

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062620\
 Data File : VD065876.D
 Acq On : 26 Jun 2020 12:05
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 26 18:46:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 18:33:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	158831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	255225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	235218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	113380	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	84290	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	7.91	113	81704	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
50) Toluene-d8	10.34	98	301270	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.64	95	102016	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	71103	47.387	ug/l	100
3) Chloromethane	2.21	50	104565	49.187	ug/l	100
4) Vinyl Chloride	2.35	62	117513	50.942	ug/l	100
5) Bromomethane	2.77	94	76285	50.636	ug/l	100
6) Chloroethane	2.93	64	73948	50.002	ug/l	100
7) Trichlorofluoromethane	3.27	101	150401	50.597	ug/l	100
8) Diethyl Ether	3.70	74	38897	51.375	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	84121	50.569	ug/l	100
10) Methyl Iodide	4.30	142	88404	57.207	ug/l	100
11) Tert butyl alcohol	5.22	59	20706	226.991	ug/l	100
12) 1,1-Dichloroethene	4.07	96	78636	49.784	ug/l	100
13) Acrolein	3.93	56	28745	247.184	ug/l	100
14) Allyl chloride	4.71	41	122709	49.985	ug/l	100
15) Acrylonitrile	5.42	53	85772	260.243	ug/l	100
16) Acetone	4.16	43	87251	268.462	ug/l	100
17) Carbon Disulfide	4.41	76	263519	50.578	ug/l	100
18) Methyl Acetate	4.71	43	35035	50.557	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	177063	52.306	ug/l	100
20) Methylene Chloride	4.96	84	89377	45.388	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	89405	50.274	ug/l	100
22) Diisopropyl ether	6.37	45	267998	52.988	ug/l	100
23) Vinyl Acetate	6.31	43	788982	268.542	ug/l	100
24) 1,1-Dichloroethane	6.26	63	156659	51.086	ug/l	100
25) 2-Butanone	7.21	43	115917	268.509	ug/l	100
26) 2,2-Dichloropropane	7.21	77	142565	51.215	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	99726	52.160	ug/l	100
28) Bromochloromethane	7.54	49	56111	49.782	ug/l	100
29) Tetrahydrofuran	7.57	42	70385	263.182	ug/l	100
30) Chloroform	7.71	83	165415	51.099	ug/l	100
31) Cyclohexane	7.98	56	142403	48.767	ug/l	100
32) 1,1,1-Trichloroethane	7.91	97	153591	51.088	ug/l	100
36) 1,1-Dichloropropene	8.11	75	131612	52.244	ug/l	100
37) Ethyl Acetate	7.30	43	49335	51.389	ug/l #	100
38) Carbon Tetrachloride	8.10	117	140516	52.392	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	157581	53.600	ug/l	100
40) Benzene	8.35	78	351436	50.634	ug/l	100
41) Methacrylonitrile	7.53	41	25726m	43.143	ug/l	
42) 1,2-Dichloroethane	8.43	62	105656	52.068	ug/l	100
43) Isopropyl Acetate	8.46	43	99555	53.544	ug/l	100
44) Trichloroethene	9.11	130	98284	53.195	ug/l	100
45) 1,2-Dichloropropane	9.39	63	88113	52.612	ug/l	100
46) Dibromomethane	9.48	93	48414	53.656	ug/l	100
47) Bromodichloromethane	9.67	83	128254	52.201	ug/l	100
48) Methyl methacrylate	9.46	41	45687	50.284	ug/l	100
49) 1,4-Dioxane	9.46	88	9891	985.248	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	254390	271.056	ug/l	100
52) Toluene	10.40	92	228659	51.327	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	122318	53.941	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	143708	52.965	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	63012	52.051	ug/l	100
56) Ethyl methacrylate	10.66	69	82338	54.891	ug/l	100
57) 1,3-Dichloropropane	10.95	76	113975	53.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	163597	249.163	ug/l	100
59) 2-Hexanone	10.98	43	176317	265.746	ug/l	100
60) Dibromochloromethane	11.14	129	85608	52.432	ug/l	100
61) 1,2-Dibromoethane	11.25	107	62405	53.029	ug/l	100
64) Tetrachloroethene	10.88	164	79196	51.786	ug/l	100
65) Chlorobenzene	11.67	112	237534	51.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	87758	51.067	ug/l	100
67) Ethyl Benzene	11.75	91	445155	51.751	ug/l	100
68) m/p-Xylenes	11.86	106	343969	104.830	ug/l	100
69) o-Xylene	12.18	106	153146	52.082	ug/l	100
70) Styrene	12.20	104	270607	52.585	ug/l	100
71) Bromoform	12.37	173	46769	51.087	ug/l #	100
73) Isopropylbenzene	12.48	105	424478	52.352	ug/l	100
74) N-amyl acetate	12.29	43	96479	54.492	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	69186	51.756	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	50675m	53.911	ug/l	
77) Bromobenzene	12.77	156	94351	51.697	ug/l	100
78) n-propylbenzene	12.83	91	513154	52.407	ug/l	100
79) 2-Chlorotoluene	12.91	91	279138	51.879	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	355898	52.677	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	24035	52.646	ug/l	100
82) 4-Chlorotoluene	13.01	91	301842	52.167	ug/l	100
83) tert-Butylbenzene	13.23	119	304809	53.080	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	355696	52.905	ug/l	100
85) sec-Butylbenzene	13.41	105	430195	53.025	ug/l	100
86) p-Isopropyltoluene	13.52	119	397436	53.351	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	186212	52.381	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	183832	51.725	ug/l	100
89) n-Butylbenzene	13.85	91	383464	53.093	ug/l	100
90) Hexachloroethane	14.11	117	78295	52.128	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	163408	52.603	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11783	55.027	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Jun 26 18:33:50 2020
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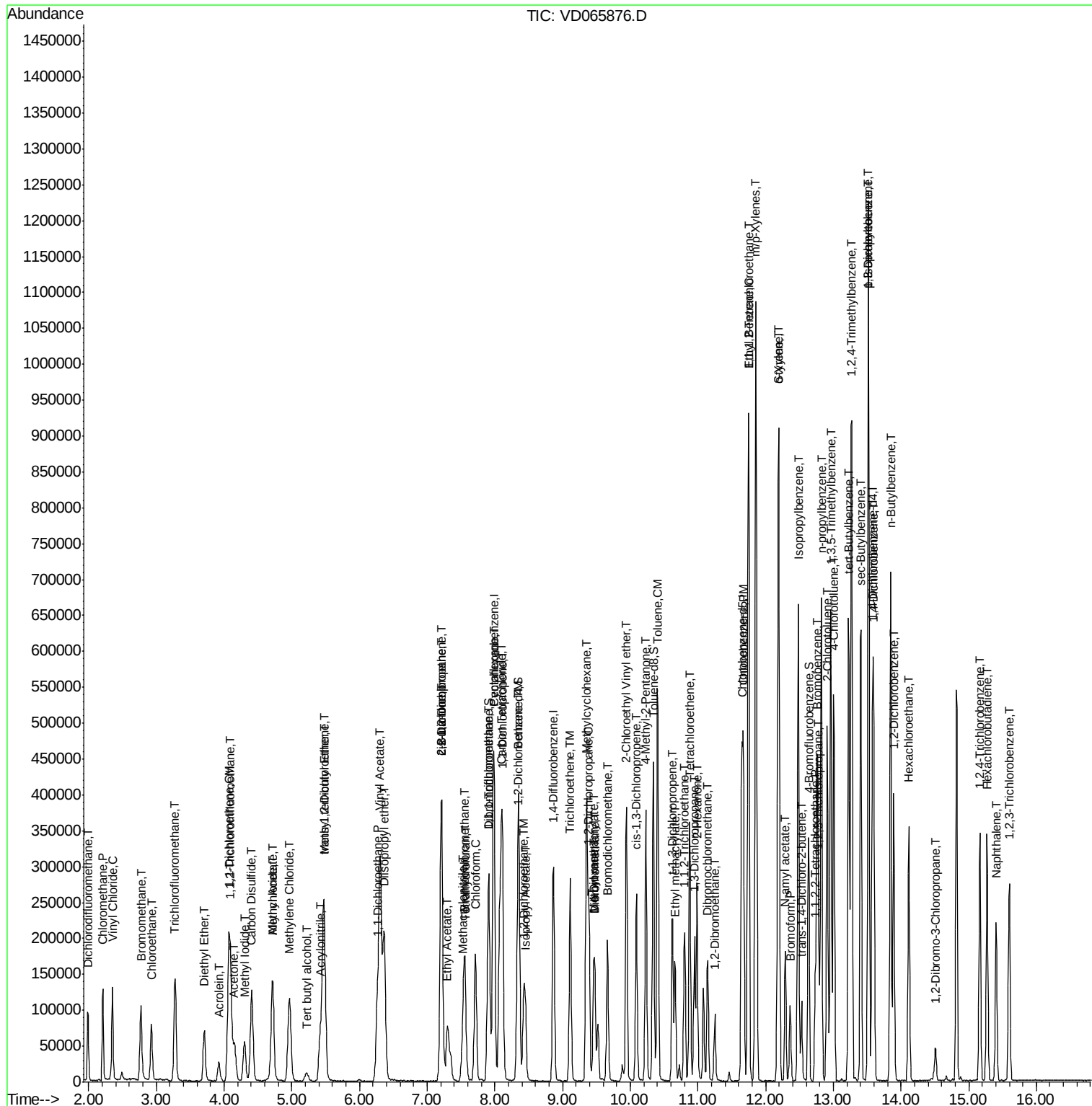
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	106128	52.882	ug/l	100
94) Hexachlorobutadiene	15.27	225	61023	55.268	ug/l	100
95) Naphthalene	15.41	128	192536	55.106	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	87032	52.490	ug/l	100

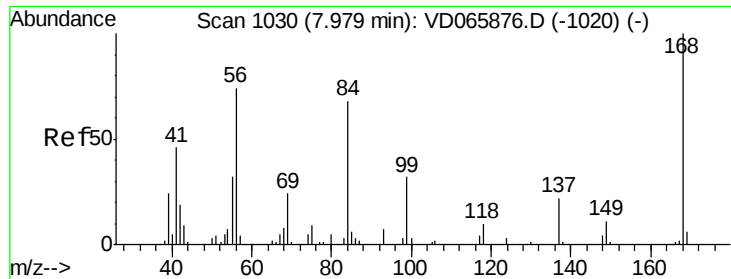
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

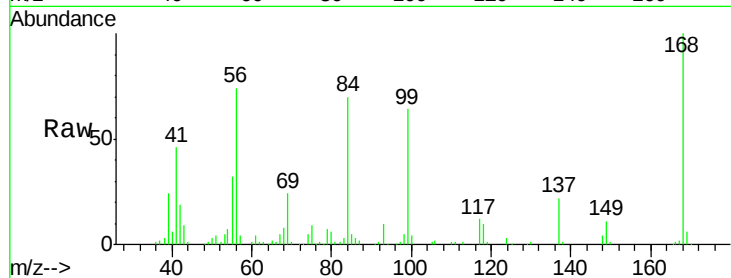
VSTDICCC050

Tot Ion:168 Resp: 158831

Ion Ratio Lower Upper

168 100

99 64.1 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

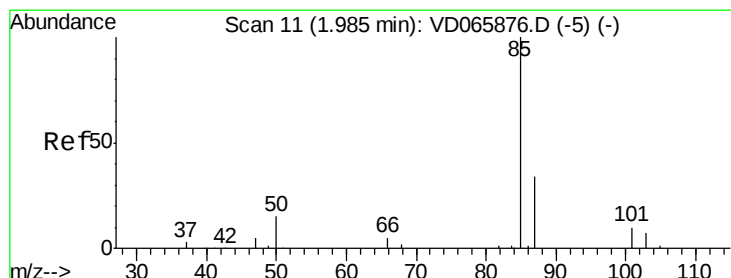
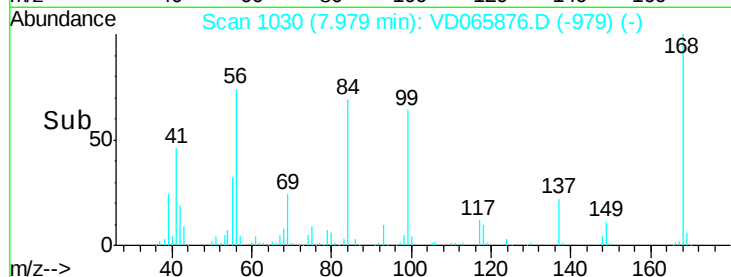
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.387 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065876.D

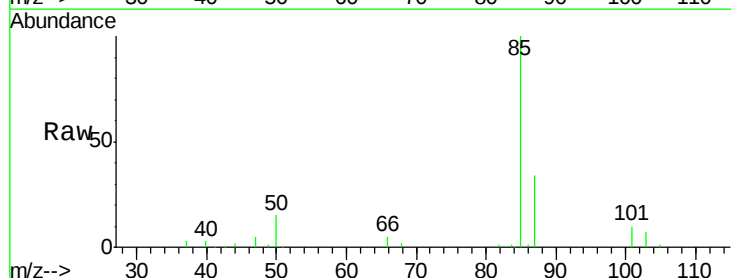
Acq: 26 Jun 2020 12:05

Tgt Ion: 85 Resp: 71103

Ion Ratio Lower Upper

85 100

87 34.5 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

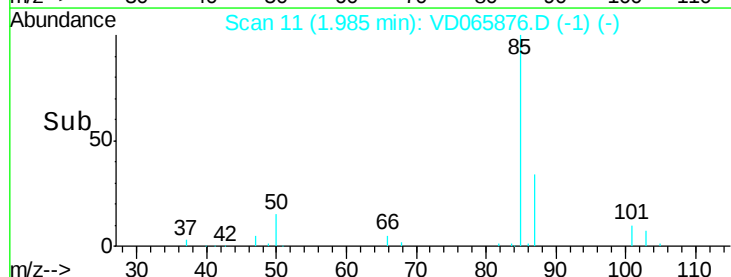
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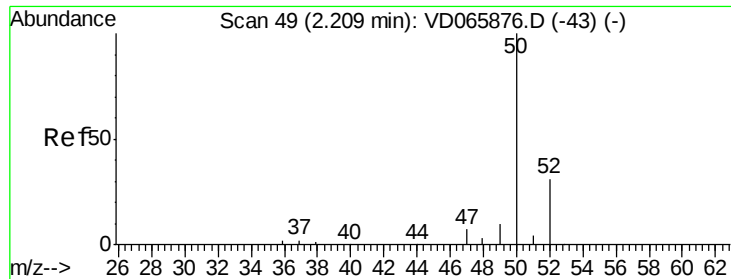
20000

10000

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Time-->





#3

Chloromethane

Concen: 49.187 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

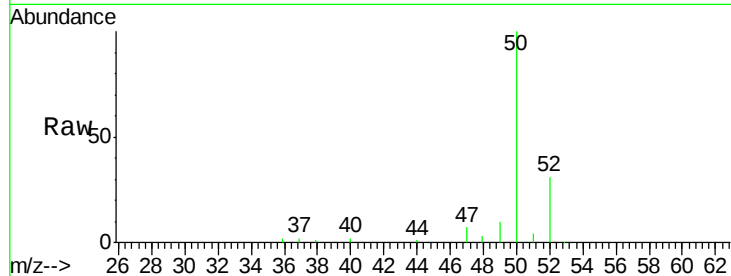
VSTDICCC050

Tot Ion: 50 Resp: 104565

Ion Ratio Lower Upper

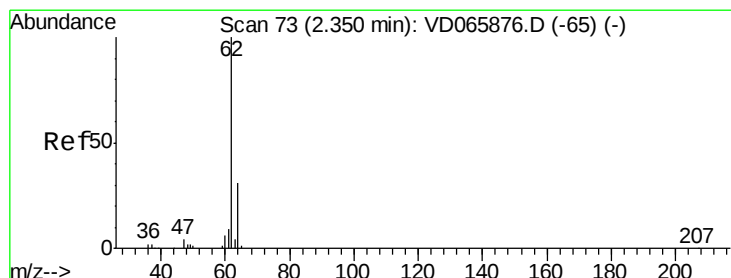
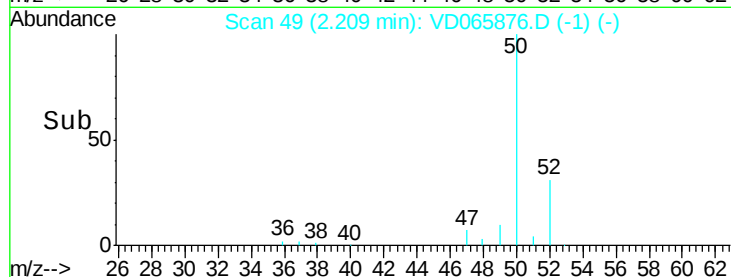
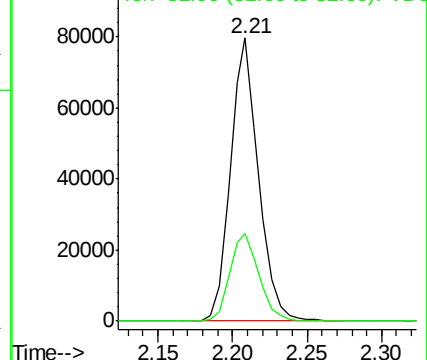
50 100

52 30.9 24.7 37.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 50.942 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065876.D

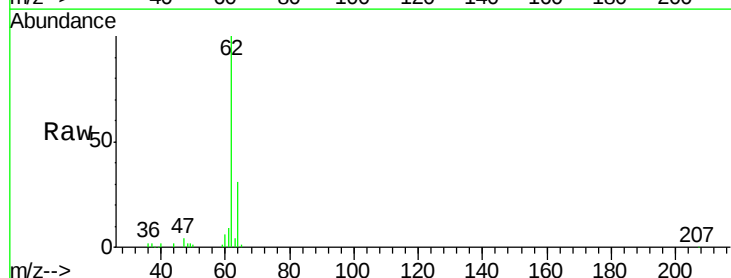
Acq: 26 Jun 2020 12:05

Tgt Ion: 62 Resp: 117513

Ion Ratio Lower Upper

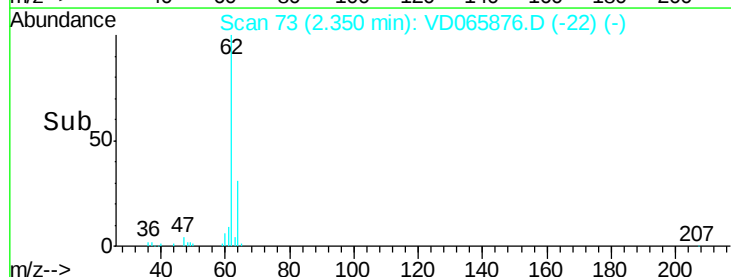
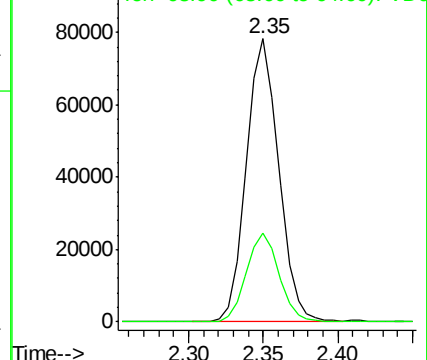
62 100

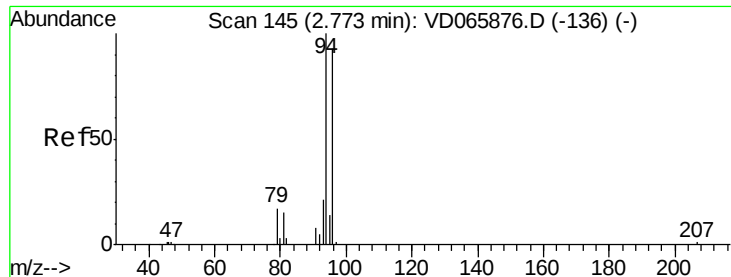
64 31.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 50.636 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

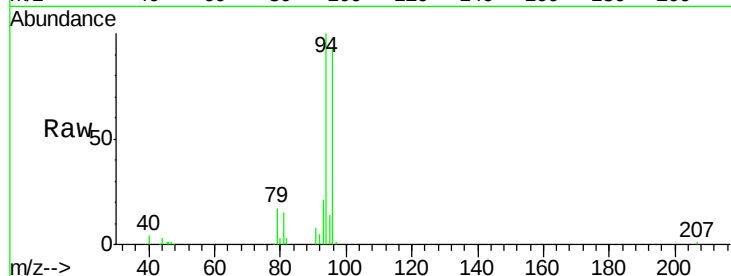
VSTDICCC050

Tot Ion: 94 Resp: 76285

Ion Ratio Lower Upper

94 100

96 92.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

30000

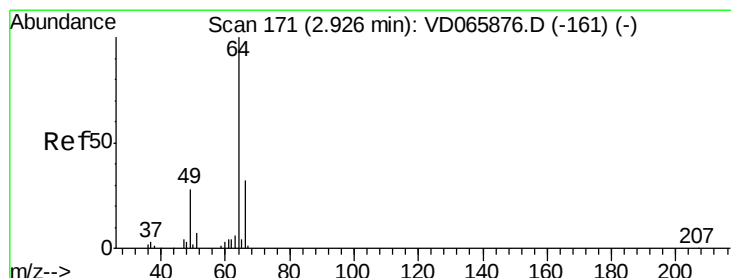
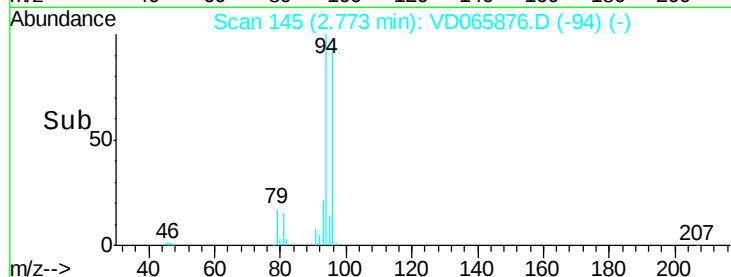
20000

10000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 50.002 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065876.D

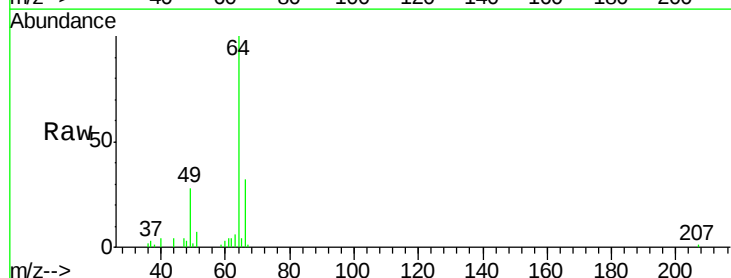
Acq: 26 Jun 2020 12:05

Tgt Ion: 64 Resp: 73948

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

40000

30000

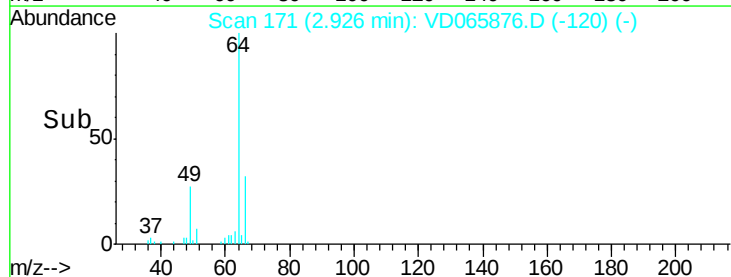
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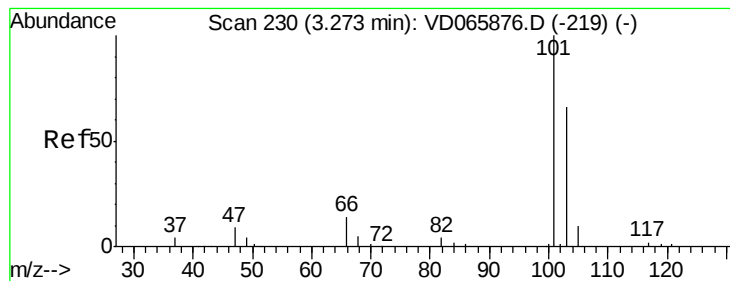
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0

2.85 2.90 2.95 3.00

Time-->



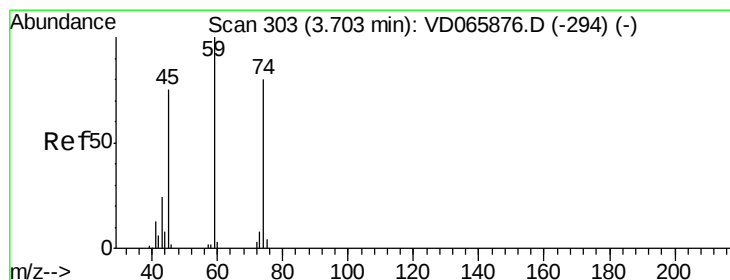
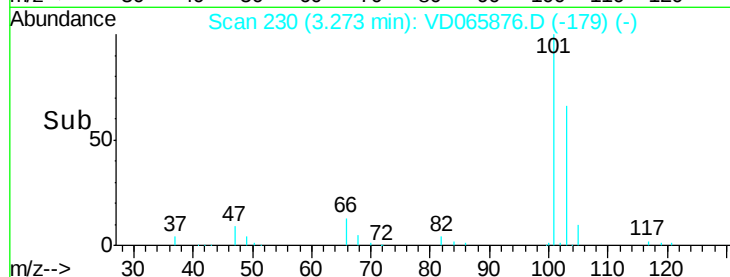
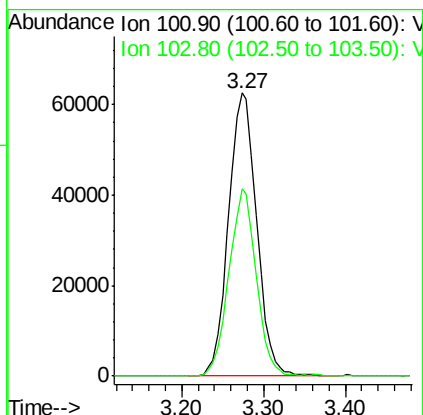
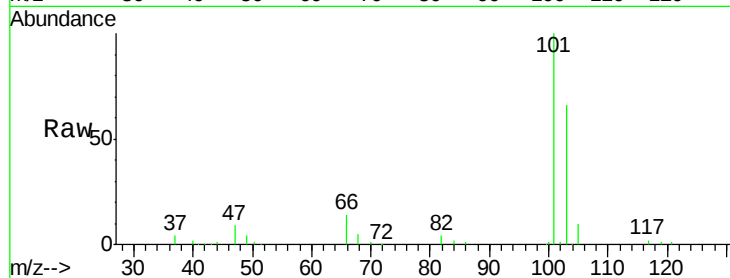


#7

Trichlorofluoromethane
 Concen: 50.597 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

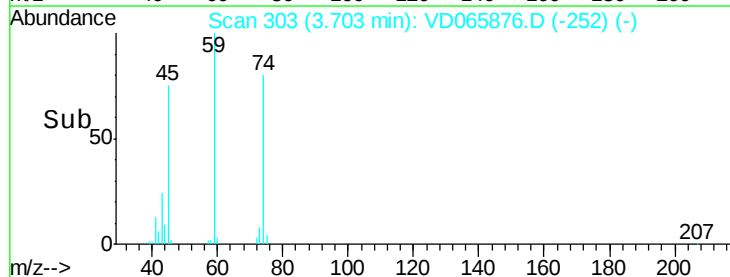
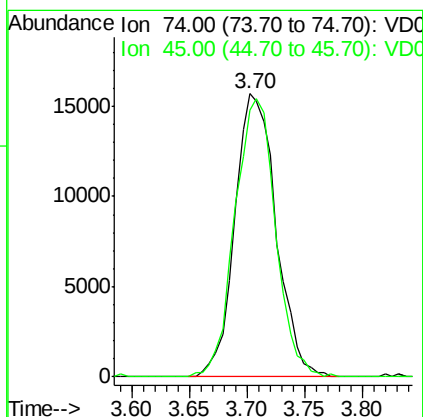
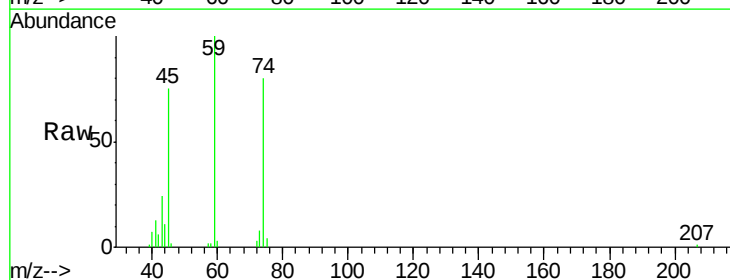
Tot Ion:101 Resp: 150401
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.9 79.3

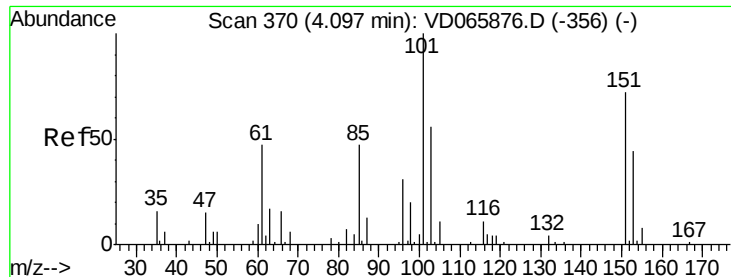


#8

Diethyl Ether
 Concen: 51.375 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

Tgt Ion: 74 Resp: 38897
 Ion Ratio Lower Upper
 74 100
 45 97.2 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.569 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

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VSTDICCC050

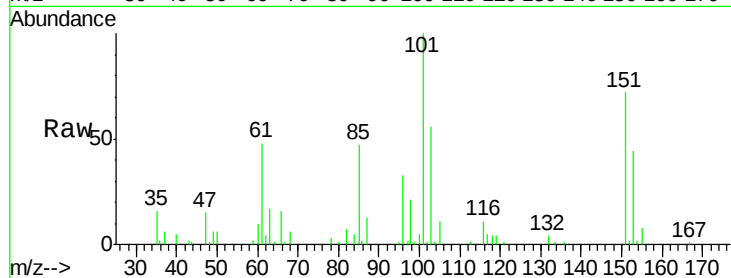
Tot Ion:101 Resp: 84121

Ion Ratio Lower Upper

101 100

85 48.3 38.6 58.0

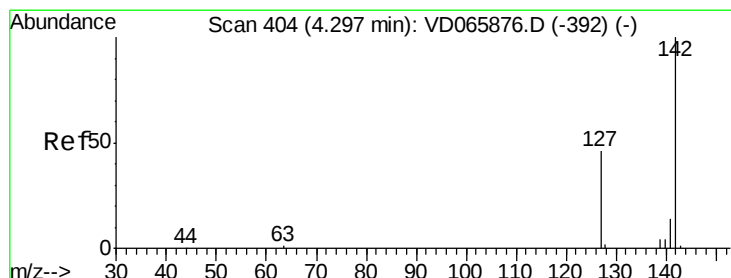
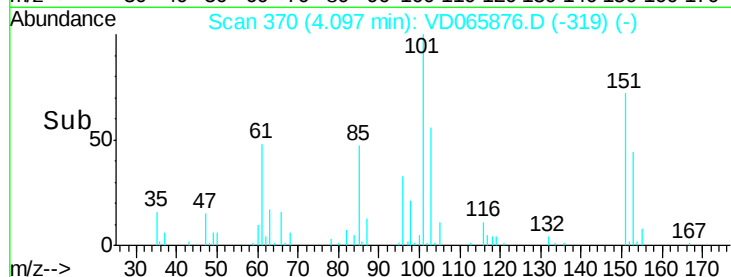
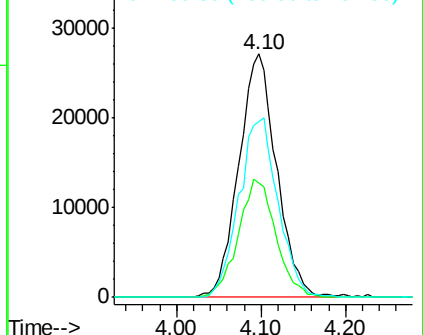
151 75.9 60.7 91.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.207 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

