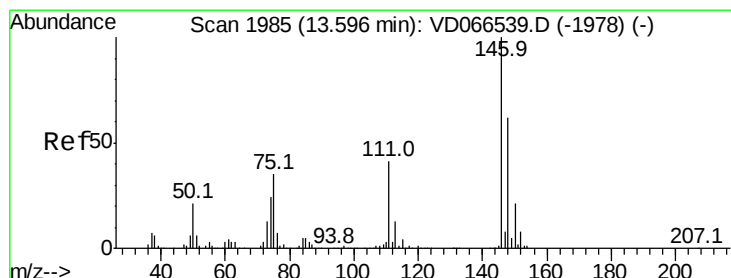
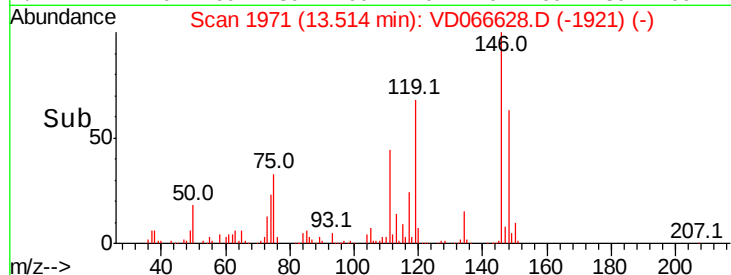
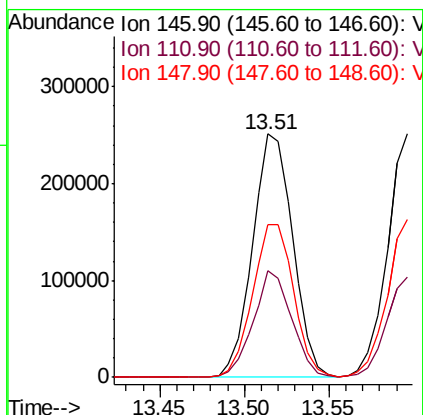
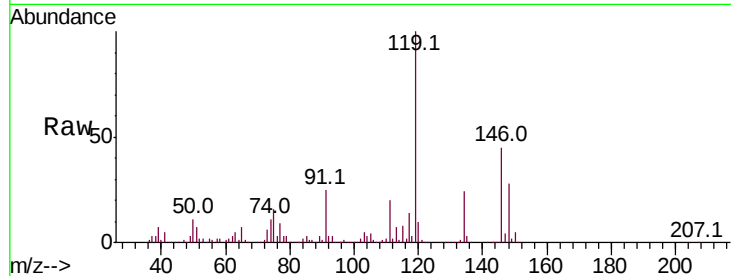
Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 416006

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.6	61.9
148	64.1	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 52.941 ug/l

RT: 13.60 min Scan# 1985

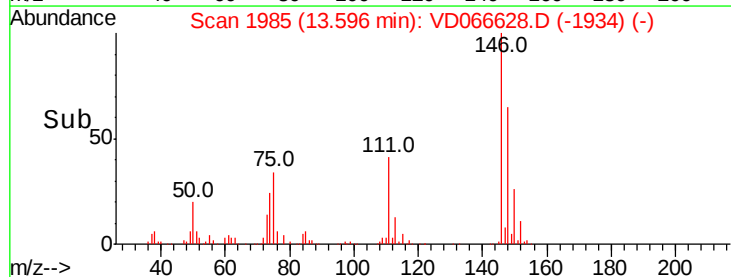
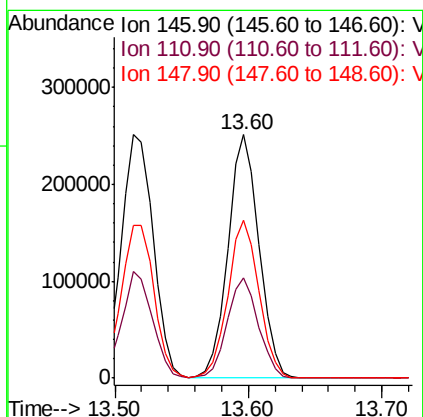
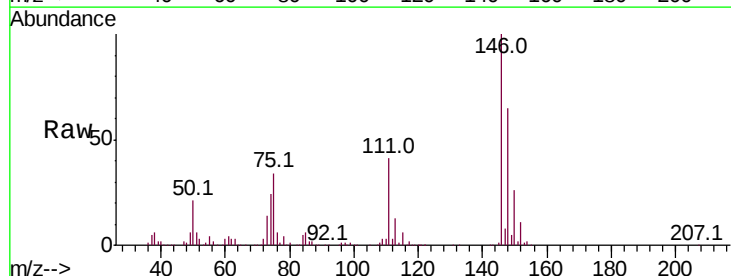
Delta R.T. 0.00 min

