

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067005.D
 Acq On : 01 Oct 2020 20:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 02 00:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	420951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	685798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	636247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	306481	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	217548	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
35) Dibromofluoromethane	7.91	113	233514	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.34	98	850361	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.63	95	290782	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	185020	55.103	ug/l	94
3) Chloromethane	2.21	50	171611	51.191	ug/l	96
4) Vinyl Chloride	2.35	62	169782	50.509	ug/l	97
5) Bromomethane	2.77	94	132396	62.158	ug/l	97
6) Chloroethane	2.93	64	105461	51.518	ug/l	97
7) Trichlorofluoromethane	3.27	101	366174	49.031	ug/l	100
8) Diethyl Ether	3.71	74	103753	56.023	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	205326	48.642	ug/l	99
10) Methyl Iodide	4.30	142	215082	52.440	ug/l	100
11) Tert butyl alcohol	5.21	59	62997	268.758	ug/l	98
12) 1,1-Dichloroethene	4.07	96	199399	50.250	ug/l	98
13) Acrolein	3.92	56	62990	232.013	ug/l	99
14) Allyl chloride	4.71	41	283691	55.032	ug/l	99
15) Acrylonitrile	5.43	53	188709	276.860	ug/l	99
16) Acetone	4.16	43	155403	251.082	ug/l	95
17) Carbon Disulfide	4.41	76	636717	52.284	ug/l	98
18) Methyl Acetate	4.71	43	90992	58.493	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	412724	56.975	ug/l	99
20) Methylene Chloride	4.97	84	274024	64.499	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	240689	53.297	ug/l	99
22) Diisopropyl ether	6.36	45	544781	57.886	ug/l	98
23) Vinyl Acetate	6.31	43	1576492	295.610	ug/l	99
24) 1,1-Dichloroethane	6.27	63	398159	54.819	ug/l	98
25) 2-Butanone	7.21	43	238567	271.869	ug/l	99
26) 2,2-Dichloropropane	7.21	77	321427	51.912	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	273198	56.644	ug/l	98
28) Bromochloromethane	7.54	49	156210	55.691	ug/l	100
29) Tetrahydrofuran	7.56	42	143185	283.783	ug/l	99
30) Chloroform	7.71	83	437508	55.529	ug/l	96
31) Cyclohexane	7.98	56	293814	48.252	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	383866	52.571	ug/l	99
36) 1,1-Dichloropropene	8.11	75	315997	49.433	ug/l	98
37) Ethyl Acetate	7.30	43	115146	51.996	ug/l	97
38) Carbon Tetrachloride	8.10	117	343848	49.714	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	340329	50.357	ug/l	96
40) Benzene	8.35	78	943181	53.121	ug/l	99
41) Methacrylonitrile	7.52	41	77225	64.549	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	257645	51.930	ug/l	99
43) Isopropyl Acetate	8.45	43	221311	54.248	ug/l	100
44) Trichloroethene	9.11	130	271480	51.204	ug/l	97
45) 1,2-Dichloropropane	9.38	63	227075	54.431	ug/l	95
46) Dibromomethane	9.47	93	126370	52.704	ug/l	97
47) Bromodichloromethane	9.66	83	334266	53.630	ug/l	97
48) Methyl methacrylate	9.46	41	104404	49.953	ug/l #	81
49) 1,4-Dioxane	9.46	88	25809	1031.335	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	556213	273.722	ug/l	98
52) Toluene	10.40	92	625693	54.706	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	300576	53.959	ug/l	92
54) cis-1,3-Dichloropropene	10.08	75	361126	53.090	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	175260	52.574	ug/l	93
56) Ethyl methacrylate	10.66	69	195941	56.931	ug/l	95
57) 1,3-Dichloropropane	10.94	76	292499	54.108	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	567579	296.291	ug/l	100
59) 2-Hexanone	10.98	43	376532	277.624	ug/l	99
60) Dibromochloromethane	11.14	129	238643	53.711	ug/l	96
61) 1,2-Dibromoethane	11.24	107	172030	53.715	ug/l	97
64) Tetrachloroethene	10.87	164	231949	50.145	ug/l	93
65) Chlorobenzene	11.67	112	665392	52.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	246865	51.286	ug/l	98
67) Ethyl Benzene	11.74	91	1151597	53.114	ug/l	99
68) m/p-Xylenes	11.86	106	899044	106.400	ug/l	100
69) o-Xylene	12.18	106	414882	54.907	ug/l	98
70) Styrene	12.20	104	710901	54.790	ug/l	100
71) Bromoform	12.36	173	130115	52.075	ug/l #	100
73) Isopropylbenzene	12.48	105	1105199	53.108	ug/l	100
74) N-amyl acetate	12.29	43	196878	52.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	177931	50.747	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	230878	86.486	ug/l #	100
77) Bromobenzene	12.76	156	268535	53.440	ug/l	97
78) n-propylbenzene	12.82	91	1285592	52.272	ug/l	99
79) 2-Chlorotoluene	12.91	91	732895	52.083	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	951296	54.105	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	53747	50.195	ug/l	98
82) 4-Chlorotoluene	13.01	91	779822	52.087	ug/l	100
83) tert-Butylbenzene	13.23	119	779798	52.667	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	949515	54.114	ug/l	98
85) sec-Butylbenzene	13.40	105	1081410	51.864	ug/l	100
86) p-Isopropyltoluene	13.52	119	1008977	52.195	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	504398	51.534	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	498733	50.960	ug/l	99
89) n-Butylbenzene	13.85	91	905082	51.231	ug/l	99
90) Hexachloroethane	14.12	117	173608	51.270	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	440896	51.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29352	51.932	ug/l	94

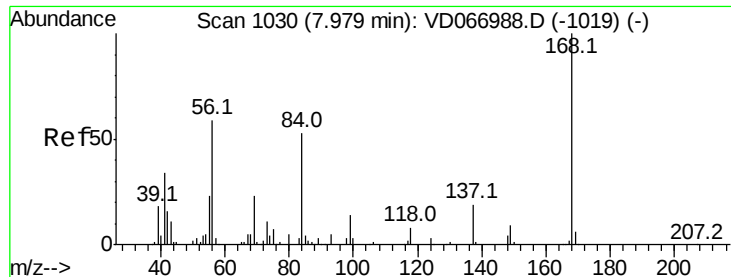
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
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QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	295596	53.462	ug/l	99
94) Hexachlorobutadiene	15.27	225	167894	49.444	ug/l	99
95) Naphthalene	15.41	128	513692	55.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	256839	53.511	ug/l	100

(#) = 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: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

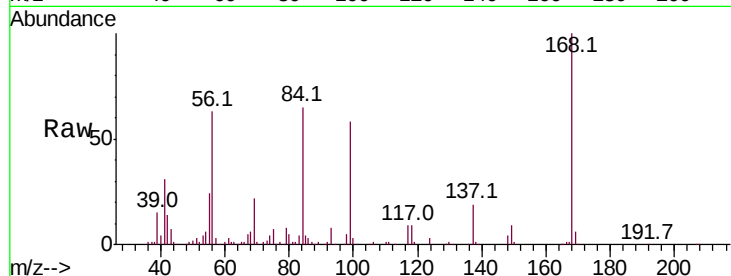
VSTDCCC050EC

Tot Ion:168 Resp: 420951

Ion Ratio Lower Upper

168 100

99 57.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

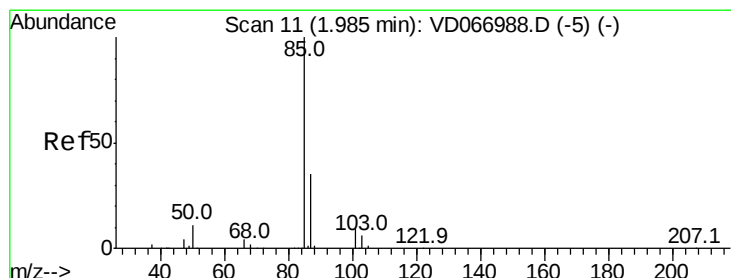
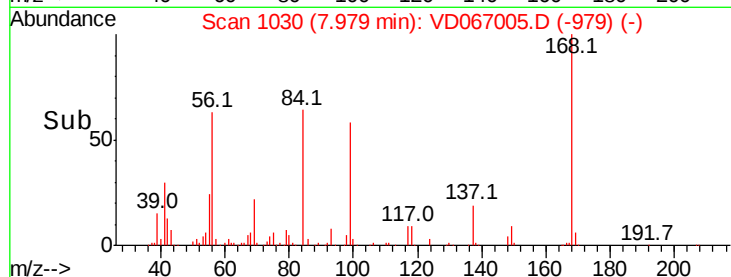
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 55.103 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067005.D

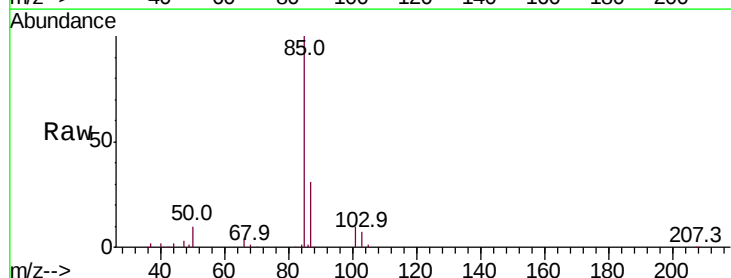
Acq: 01 Oct 2020 20:59

Tgt Ion: 85 Resp: 185020

Ion Ratio Lower Upper

85 100

87 31.3 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

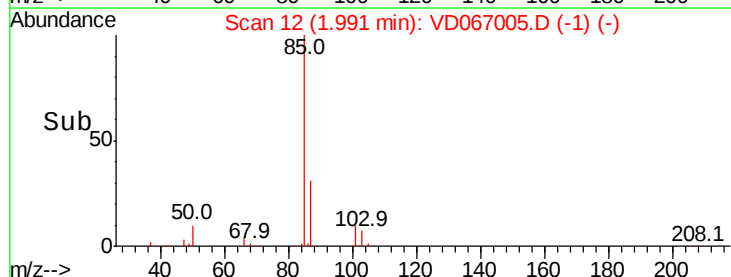
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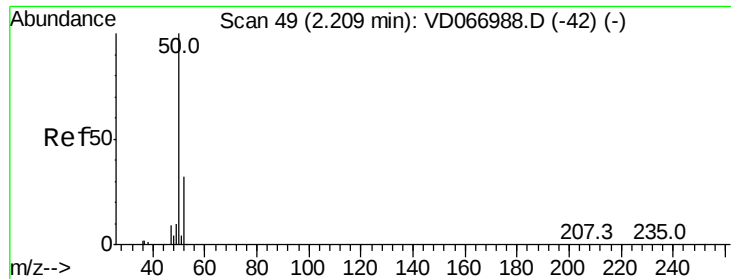
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 51.191 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

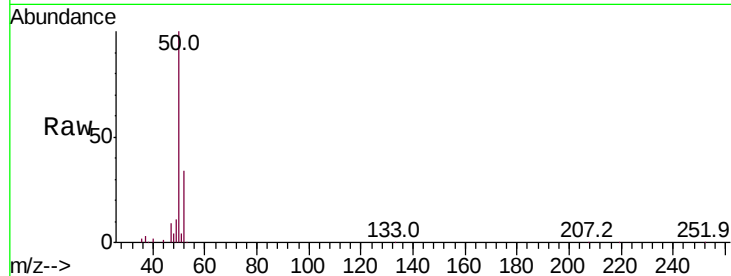
VSTDCCC050EC

Tot Ion: 50 Resp: 171611

Ion Ratio Lower Upper

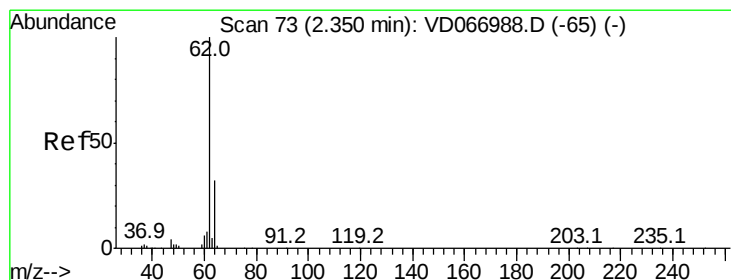
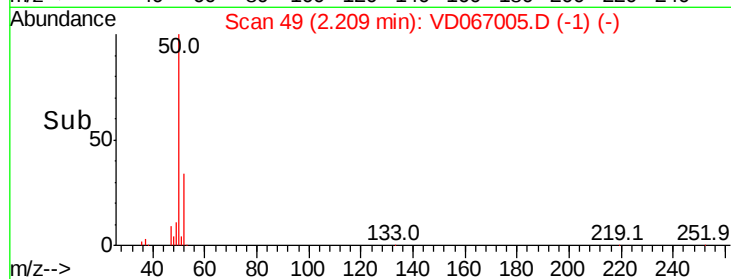
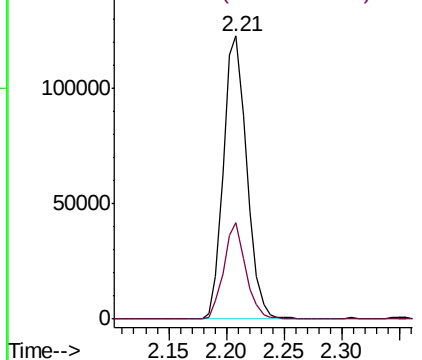
50 100

52 34.1 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 50.509 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067005.D

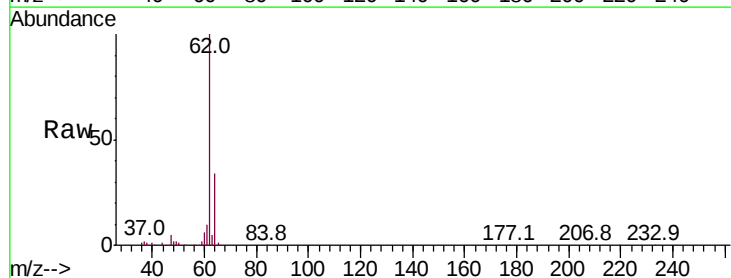
Acq: 01 Oct 2020 20:59

Tgt Ion: 62 Resp: 169782

Ion Ratio Lower Upper

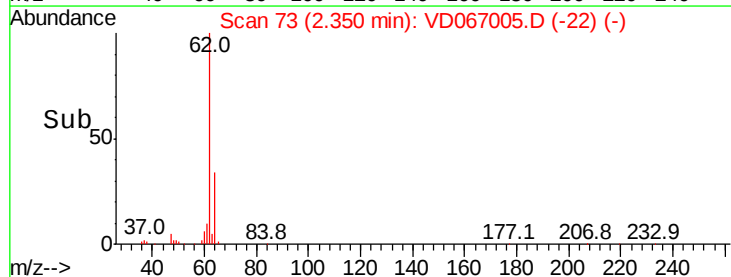
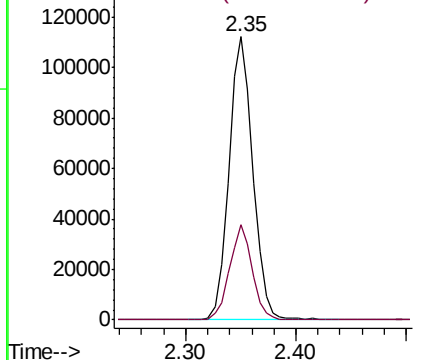
62 100

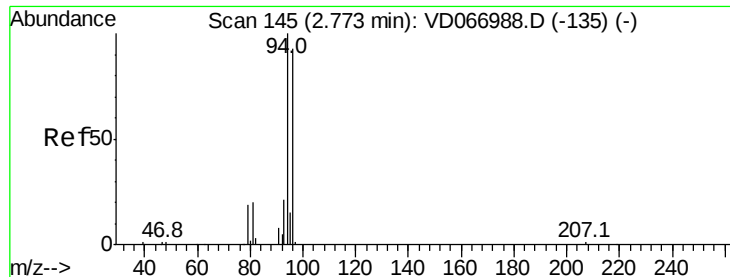
64 33.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 62.158 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

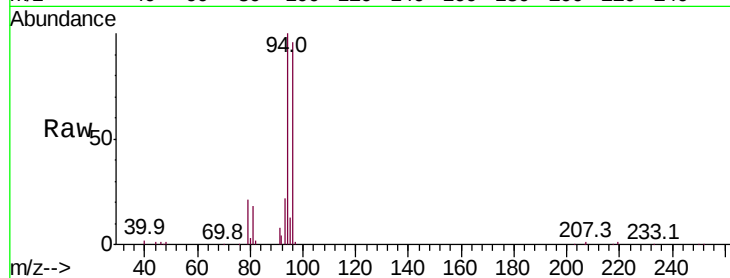
VSTDCCC050EC

Tot Ion: 94 Resp: 132396

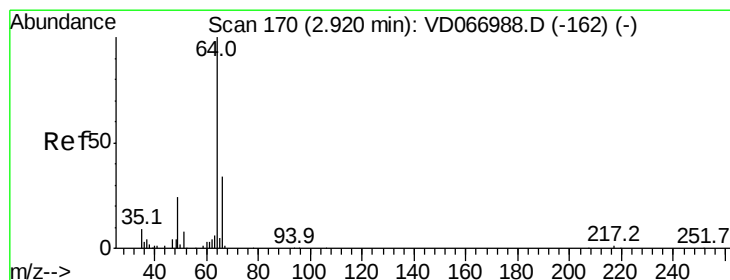
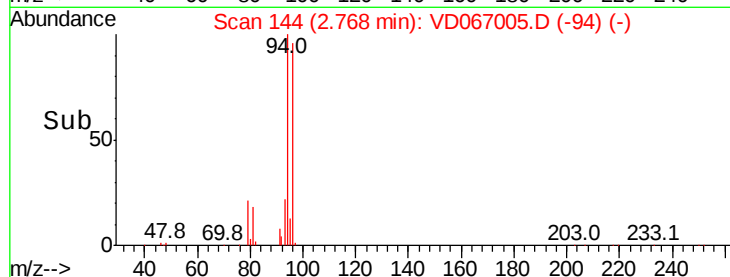
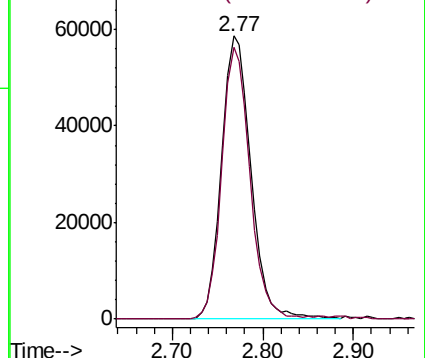
Ion Ratio Lower Upper

94 100

96 96.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 51.518 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067005.D

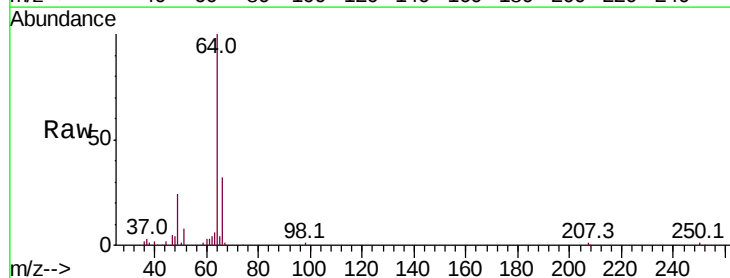
Acq: 01 Oct 2020 20:59

Tgt Ion: 64 Resp: 105461

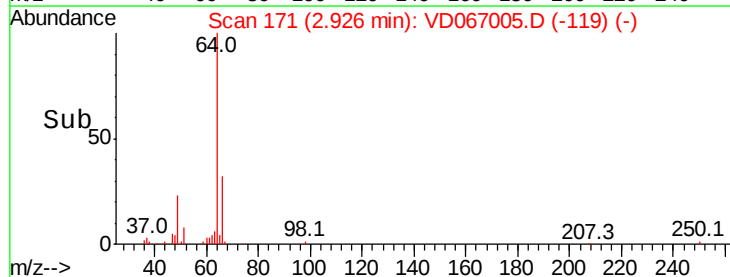
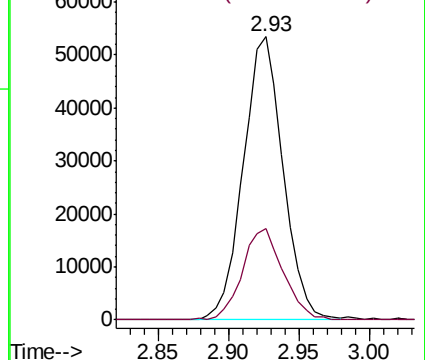
Ion Ratio Lower Upper

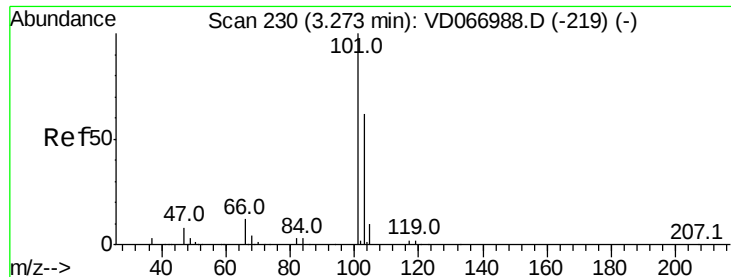
64 100

66 32.1 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



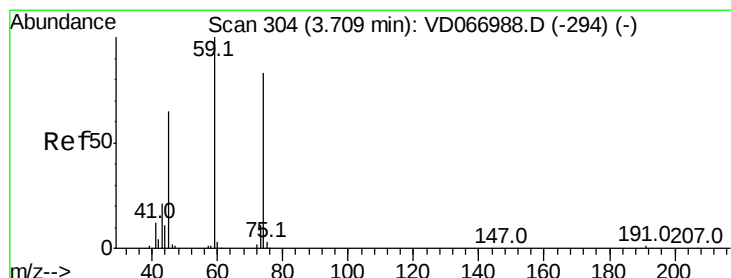
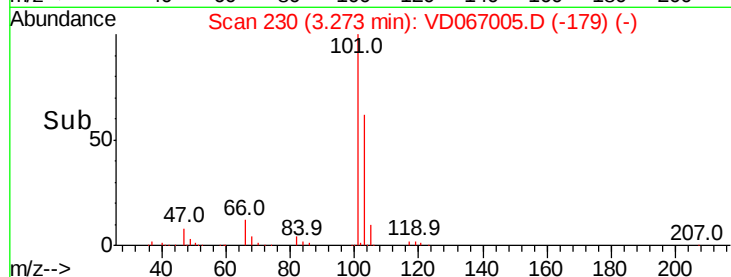
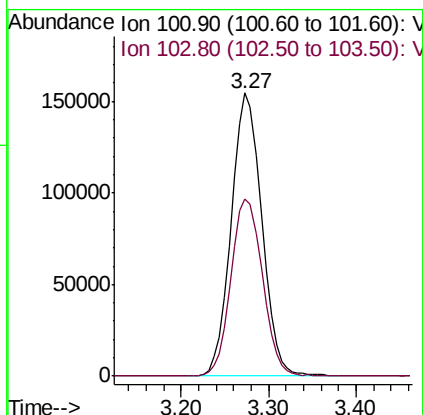
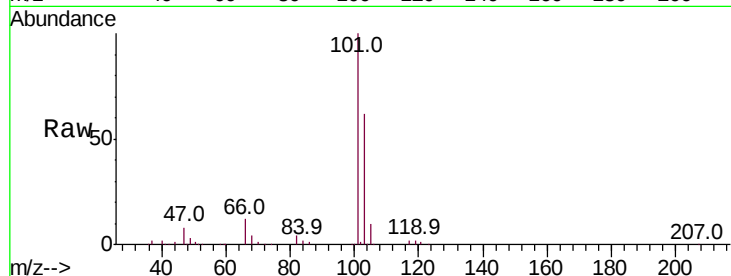


#7

Trichlorofluoromethane
Concen: 49.031 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

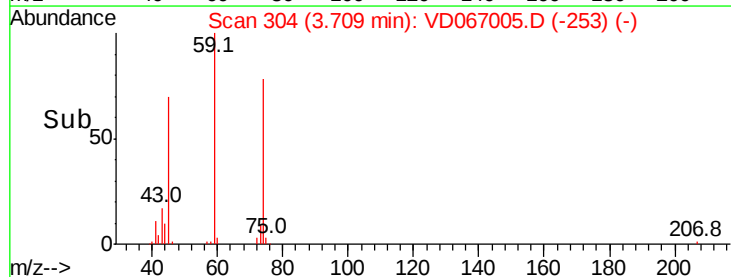
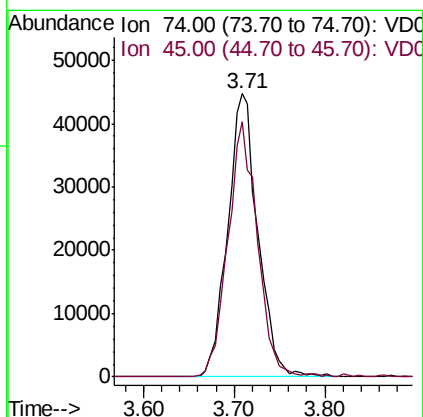
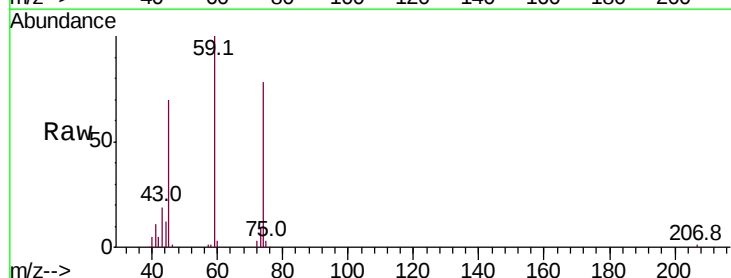
Tot Ion:101 Resp: 366174
Ion Ratio Lower Upper
101 100
103 62.4 49.8 74.8

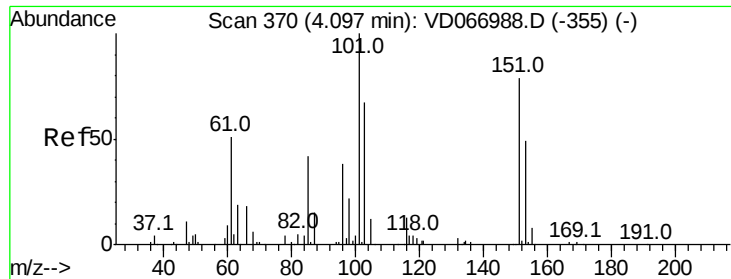


#8

Diethyl Ether
Concen: 56.023 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion: 74 Resp: 103753
Ion Ratio Lower Upper
74 100
45 87.3 43.1 129.3

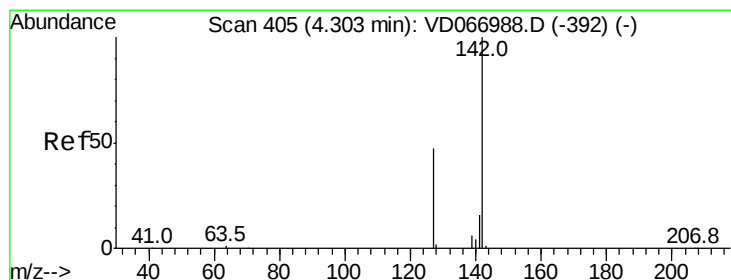
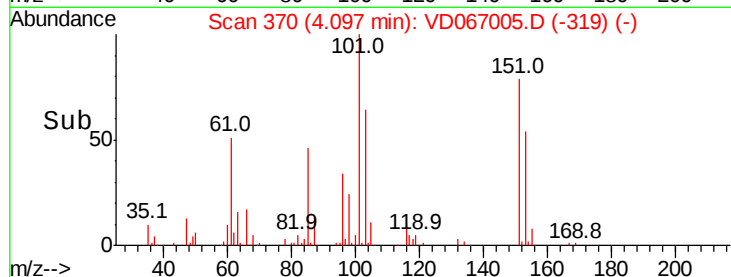
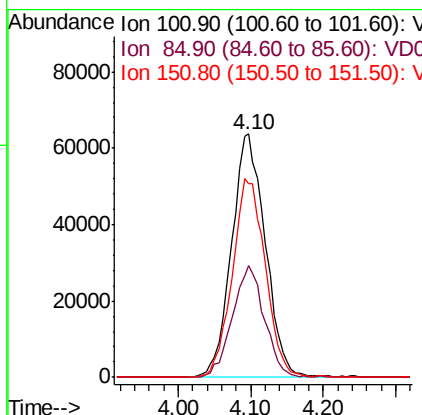
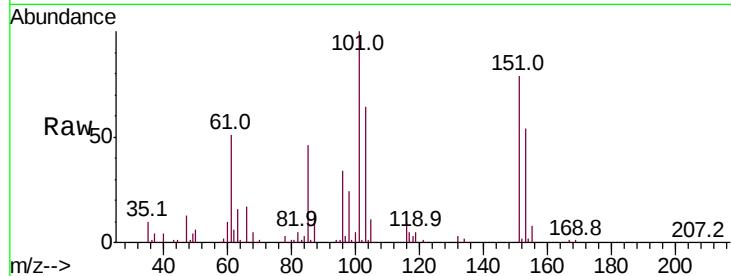




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.642 ug/l
 RT: 4.10 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VD067005.D
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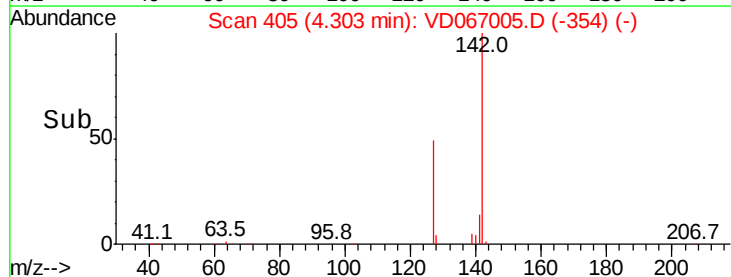
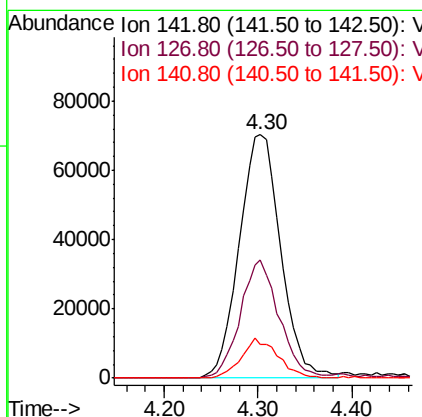
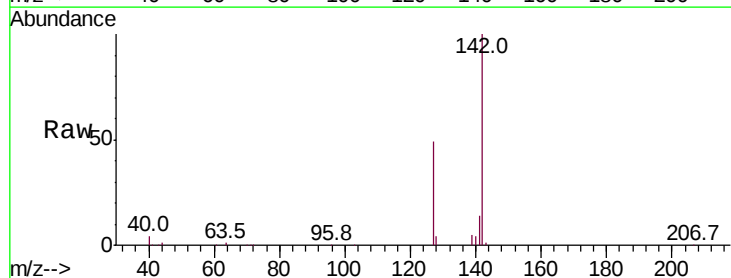
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

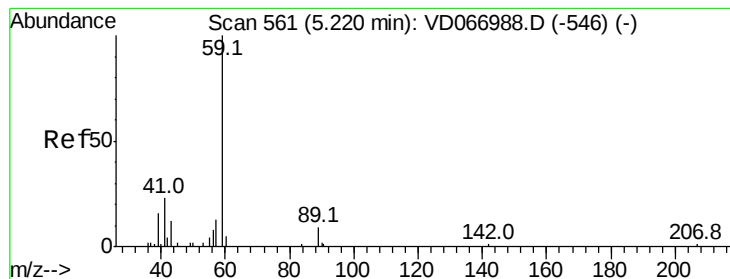
Tot Ion	Ratio	Lower	Upper
101	100		
85	43.6	33.8	50.8
151	79.9	63.8	95.8



#10
 Methyl Iodide
 Concen: 52.440 ug/l
 RT: 4.30 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.4	36.3	54.5
141	14.6	12.0	18.0





