

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100120\
 Data File : VD066988.D
 Acq On : 01 Oct 2020 12:47
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 01 15:06:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:02:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	475191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	727285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	671897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	321808	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	237000	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	7.91	113	252879	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
50) Toluene-d8	10.34	98	951394	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
62) 4-Bromofluorobenzene	12.63	95	315991	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	204163	47.318	ug/l	100
3) Chloromethane	2.21	50	178122	47.068	ug/l	100
4) Vinyl Chloride	2.35	62	184867	48.719	ug/l	100
5) Bromomethane	2.77	94	130610	47.224	ug/l	100
6) Chloroethane	2.92	64	114048	49.353	ug/l	100
7) Trichlorofluoromethane	3.27	101	408727	48.482	ug/l	100
8) Diethyl Ether	3.71	74	107983	51.652	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	231616	48.607	ug/l	100
10) Methyl Iodide	4.30	142	239858	51.805	ug/l	100
11) Tert butyl alcohol	5.22	59	66055	169.537	ug/l	100
12) 1,1-Dichloroethene	4.07	96	220776	49.286	ug/l	100
13) Acrolein	3.93	56	71756	234.133	ug/l	100
14) Allyl chloride	4.71	41	299638	51.491	ug/l	100
15) Acrylonitrile	5.42	53	195870	254.565	ug/l	100
16) Acetone	4.16	43	180656	258.566	ug/l	100
17) Carbon Disulfide	4.41	76	680100	49.472	ug/l	100
18) Methyl Acetate	4.71	43	88752	50.541	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	436576	53.388	ug/l	100
20) Methylene Chloride	4.96	84	262733	41.252	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	256903	50.394	ug/l	100
22) Diisopropyl ether	6.36	45	561708	52.872	ug/l	100
23) Vinyl Acetate	6.31	43	1659780	275.703	ug/l	100
24) 1,1-Dichloroethane	6.27	63	411336	50.169	ug/l	100
25) 2-Butanone	7.21	43	247513	249.868	ug/l	100
26) 2,2-Dichloropropane	7.21	77	376041	47.802	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	276713	50.824	ug/l	100
28) Bromochloromethane	7.54	49	169566	53.553	ug/l	100
29) Tetrahydrofuran	7.56	42	150409	264.074	ug/l	100
30) Chloroform	7.71	83	438600	49.313	ug/l	100
31) Cyclohexane	7.98	56	332320	48.346	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	407970	49.494	ug/l	100
36) 1,1-Dichloropropene	8.11	75	344870	50.873	ug/l	100
37) Ethyl Acetate	7.30	43	119575	50.916	ug/l	100
38) Carbon Tetrachloride	8.10	117	375156	51.147	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	388387	54.190	ug/l	100
40) Benzene	8.35	78	960974	51.036	ug/l	100
41) Methacrylonitrile	7.56	41	154369	121.670	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	267163	50.777	ug/l	100
43) Isopropyl Acetate	8.45	43	227815	52.657	ug/l	100
44) Trichloroethene	9.11	130	282807	50.298	ug/l	100
45) 1,2-Dichloropropane	9.38	63	231806	52.395	ug/l	100
46) Dibromomethane	9.47	93	134456	52.877	ug/l	100
47) Bromodichloromethane	9.66	83	340558	51.523	ug/l	100
48) Methyl methacrylate	9.46	41	123735	55.825	ug/l	100
49) 1,4-Dioxane	9.46	88	27380	1031.701	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	585464	271.682	ug/l	100
52) Toluene	10.40	92	641711	52.906	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	313854	53.128	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	375175	52.009	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	183428	51.885	ug/l	100
56) Ethyl methacrylate	10.66	69	209468	57.389	ug/l	100
57) 1,3-Dichloropropane	10.94	76	300723	52.456	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	564179	277.716	ug/l	100
59) 2-Hexanone	10.98	43	398309	276.928	ug/l	100
60) Dibromochloromethane	11.14	129	248099	52.654	ug/l	100
61) 1,2-Dibromoethane	11.24	107	180716	53.208	ug/l	100
64) Tetrachloroethene	10.87	164	241533	49.447	ug/l	100
65) Chlorobenzene	11.67	112	673465	50.397	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	255796	50.322	ug/l	100
67) Ethyl Benzene	11.74	91	1203885	52.580	ug/l	100
68) m/p-Xylenes	11.86	106	933759	104.645	ug/l	100
69) o-Xylene	12.18	106	429577	53.835	ug/l	100
70) Styrene	12.20	104	738604	53.905	ug/l	100
71) Bromoform	12.36	173	134648	51.030	ug/l	100
73) Isopropylbenzene	12.48	105	1175978	53.817	ug/l	100
74) N-amyl acetate	12.29	43	208660	53.120	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	188009	51.067	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	239583	87.344	ug/l #	100
77) Bromobenzene	12.76	156	268453	50.879	ug/l	100
78) n-propylbenzene	12.82	91	1387521	53.729	ug/l	100
79) 2-Chlorotoluene	12.91	91	771975	52.248	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	999620	54.146	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	58519	52.049	ug/l	100
82) 4-Chlorotoluene	13.01	91	811658	51.632	ug/l	100
83) tert-Butylbenzene	13.23	119	821054	52.813	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	980017	53.192	ug/l	100
85) sec-Butylbenzene	13.41	105	1172177	53.540	ug/l	100
86) p-Isopropyltoluene	13.52	119	1083669	53.389	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	519698	50.568	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	514599	50.077	ug/l	100
89) n-Butylbenzene	13.85	91	993401	53.552	ug/l	100
90) Hexachloroethane	14.11	117	183236	51.536	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	455685	50.770	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30580	51.527	ug/l	100

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:02:24 2020
Response via : Initial Calibration

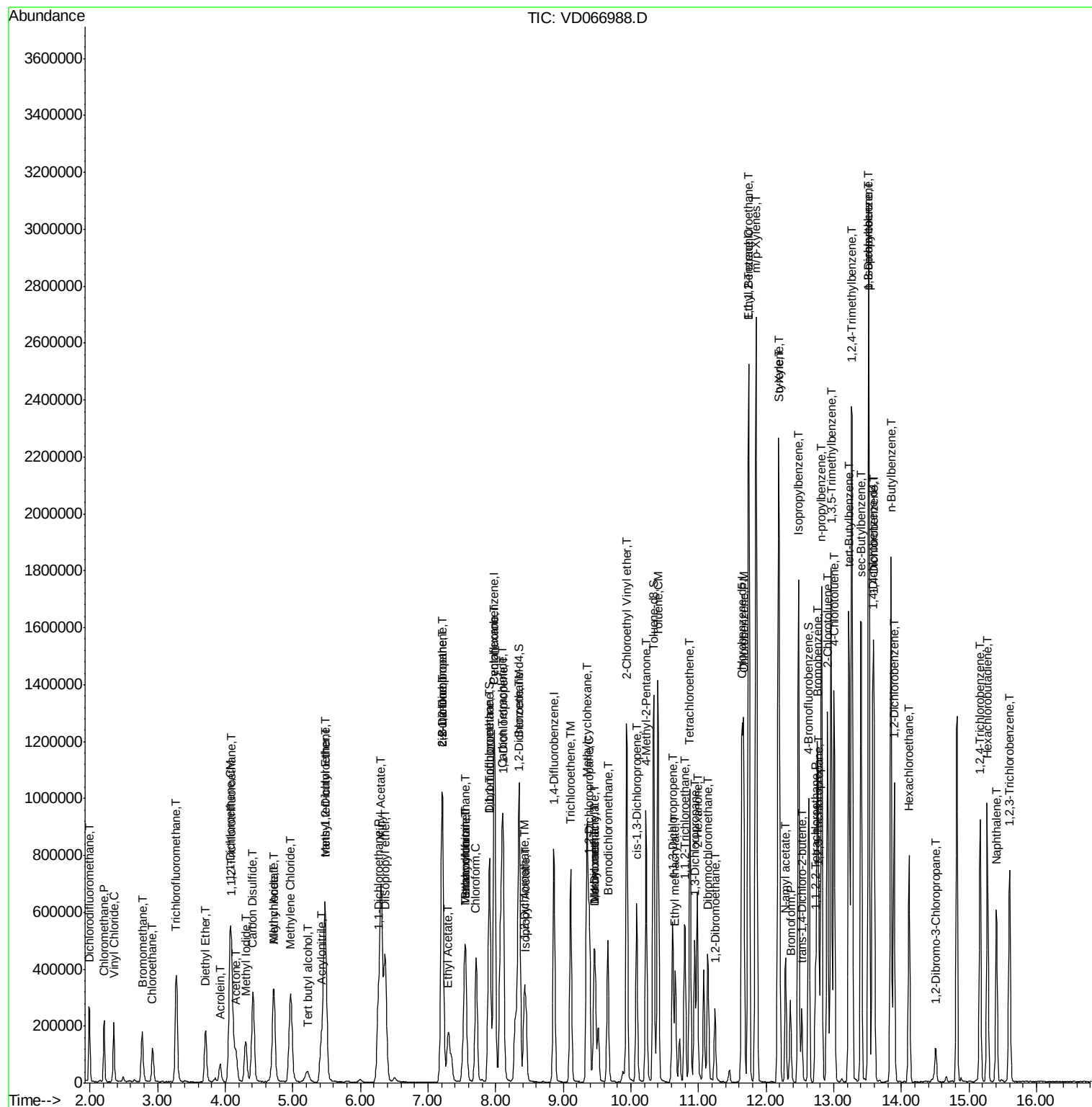
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	310023	53.400	ug/l	100
94) Hexachlorobutadiene	15.27	225	182430	51.166	ug/l	100
95) Naphthalene	15.41	128	542146	55.986	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	272927	54.154	ug/l	100

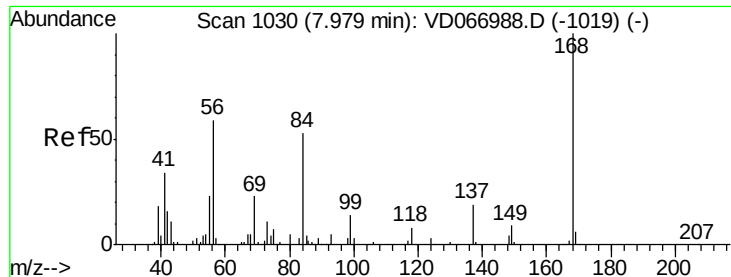
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

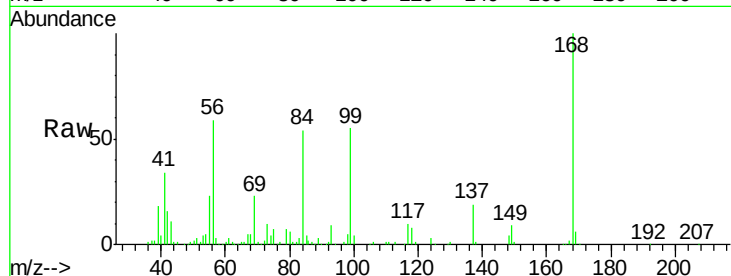
VSTDICCC050

Tgt Ion:168 Resp: 475191

Ion Ratio Lower Upper

168 100

99 55.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

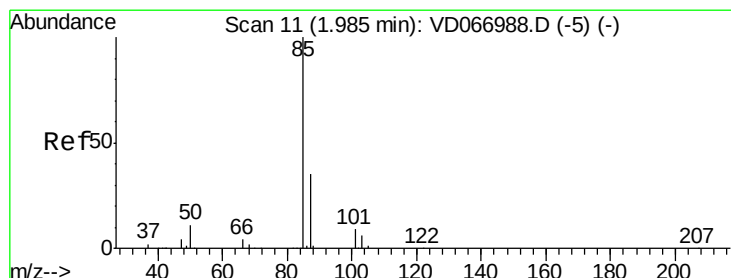
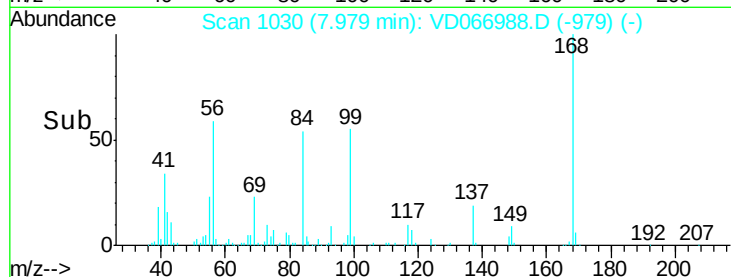
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.318 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066988.D

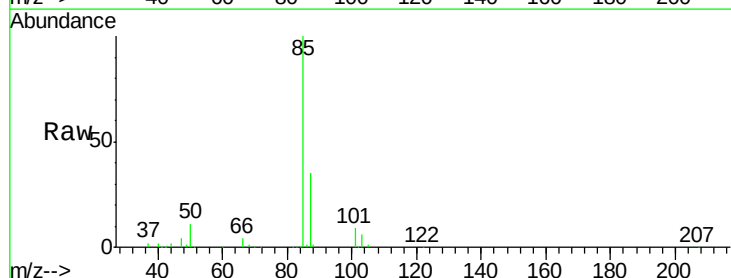
Acq: 01 Oct 2020 12:47

Tgt Ion: 85 Resp: 204163

Ion Ratio Lower Upper

85 100

87 34.7 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

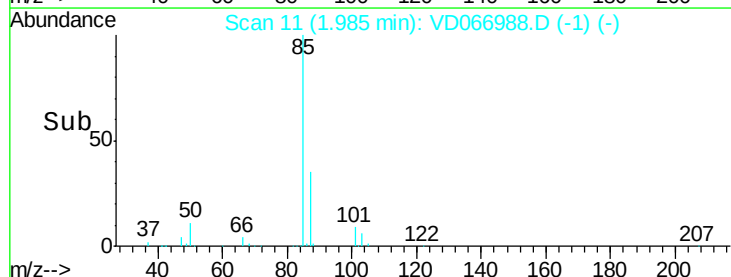
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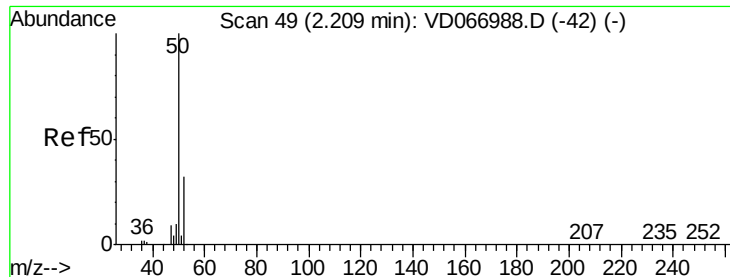
50000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 47.068 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

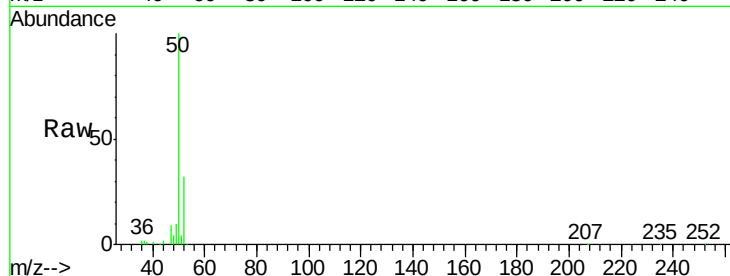
VSTDICCC050

Tgt Ion: 50 Resp: 178122

Ion Ratio Lower Upper

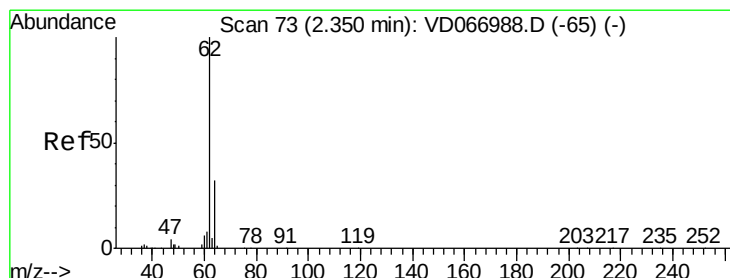
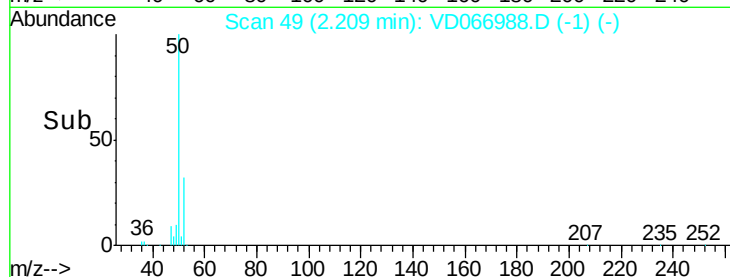
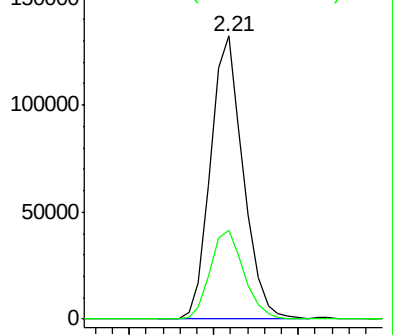
50 100

52 31.6 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.719 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066988.D

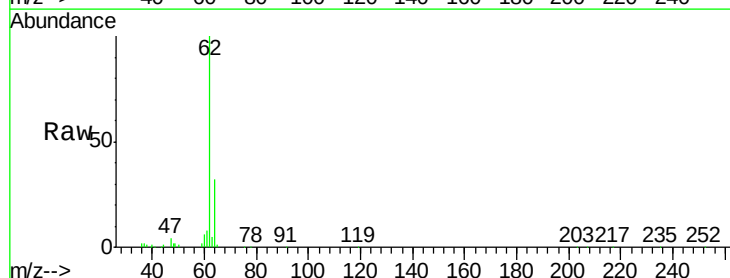
Acq: 01 Oct 2020 12:47

Tgt Ion: 62 Resp: 184867

Ion Ratio Lower Upper

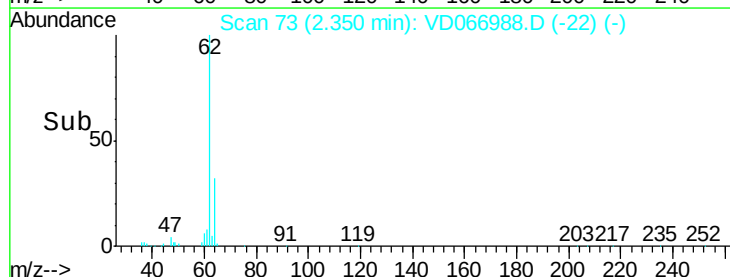
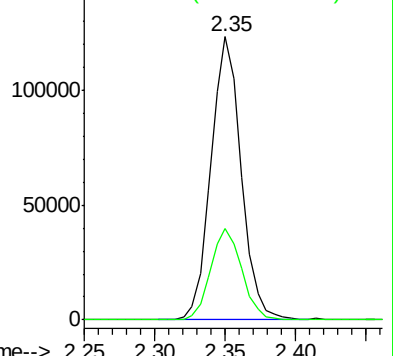
62 100

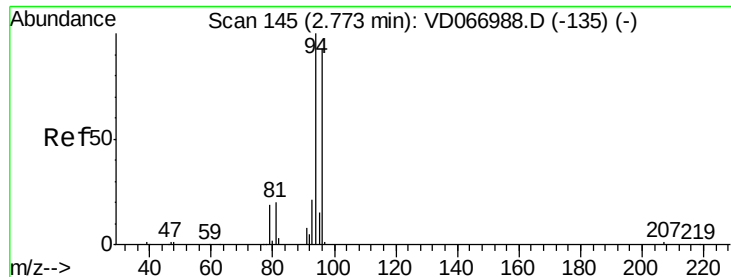
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 47.224 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

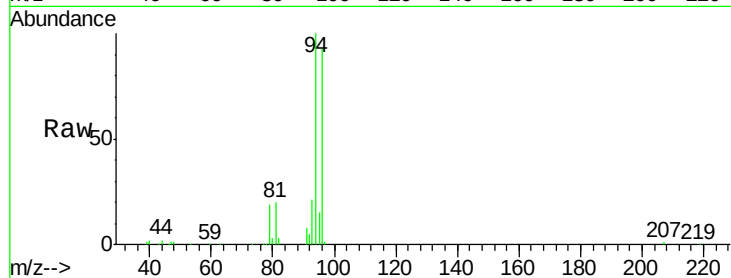
VSTDICCC050

Tgt Ion: 94 Resp: 130610

Ion Ratio Lower Upper

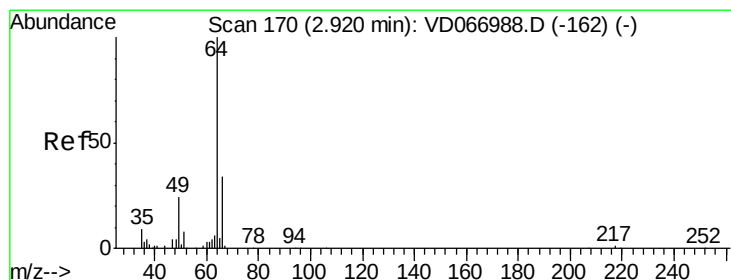
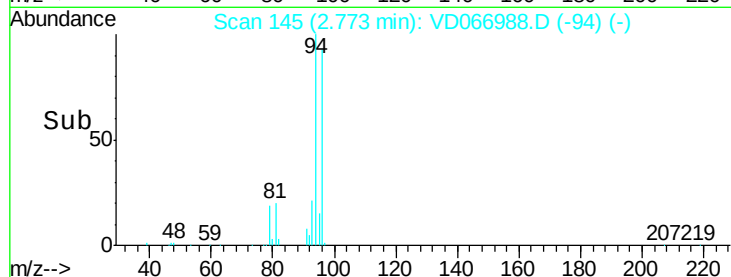
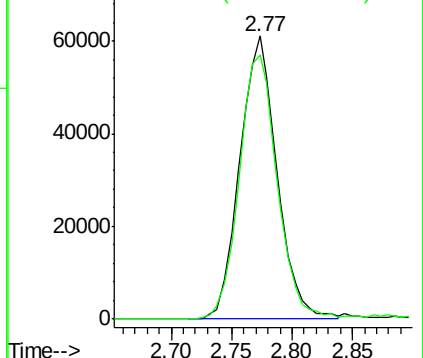
94 100

96 93.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.353 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066988.D

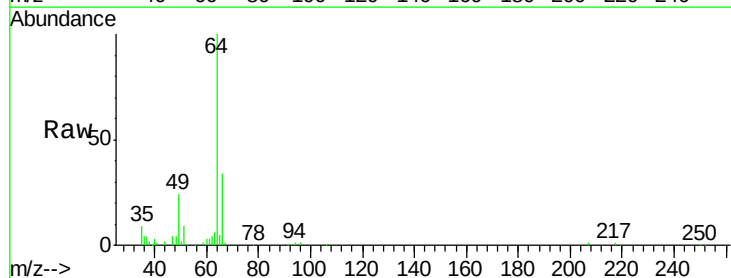
Acq: 01 Oct 2020 12:47

Tgt Ion: 64 Resp: 114048

Ion Ratio Lower Upper

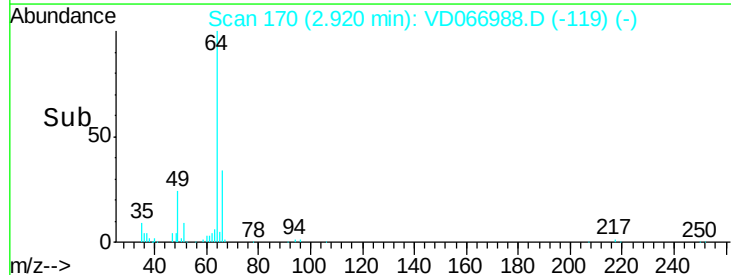
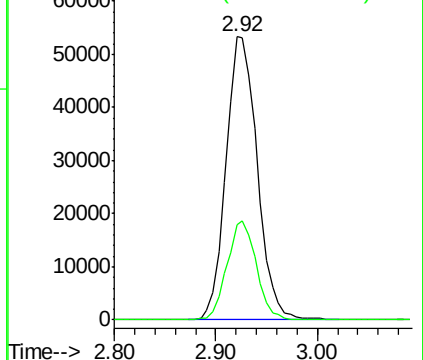
64 100

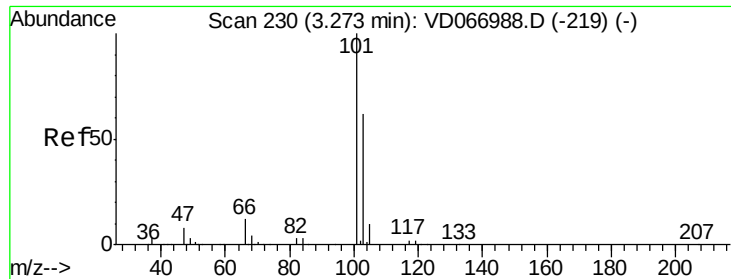
66 33.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



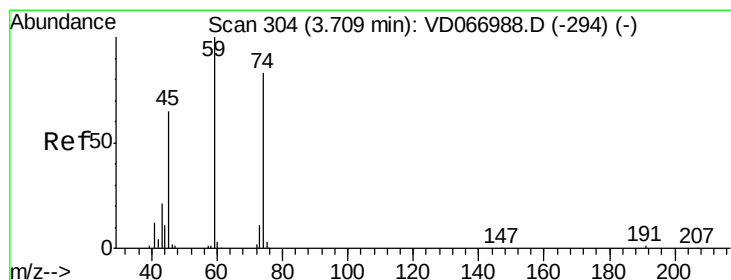
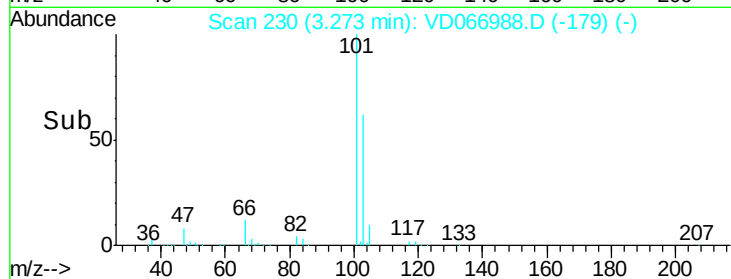
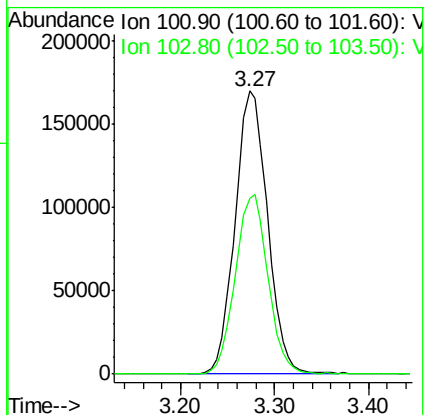
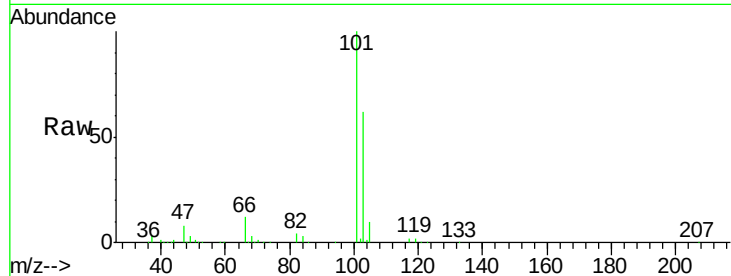


#7

Trichlorofluoromethane
 Concen: 48.482 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Instrument :
 MSVOA_D
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 VSTDICCC050

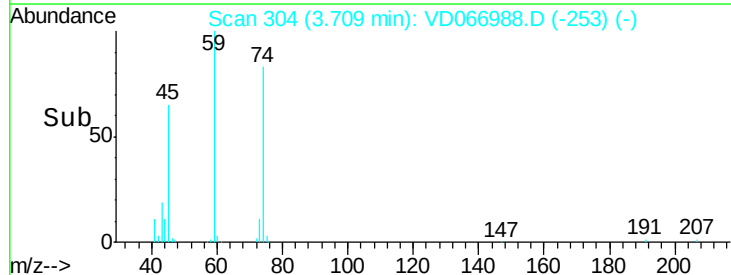
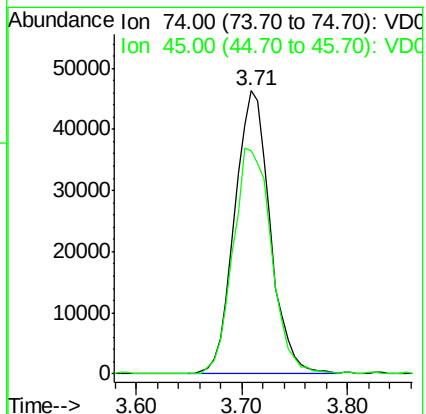
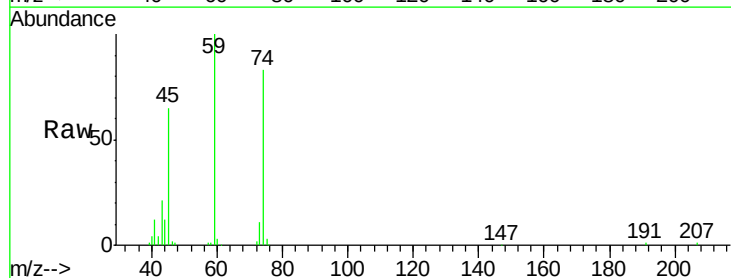
Tgt Ion:101 Resp: 408727
 Ion Ratio Lower Upper
 101 100
 103 62.3 49.8 74.8

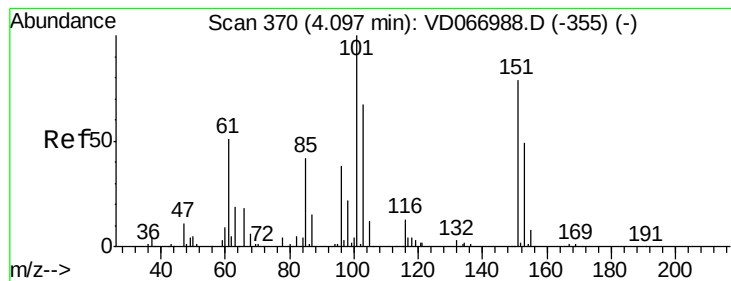


#8

Diethyl Ether
 Concen: 51.652 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion: 74 Resp: 107983
 Ion Ratio Lower Upper
 74 100
 45 86.2 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.607 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

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VSTDICCC050

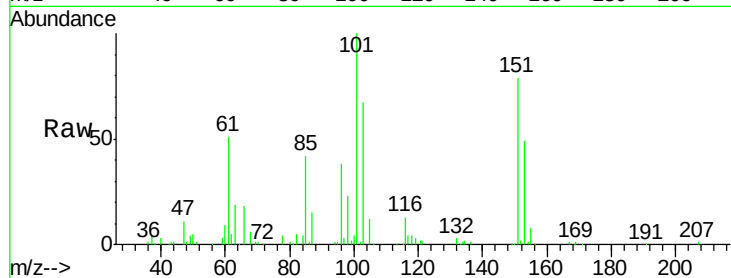
Tgt Ion:101 Resp: 231616

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.8

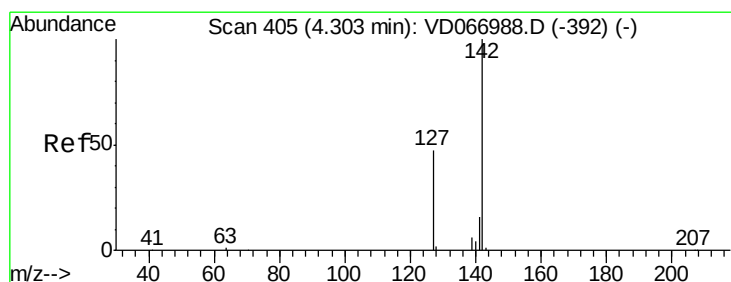
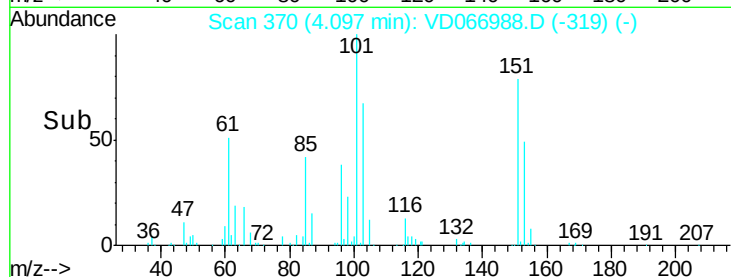
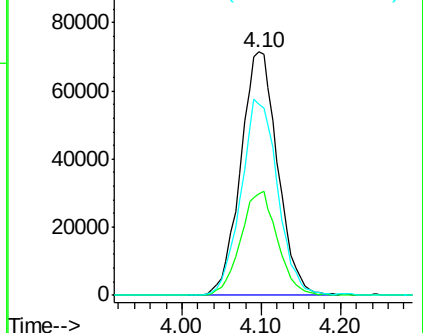
151 79.8 63.8 95.8