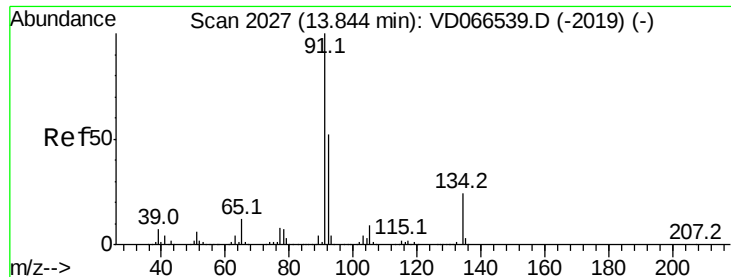
Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Tgt Ion:146 Resp: 407576

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.1	60.2
148	64.8	31.6	94.8

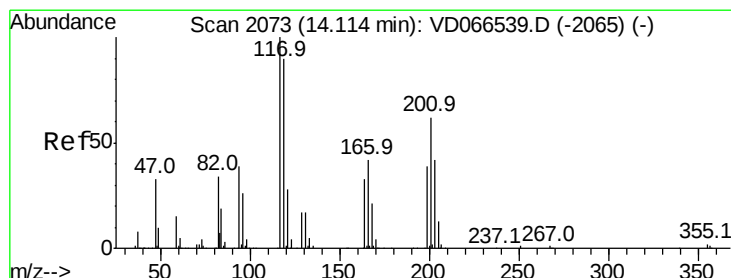
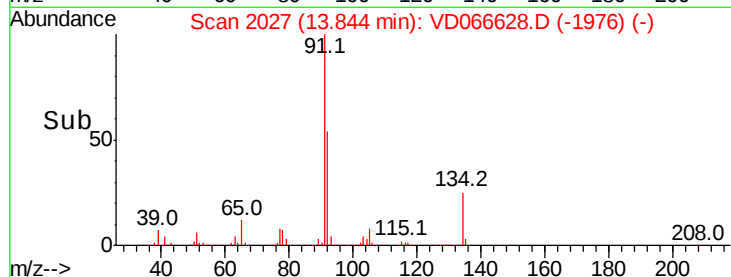
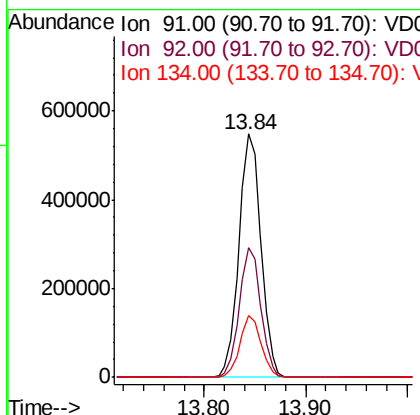
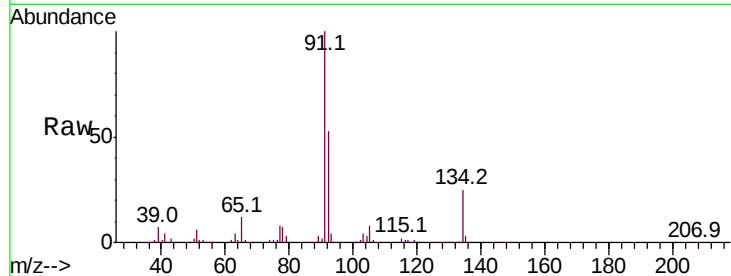




#89
n-Butylbenzene
Concen: 55.006 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