#11

Tert butyl alcohol

Concen: 268.758 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

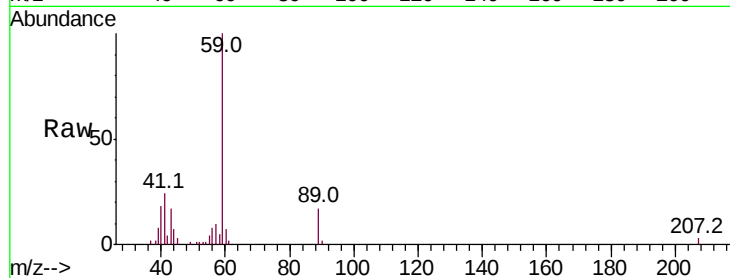
VSTDCCC050EC

Tot Ion: 59 Resp: 62997

Ion Ratio Lower Upper

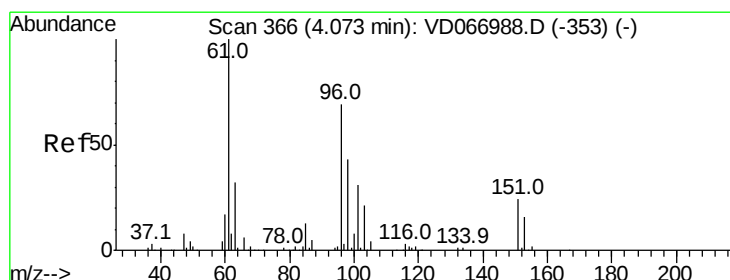
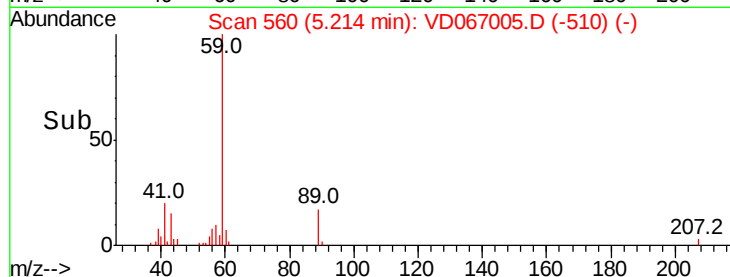
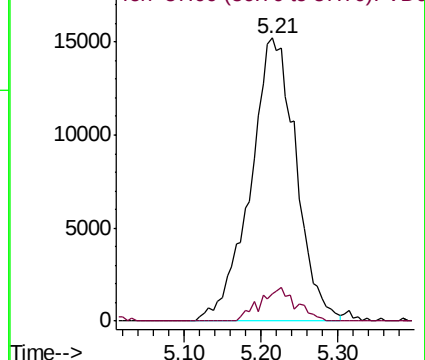
59 100

57 9.4 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 50.250 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

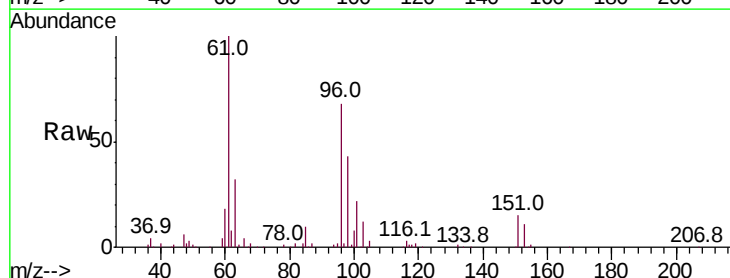
Tgt Ion: 96 Resp: 199399

Ion Ratio Lower Upper

96 100

61 148.0 116.4 174.6

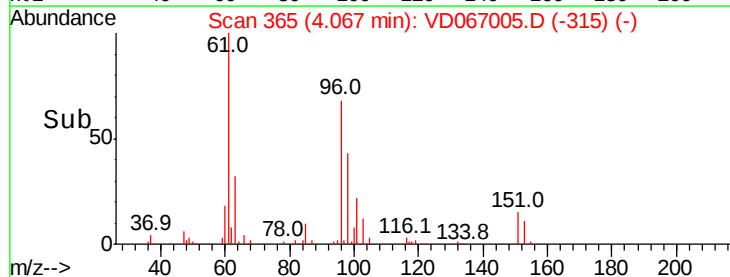
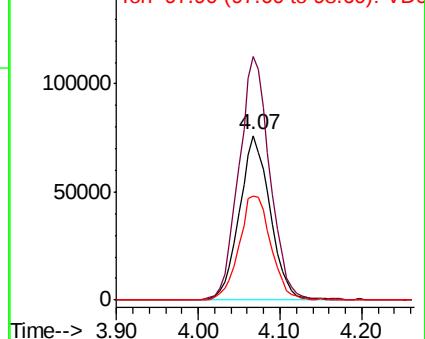
98 63.6 49.9 74.9

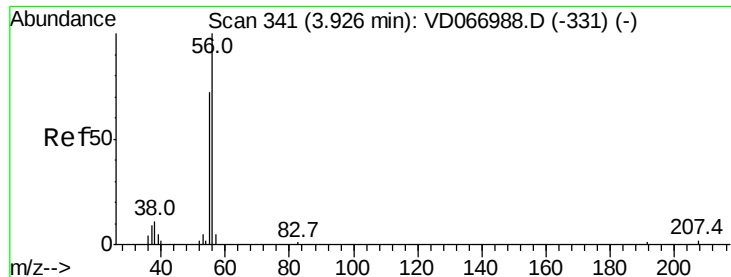


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 232.013 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

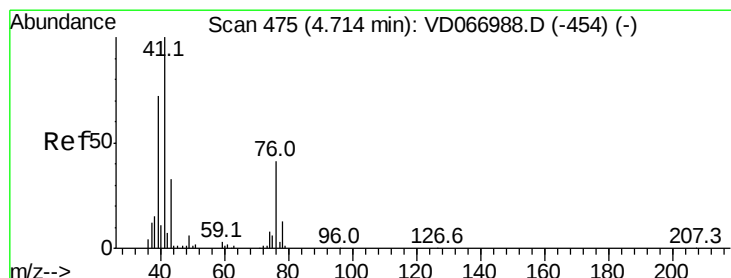
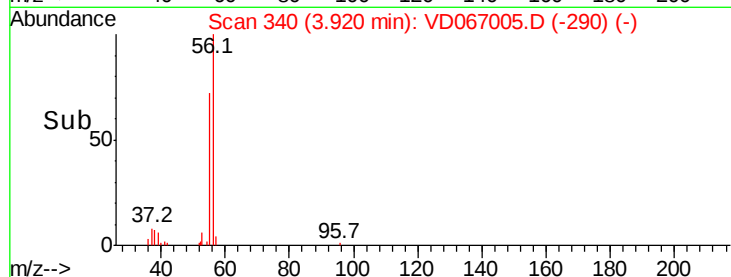
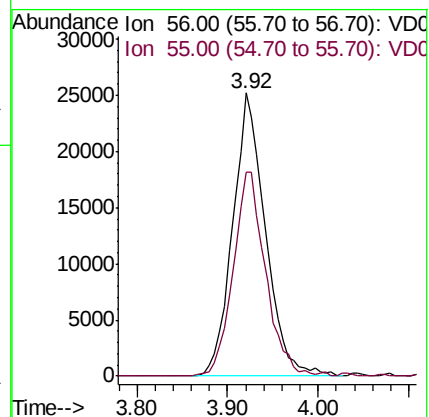
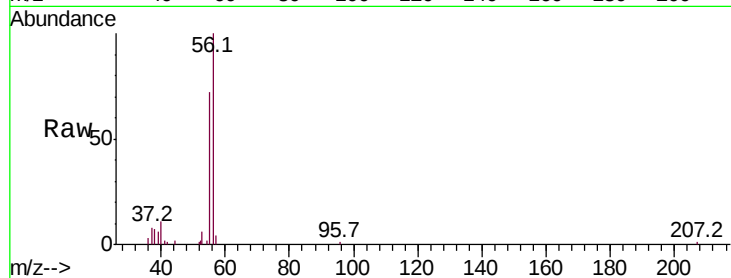
VSTDCCC050EC

Tot Ion: 56 Resp: 62990

Ion Ratio Lower Upper

56 100

55 71.9 56.9 85.3



#14

Allyl chloride

Concen: 55.032 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

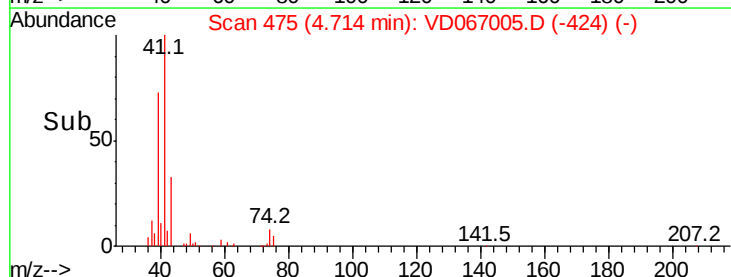
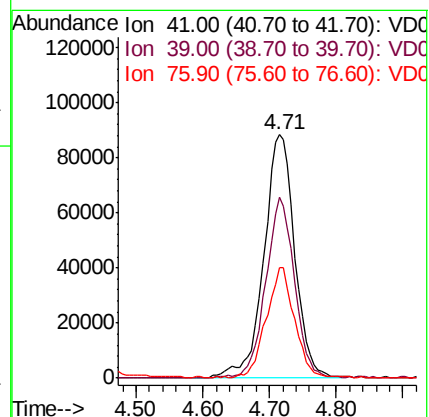
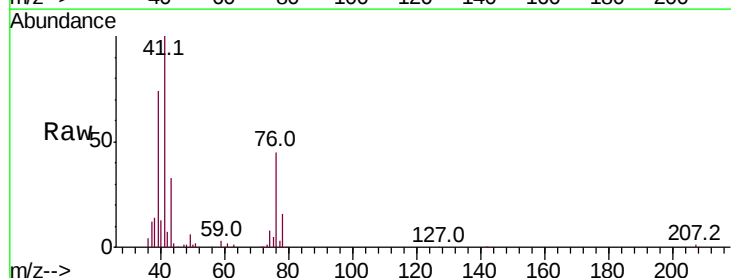
Tgt Ion: 41 Resp: 283691

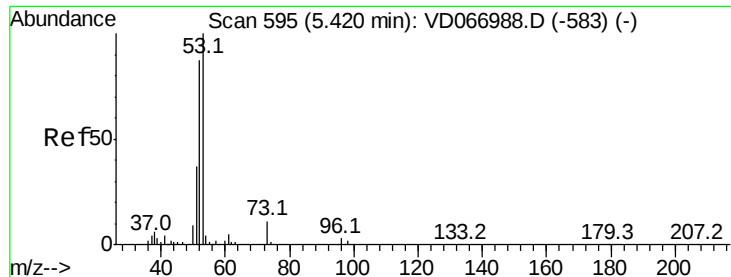
Ion Ratio Lower Upper

41 100

39 69.3 56.2 84.2

76 41.9 34.2 51.2





#15

Acrylonitrile

Concen: 276.860 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

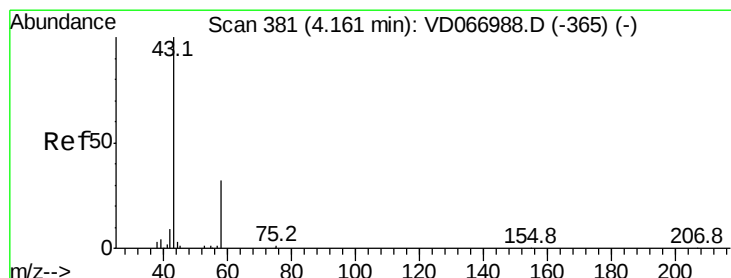
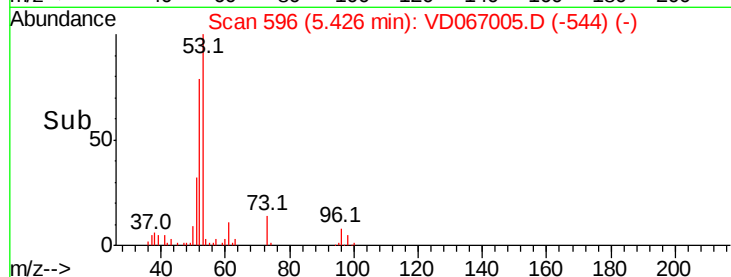
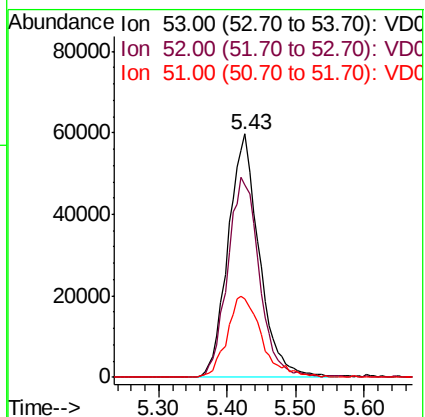
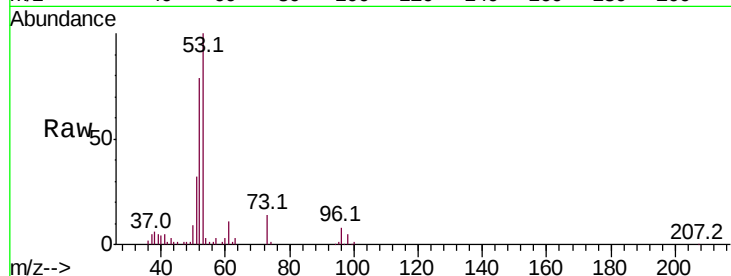
Tot Ion: 53 Resp: 188709

Ion Ratio Lower Upper

53 100

52 83.1 67.3 100.9

51 36.8 30.2 45.2



#16

Acetone

Concen: 251.082 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067005.D

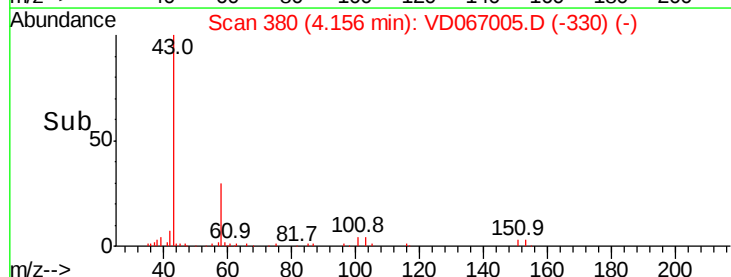
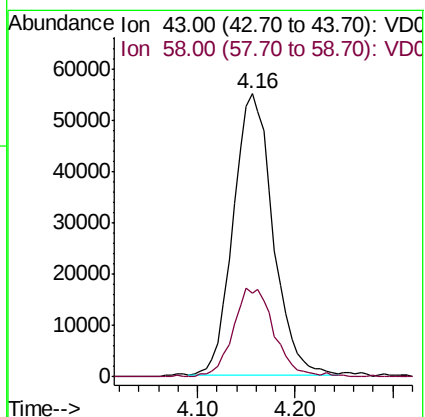
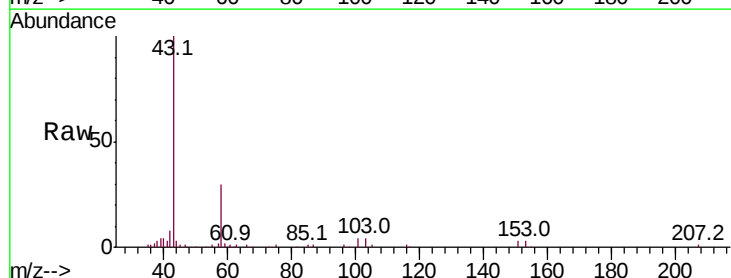
Acq: 01 Oct 2020 20:59

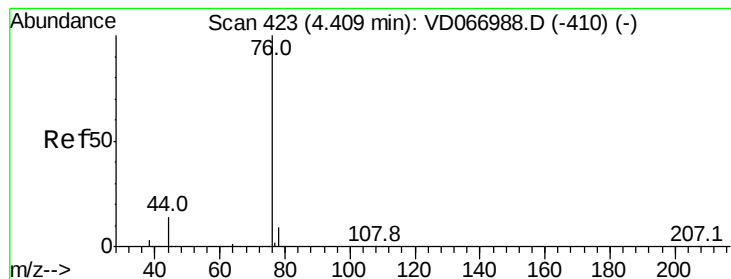
Tgt Ion: 43 Resp: 155403

Ion Ratio Lower Upper

43 100

58 29.5 25.9 38.9





#17

Carbon Disulfide

Concen: 52.284 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

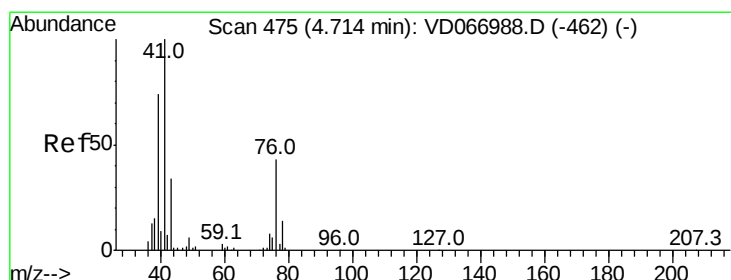
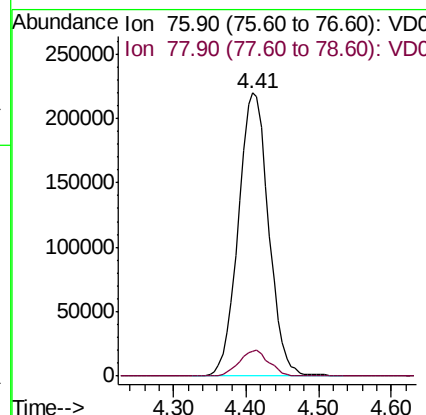
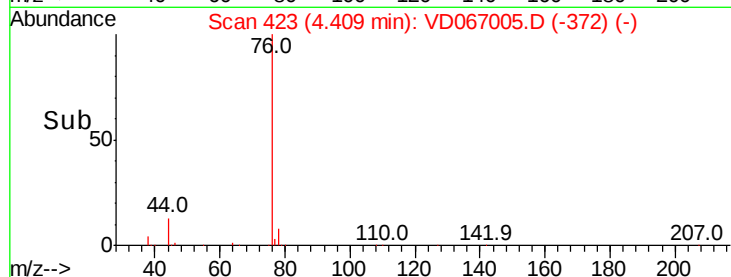
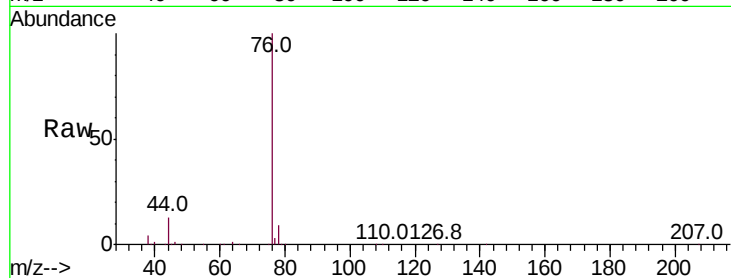
VSTDCCC050EC

Tot Ion: 76 Resp: 636717

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3



#18

Methyl Acetate

Concen: 58.493 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067005.D

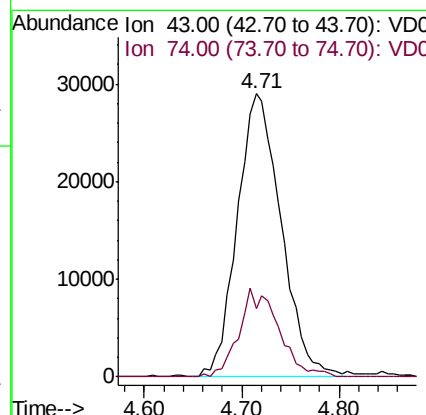
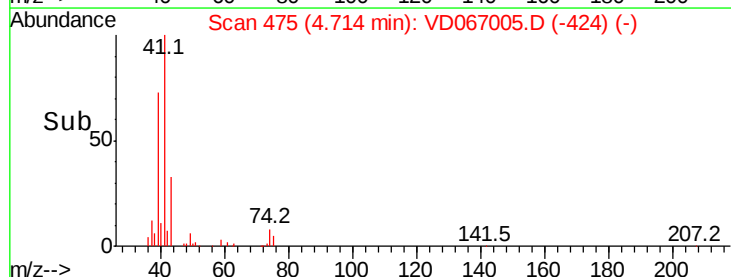
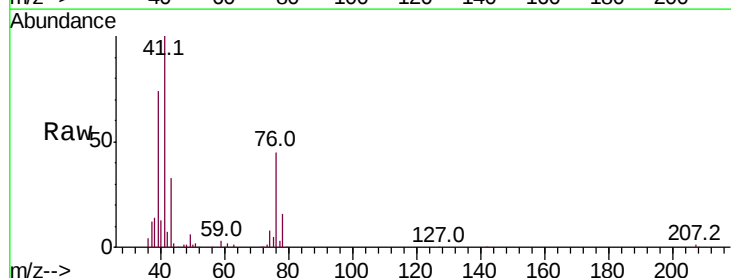
Acq: 01 Oct 2020 20:59

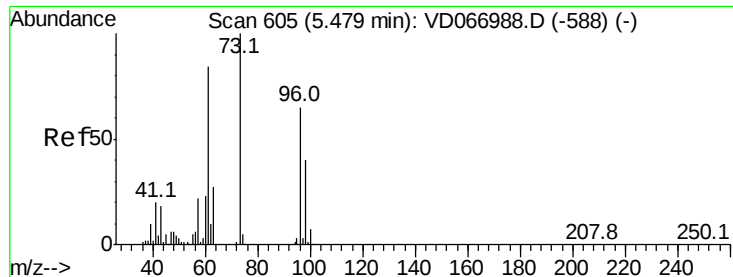
Tgt Ion: 43 Resp: 90992

Ion Ratio Lower Upper

43 100

74 28.3 21.5 32.3



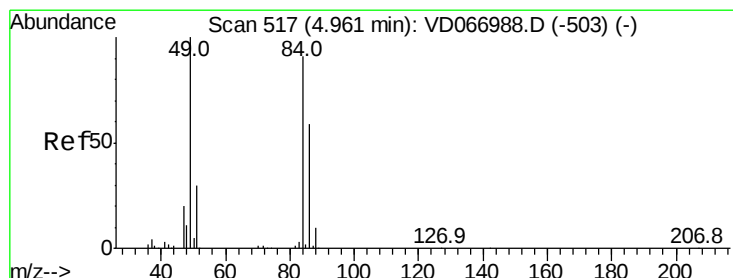
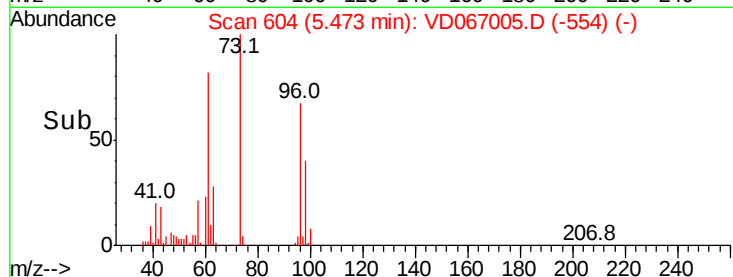
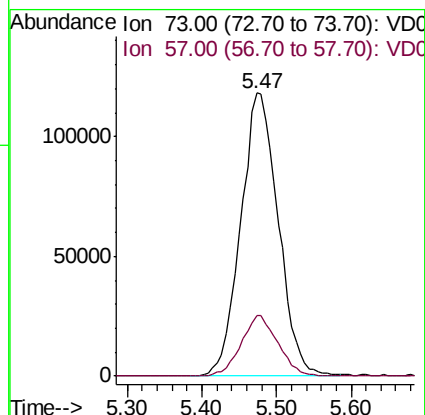
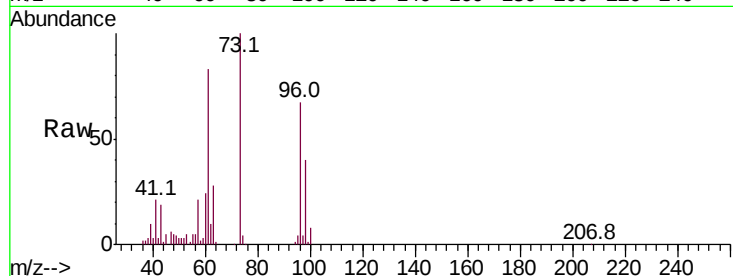


#19

Methyl tert-butyl Ether
 Concen: 56.975 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

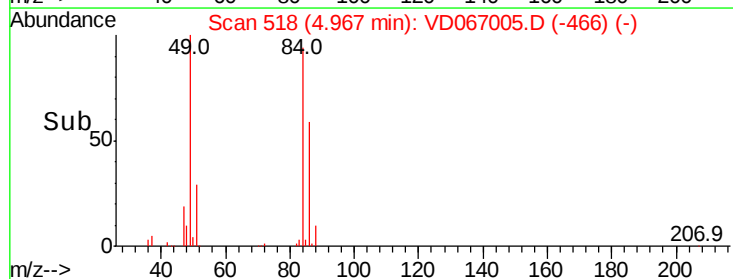
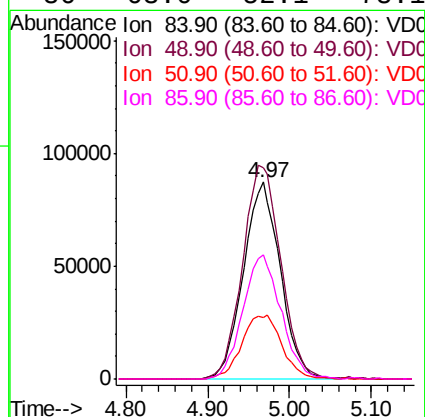
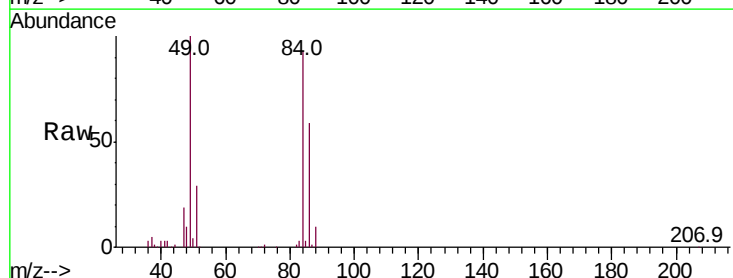
Tot Ion: 73 Resp: 412724
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.4 26.0

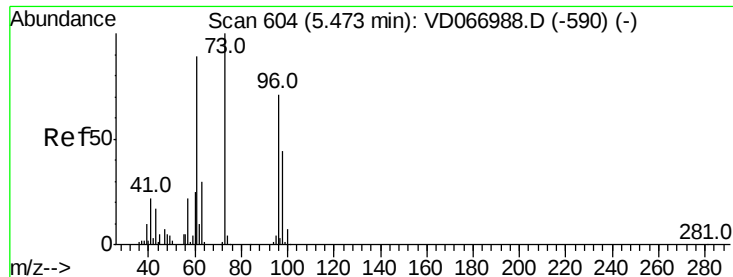


#20

Methylene Chloride
 Concen: 64.499 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion: 84 Resp: 274024
 Ion Ratio Lower Upper
 84 100
 49 107.1 88.2 132.2
 51 31.4 26.6 39.8
 86 63.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 53.297 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

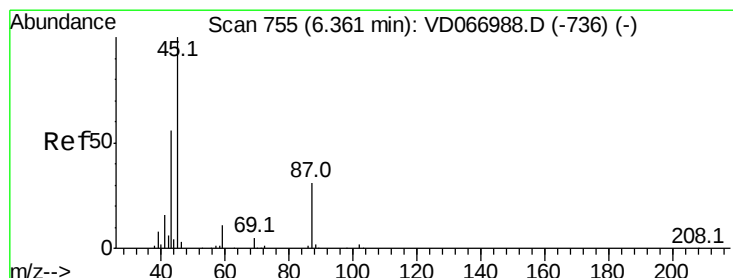
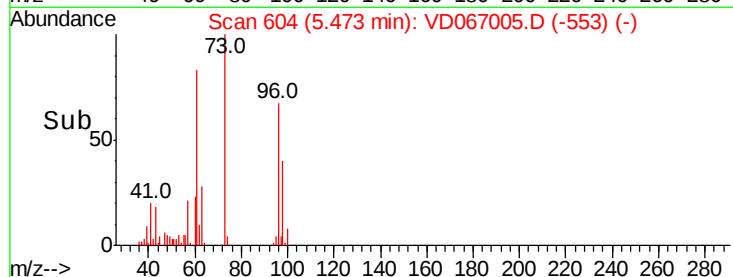
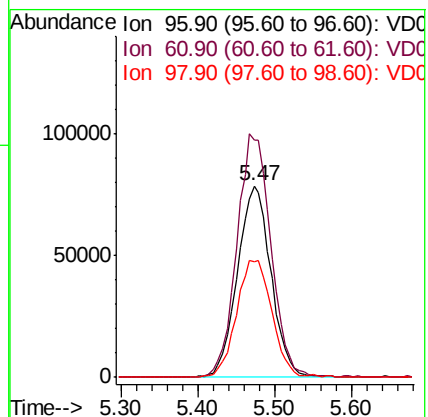
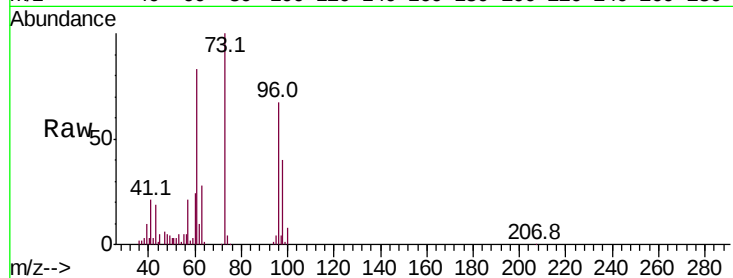
Tot Ion: 96 Resp: 240689

Ion Ratio Lower Upper

96 100

61 124.0 99.6 149.4

98 60.0 49.4 74.2



#22

Diisopropyl ether

Concen: 57.886 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Tgt Ion: 45 Resp: 544781

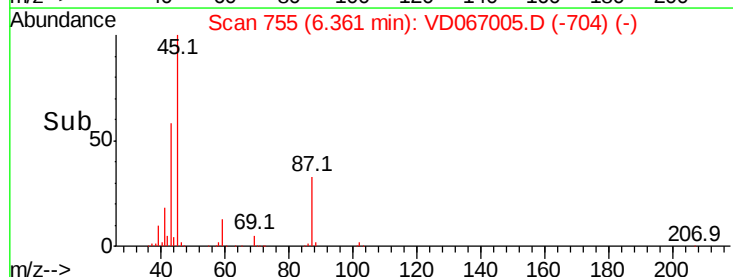
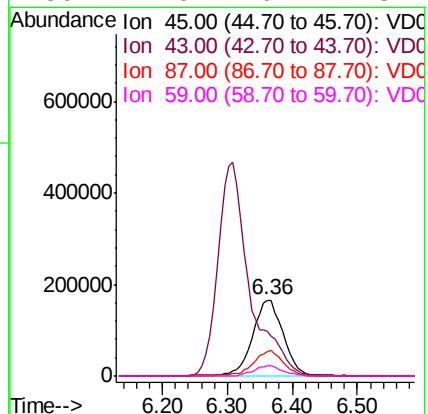
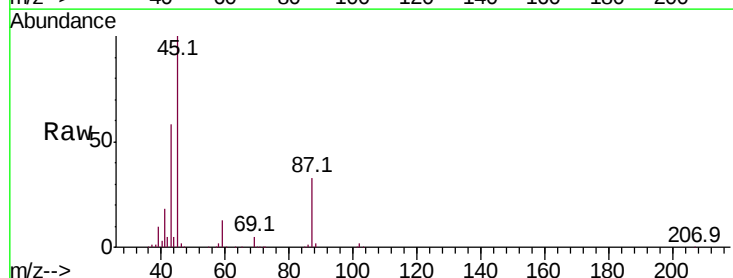
Ion Ratio Lower Upper