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: 51.805 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

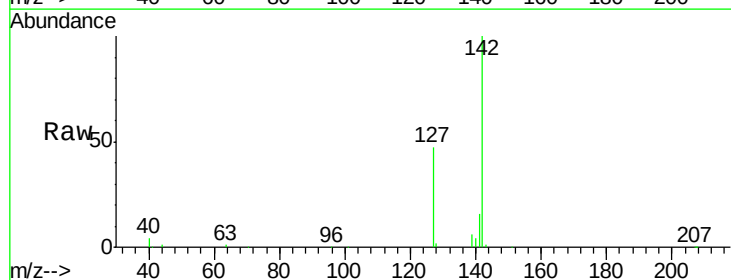
Tgt Ion:142 Resp: 239858

Ion Ratio Lower Upper

142 100

127 45.4 36.3 54.5

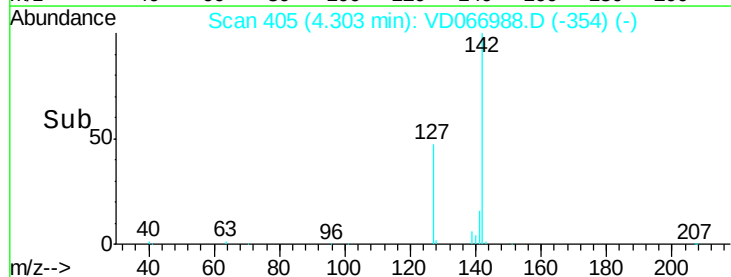
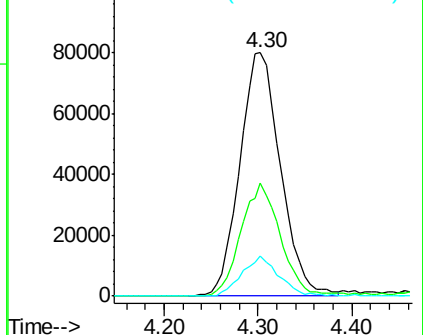
141 15.0 12.0 18.0

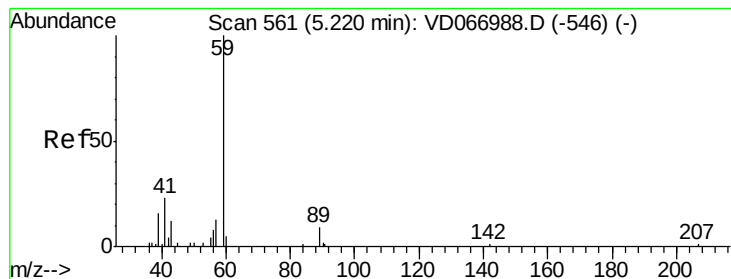


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 169.537 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

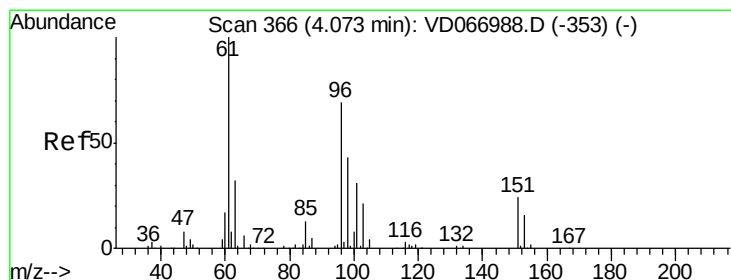
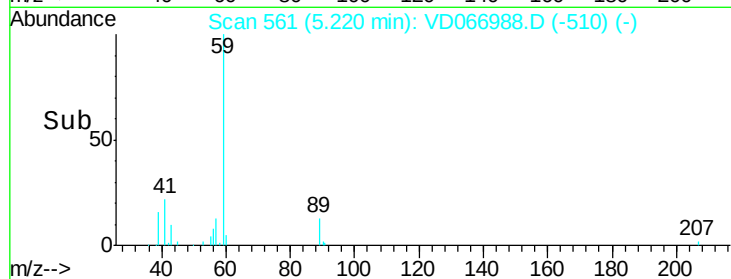
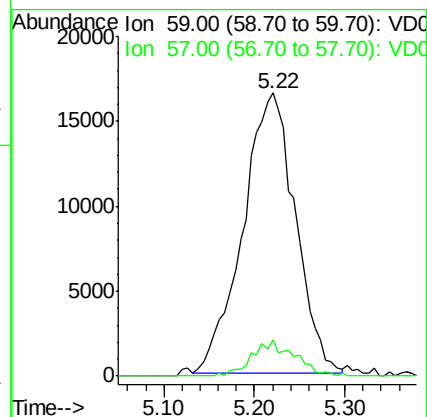
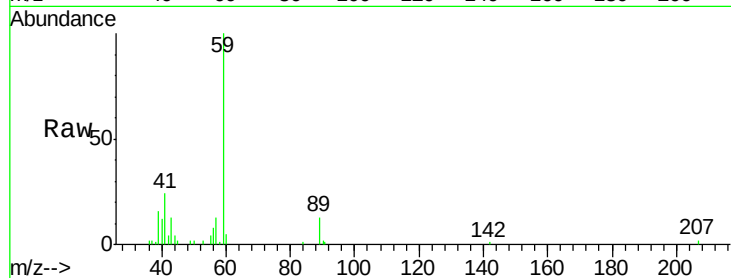
VSTDICCC050

Tgt Ion: 59 Resp: 66055

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#12

1,1-Dichloroethene

Concen: 49.286 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

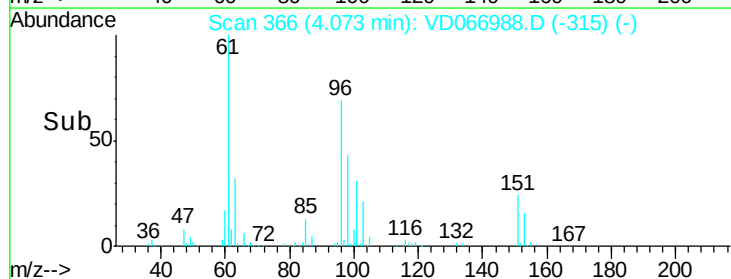
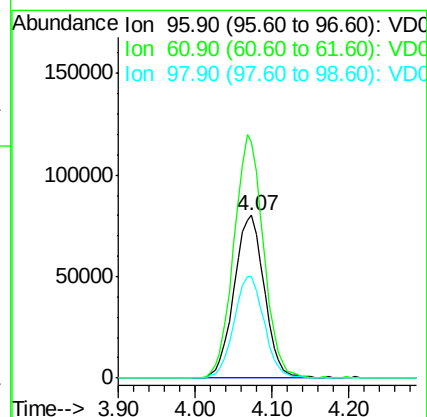
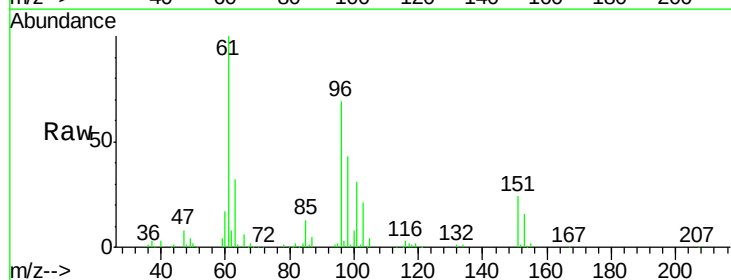
Tgt Ion: 96 Resp: 220776

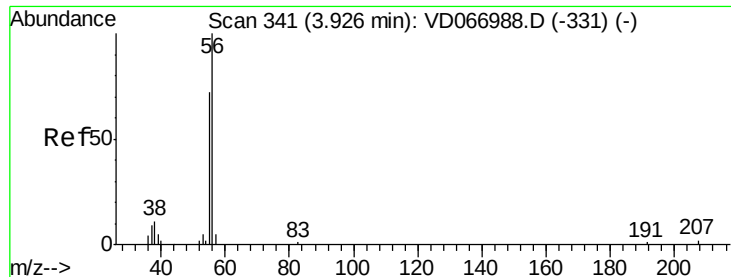
Ion Ratio Lower Upper

96 100

61 145.5 116.4 174.6

98 62.4 49.9 74.9





#13

Acrolein

Concen: 234.133 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

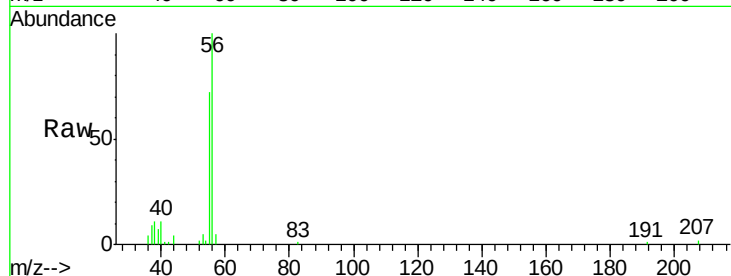
VSTDICCC050

Tgt Ion: 56 Resp: 71756

Ion Ratio Lower Upper

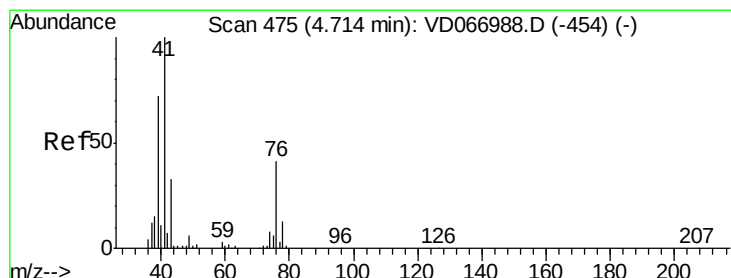
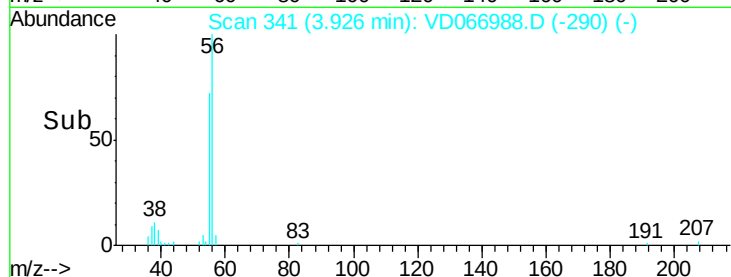
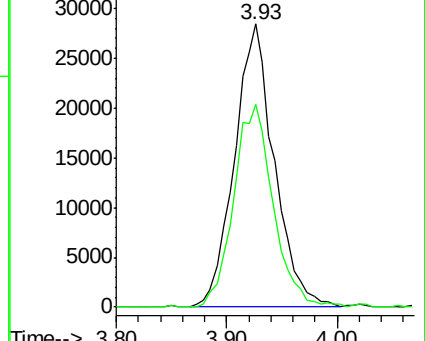
56 100

55 71.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 51.491 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

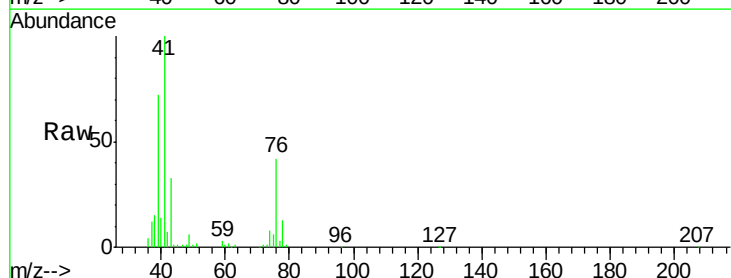
Tgt Ion: 41 Resp: 299638

Ion Ratio Lower Upper

41 100

39 70.2 56.2 84.2

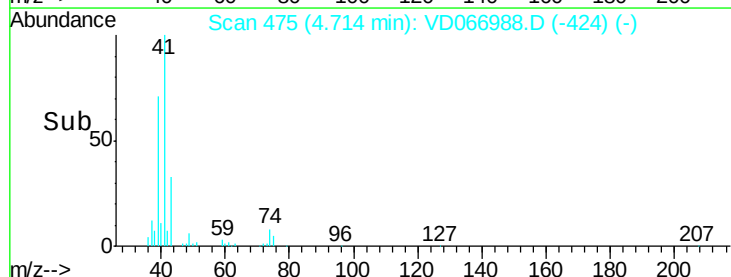
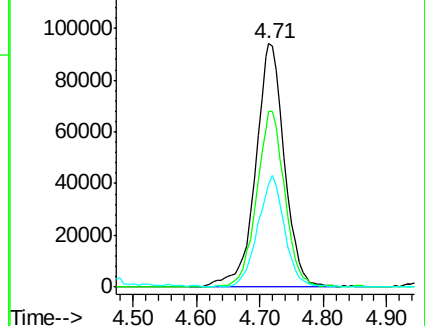
76 42.7 34.2 51.2

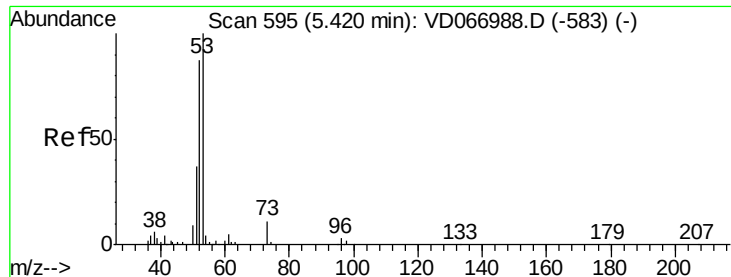


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 254.565 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

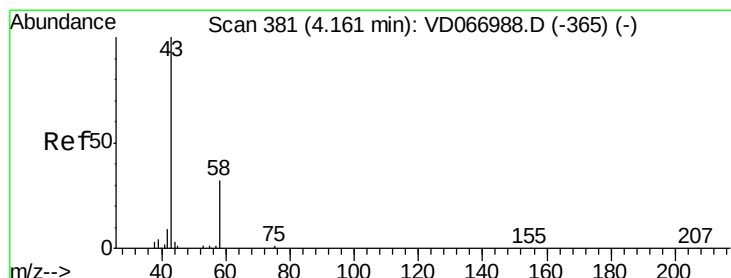
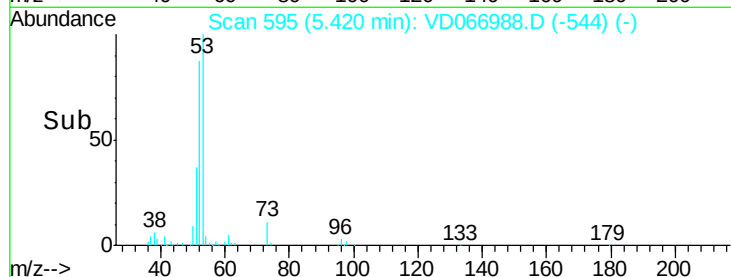
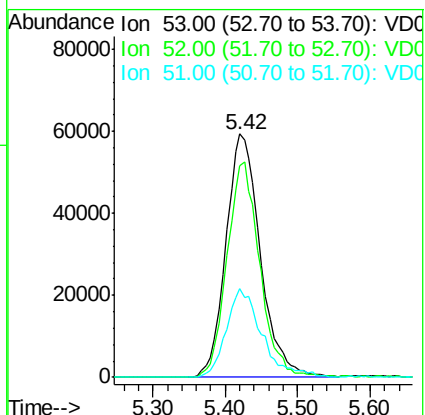
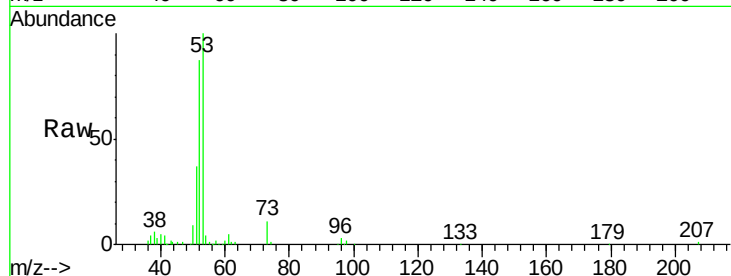
Tgt Ion: 53 Resp: 195870

Ion Ratio Lower Upper

53 100

52 84.1 67.3 100.9

51 37.7 30.2 45.2



#16

Acetone

Concen: 258.566 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD066988.D

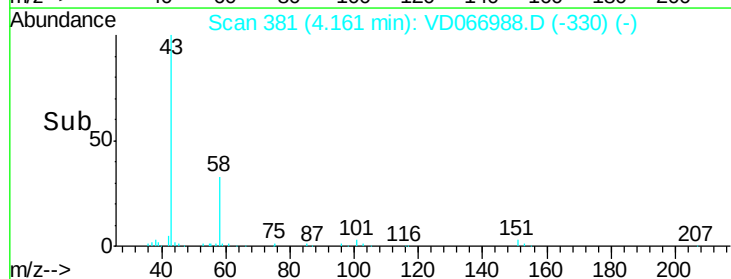
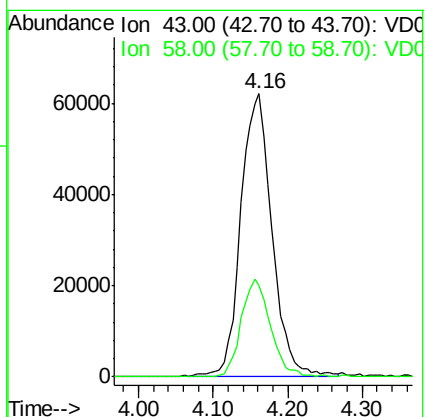
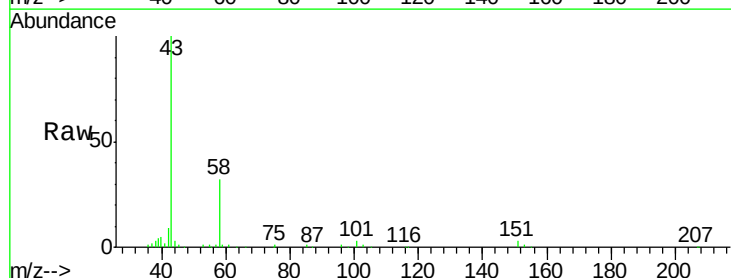
Acq: 01 Oct 2020 12:47

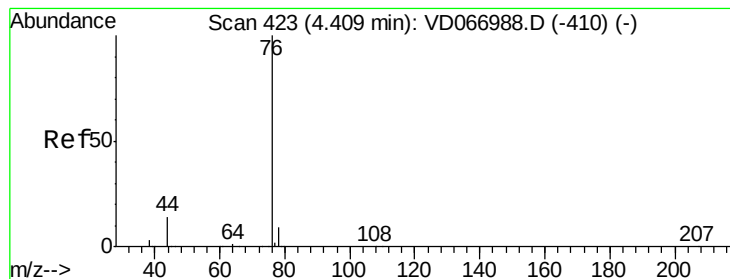
Tgt Ion: 43 Resp: 180656

Ion Ratio Lower Upper

43 100

58 32.4 25.9 38.9





#17

Carbon Disulfide

Concen: 49.472 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

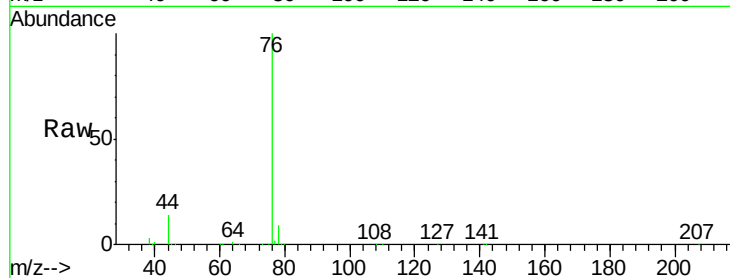
VSTDICCC050

Tgt Ion: 76 Resp: 680100

Ion Ratio Lower Upper

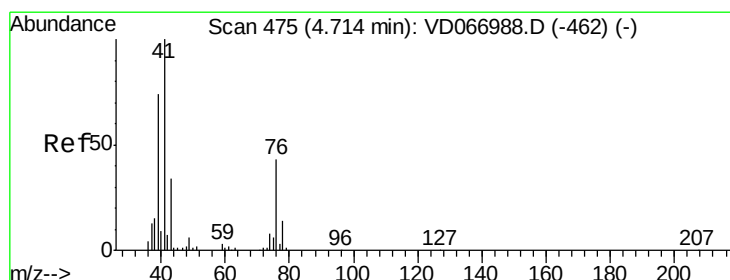
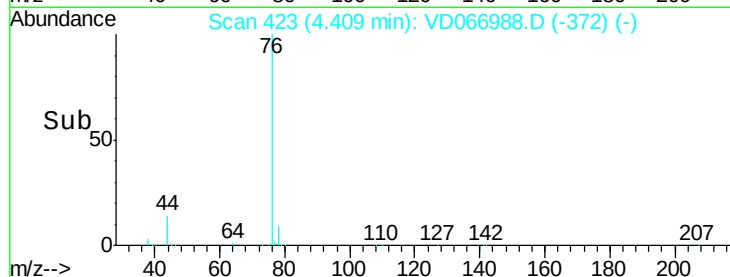
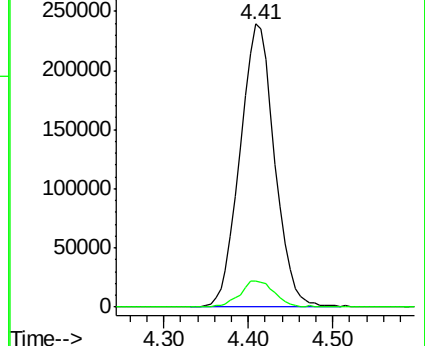
76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 50.541 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066988.D

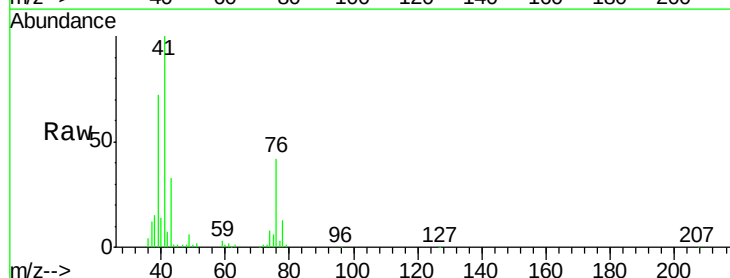
Acq: 01 Oct 2020 12:47

Tgt Ion: 43 Resp: 88752

Ion Ratio Lower Upper

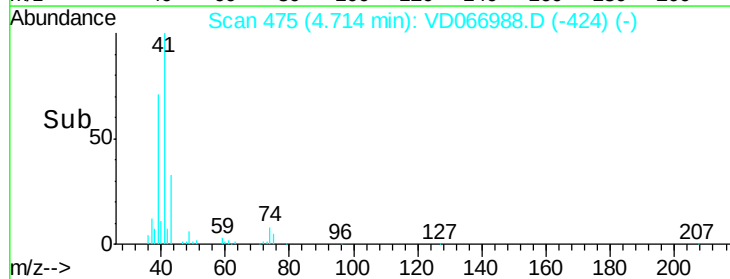
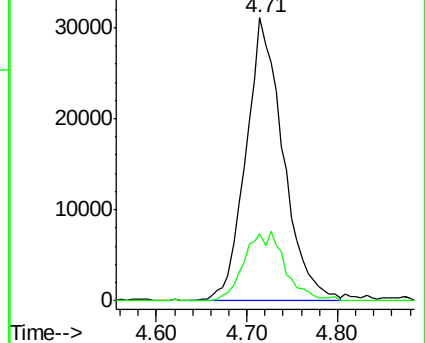
43 100

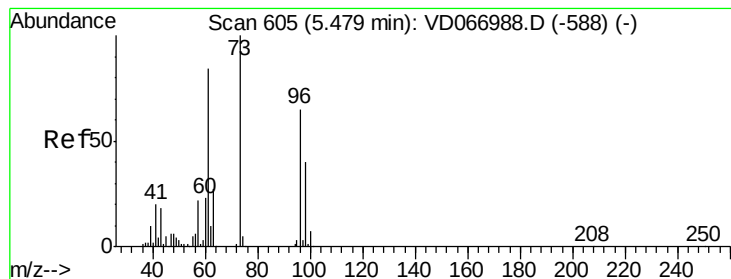
74 26.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



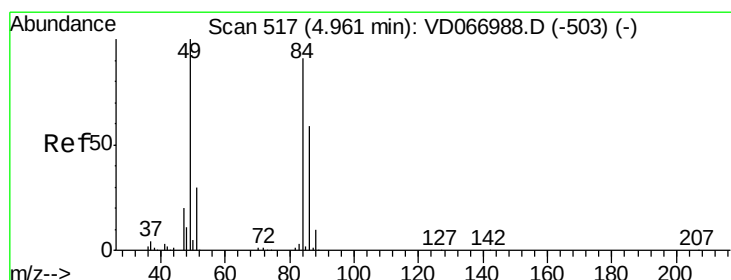
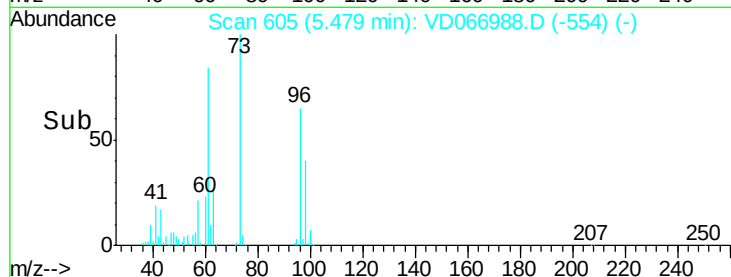
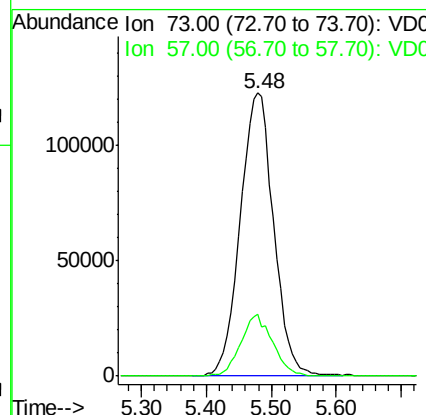
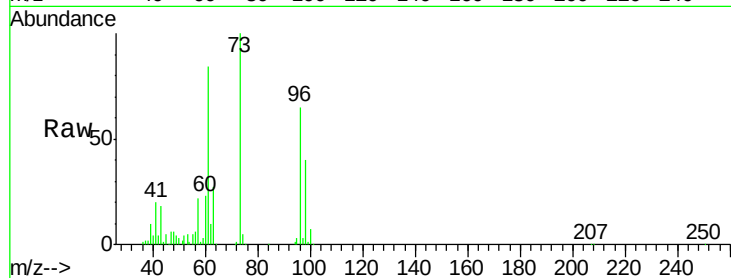


#19

Methyl tert-butyl Ether
 Concen: 53.388 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

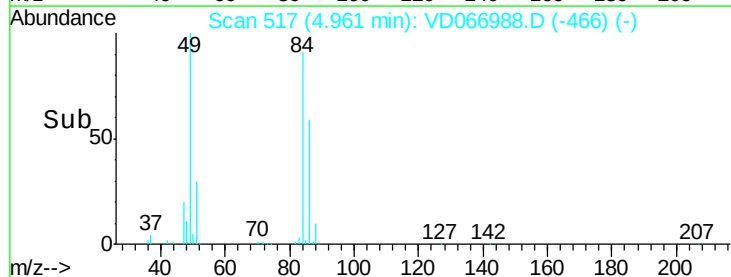
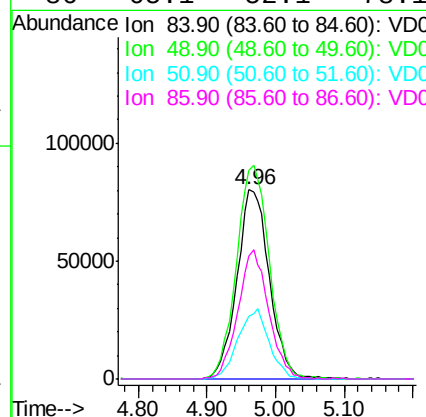
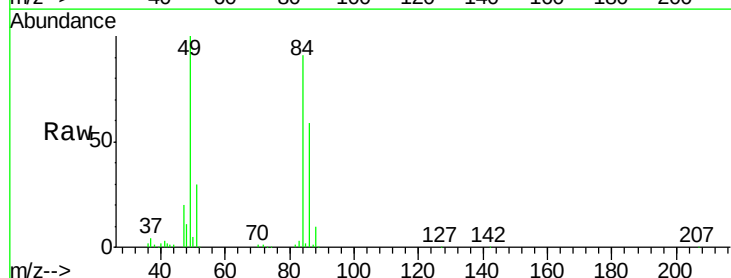
Tgt Ion: 73 Resp: 436576
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.4 26.0

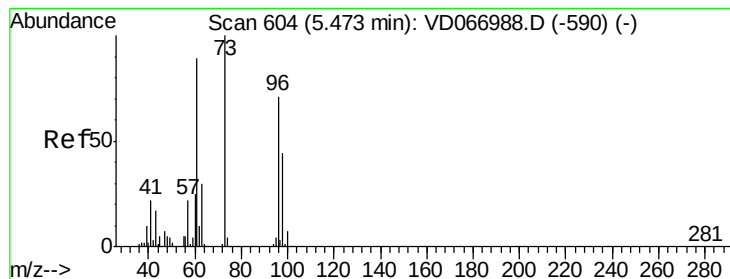


#20

Methylene Chloride
 Concen: 41.252 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion: 84 Resp: 262733
 Ion Ratio Lower Upper
 84 100
 49 110.2 88.2 132.2
 51 33.2 26.6 39.8
 86 65.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.394 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

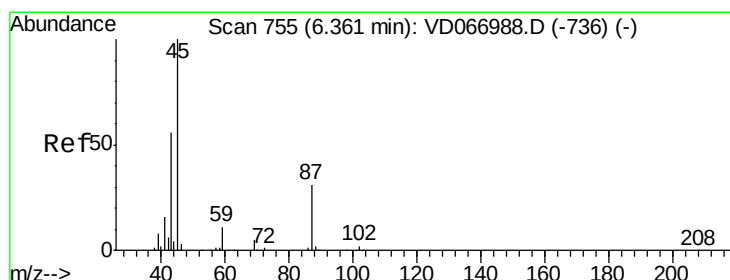
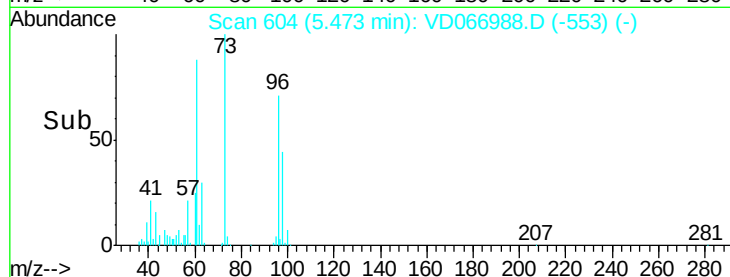
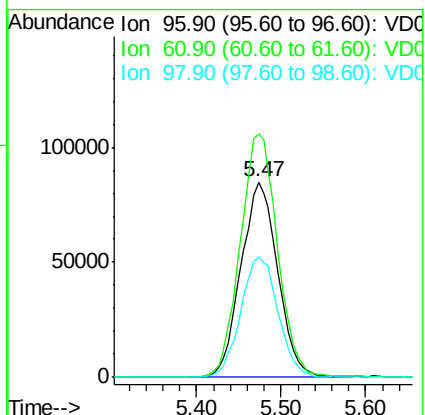
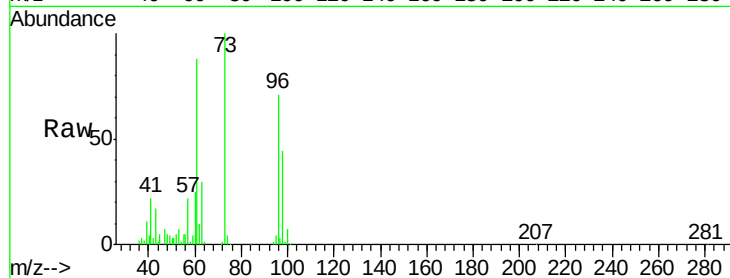
Tgt Ion: 96 Resp: 256903