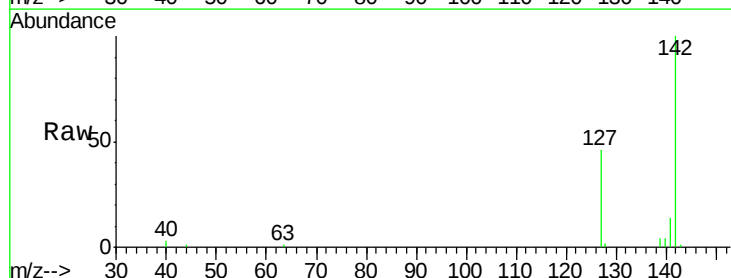
Tgt Ion:142 Resp: 88404

Ion Ratio Lower Upper

142 100

127 48.8 39.0 58.6

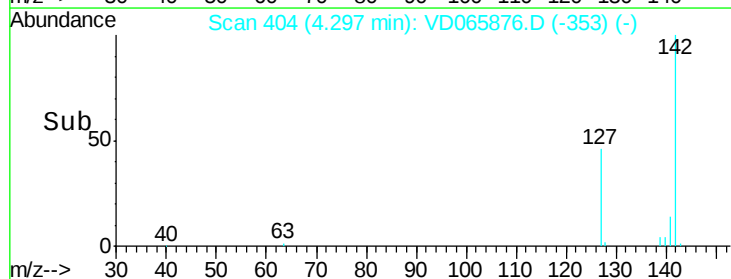
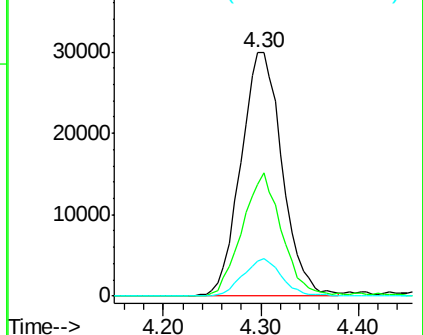
141 14.4 11.5 17.3

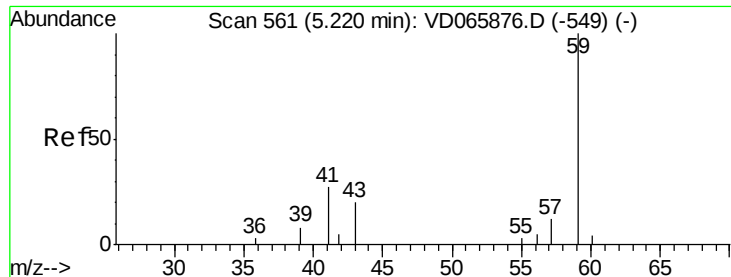


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

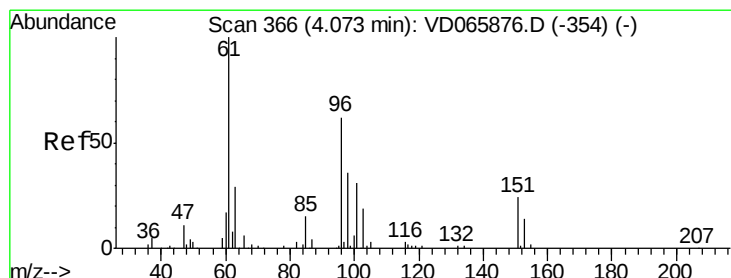
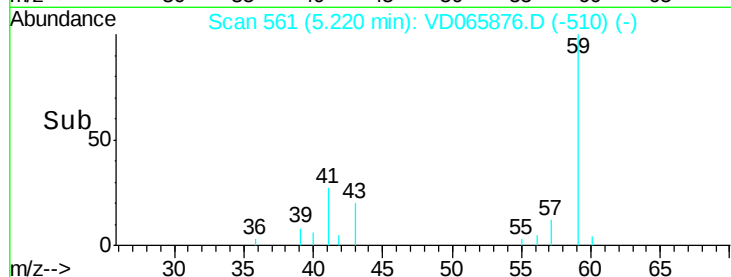
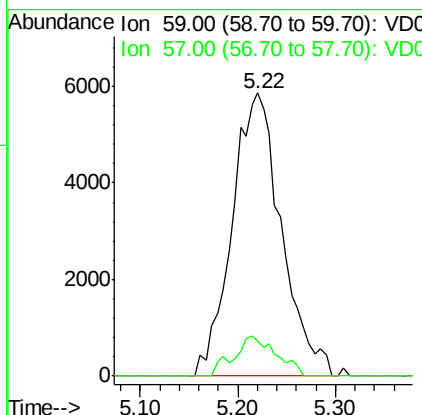
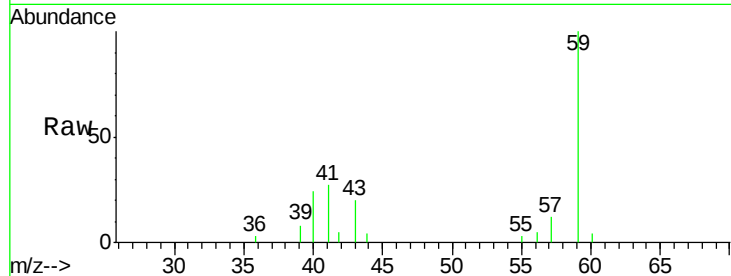




#11
Tert butyl alcohol
Concen: 226.991 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

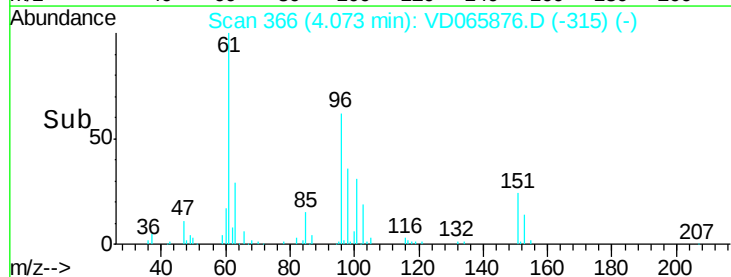
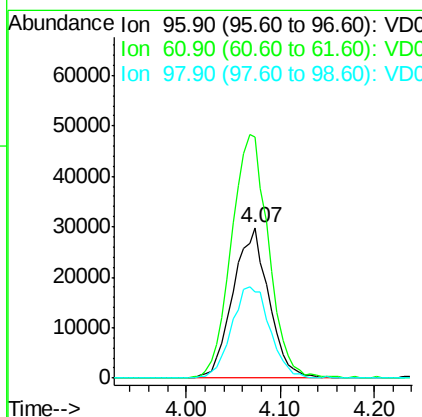
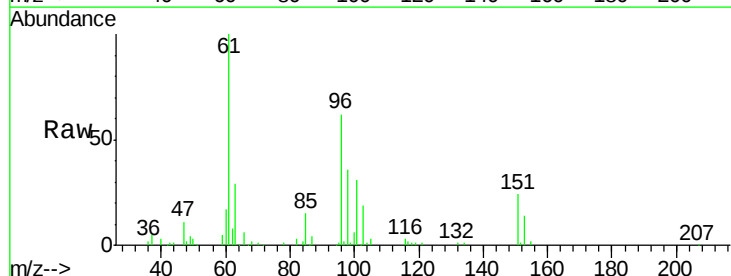
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

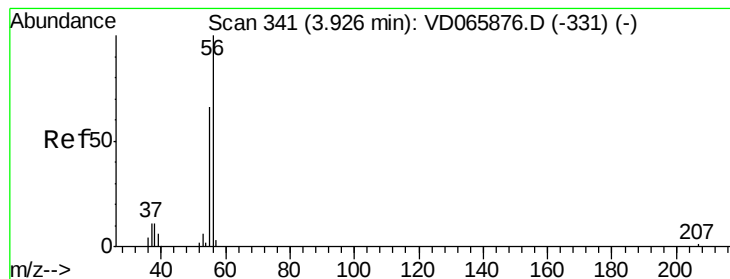
Tot Ion: 59 Resp: 20706
Ion Ratio Lower Upper
59 100
57 12.1 9.7 14.5



#12
1,1-Dichloroethene
Concen: 49.784 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 96 Resp: 78636
Ion Ratio Lower Upper
96 100
61 160.4 128.3 192.5
98 57.7 46.2 69.2





#13

Acrolein

Concen: 247.184 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

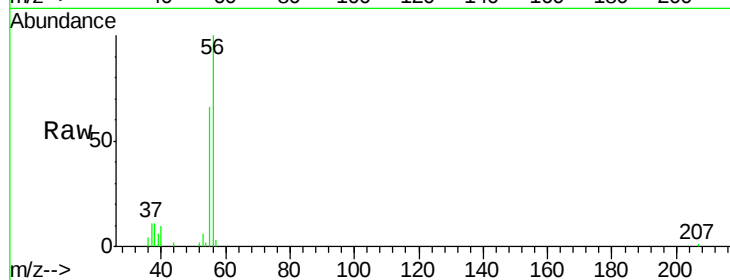
VSTDICCC050

Tot Ion: 56 Resp: 28745

Ion Ratio Lower Upper

56 100

55 72.6 58.1 87.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

12000

10000

8000

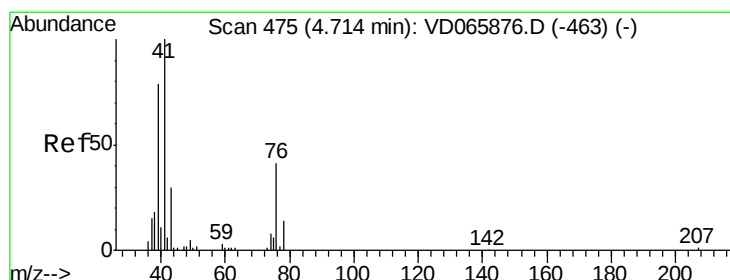
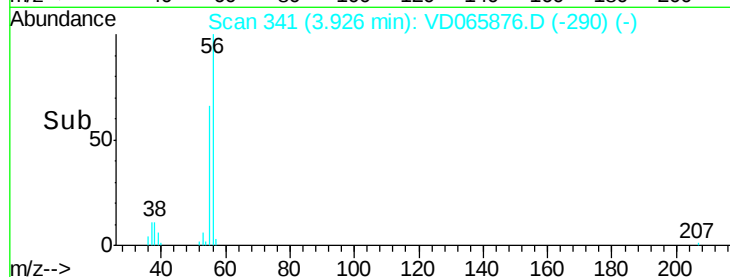
6000

4000

2000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 49.985 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

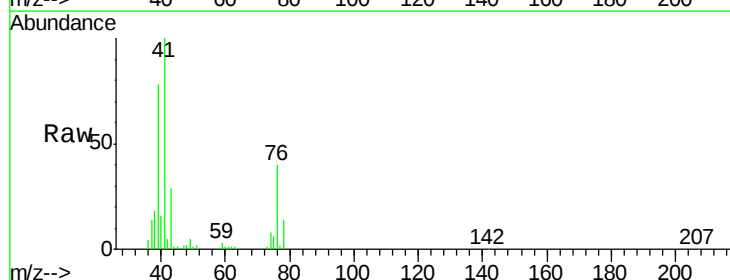
Tgt Ion: 41 Resp: 122709

Ion Ratio Lower Upper

41 100

39 79.8 63.8 95.8

76 40.3 32.2 48.4



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

50000

40000

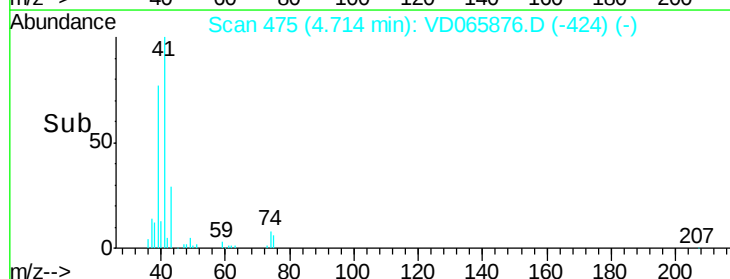
30000

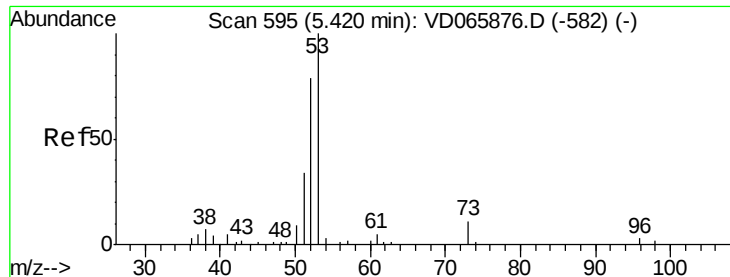
20000

10000

0

Time--> 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 260.243 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

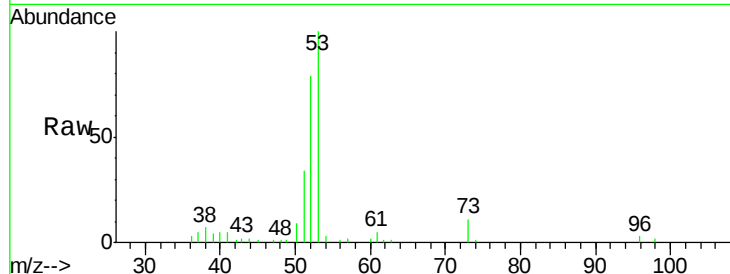
Tot Ion: 53 Resp: 85772

Ion Ratio Lower Upper

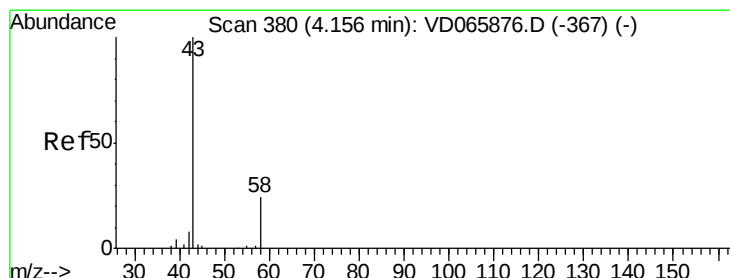
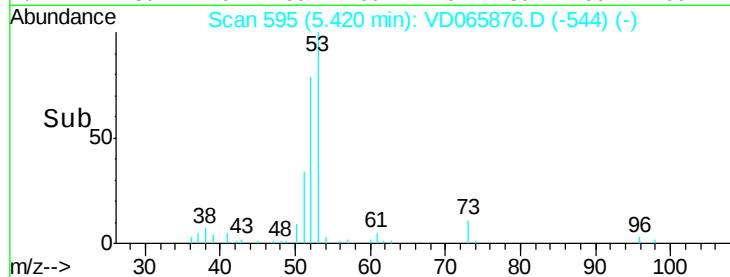
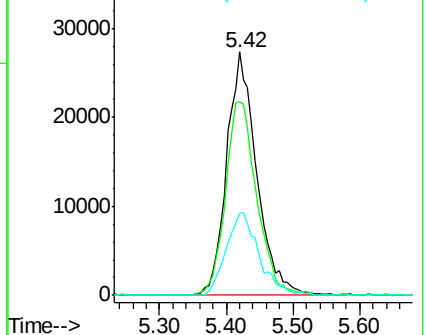
53 100

52 82.9 66.3 99.5

51 37.4 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 268.462 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065876.D

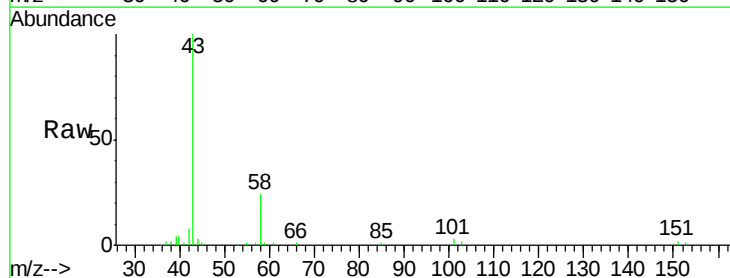
Acq: 26 Jun 2020 12:05

Tgt Ion: 43 Resp: 87251

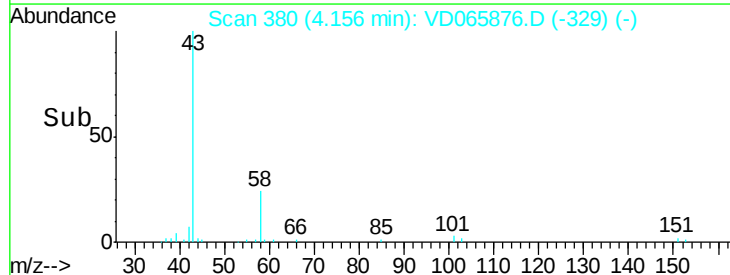
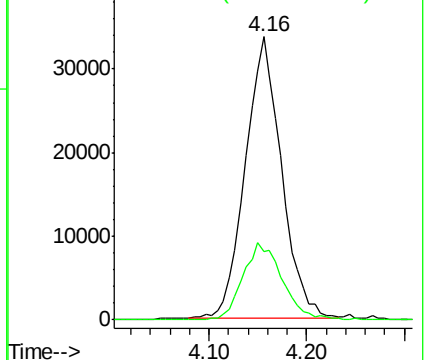
Ion Ratio Lower Upper

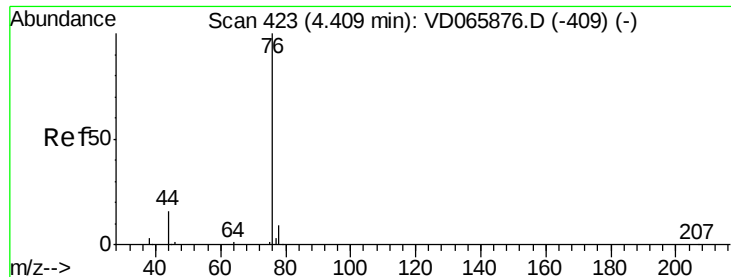
43 100

58 24.4 19.5 29.3



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

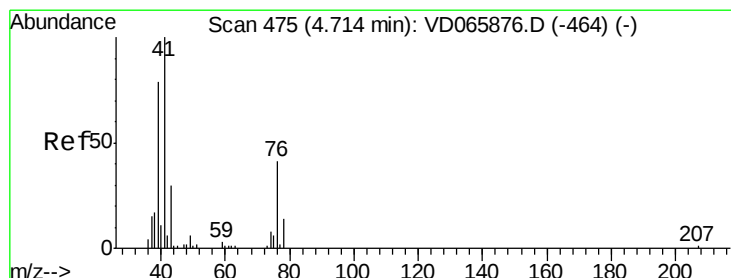
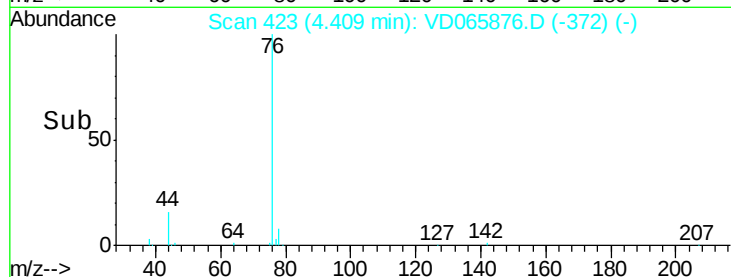
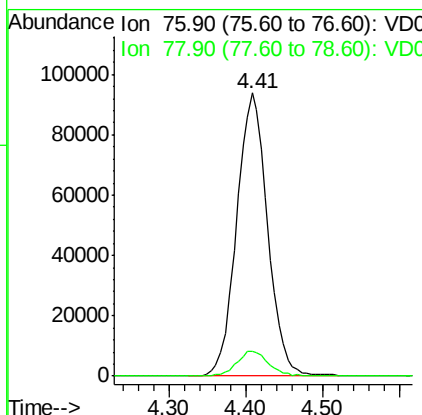
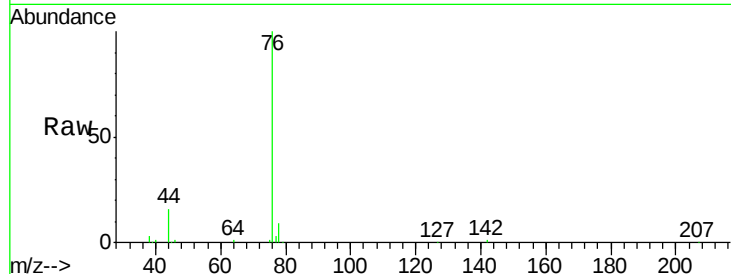




#17
Carbon Disulfide
Concen: 50.578 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

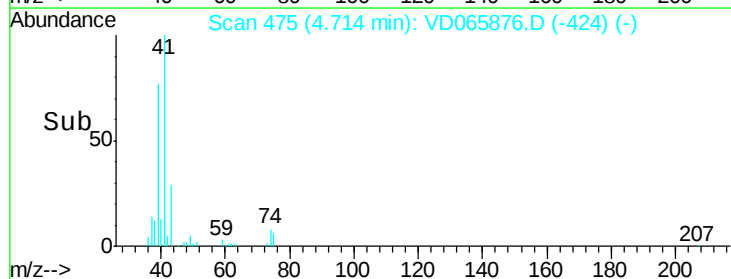
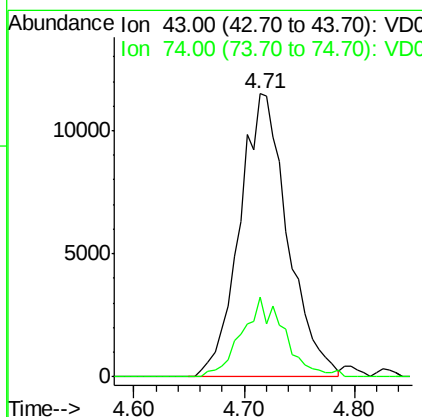
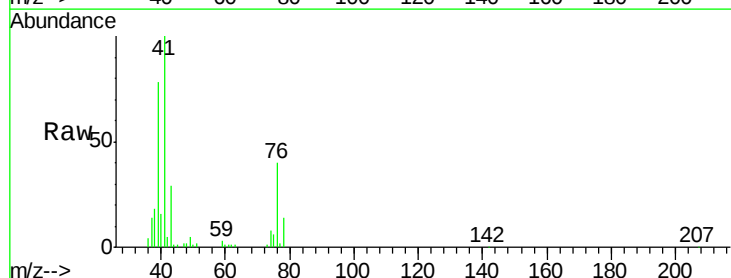
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

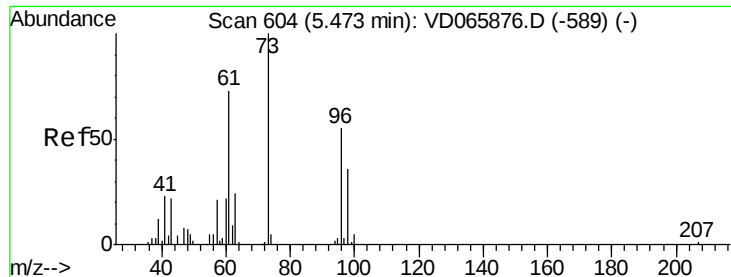
Tot Ion: 76 Resp: 263519
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 50.557 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 43 Resp: 35035
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2

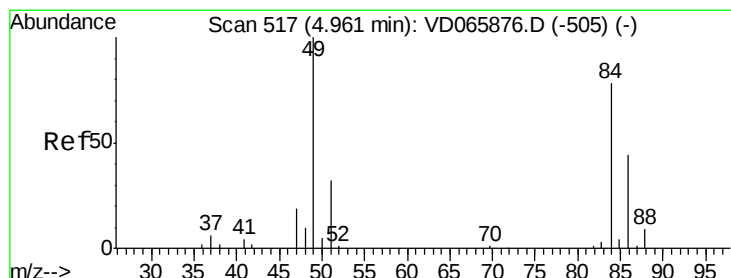
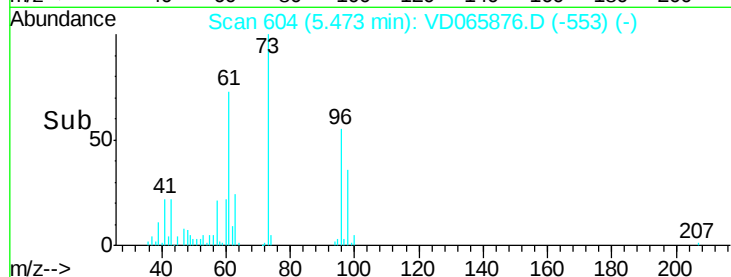
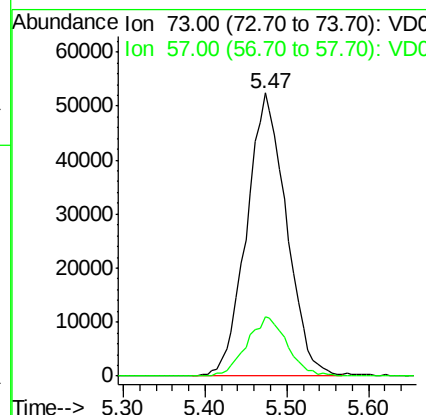
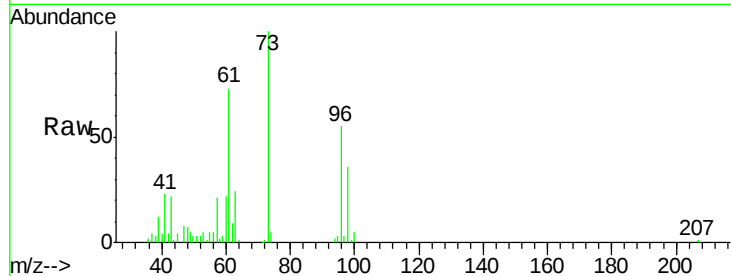




#19
Methyl tert-butyl Ether
Concen: 52.306 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

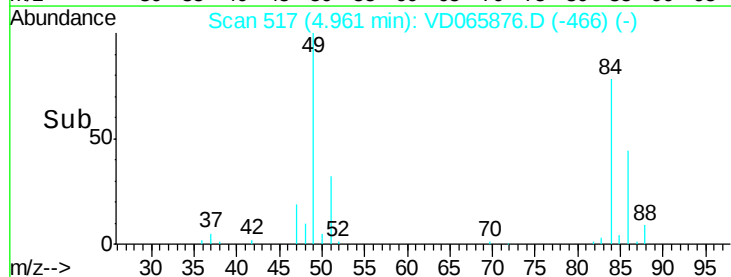
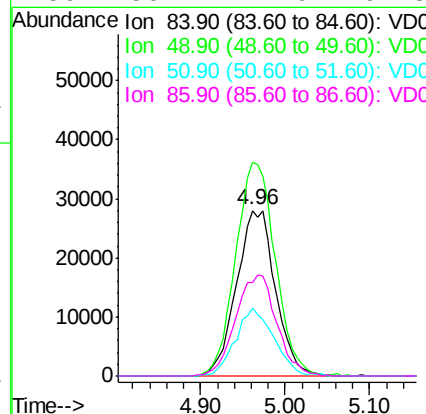
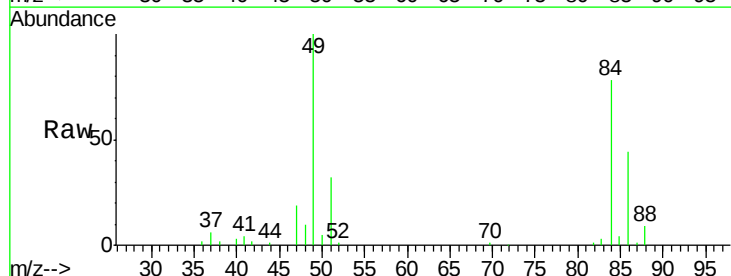
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

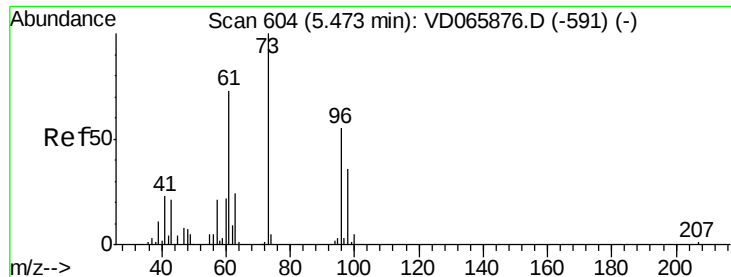
Tot Ion: 73 Resp: 177063
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4



#20
Methylene Chloride
Concen: 45.388 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 84 Resp: 89377
Ion Ratio Lower Upper
84 100
49 128.8 103.0 154.6
51 40.9 32.7 49.1
86 56.1 44.9 67.3





#21

trans-1,2-Dichloroethene

Concen: 50.274 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

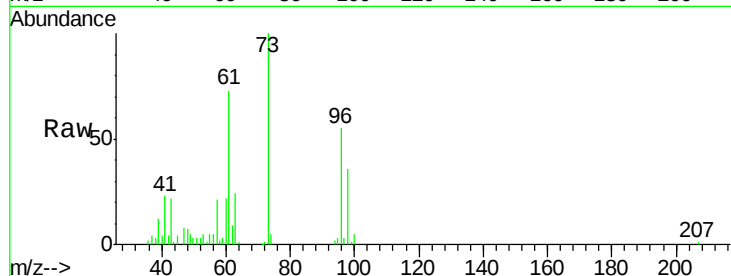
Tot Ion: 96 Resp: 89405

Ion Ratio Lower Upper

96 100

61 133.7 107.0 160.4

98 65.2 52.2 78.2

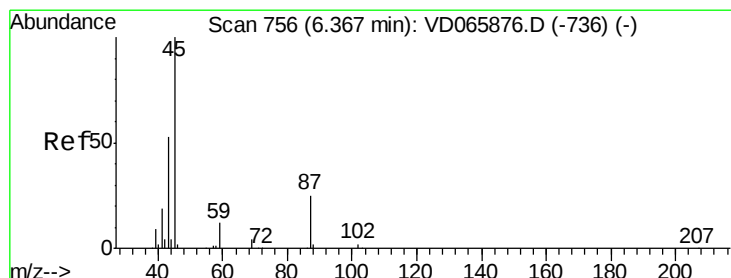
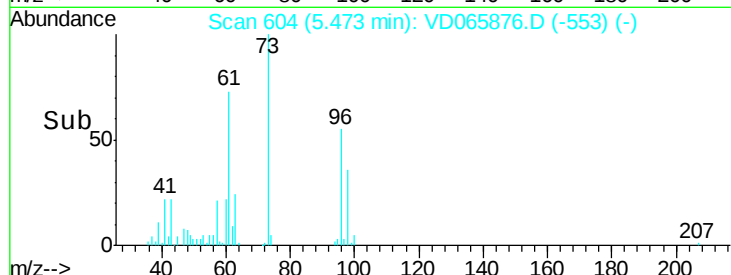
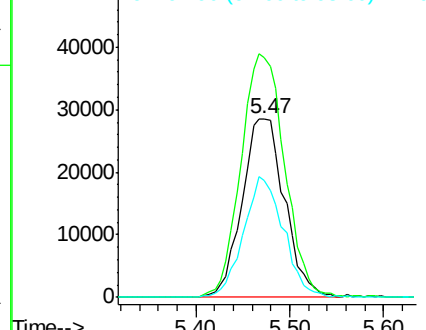


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 52.988 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Tgt Ion: 45 Resp: 267998