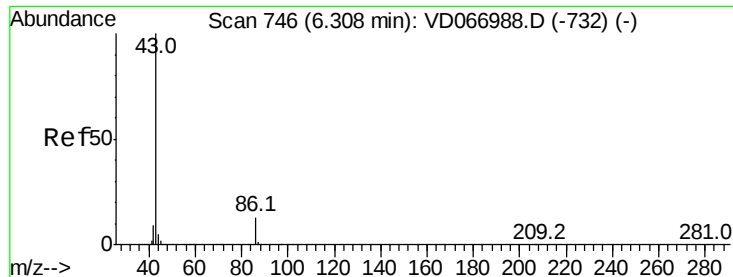
45 100

43 57.5 45.2 67.8

87 32.7 25.6 38.4

59 12.9 9.1 13.7





#23

Vinyl Acetate

Concen: 295.610 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleID :

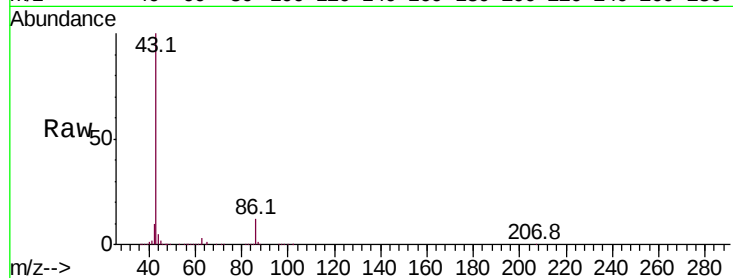
VSTDCCC050EC

Tot Ion: 43 Resp: 1576492

Ion Ratio Lower Upper

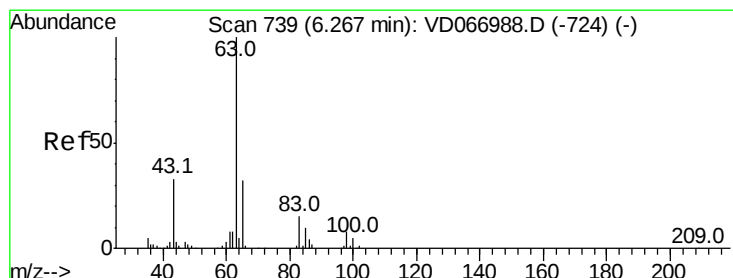
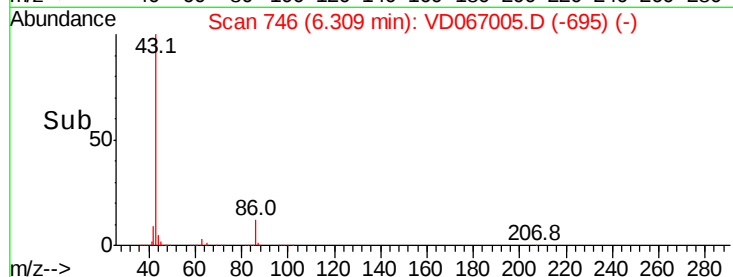
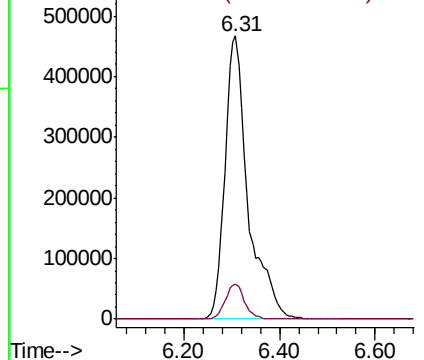
43 100

86 12.5 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 54.819 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

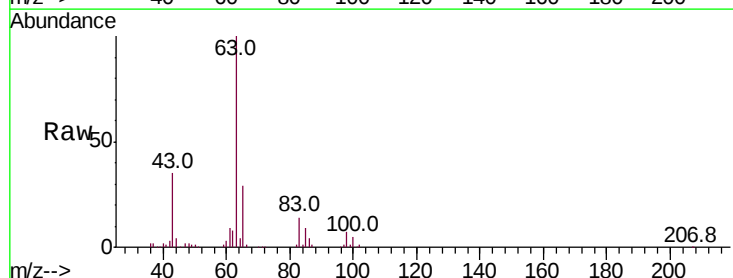
Tgt Ion: 63 Resp: 398159

Ion Ratio Lower Upper

63 100

98 7.4 4.2 12.6

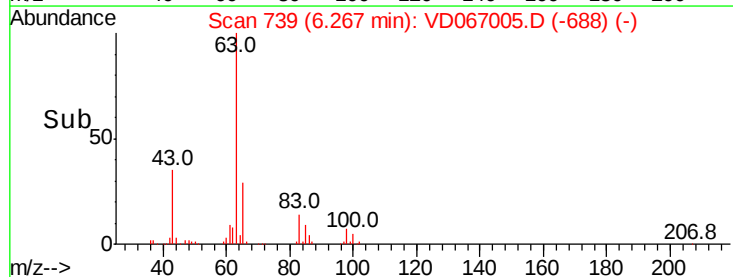
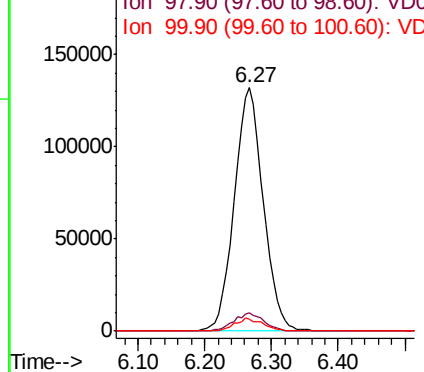
100 4.7 2.6 7.8

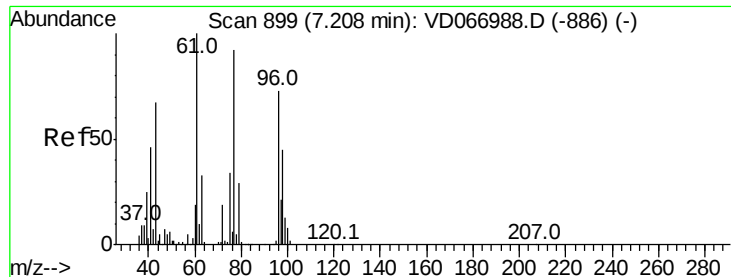


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 271.869 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

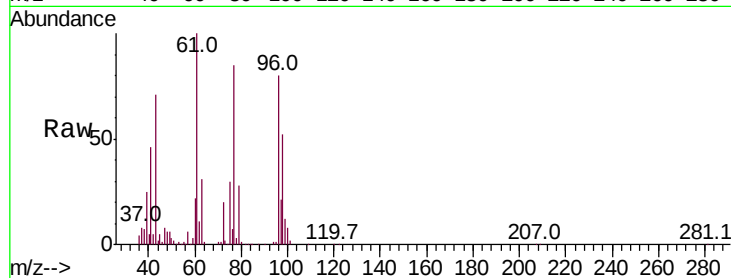
VSTDCCC050EC

Tot Ion: 43 Resp: 238567

Ion Ratio Lower Upper

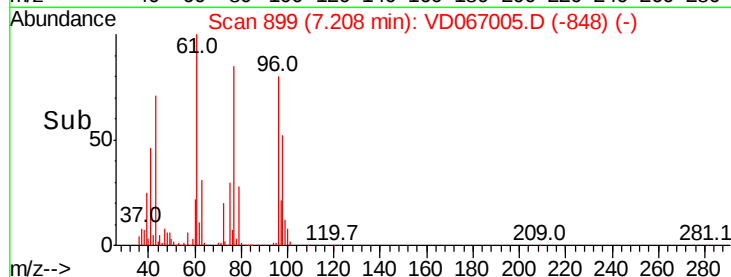
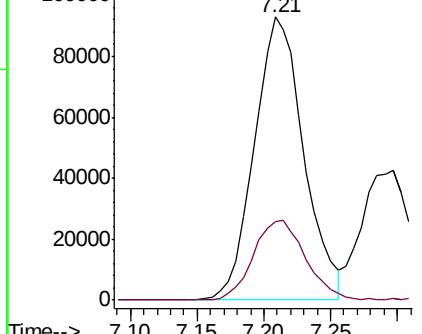
43 100

72 27.9 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 51.912 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067005.D

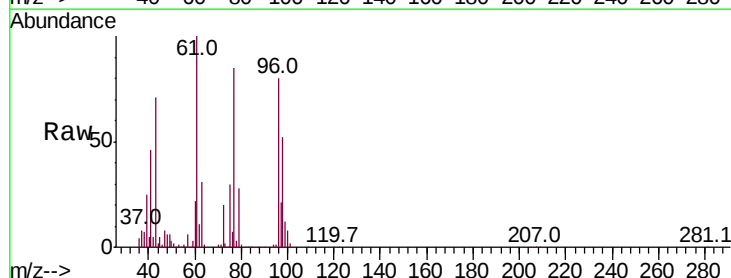
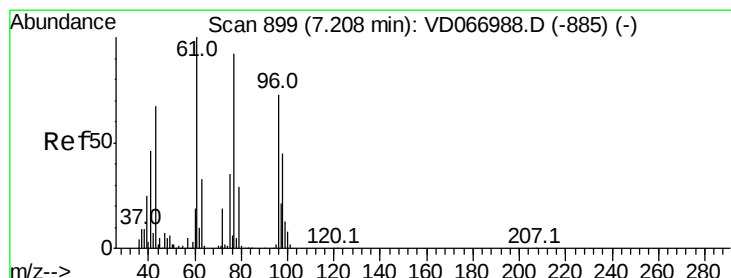
Acq: 01 Oct 2020 20:59

Tgt Ion: 77 Resp: 321427

Ion Ratio Lower Upper

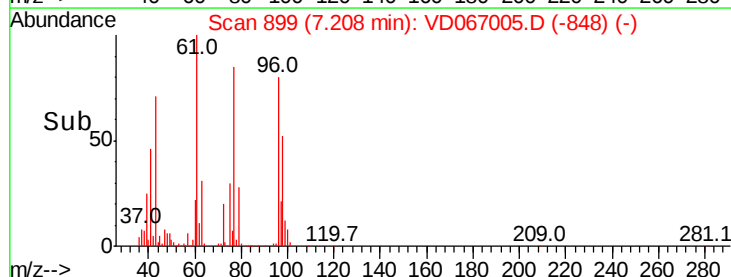
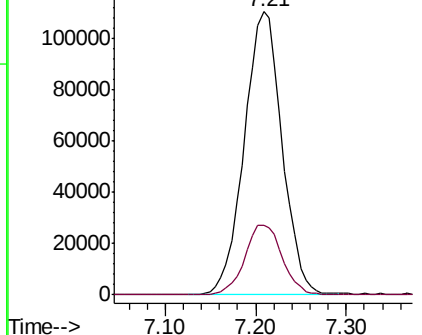
77 100

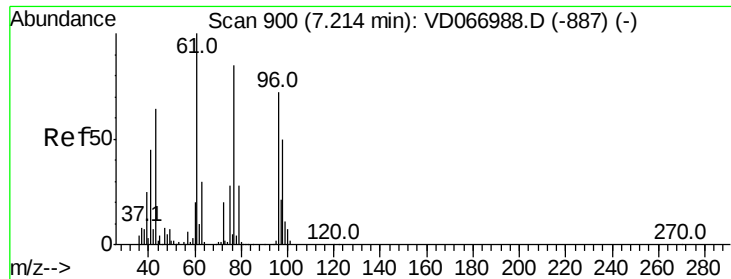
97 24.5 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



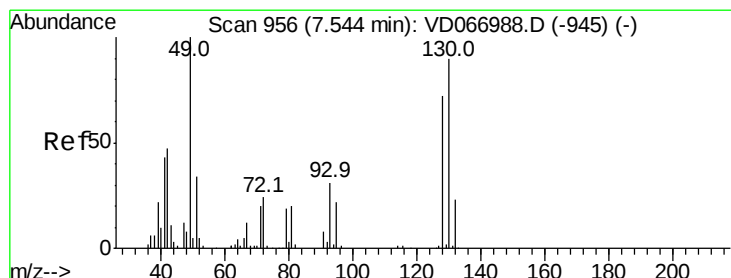
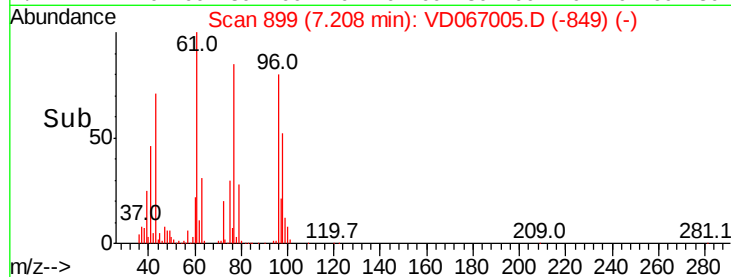
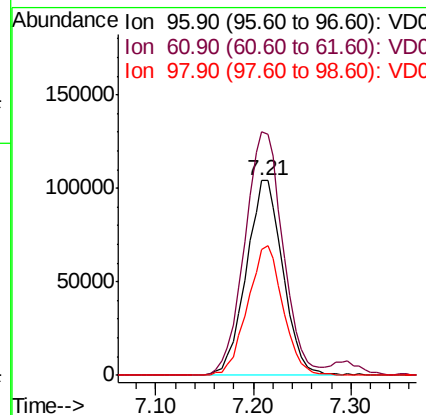
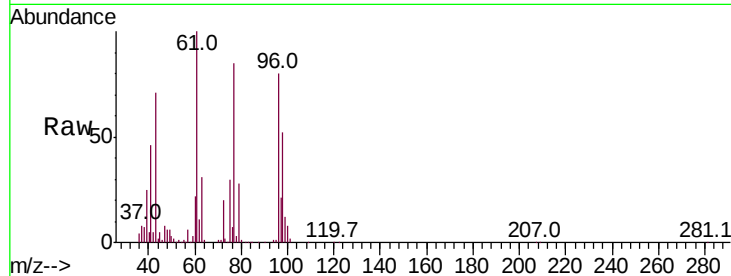


#27

cis-1,2-Dichloroethene
 Concen: 56.644 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

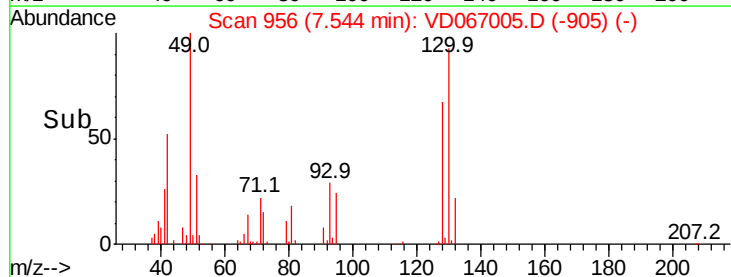
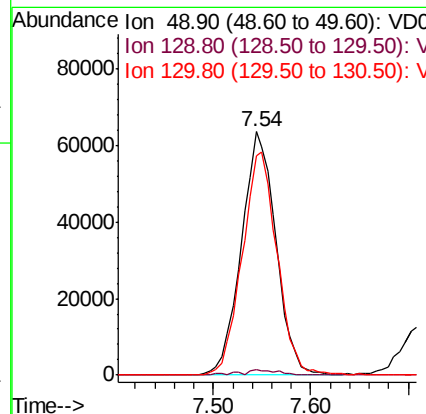
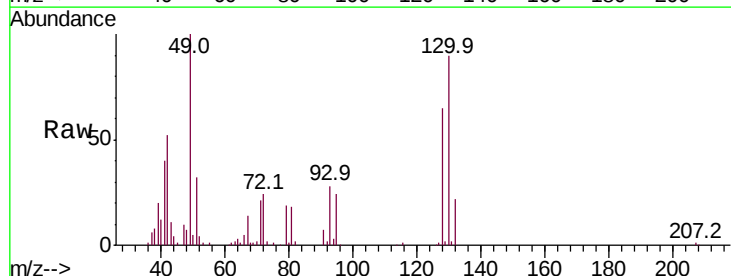
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	269.2
98	64.6	0.0	129.4

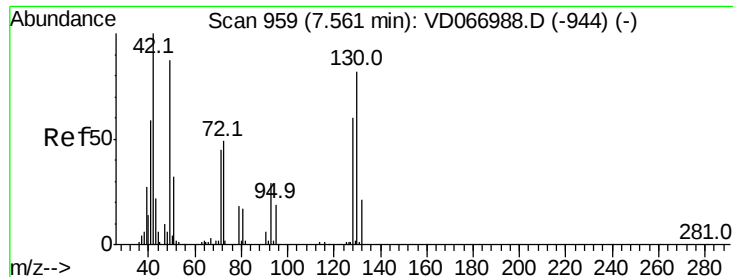


#28

Bromochloromethane
 Concen: 55.691 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	92.7	74.1	111.1

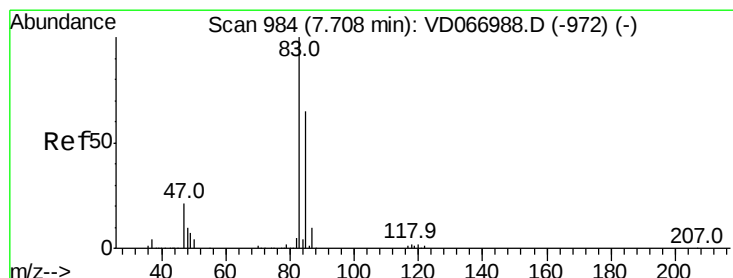
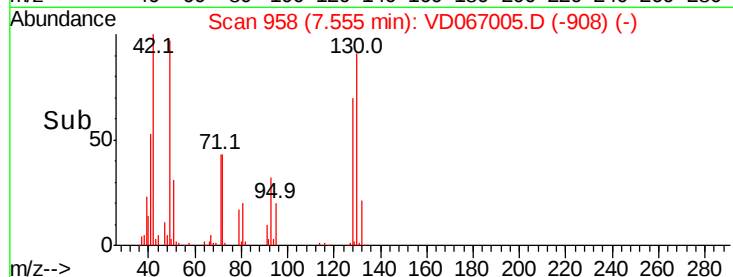
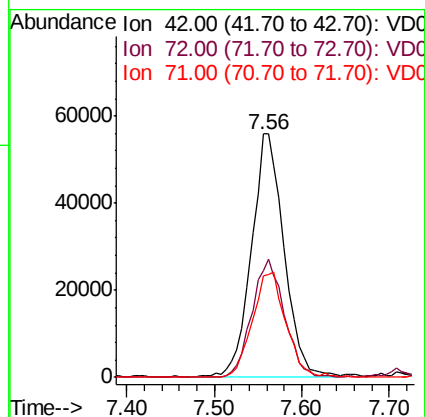
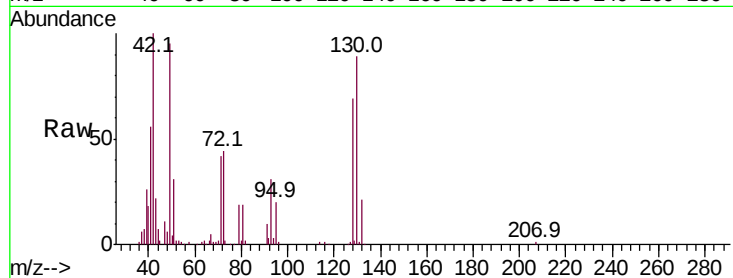




#29
Tetrahydrofuran
Concen: 283.783 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

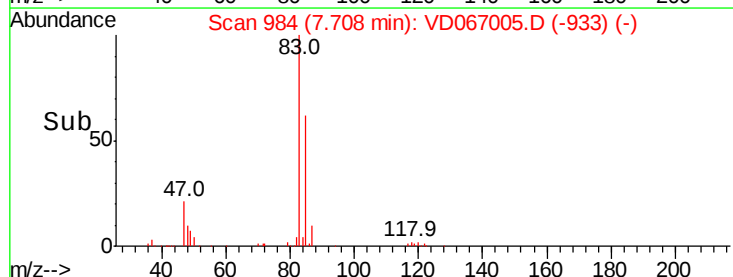
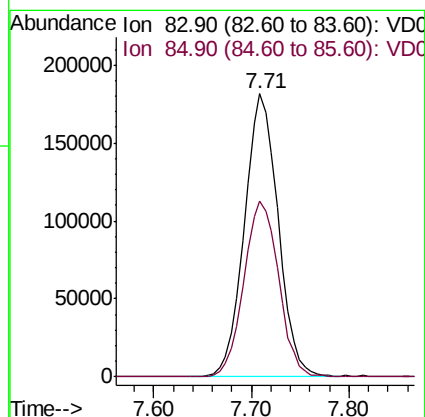
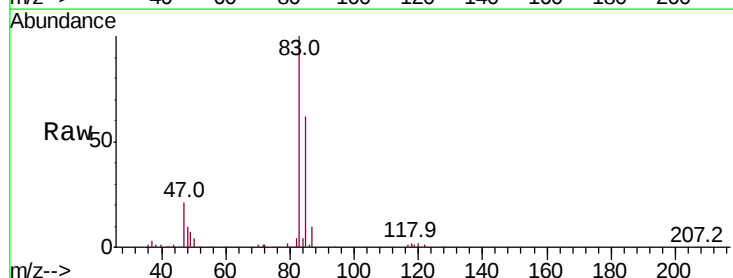
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

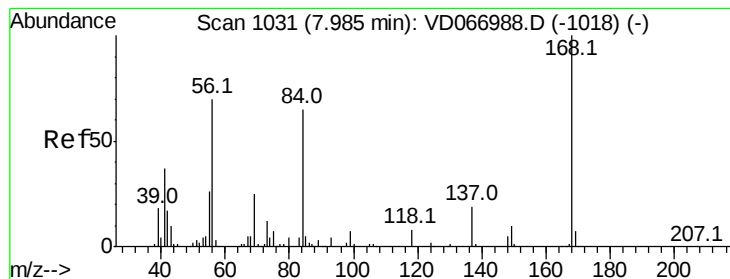
Tot Ion: 42 Resp: 143185
Ion Ratio Lower Upper
42 100
72 48.4 39.1 58.7
71 43.8 34.2 51.4



#30
Chloroform
Concen: 55.529 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion: 83 Resp: 437508
Ion Ratio Lower Upper
83 100
85 62.0 52.3 78.5





#31

Cyclohexane

Concen: 48.252 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

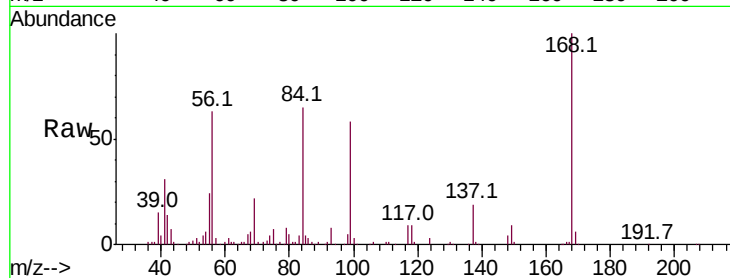
Tot Ion: 56 Resp: 293814

Ion Ratio Lower Upper

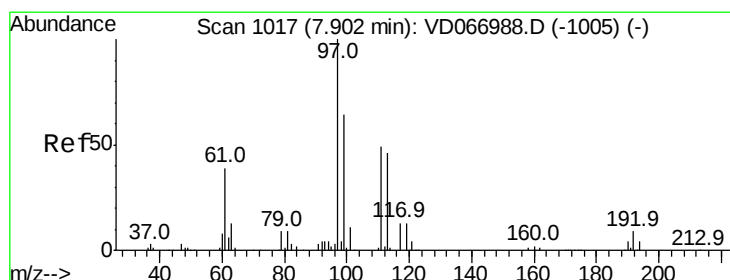
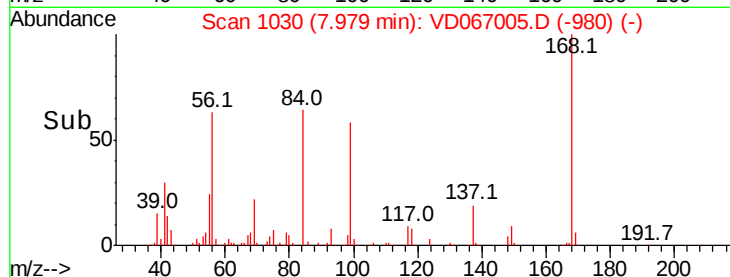
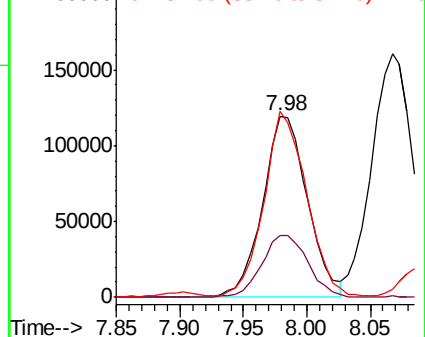
56 100

69 34.4 29.0 43.6

84 100.7 74.2 111.2



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



#32

1,1,1-Trichloroethane

Concen: 52.571 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

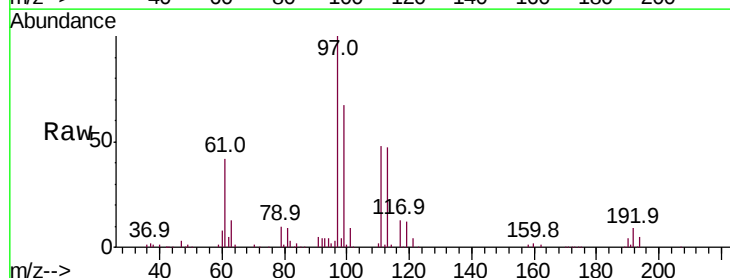
Tgt Ion: 97 Resp: 383866

Ion Ratio Lower Upper

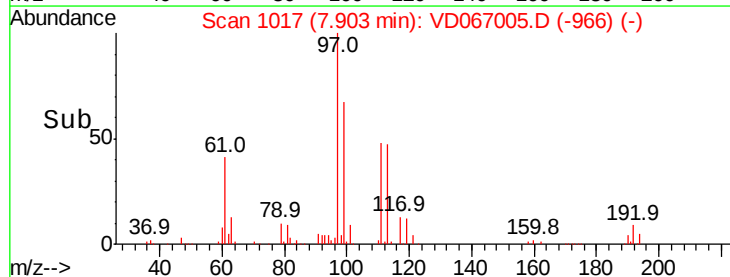
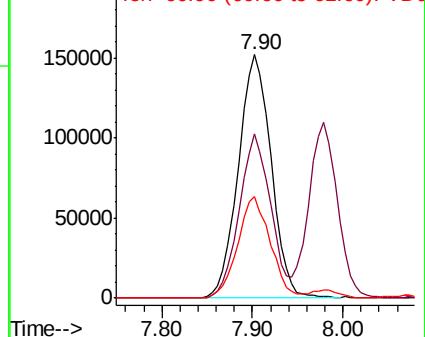
97 100

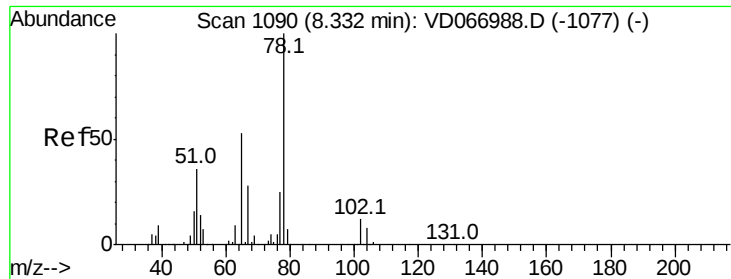
99 65.0 52.6 78.8

61 41.4 32.8 49.2



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





#33

1,2-Dichloroethane-d4

Concen: 53.655 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

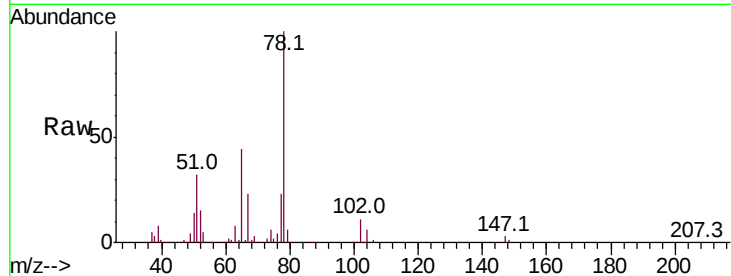
VSTDCCC050EC

Tot Ion: 65 Resp: 217548

Ion Ratio Lower Upper

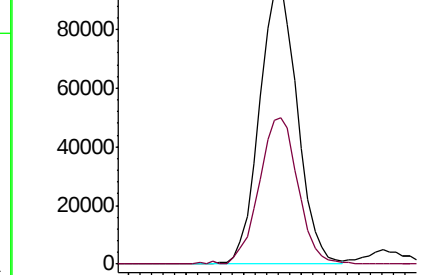
65 100

67 53.7 0.0 106.8

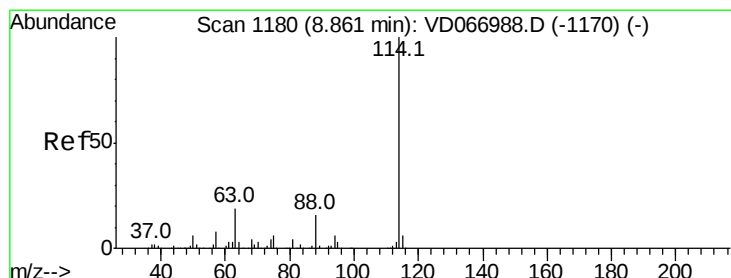
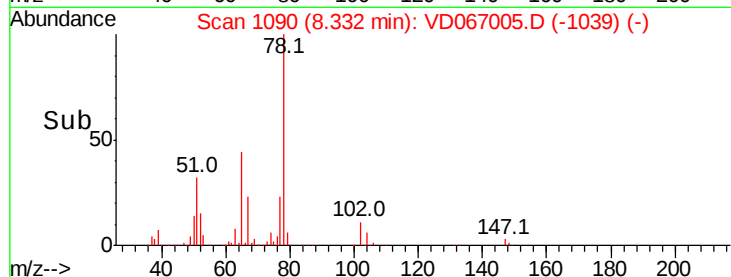


Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



Time--> 8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

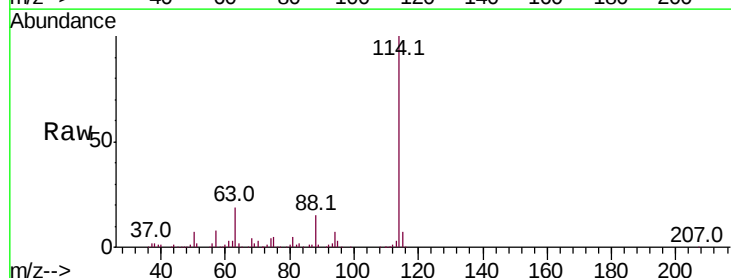
Tgt Ion: 114 Resp: 685798

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

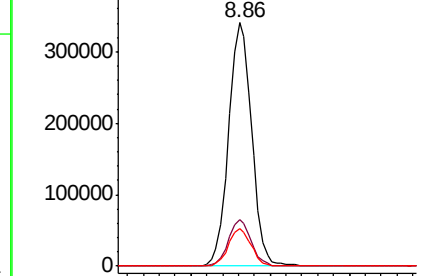
88 15.4 0.0 31.2



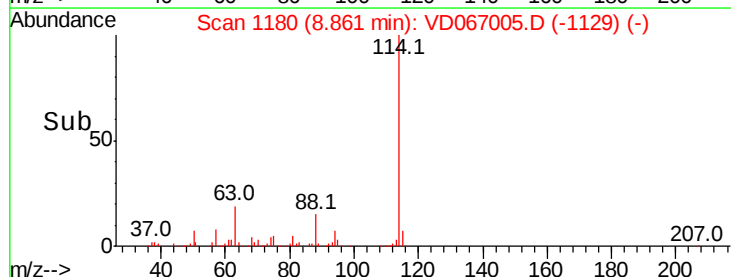
Abundance Ion 113.90 (113.60 to 114.60): V

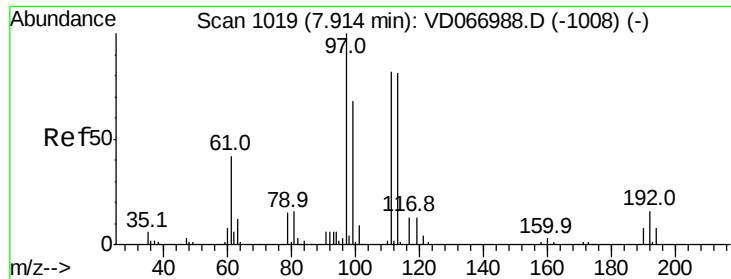
Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