Ion Ratio Lower Upper

96 100

61 124.5 99.6 149.4

98 61.8 49.4 74.2



#22

Diisopropyl ether

Concen: 52.872 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Tgt Ion: 45 Resp: 561708

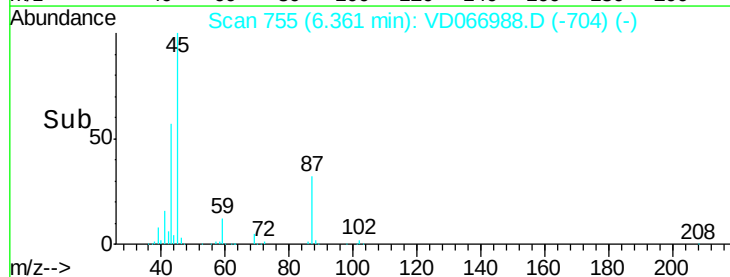
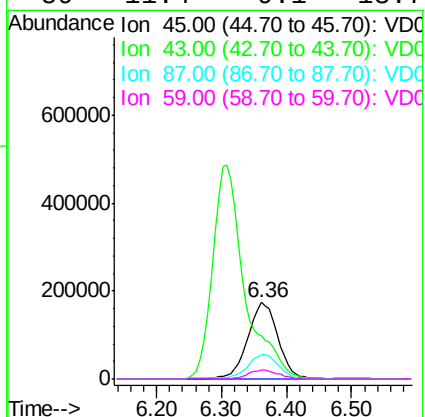
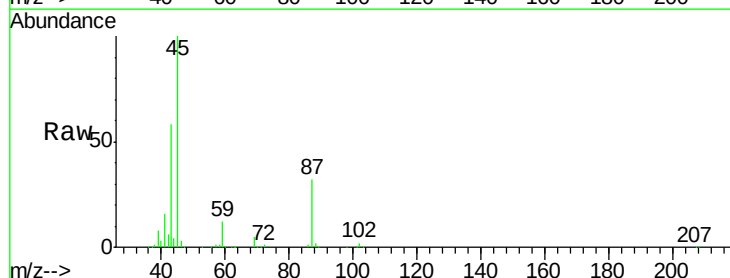
Ion Ratio Lower Upper

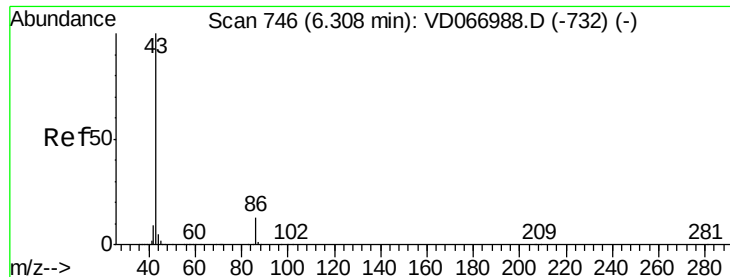
45 100

43 56.5 45.2 67.8

87 32.0 25.6 38.4

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 275.703 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

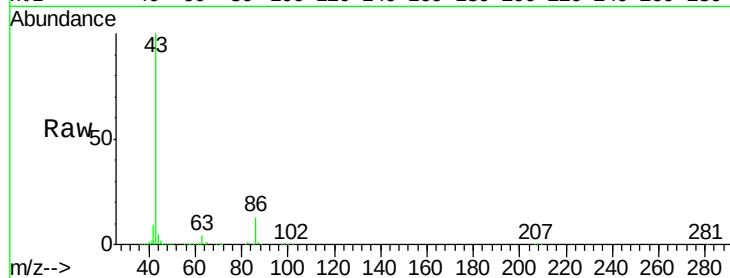
VSTDICCC050

Tgt Ion: 43 Resp: 1659780

Ion Ratio Lower Upper

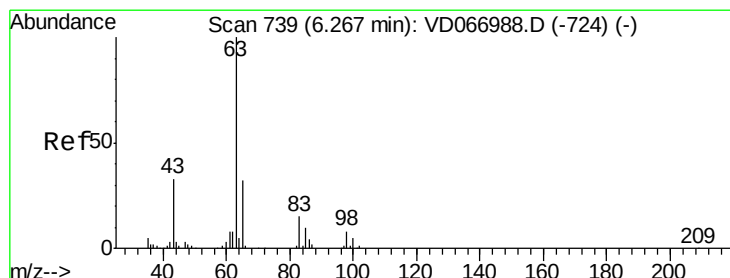
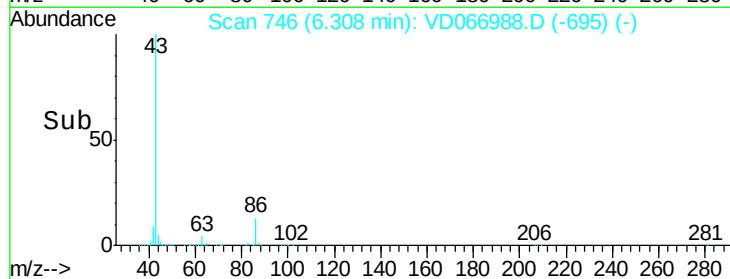
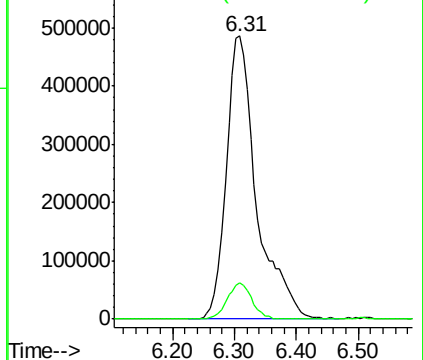
43 100

86 12.7 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.169 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

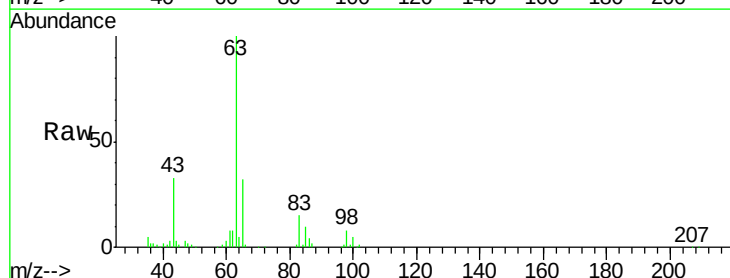
Tgt Ion: 63 Resp: 411336

Ion Ratio Lower Upper

63 100

98 8.4 4.2 12.6

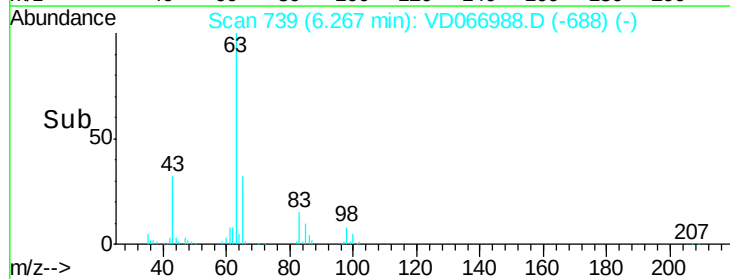
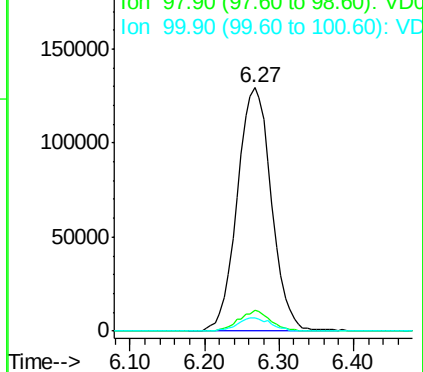
100 5.2 2.6 7.8

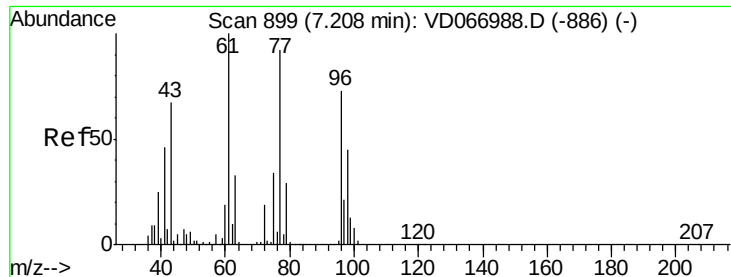


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

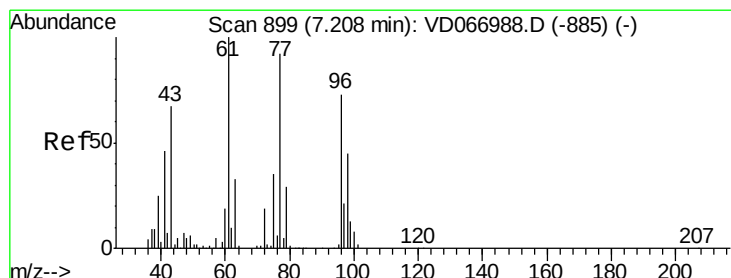
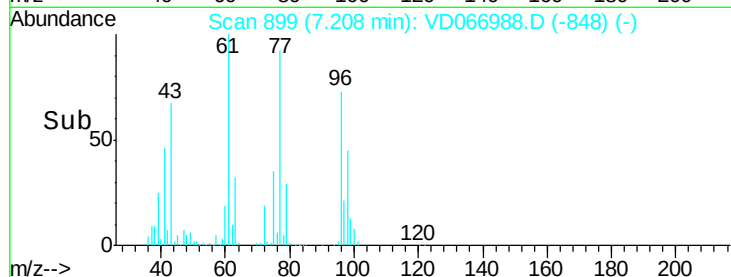
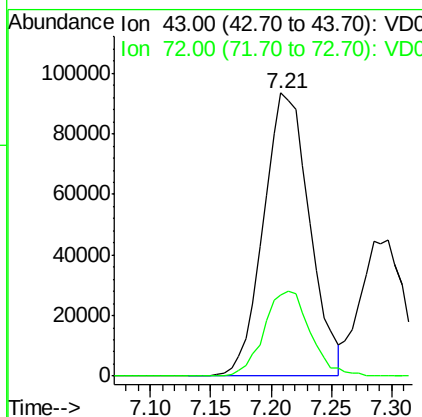
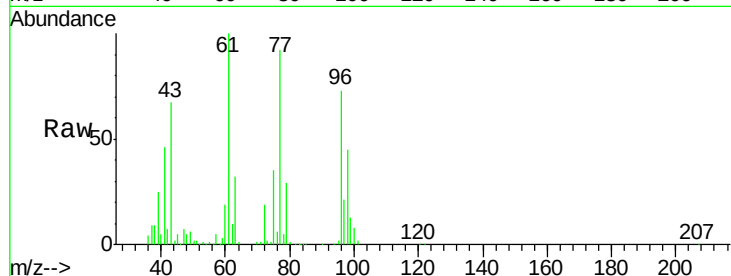




#25
2-Butanone
Concen: 249.868 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

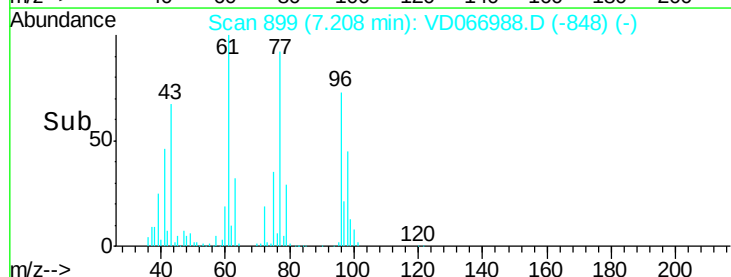
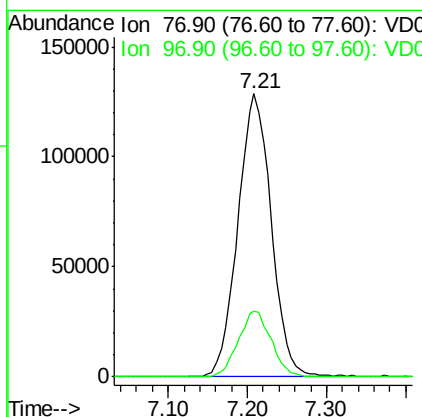
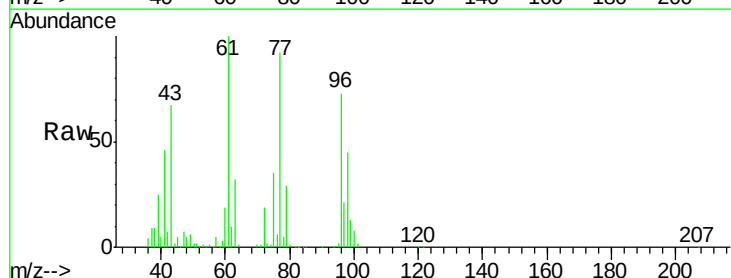
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

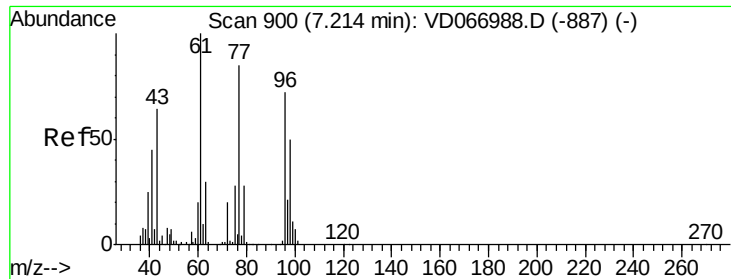
Tgt Ion: 43 Resp: 247513
Ion Ratio Lower Upper
43 100
72 28.5 22.8 34.2



#26
2,2-Dichloropropane
Concen: 47.802 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

Tgt Ion: 77 Resp: 376041
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2



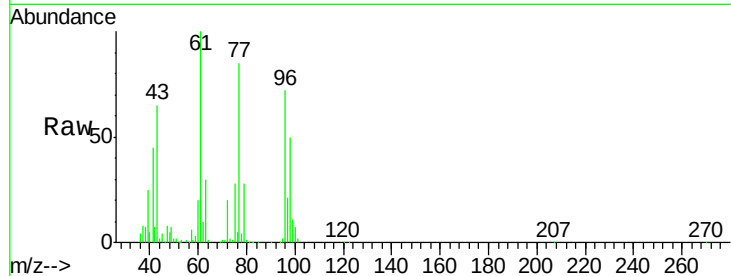


#27

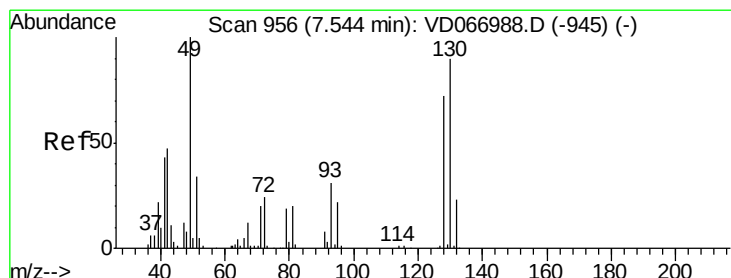
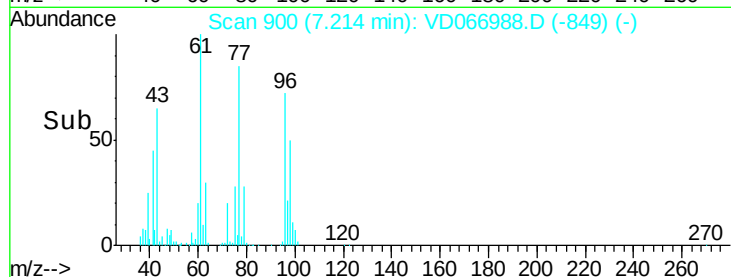
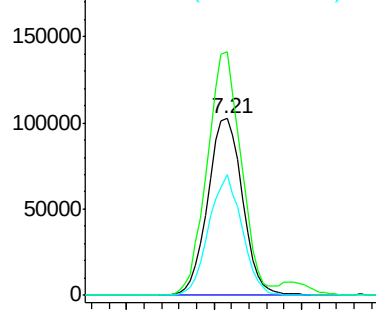
cis-1,2-Dichloroethene
 Concen: 50.824 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 276713
 Ion Ratio Lower Upper
 96 100
 61 134.6 0.0 269.2
 98 64.7 0.0 129.4



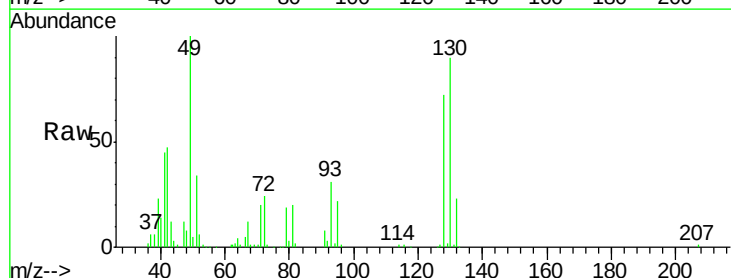
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



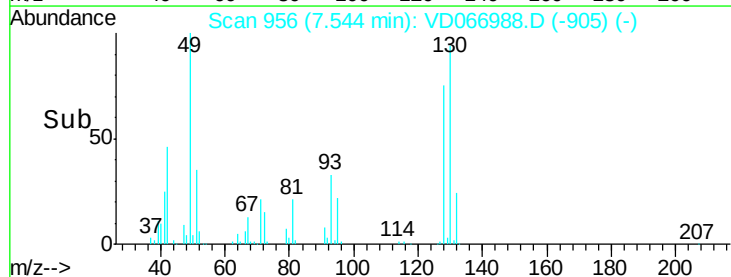
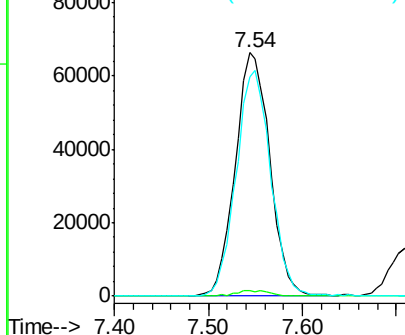
#28

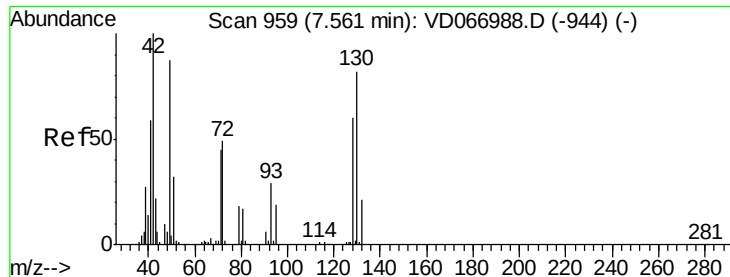
Bromochloromethane
 Concen: 53.553 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion: 49 Resp: 169566
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 92.6 74.1 111.1



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

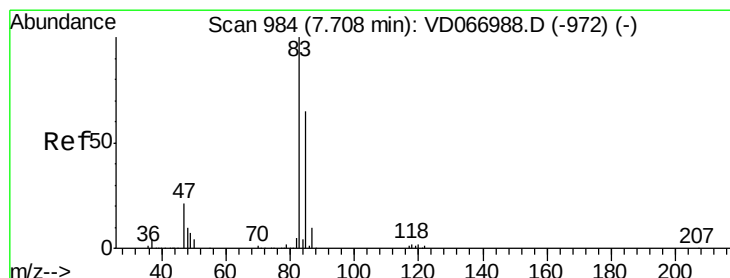
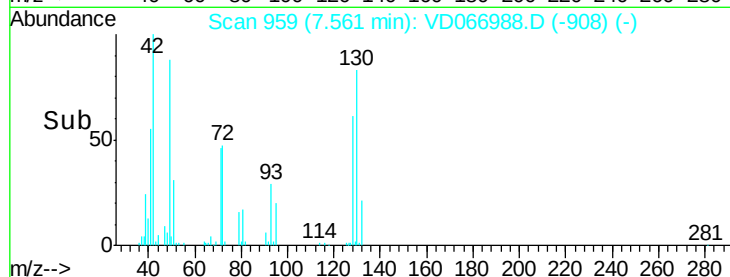
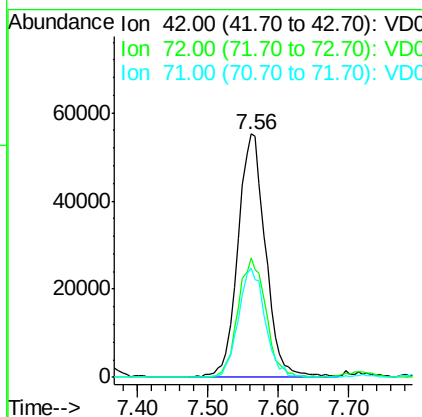
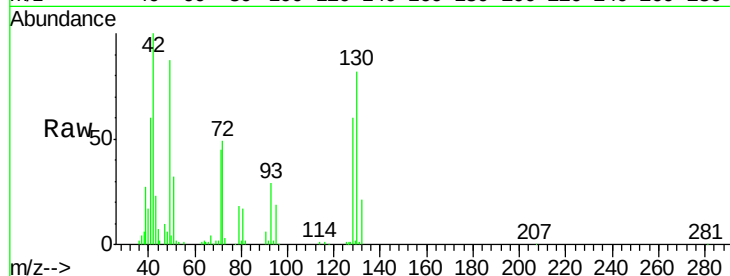




#29
Tetrahydrofuran
Concen: 264.074 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

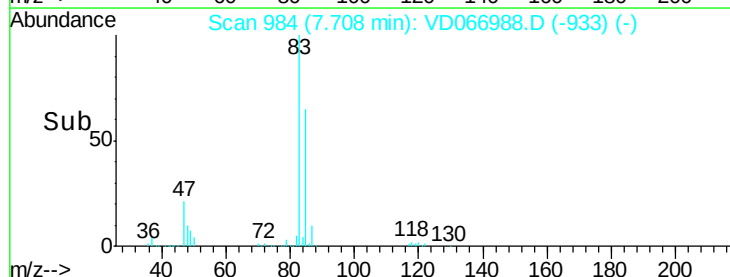
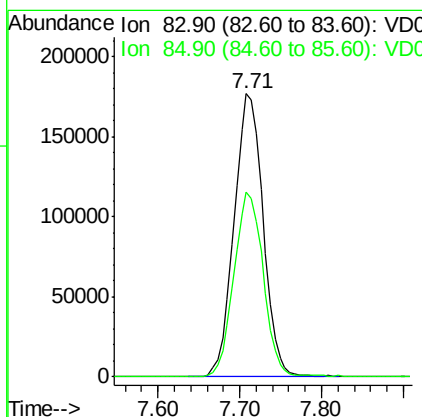
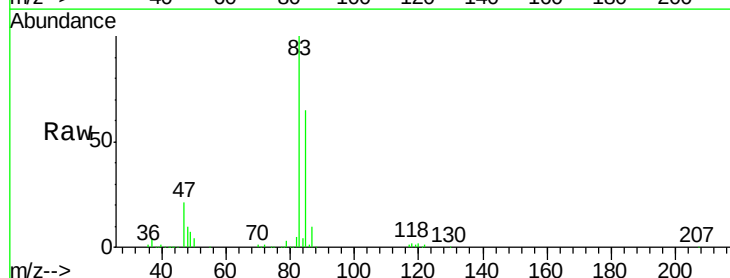
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

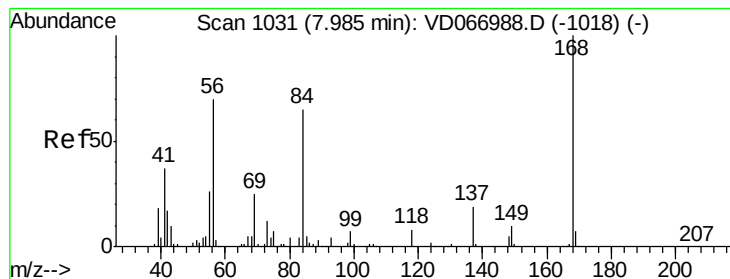
Tgt Ion: 42 Resp: 150409
Ion Ratio Lower Upper
42 100
72 48.9 39.1 58.7
71 42.8 34.2 51.4



#30
Chloroform
Concen: 49.313 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

Tgt Ion: 83 Resp: 438600
Ion Ratio Lower Upper
83 100
85 65.4 52.3 78.5





#31

Cyclohexane

Concen: 48.346 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

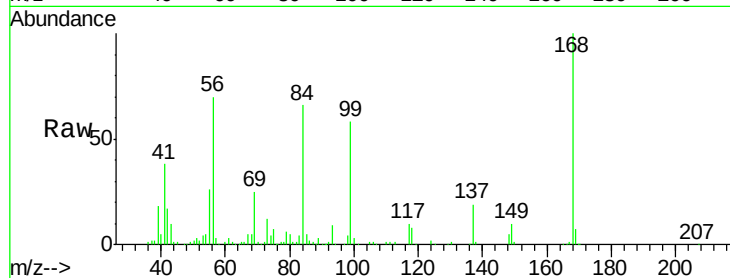
Tgt Ion: 56 Resp: 332320

Ion Ratio Lower Upper

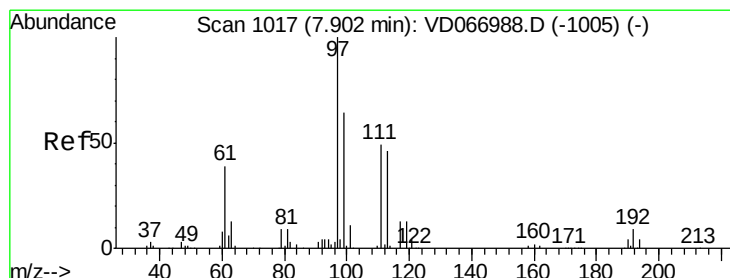
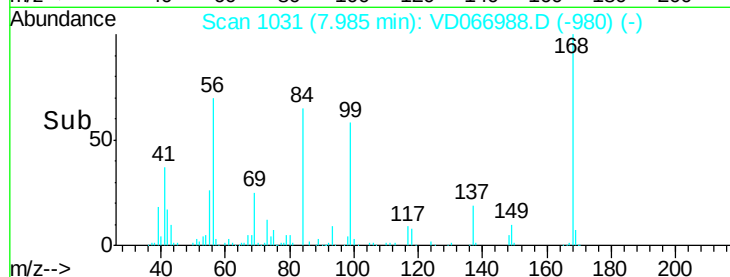
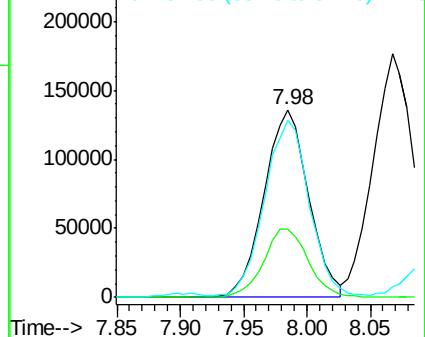
56 100

69 36.3 29.0 43.6

84 92.7 74.2 111.2



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



#32

1,1,1-Trichloroethane

Concen: 49.494 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

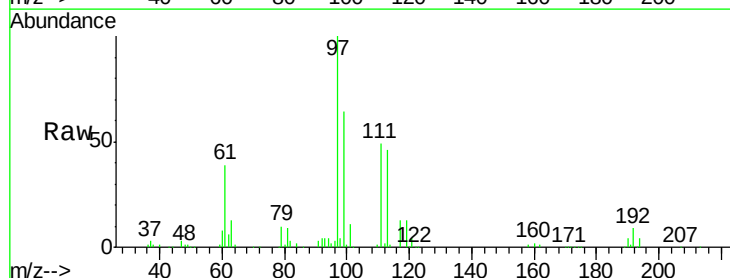
Tgt Ion: 97 Resp: 407970

Ion Ratio Lower Upper

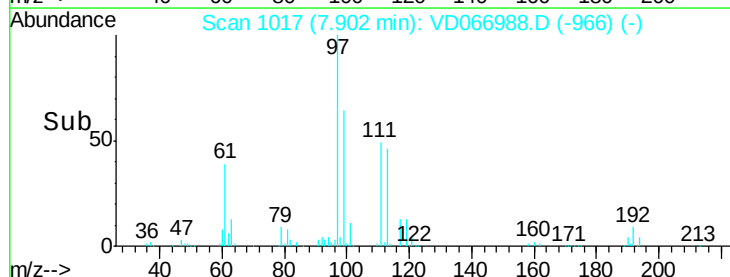
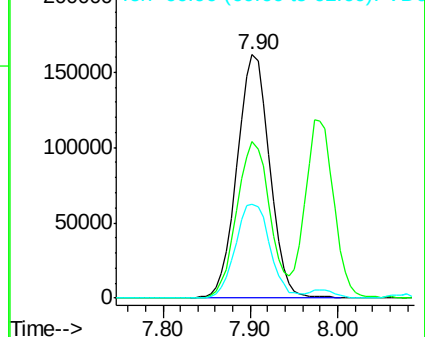
97 100

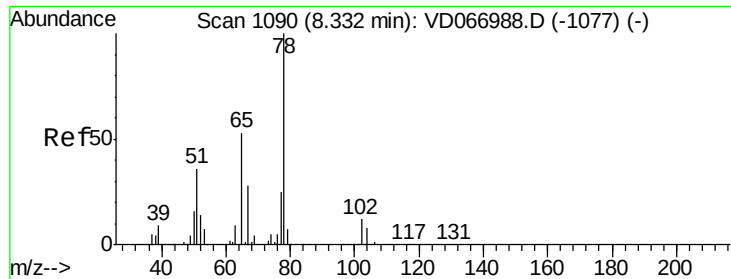
99 65.7 52.6 78.8

61 41.0 32.8 49.2



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

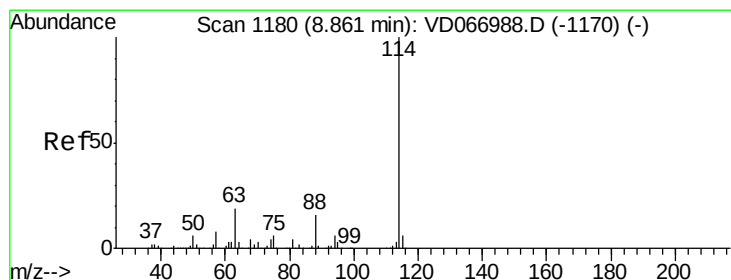
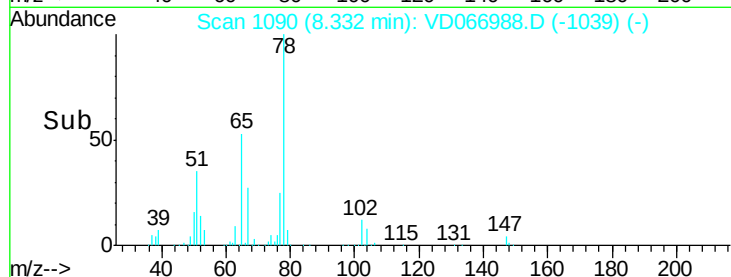
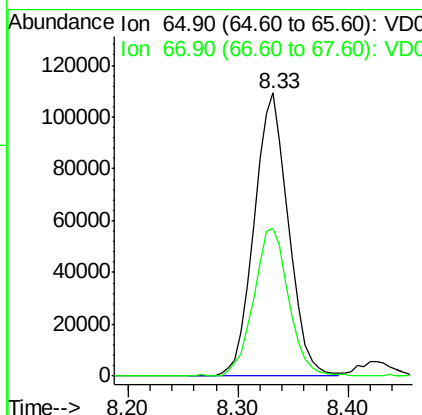
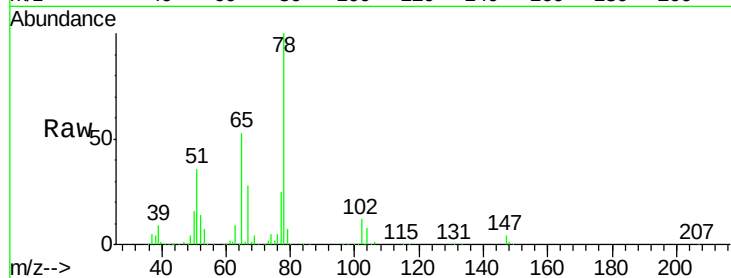