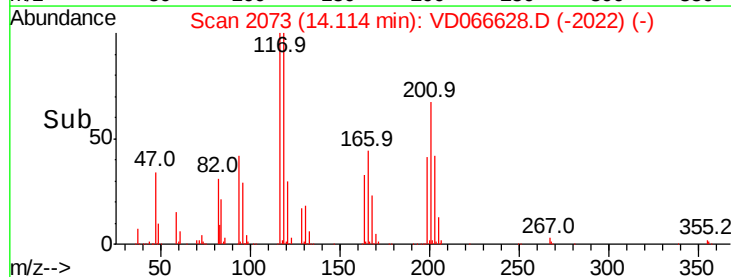
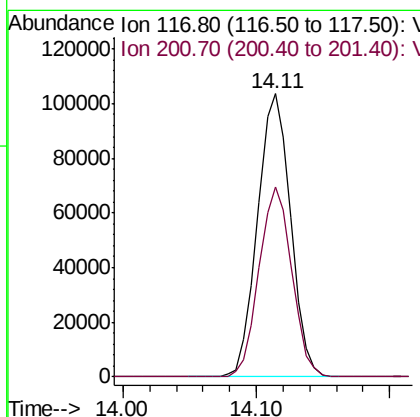
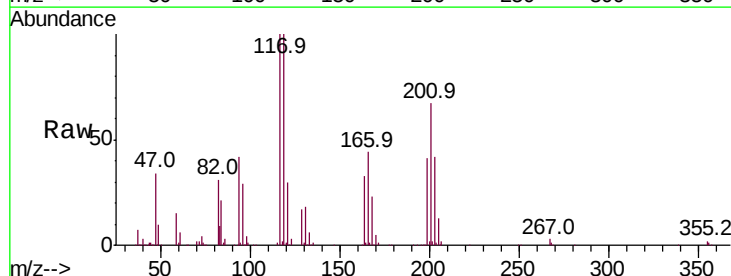
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

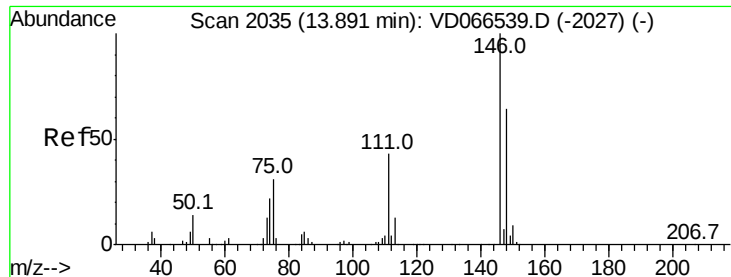
Tot Ion: 91 Resp: 827932
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 24.3 12.1 36.3



#90
Hexachloroethane
Concen: 53.367 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion: 117 Resp: 177610
Ion Ratio Lower Upper
117 100
201 66.2 31.9 95.5