Time--> 8.80 8.90 9.00

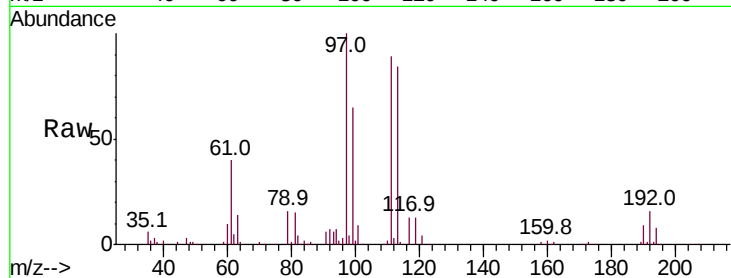




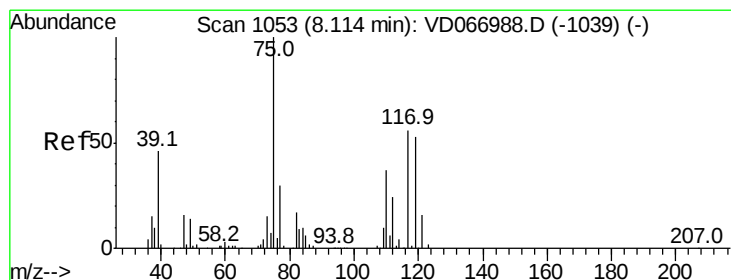
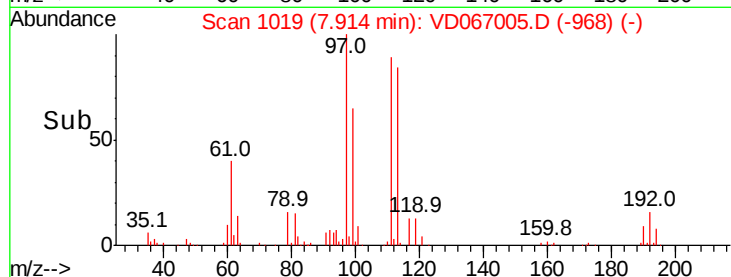
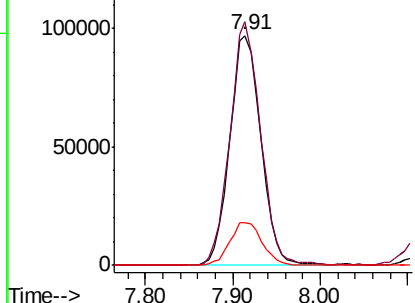
#35
Dibromofluoromethane
Concen: 52.010 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.0	124.4
192	19.5	15.5	23.3

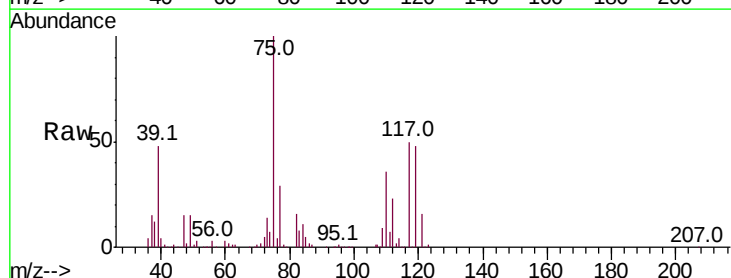


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

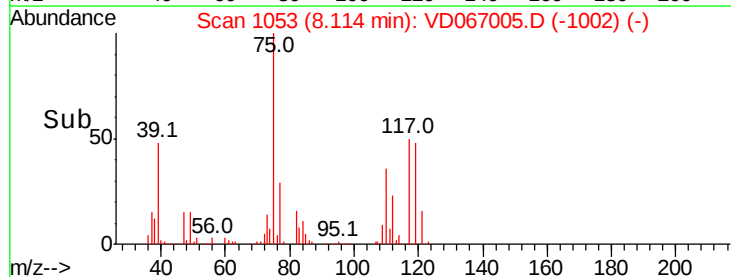
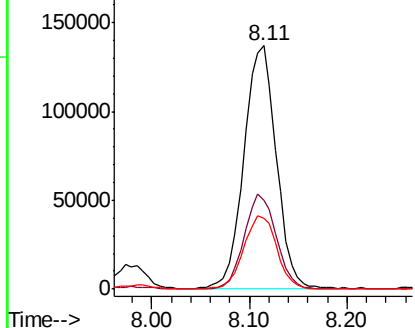


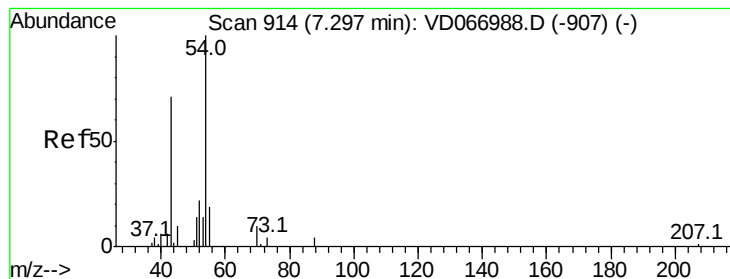
#36
1,1-Dichloropropene
Concen: 49.433 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	18.4	55.0
77	31.0	24.8	37.2



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





#37

Ethyl Acetate

Concen: 51.996 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

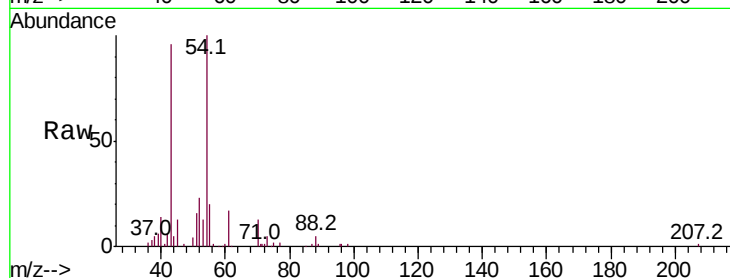
Tot Ion: 43 Resp: 115146

Ion Ratio Lower Upper

43 100

61 13.9 12.5 18.7

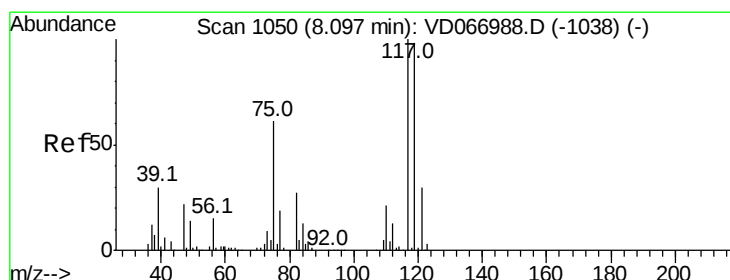
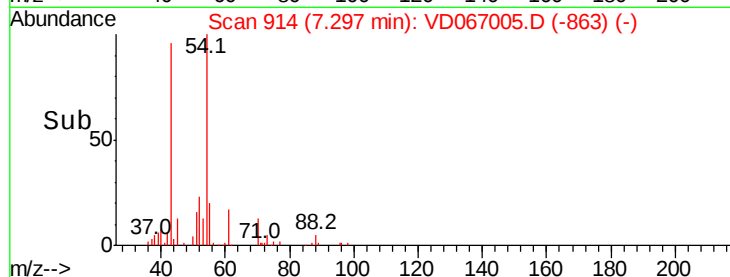
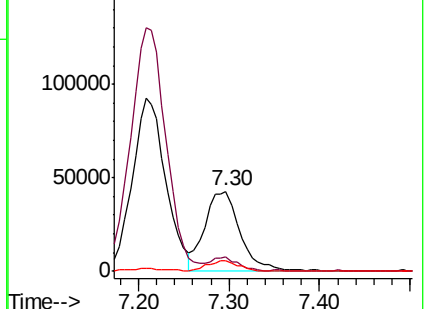
70 12.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 49.714 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

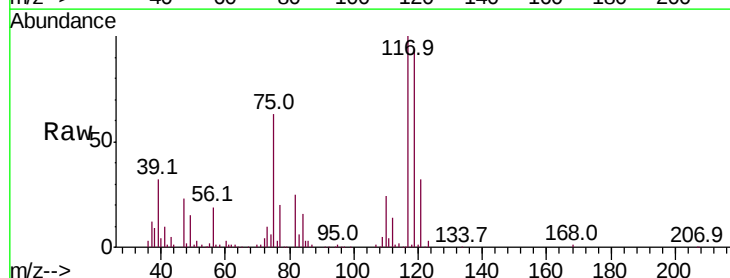
Tgt Ion: 117 Resp: 343848

Ion Ratio Lower Upper

117 100

119 94.4 78.7 118.1

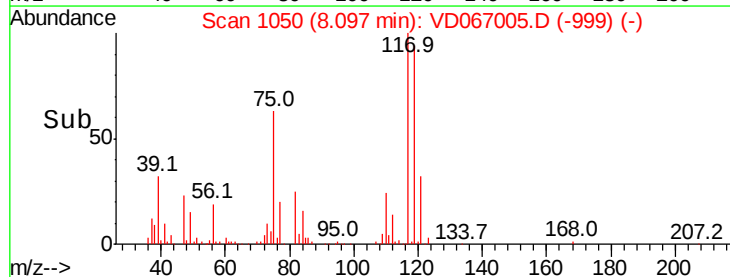
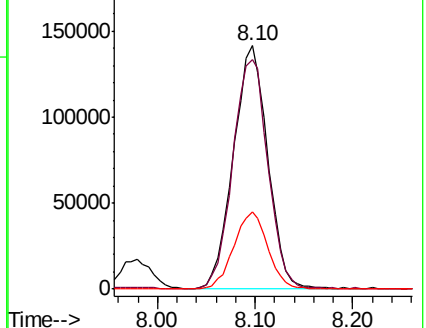
121 31.9 24.2 36.2

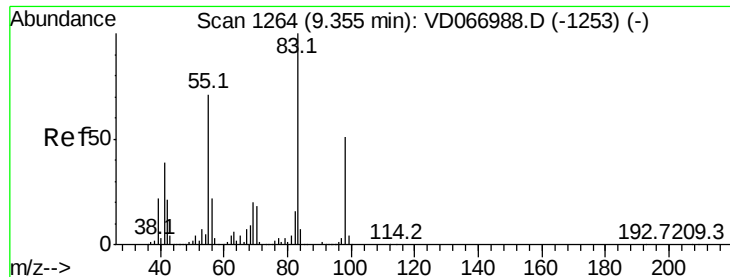


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

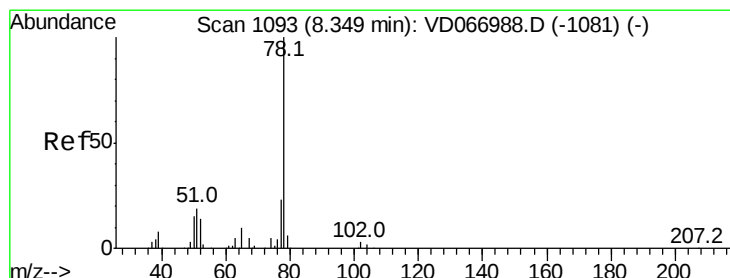
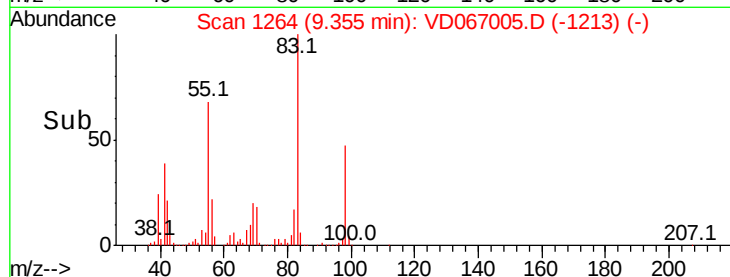
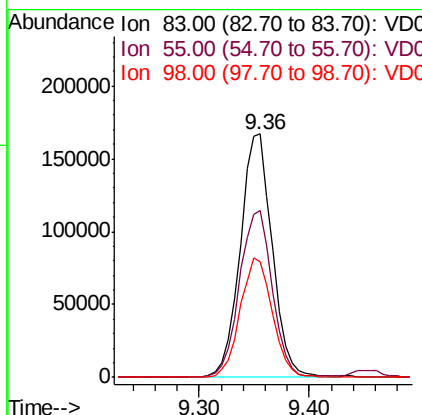
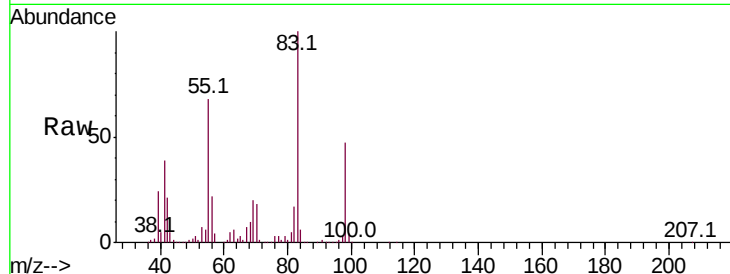




#39
Methvlcvclohexane
Concen: 50.357 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

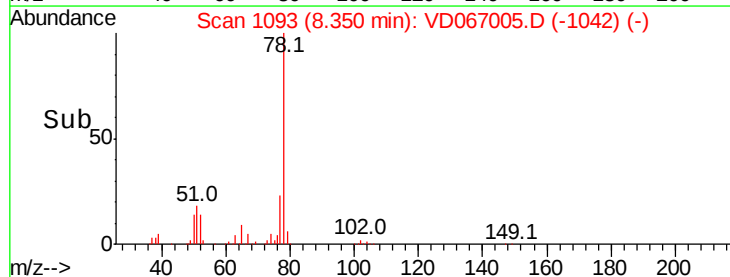
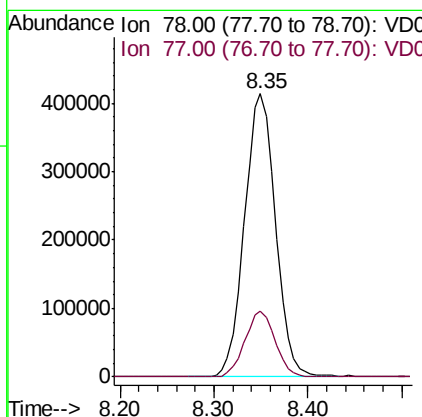
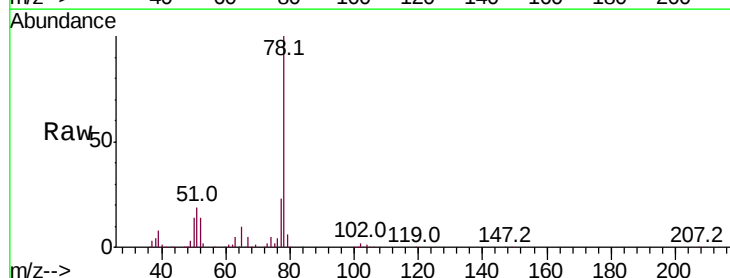
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

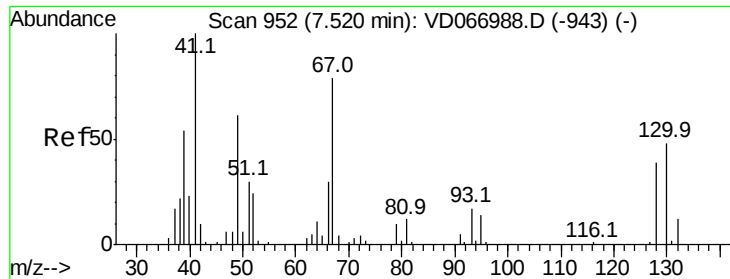
Tot Ion	83	Resp	340329
Ion Ratio	Lower	Upper	
83	100		
55	68.3	57.1	85.7
98	47.3	40.9	61.3



#40
Benzene
Concen: 53.121 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	78	Resp	943181
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.4	27.6





#41

Methacrylonitrile

Concen: 64.549 ug/l

RT: 7.52 min Scan# 952

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 77225

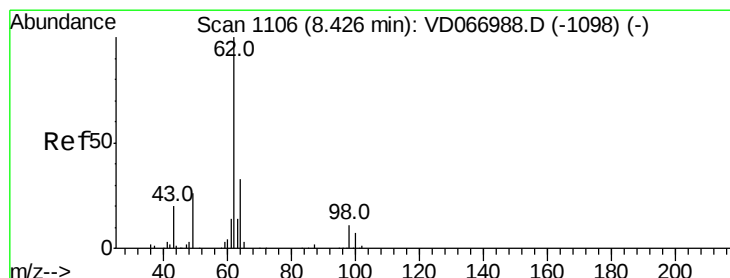
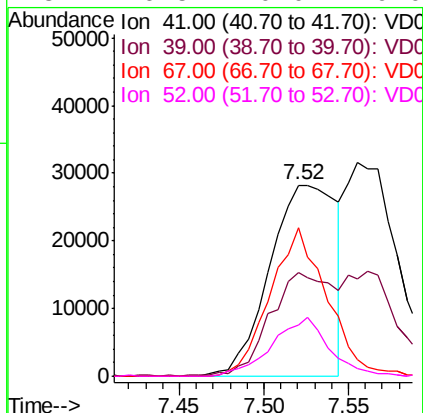
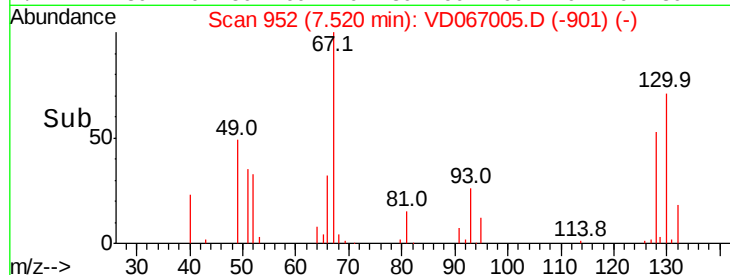
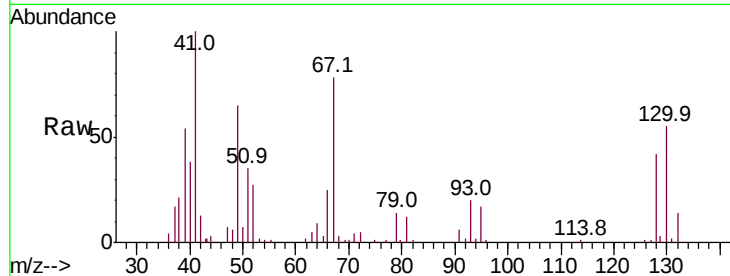
Ion Ratio Lower Upper

41 100

39 52.0 0.0 0.0#

67 67.0 0.0 0.0#

52 26.5 0.0 0.0#



#42

1,2-Dichloroethane

Concen: 51.930 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VD067005.D

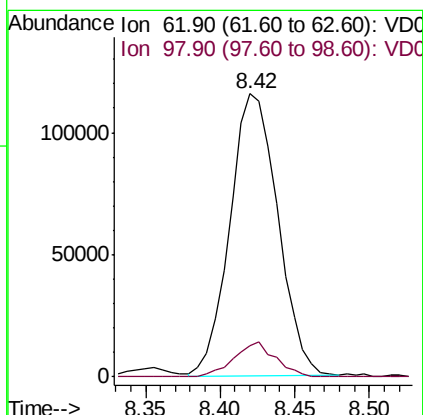
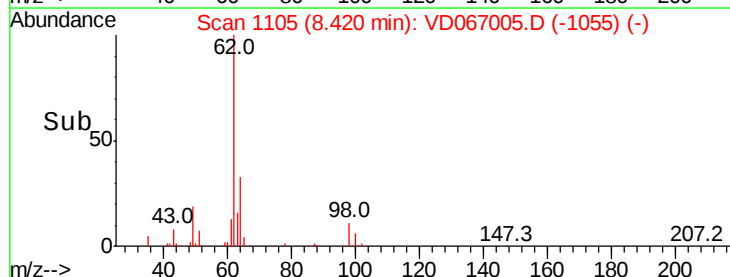
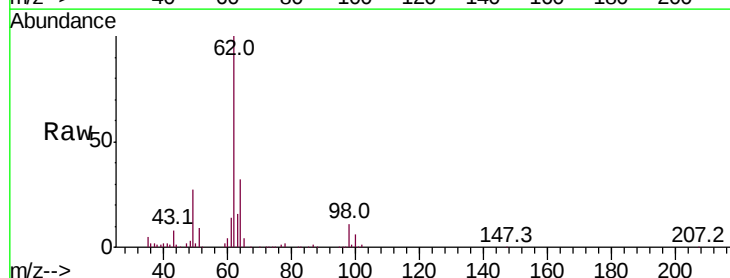
Acq: 01 Oct 2020 20:59

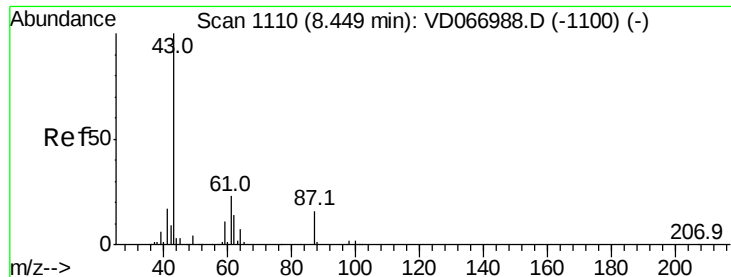
Tgt Ion: 62 Resp: 257645

Ion Ratio Lower Upper

62 100

98 10.8 0.0 22.6





#43

Isopropyl Acetate

Concen: 54.248 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

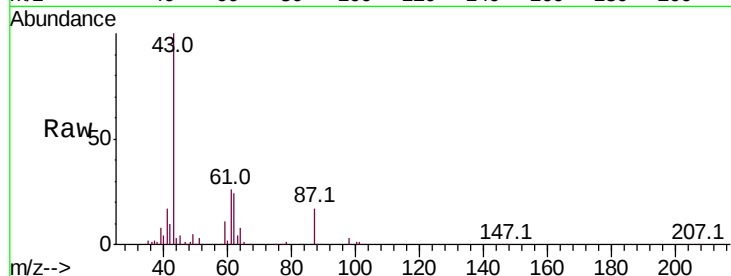
Tot Ion: 43 Resp: 221311

Ion Ratio Lower Upper

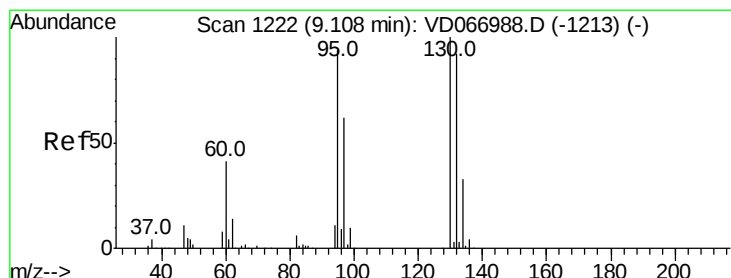
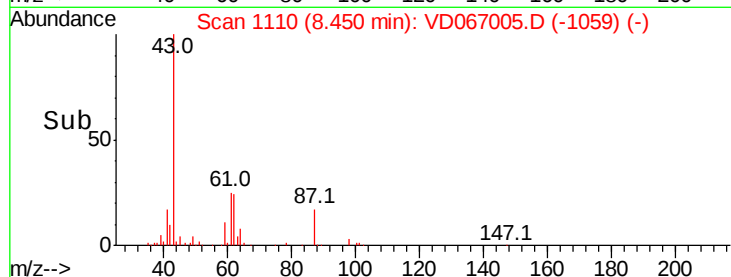
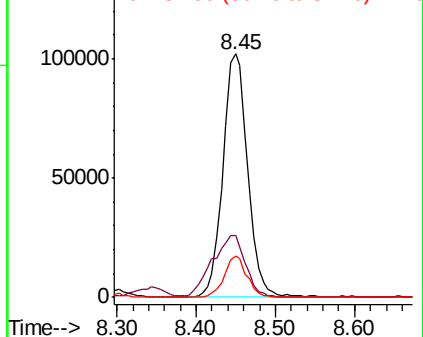
43 100

61 34.1 27.1 40.7

87 15.5 12.3 18.5



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: 51.204 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067005.D

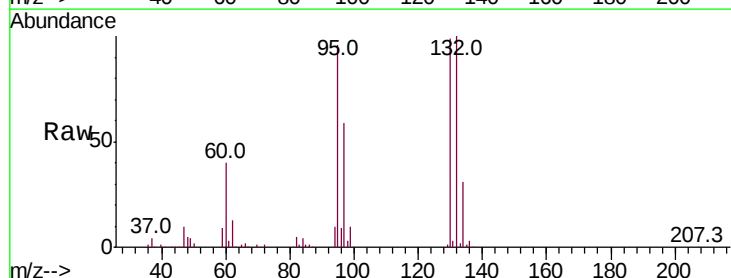
Acq: 01 Oct 2020 20:59

Tgt Ion:130 Resp: 271480

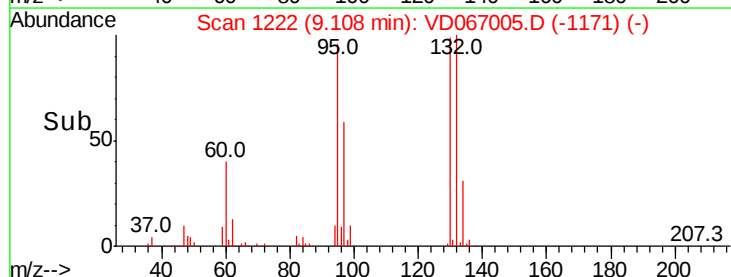
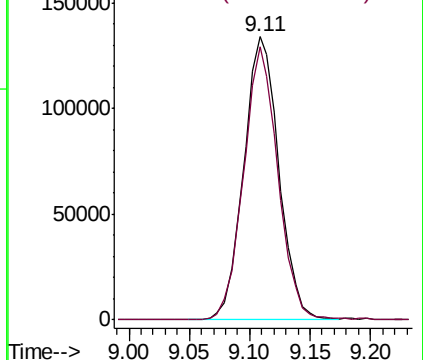
Ion Ratio Lower Upper

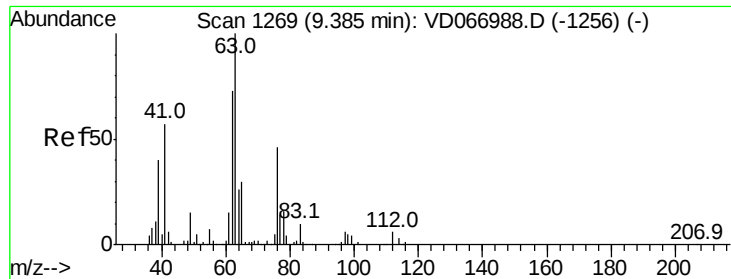
130 100

95 96.7 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 54.431 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

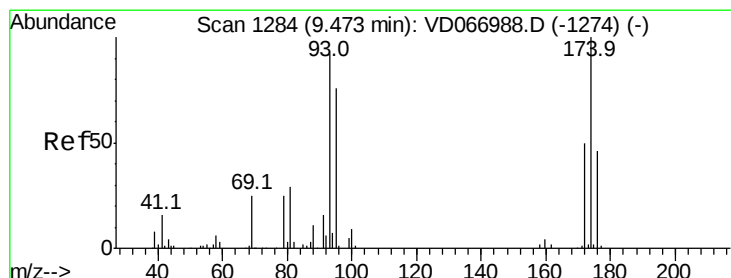
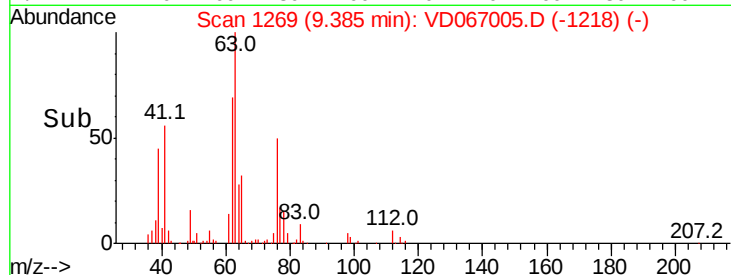
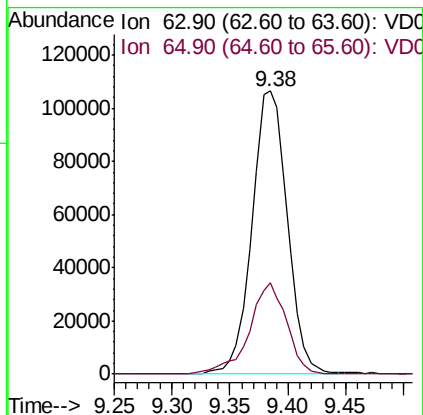
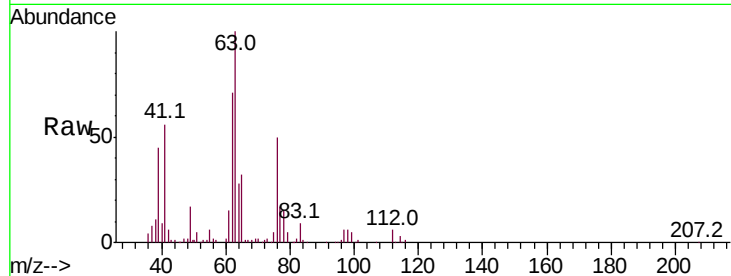
VSTDCCC050EC

Tot Ion: 63 Resp: 227075

Ion Ratio Lower Upper

63 100

65 32.1 23.7 35.5



#46

Dibromomethane

Concen: 52.704 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

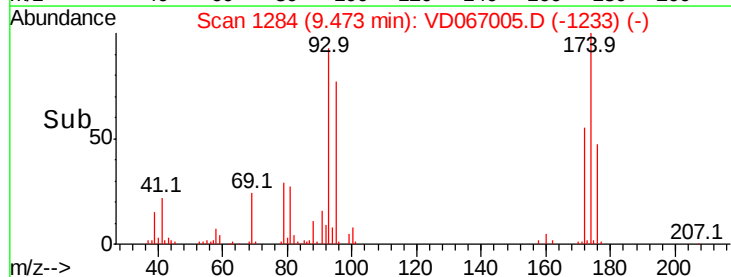
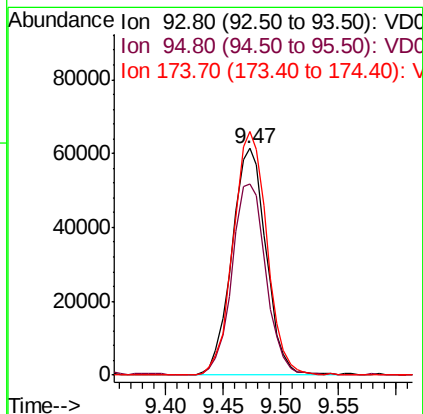
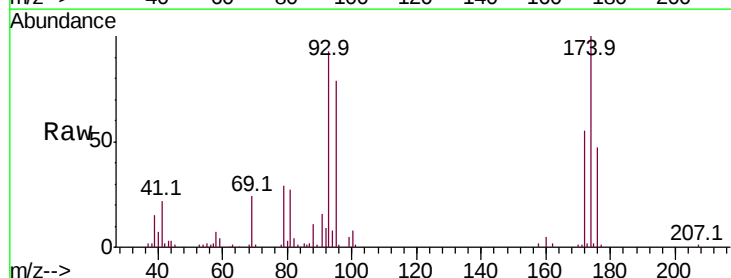
Tgt Ion: 93 Resp: 126370