#33
 1,2-Dichloroethane-d4
 Concen: 51.780 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

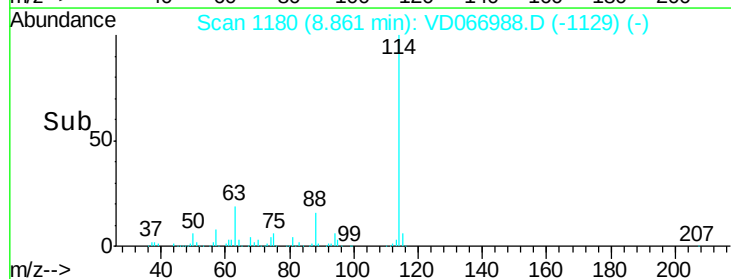
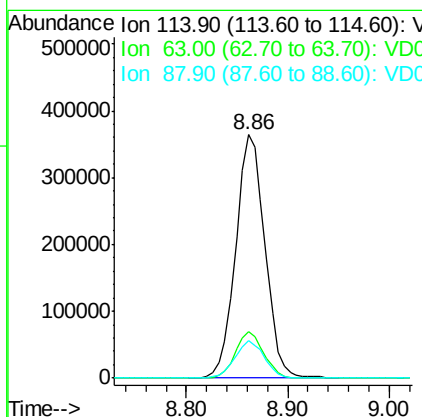
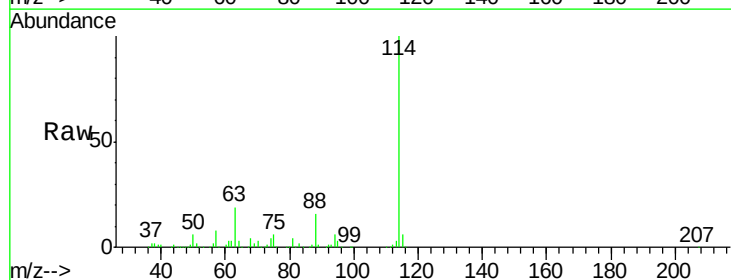
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

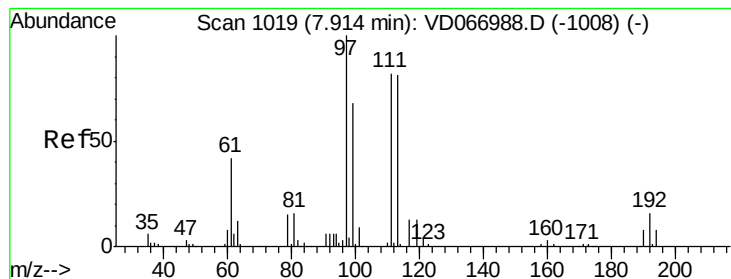
Tgt Ion: 65 Resp: 237000
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion: 114 Resp: 727285
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.110 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

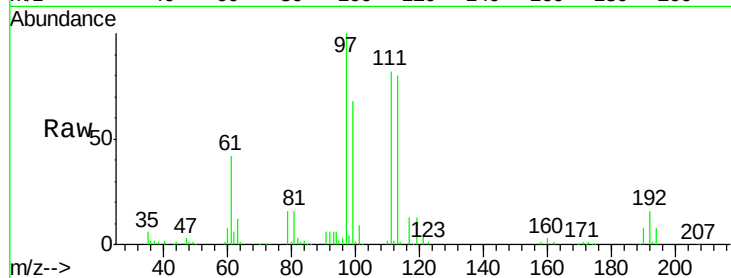
Tgt Ion:113 Resp: 252879

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

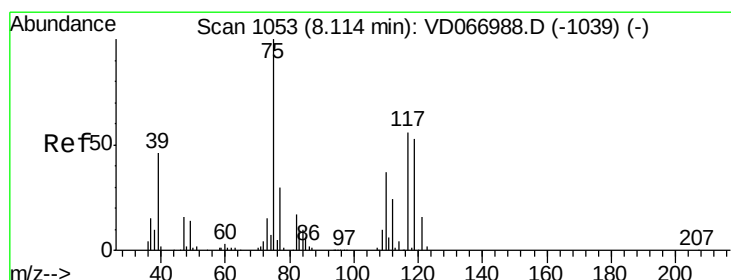
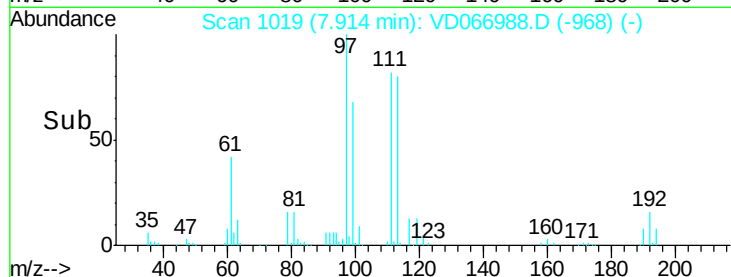
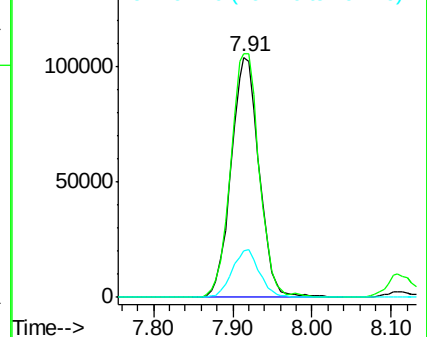
192 19.4 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.873 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

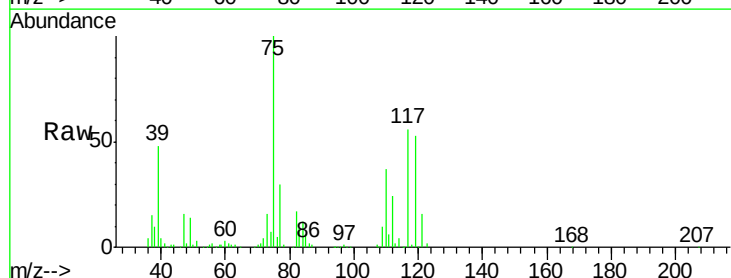
Tgt Ion: 75 Resp: 344870

Ion Ratio Lower Upper

75 100

110 36.7 18.4 55.0

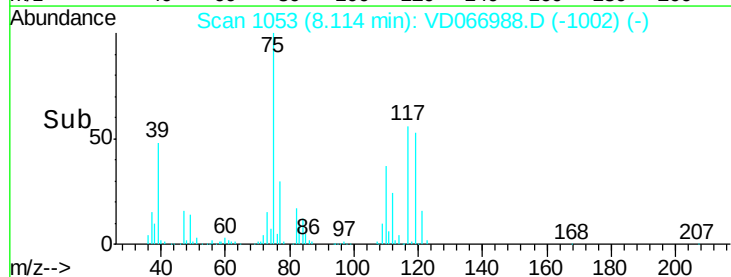
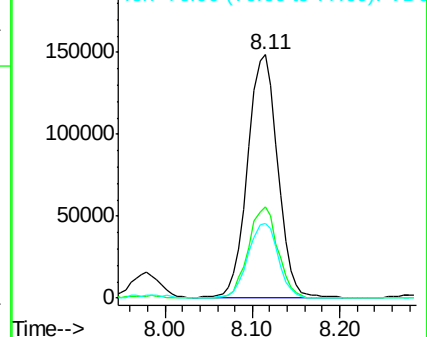
77 31.0 24.8 37.2

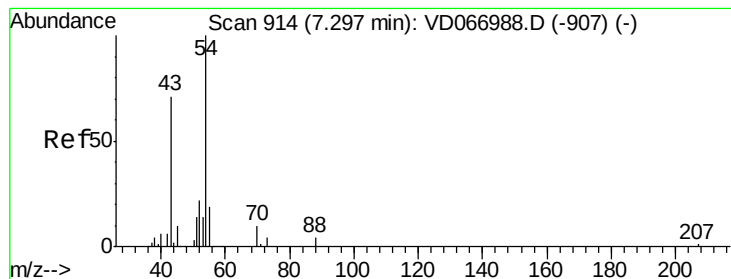


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 50.916 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

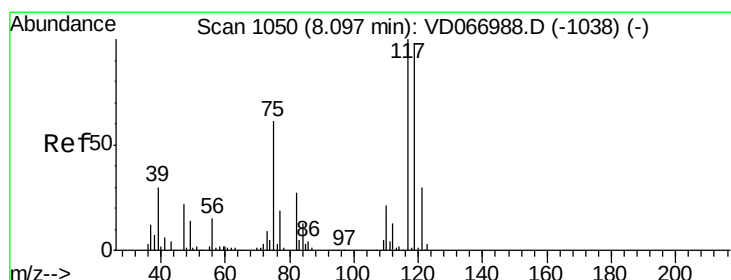
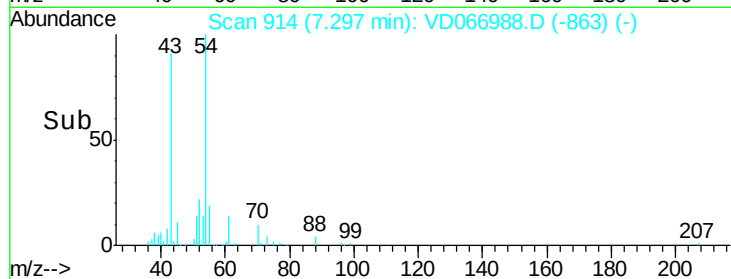
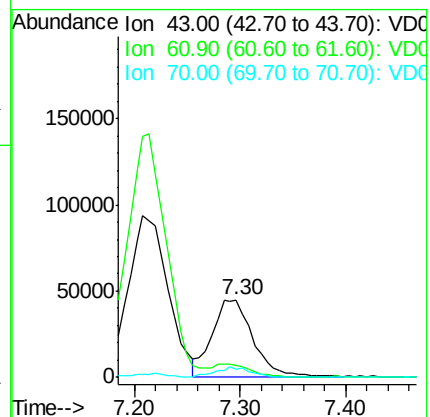
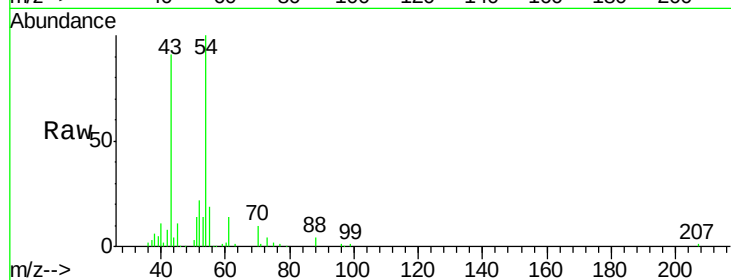
Tgt Ion: 43 Resp: 119575

Ion Ratio Lower Upper

43 100

61 15.6 12.5 18.7

70 11.7 9.4 14.0



#38

Carbon Tetrachloride

Concen: 51.147 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

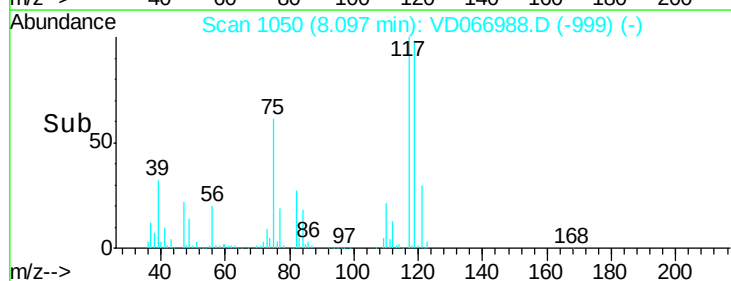
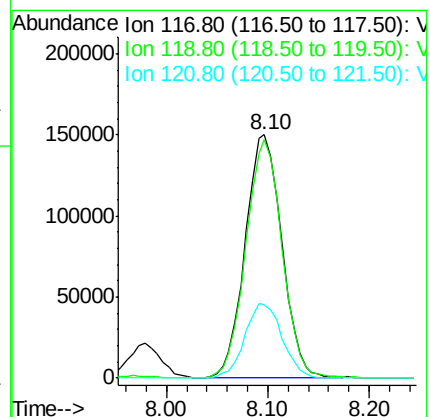
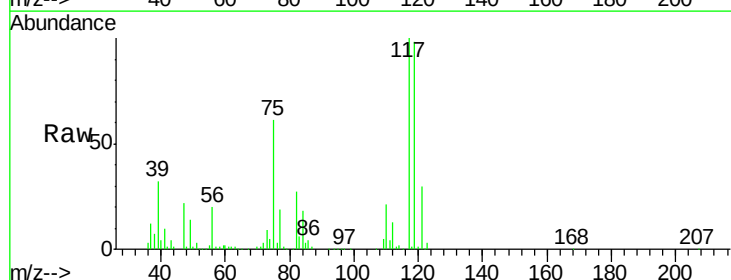
Tgt Ion: 117 Resp: 375156

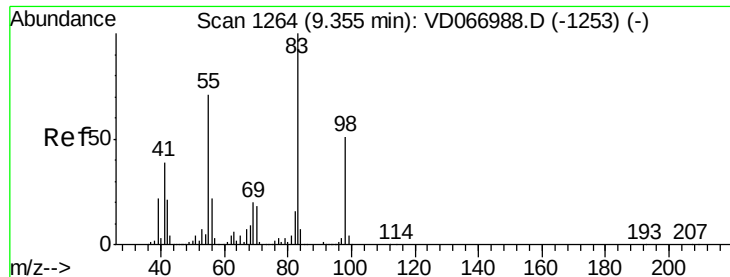
Ion Ratio Lower Upper

117 100

119 98.4 78.7 118.1

121 30.2 24.2 36.2

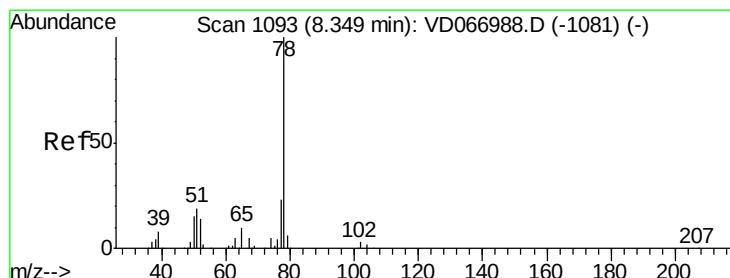
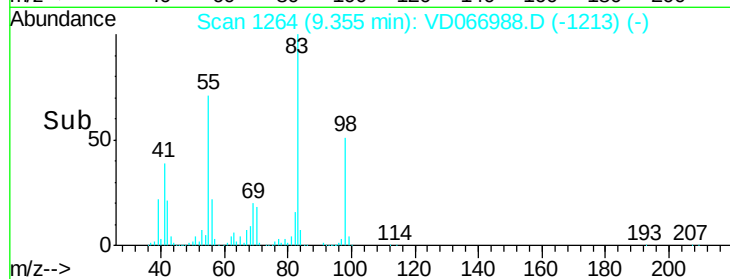
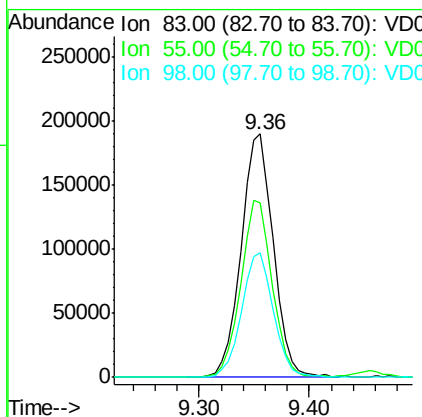
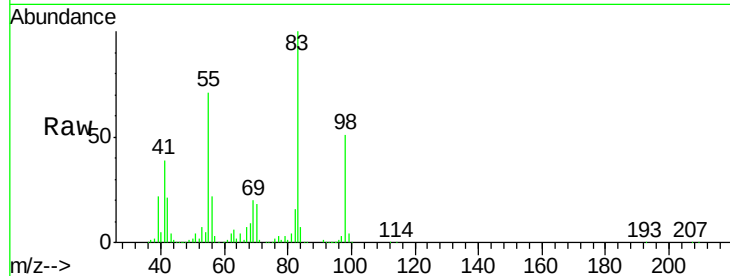




#39
Methylcyclohexane
Concen: 54.190 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

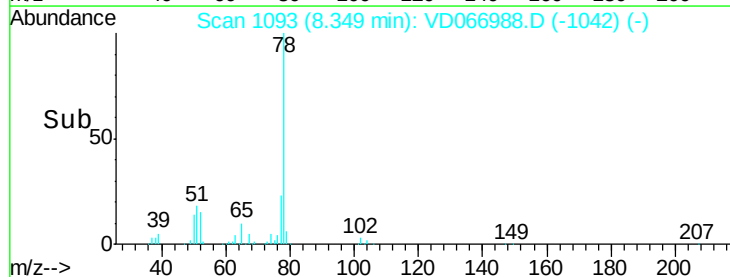
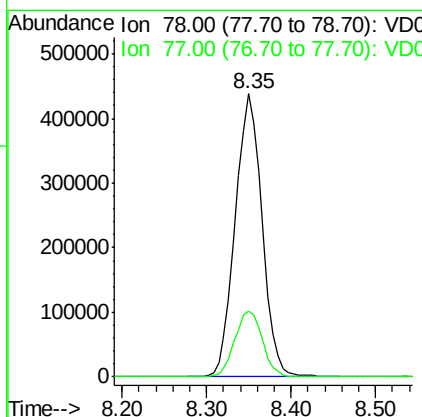
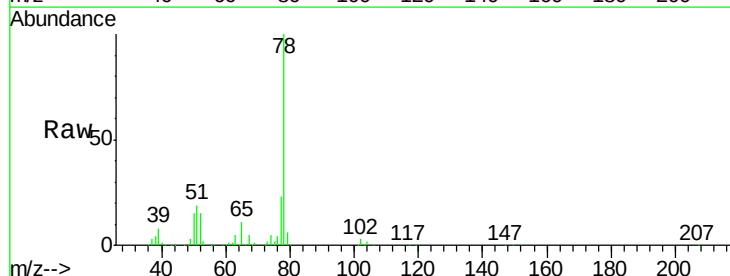
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

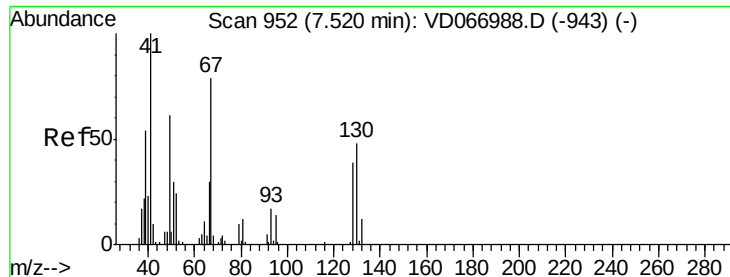
Tgt Ion: 83 Resp: 388387
Ion Ratio Lower Upper
83 100
55 71.4 57.1 85.7
98 51.1 40.9 61.3



#40
Benzene
Concen: 51.036 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

Tgt Ion: 78 Resp: 960974
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6

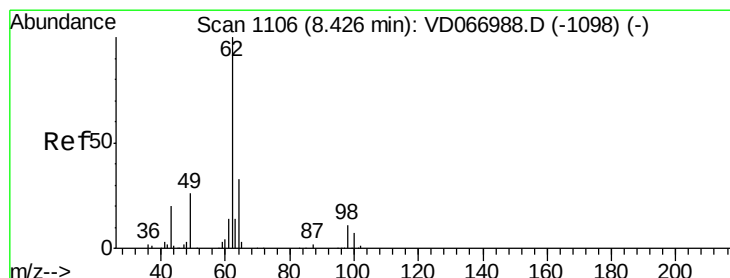
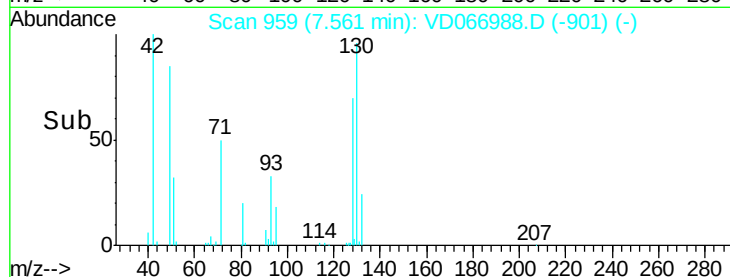
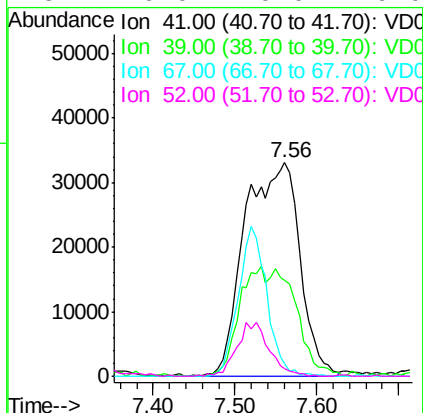
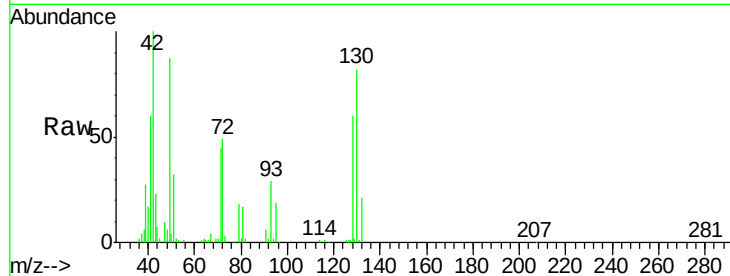




#41
Methacrylonitrile
Concen: 121.670 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

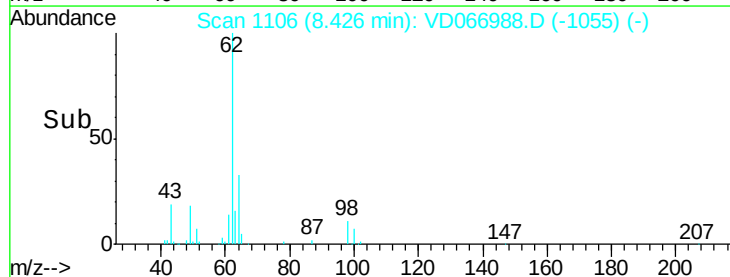
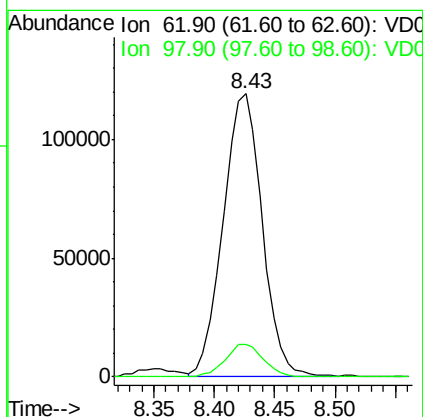
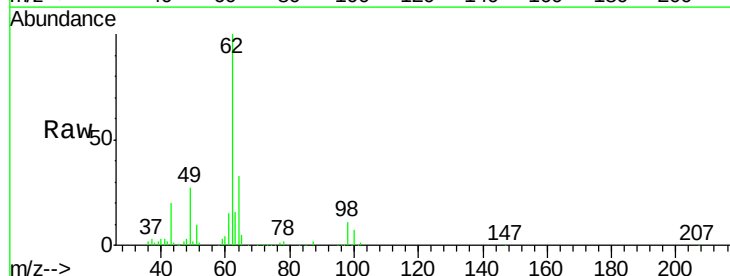
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

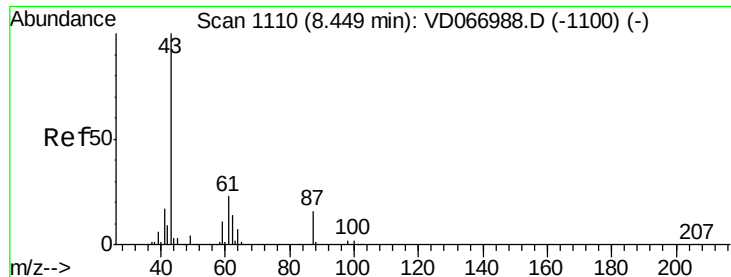
Tgt Ion:	41	Resp:	154369
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.777 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

Tgt Ion:	62	Resp:	267163
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6





#43

Isopropyl Acetate

Concen: 52.657 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

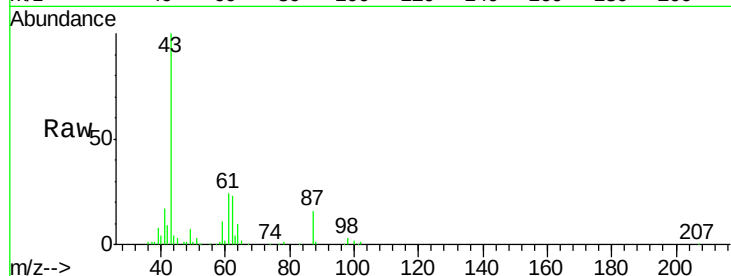
Tgt Ion: 43 Resp: 227815

Ion Ratio Lower Upper

43 100

61 33.9 27.1 40.7

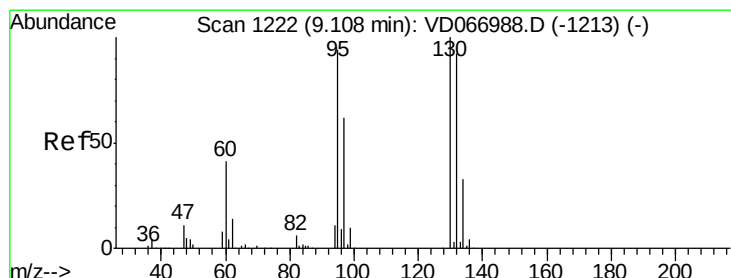
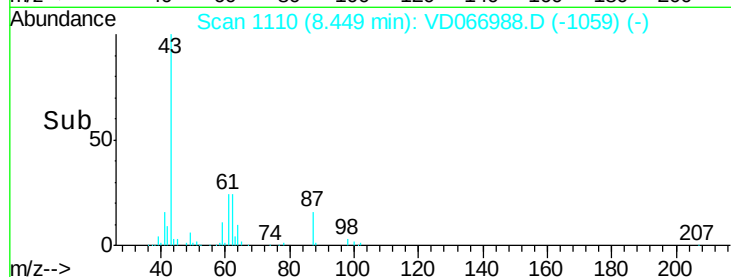
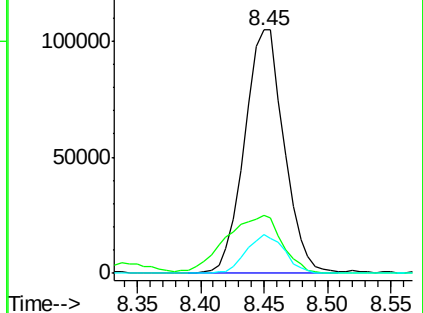
87 15.4 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 50.298 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066988.D

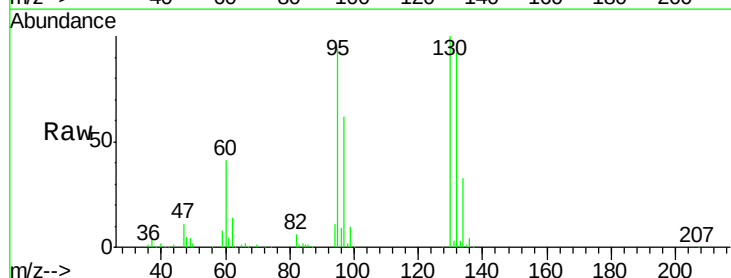
Acq: 01 Oct 2020 12:47

Tgt Ion: 130 Resp: 282807

Ion Ratio Lower Upper

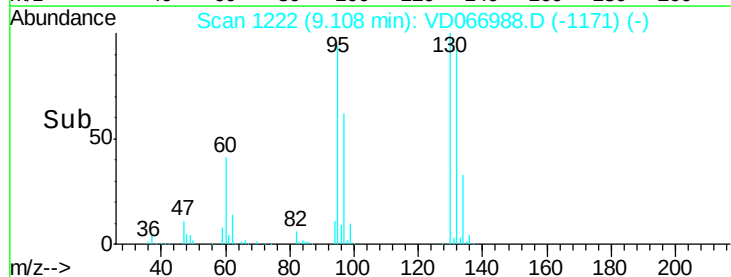
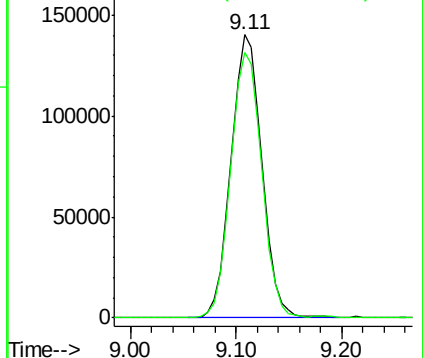
130 100

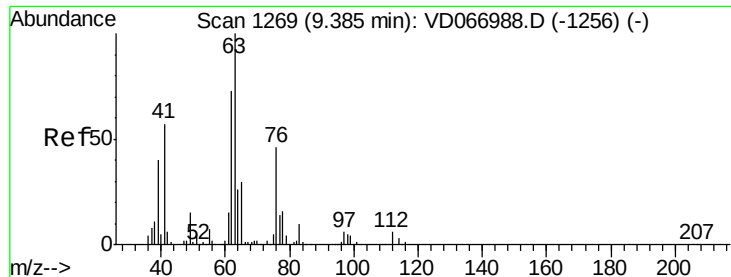
95 93.9 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

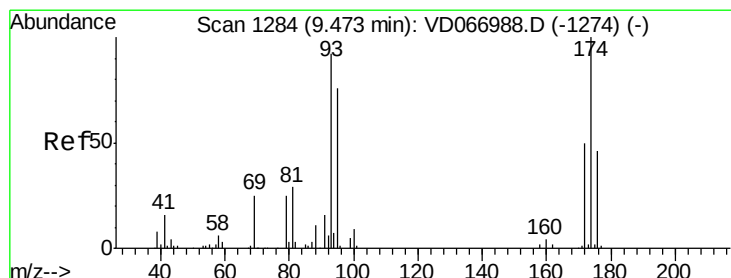
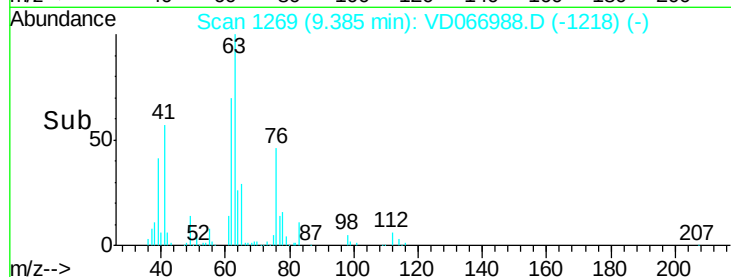
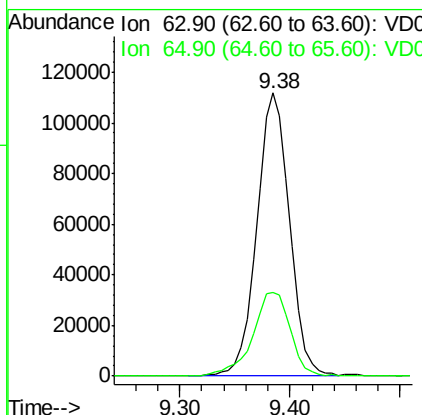
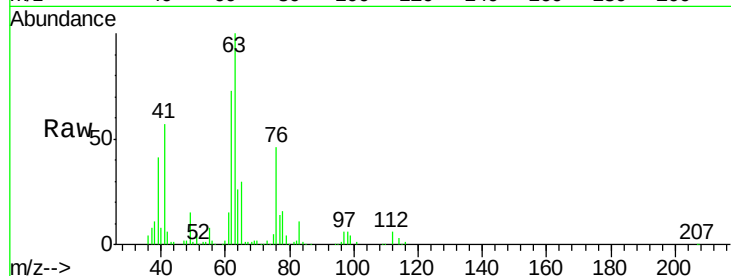




#45
 1,2-Dichloropropane
 Concen: 52.395 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