#91

1,2-Dichlorobenzene

Concen: 54.563 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

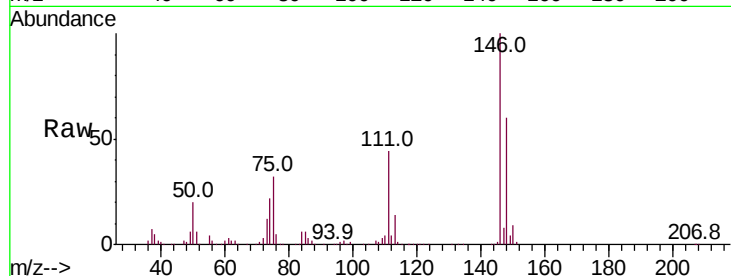
Tot Ion:146 Resp: 365809

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.4

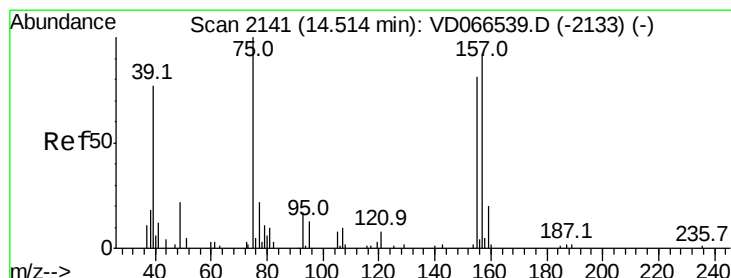
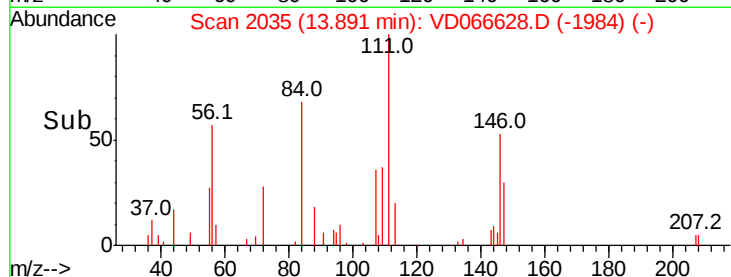
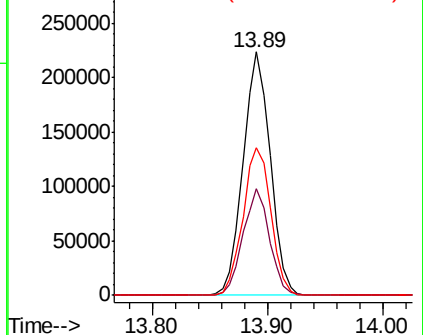
148 62.3 31.8 95.3



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: 57.102 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

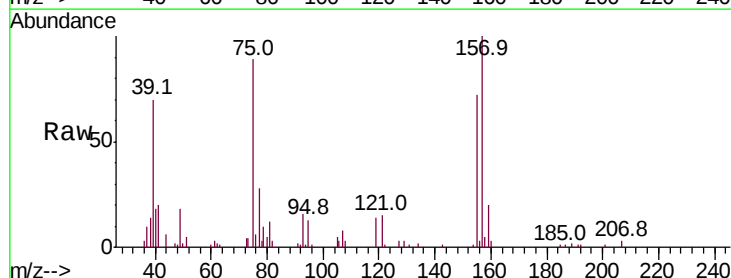
Tgt Ion: 75 Resp: 29698

Ion Ratio Lower Upper

75 100

155 74.6 39.3 117.8

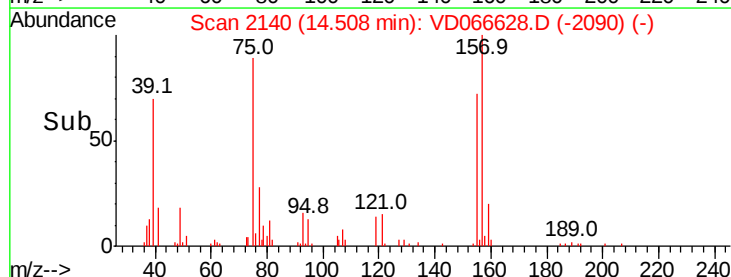
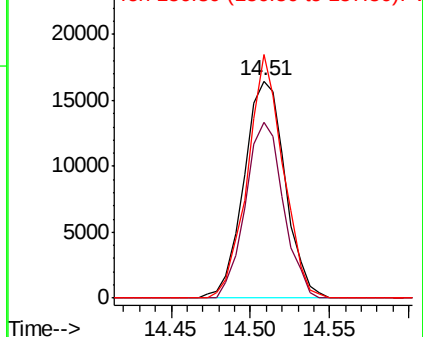
157 96.8 46.0 137.8