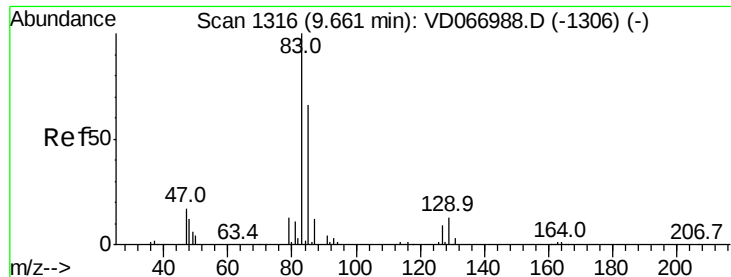
Ion Ratio Lower Upper

93 100

95 83.8 64.7 97.1

174 105.0 81.4 122.2





#47

Bromodichloromethane

Concen: 53.630 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

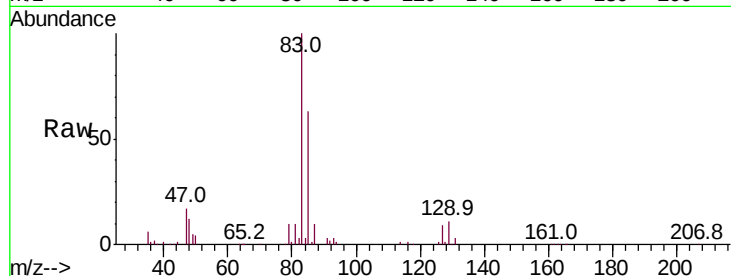
Tot Ion: 83 Resp: 334266

Ion Ratio Lower Upper

83 100

85 63.1 52.9 79.3

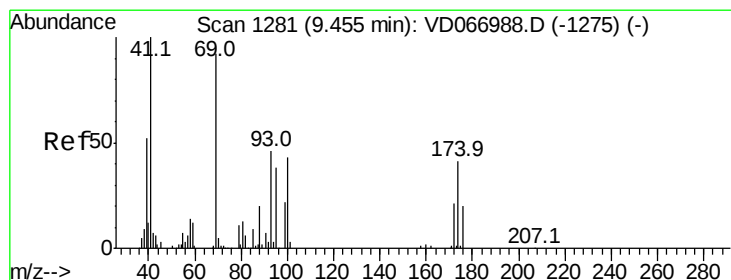
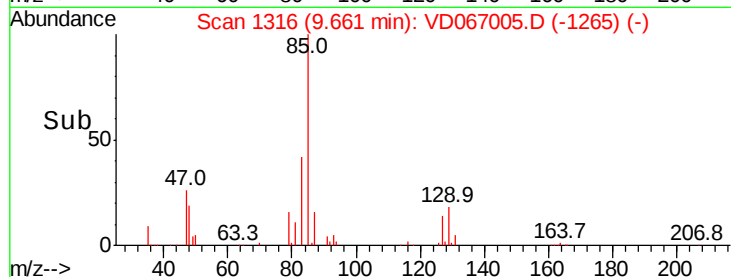
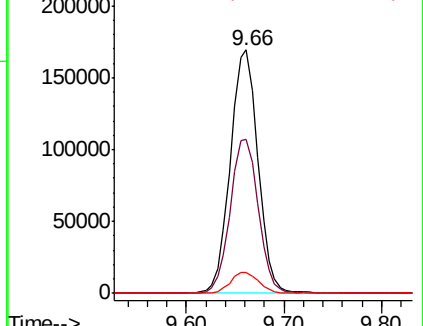
127 8.6 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 49.953 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

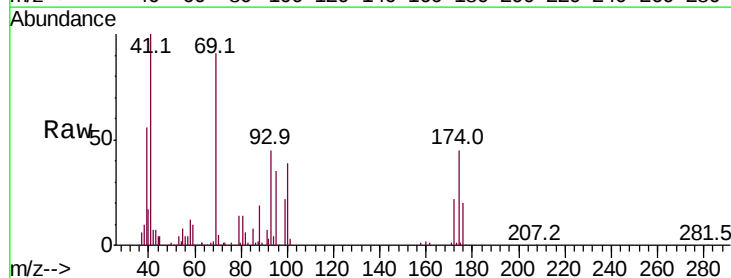
Tgt Ion: 41 Resp: 104404

Ion Ratio Lower Upper

41 100

69 102.5 68.5 102.7

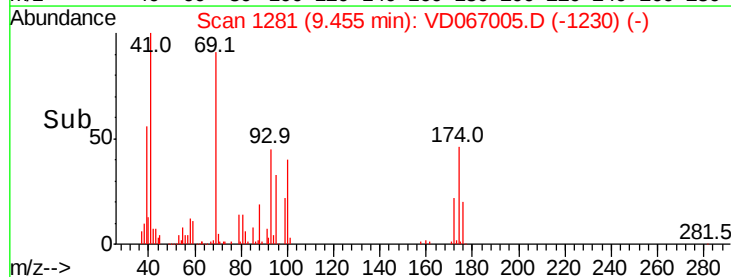
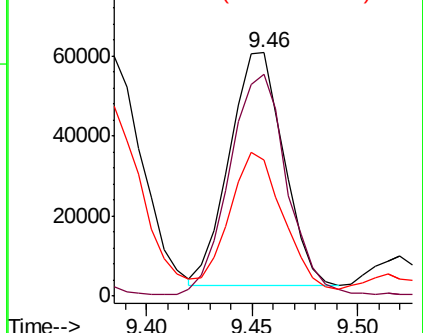
39 64.3 40.2 60.2#

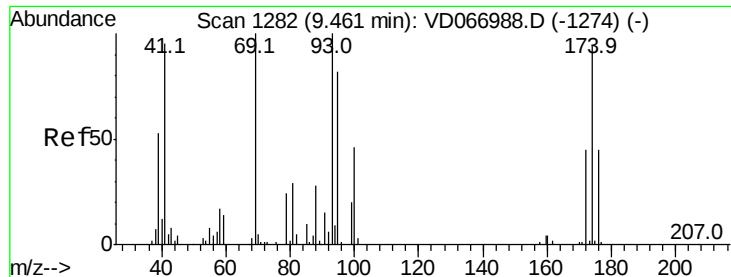


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

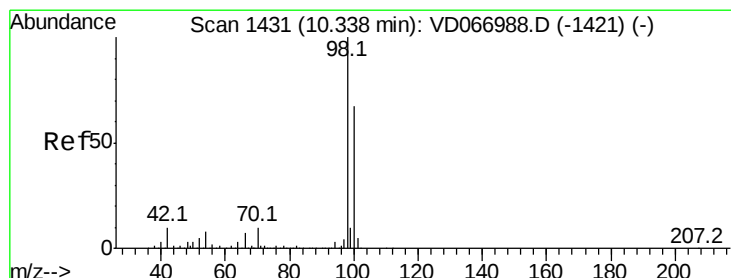
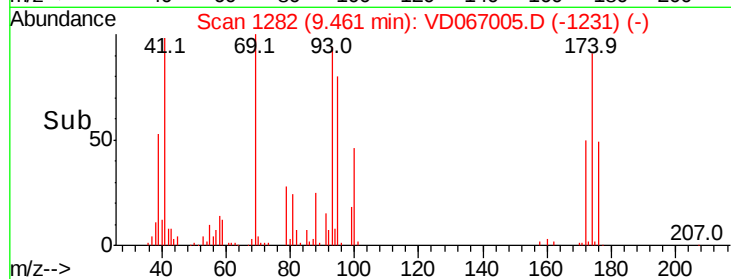
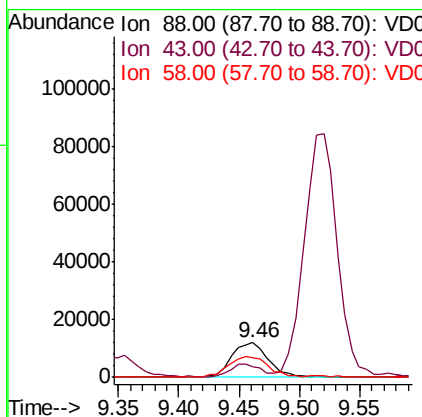
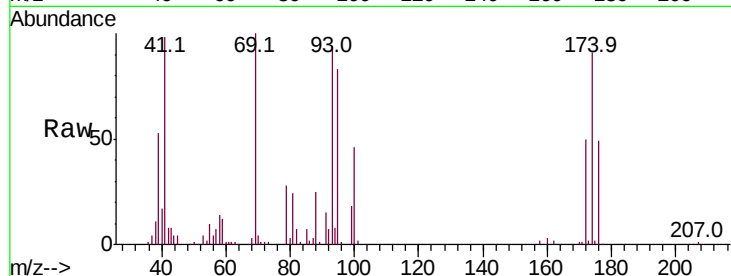




#49
 1,4-Dioxane
 Concen: 1031.335 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

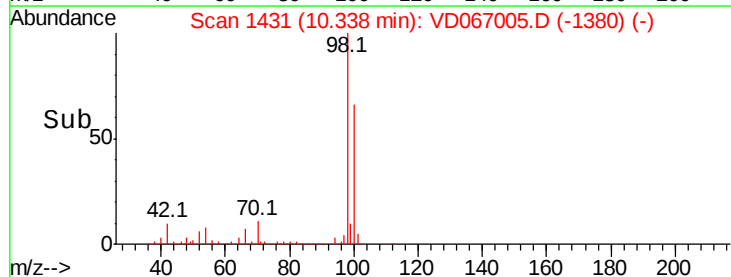
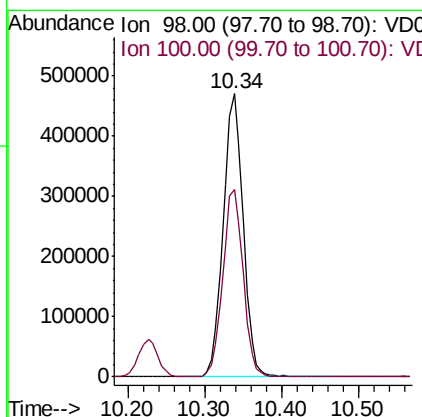
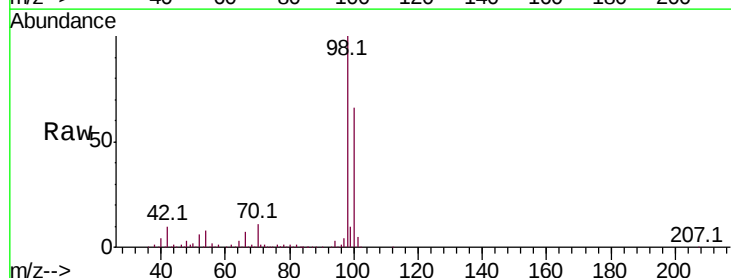
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

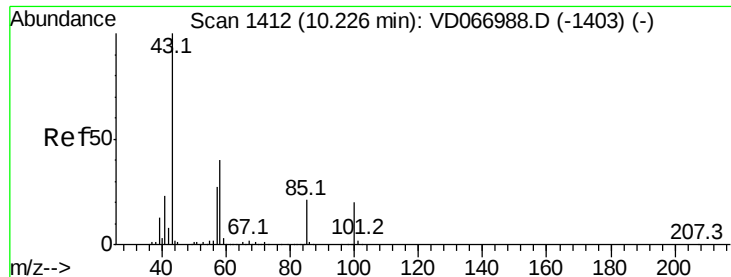
Tot Ion: 88 Resp: 25809
 Ion Ratio Lower Upper
 88 100
 43 31.2 25.6 38.4
 58 64.4 53.5 80.3



#50
 Toluene-d8
 Concen: 51.977 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion: 98 Resp: 850361
 Ion Ratio Lower Upper
 98 100
 100 66.8 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 273.722 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

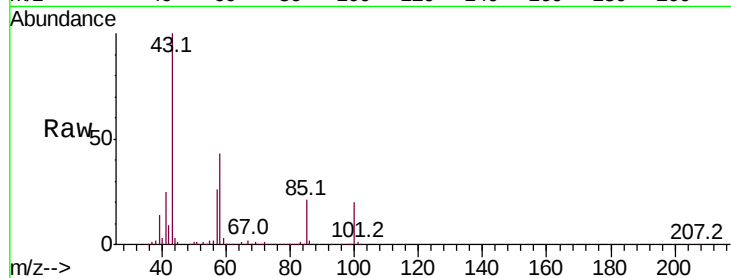
VSTDCCC050EC

Tot Ion: 43 Resp: 556213

Ion Ratio Lower Upper

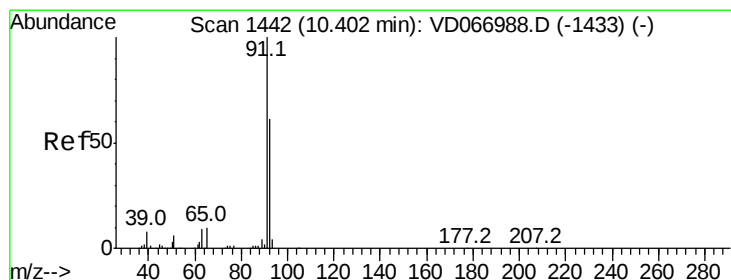
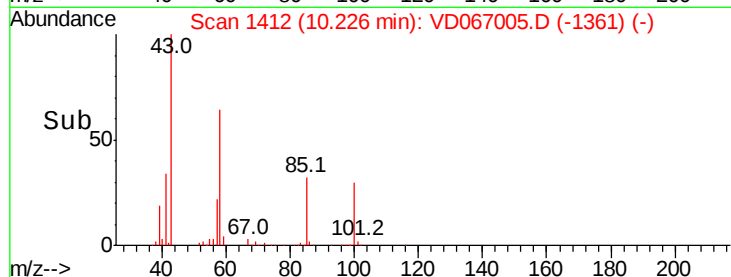
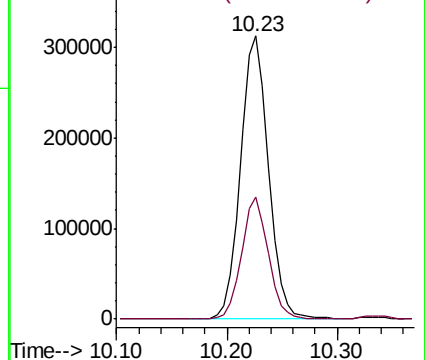
43 100

58 41.3 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 54.706 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067005.D

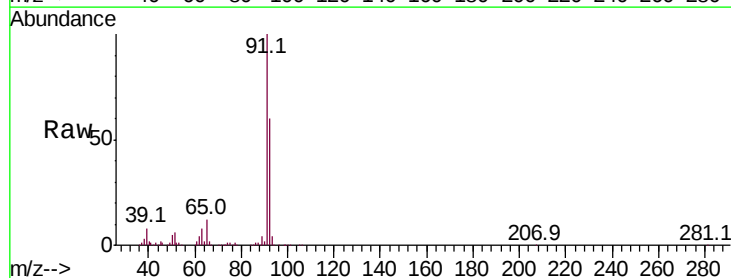
Acq: 01 Oct 2020 20:59

Tgt Ion: 92 Resp: 625693

Ion Ratio Lower Upper

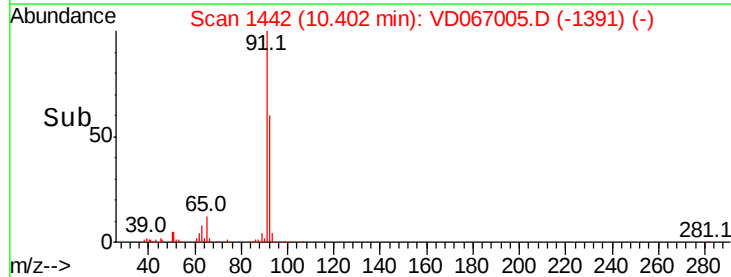
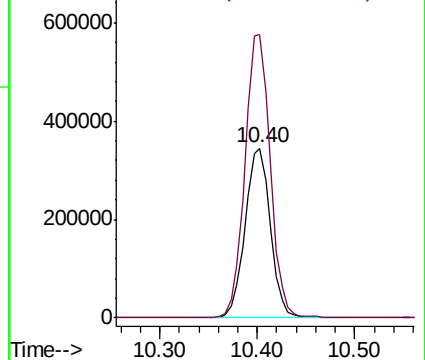
92 100

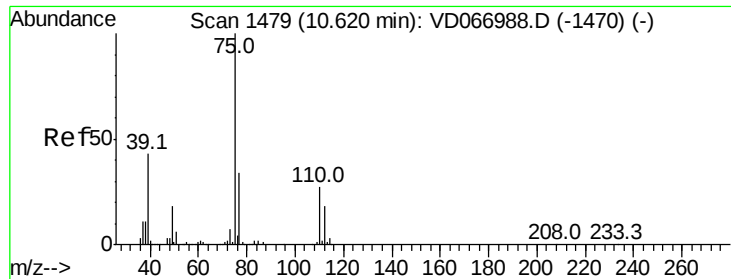
91 167.6 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 53.959 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

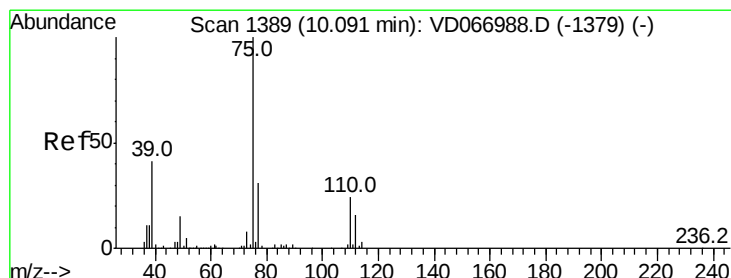
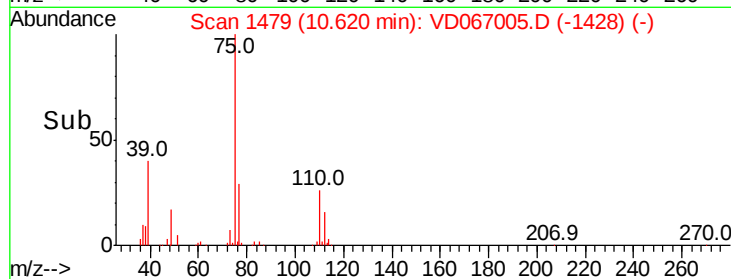
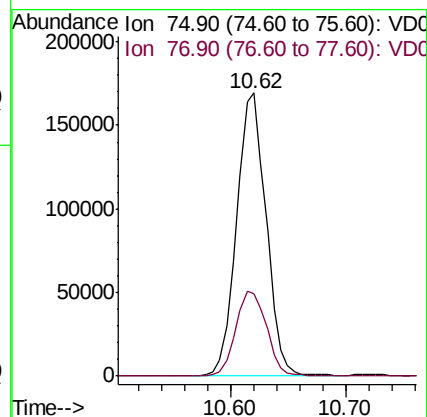
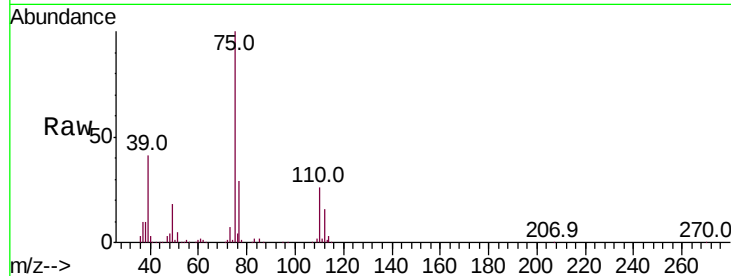
VSTDCCC050EC

Tot Ion: 75 Resp: 300576

Ion Ratio Lower Upper

75 100

77 29.1 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 53.090 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

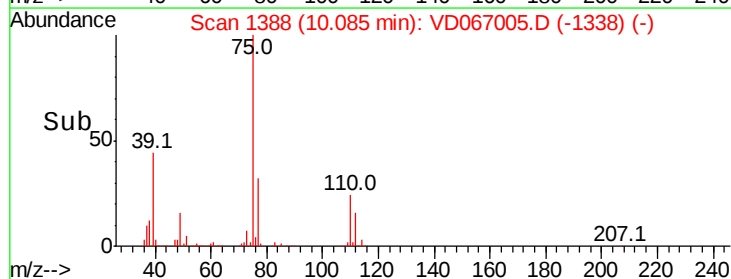
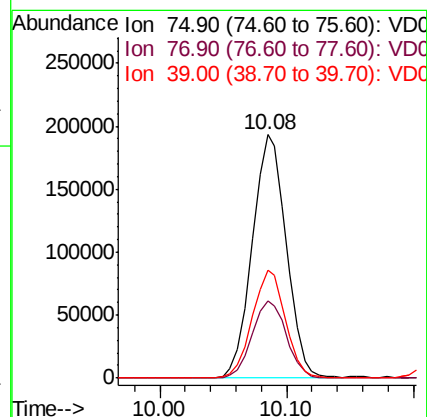
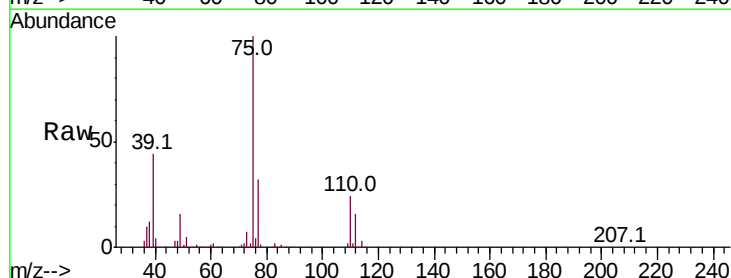
Tgt Ion: 75 Resp: 361126

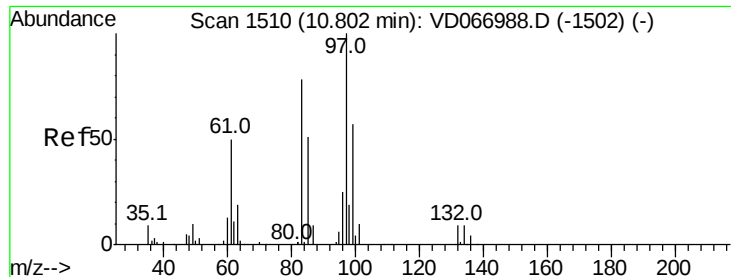
Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 43.8 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 52.574 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 175260

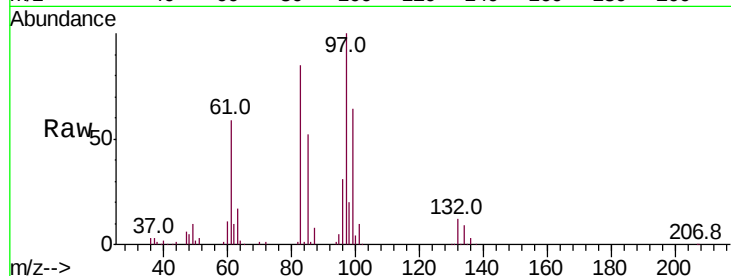
Ion	Ratio	Lower	Upper
97	100		
83	85.3	62.4	93.6
85	52.1	41.0	61.4
99	64.0	45.9	68.9

97 100

83 85.3 62.4 93.6

85 52.1 41.0 61.4

99 64.0 45.9 68.9

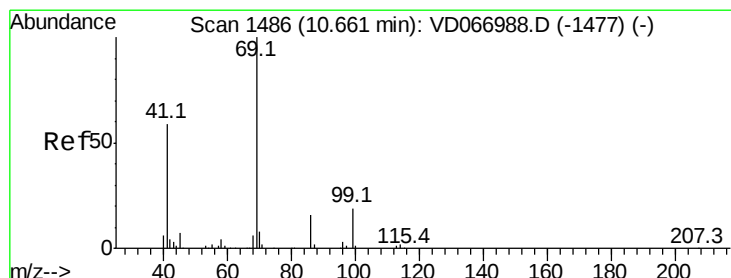
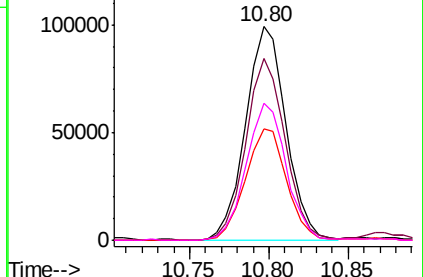
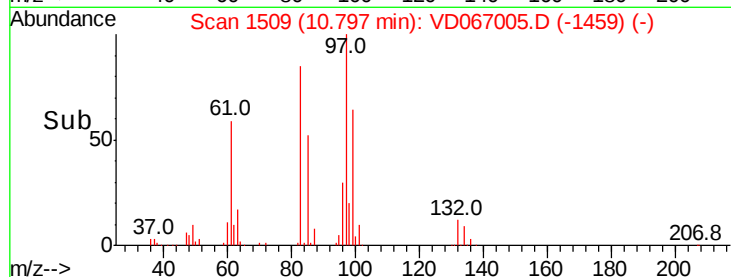


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 56.931 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

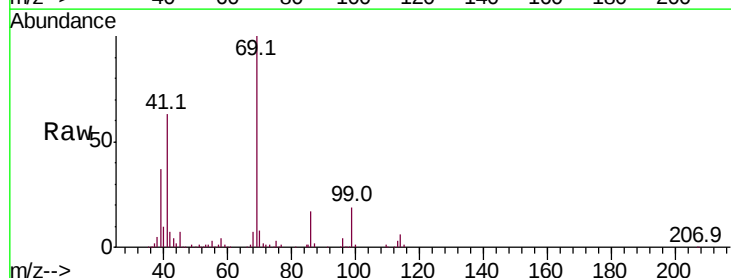
Tgt Ion: 69 Resp: 195941

Ion	Ratio	Lower	Upper
69	100		
41	63.3	46.4	69.6
39	30.7	23.8	35.6

69 100

41 63.3 46.4 69.6

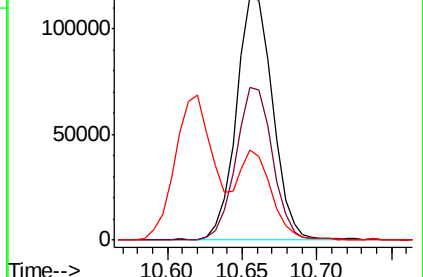
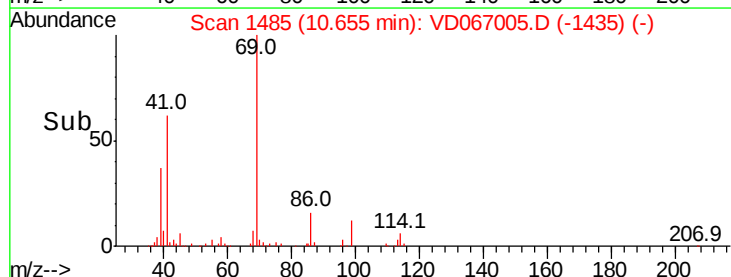
39 30.7 23.8 35.6

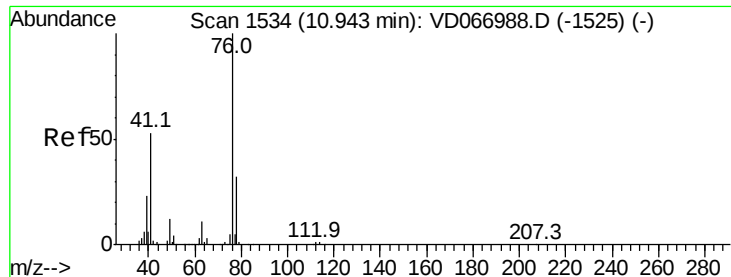


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 54.108 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

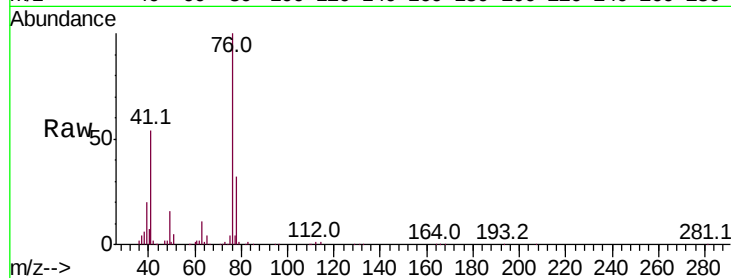
VSTDCCC050EC

Tot Ion: 76 Resp: 292499

Ion Ratio Lower Upper

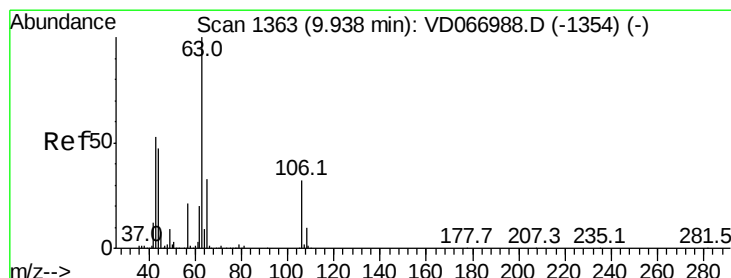
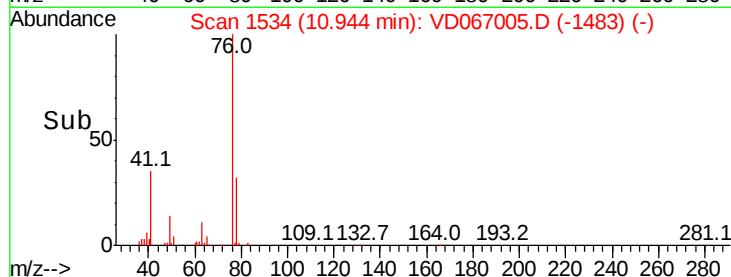
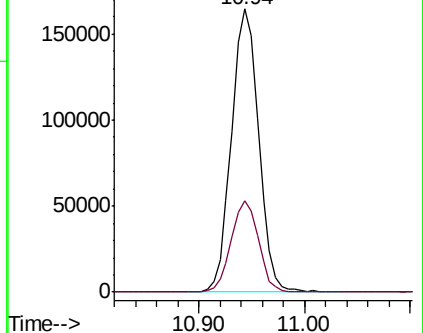
76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 296.291 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067005.D

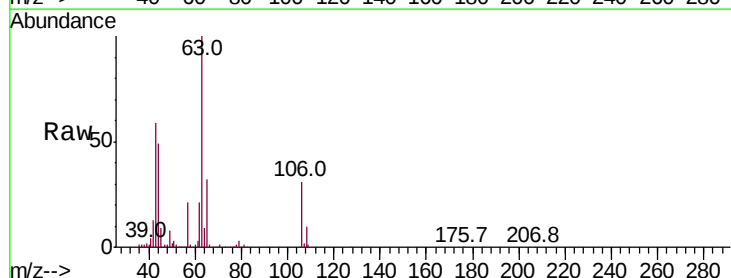
Acq: 01 Oct 2020 20:59

Tgt Ion: 63 Resp: 567579

Ion Ratio Lower Upper

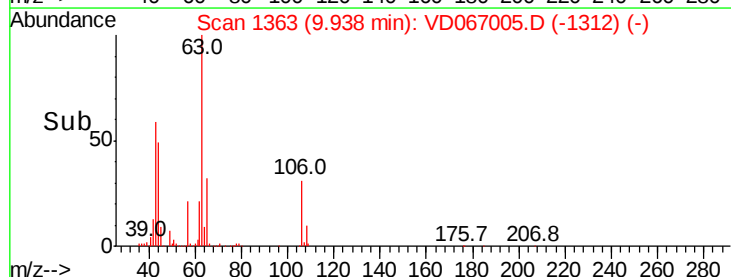
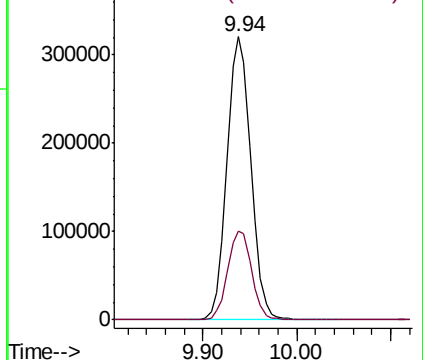
63 100

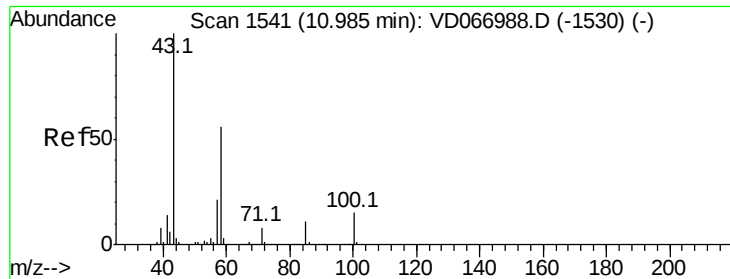
106 31.5 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