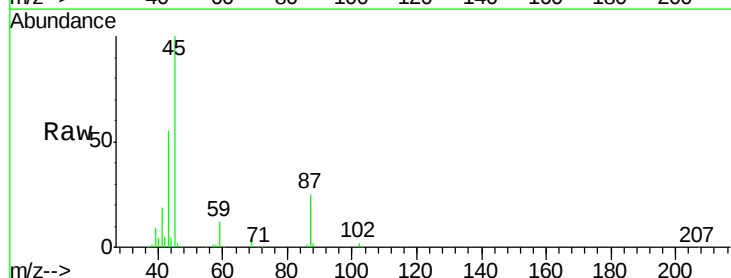
Ion Ratio Lower Upper

45 100

43 54.2 43.4 65.0

87 24.8 19.8 29.8

59 12.4 9.9 14.9



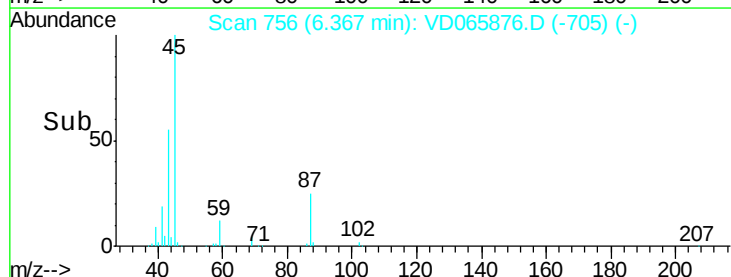
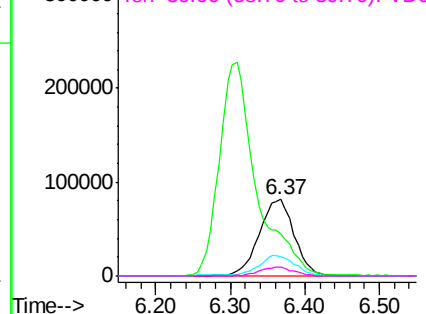
Abundance

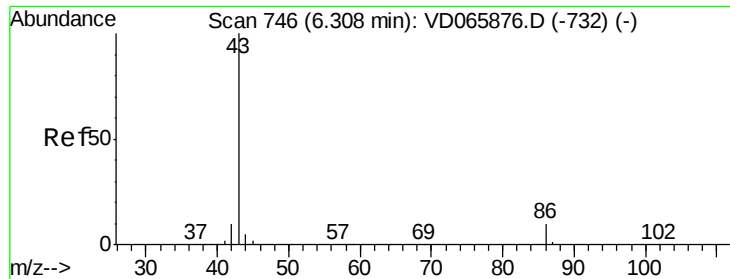
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 268.542 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleID :

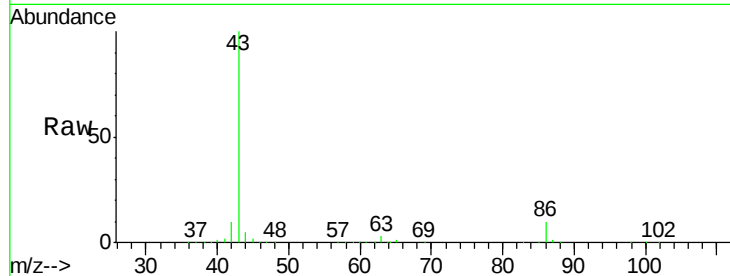
VSTDICCC050

Tot Ion: 43 Resp: 788982

Ion Ratio Lower Upper

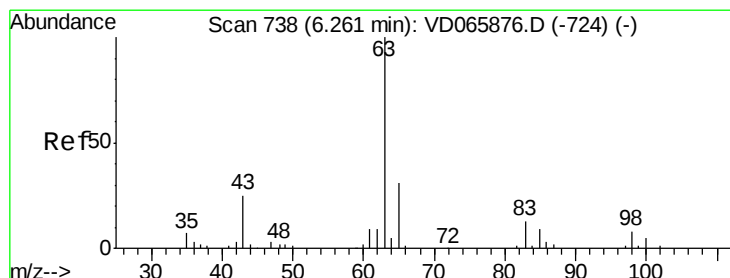
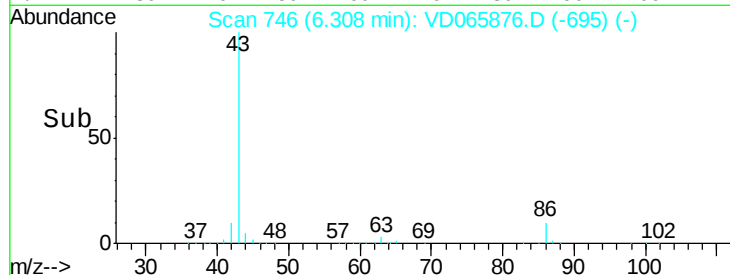
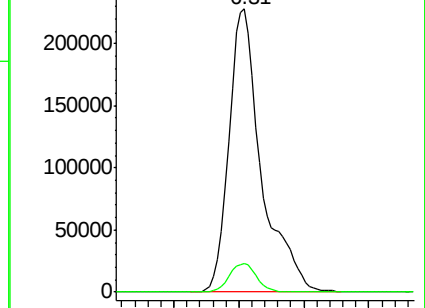
43 100

86 10.3 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.086 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

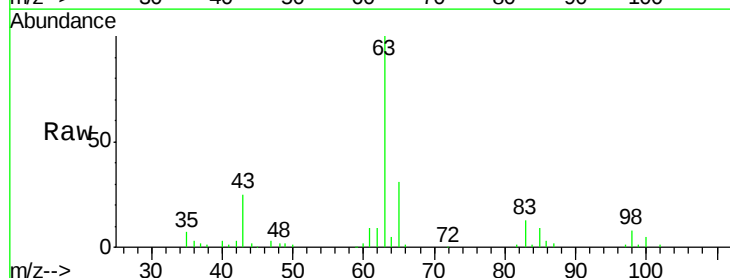
Tgt Ion: 63 Resp: 156659

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

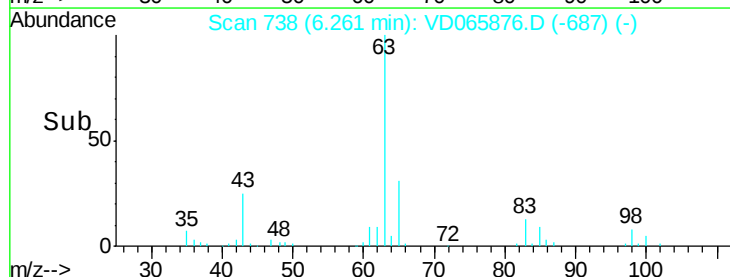
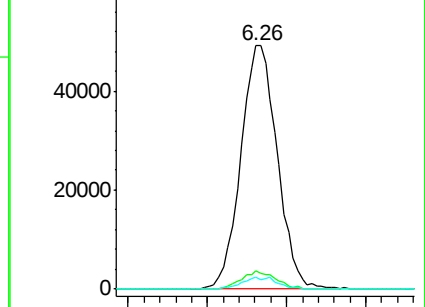
100 4.8 2.4 7.2

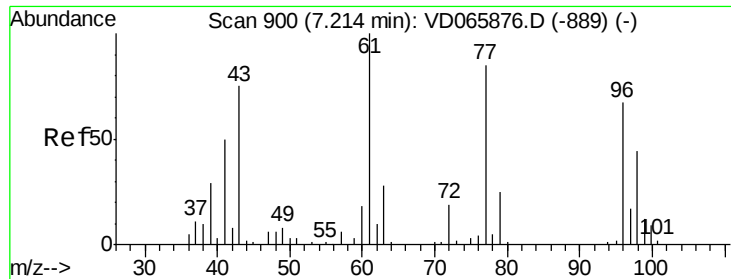


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

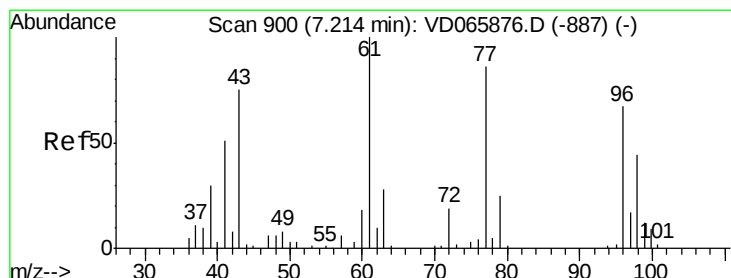
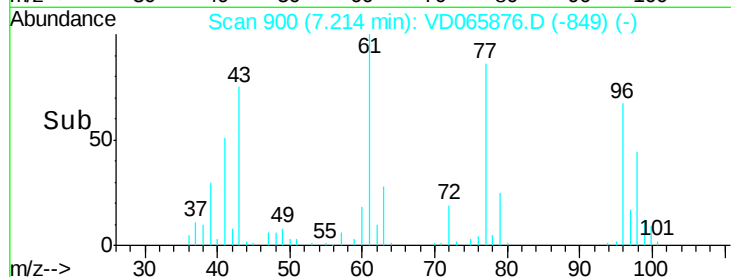
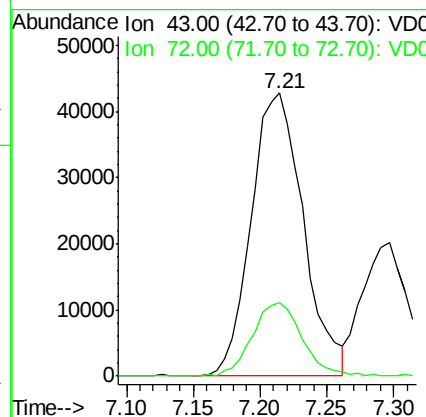
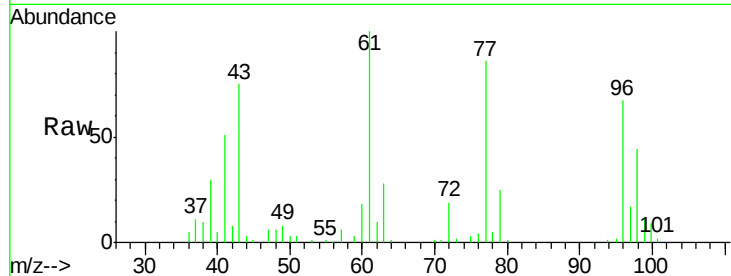




#25
2-Butanone
Concen: 268.509 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

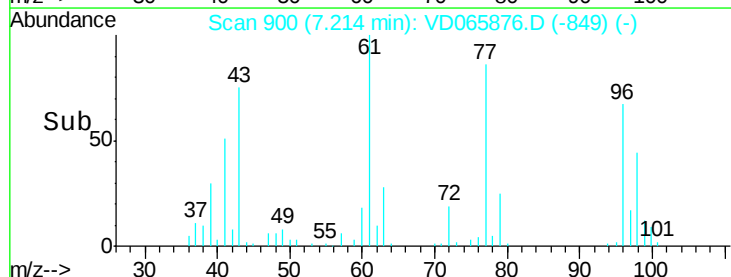
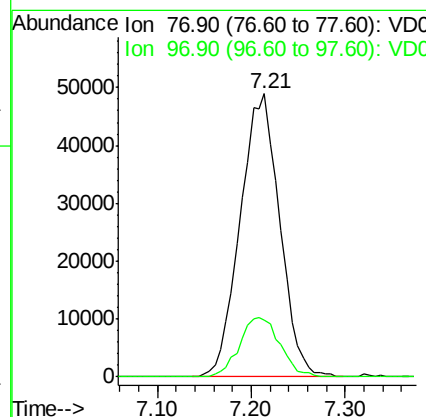
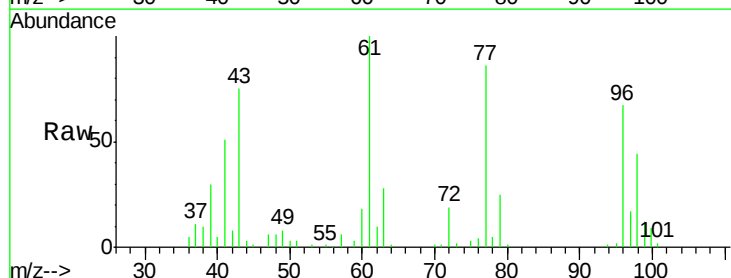
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

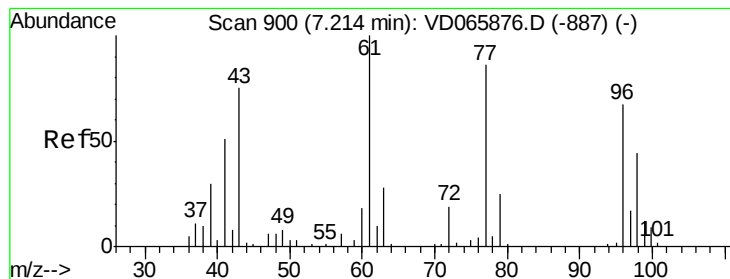
Tot Ion: 43 Resp: 115917
Ion Ratio Lower Upper
43 100
72 25.8 20.6 31.0



#26
2,2-Dichloropropane
Concen: 51.215 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 77 Resp: 142565
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3



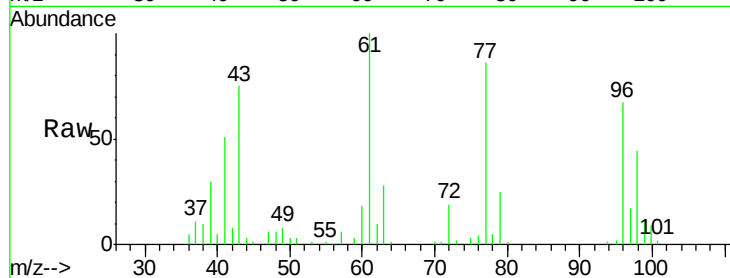


#27

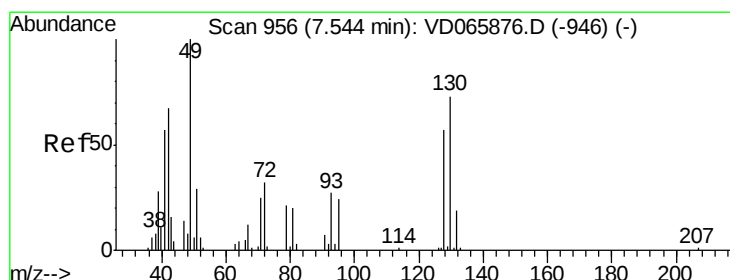
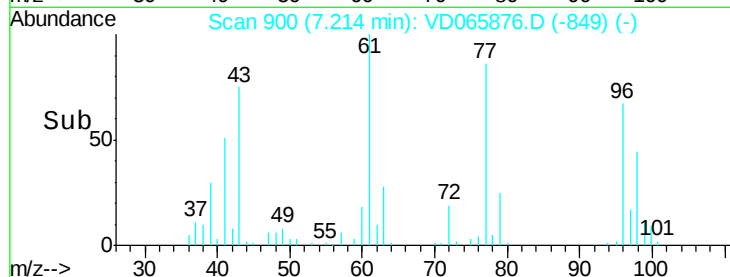
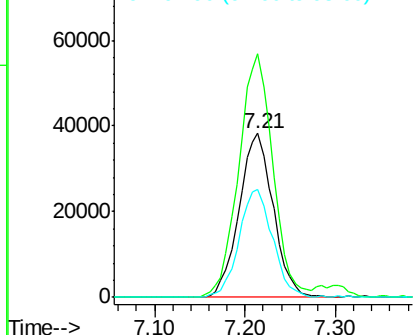
cis-1,2-Dichloroethene
Concen: 52.160 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 96 Resp: 99726
Ion Ratio Lower Upper
96 100
61 148.9 0.0 297.8
98 64.9 0.0 129.8



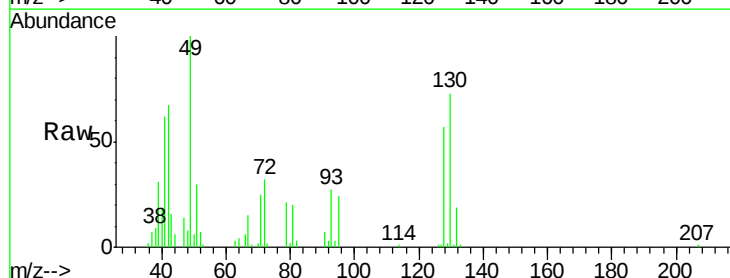
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



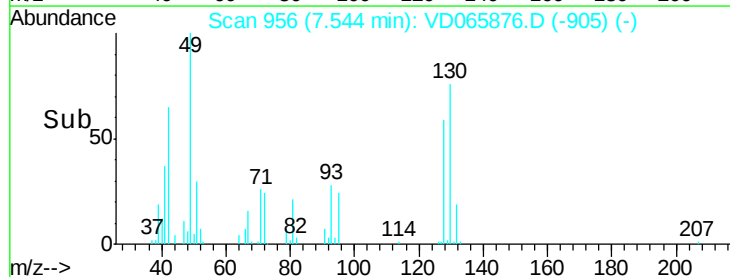
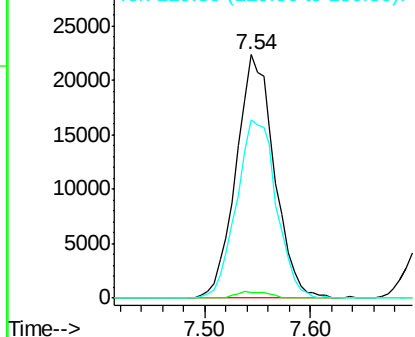
#28

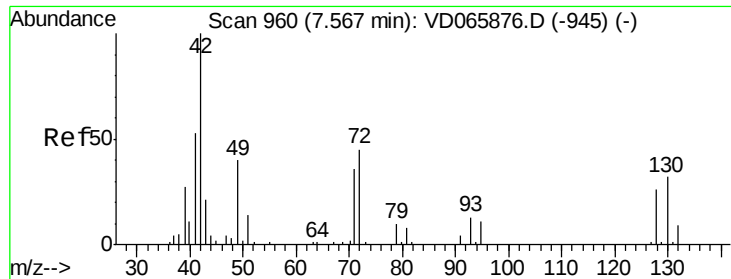
Bromochloromethane
Concen: 49.782 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 49 Resp: 56111
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 76.3 61.0 91.6



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

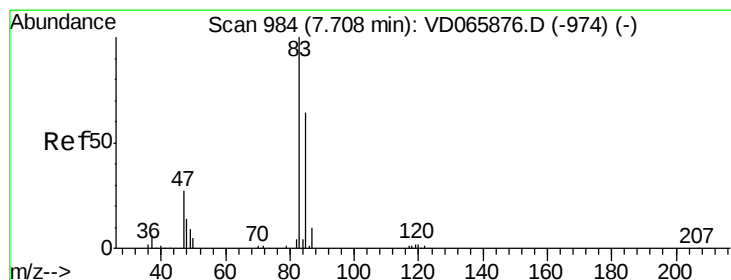
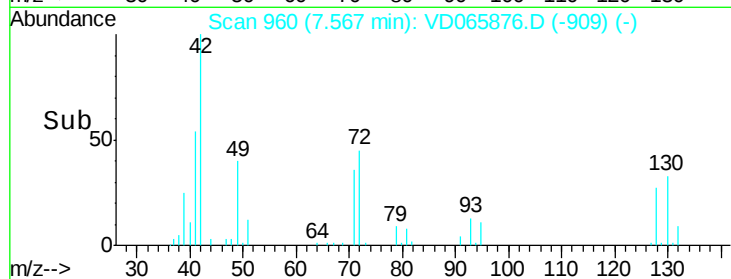
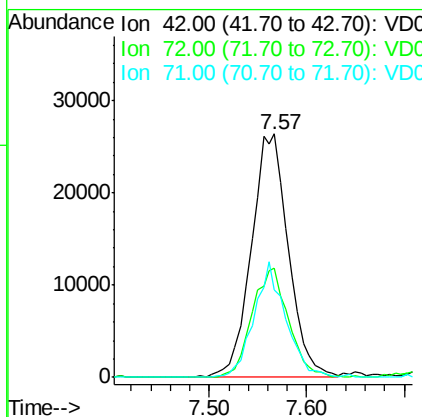
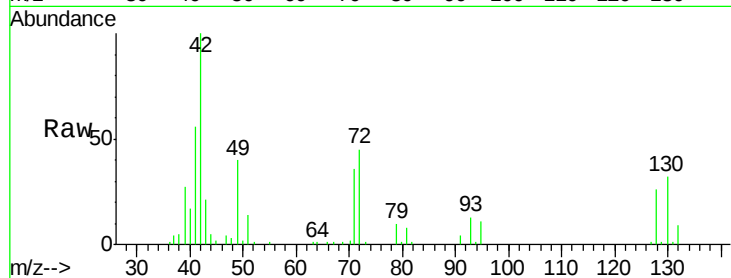




#29
Tetrahydrofuran
Concen: 263.182 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

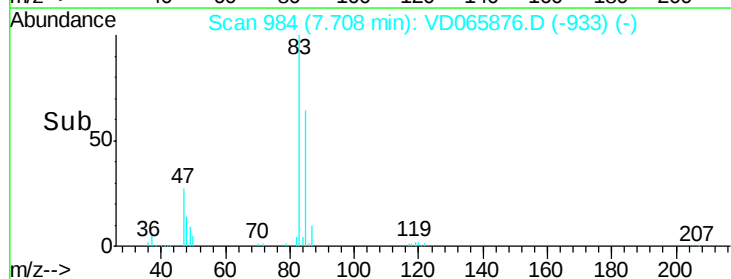
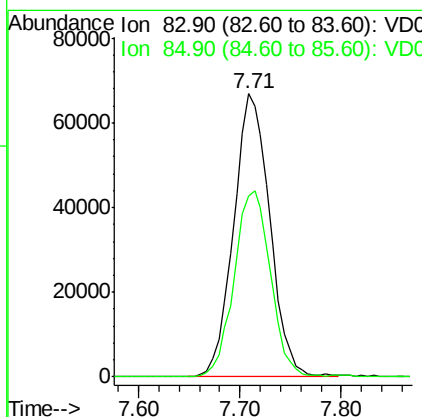
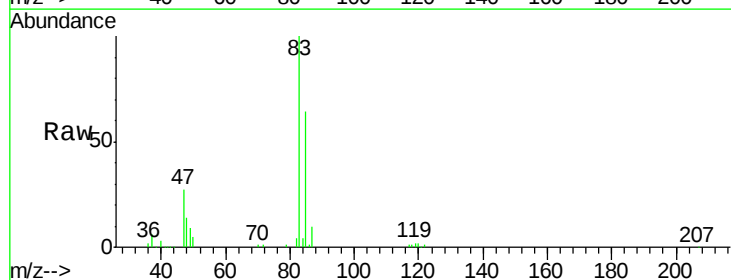
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

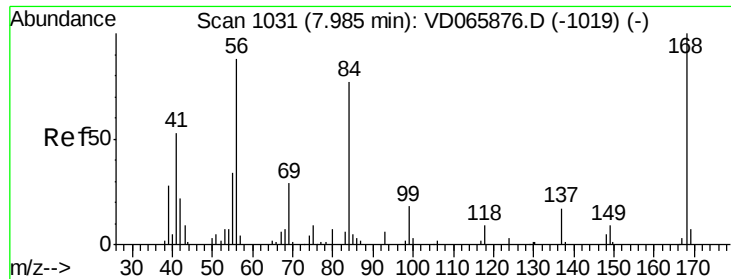
Tot Ion: 42 Resp: 70385
Ion Ratio Lower Upper
42 100
72 44.1 35.3 52.9
71 40.7 32.6 48.8



#30
Chloroform
Concen: 51.099 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 83 Resp: 165415
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8

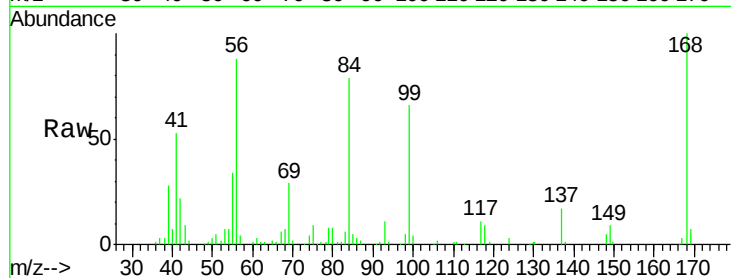




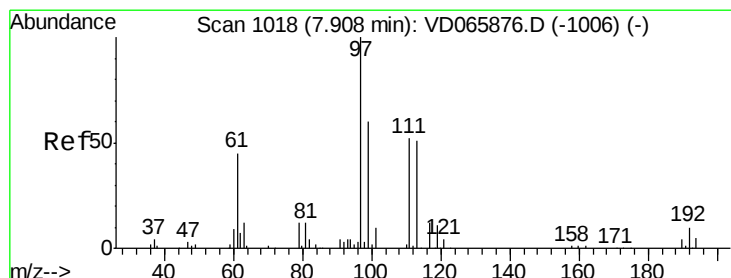
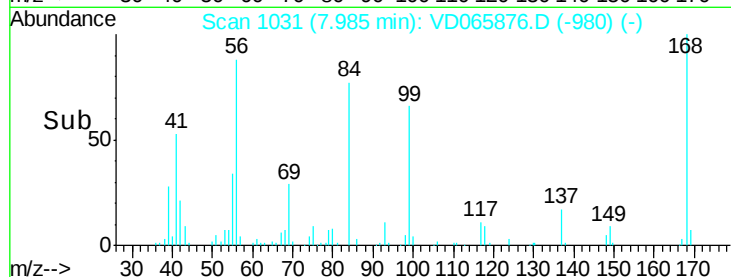
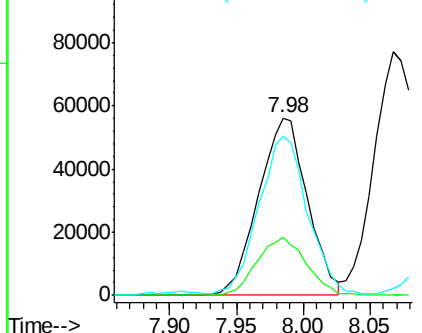
#31
Cyclohexane
Concen: 48.767 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 56 Resp: 142403
Ion Ratio Lower Upper
56 100
69 32.8 26.2 39.4
84 87.9 70.3 105.5

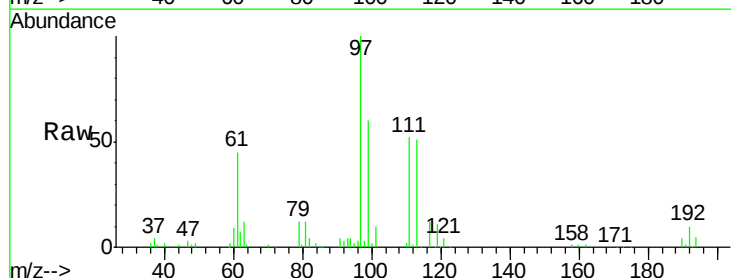


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

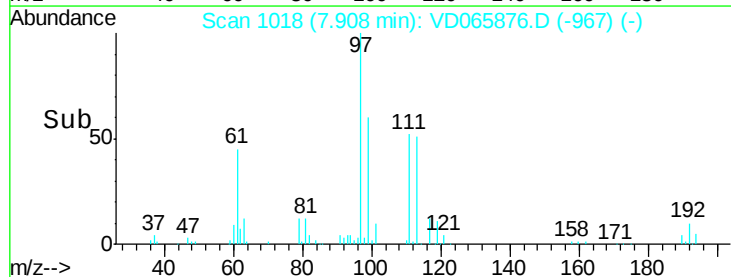
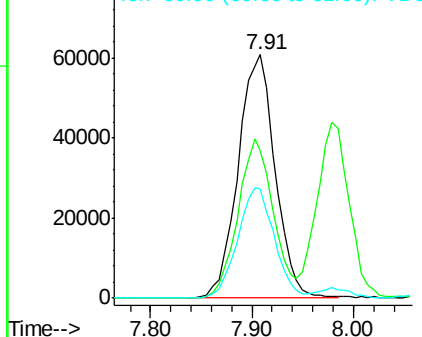


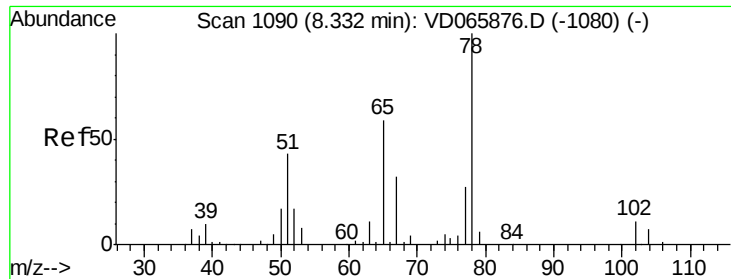
#32
1,1,1-Trichloroethane
Concen: 51.088 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 97 Resp: 153591
Ion Ratio Lower Upper
97 100
99 62.8 50.2 75.4
61 45.0 36.0 54.0



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: 51.238 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

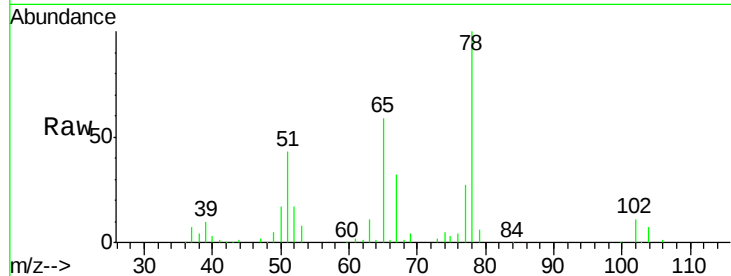
VSTDICCC050

Tot Ion: 65 Resp: 84290

Ion Ratio Lower Upper

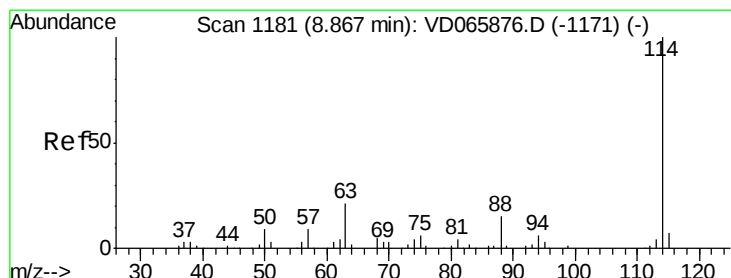
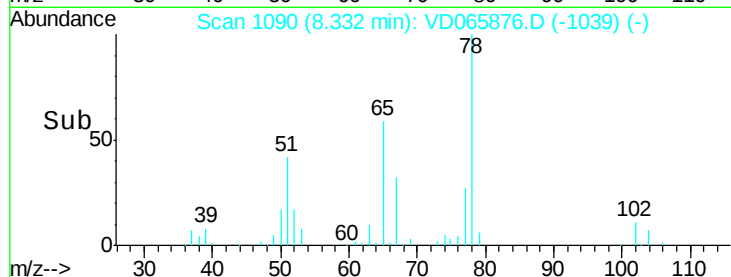
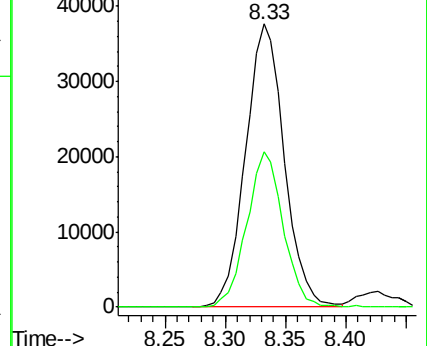
65 100

67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

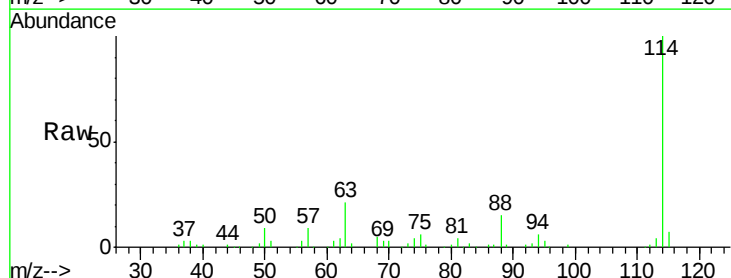
Tgt Ion: 114 Resp: 255225

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

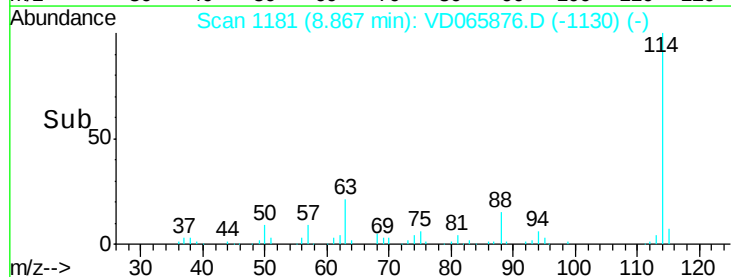
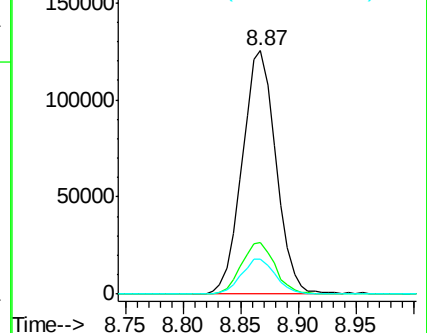
88 14.5 0.0 29.0