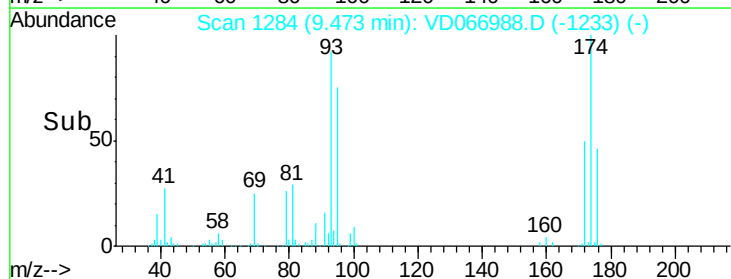
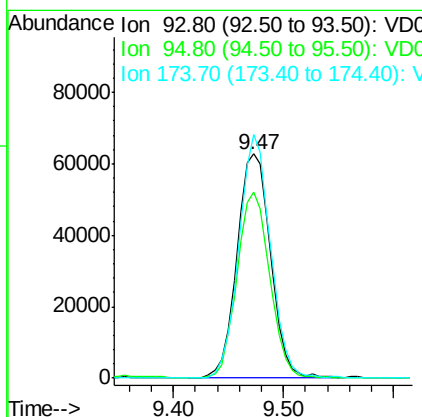
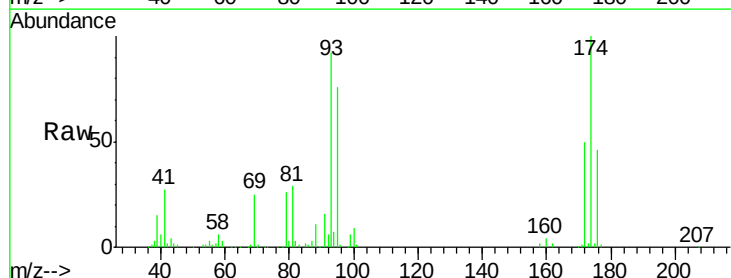
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

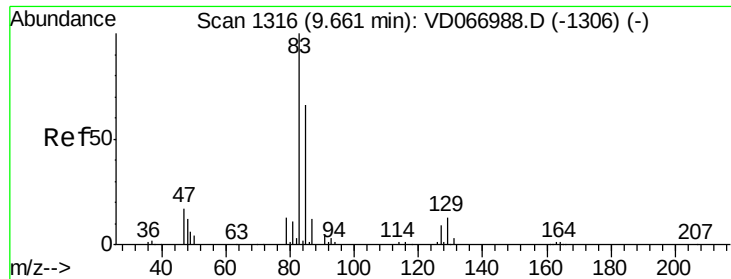
Tgt Ion: 63 Resp: 231806
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.7 35.5



#46
 Dibromomethane
 Concen: 52.877 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion: 93 Resp: 134456
 Ion Ratio Lower Upper
 93 100
 95 80.9 64.7 97.1
 174 101.8 81.4 122.2

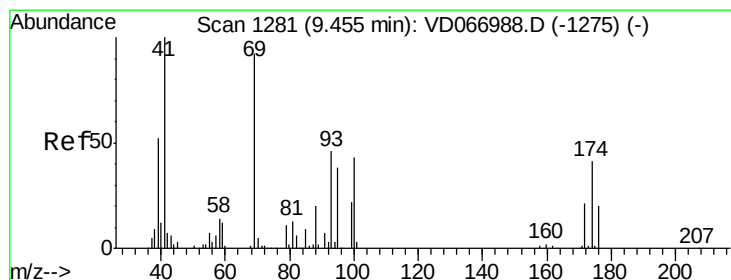
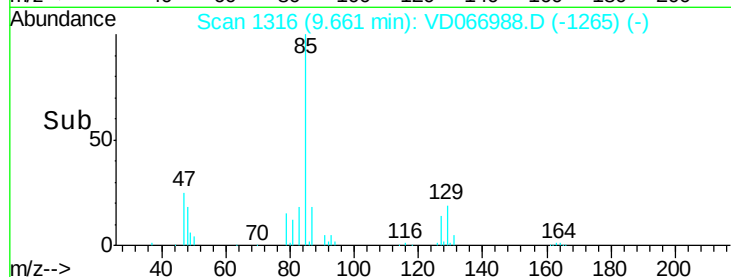
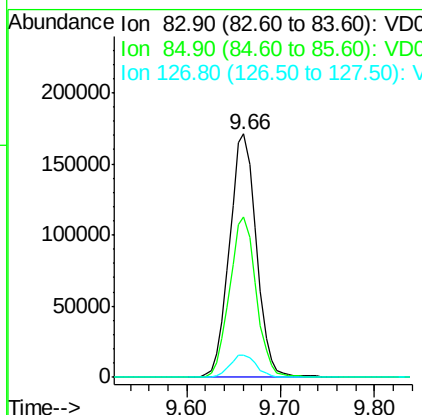
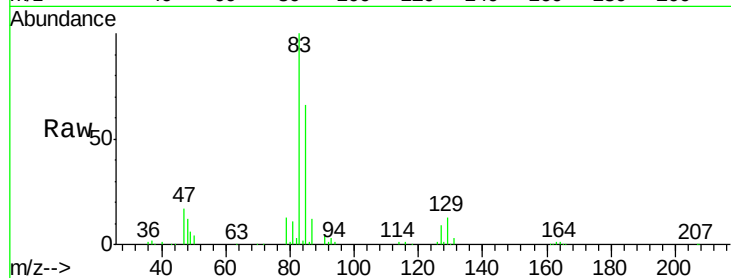




#47
 Bromodichloromethane
 Concen: 51.523 ug/l
 RT: 9.66 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

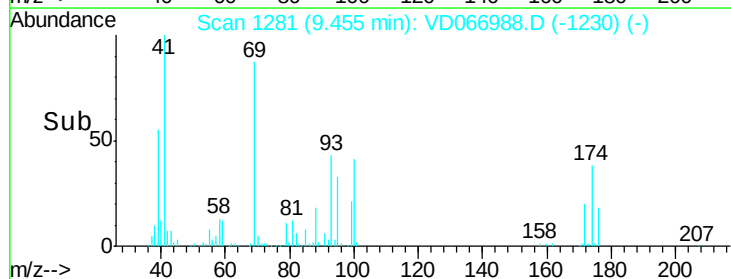
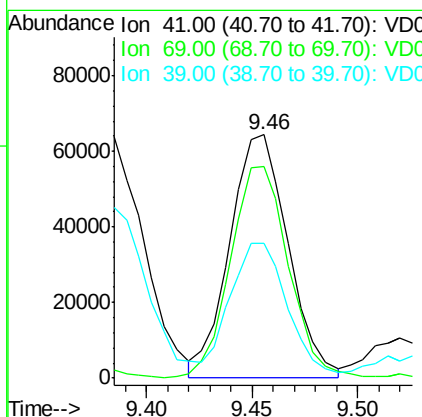
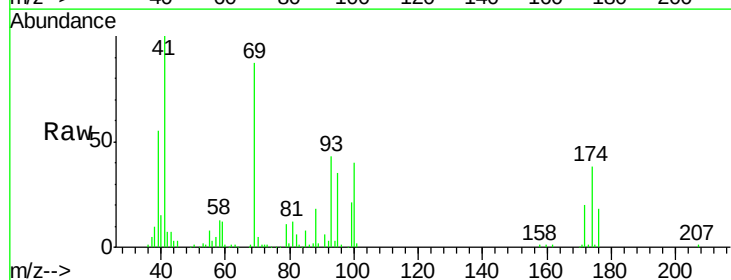
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

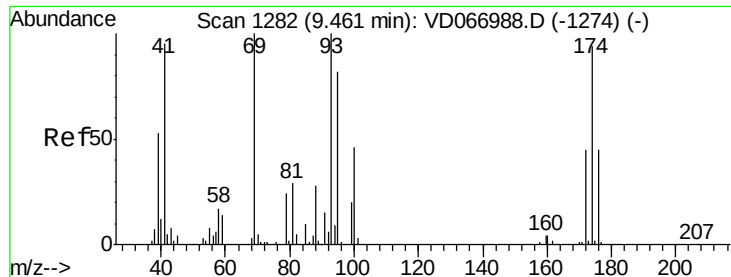
Tgt Ion: 83 Resp: 340558
 Ion Ratio Lower Upper
 83 100
 85 66.1 52.9 79.3
 127 9.1 7.3 10.9



#48
 Methyl methacrylate
 Concen: 55.825 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion: 41 Resp: 123735
 Ion Ratio Lower Upper
 41 100
 69 85.6 68.5 102.7
 39 50.2 40.2 60.2

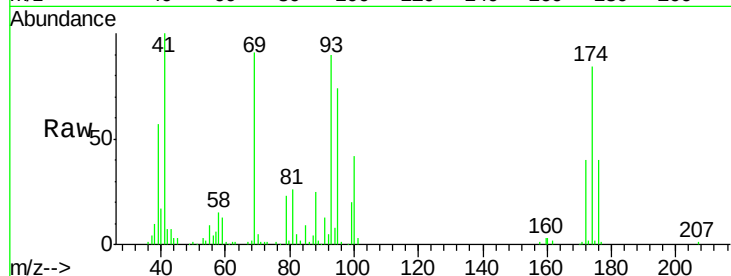




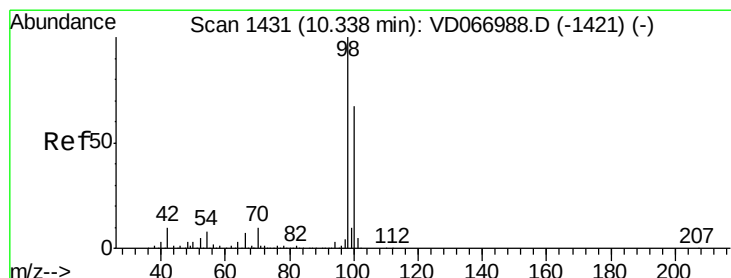
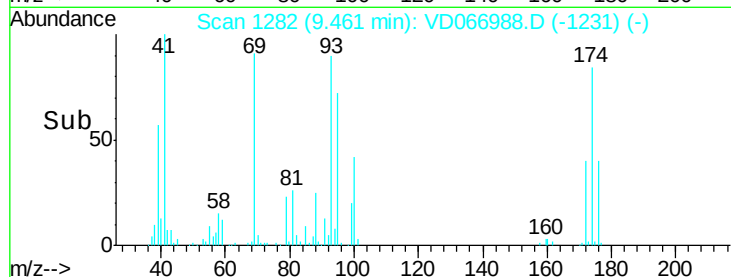
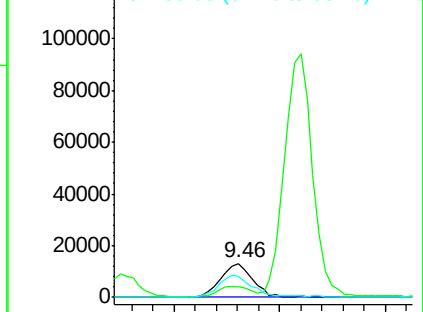
#49
1,4-Dioxane
Concen: 1031.701 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 27380
Ion Ratio Lower Upper
88 100
43 32.0 25.6 38.4
58 66.9 53.5 80.3

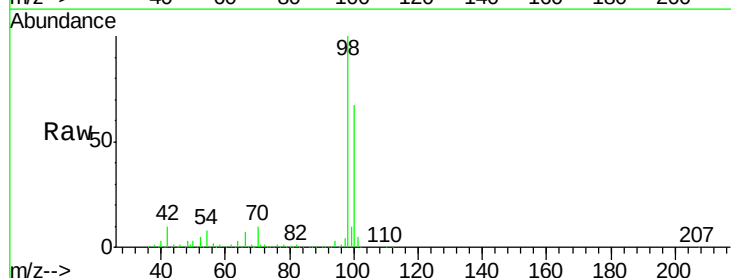


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

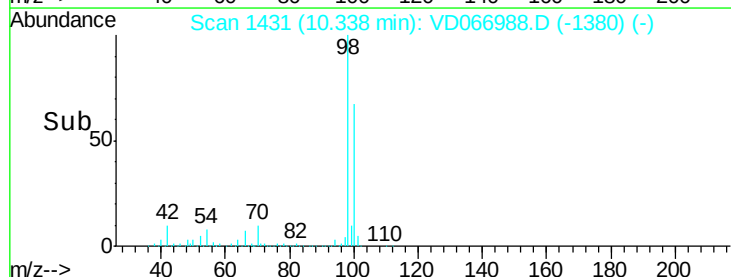
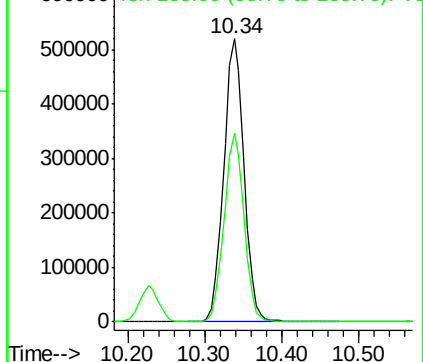


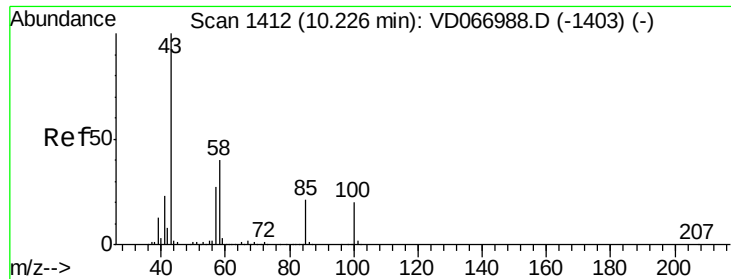
#50
Toluene-d8
Concen: 54.836 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

Tgt Ion: 98 Resp: 951394
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2



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

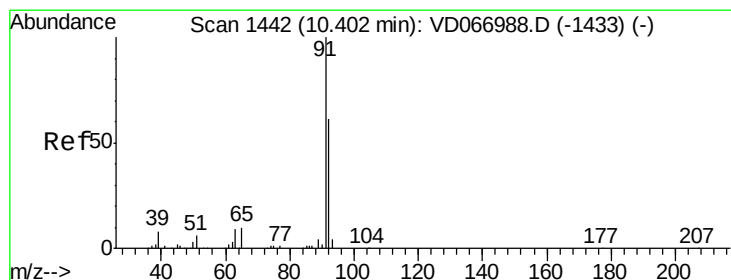
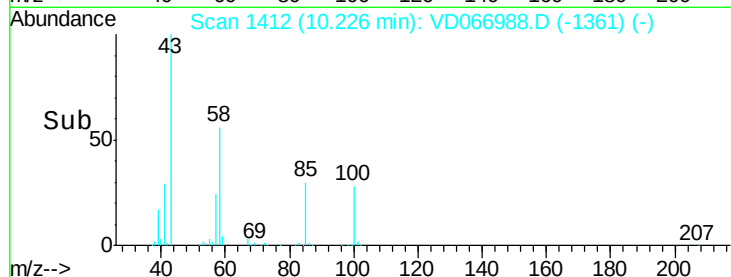
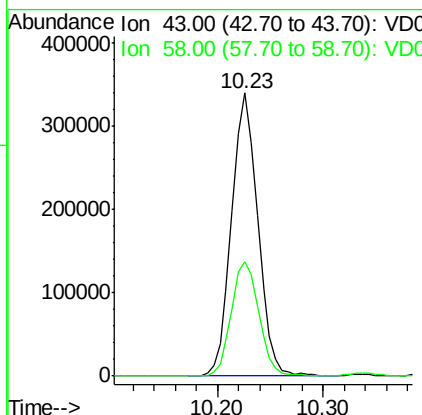
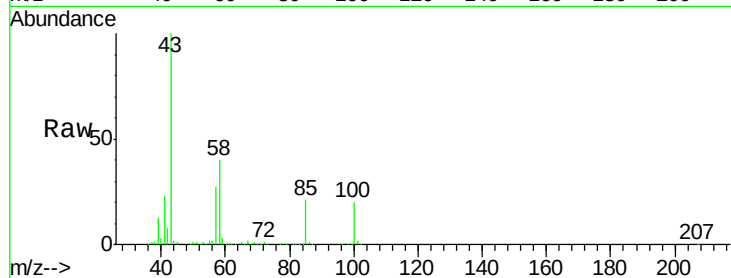




#51
 4-Methyl-2-Pentanone
 Concen: 271.682 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

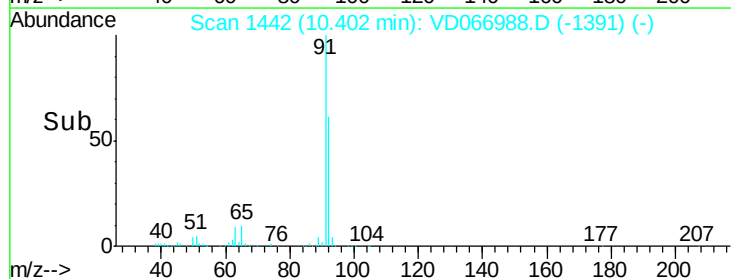
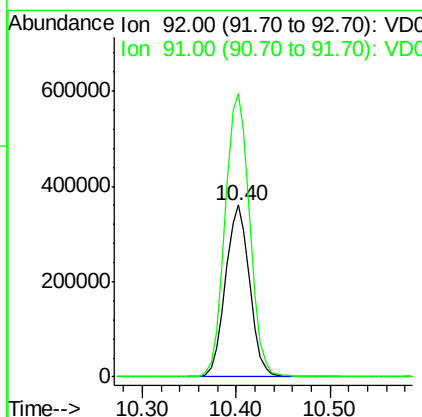
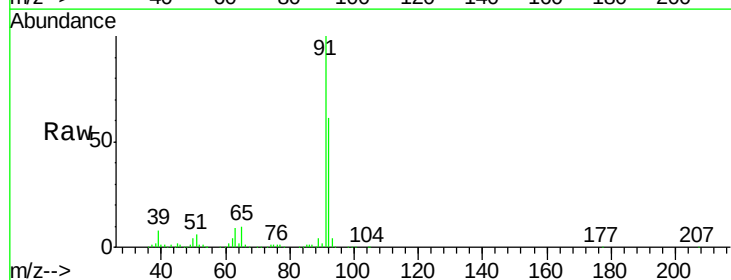
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

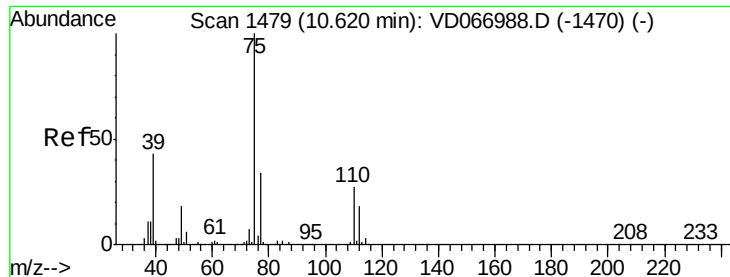
Tgt Ion: 43 Resp: 585464
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.8 50.8



#52
 Toluene
 Concen: 52.906 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion: 92 Resp: 641711
 Ion Ratio Lower Upper
 92 100
 91 168.9 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 53.128 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

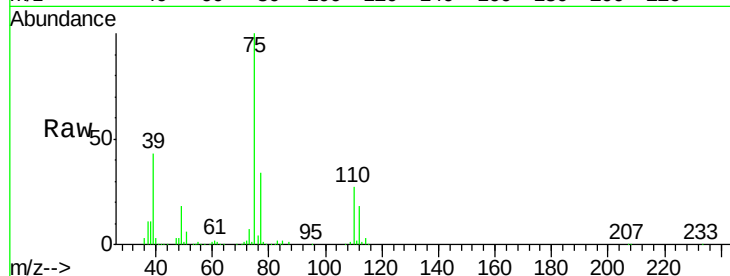
VSTDICCC050

Tgt Ion: 75 Resp: 313854

Ion Ratio Lower Upper

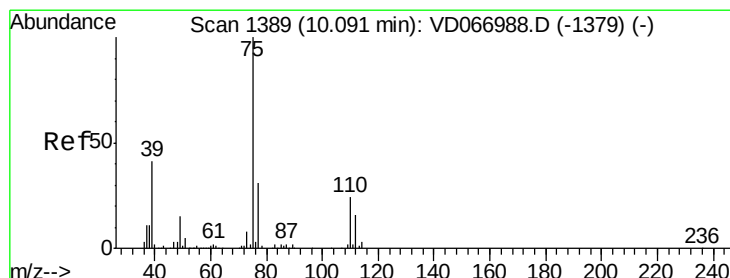
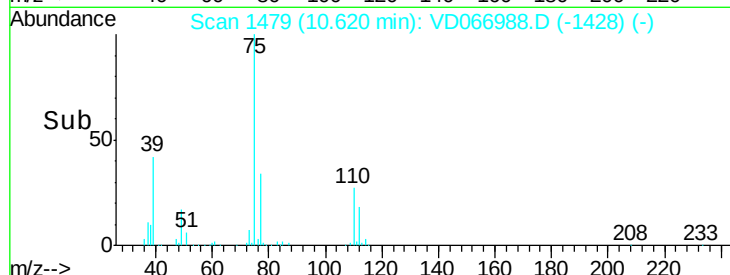
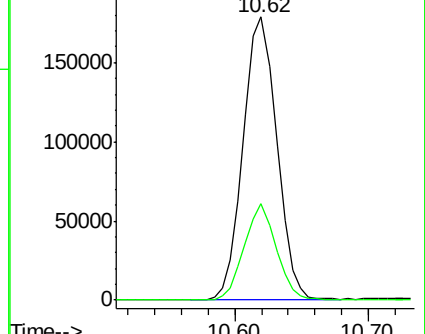
75 100

77 33.9 27.1 40.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 52.009 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

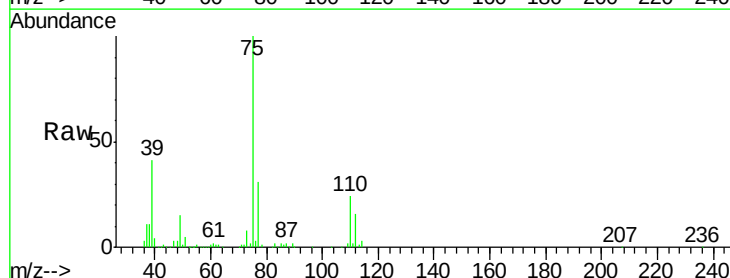
Tgt Ion: 75 Resp: 375175

Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0

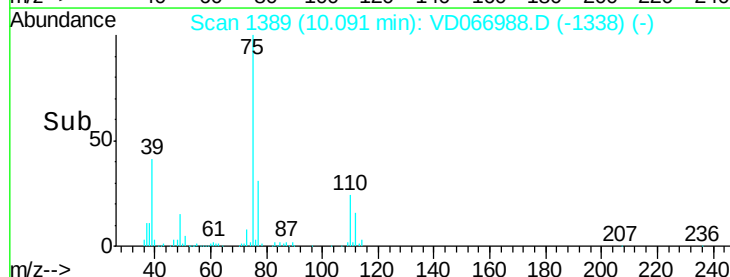
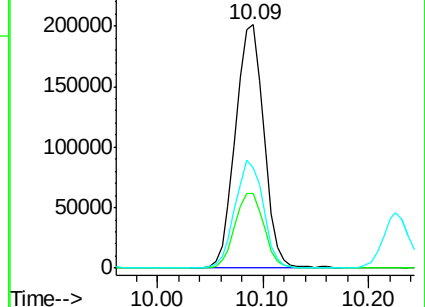
39 41.2 33.0 49.4

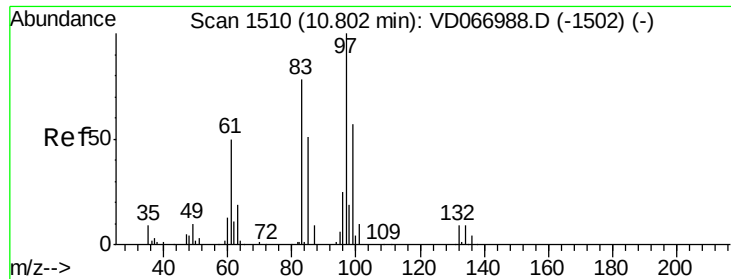


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 51.885 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 183428

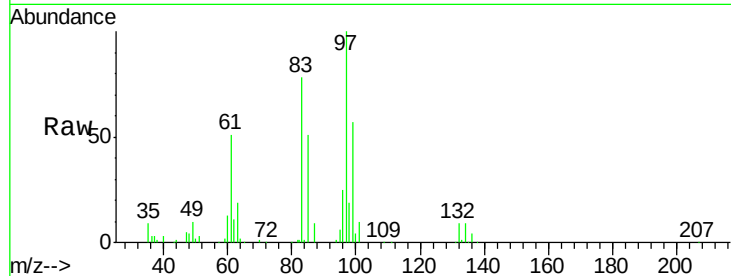
Ion Ratio Lower Upper

97 100

83 78.0 62.4 93.6

85 51.2 41.0 61.4

99 57.4 45.9 68.9

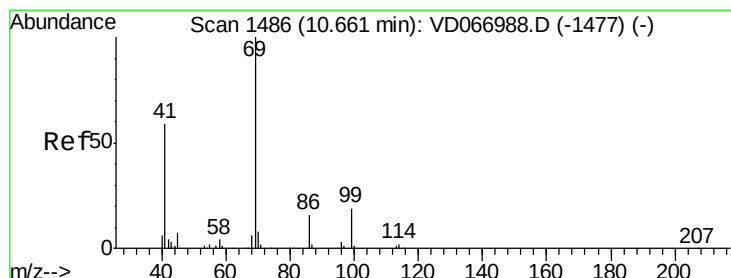
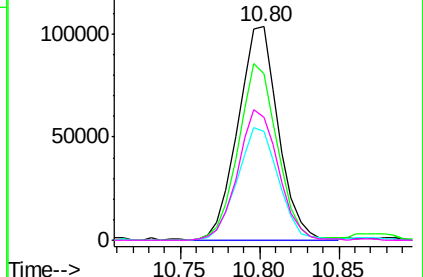
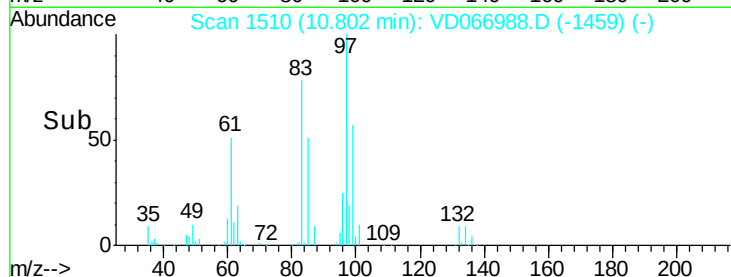


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 57.389 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

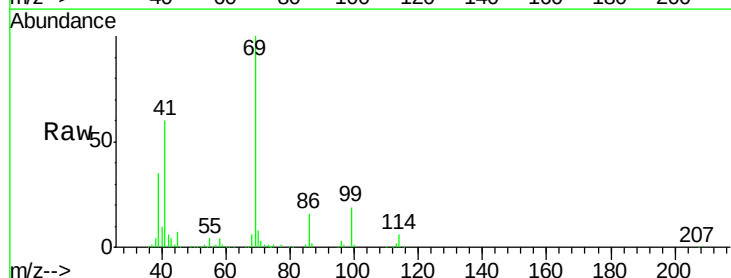
Tgt Ion: 69 Resp: 209468

Ion Ratio Lower Upper

69 100

41 58.0 46.4 69.6

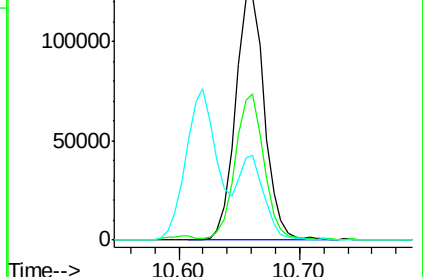
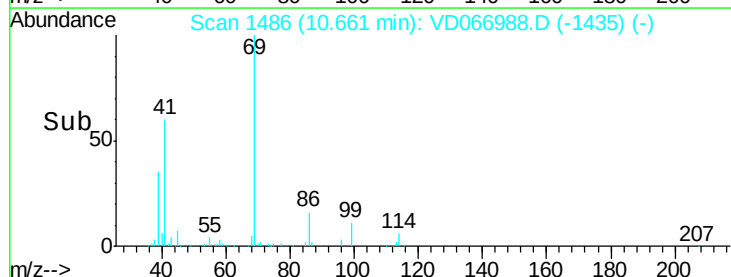
39 29.7 23.8 35.6

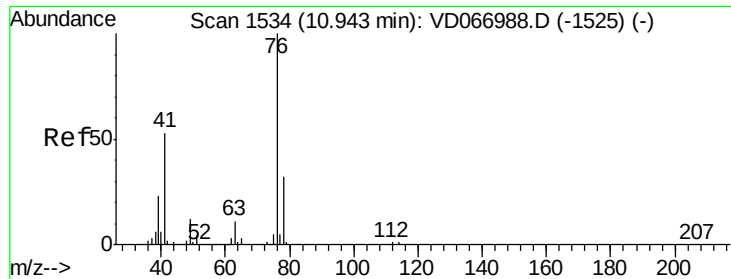


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

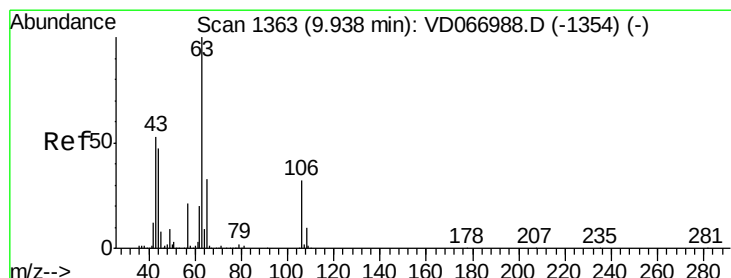
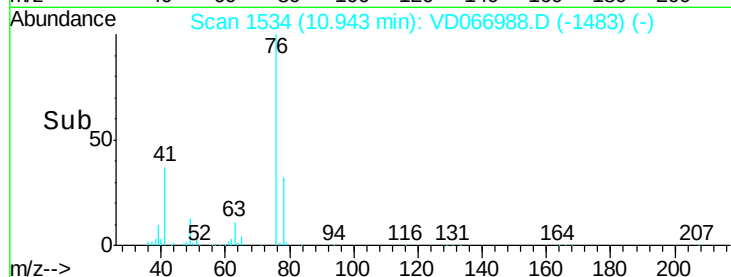
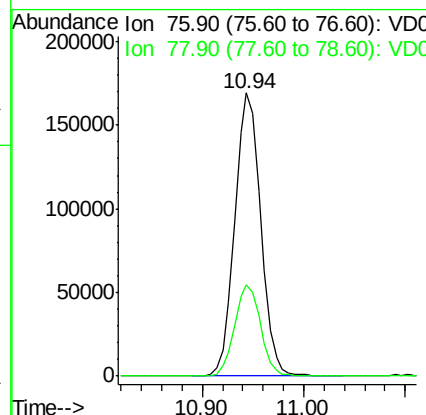
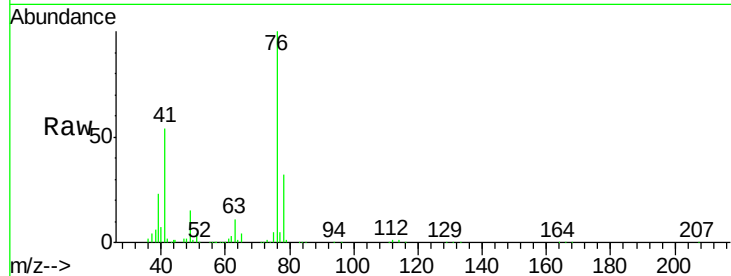




#57
 1,3-Dichloropropane
 Concen: 52.456 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