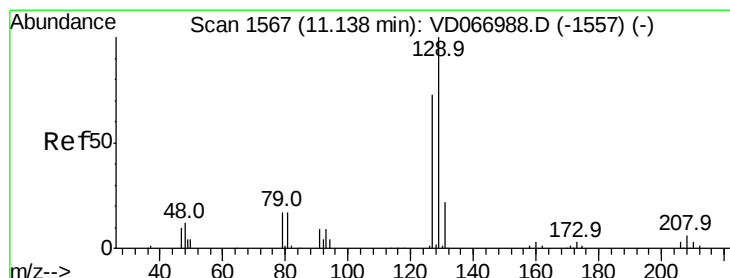
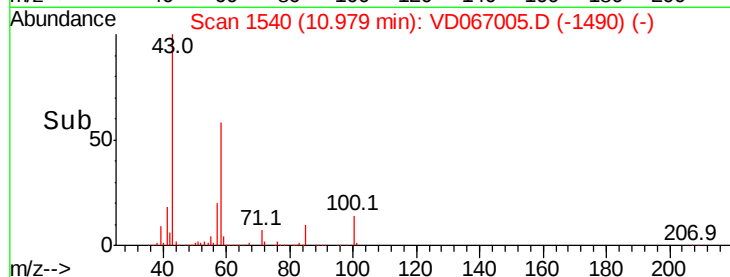
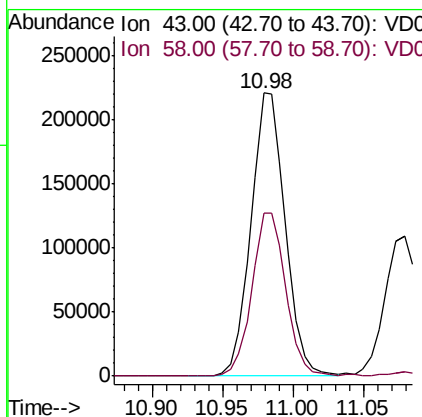
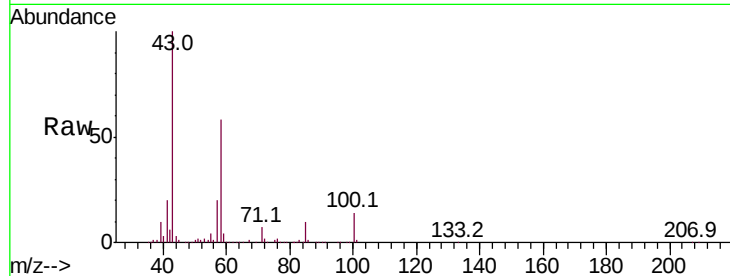




#59
2-Hexanone
Concen: 277.624 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

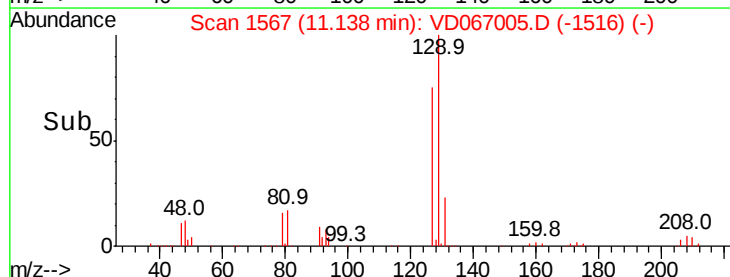
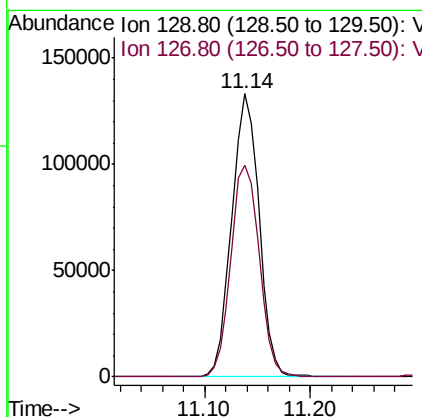
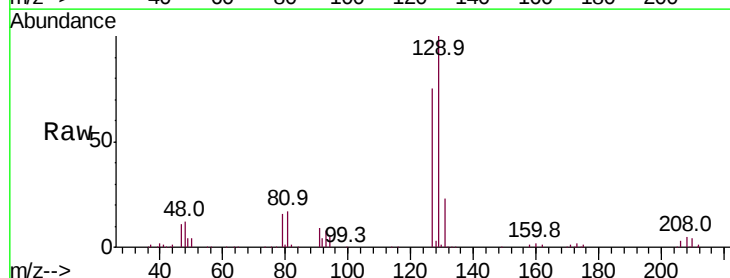
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

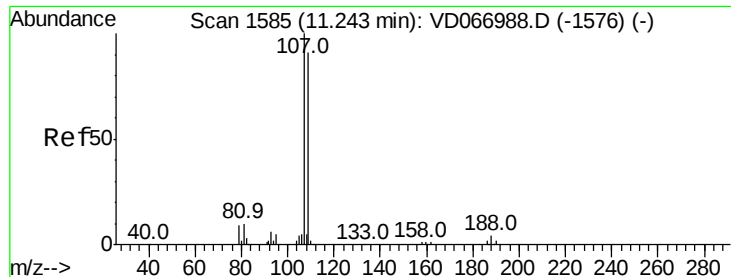
Tot Ion: 43 Resp: 376532
Ion Ratio Lower Upper
43 100
58 57.3 28.3 84.9



#60
Dibromochloromethane
Concen: 53.711 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion: 129 Resp: 238643
Ion Ratio Lower Upper
129 100
127 77.9 37.4 112.1





#61

1,2-Dibromoethane

Concen: 53.715 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

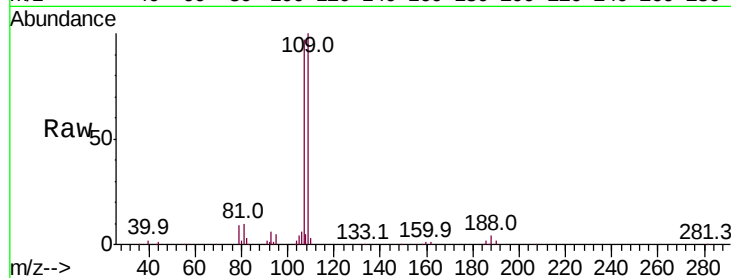
VSTDCCC050EC

Tot Ion:107 Resp: 172030

Ion Ratio Lower Upper

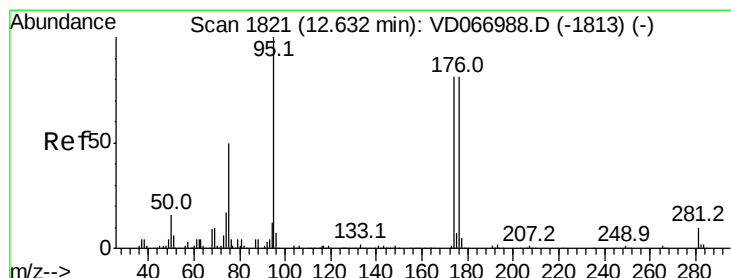
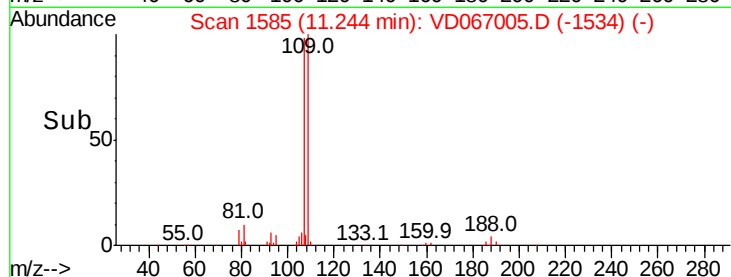
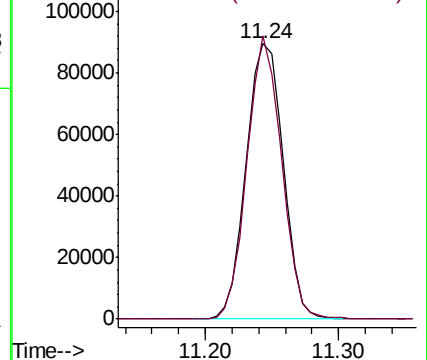
107 100

109 95.5 74.0 111.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.356 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

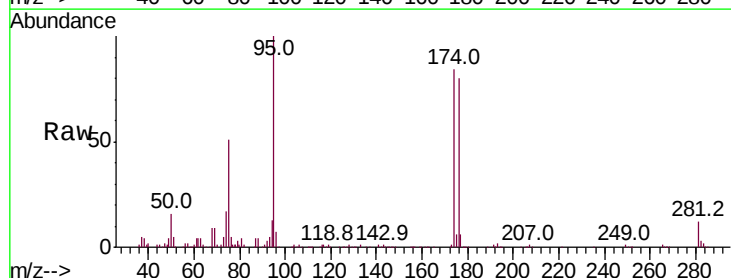
Tgt Ion: 95 Resp: 290782

Ion Ratio Lower Upper

95 100

174 84.3 0.0 167.6

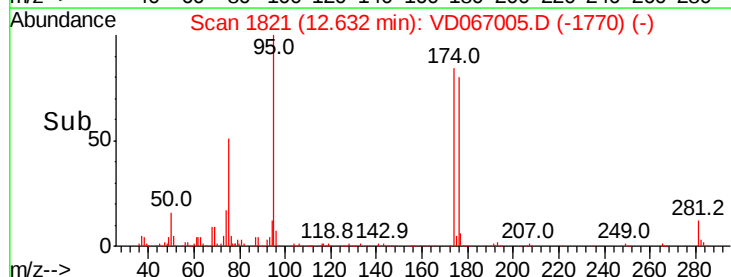
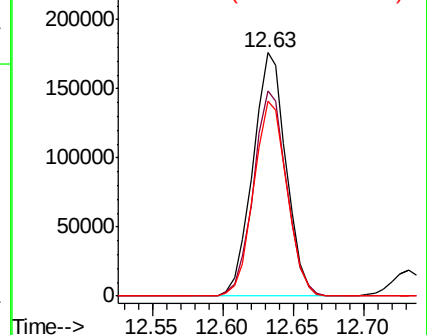
176 80.4 0.0 162.4

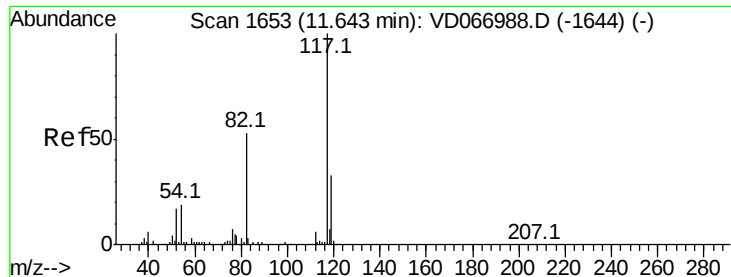


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

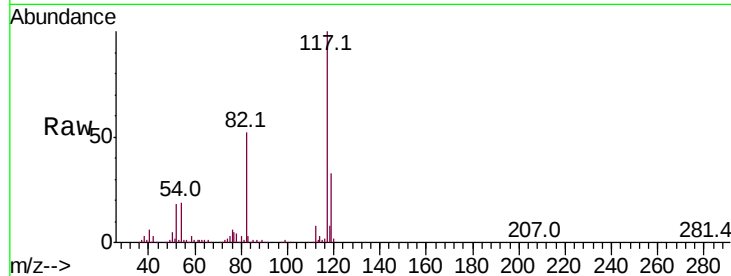




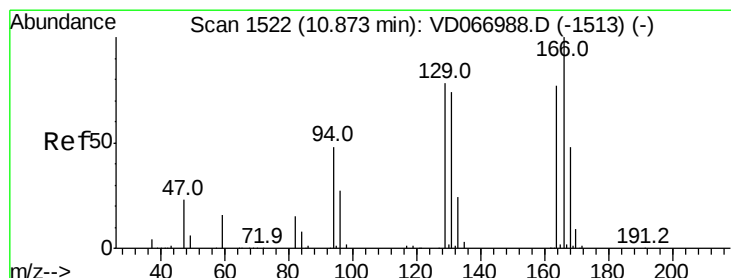
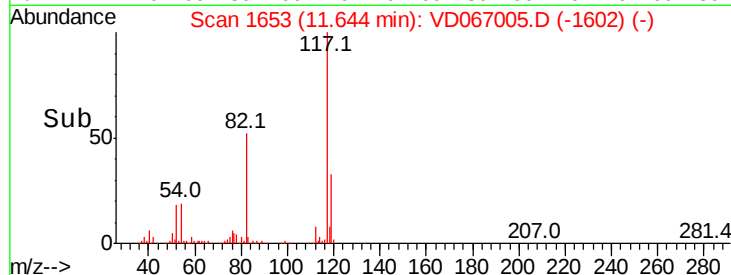
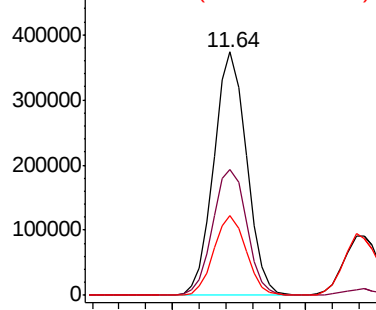
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 636247
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 32.6 26.3 39.5

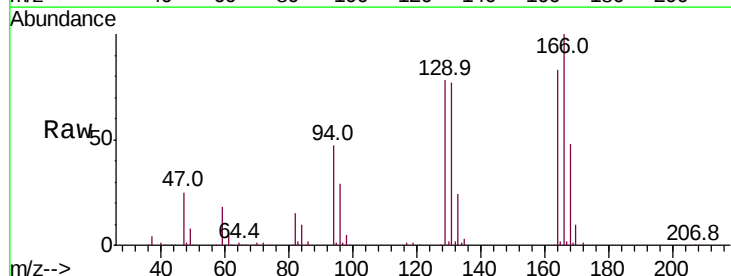


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

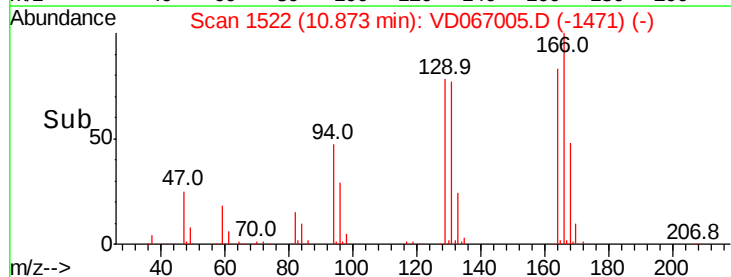
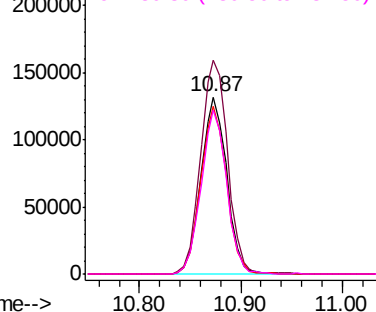


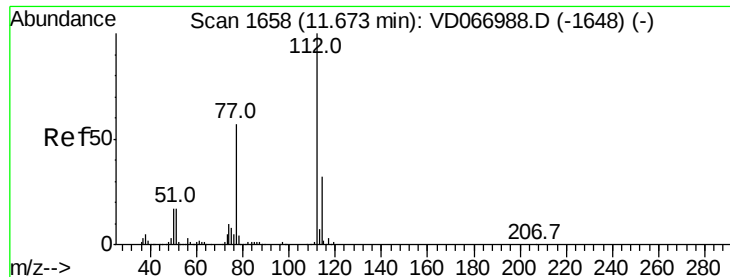
#64
Tetrachloroethene
Concen: 50.145 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion:164 Resp: 231949
Ion Ratio Lower Upper
164 100
166 120.6 104.4 156.6
129 94.5 81.3 121.9
131 92.6 77.1 115.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 52.583 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

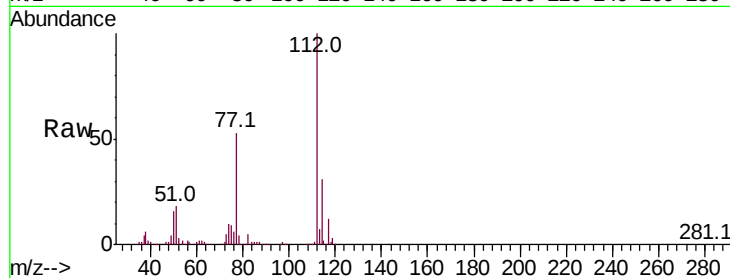
VSTDCCC050EC

Tot Ion:112 Resp: 665392

Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

400000

300000

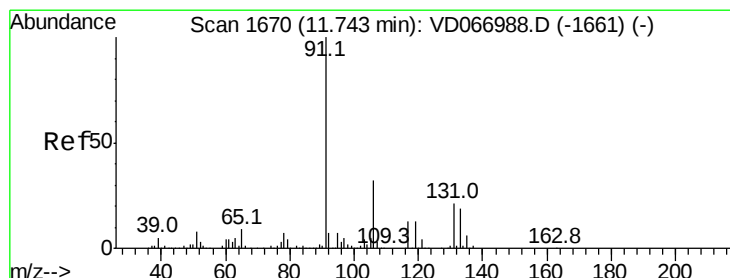
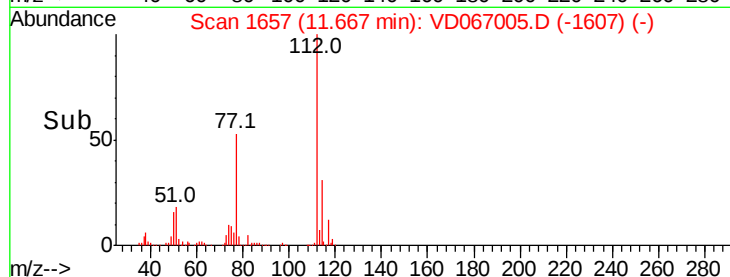
200000

100000

0

Time-->

11.60 11.70 11.80



#66

1,1,1,2-Tetrachloroethane

Concen: 51.286 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

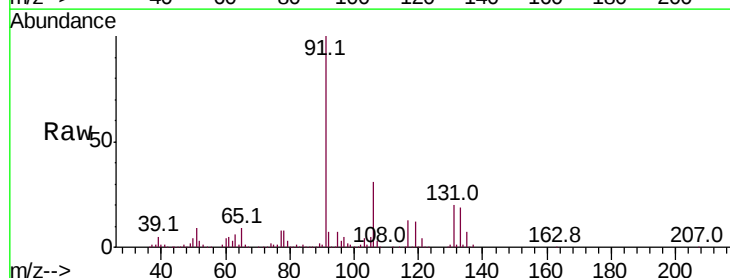
Tgt Ion:131 Resp: 246865

Ion Ratio Lower Upper

131 100

133 97.2 47.8 143.3

119 66.2 32.3 96.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.74

150000

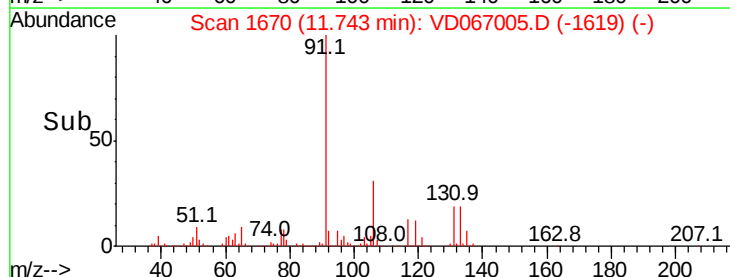
100000

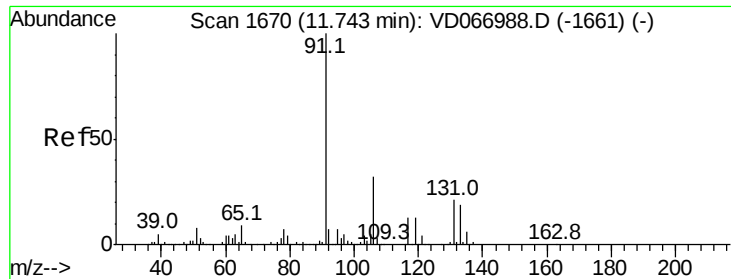
50000

0

Time-->

11.70 11.80





#67

Ethyl Benzene

Concen: 53.114 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

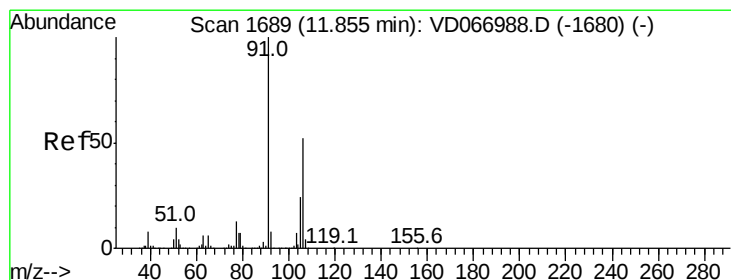
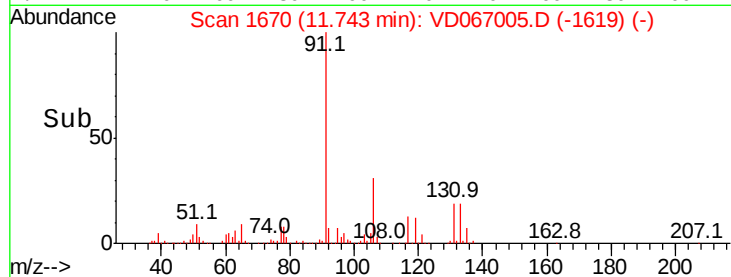
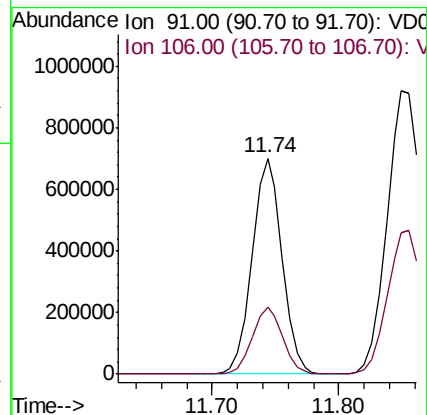
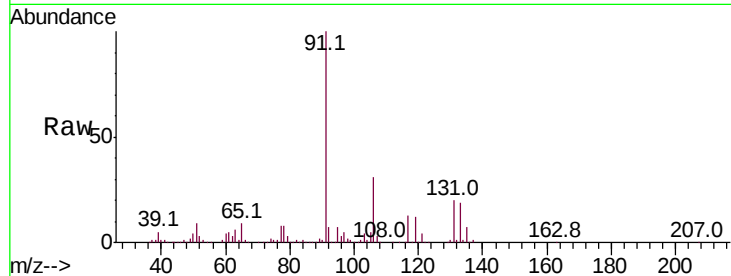
VSTDCCC050EC

Tot Ion: 91 Resp: 1151597

Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.2



#68

m/p-Xylenes

Concen: 106.400 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067005.D

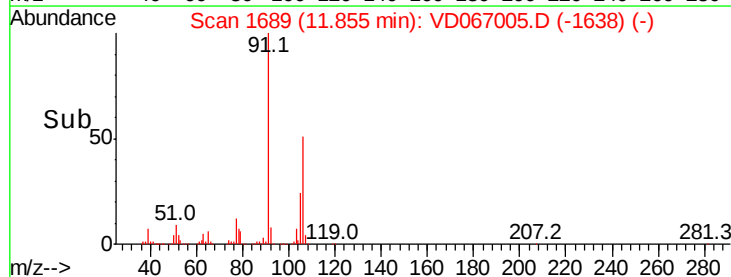
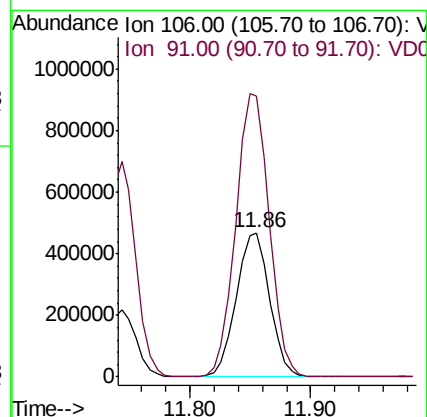
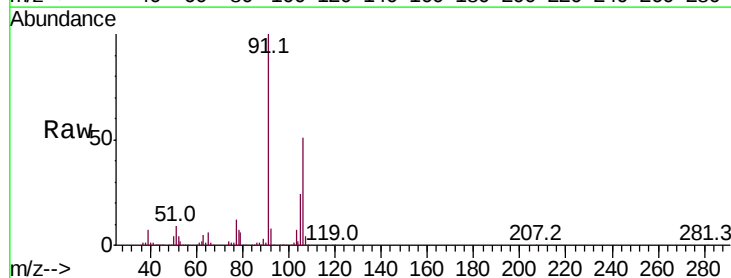
Acq: 01 Oct 2020 20:59

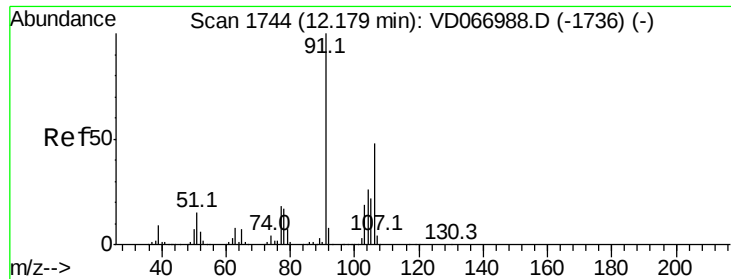
Tgt Ion: 106 Resp: 899044

Ion Ratio Lower Upper

106 100

91 197.4 158.4 237.6

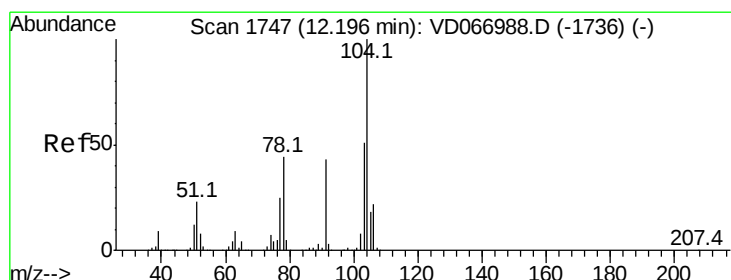
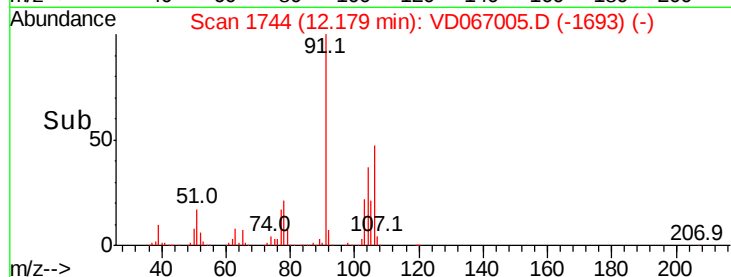
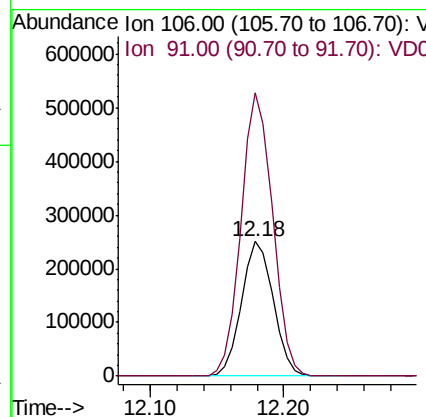
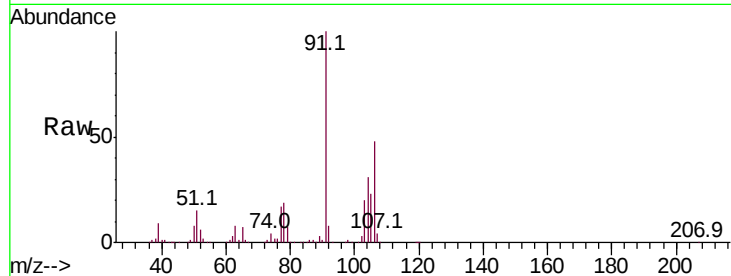




#69
o-Xylene
Concen: 54.907 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

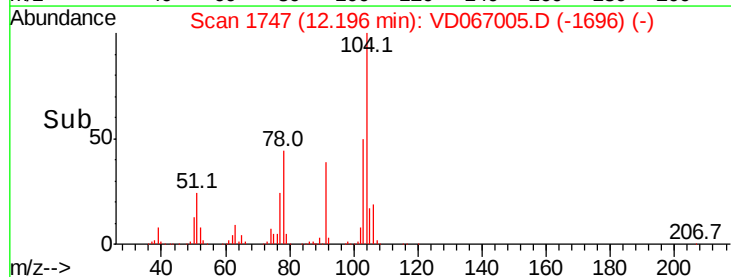
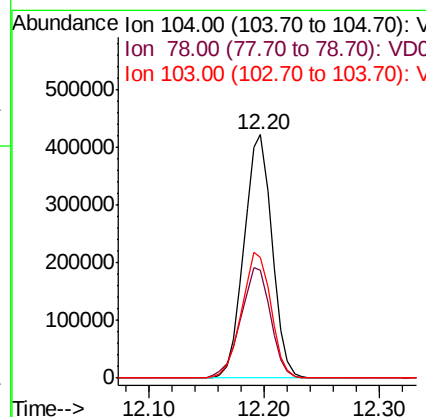
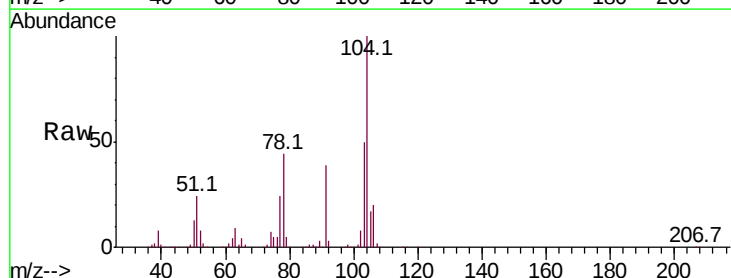
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

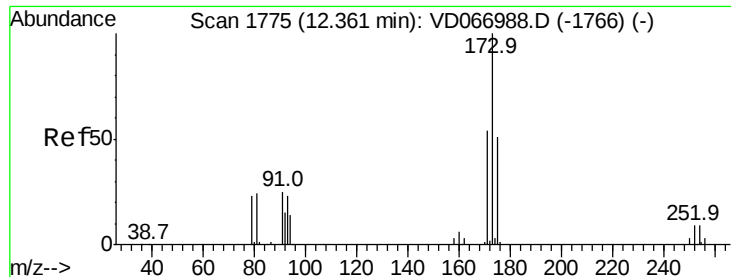
Tot Ion:106 Resp: 414882
Ion Ratio Lower Upper
106 100
91 207.9 102.4 307.2



#70
Styrene
Concen: 54.790 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion:104 Resp: 710901
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 54.2 43.4 65.0