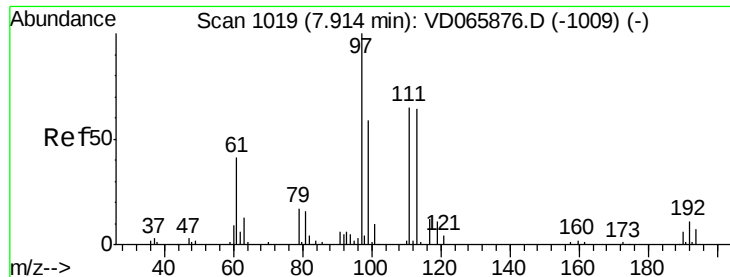


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

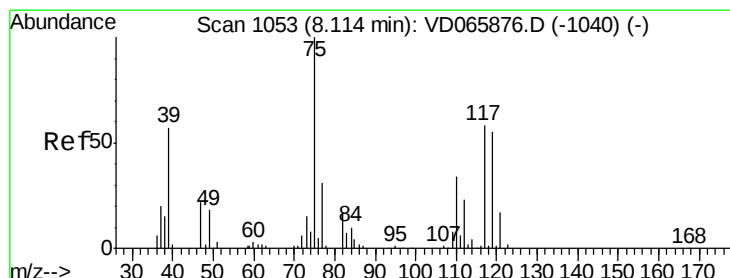
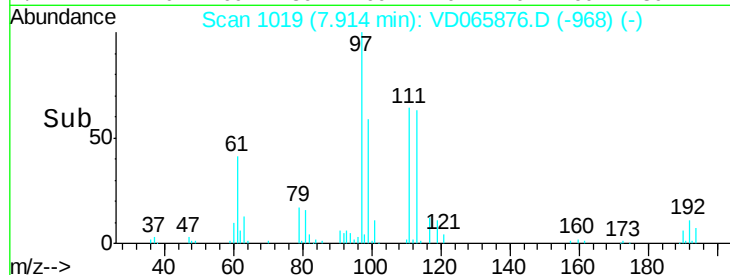
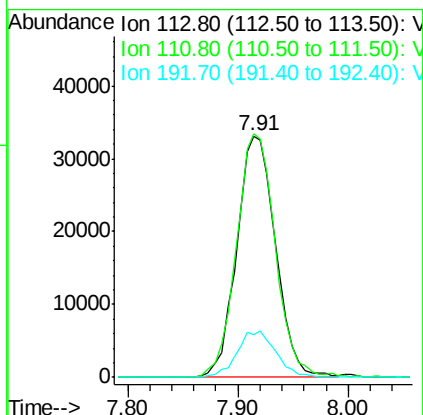
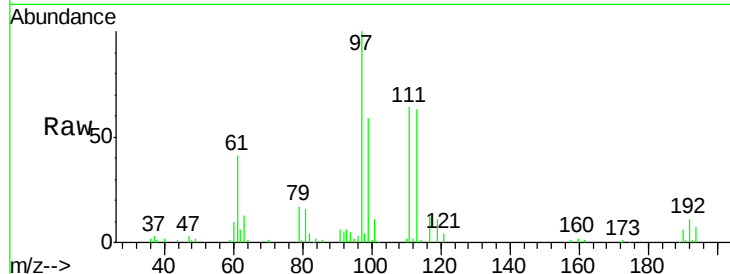




#35
 Dibromofluoromethane
 Concen: 53.359 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

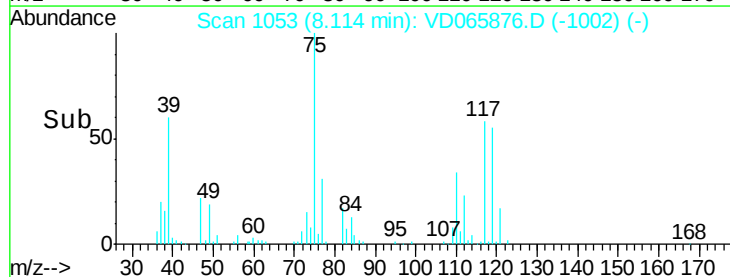
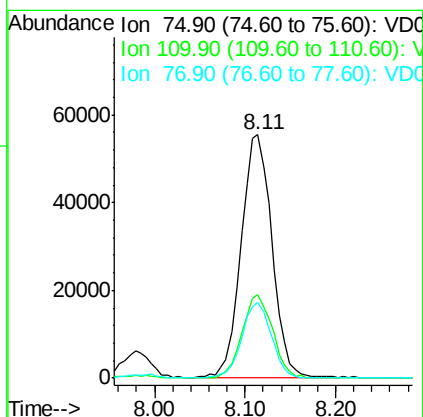
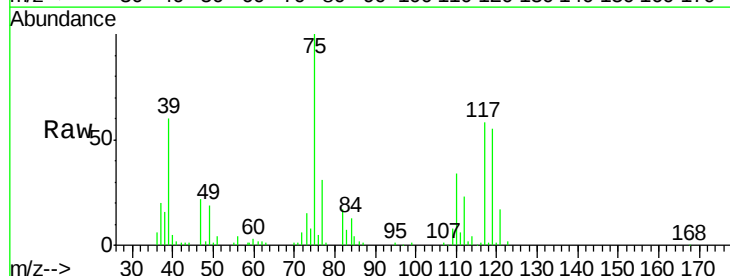
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

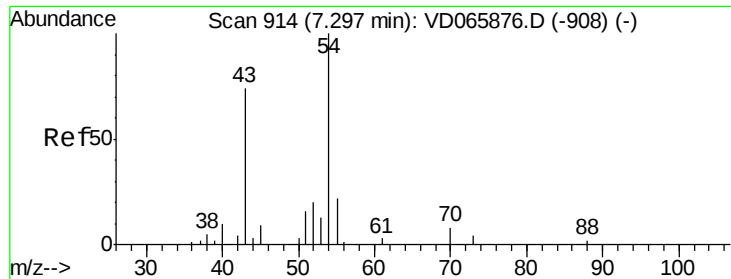
Tot Ion:113 Resp: 81704
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.0 121.6
 192 19.0 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 52.244 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

Tgt Ion: 75 Resp: 131612
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.8 50.4
 77 30.0 24.0 36.0

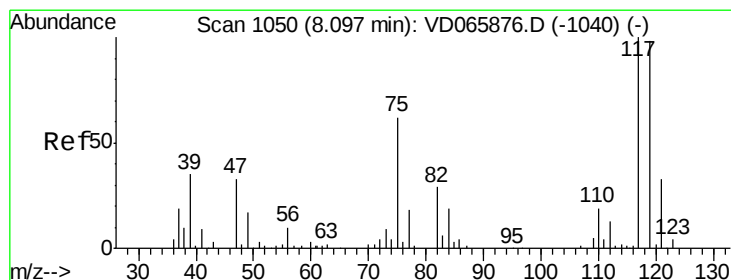
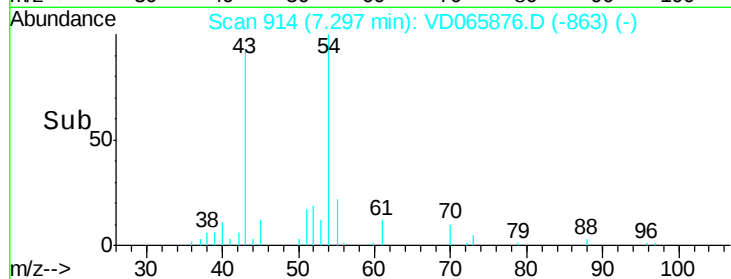
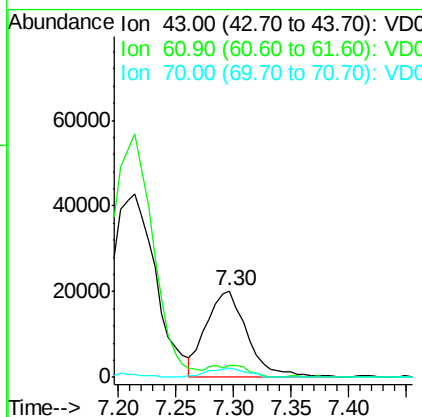
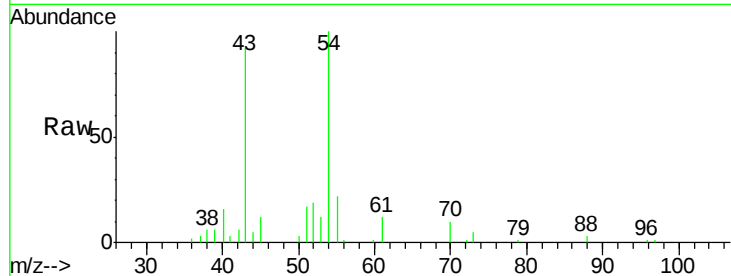




#37
Ethyl Acetate
Concen: 51.389 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

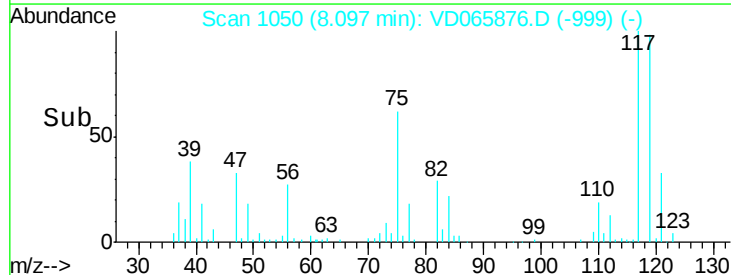
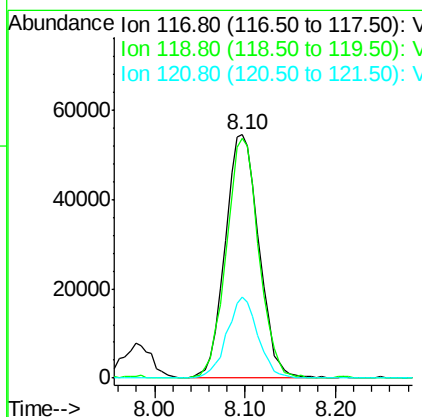
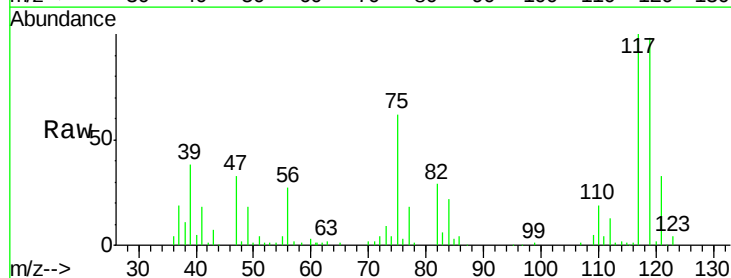
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

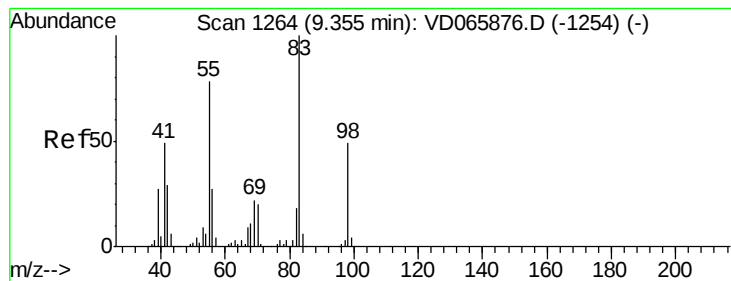
Tot Ion: 43 Resp: 49335
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 52.392 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 117 Resp: 140516
Ion Ratio Lower Upper
117 100
119 98.2 78.6 117.8
121 33.1 26.5 39.7





#39

Methvlcvclohexane

Concen: 53.600 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

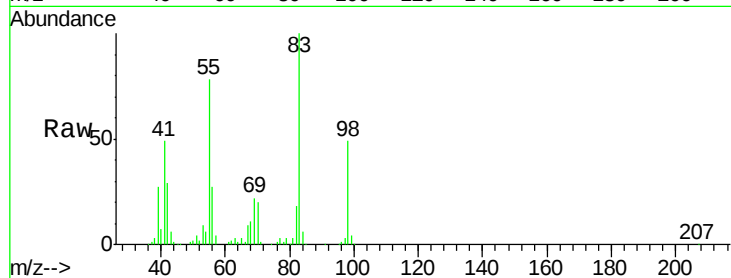
Tot Ion: 83 Resp: 157581

Ion Ratio Lower Upper

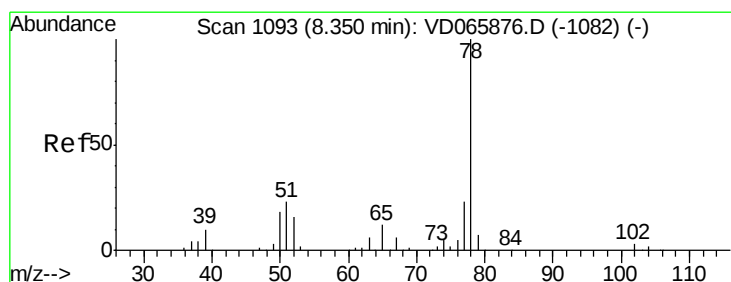
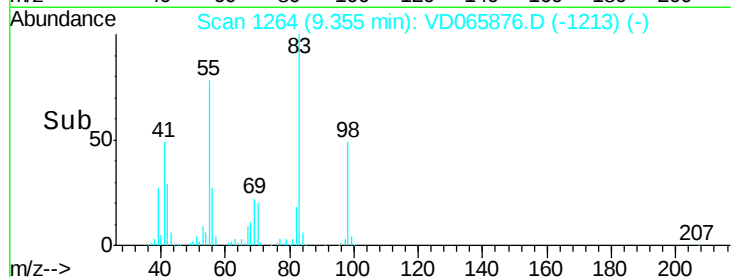
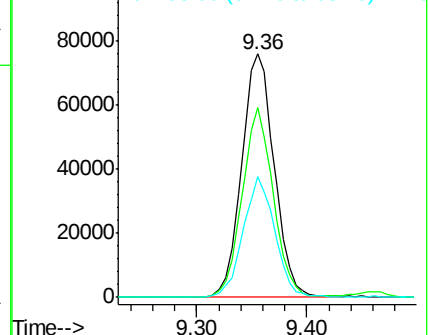
83 100

55 77.8 62.2 93.4

98 49.5 39.6 59.4



Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 50.634 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VD065876.D

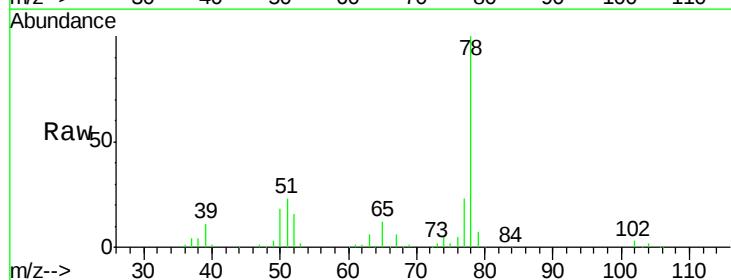
Acq: 26 Jun 2020 12:05

Tgt Ion: 78 Resp: 351436

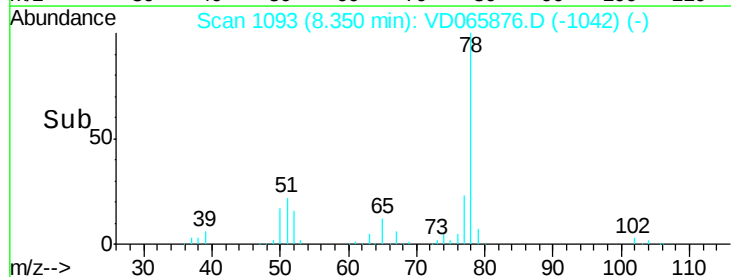
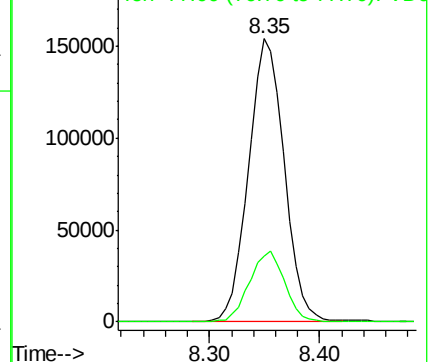
Ion Ratio Lower Upper

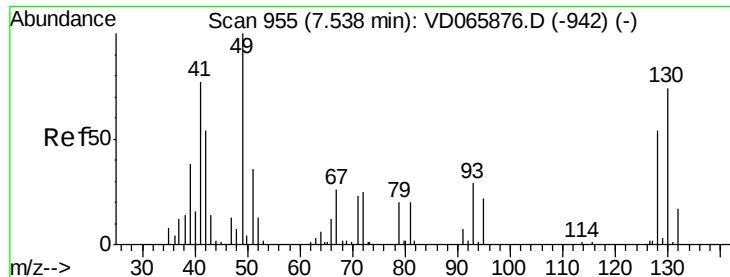
78 100

77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

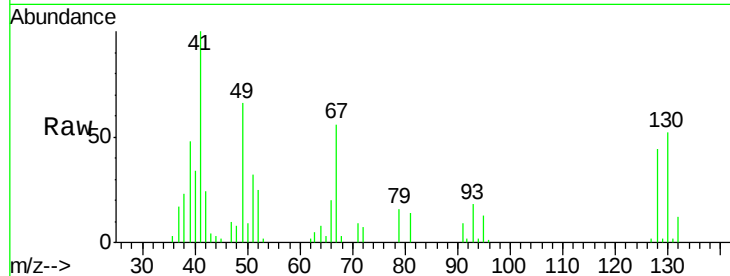




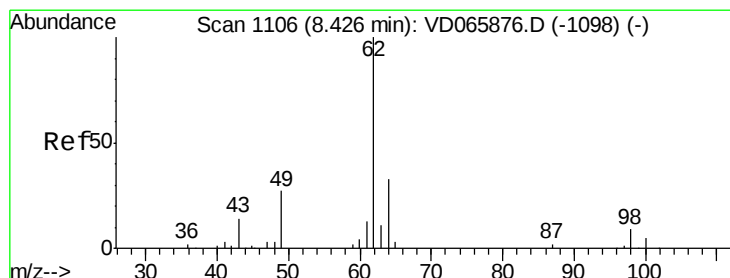
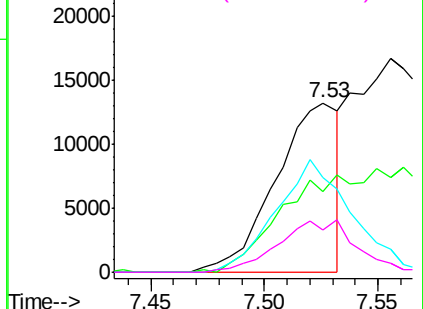
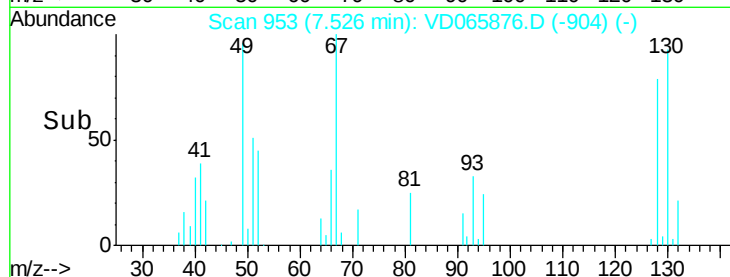
#41
Methacrylonitrile
Concen: 43.143 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 41 Resp: 25726
Ion Ratio Lower Upper
41 100
39 143.1 82.7 124.1#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

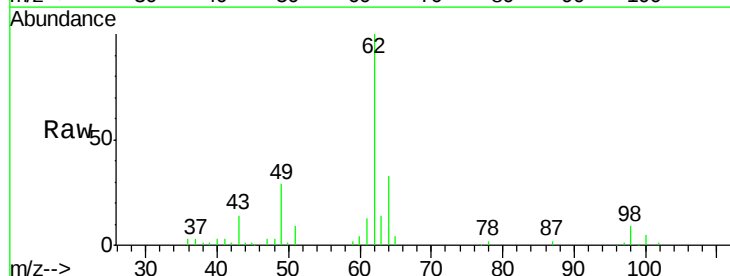


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

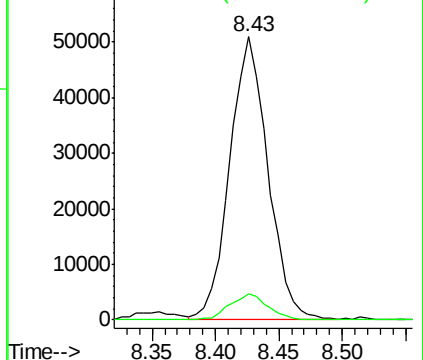
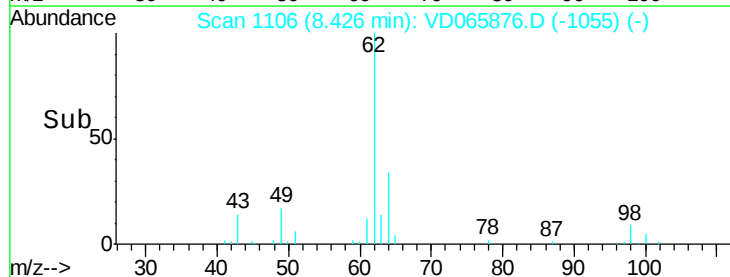


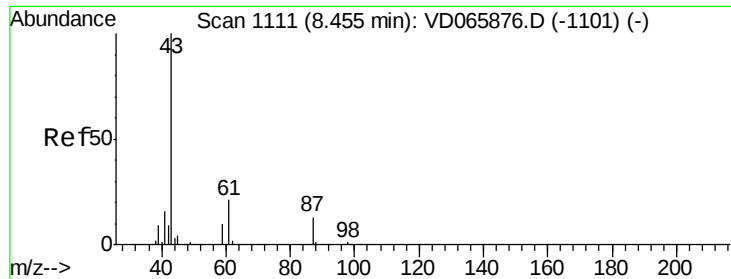
#42
1,2-Dichloroethane
Concen: 52.068 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 62 Resp: 105656
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 53.544 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

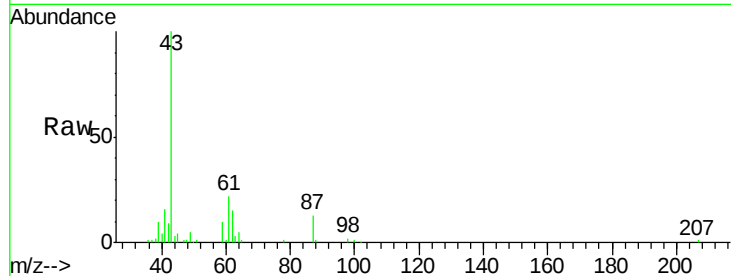
Tot Ion: 43 Resp: 99555

Ion Ratio Lower Upper

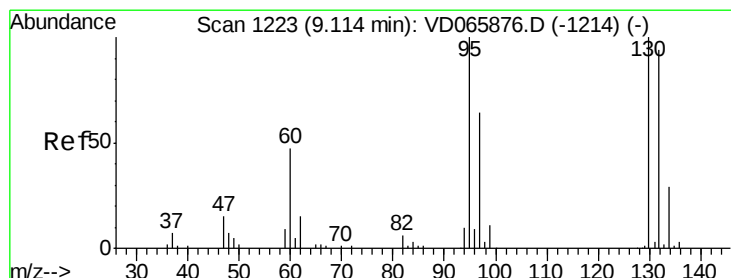
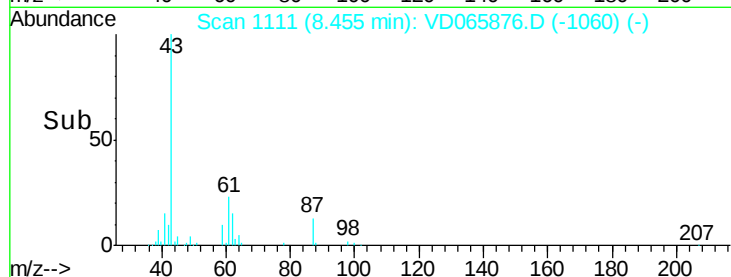
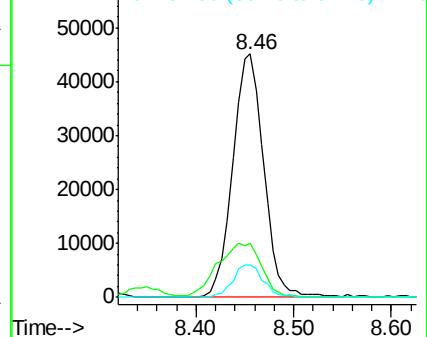
43 100

61 31.5 25.2 37.8

87 13.0 10.4 15.6



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: 53.195 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065876.D

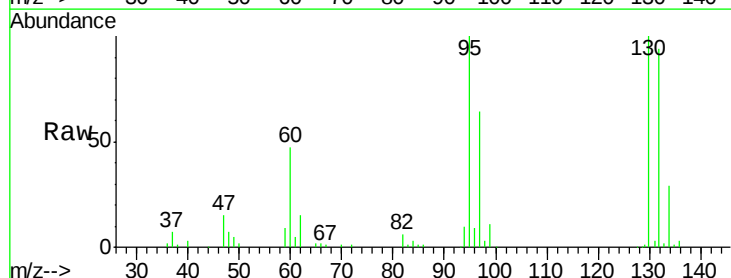
Acq: 26 Jun 2020 12:05

Tgt Ion: 130 Resp: 98284

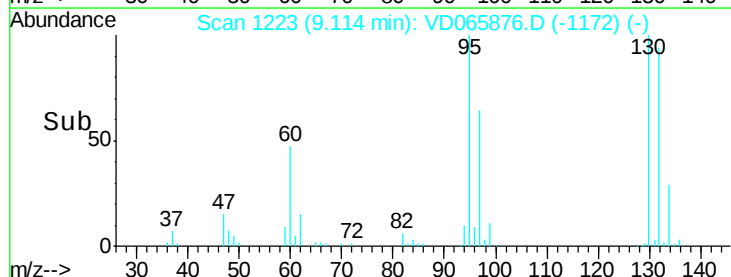
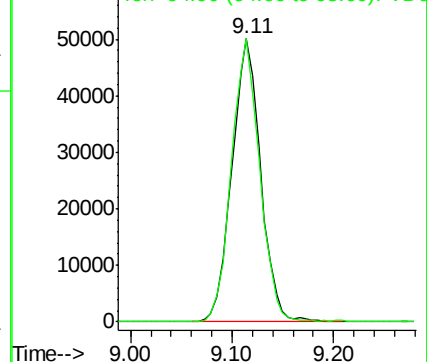
Ion Ratio Lower Upper

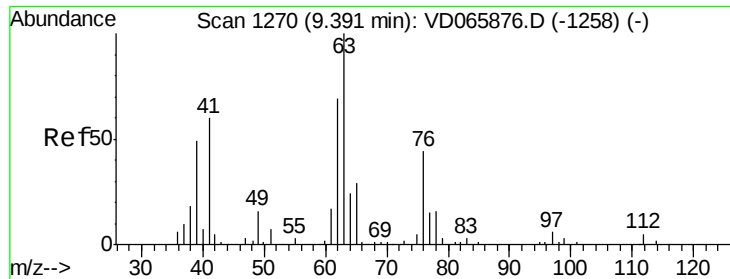
130 100

95 100.0 0.0 200.0



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





#45

1,2-Dichloropropane

Concen: 52.612 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

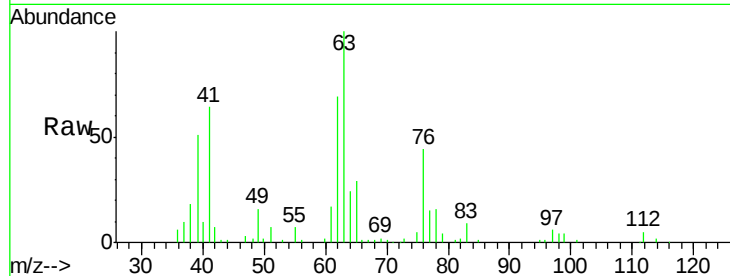
VSTDICCC050

Tot Ion: 63 Resp: 88113

Ion Ratio Lower Upper

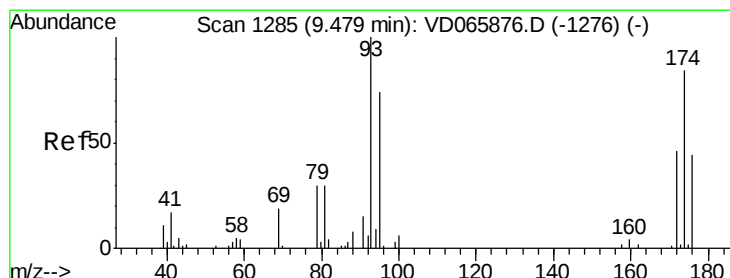
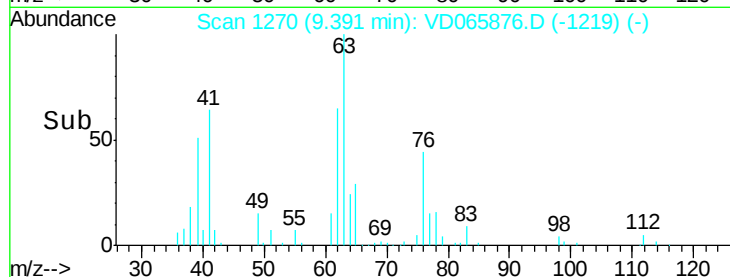
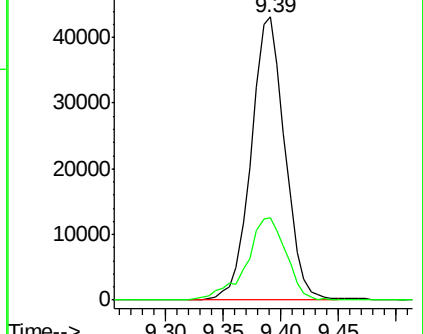
63 100

65 29.2 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 53.656 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

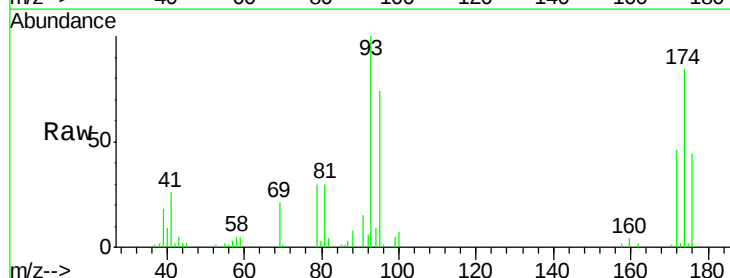
Tgt Ion: 93 Resp: 48414

Ion Ratio Lower Upper

93 100

95 81.7 65.4 98.0

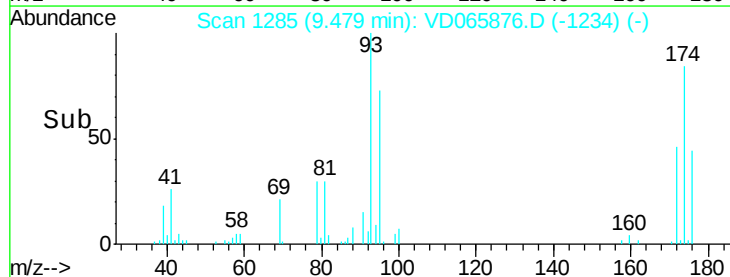
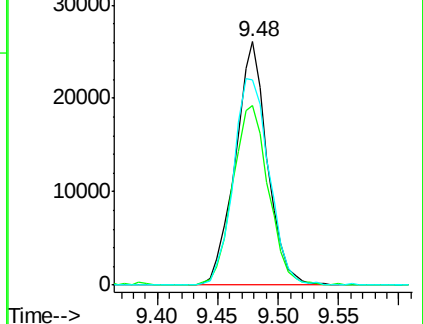
174 94.0 75.2 112.8