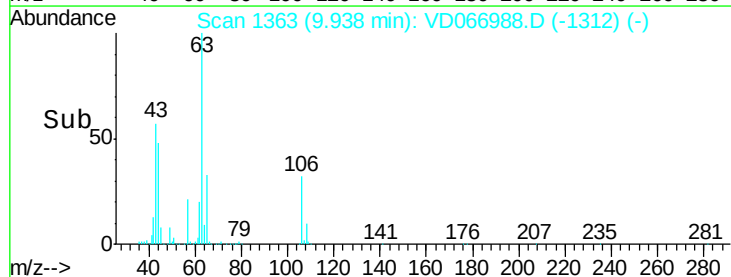
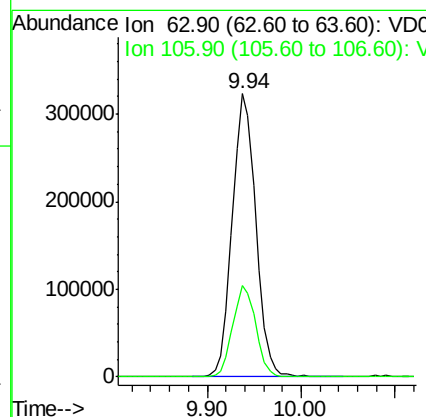
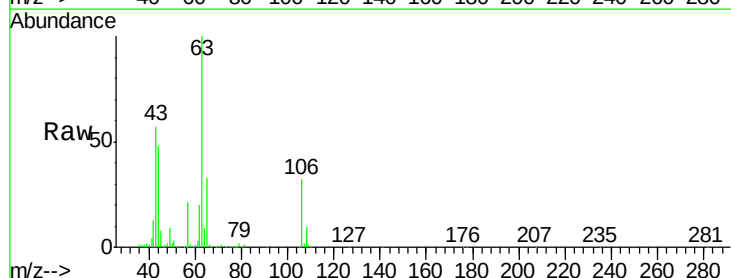
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

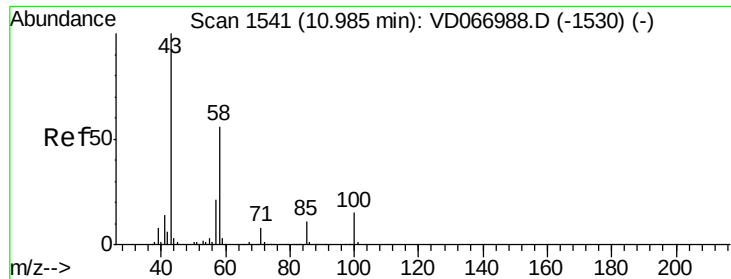
Tgt Ion: 76 Resp: 300723
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.716 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion: 63 Resp: 564179
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.3 37.9

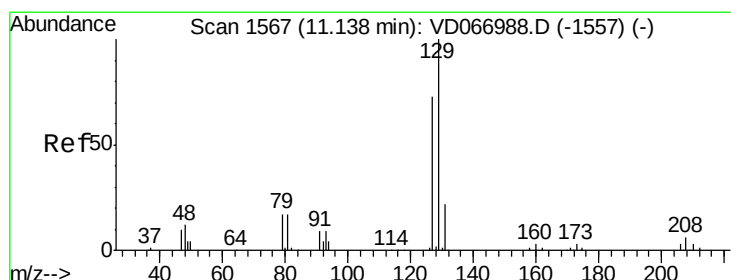
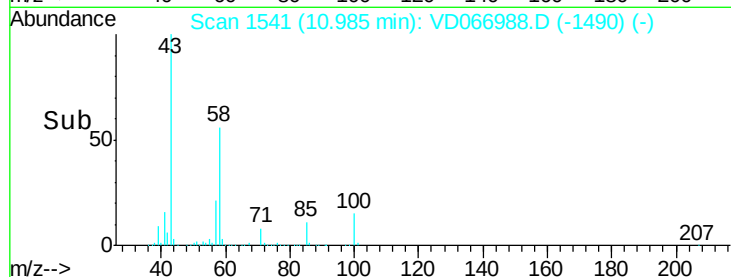
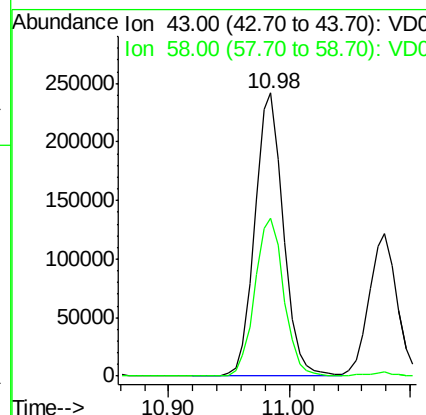
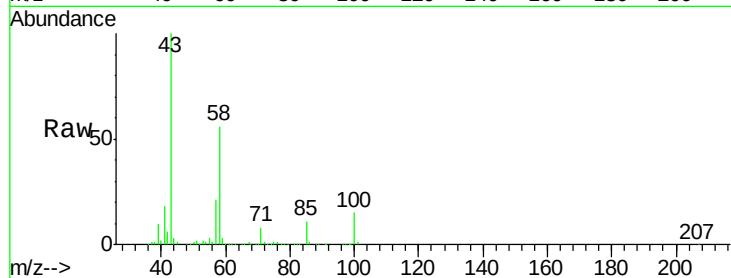




#59
2-Hexanone
Concen: 276.928 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

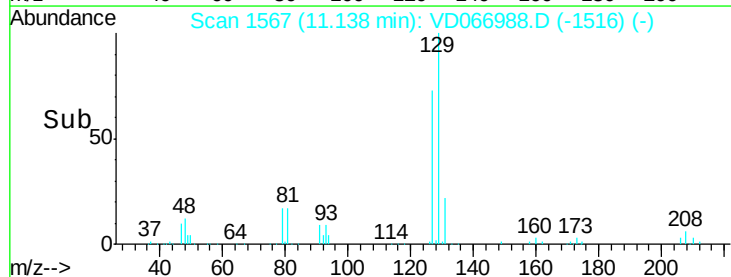
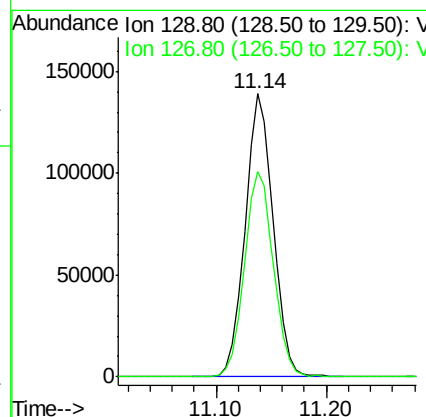
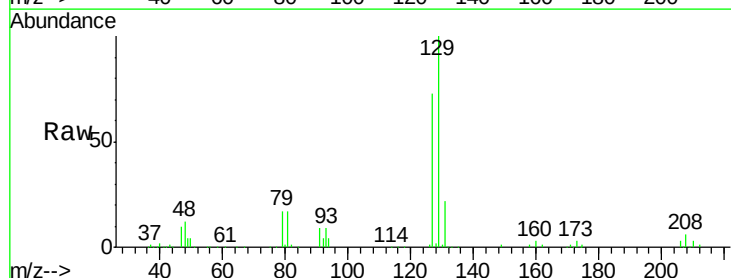
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

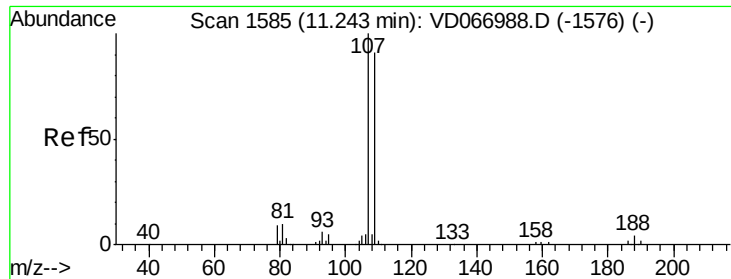
Tgt Ion: 43 Resp: 398309
Ion Ratio Lower Upper
43 100
58 56.6 28.3 84.9



#60
Dibromochloromethane
Concen: 52.654 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

Tgt Ion: 129 Resp: 248099
Ion Ratio Lower Upper
129 100
127 74.7 37.4 112.1

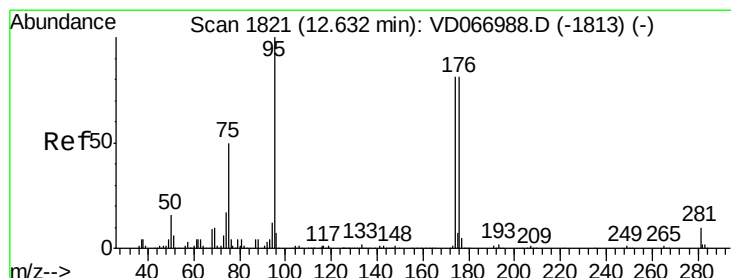
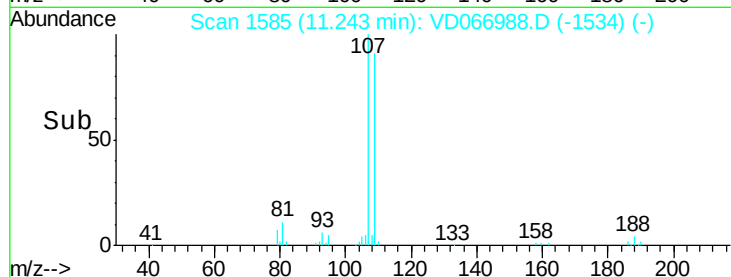
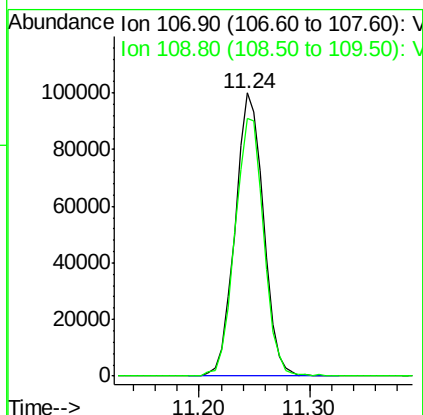
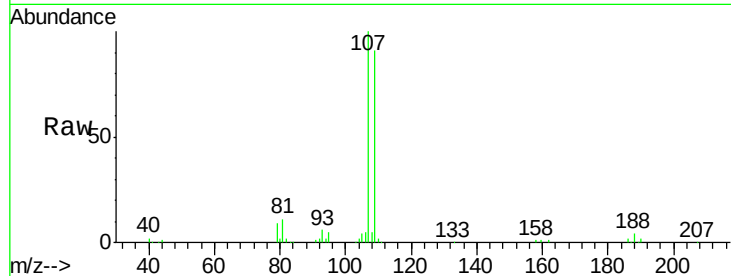




#61
 1,2-Dibromoethane
 Concen: 53.208 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

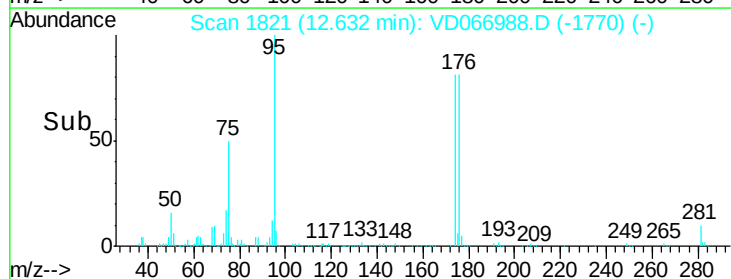
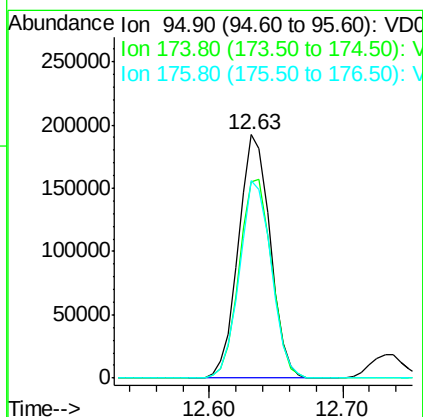
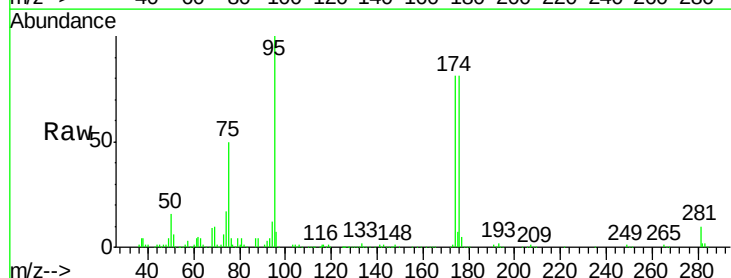
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

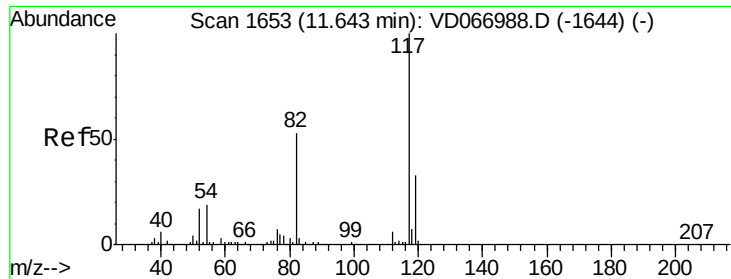
Tgt Ion: 107 Resp: 180716
 Ion Ratio Lower Upper
 107 100
 109 92.5 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 53.650 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion: 95 Resp: 315991
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 167.6
 176 81.2 0.0 162.4

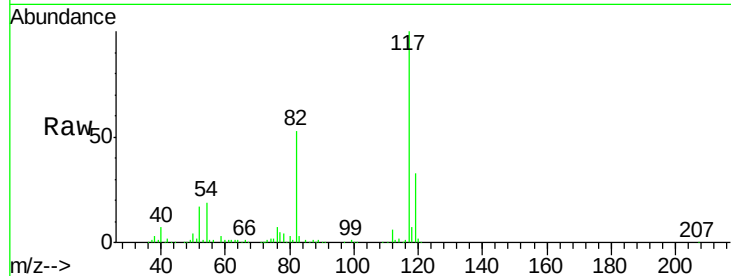




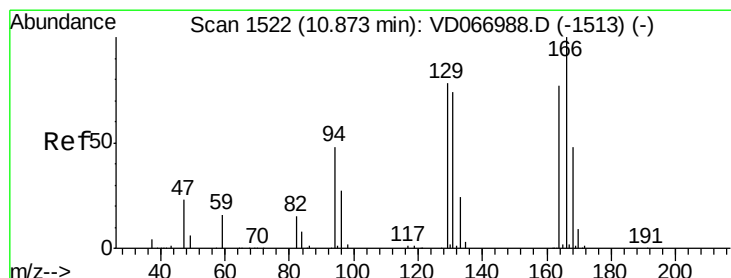
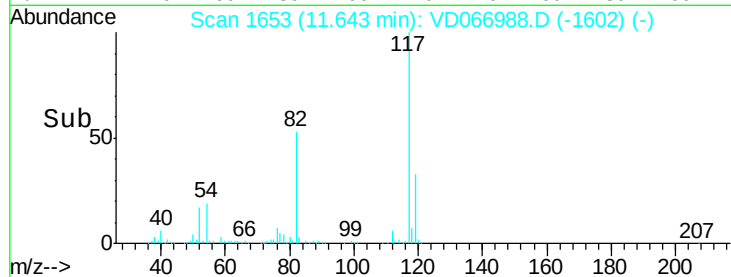
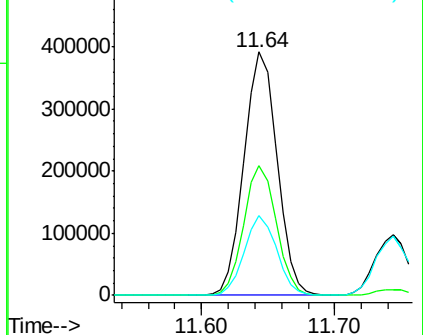
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 671897
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 32.9 26.3 39.5

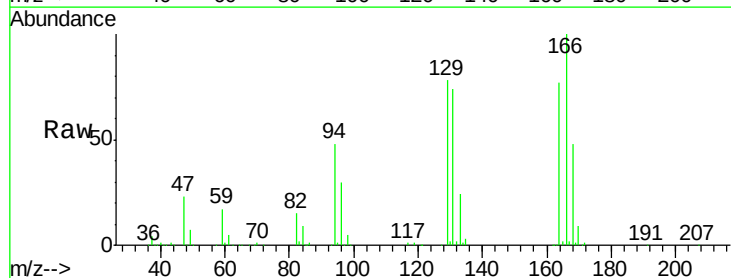


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

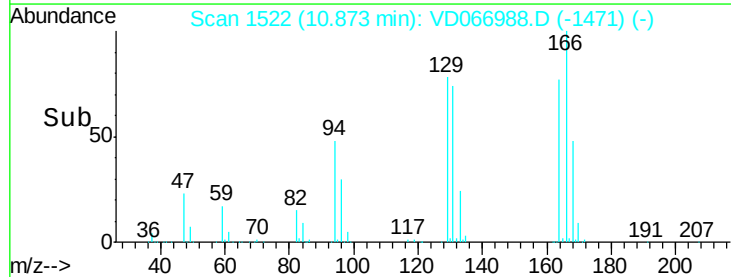
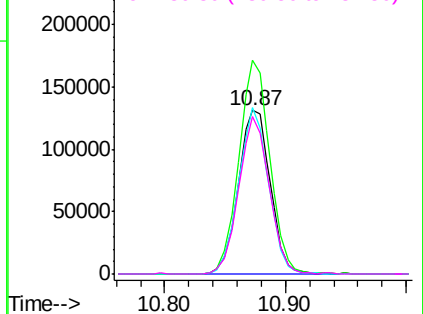


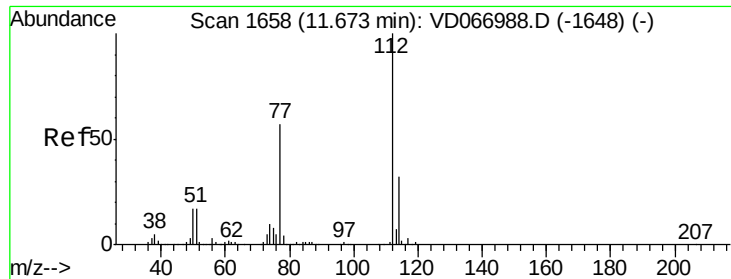
#64
Tetrachloroethene
Concen: 49.447 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

Tgt Ion:164 Resp: 241533
Ion Ratio Lower Upper
164 100
166 130.5 104.4 156.6
129 101.6 81.3 121.9
131 96.4 77.1 115.7



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

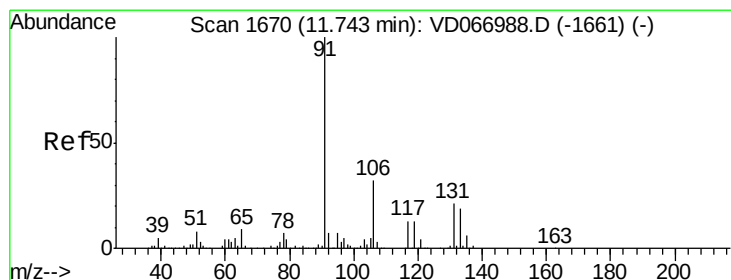
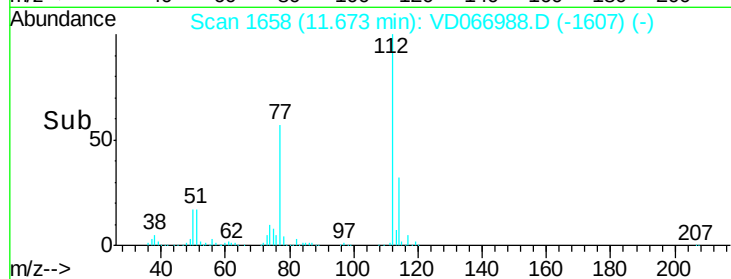
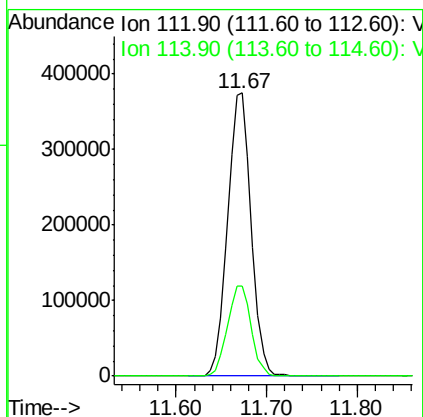
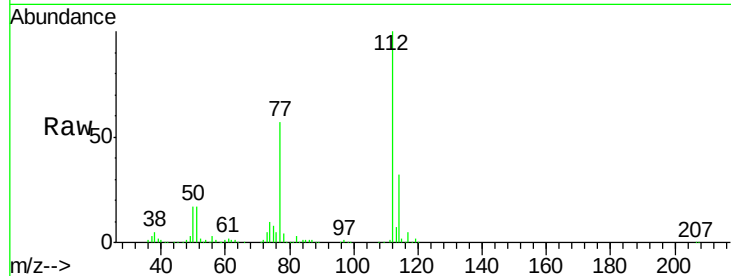




#65
Chlorobenzene
Concen: 50.397 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

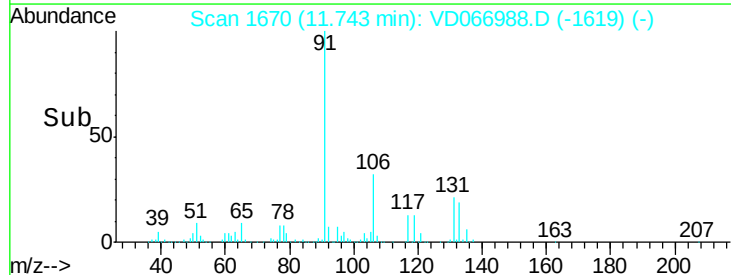
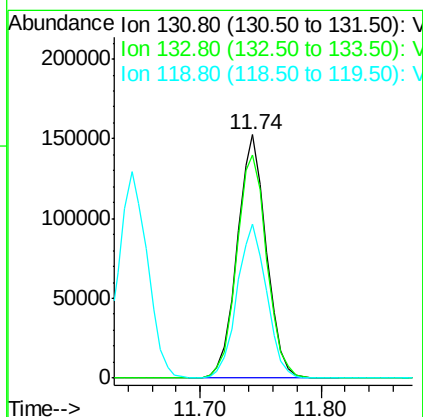
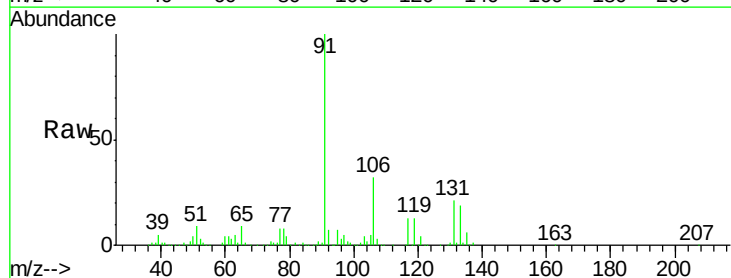
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

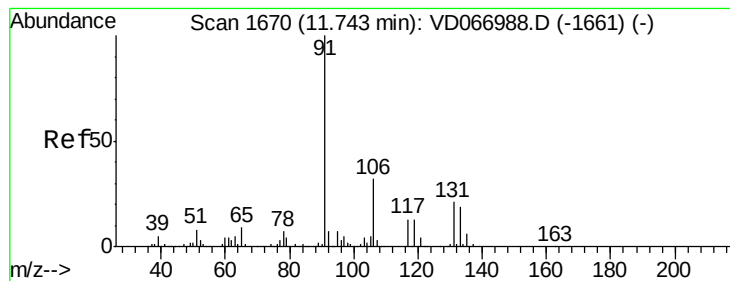
Tgt Ion:112 Resp: 673465
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.322 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

Tgt Ion:131 Resp: 255796
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 64.5 32.3 96.8





#67

Ethyl Benzene

Concen: 52.580 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

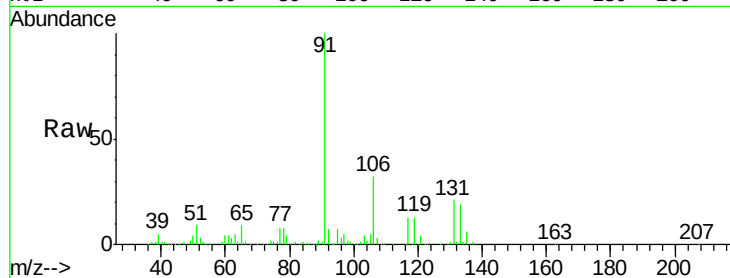
VSTDICCC050

Tgt Ion: 91 Resp: 1203885

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

1000000

800000

600000

400000

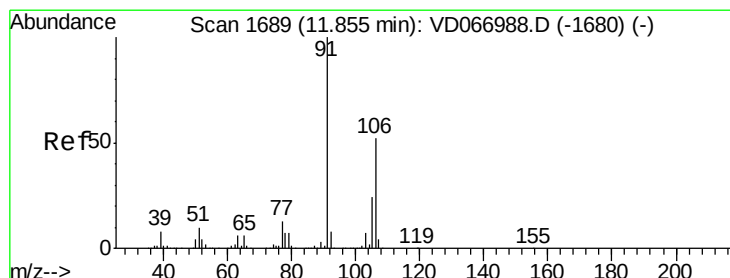
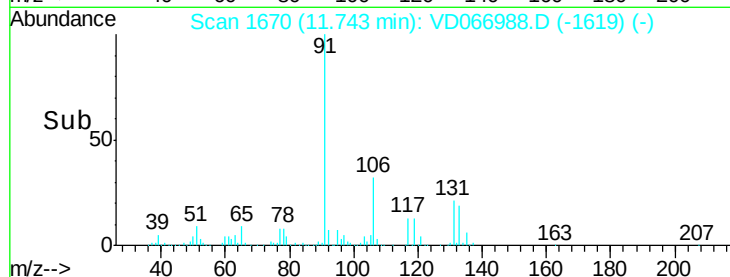
200000

0

11.74

11.80

Time-->



#68

m/p-Xylenes

Concen: 104.645 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066988.D

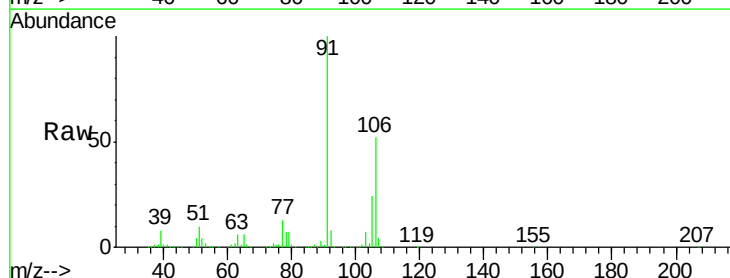
Acq: 01 Oct 2020 12:47

Tgt Ion: 106 Resp: 933759

Ion Ratio Lower Upper

106 100

91 198.0 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

600000

400000

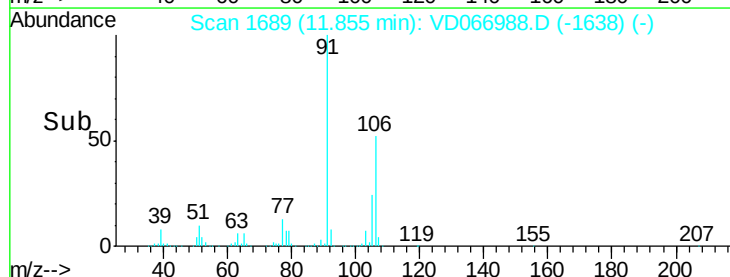
200000

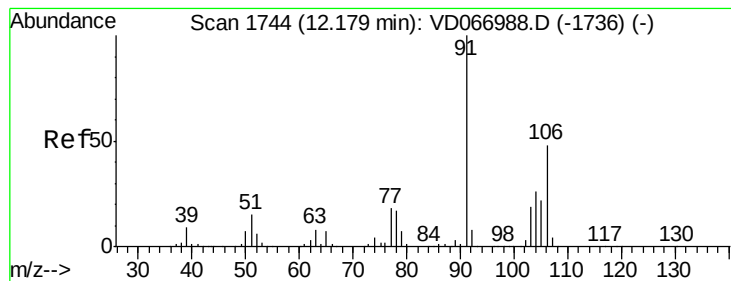
0

11.86

11.90

Time-->





#69

o-Xylene

Concen: 53.835 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

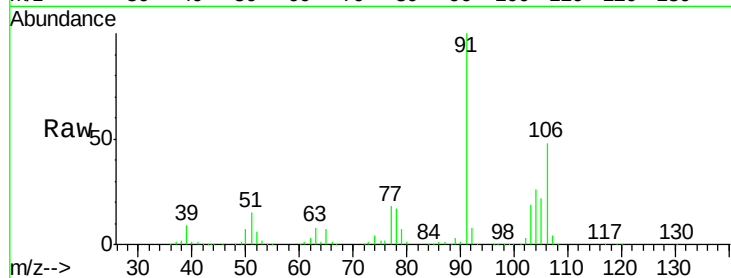
VSTDICCC050

Tgt Ion:106 Resp: 429577

Ion Ratio Lower Upper

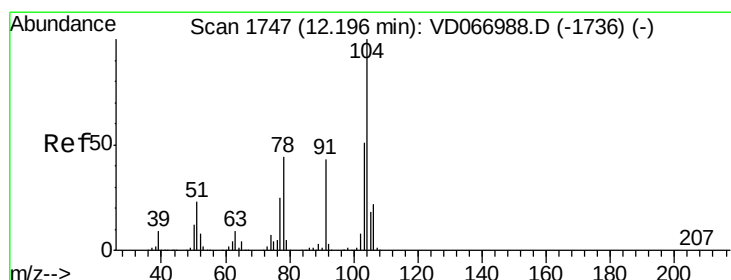
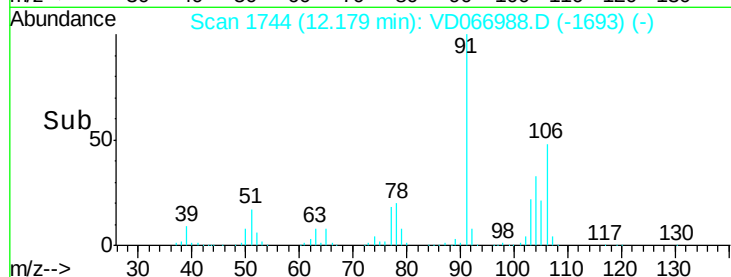
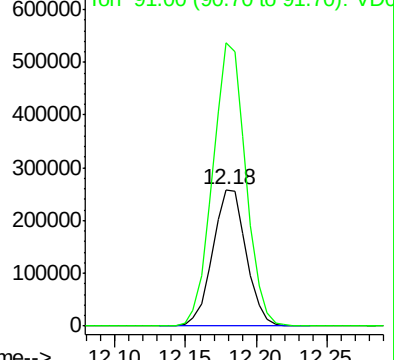
106 100

91 204.8 102.4 307.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#70

Styrene

Concen: 53.905 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

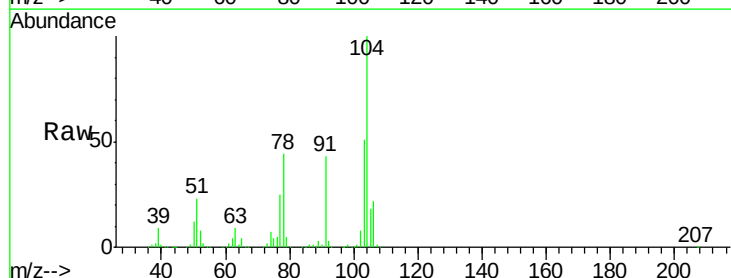
Tgt Ion:104 Resp: 738604

Ion Ratio Lower Upper

104 100

78 48.3 38.6 58.0

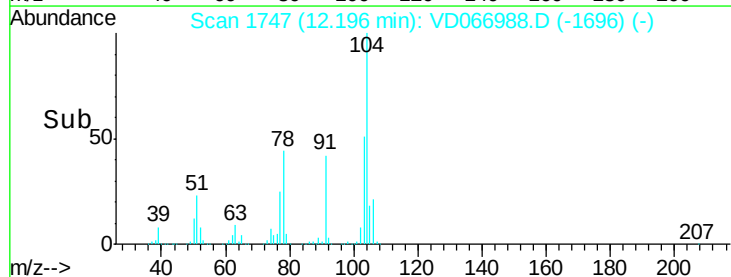
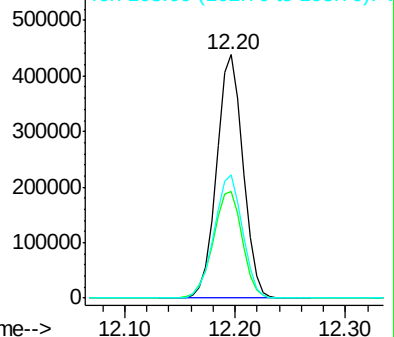
103 54.2 43.4 65.0