#71

Bromoform

Concen: 52.075 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

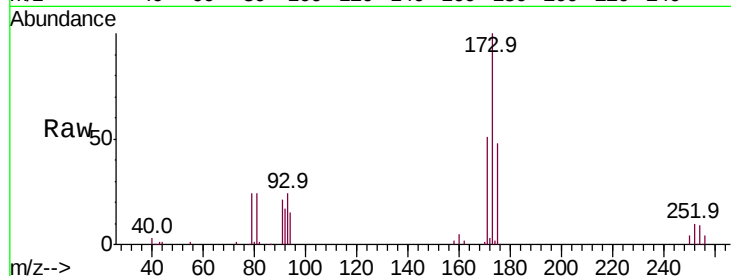
Tot Ion:173 Resp: 130115

Ion Ratio Lower Upper

173 100

175 49.6 24.9 74.7

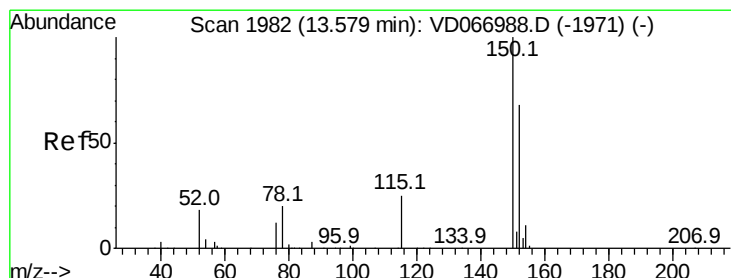
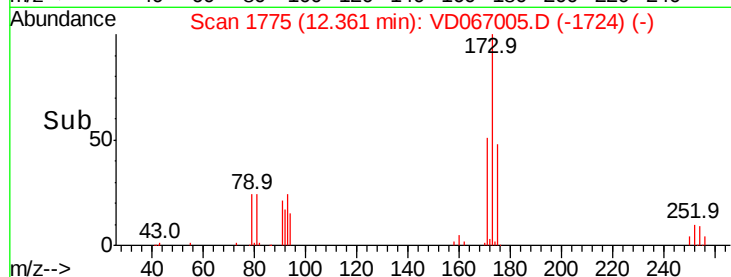
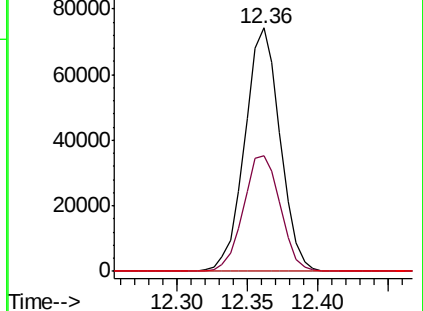
254 0.1 0.2 0.4#



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: VD067005.D

Acq: 01 Oct 2020 20:59

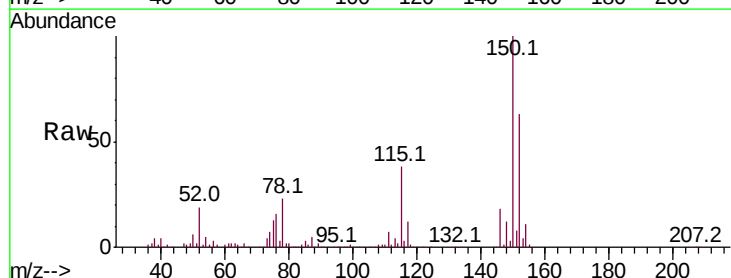
Tgt Ion:152 Resp: 306481

Ion Ratio Lower Upper

152 100

115 61.1 29.6 88.8

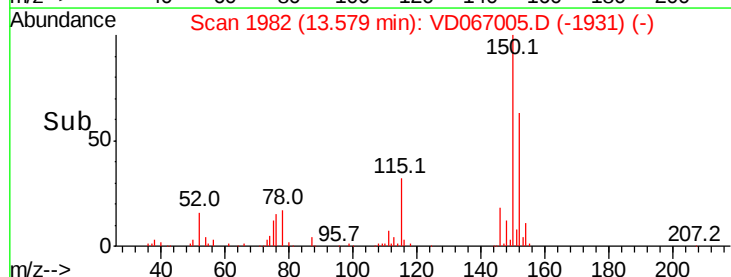
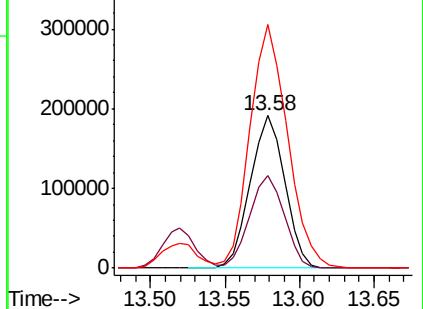
150 173.8 0.0 344.8

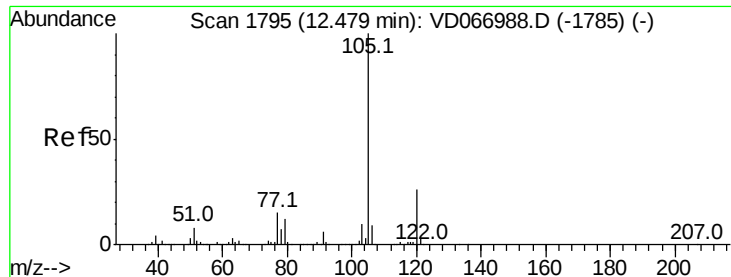


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.108 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

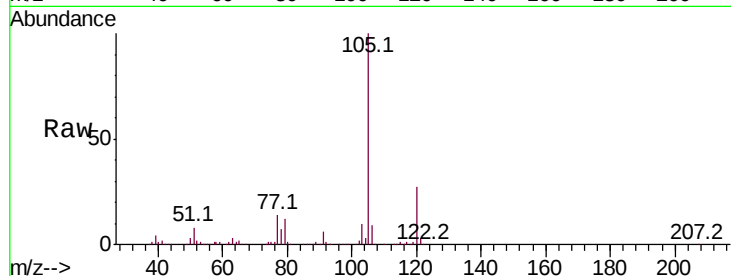
VSTDCCC050EC

Tot Ion:105 Resp: 1105199

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

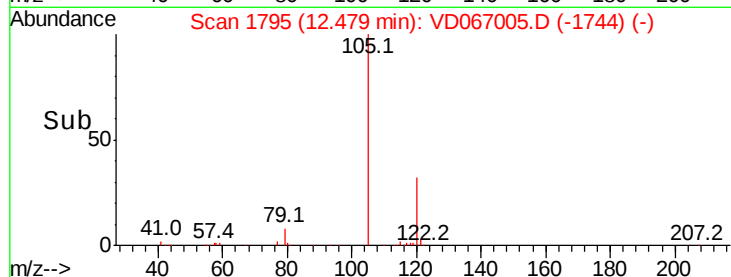
600000

400000

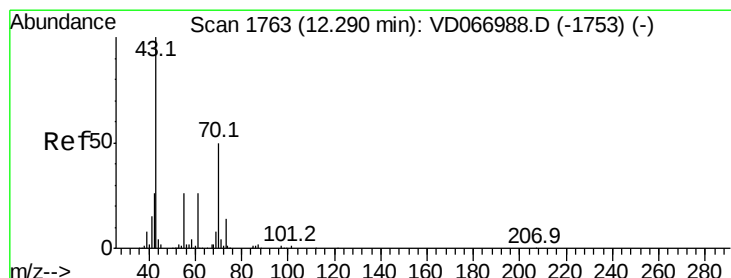
200000

0

12.40 12.50 12.60



Time-->



#74

N-ethyl acetate

Concen: 52.627 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Tgt Ion: 43 Resp: 196878

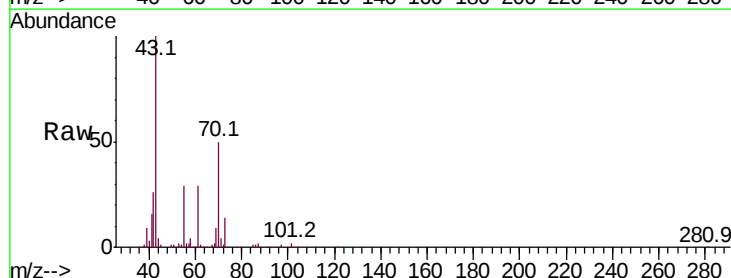
Ion Ratio Lower Upper

43 100

70 49.3 38.2 57.2

55 29.8 22.4 33.6

61 26.4 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

200000

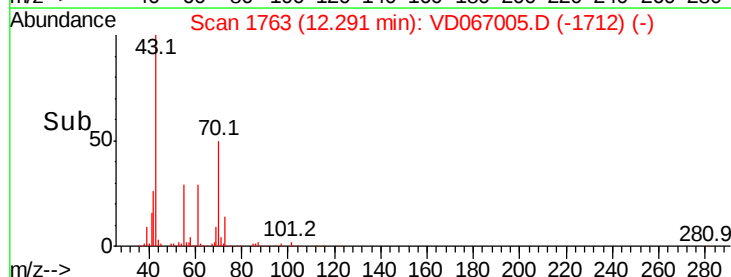
150000

100000

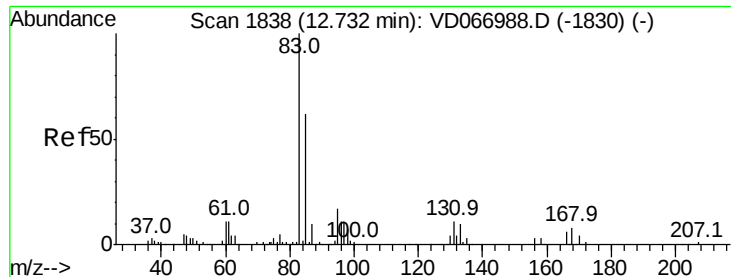
50000

0

12.20 12.30



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 50.747 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

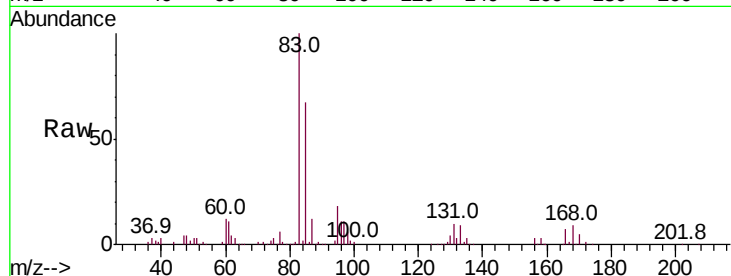
Tot Ion: 83 Resp: 177931

Ion Ratio Lower Upper

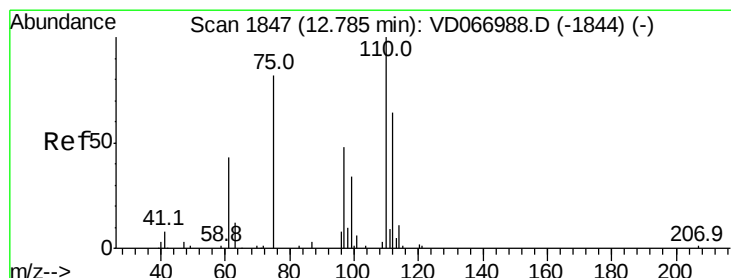
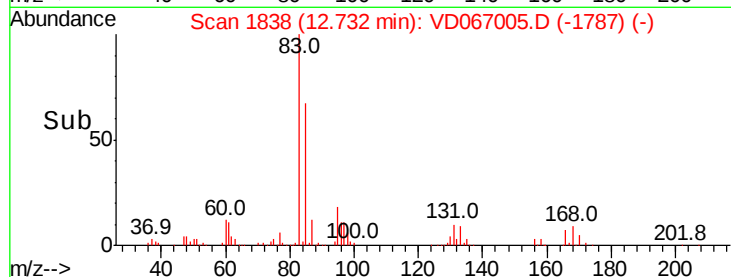
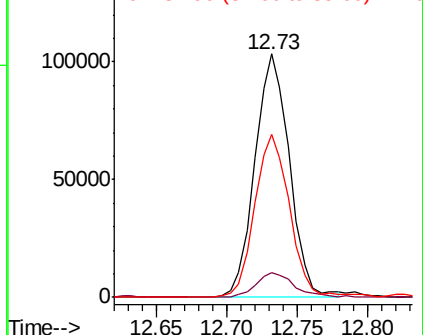
83 100

131 11.2 5.7 17.0

85 68.3 32.0 96.2



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: 86.486 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067005.D

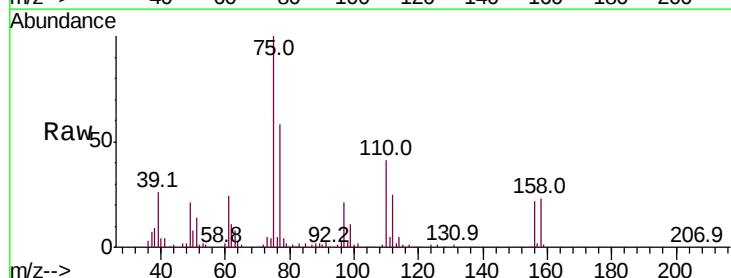
Acq: 01 Oct 2020 20:59

Tgt Ion: 75 Resp: 230878

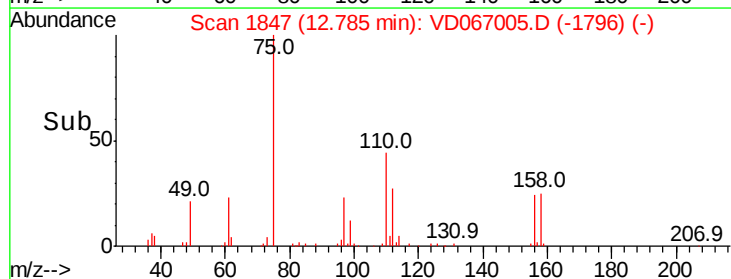
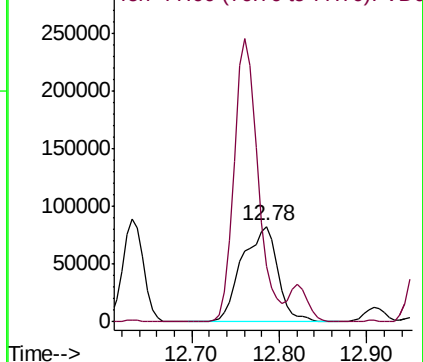
Ion Ratio Lower Upper

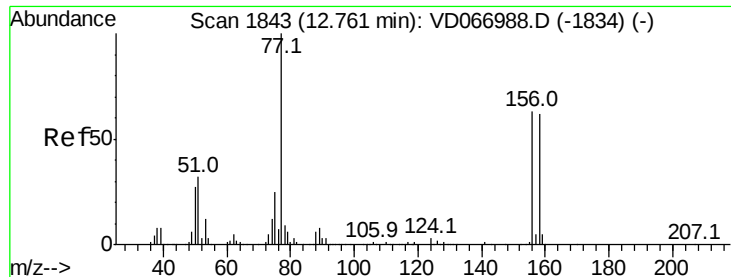
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 53.440 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

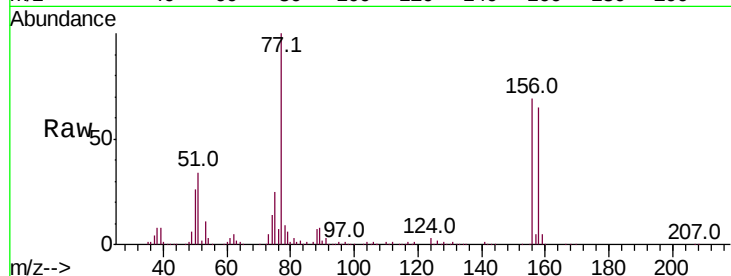
Tot Ion:156 Resp: 268535

Ion Ratio Lower Upper

156 100

77 168.5 86.3 258.8

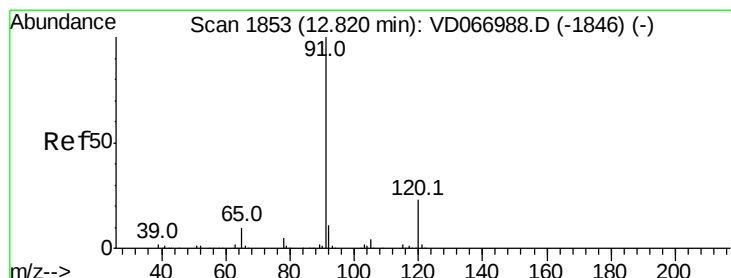
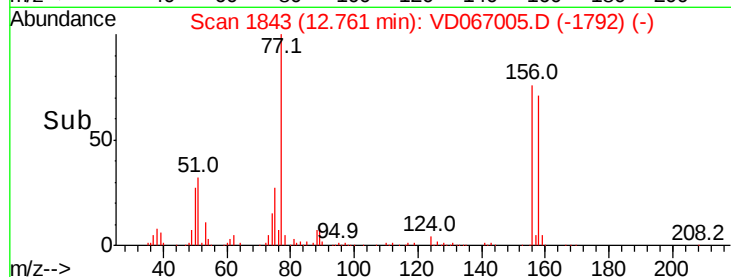
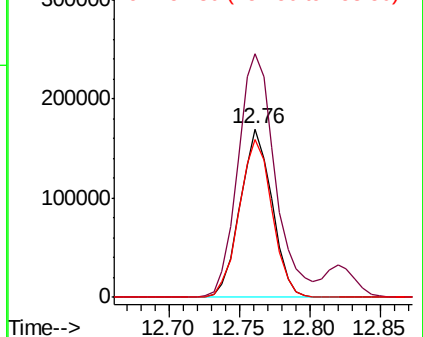
158 96.8 49.5 148.3



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: 52.272 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067005.D

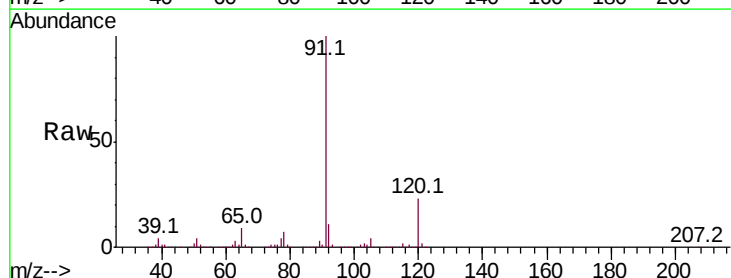
Acq: 01 Oct 2020 20:59

Tgt Ion: 91 Resp: 1285592

Ion Ratio Lower Upper

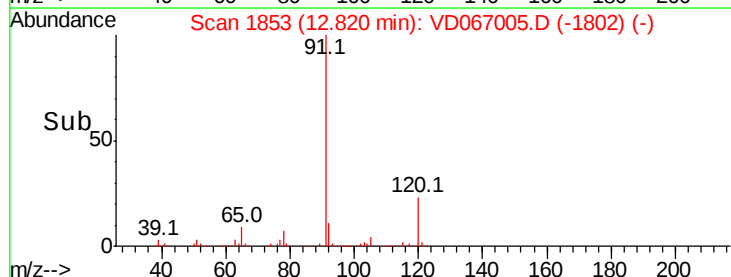
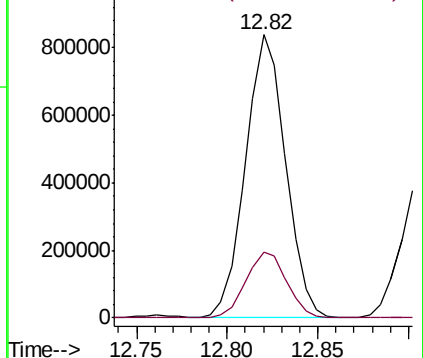
91 100

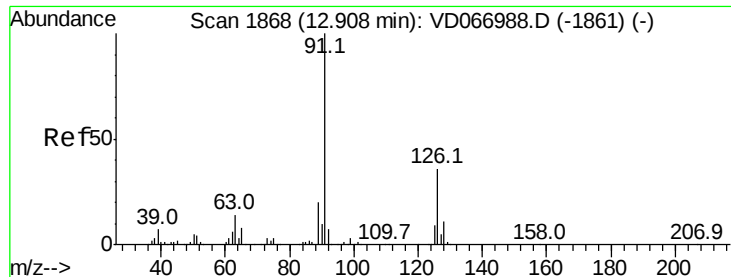
120 23.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.083 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

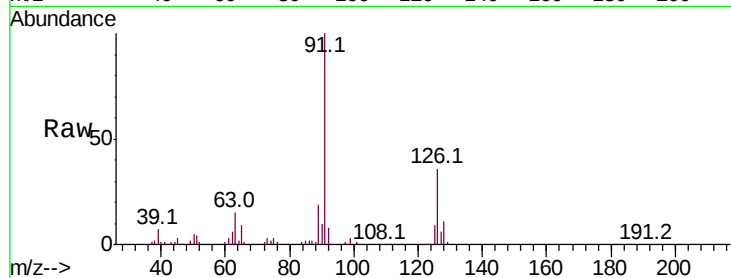
VSTDCCC050EC

Tot Ion: 91 Resp: 732895

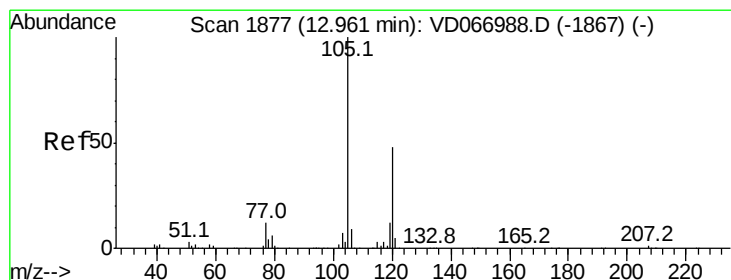
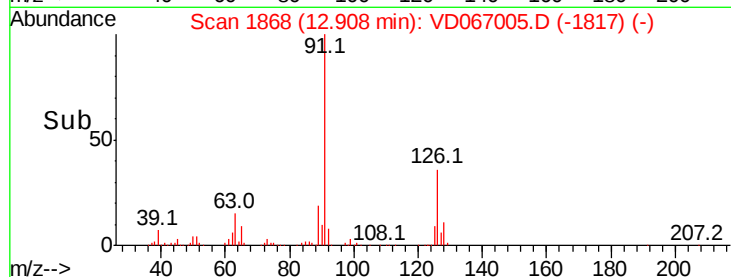
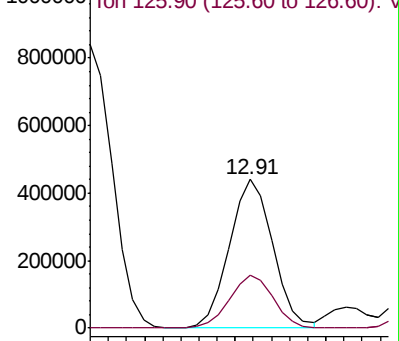
Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 54.105 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067005.D

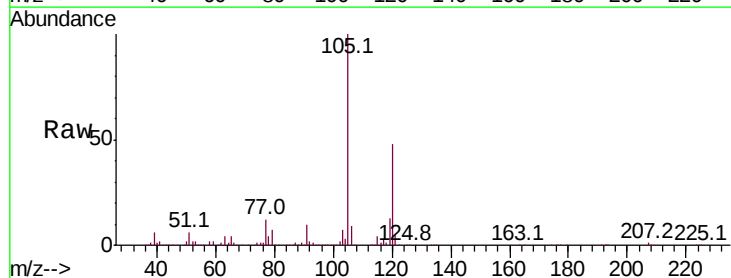
Acq: 01 Oct 2020 20:59

Tgt Ion: 105 Resp: 951296

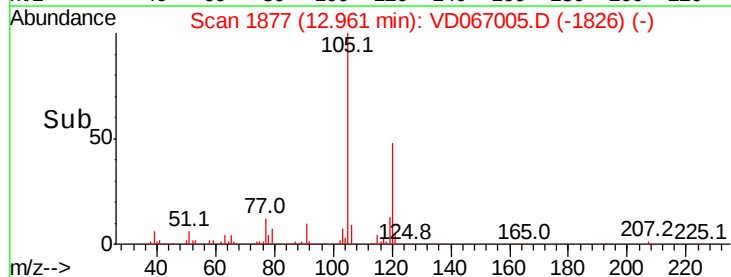
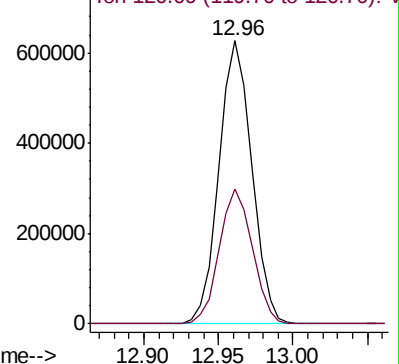
Ion Ratio Lower Upper

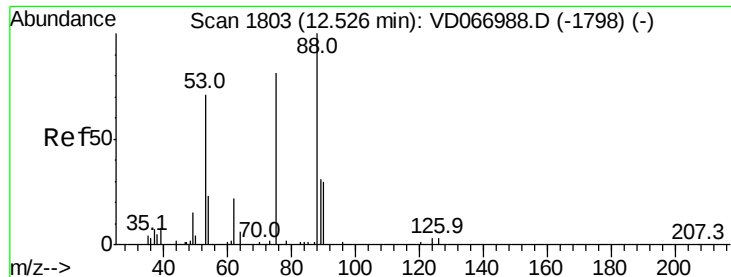
105 100

120 48.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.195 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

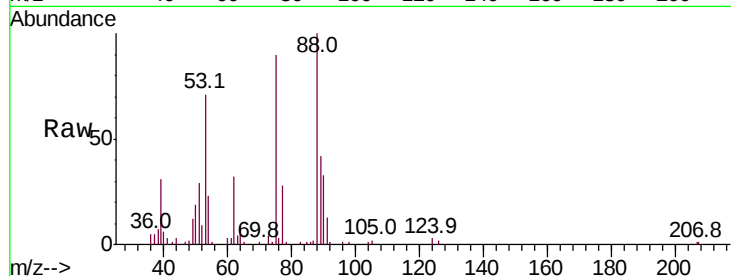
Tot Ion: 75 Resp: 53747

Ion Ratio Lower Upper

75 100

53 89.4 73.8 110.6

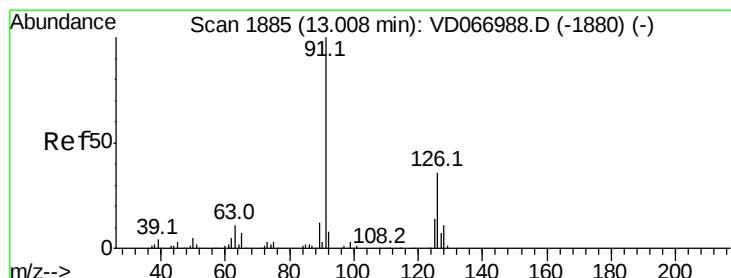
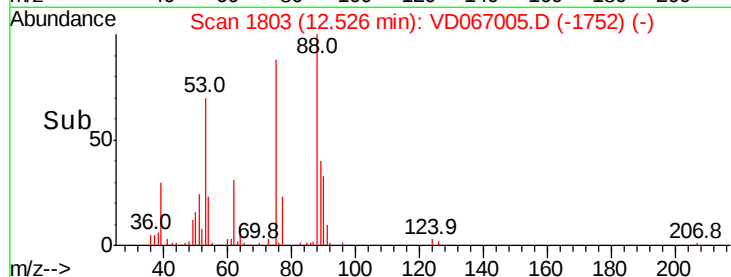
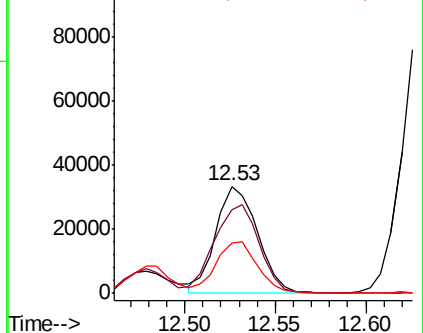
89 47.8 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 52.087 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067005.D

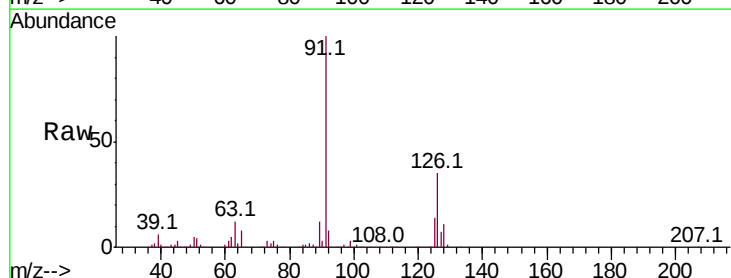
Acq: 01 Oct 2020 20:59

Tgt Ion: 91 Resp: 779822

Ion Ratio Lower Upper

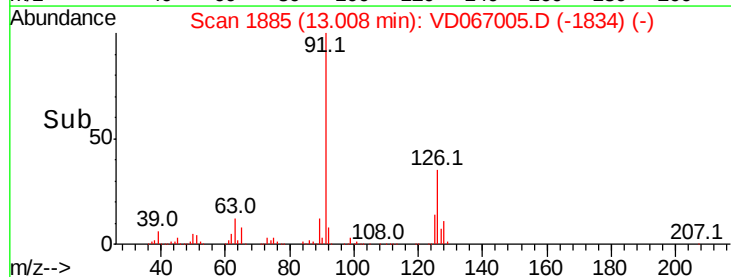
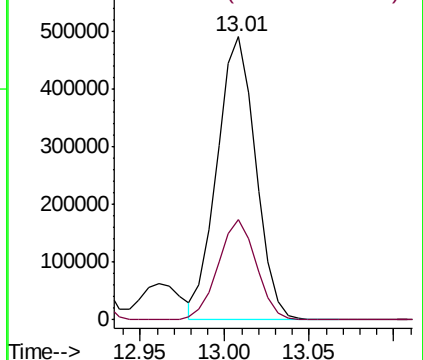
91 100

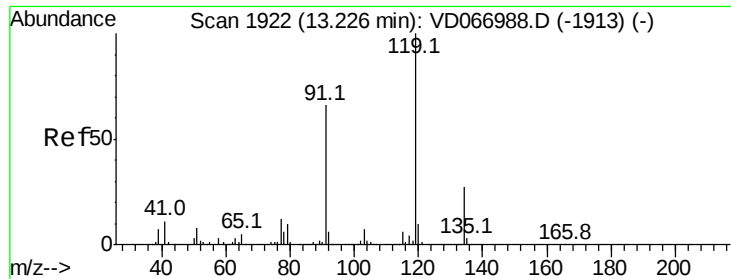
126 35.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

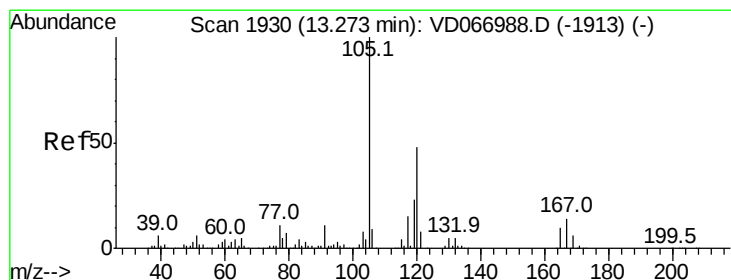
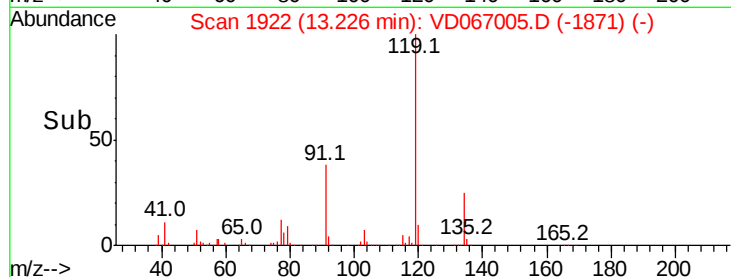
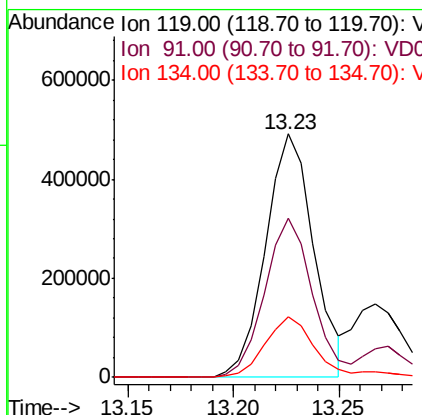
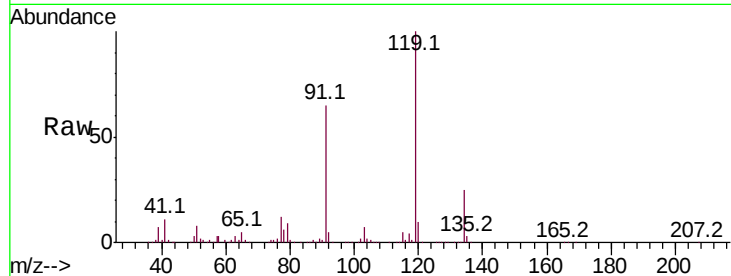




#83
tert-Butylbenzene
Concen: 52.667 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