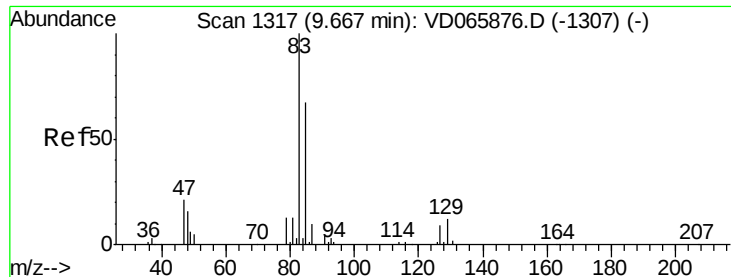


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 52.201 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

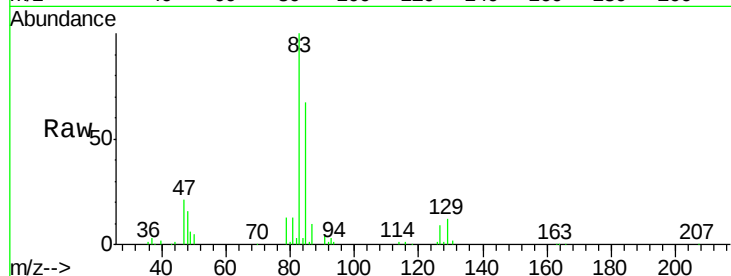
Tot Ion: 83 Resp: 128254

Ion Ratio Lower Upper

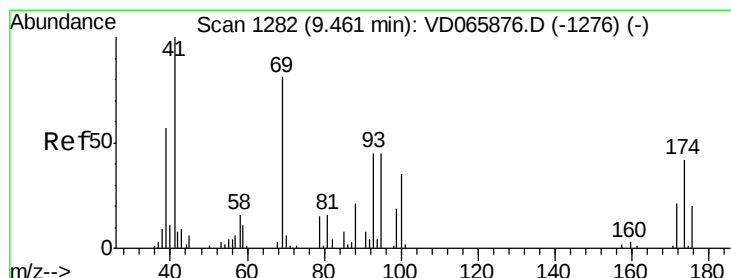
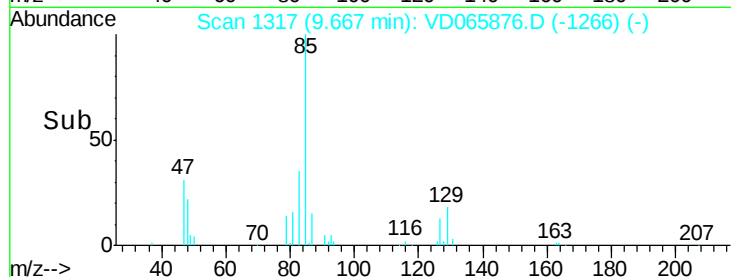
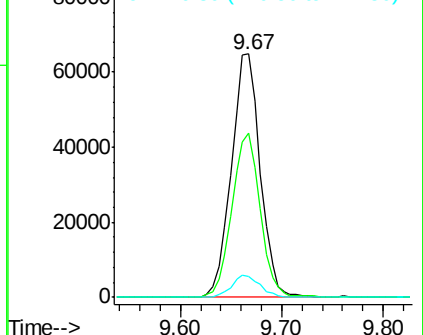
83 100

85 67.4 53.9 80.9

127 8.7 7.0 10.4



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



#48

Methyl methacrylate

Concen: 50.284 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

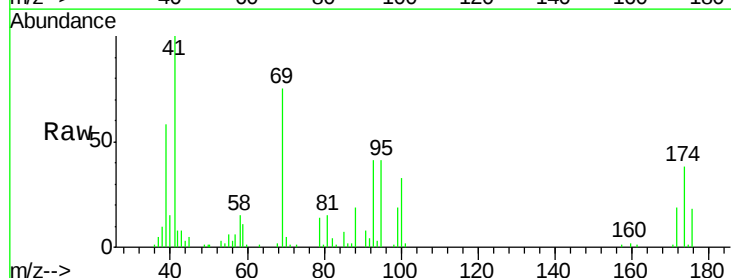
Tgt Ion: 41 Resp: 45687

Ion Ratio Lower Upper

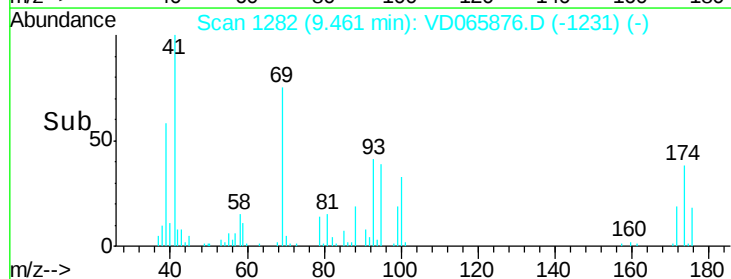
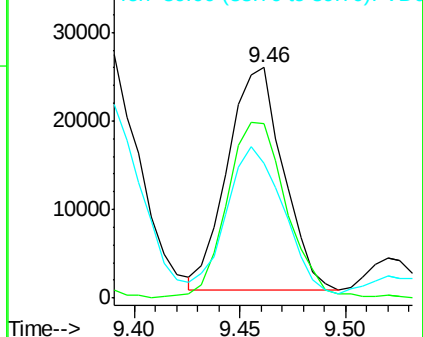
41 100

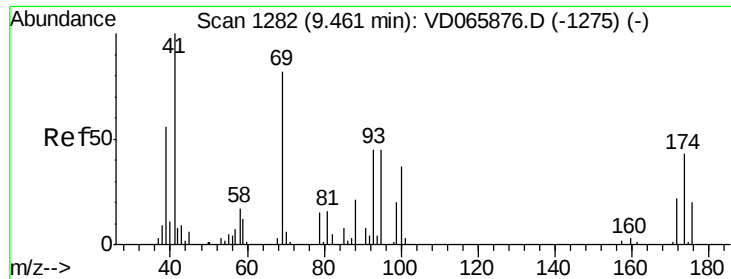
69 85.4 68.3 102.5

39 67.6 54.1 81.1



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

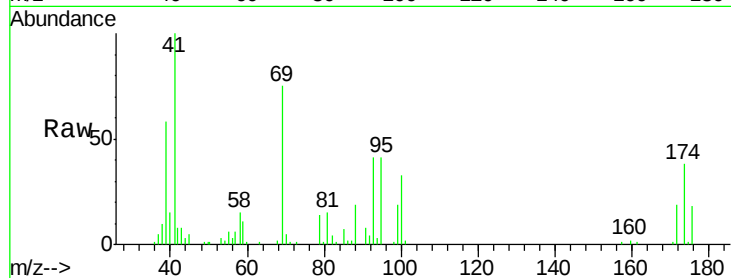




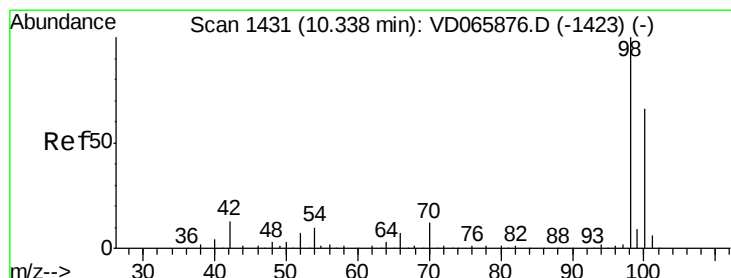
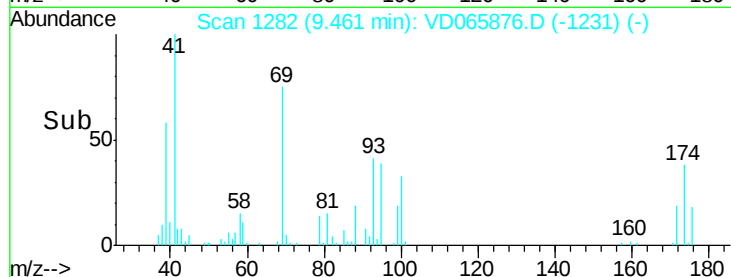
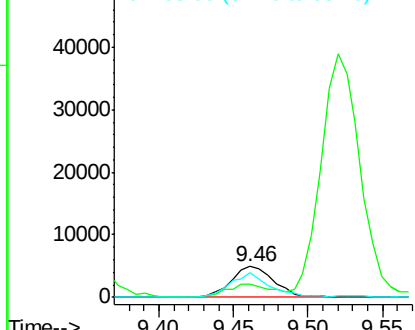
#49
1,4-Dioxane
Concen: 985.248 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 9891
Ion Ratio Lower Upper
88 100
43 44.8 35.8 53.8
58 73.2 58.6 87.8

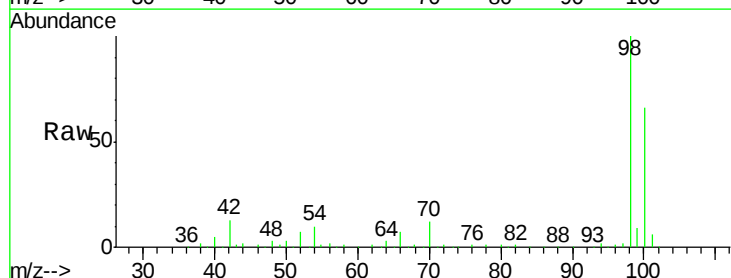


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

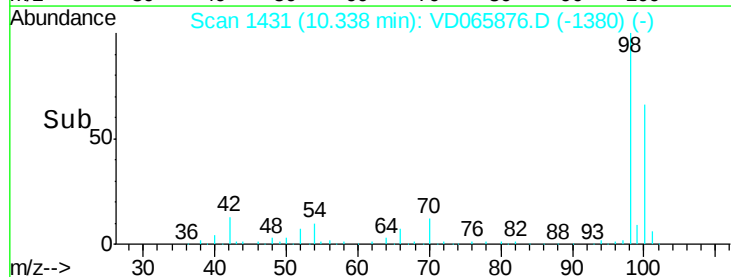
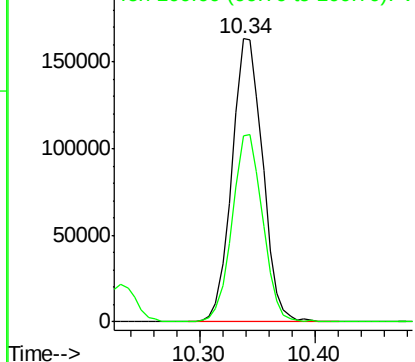


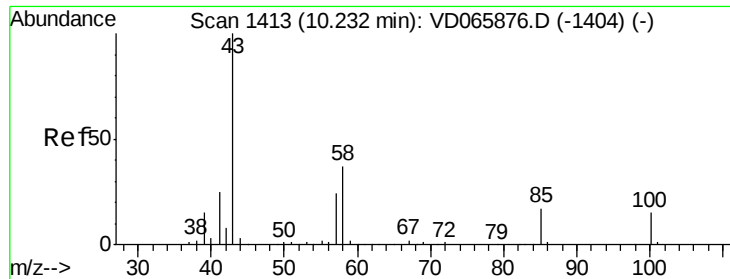
#50
Toluene-d8
Concen: 50.647 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 98 Resp: 301270
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



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





#51

4-Methyl-2-Pentanone

Concen: 271.056 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

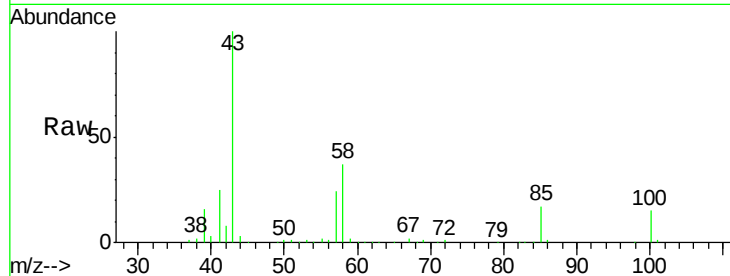
VSTDICCC050

Tot Ion: 43 Resp: 254390

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

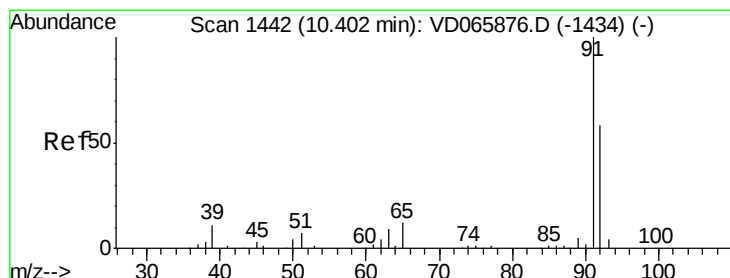
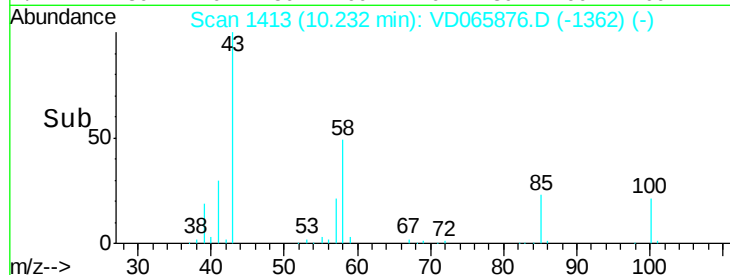
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 51.327 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD065876.D

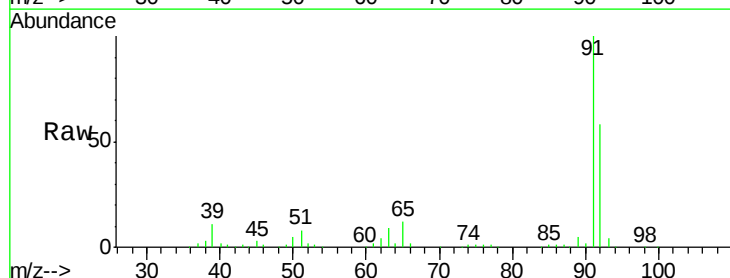
Acq: 26 Jun 2020 12:05

Tgt Ion: 92 Resp: 228659

Ion Ratio Lower Upper

92 100

91 176.0 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

250000

200000

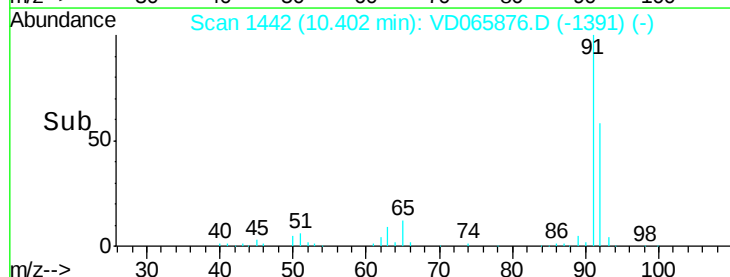
150000

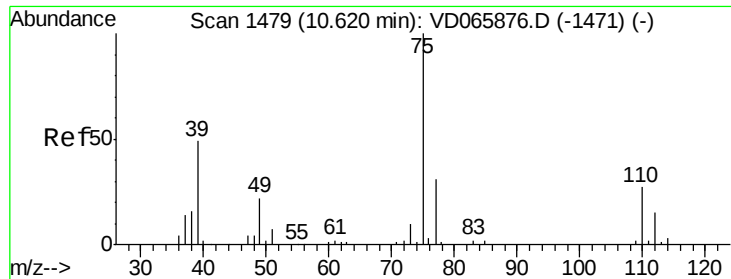
100000

50000

0

Time-->

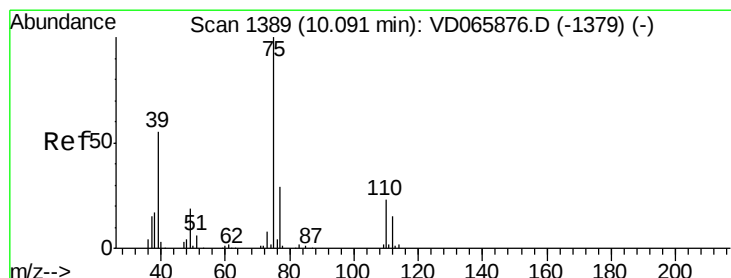
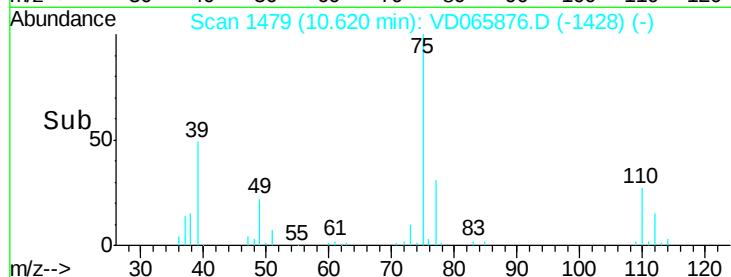
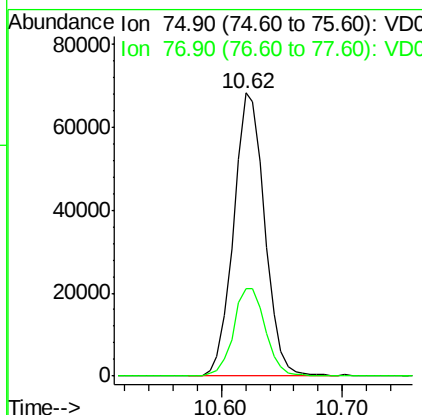
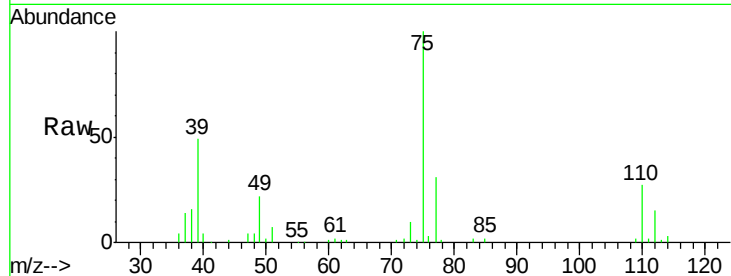




#53
t-1,3-Dichloropropene
Concen: 53.941 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

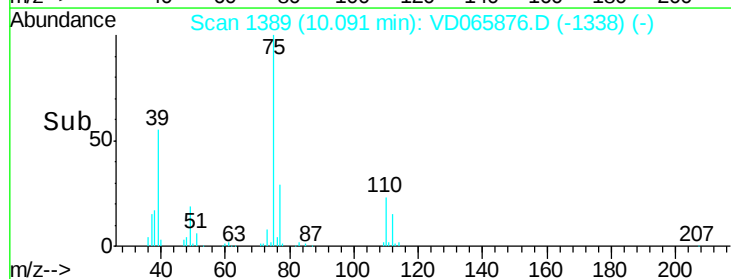
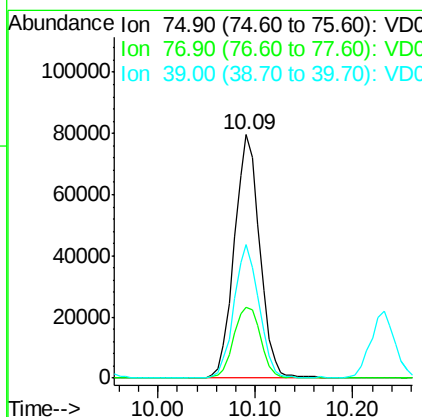
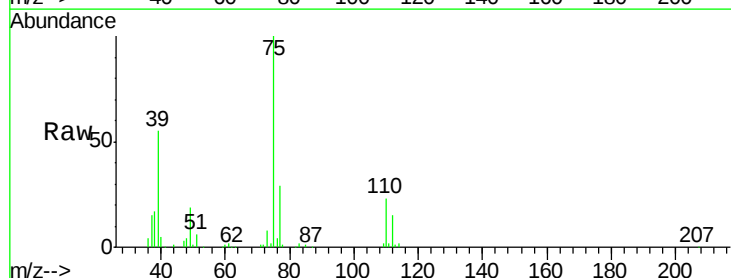
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

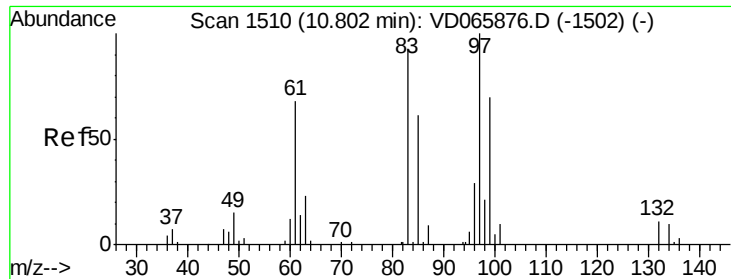
Tot Ion: 75 Resp: 122318
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 52.965 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 75 Resp: 143708
Ion Ratio Lower Upper
75 100
77 29.2 23.4 35.0
39 54.9 43.9 65.9

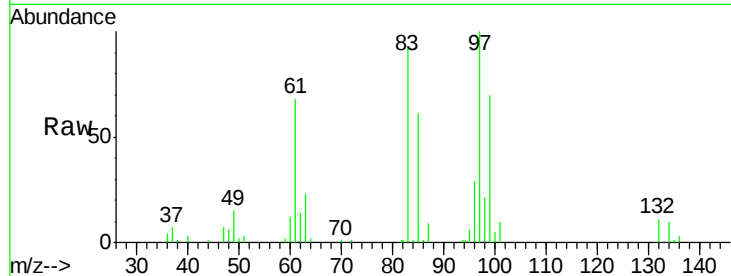




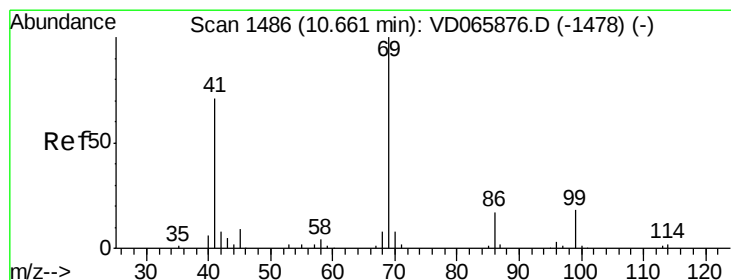
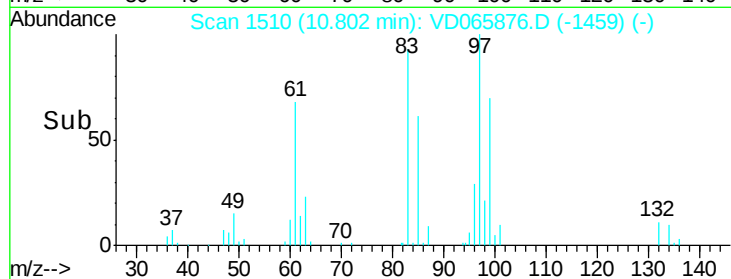
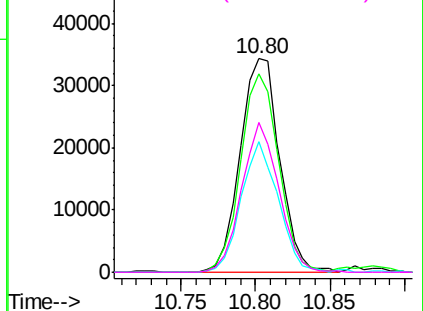
#55
1,1,2-Trichloroethane
Concen: 52.051 ug/l
RT: 10.80 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 97 Resp: 63012
Ion Ratio Lower Upper
97 100
83 92.8 74.2 111.4
85 61.0 48.8 73.2
99 69.9 55.9 83.9

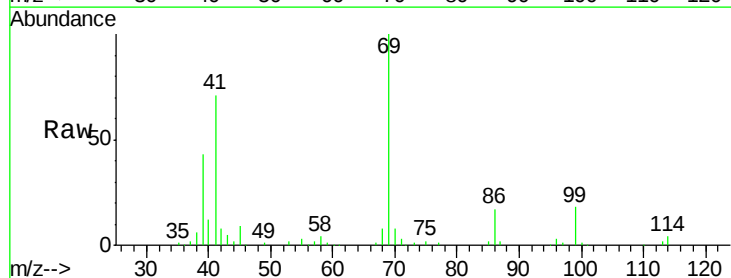


Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 98.90 (98.60 to 99.60): VDC

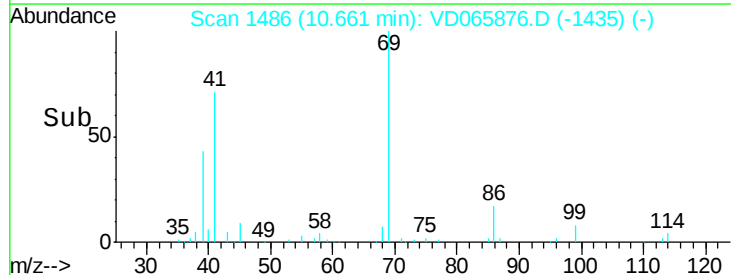
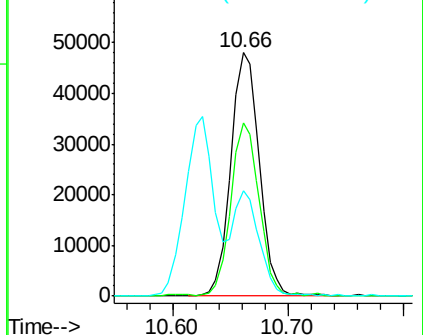


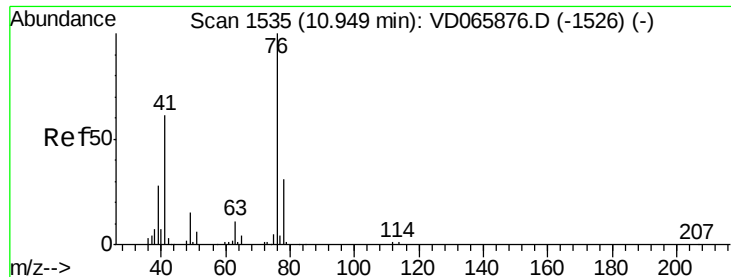
#56
Ethyl methacrylate
Concen: 54.891 ug/l
RT: 10.66 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 69 Resp: 82338
Ion Ratio Lower Upper
69 100
41 69.3 55.4 83.2
39 41.2 33.0 49.4



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

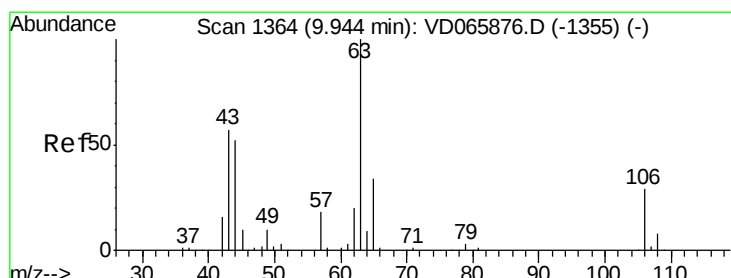
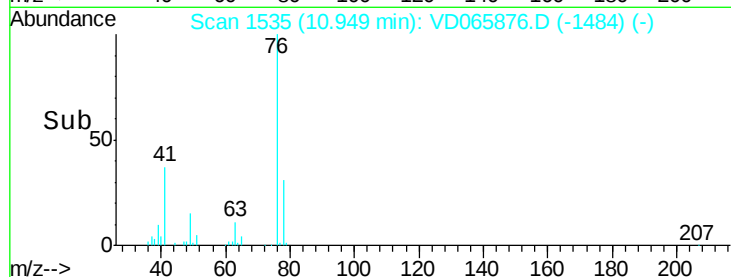
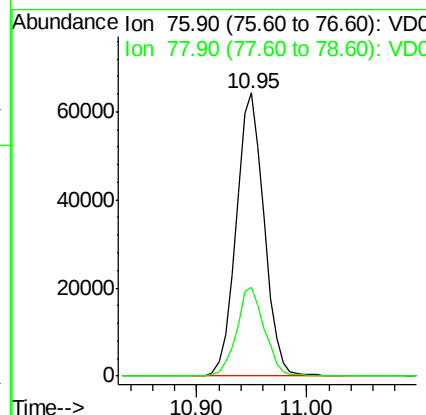
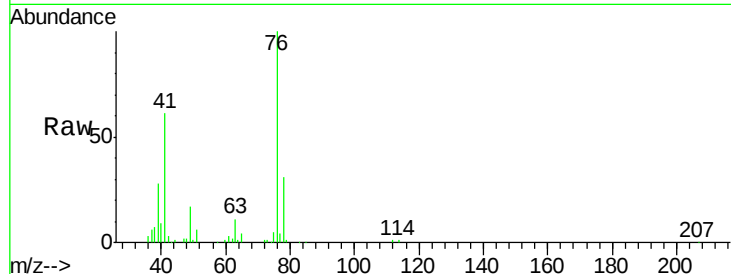




#57
 1,3-Dichloropropane
 Concen: 53.097 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

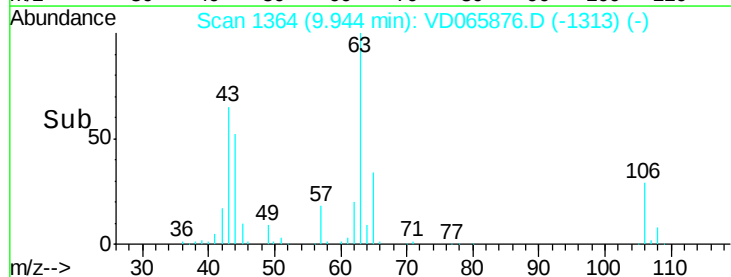
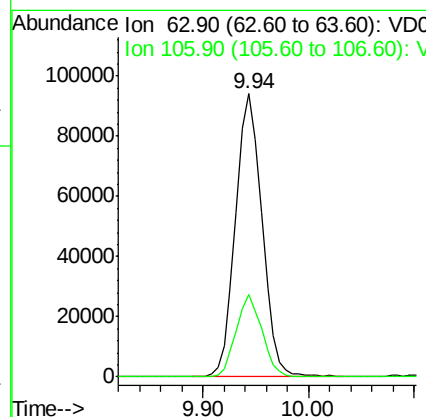
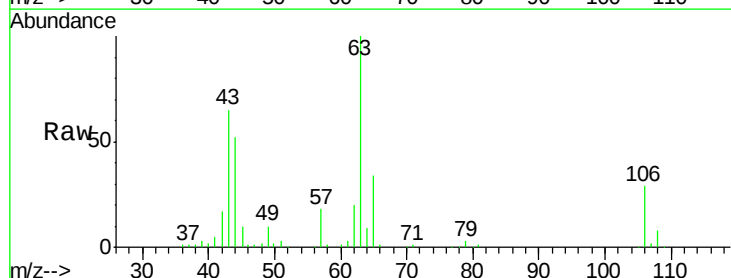
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

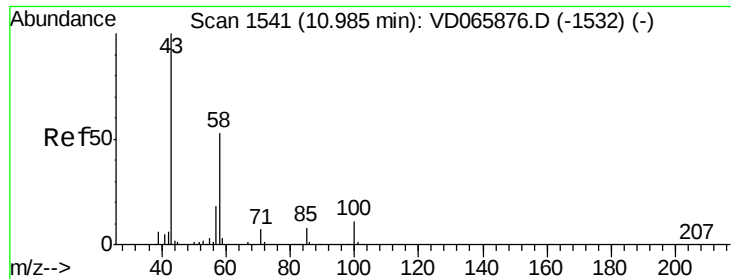
Tot Ion: 76 Resp: 113975
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.1 37.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.163 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

Tgt Ion: 63 Resp: 163597
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.6 34.0