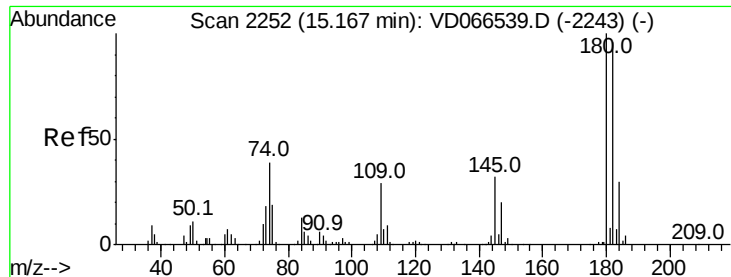


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

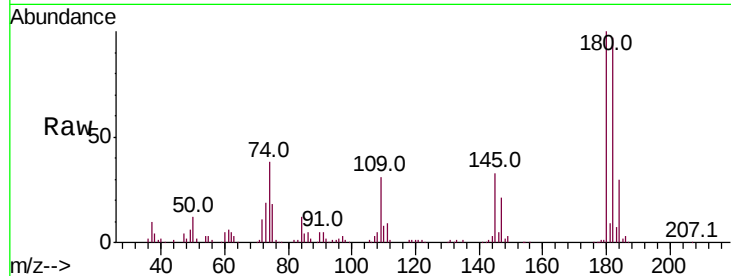




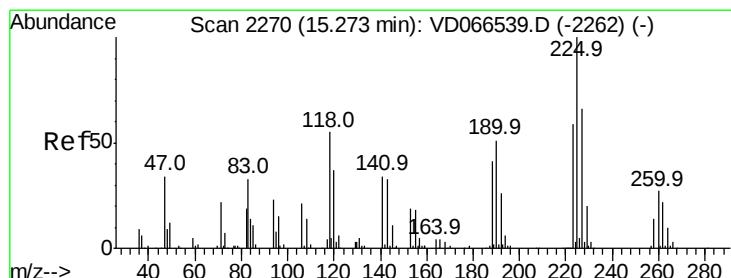
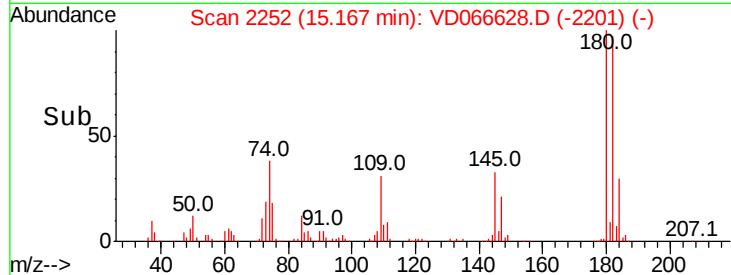
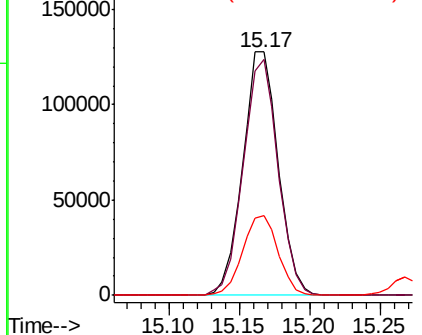
#93
 1,2,4-Trichlorobenzene
 Concen: 55.899 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 224913
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.4 145.0
 145 33.0 16.7 50.0

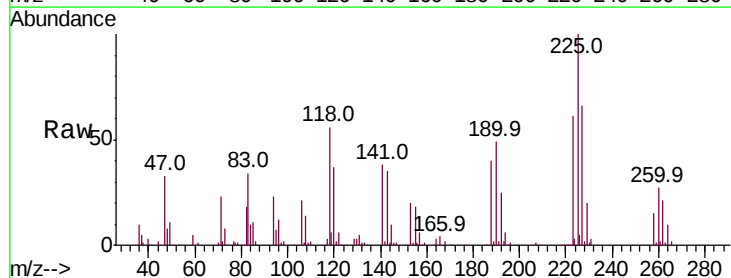


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

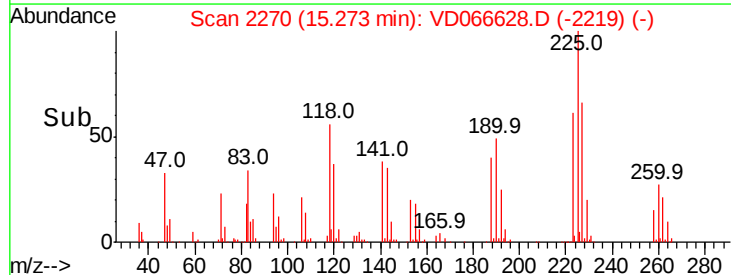
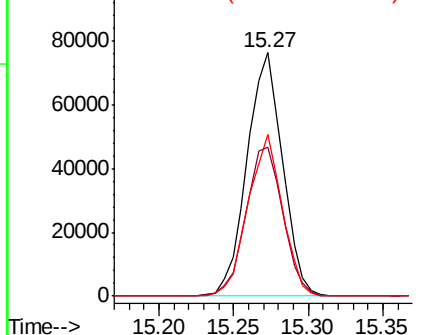