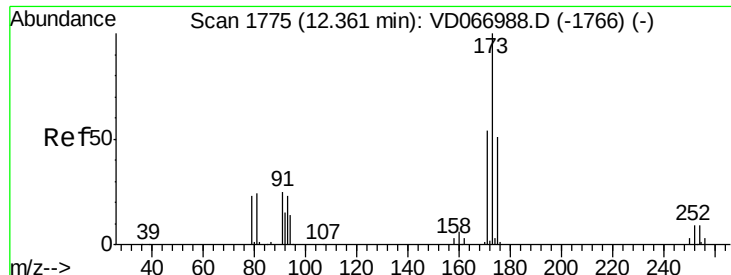


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VDC

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.030 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

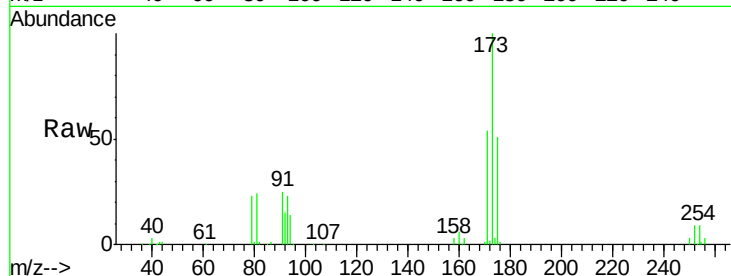
Tgt Ion:173 Resp: 134648

Ion Ratio Lower Upper

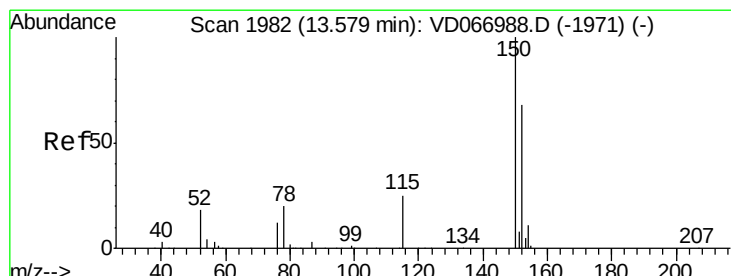
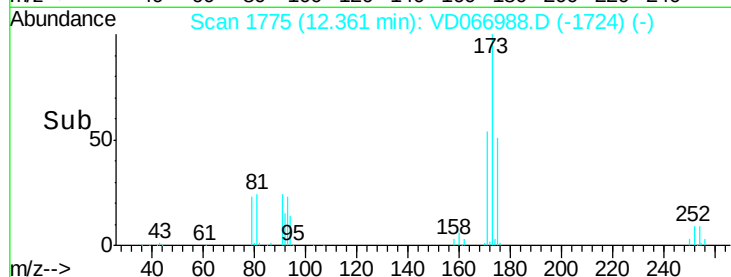
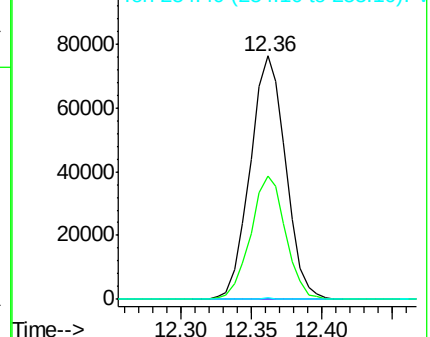
173 100

175 49.8 24.9 74.7

254 0.3 0.2 0.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

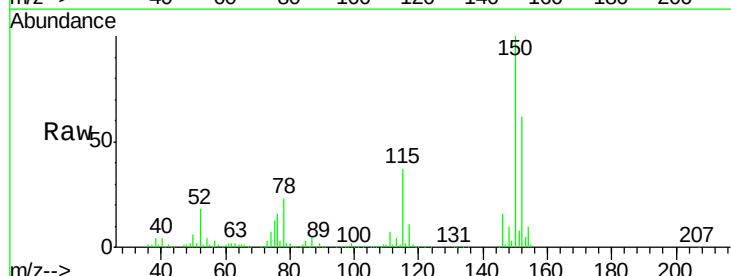
Tgt Ion:152 Resp: 321808

Ion Ratio Lower Upper

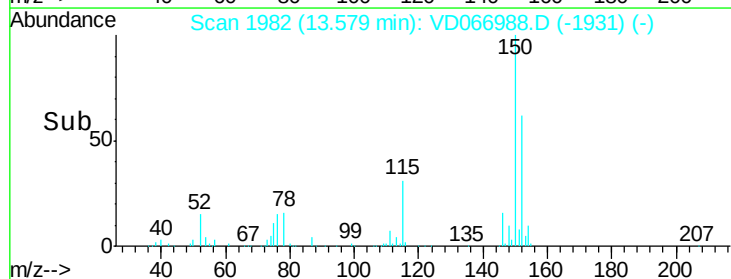
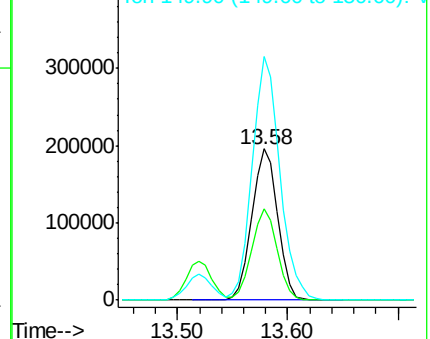
152 100

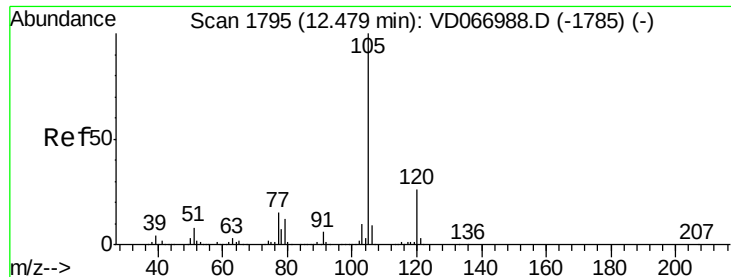
115 59.2 29.6 88.8

150 172.4 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.817 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

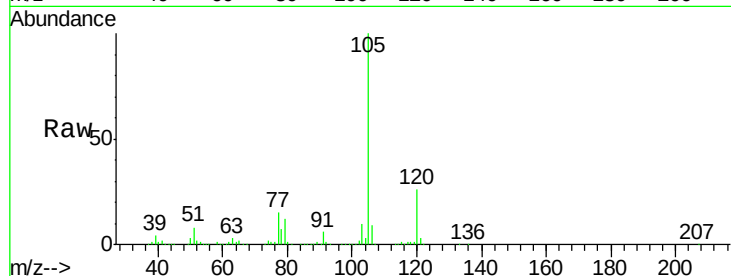
VSTDICCC050

Tgt Ion:105 Resp: 1175978

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

800000

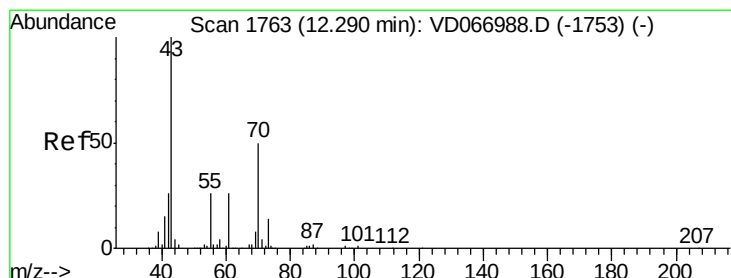
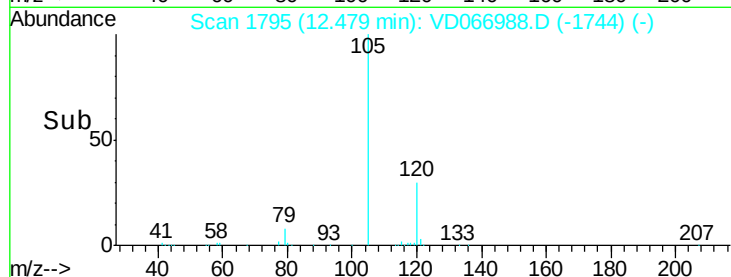
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 53.120 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Tgt Ion: 43 Resp: 208660

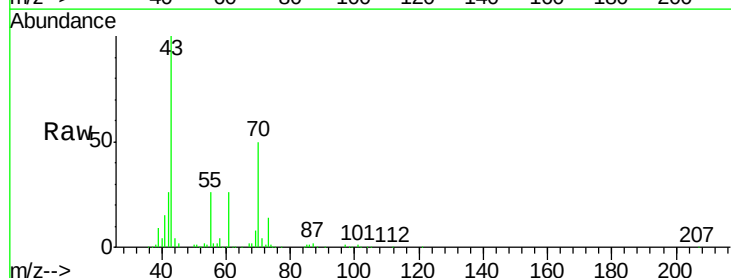
Ion Ratio Lower Upper

43 100

70 47.7 38.2 57.2

55 28.0 22.4 33.6

61 25.8 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

200000

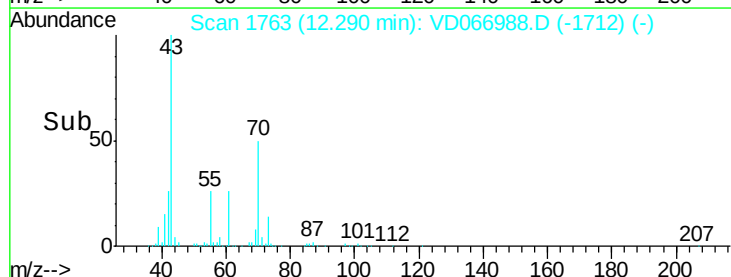
150000

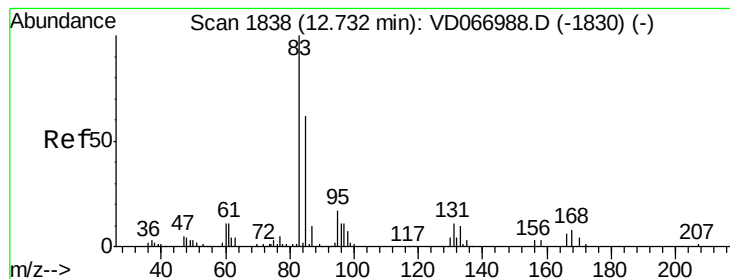
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.067 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

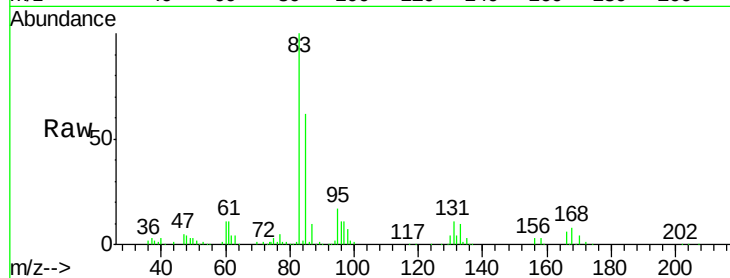
Tgt Ion: 83 Resp: 188009

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

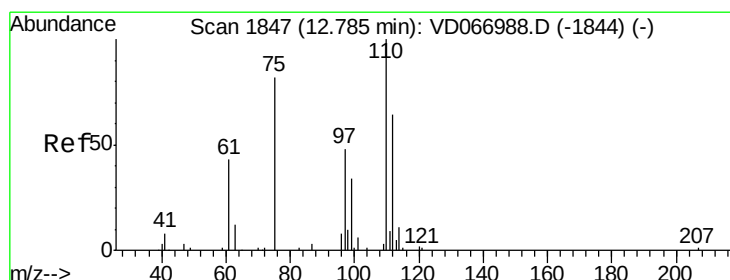
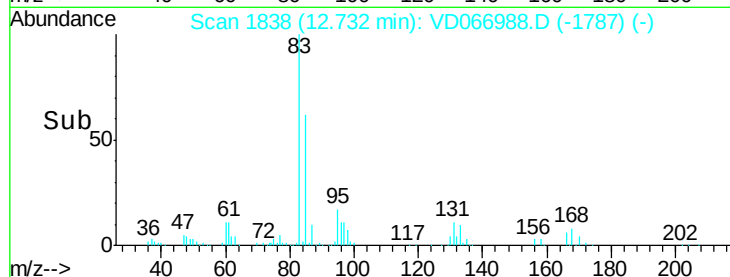
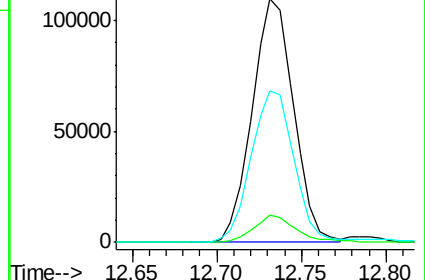
85 64.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 87.344 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066988.D

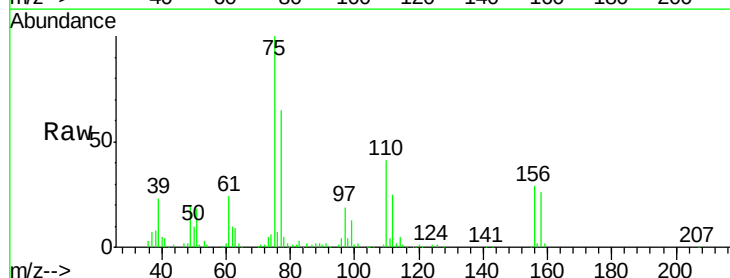
Acq: 01 Oct 2020 12:47

Tgt Ion: 75 Resp: 239583

Ion Ratio Lower Upper

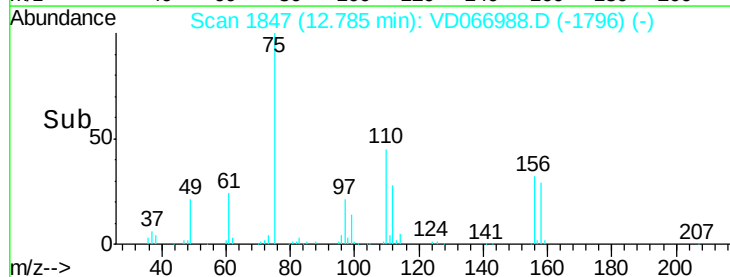
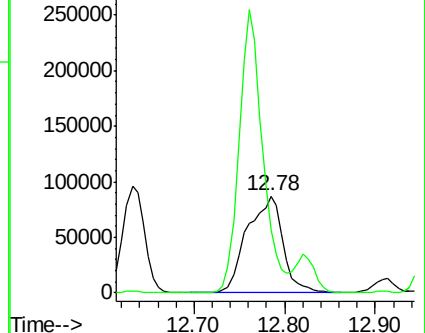
75 100

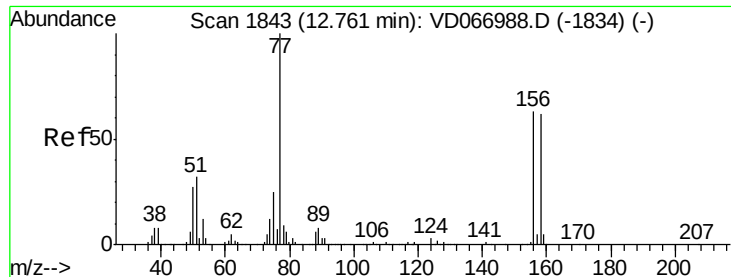
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.879 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

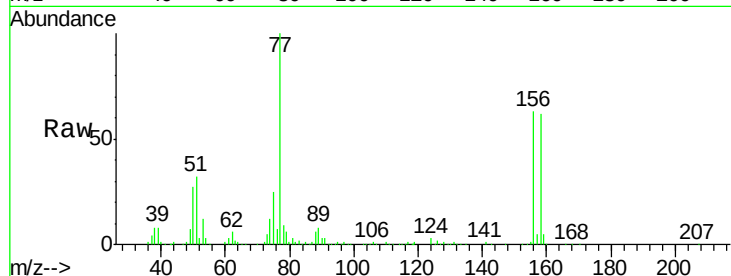
Tgt Ion:156 Resp: 268453

Ion Ratio Lower Upper

156 100

77 172.5 86.3 258.8

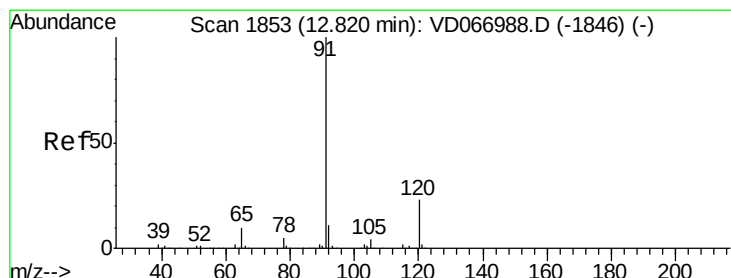
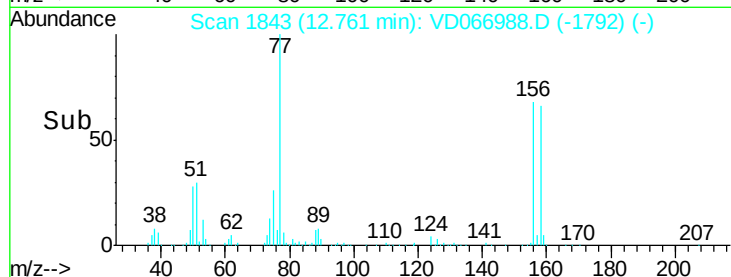
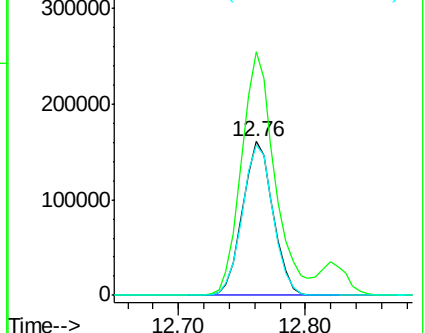
158 98.9 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.729 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066988.D

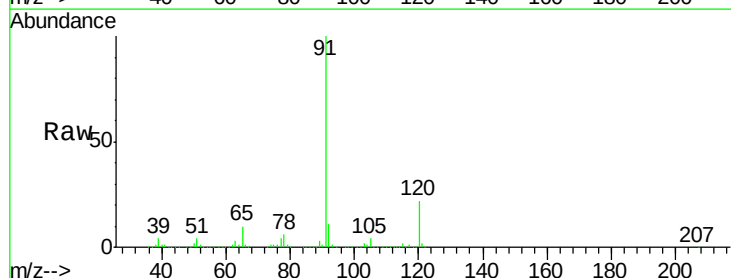
Acq: 01 Oct 2020 12:47

Tgt Ion: 91 Resp: 1387521

Ion Ratio Lower Upper

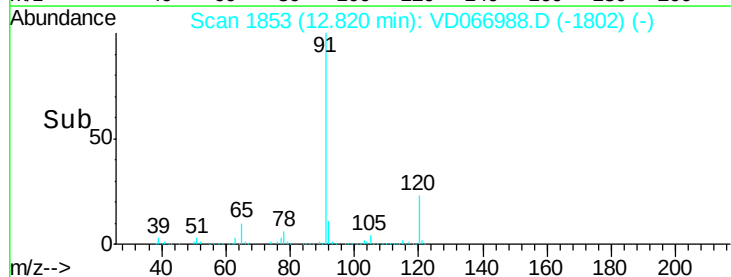
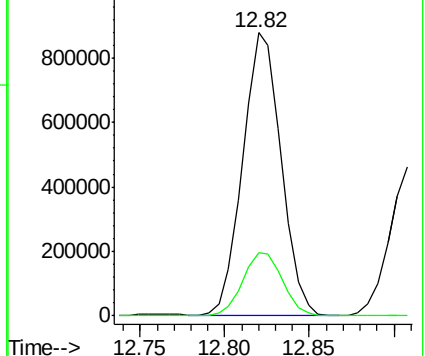
91 100

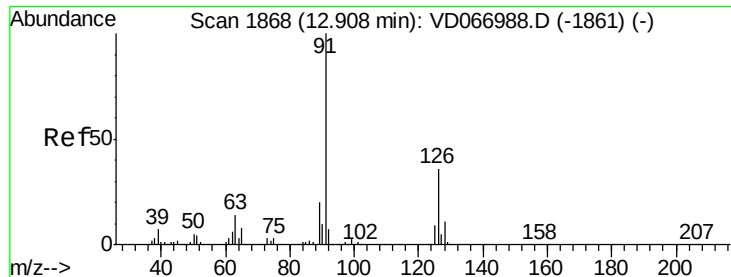
120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.248 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

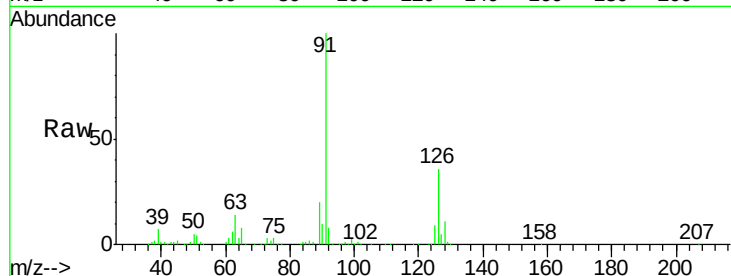
VSTDICCC050

Tgt Ion: 91 Resp: 771975

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066988.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066988.D (-1861) (-)

600000

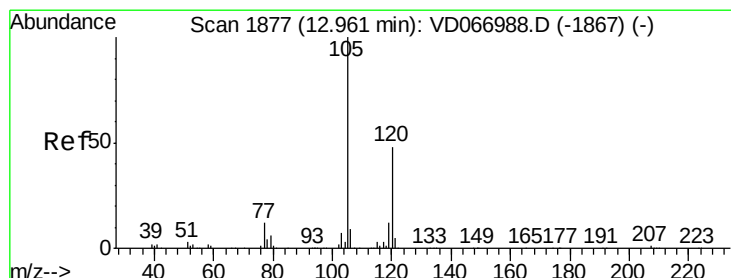
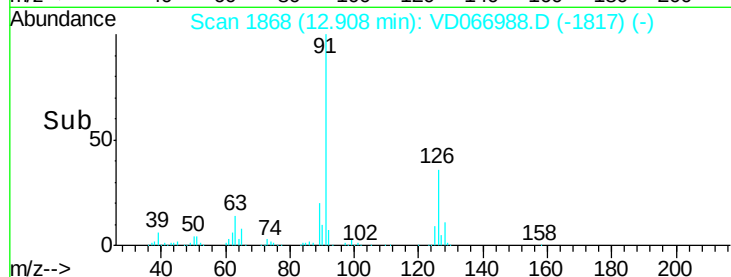
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.146 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066988.D

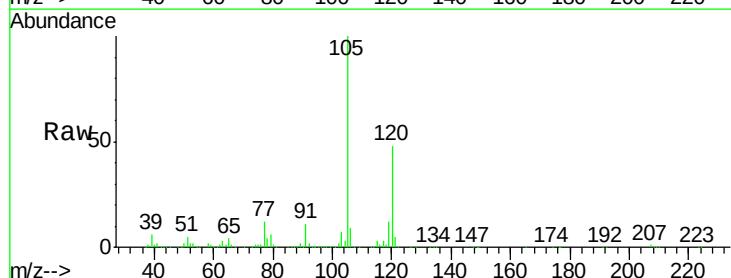
Acq: 01 Oct 2020 12:47

Tgt Ion: 105 Resp: 999620

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VD066988.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD066988.D (-1867) (-)

600000

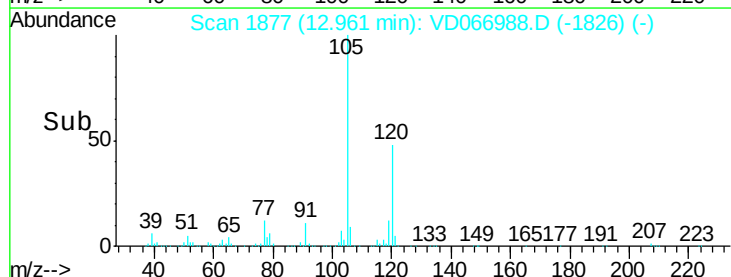
400000

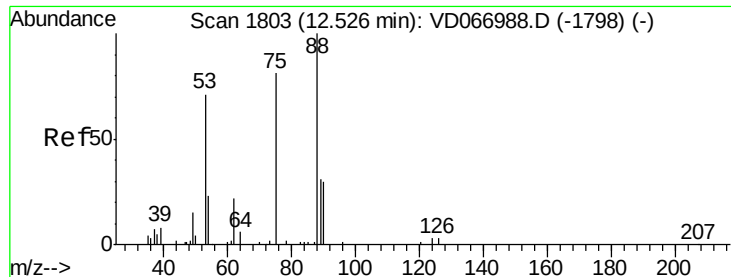
200000

0

12.90 12.96 13.00 13.10

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.049 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

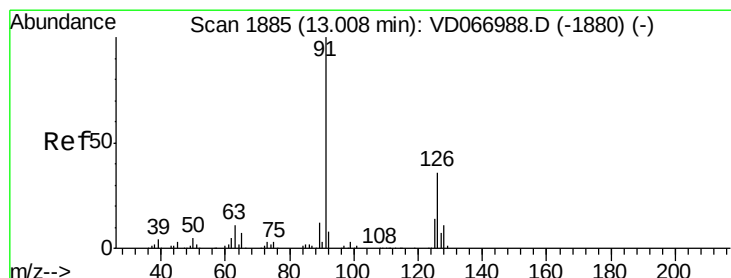
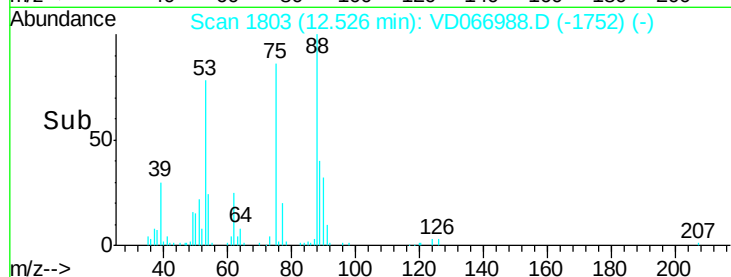
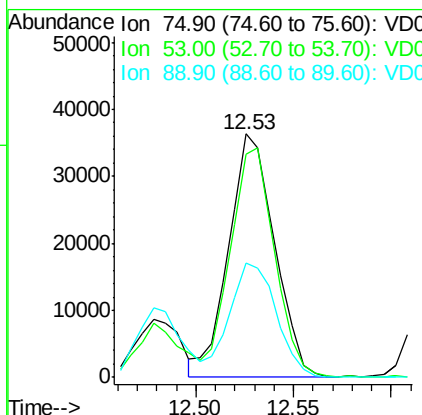
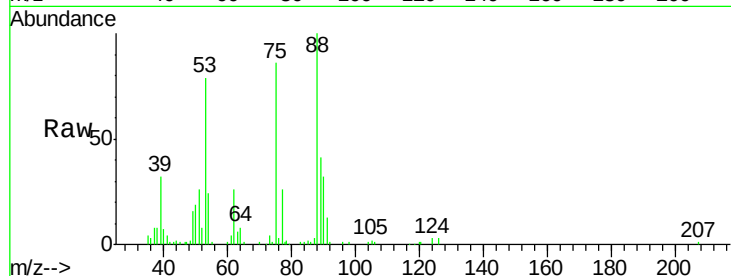
Tgt Ion: 75 Resp: 58519

Ion Ratio Lower Upper

75 100

53 92.2 73.8 110.6

89 48.6 38.9 58.3



#82

4-Chlorotoluene

Concen: 51.632 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066988.D

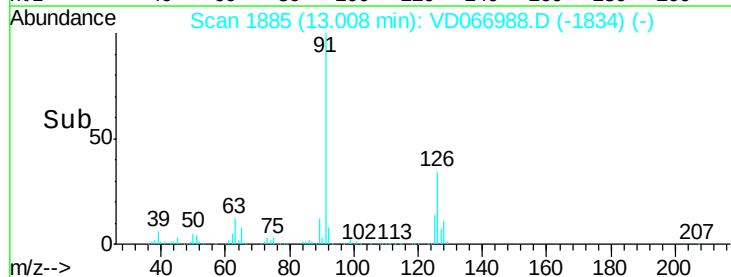
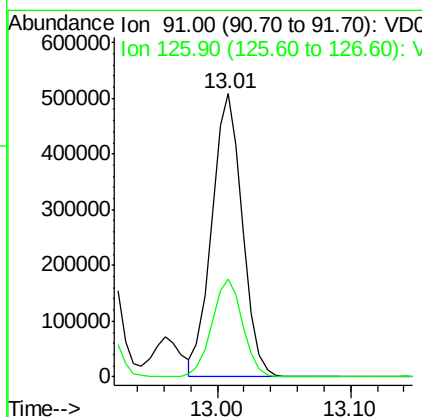
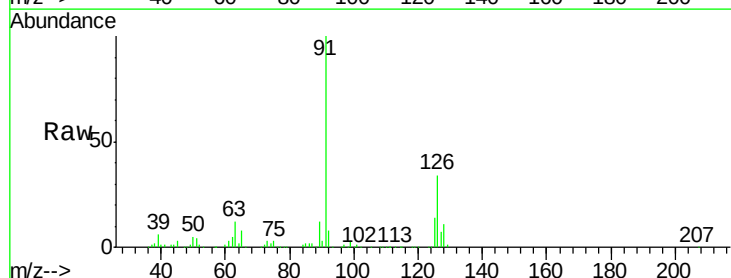
Acq: 01 Oct 2020 12:47

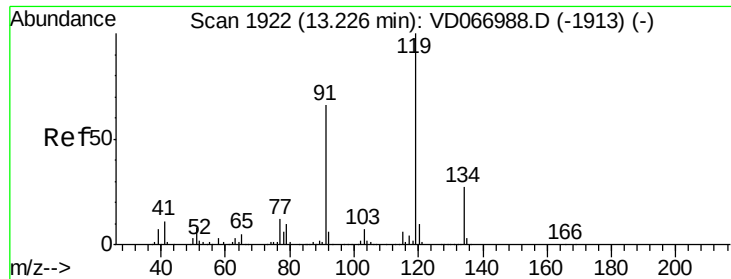
Tgt Ion: 91 Resp: 811658

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5

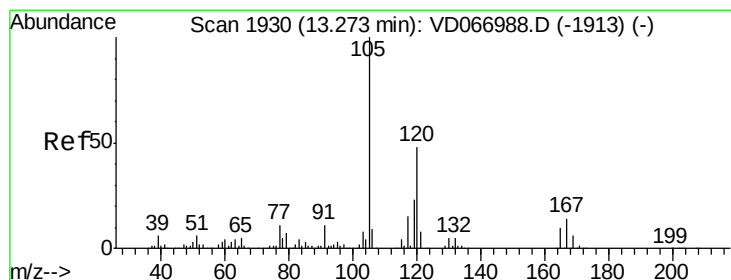
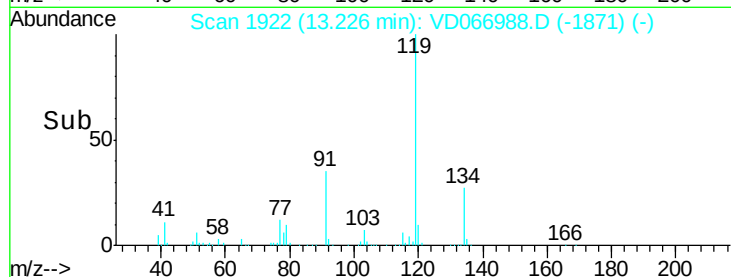
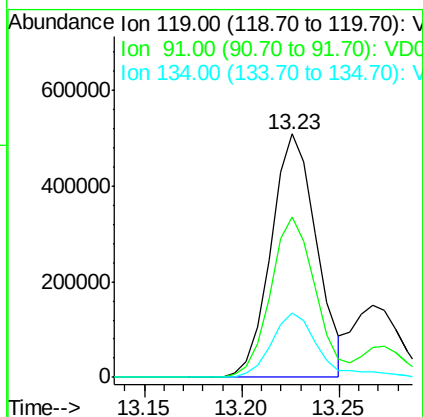
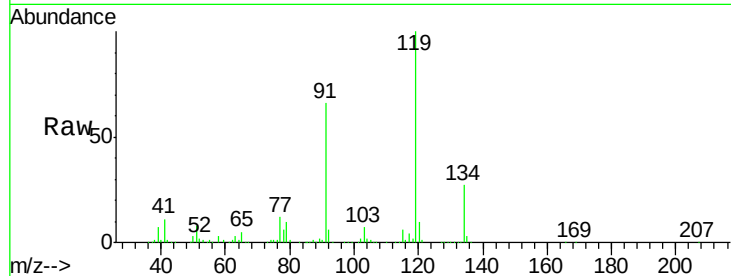