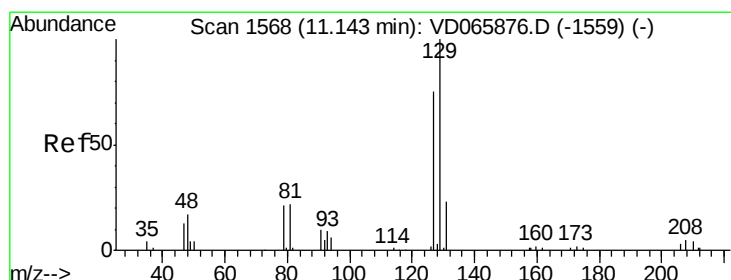
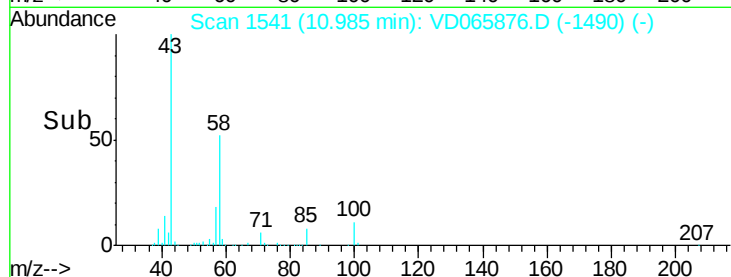
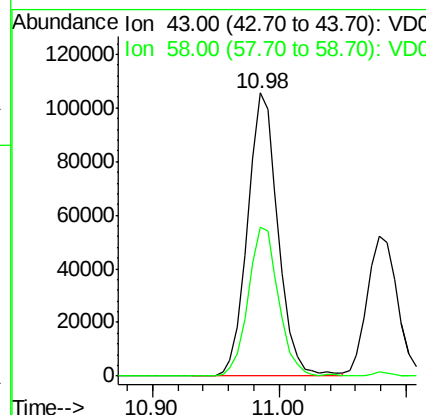
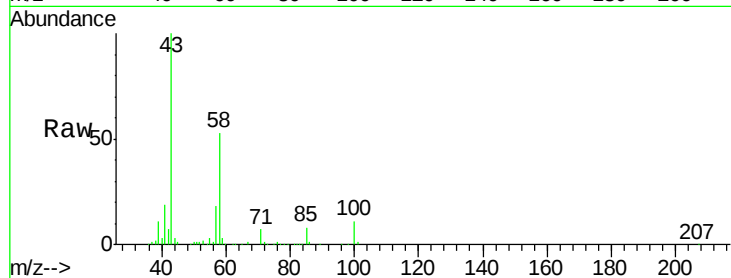




#59
2-Hexanone
Concen: 265.746 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

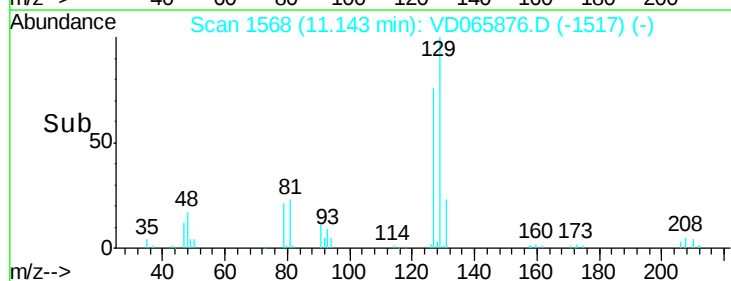
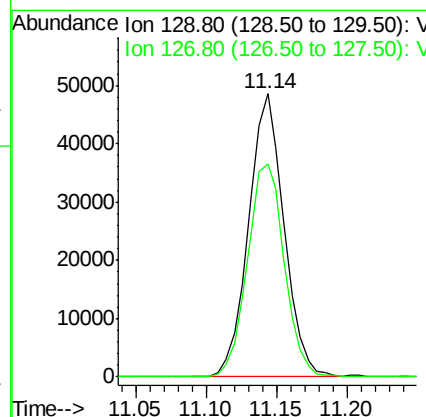
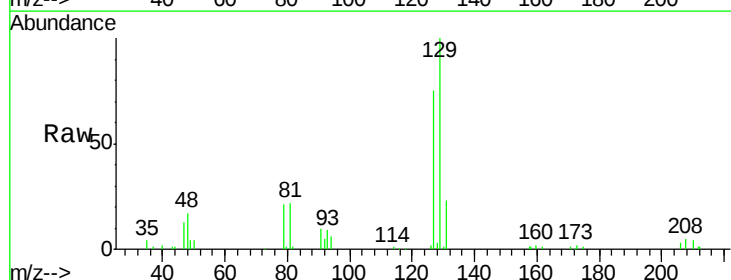
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

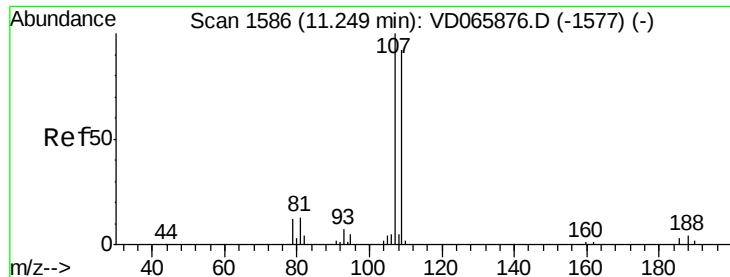
Tot Ion: 43 Resp: 176317
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.3



#60
Dibromochloromethane
Concen: 52.432 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 129 Resp: 85608
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2

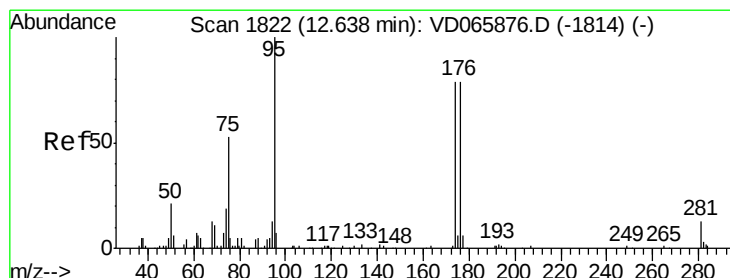
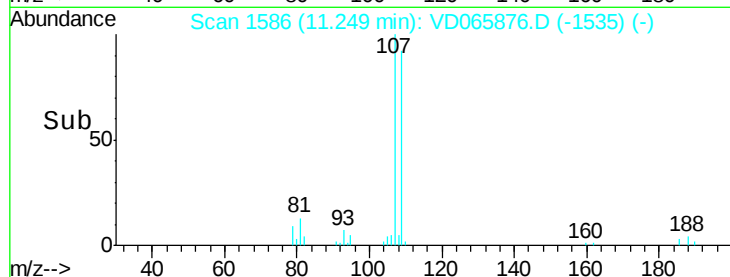
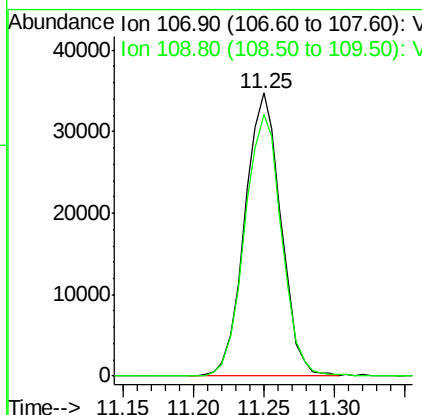
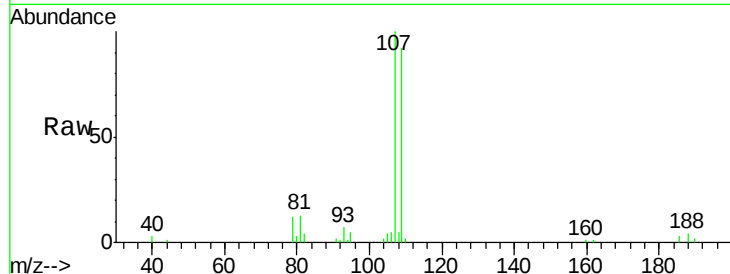




#61
 1,2-Dibromoethane
 Concen: 53.029 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

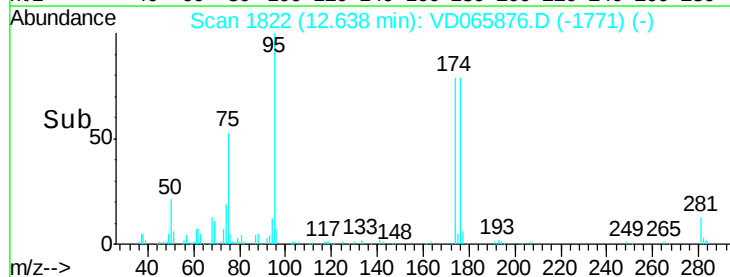
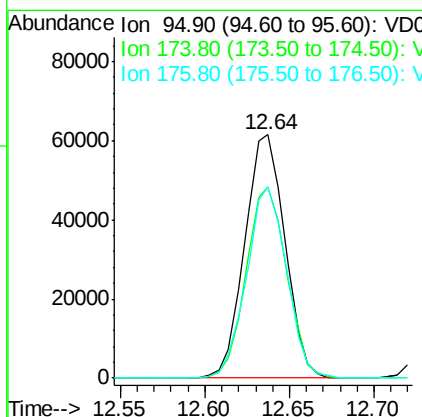
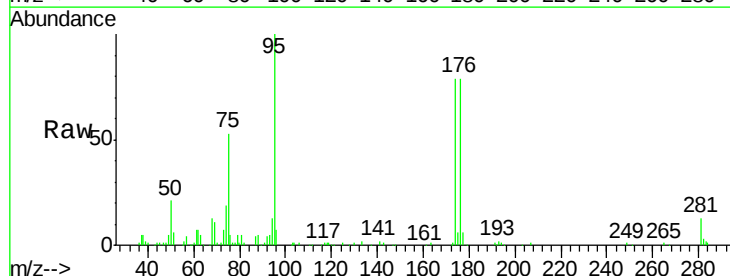
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

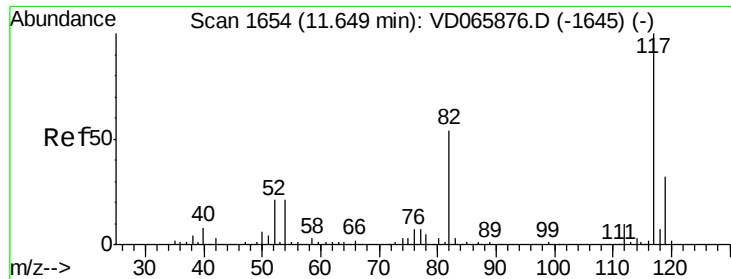
Tot Ion: 107 Resp: 62405
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 52.166 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

Tgt Ion: 95 Resp: 102016
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 158.4
 176 78.0 0.0 156.0

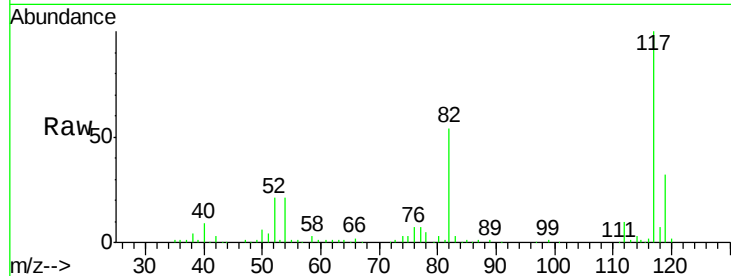




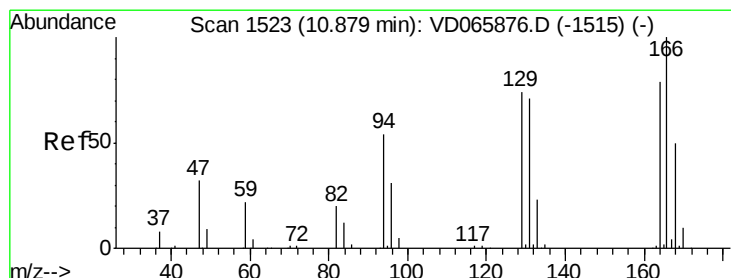
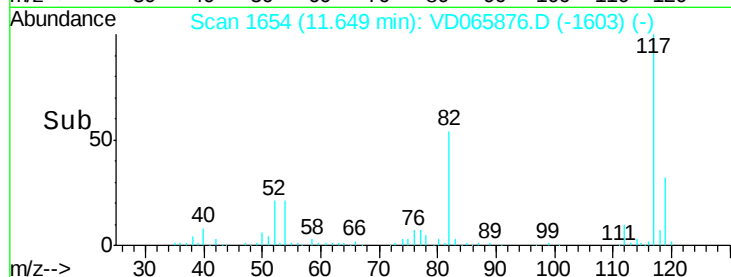
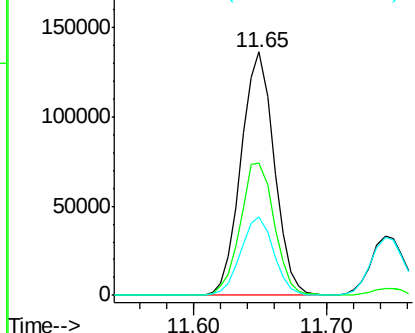
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 235218
Ion Ratio Lower Upper
117 100
82 54.5 43.6 65.4
119 32.4 25.9 38.9

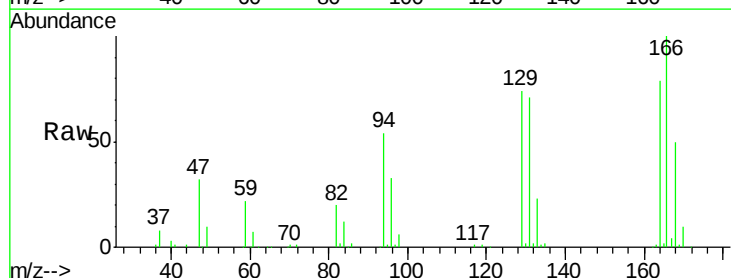


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

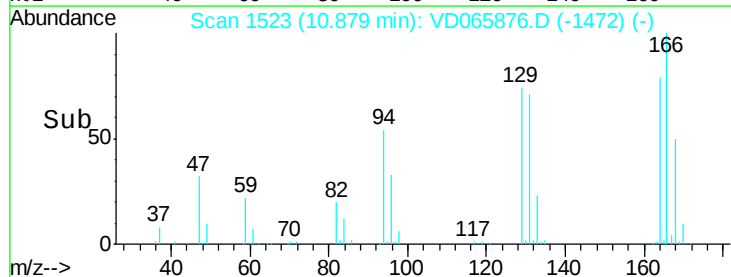
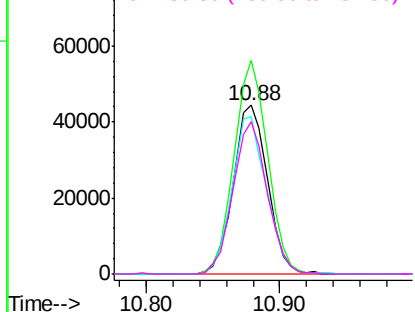


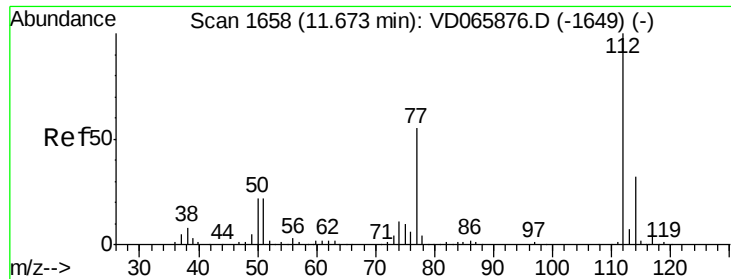
#64
Tetrachloroethene
Concen: 51.786 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion:164 Resp: 79196
Ion Ratio Lower Upper
164 100
166 126.6 101.3 151.9
129 93.1 74.5 111.7
131 90.3 72.2 108.4



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: 51.204 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

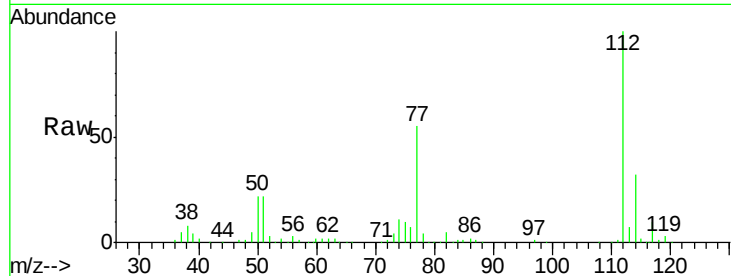
VSTDICCC050

Tot Ion:112 Resp: 237534

Ion Ratio Lower Upper

112 100

114 31.7 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

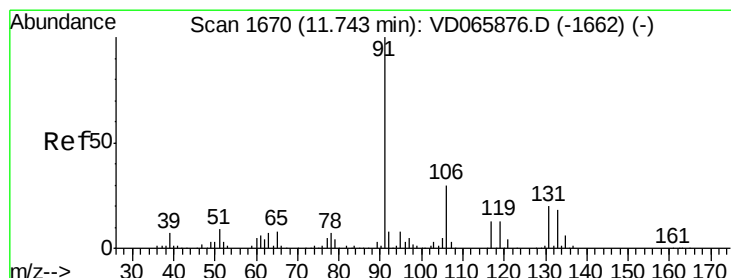
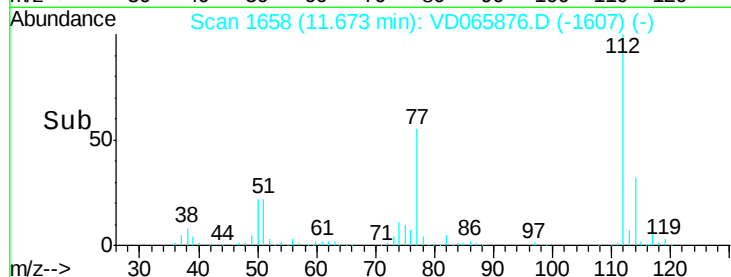
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.067 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

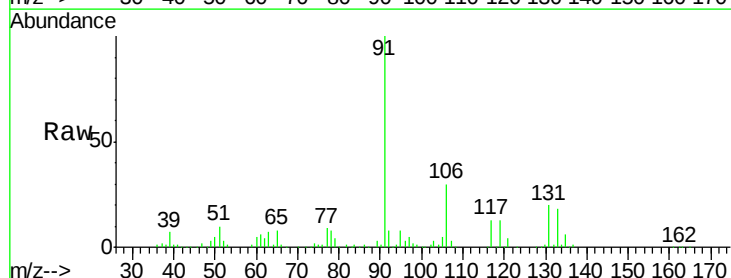
Tgt Ion:131 Resp: 87758

Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.3

119 65.9 33.0 98.9



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

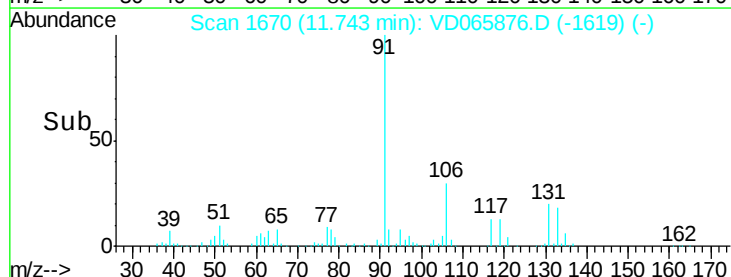
60000

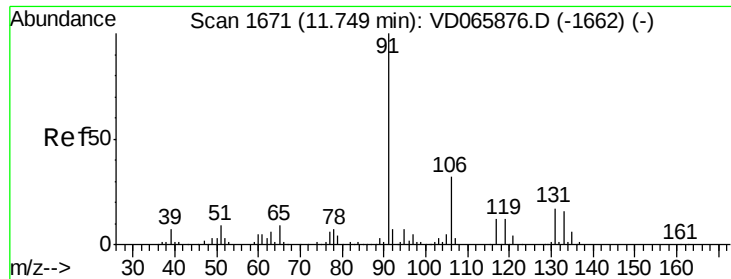
40000

20000

0

Time-->

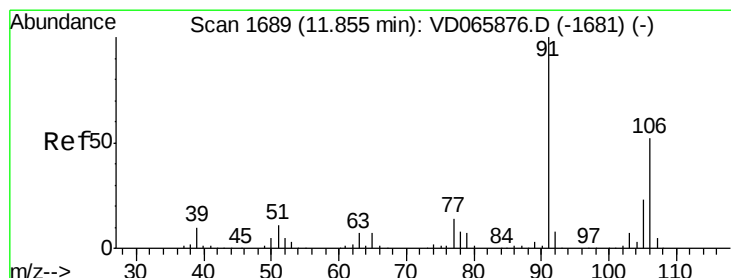
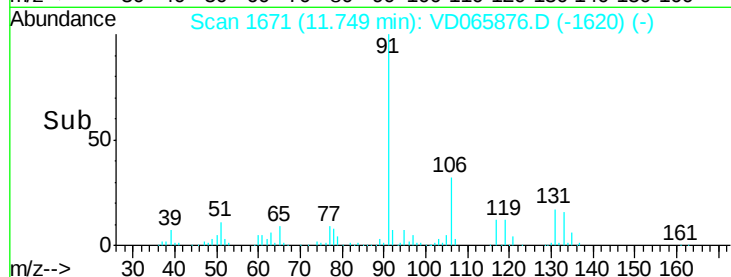
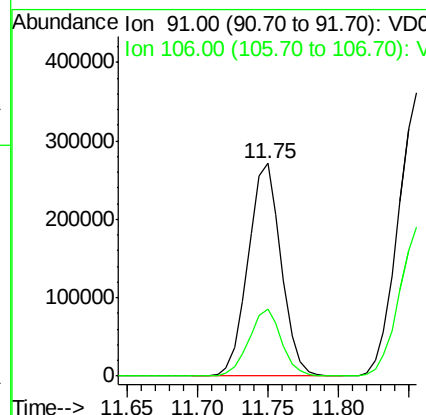
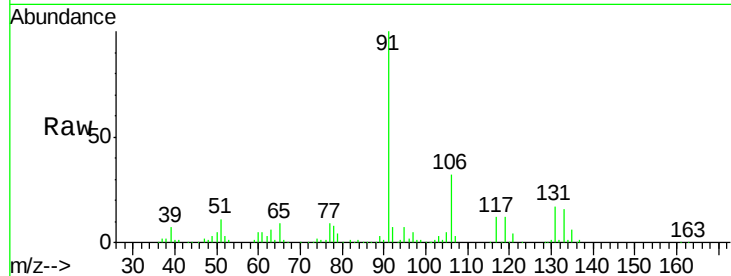




#67
Ethyl Benzene
Concen: 51.751 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

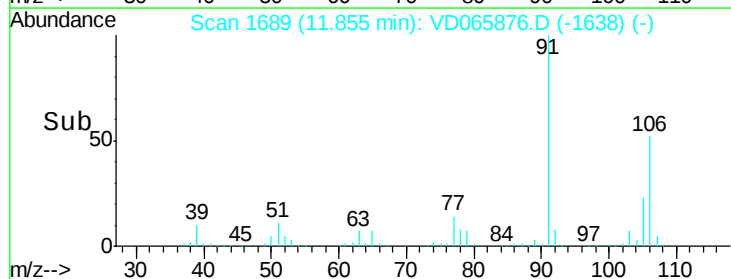
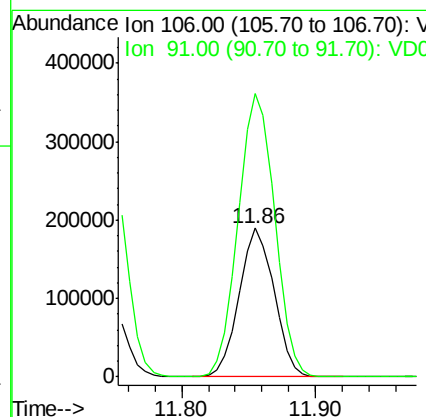
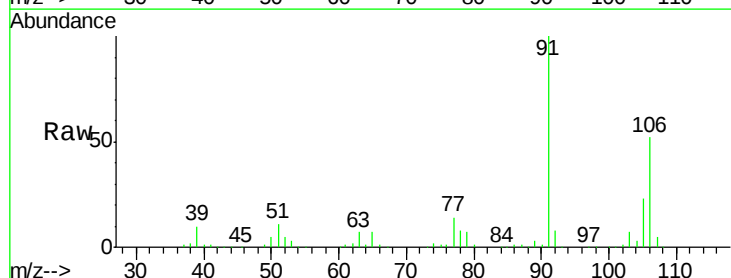
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

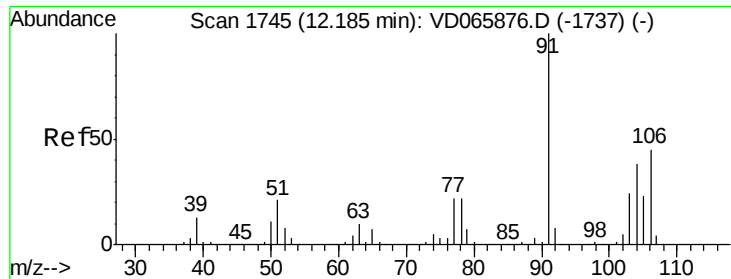
Tot Ion: 91 Resp: 445155
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 104.830 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 106 Resp: 343969
Ion Ratio Lower Upper
106 100
91 199.4 159.5 239.3

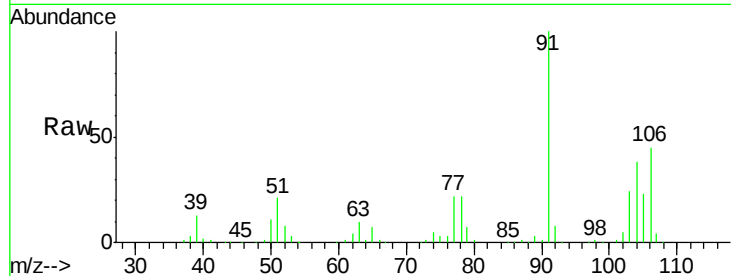




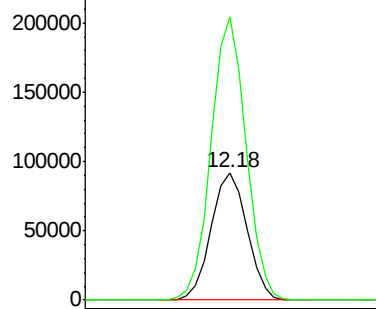
#69
o-Xylene
Concen: 52.082 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

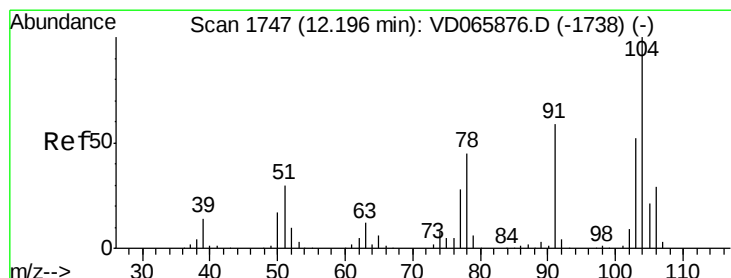
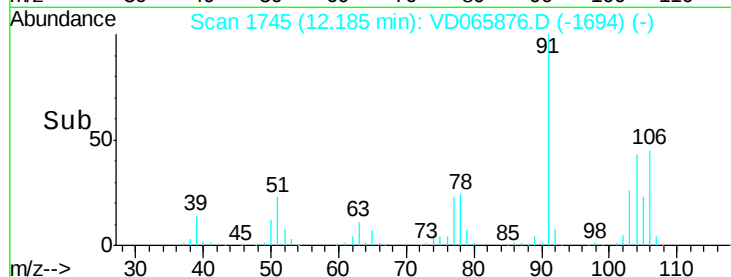
Tot Ion:106 Resp: 153146
Ion Ratio Lower Upper
106 100
91 215.1 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

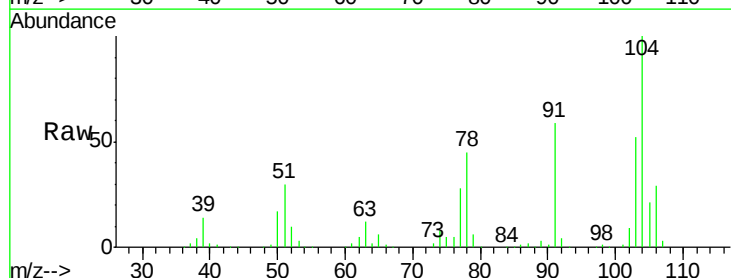


Time--> 12.10 12.15 12.20 12.25

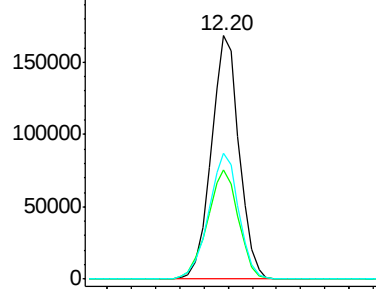


#70
Styrene
Concen: 52.585 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

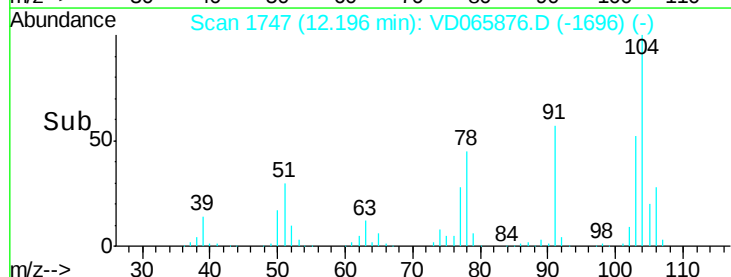
Tgt Ion:104 Resp: 270607
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 55.7 44.6 66.8

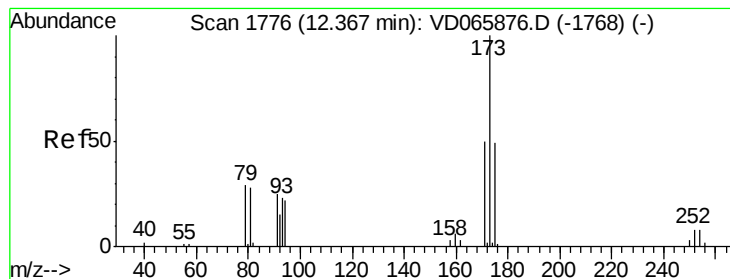


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



Time--> 12.10 12.20 12.30





#71

Bromoform

Concen: 51.087 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

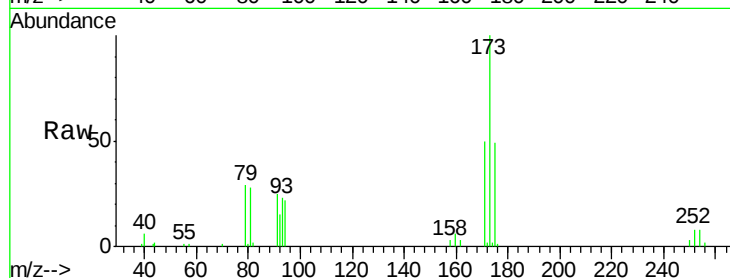
Tot Ion:173 Resp: 46769

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.8

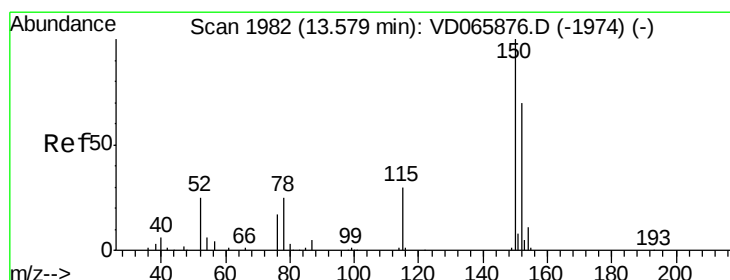
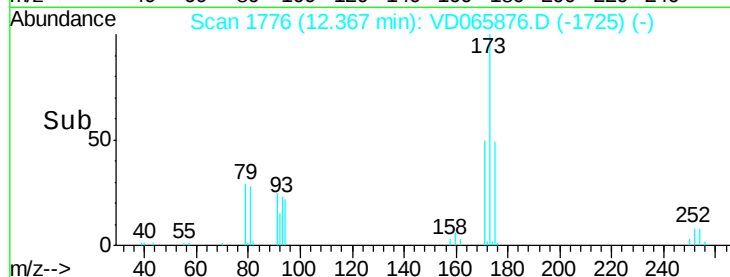
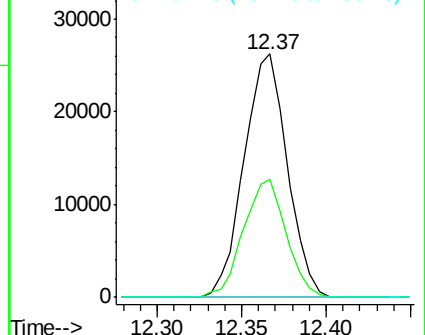
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