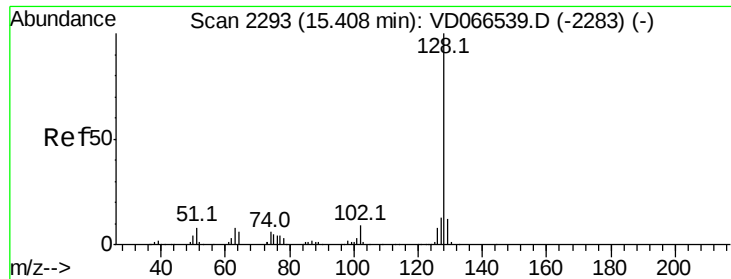
#94
 Hexachlorobutadiene
 Concen: 51.970 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion:225 Resp: 125624
 Ion Ratio Lower Upper
 225 100
 223 63.8 30.5 91.5
 227 64.2 32.4 97.2



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

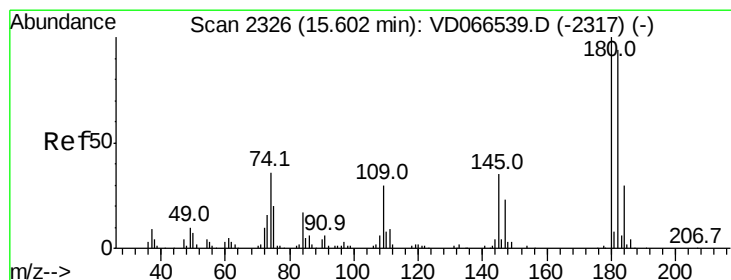
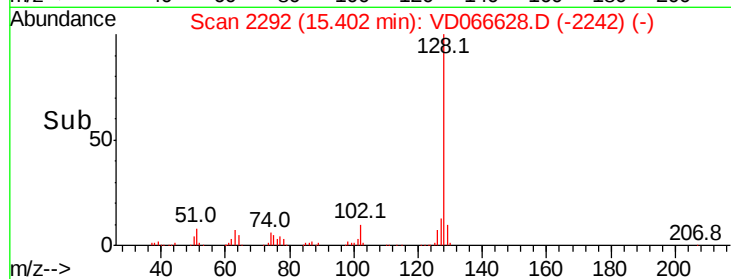
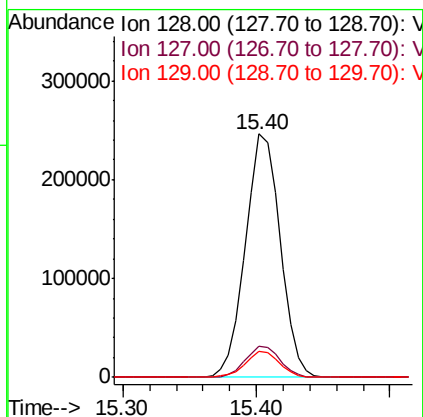
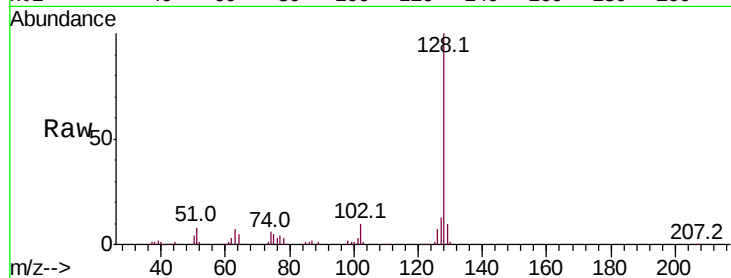




#95
Naphthalene
Concen: 63.195 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 444327
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.4 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 58.427 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion:180 Resp: 200425
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.6
145 35.4 17.3 51.7