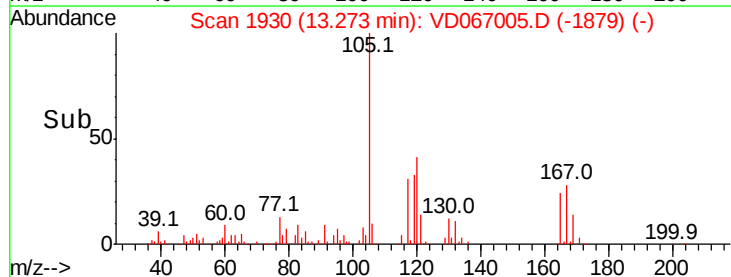
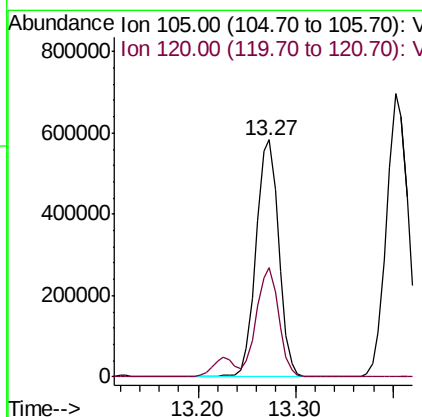
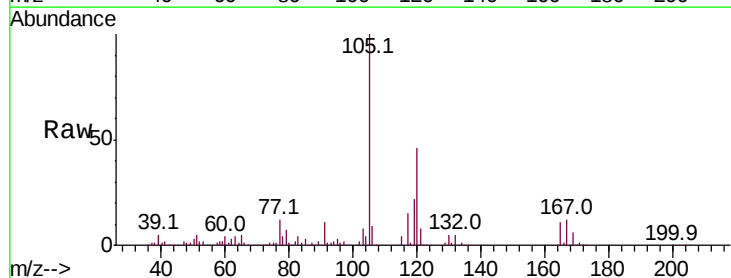
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

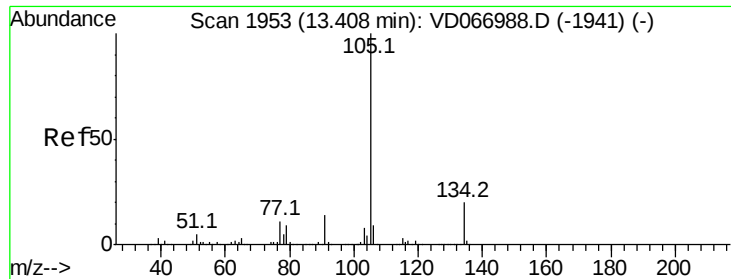
Tot Ion:119 Resp: 779798
Ion Ratio Lower Upper
119 100
91 65.3 32.8 98.3
134 26.6 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 54.114 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion:105 Resp: 949515
Ion Ratio Lower Upper
105 100
120 45.1 23.3 69.8





#85

sec-Butylbenzene

Concen: 51.864 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

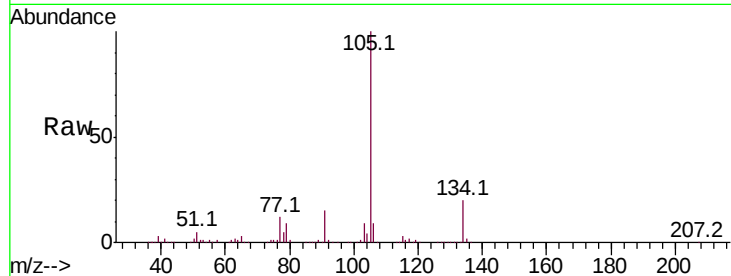
VSTDCCC050EC

Tot Ion:105 Resp: 1081410

Ion Ratio Lower Upper

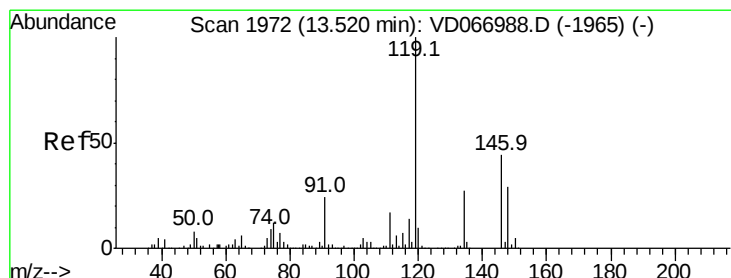
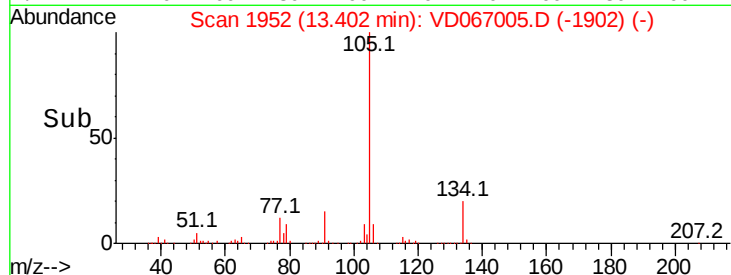
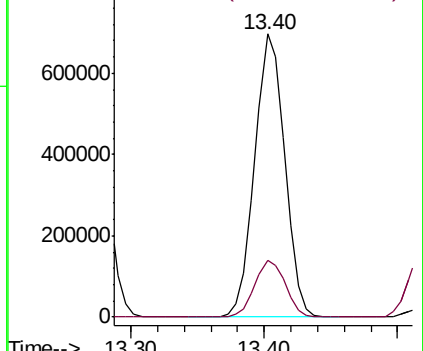
105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.195 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

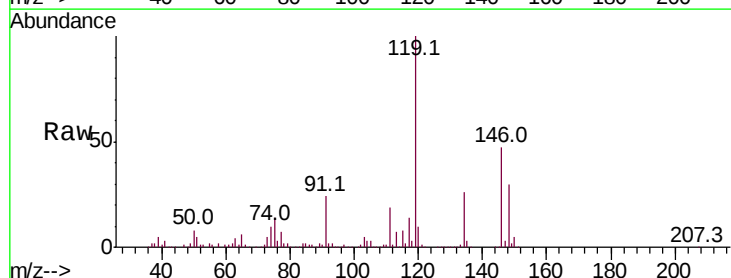
Tgt Ion:119 Resp: 1008977

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

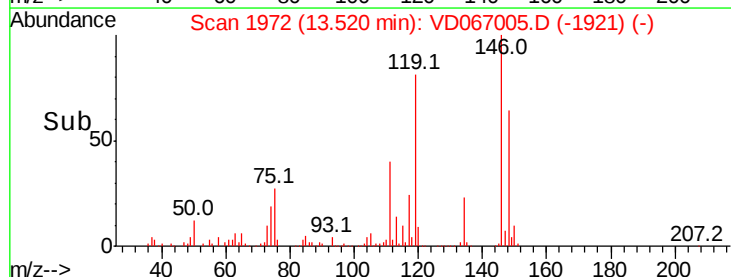
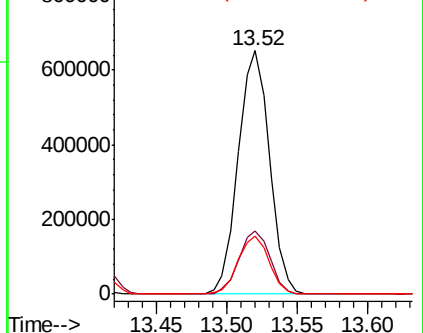
91 23.3 11.7 35.1

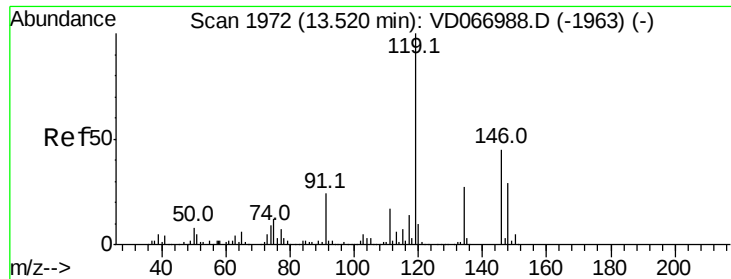


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.534 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

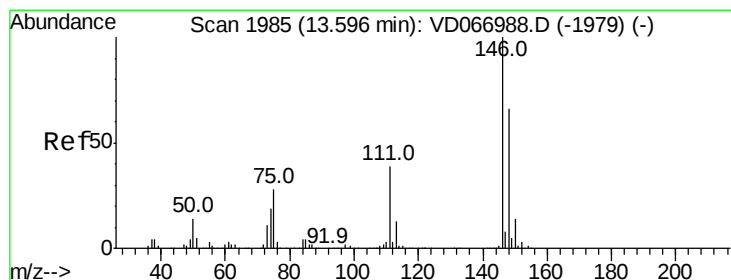
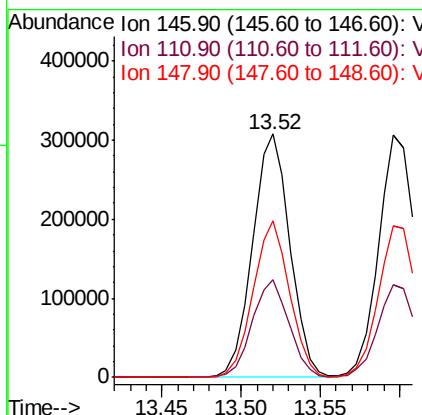
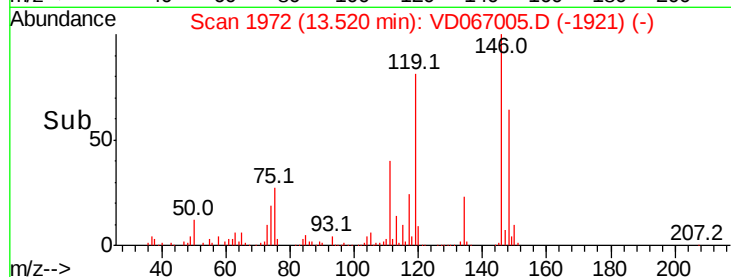
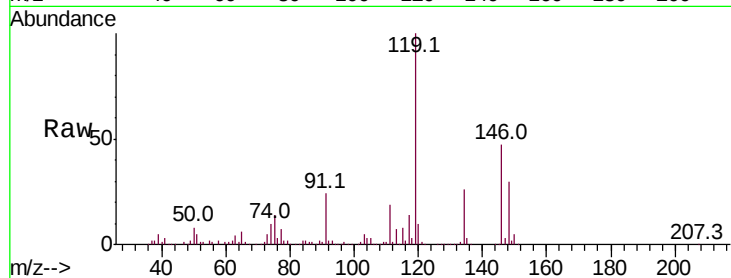
Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 504398

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	62.7	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 50.960 ug/l

RT: 13.60 min Scan# 1985

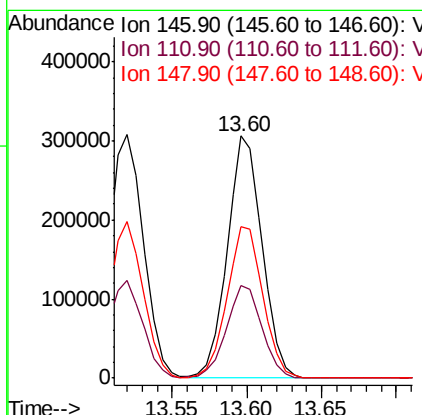
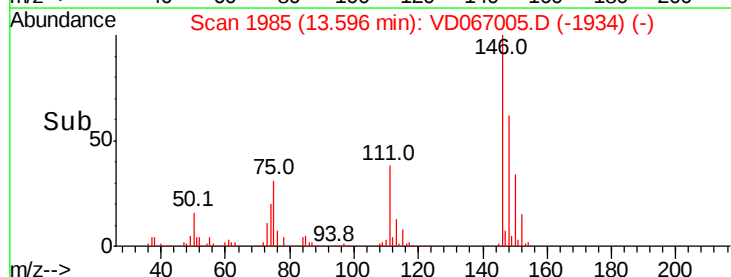
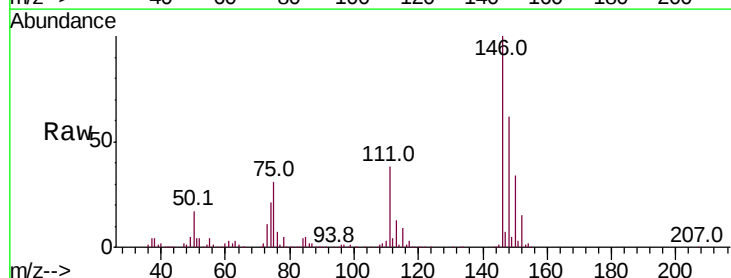
Delta R.T. 0.00 min

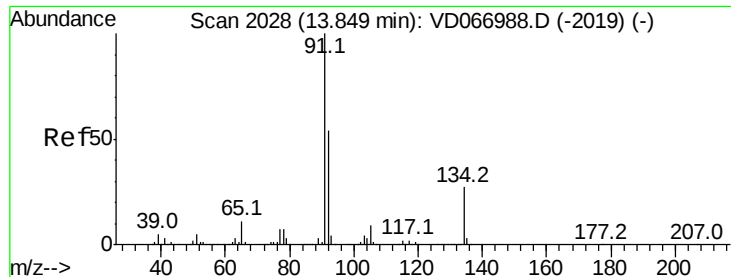
Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Tgt Ion:146 Resp: 498733

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	64.2	32.6	97.7

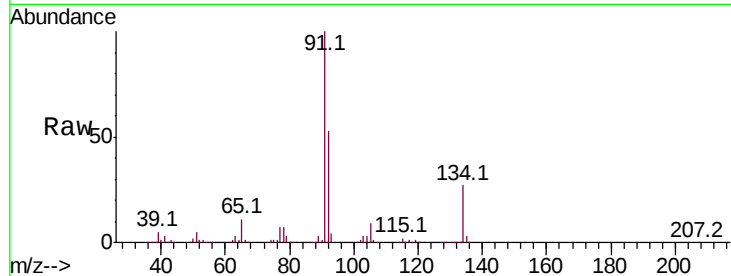




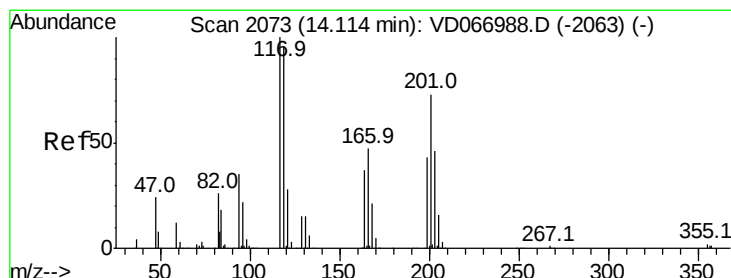
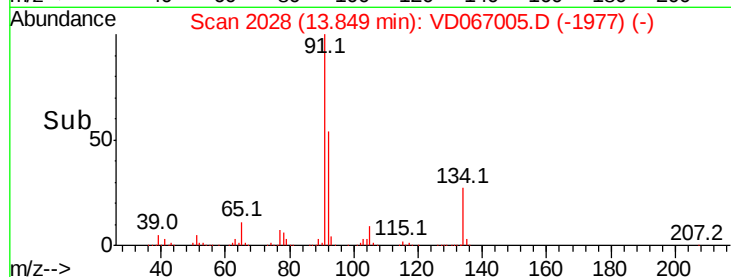
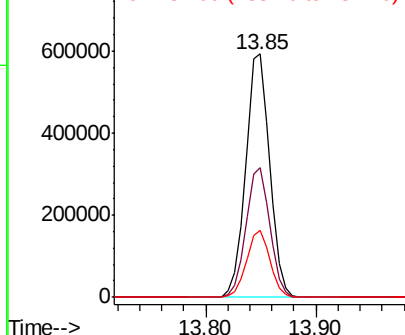
#89
n-Butylbenzene
Concen: 51.231 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 905082
Ion Ratio Lower Upper
91 100
92 53.2 27.1 81.2
134 26.8 13.6 40.8

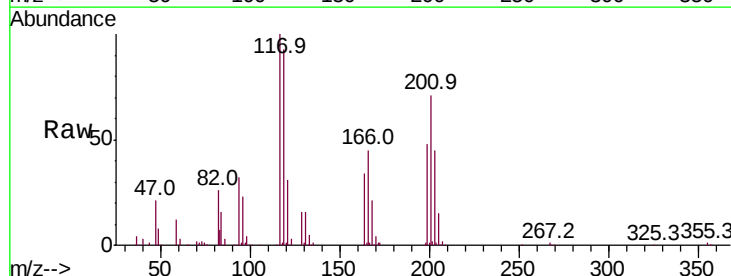


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V

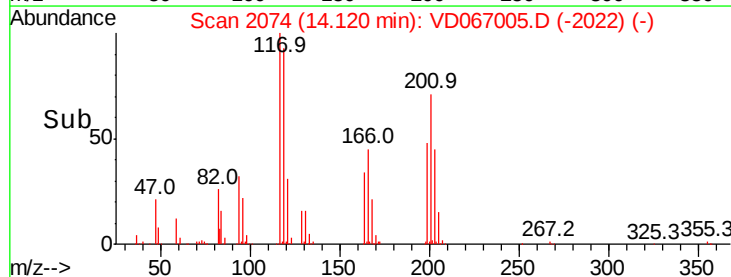
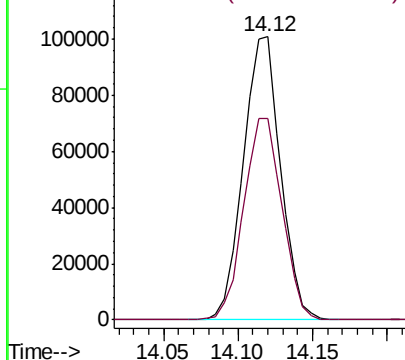


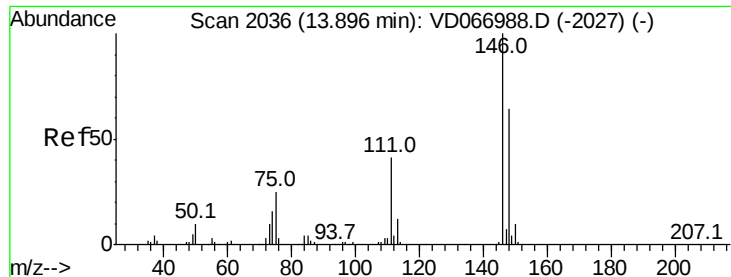
#90
Hexachloroethane
Concen: 51.270 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion: 117 Resp: 173608
Ion Ratio Lower Upper
117 100
201 73.3 37.0 110.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 51.579 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

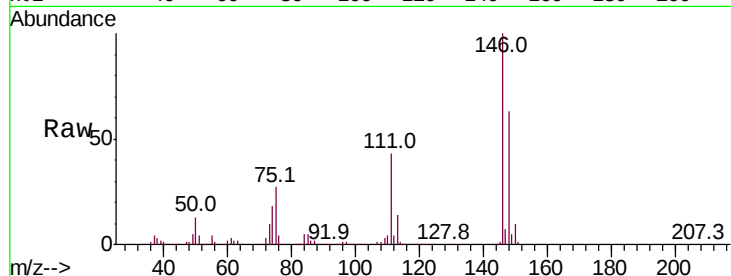
Tot Ion:146 Resp: 440896

Ion Ratio Lower Upper

146 100

111 41.9 20.9 62.7

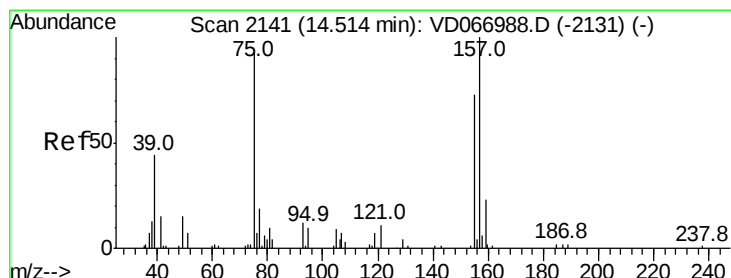
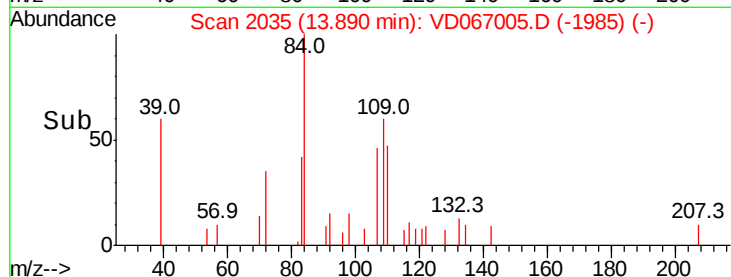
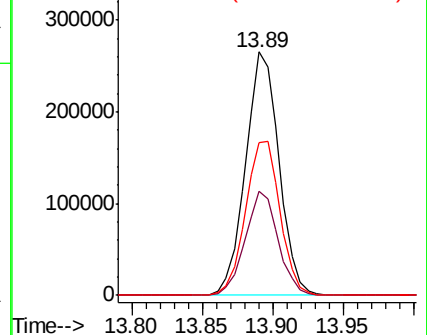
148 65.2 32.3 96.9



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: 51.932 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

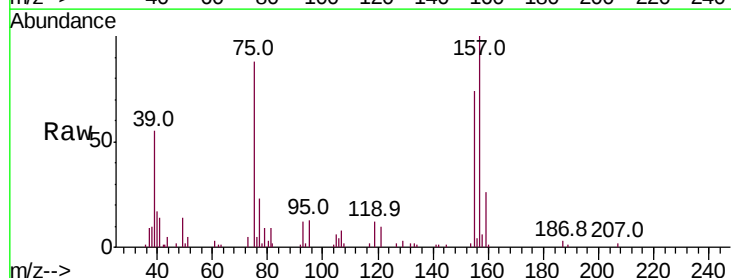
Tgt Ion: 75 Resp: 29352

Ion Ratio Lower Upper

75 100

155 83.2 45.2 135.6

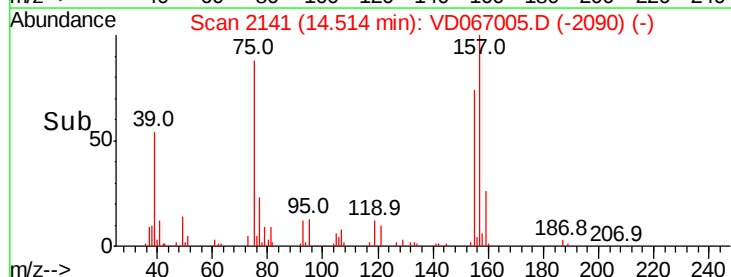
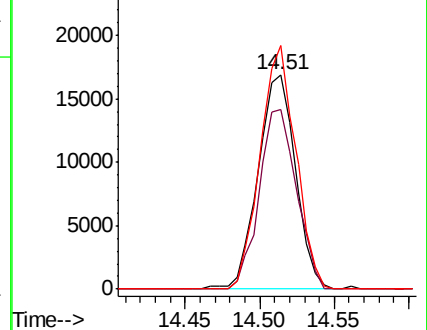
157 107.5 56.3 168.8

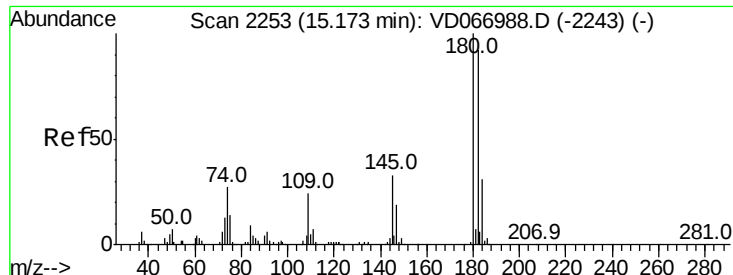


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

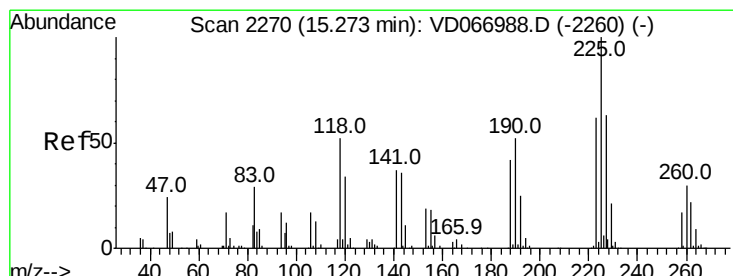
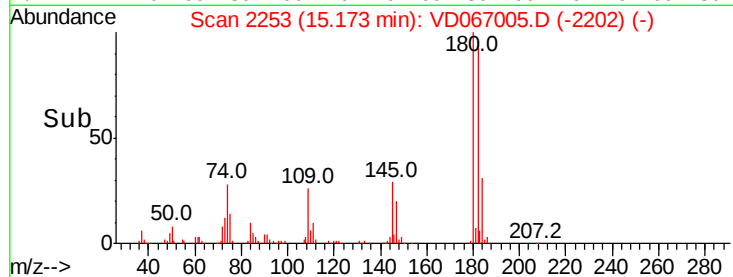
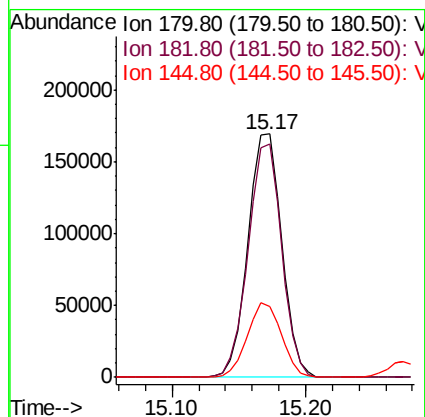
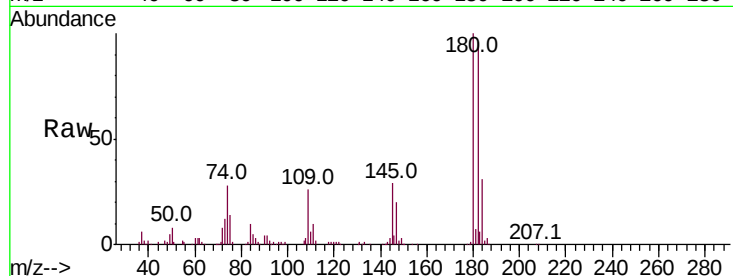




#93
 1,2,4-Trichlorobenzene
 Concen: 53.462 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

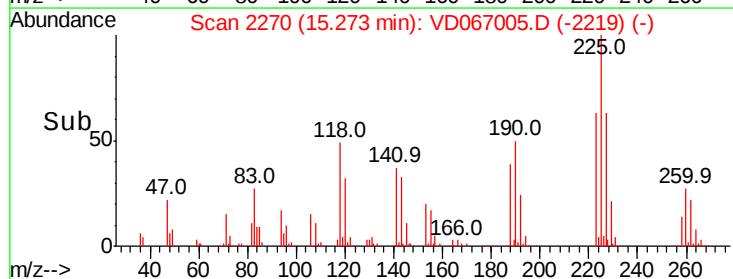
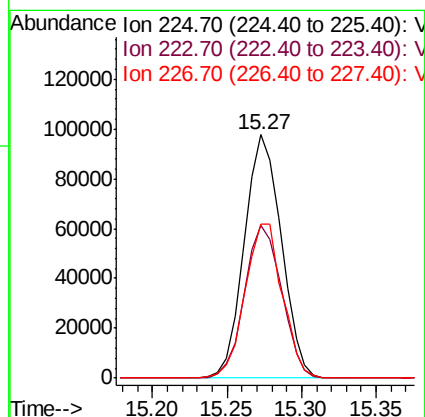
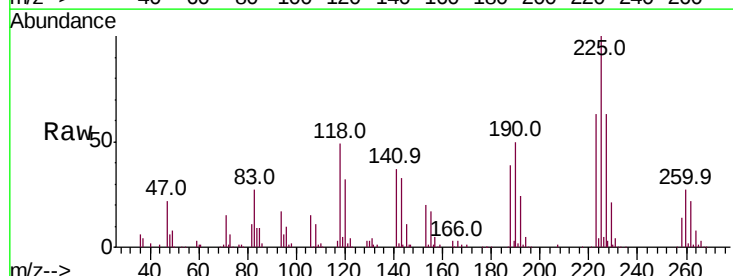
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

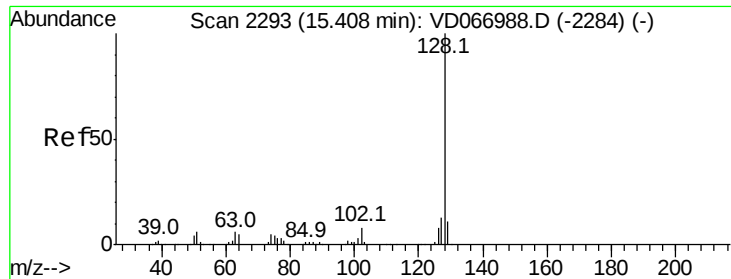
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	30.8	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 49.444 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.4	97.0
227	63.7	31.6	95.0

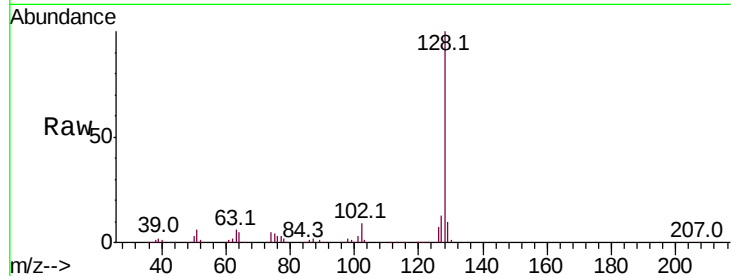




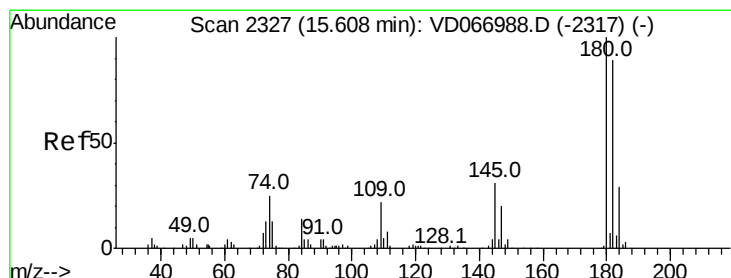
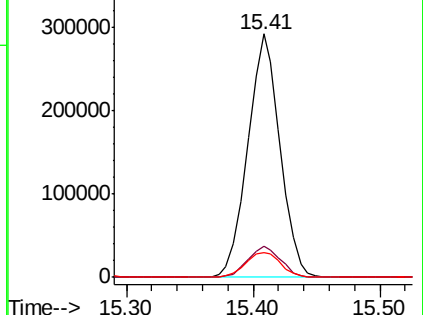
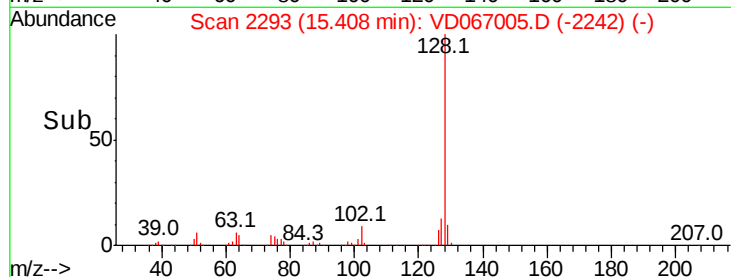
#95
Naphthalene
Concen: 55.701 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 513692
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0

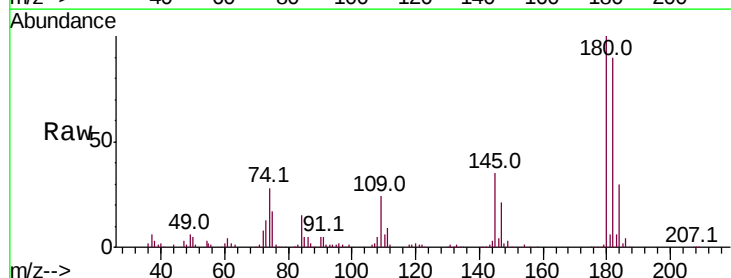


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.511 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion:180 Resp: 256839
Ion Ratio Lower Upper
180 100
182 92.8 46.4 139.1
145 33.9 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