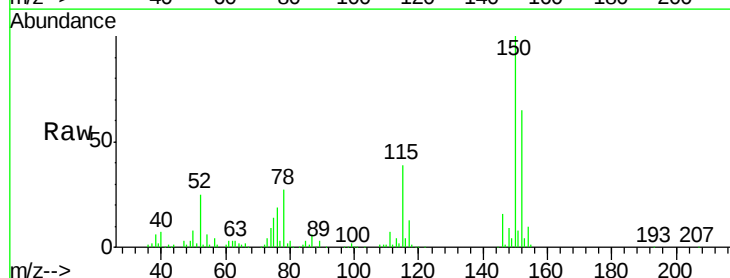
Tgt Ion:152 Resp: 113380

Ion Ratio Lower Upper

152 100

115 59.4 29.7 89.1

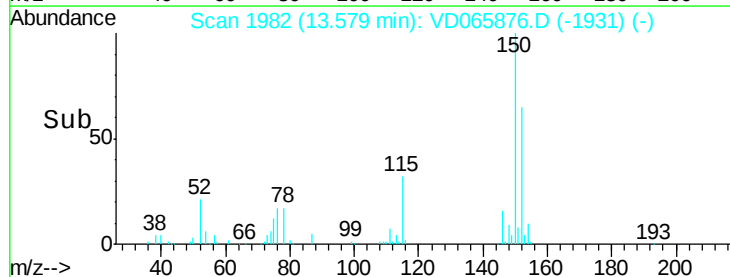
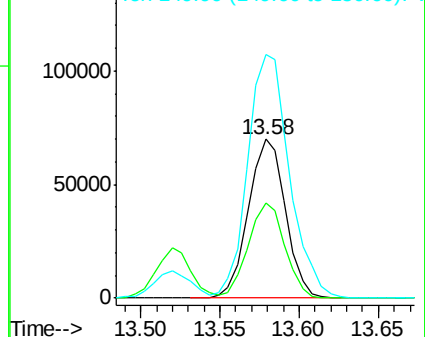
150 173.1 0.0 346.2

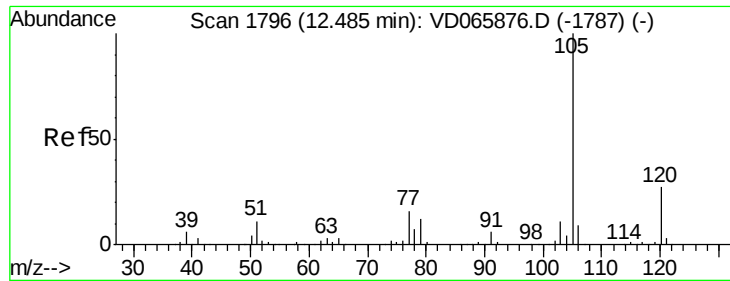


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.352 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

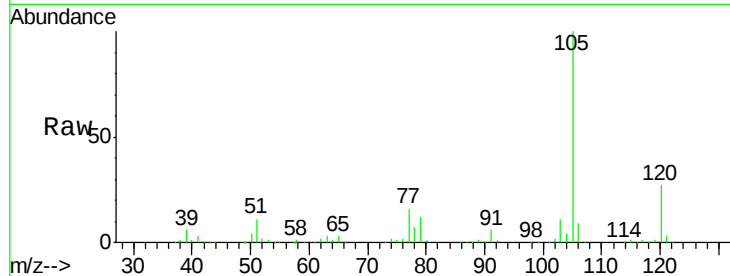
VSTDICCC050

Tot Ion:105 Resp: 424478

Ion Ratio Lower Upper

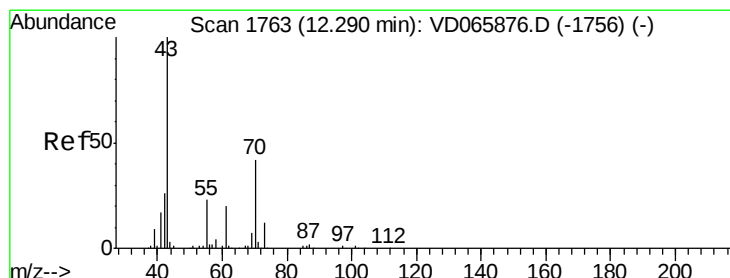
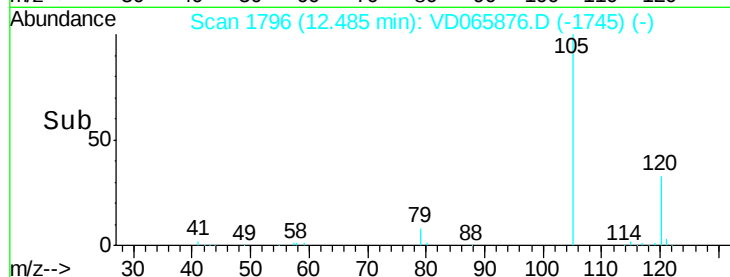
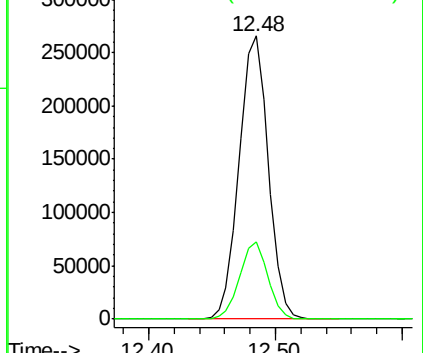
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.492 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Tgt Ion: 43 Resp: 96479

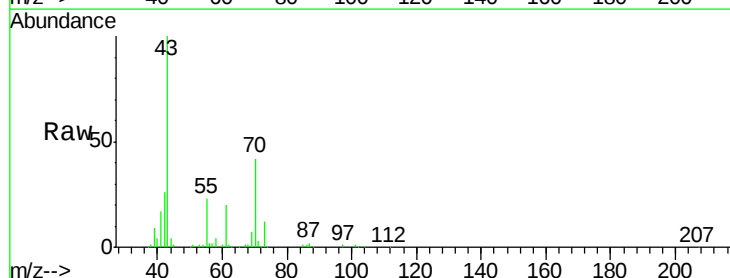
Ion Ratio Lower Upper

43 100

70 40.6 32.5 48.7

55 23.4 18.7 28.1

61 20.9 16.7 25.1

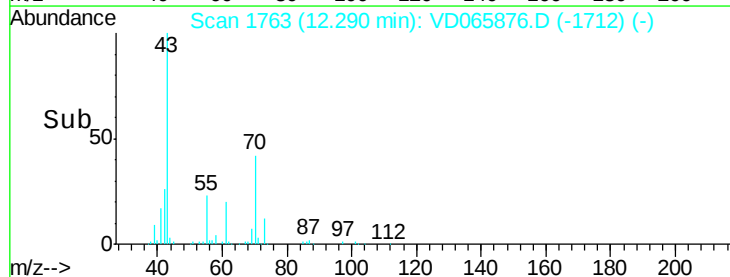
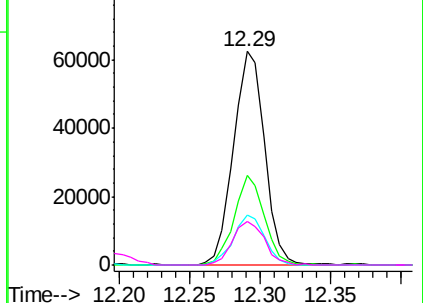


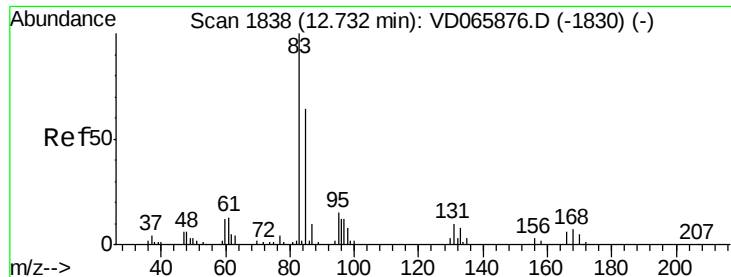
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 51.756 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

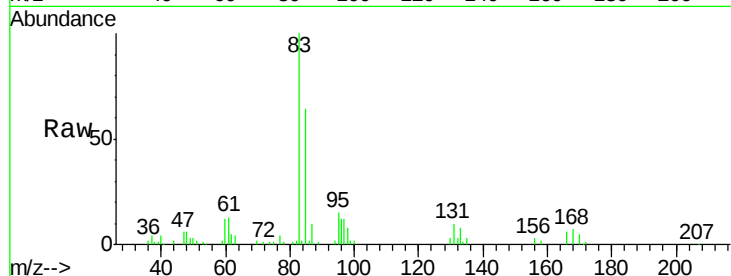
Tot Ion: 83 Resp: 69186

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

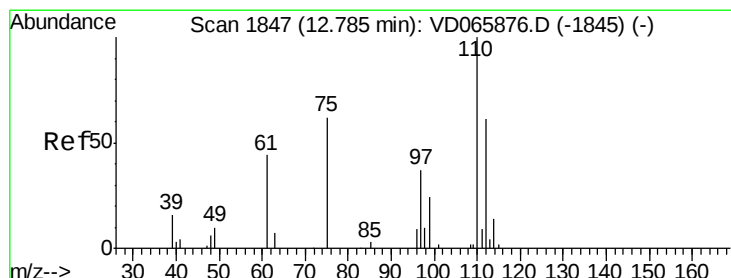
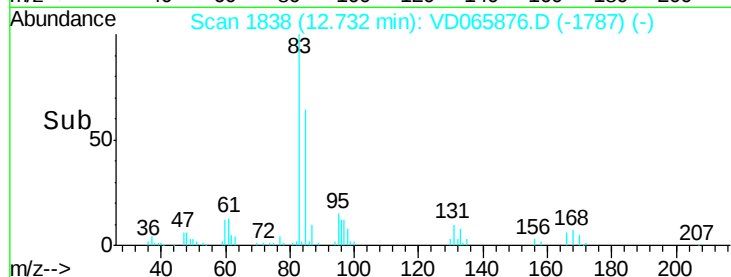
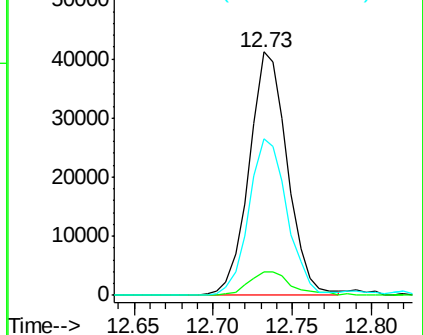
85 64.6 32.3 96.9



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: 53.911 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD065876.D

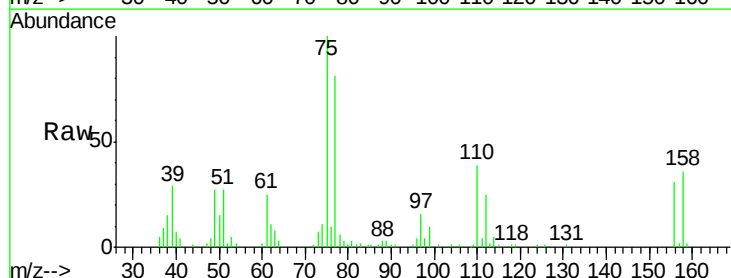
Acq: 26 Jun 2020 12:05

Tgt Ion: 75 Resp: 50675

Ion Ratio Lower Upper

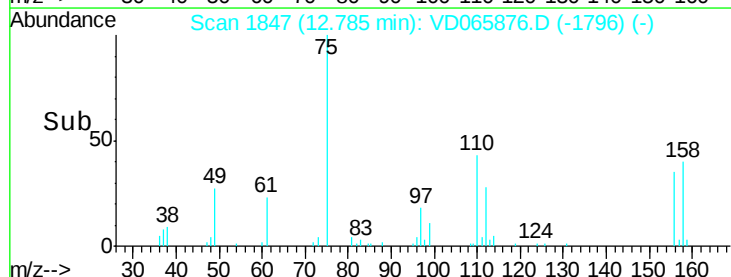
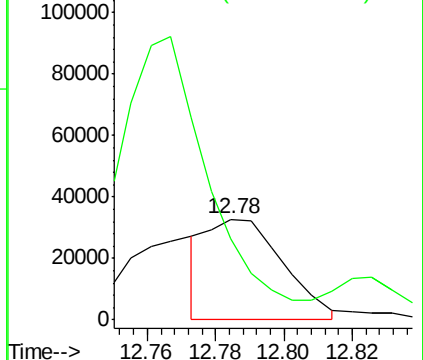
75 100

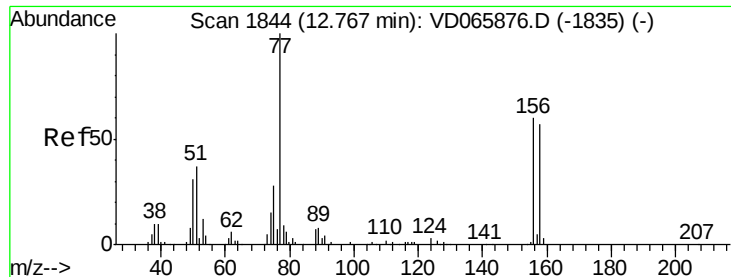
77 337.0 168.5 505.5



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.697 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

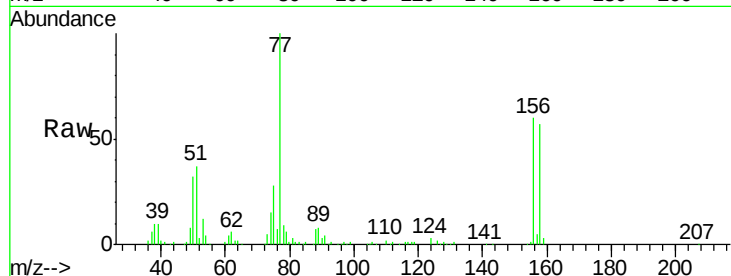
Tot Ion:156 Resp: 94351

Ion Ratio Lower Upper

156 100

77 181.0 90.5 271.5

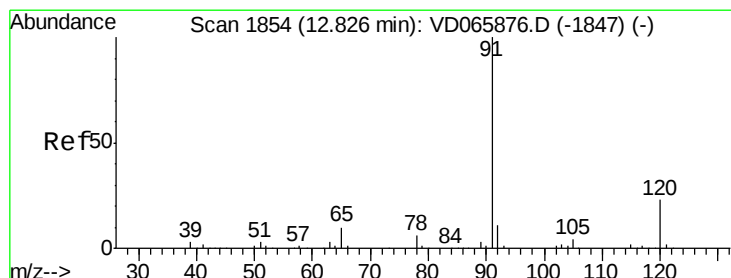
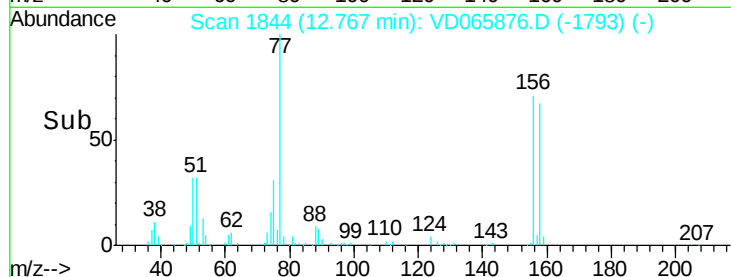
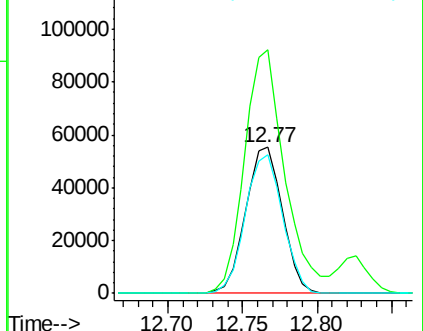
158 96.4 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.407 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065876.D

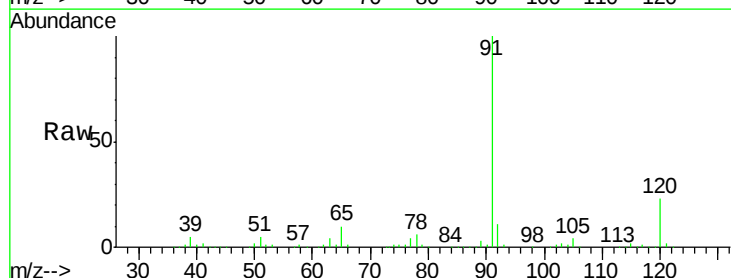
Acq: 26 Jun 2020 12:05

Tgt Ion: 91 Resp: 513154

Ion Ratio Lower Upper

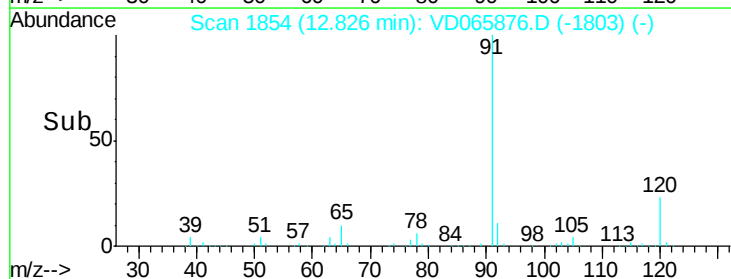
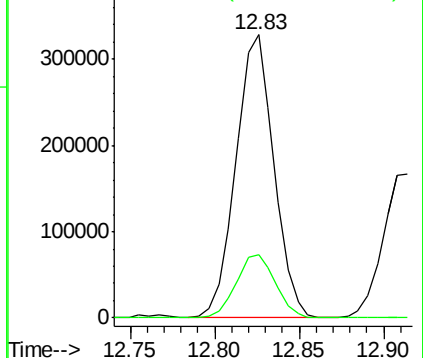
91 100

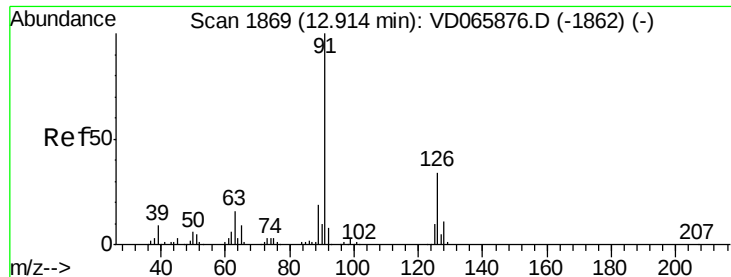
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

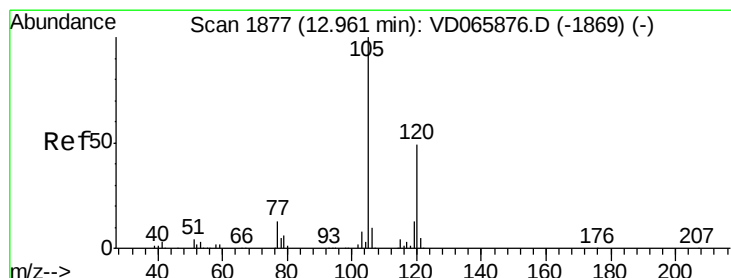
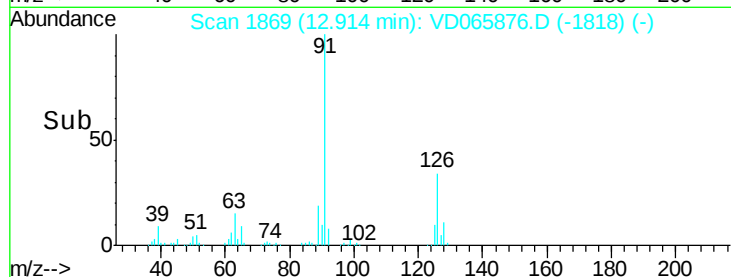
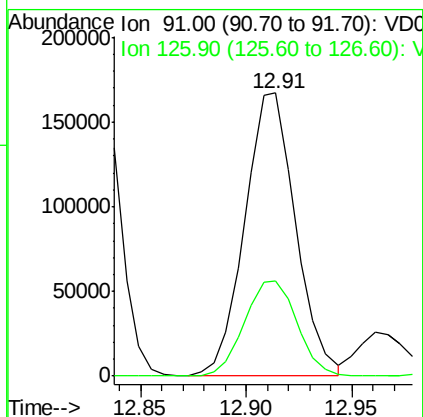
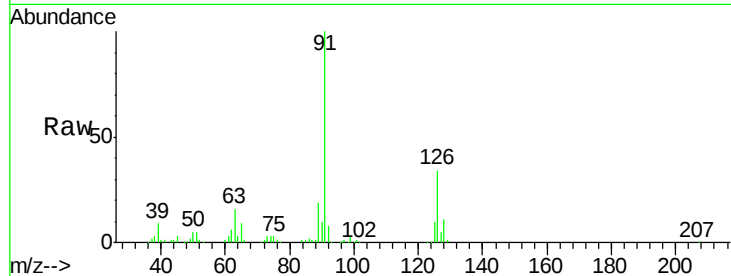




#79
 2-Chlorotoluene
 Concen: 51.879 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

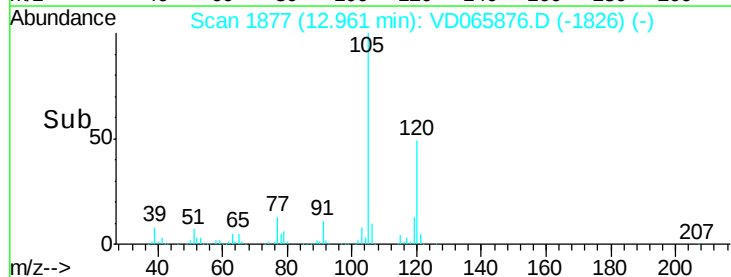
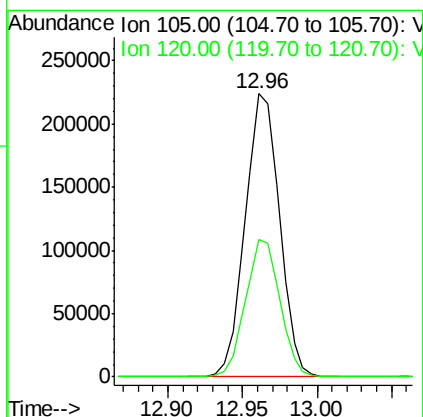
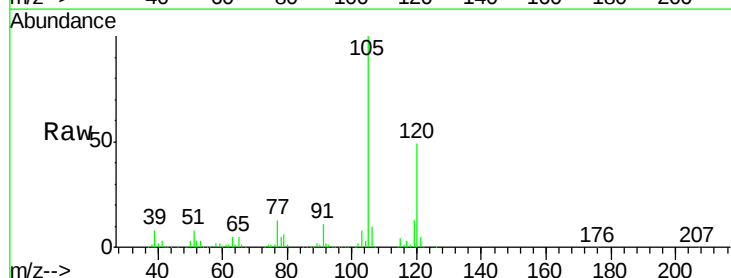
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

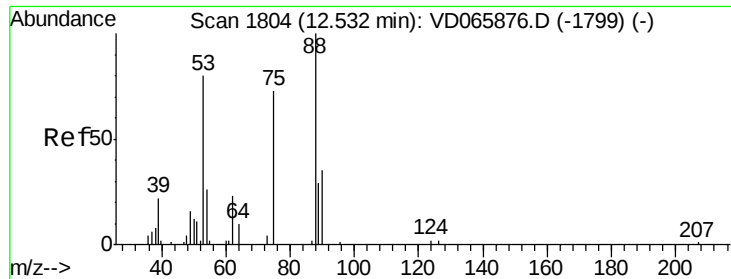
Tot Ion: 91 Resp: 279138
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 52.677 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

Tgt Ion: 105 Resp: 355898
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8

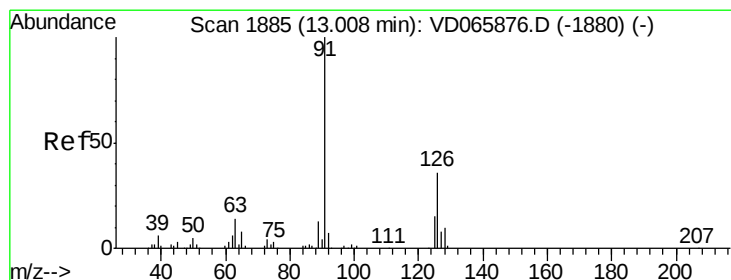
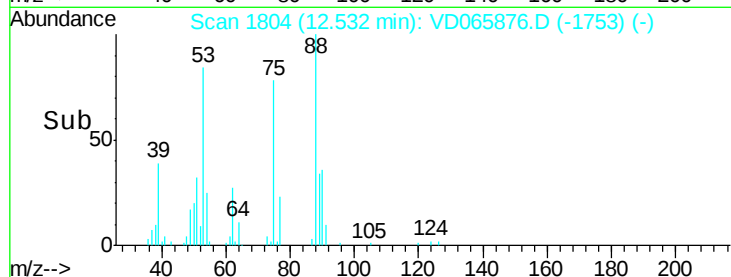
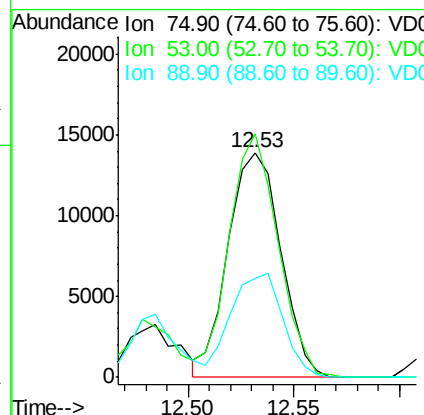
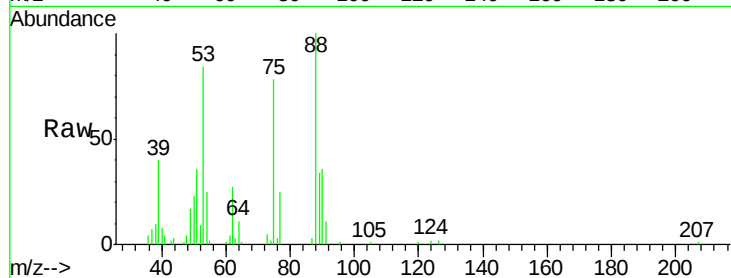




#81
trans-1,4-Dichloro-2-butene
Concen: 52.646 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

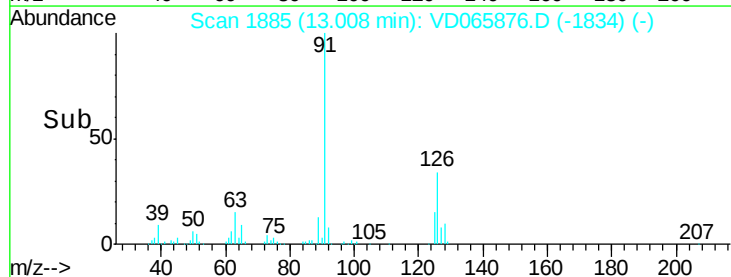
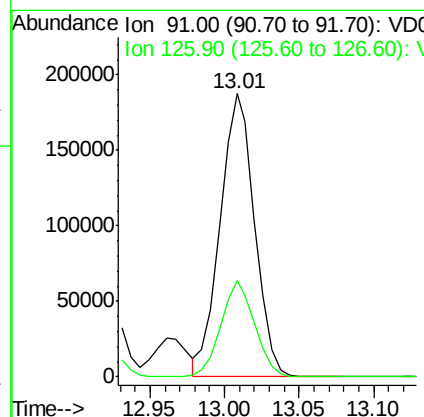
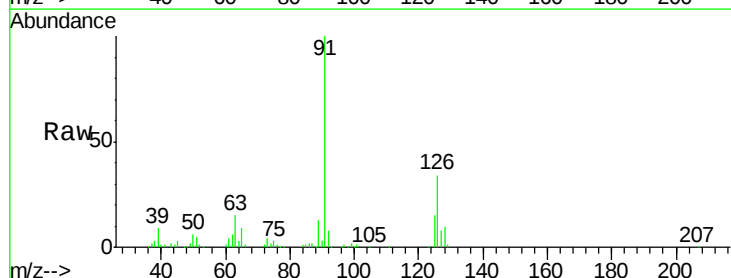
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

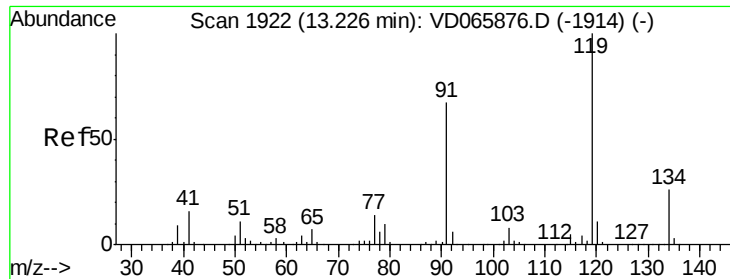
Tot Ion: 75 Resp: 24035
Ion Ratio Lower Upper
75 100
53 100.8 80.6 121.0
89 45.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 52.167 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 91 Resp: 301842
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8

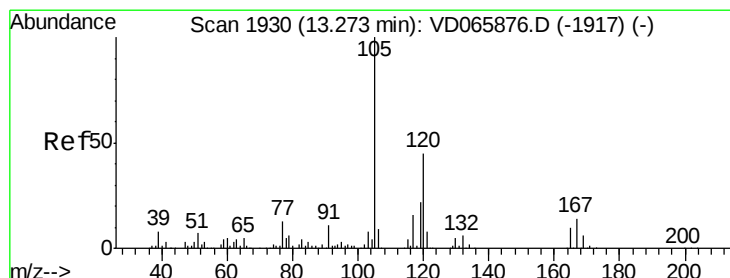
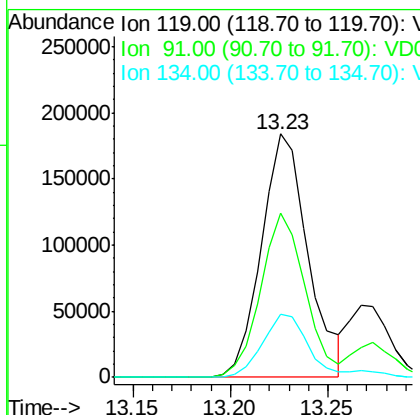
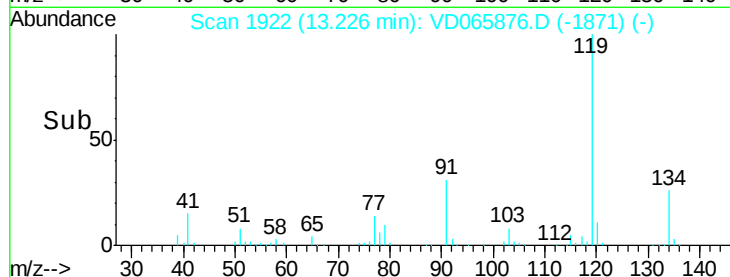
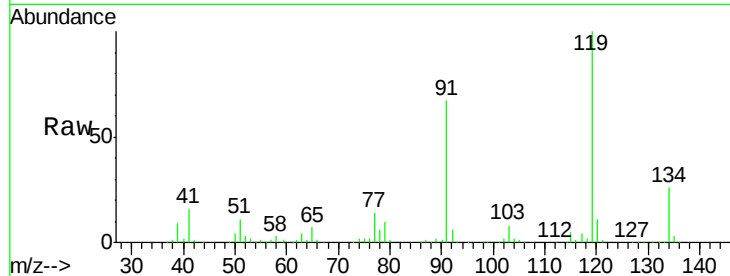




#83
tert-Butylbenzene
Concen: 53.080 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