#83
 tert-Butylbenzene
 Concen: 52.813 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

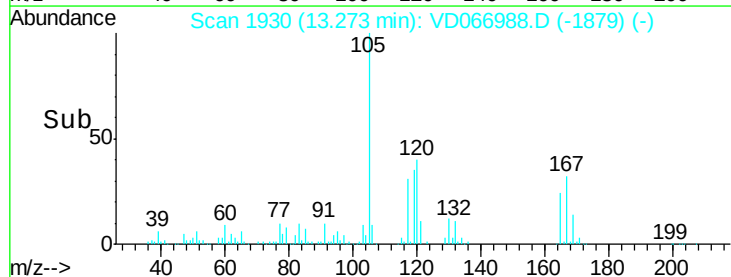
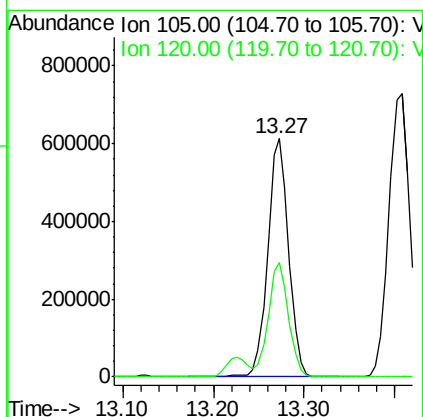
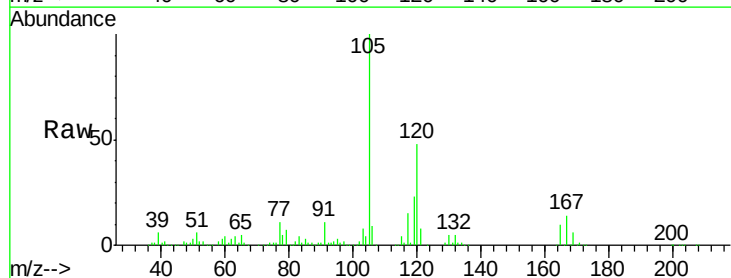
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

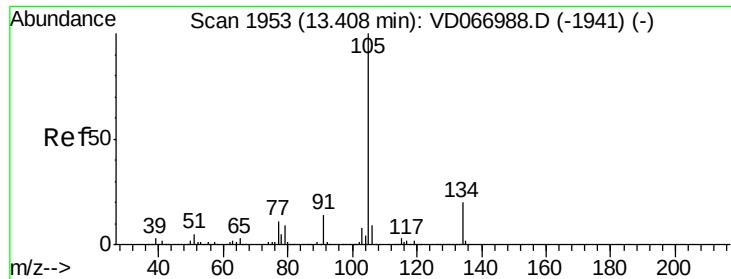
Tgt Ion:119 Resp: 821054
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.8 98.3
 134 27.8 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 53.192 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion:105 Resp: 980017
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8





#85

sec-Butylbenzene

Concen: 53.540 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

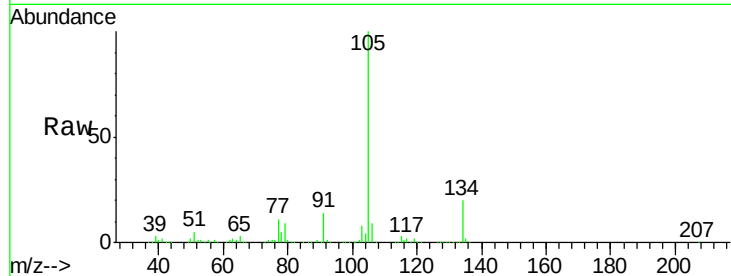
VSTDICCC050

Tgt Ion:105 Resp: 1172177

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

200000

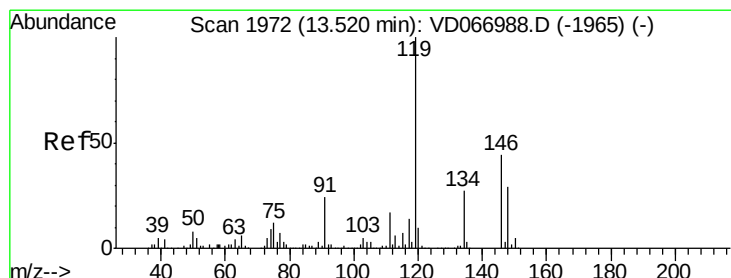
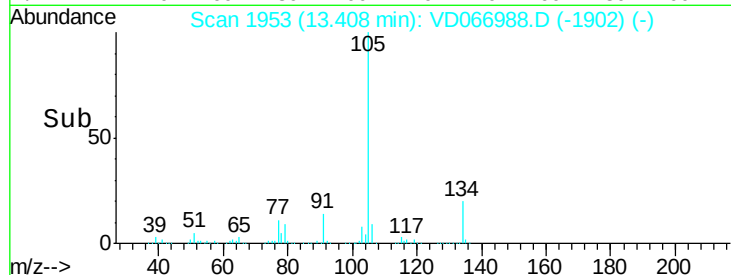
0

13.30

13.40

13.41

Time-->



#86

p-Isopropyltoluene

Concen: 53.389 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

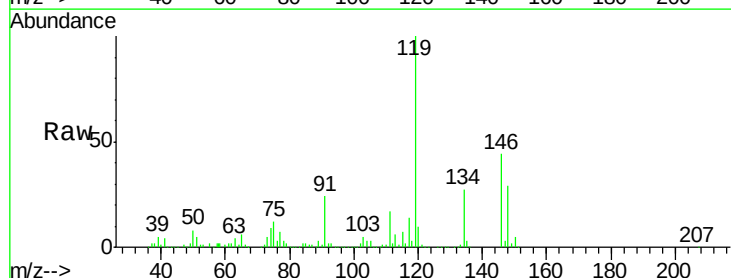
Tgt Ion:119 Resp: 1083669

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

600000

400000

200000

0

13.45

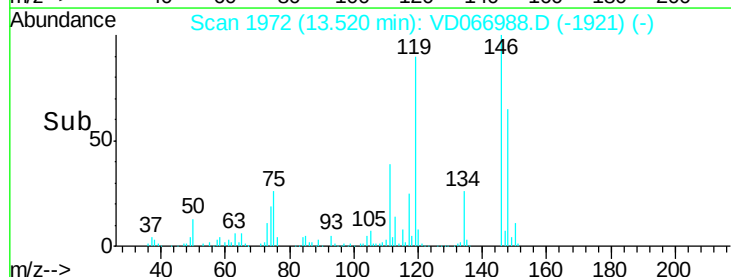
13.50

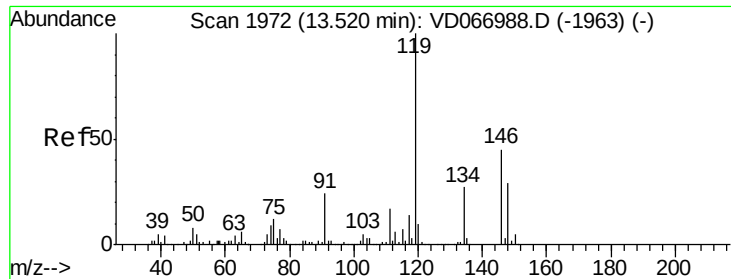
13.52

13.55

13.60

Time-->

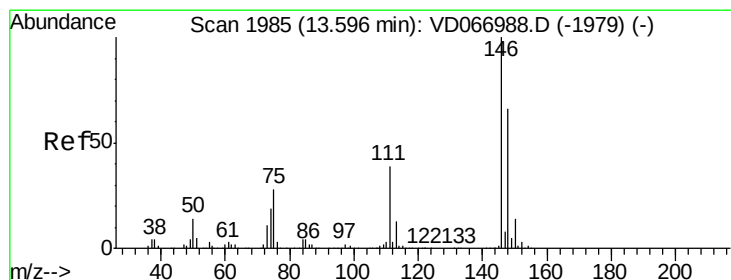
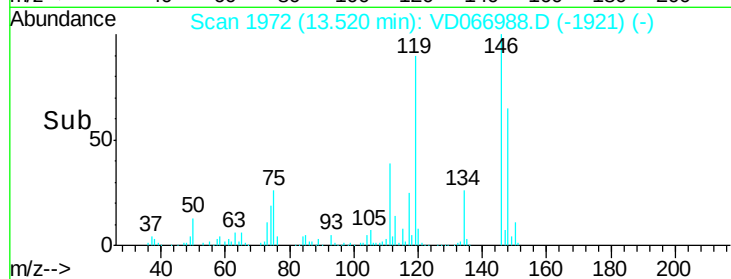
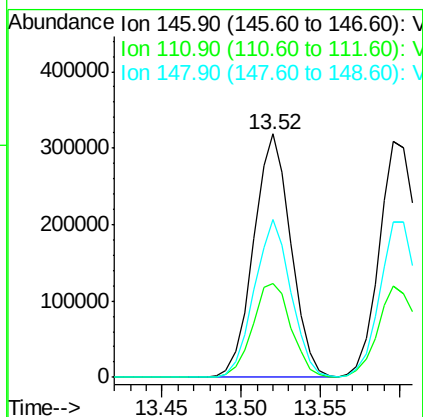
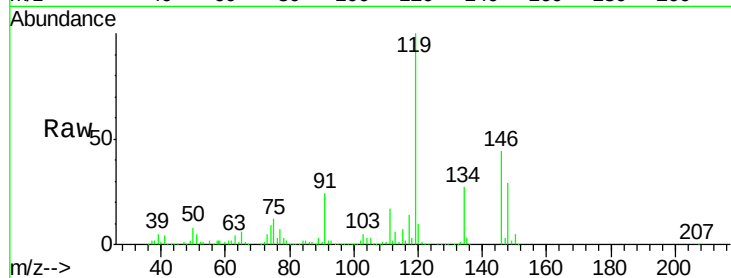




#87
 1,3-Dichlorobenzene
 Concen: 50.568 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

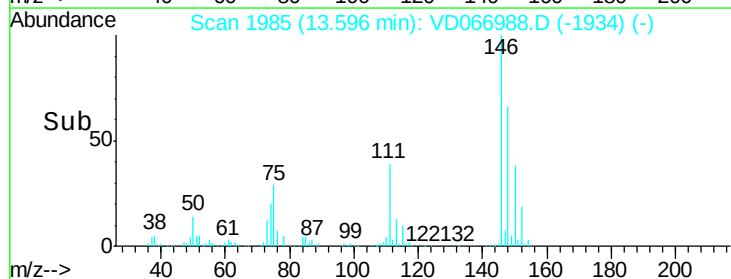
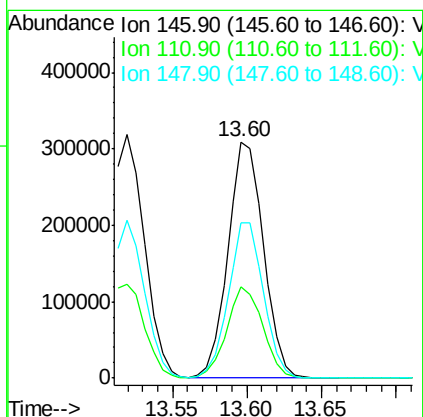
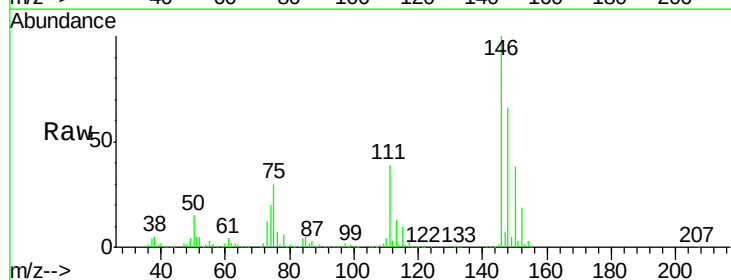
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

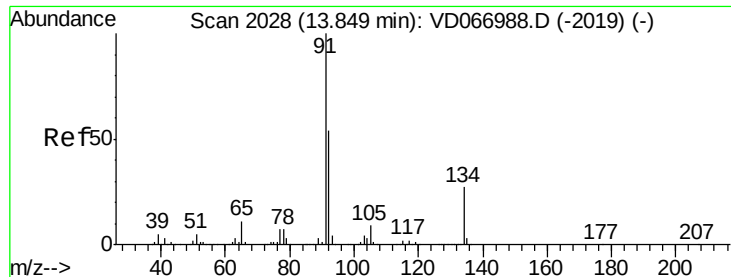
Tgt Ion:146 Resp: 519698
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 50.077 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion:146 Resp: 514599
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 65.1 32.6 97.7

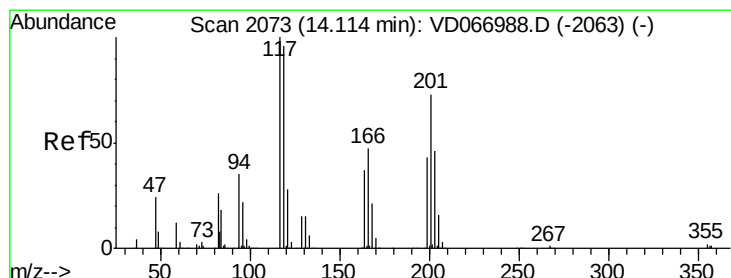
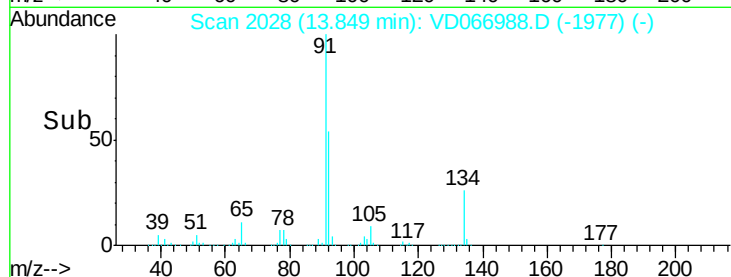
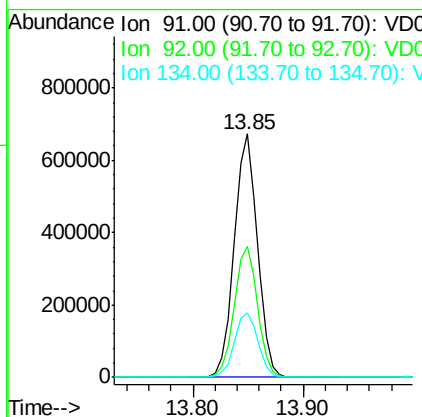
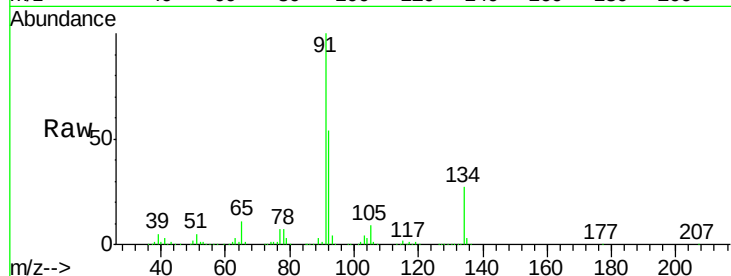




#89
n-Butylbenzene
Concen: 53.552 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

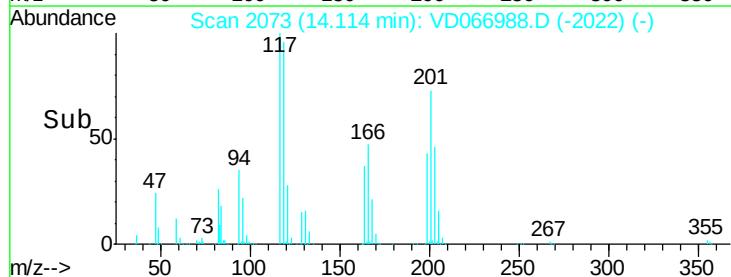
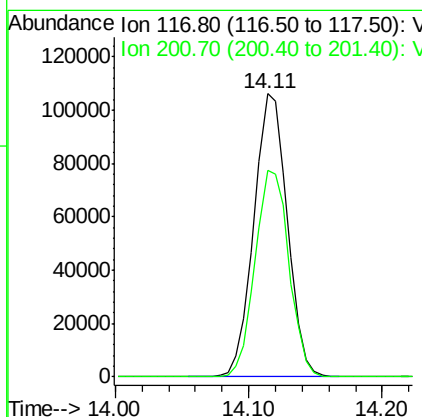
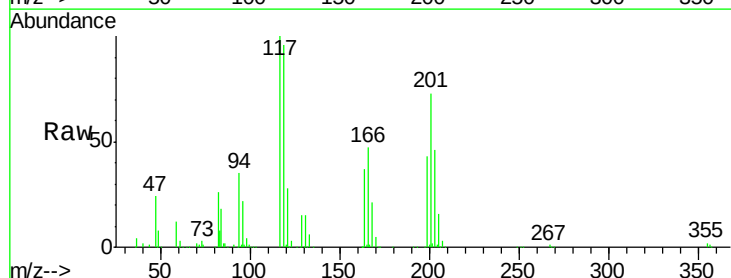
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

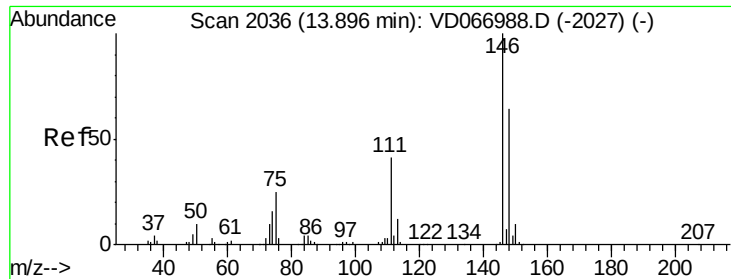
Tgt Ion: 91 Resp: 993401
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 27.2 13.6 40.8



#90
Hexachloroethane
Concen: 51.536 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066988.D
Acq: 01 Oct 2020 12:47

Tgt Ion: 117 Resp: 183236
Ion Ratio Lower Upper
117 100
201 73.9 37.0 110.9

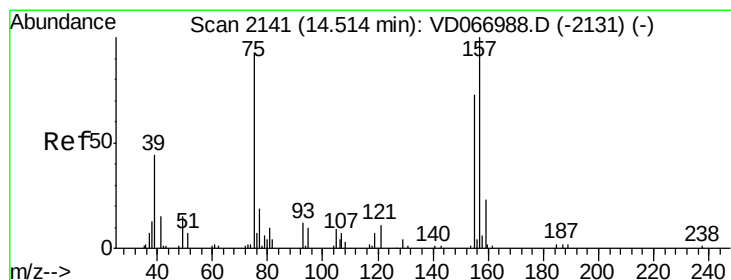
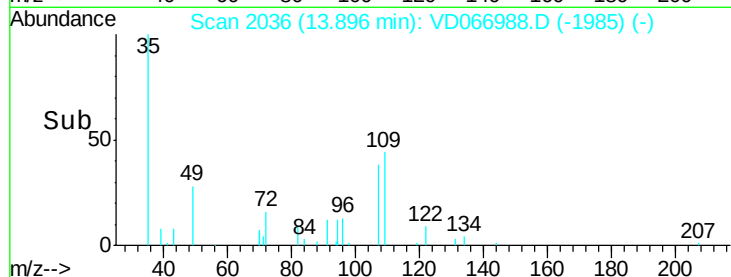
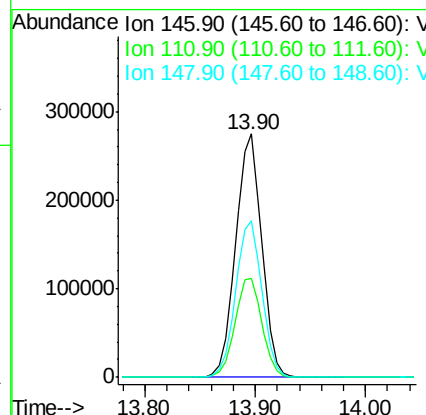
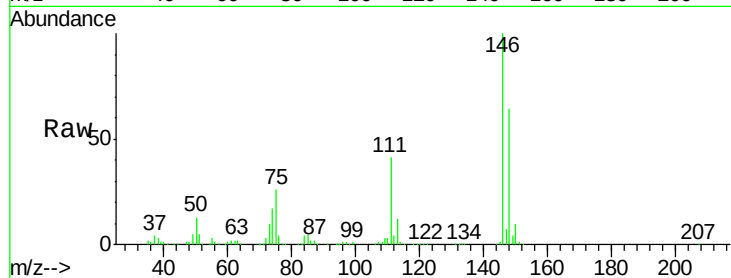




#91
 1,2-Dichlorobenzene
 Concen: 50.770 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

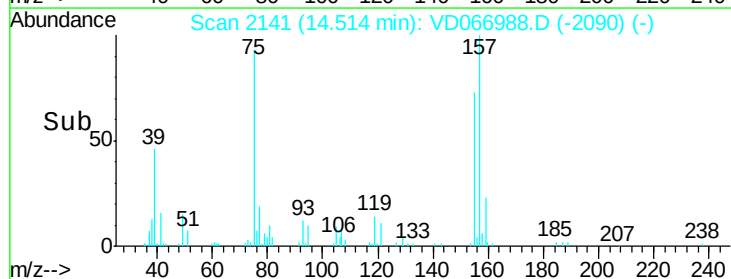
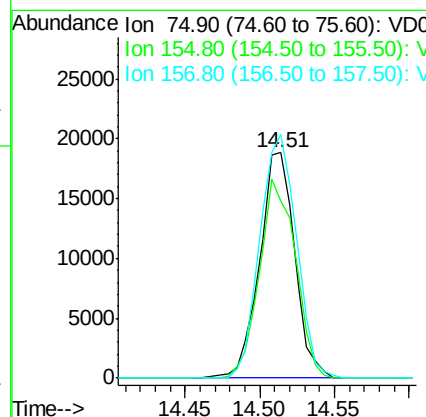
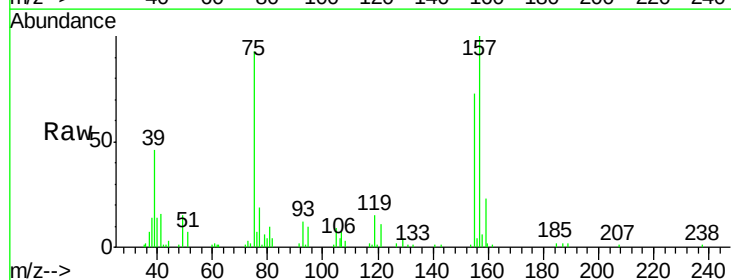
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

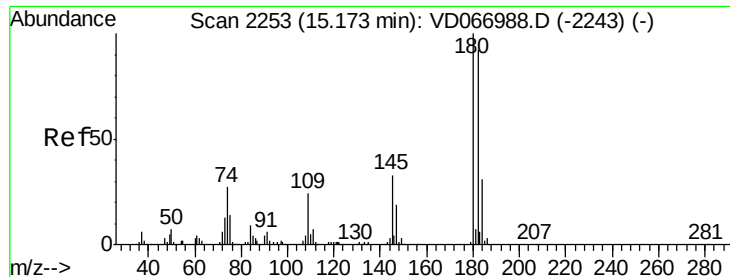
Tgt Ion:146 Resp: 455685
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 64.6 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.527 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion: 75 Resp: 30580
 Ion Ratio Lower Upper
 75 100
 155 90.4 45.2 135.6
 157 112.5 56.3 168.8

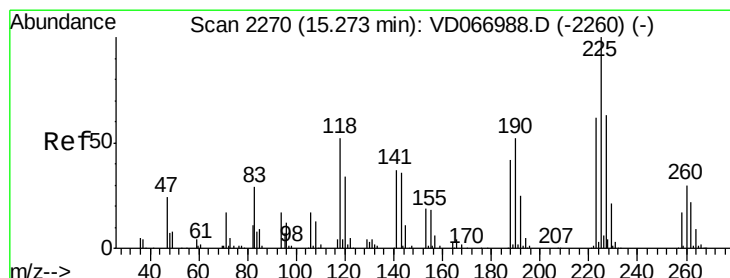
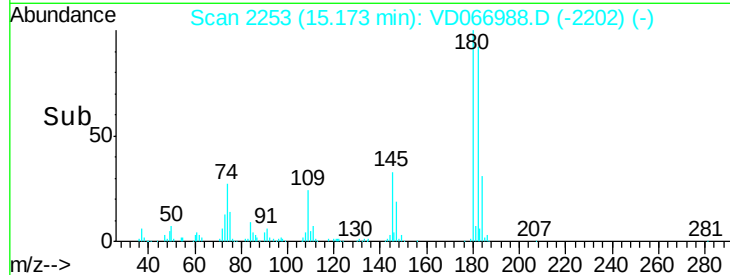
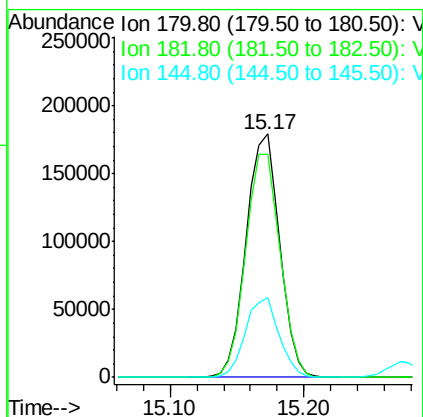
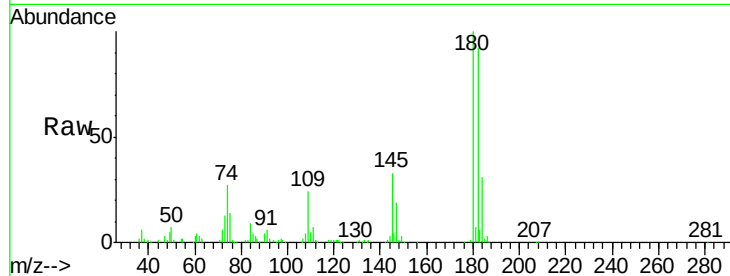




#93
 1,2,4-Trichlorobenzene
 Concen: 53.400 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

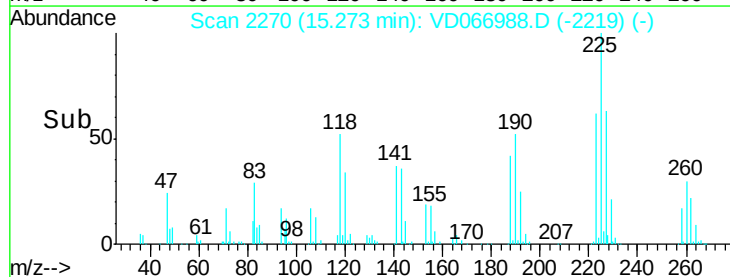
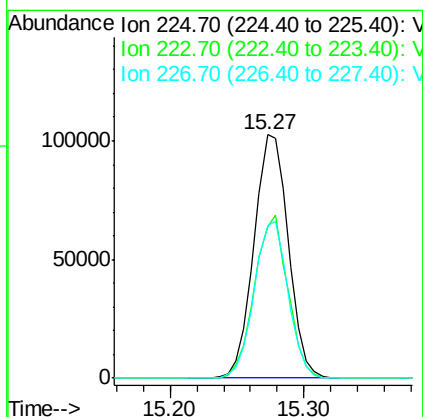
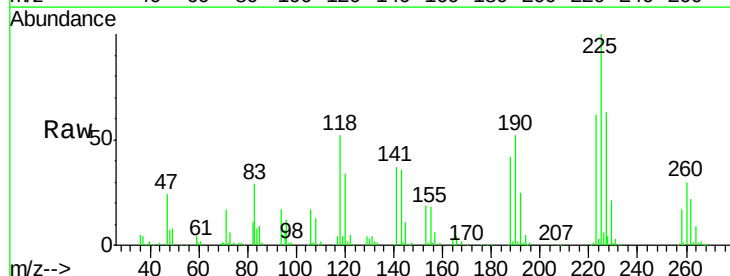
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

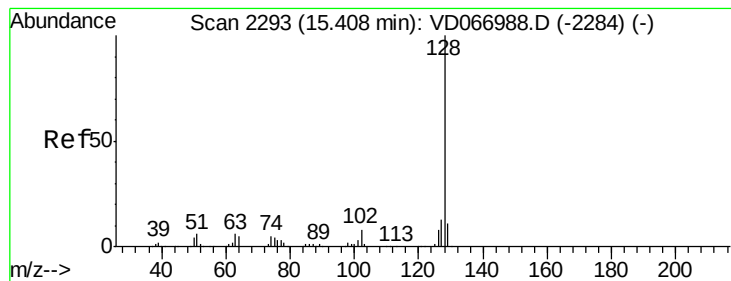
Tgt Ion:180 Resp: 310023
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 32.7 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 51.166 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066988.D
 Acq: 01 Oct 2020 12:47

Tgt Ion:225 Resp: 182430
 Ion Ratio Lower Upper
 225 100
 223 64.7 32.4 97.0
 227 63.3 31.6 95.0





#95

Naphthalene

Concen: 55.986 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

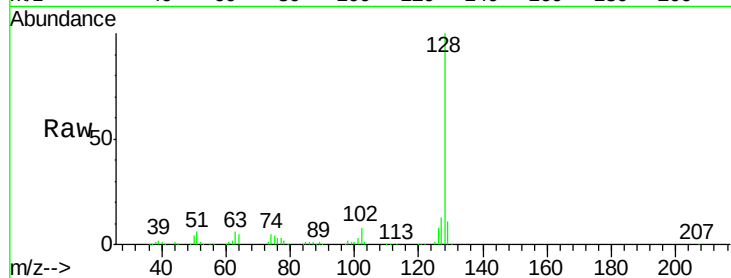
Tgt Ion:128 Resp: 542146

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

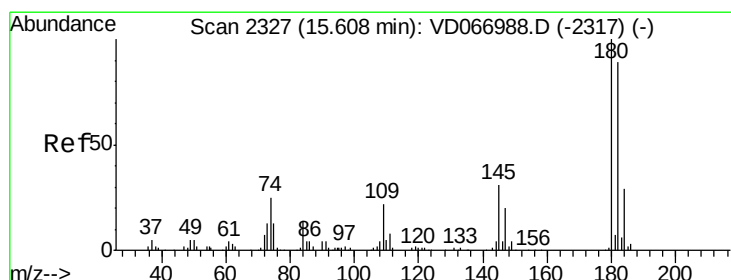
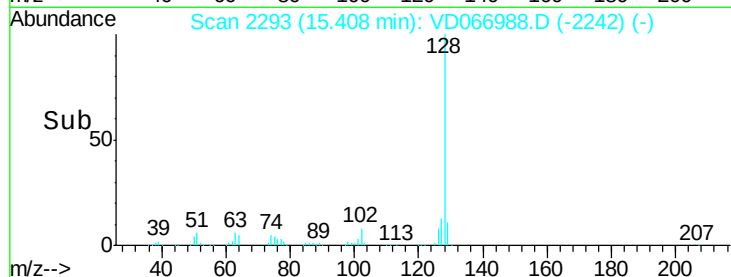
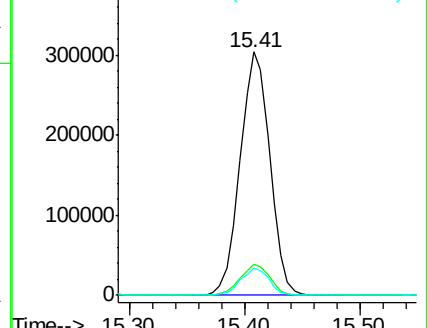
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.154 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 12:47

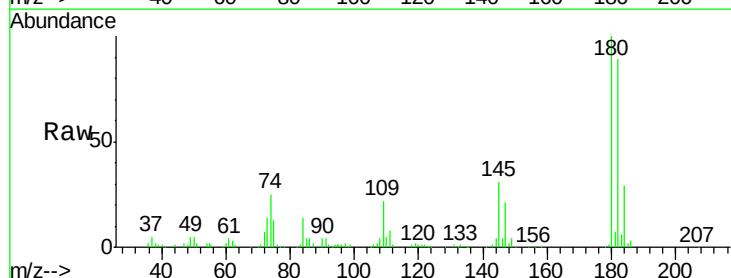
Tgt Ion:180 Resp: 272927

Ion Ratio Lower Upper

180 100

182 92.7 46.4 139.1

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