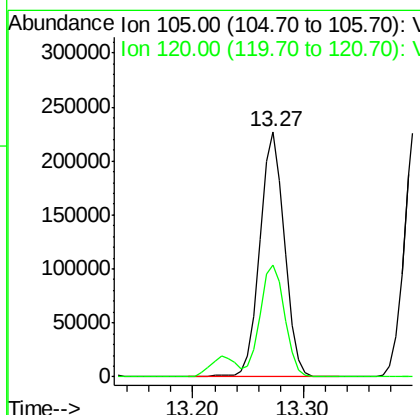
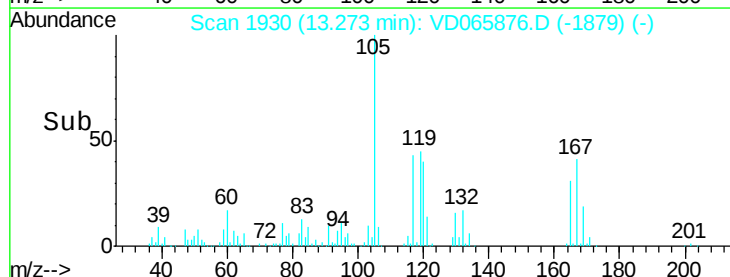
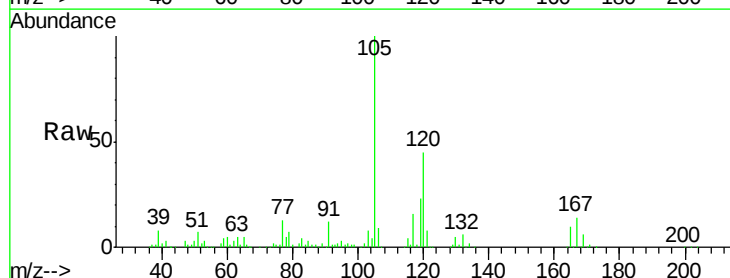
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

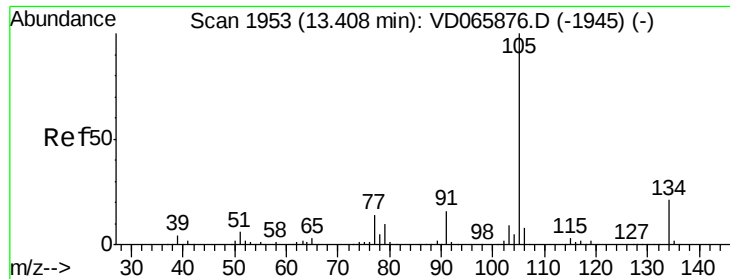
Tot Ion:119 Resp: 304809
Ion Ratio Lower Upper
119 100
91 64.4 32.2 96.6
134 26.9 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 52.905 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion:105 Resp: 355696
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.025 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

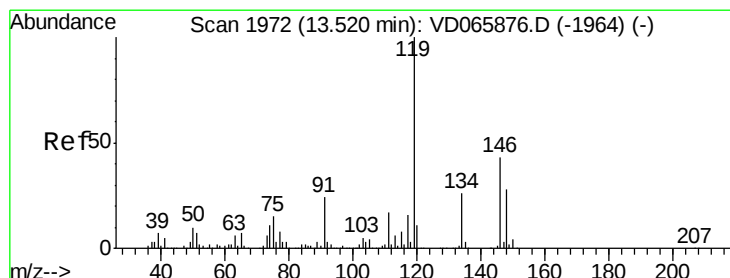
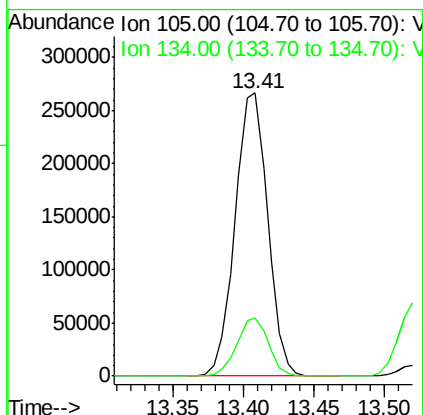
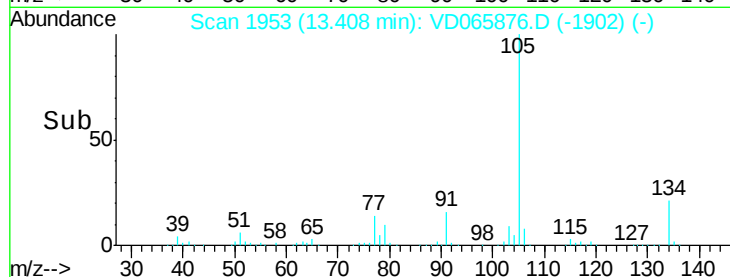
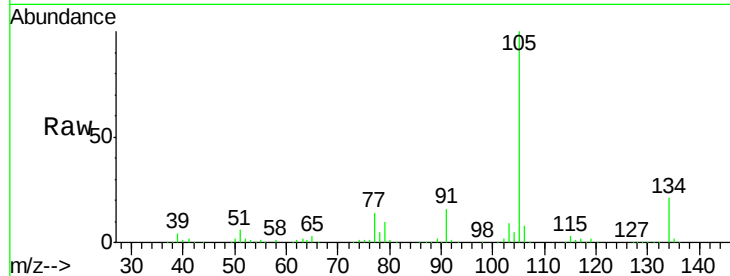
VSTDICCC050

Tot Ion:105 Resp: 430195

Ion Ratio Lower Upper

105 100

134 19.9 10.0 29.8



#86

p-Isopropyltoluene

Concen: 53.351 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

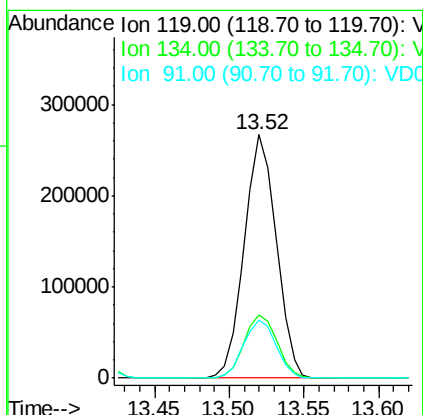
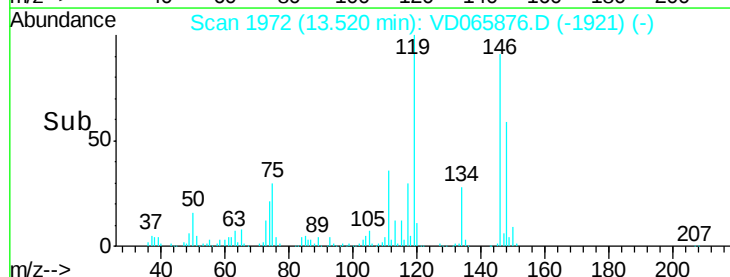
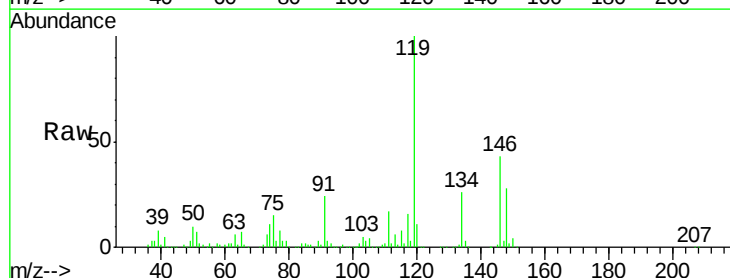
Tgt Ion:119 Resp: 397436

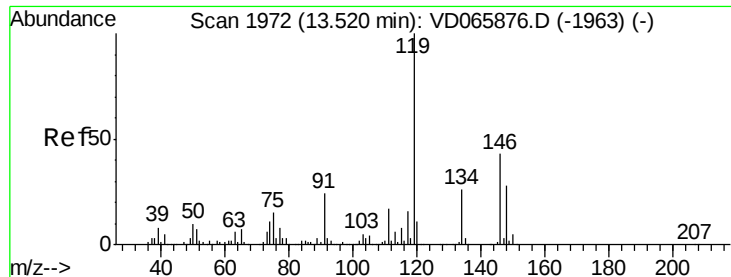
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 24.1 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 52.381 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

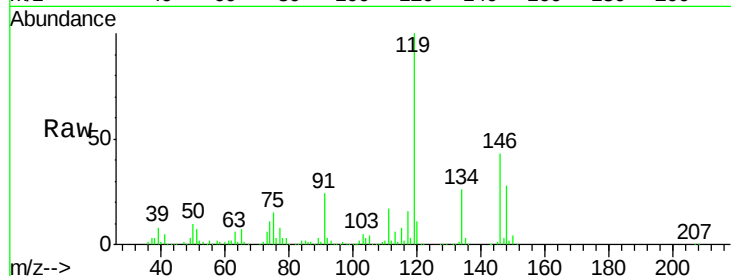
Tot Ion:146 Resp: 186212

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.4

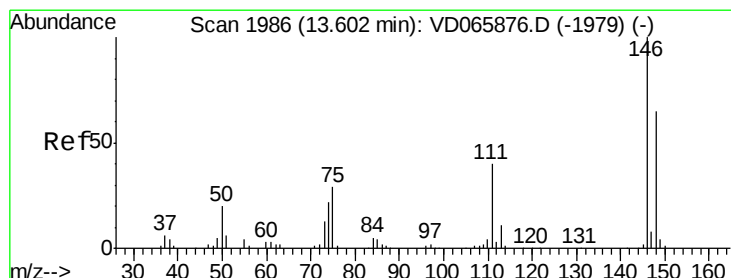
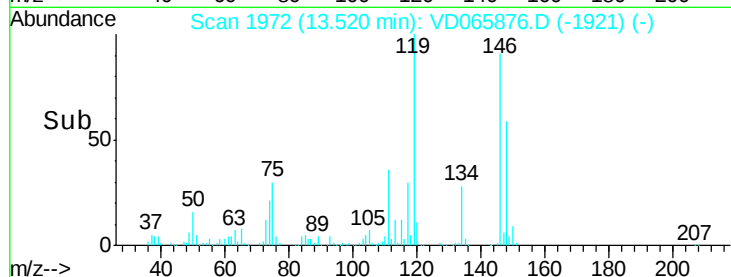
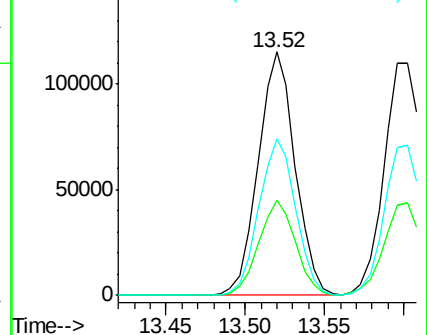
148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.725 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD065876.D

Acq: 26 Jun 2020 12:05

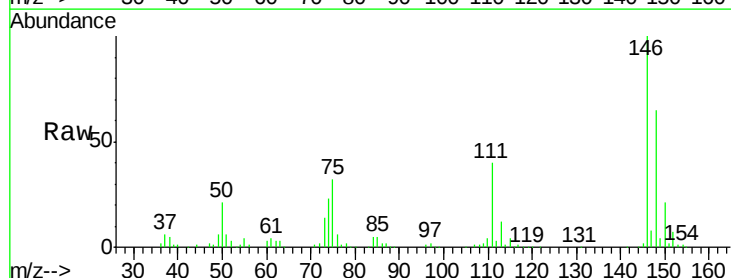
Tgt Ion:146 Resp: 183832

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.6

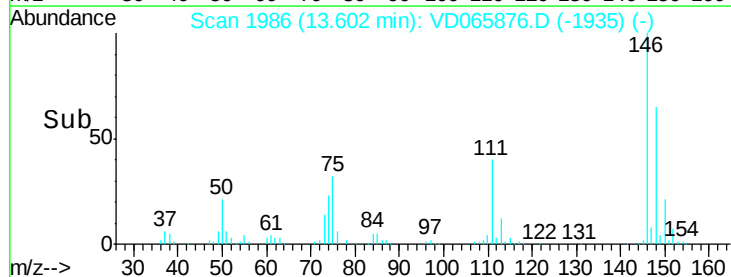
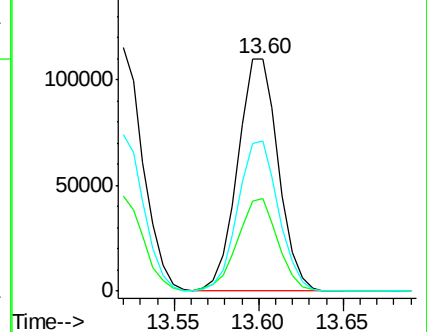
148 64.9 32.5 97.4

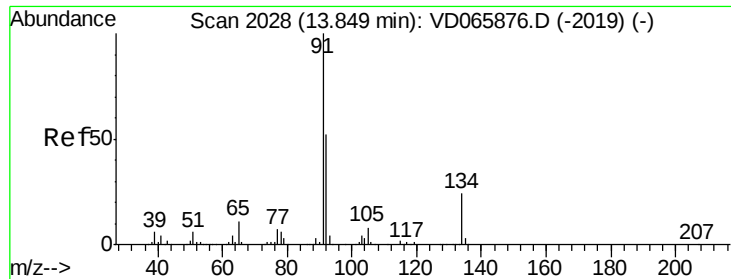


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

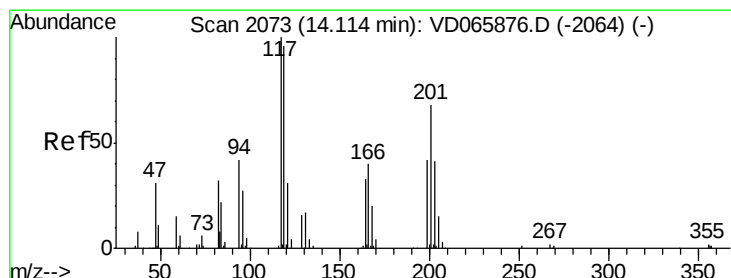
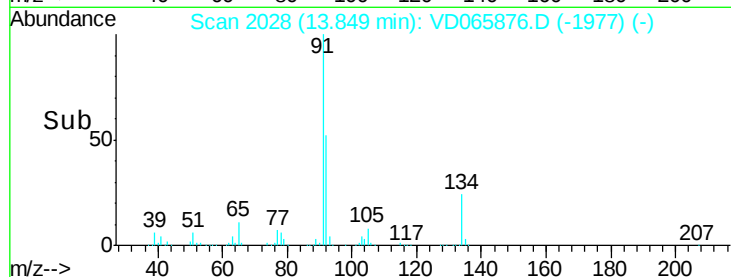
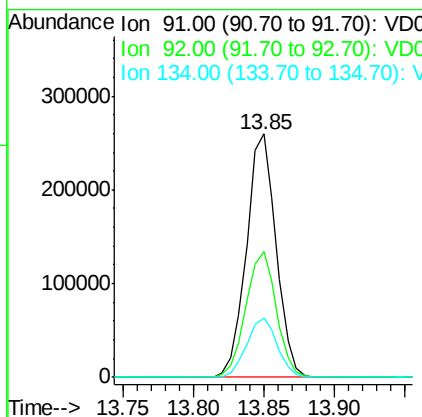
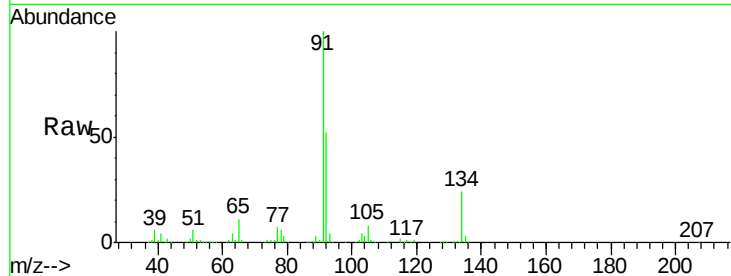




#89
n-Butylbenzene
Concen: 53.093 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

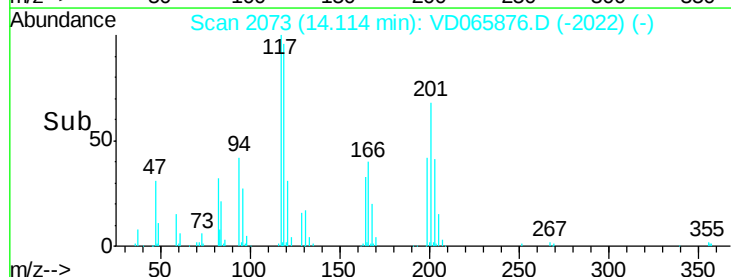
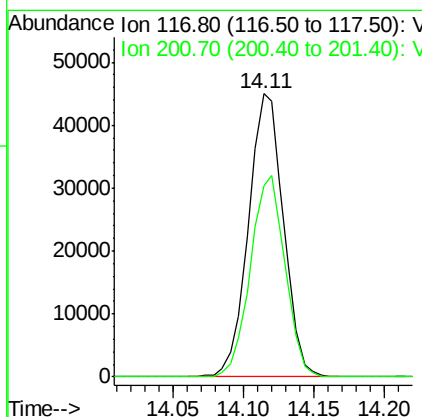
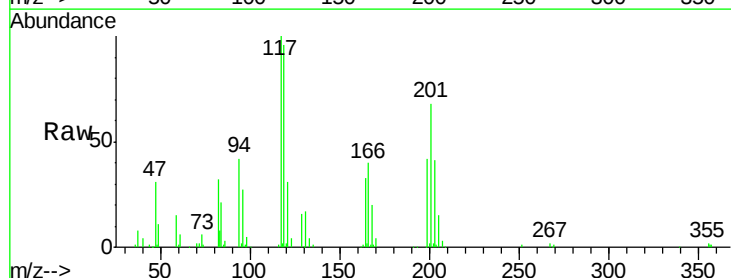
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

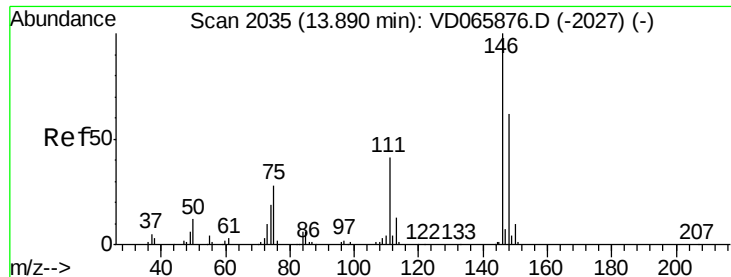
Tot Ion: 91 Resp: 383464
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.4
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 52.128 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion: 117 Resp: 78295
Ion Ratio Lower Upper
117 100
201 70.3 35.1 105.5

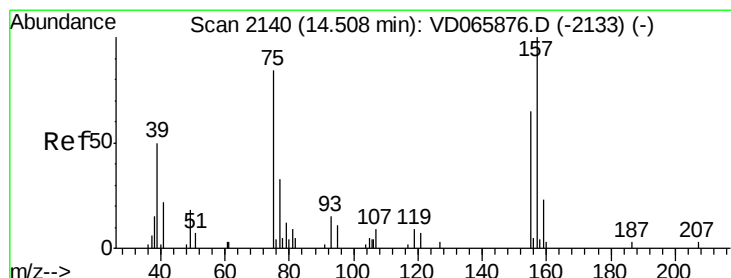
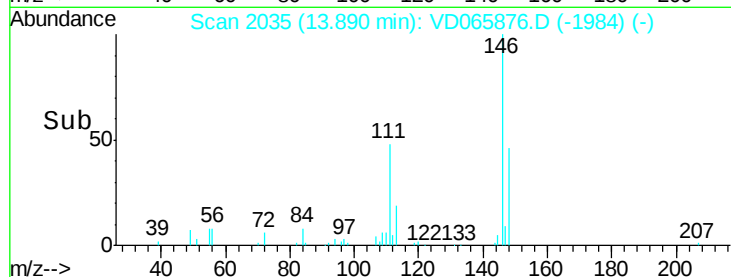
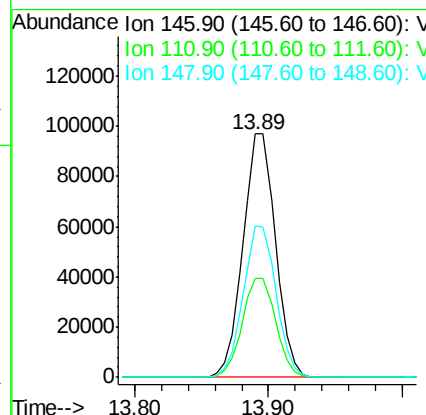
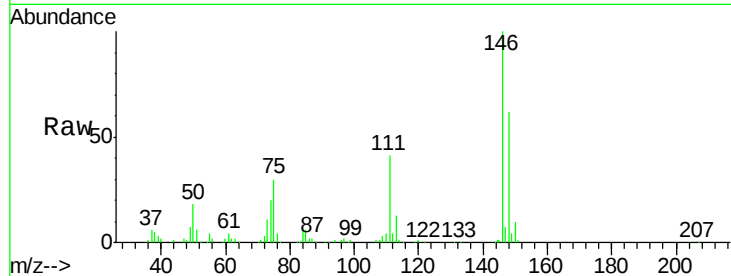




#91
 1,2-Dichlorobenzene
 Concen: 52.603 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

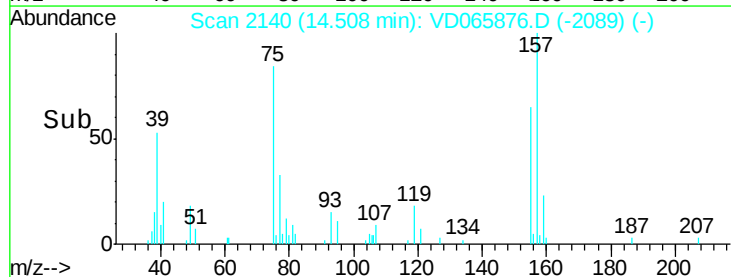
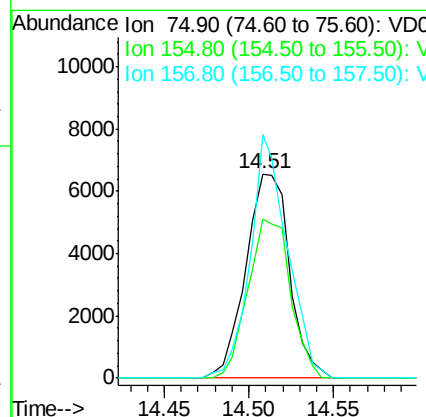
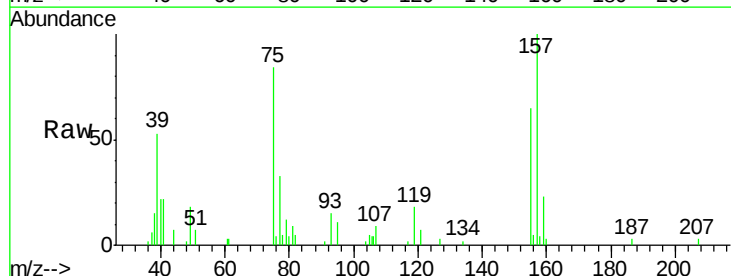
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

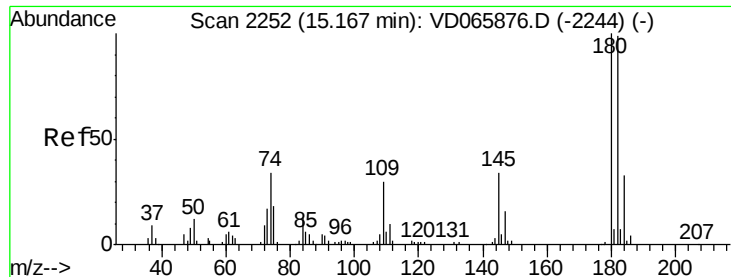
Tot Ion:146 Resp: 163408
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.4
 148 62.7 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.027 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

Tgt Ion: 75 Resp: 11783
 Ion Ratio Lower Upper
 75 100
 155 75.5 37.8 113.3
 157 101.2 50.6 151.8

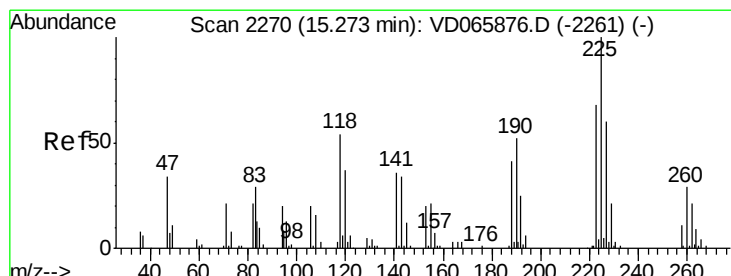
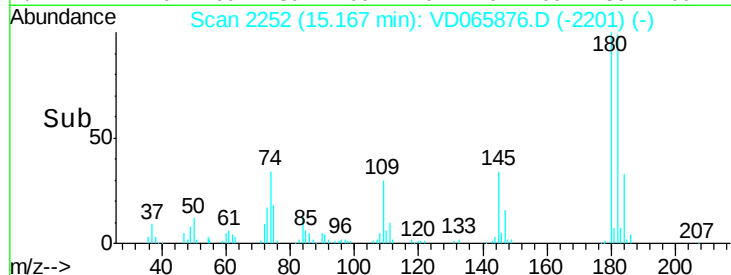
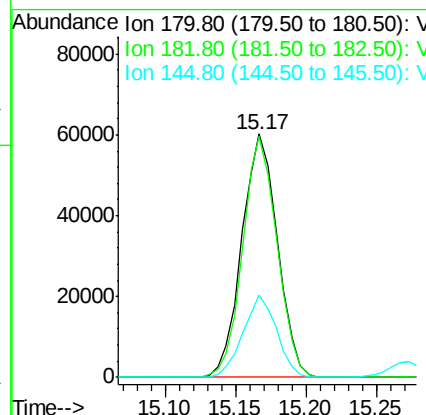
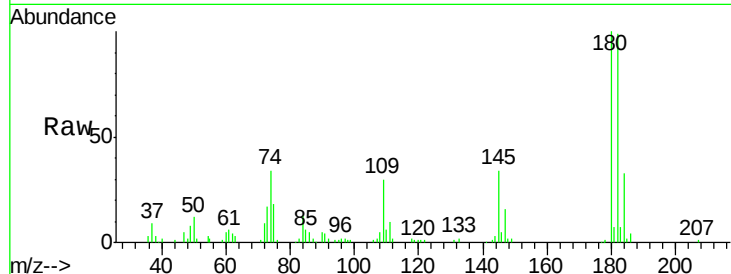




#93
 1,2,4-Trichlorobenzene
 Concen: 52.882 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

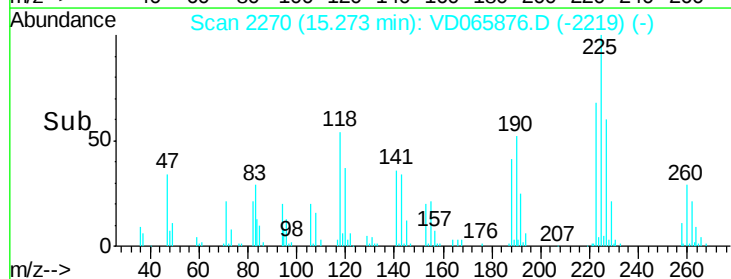
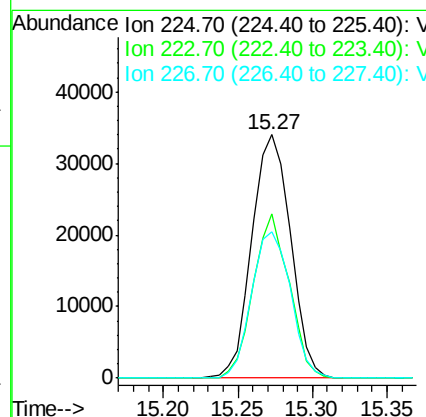
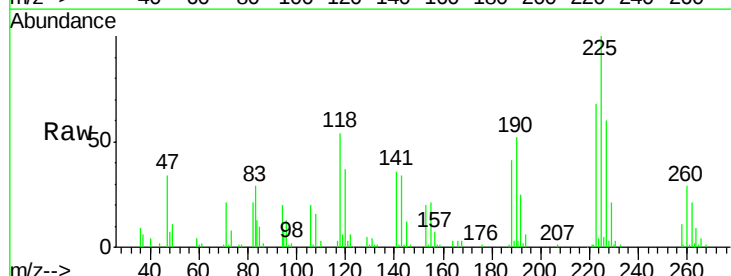
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

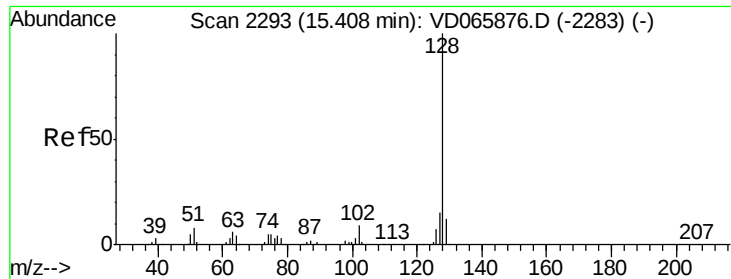
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	32.0	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 55.268 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065876.D
 Acq: 26 Jun 2020 12:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	60.2	30.1	90.3

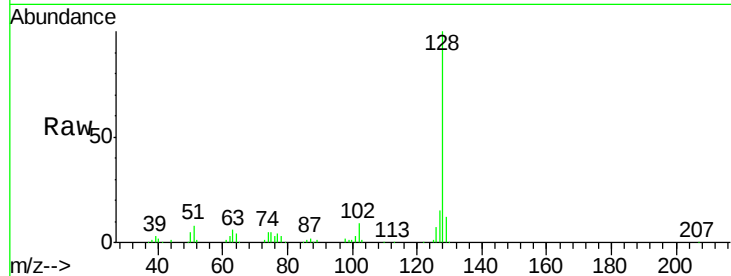




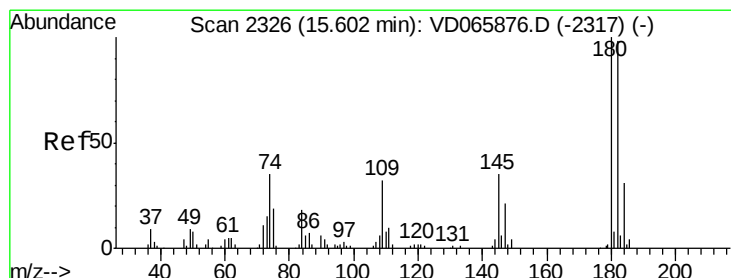
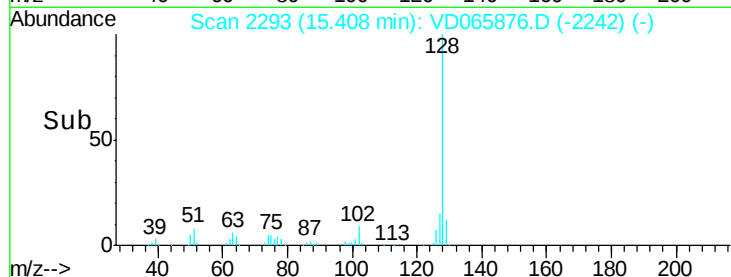
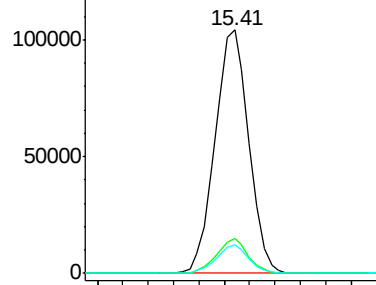
#95
Naphthalene
Concen: 55.106 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 192536
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.0 8.8 13.2

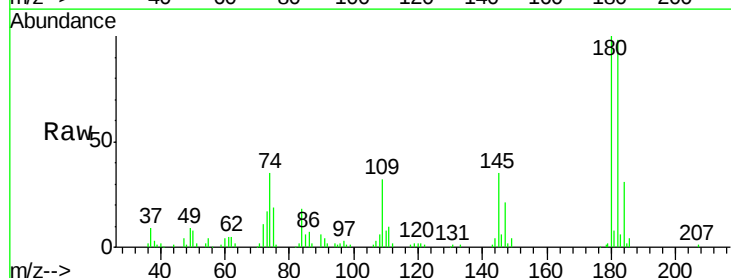


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.490 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065876.D
Acq: 26 Jun 2020 12:05

Tgt Ion:180 Resp: 87032
Ion Ratio Lower Upper
180 100
182 97.7 48.9 146.6
145 33.1 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

