

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100120\
 Data File : VD066987.D
 Acq On : 01 Oct 2020 12:20
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 01 15:05:41 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	458188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	718203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	651054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	317414	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	91401	20.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.42%	
35) Dibromofluoromethane	7.91	113	99780	21.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.44%	
50) Toluene-d8	10.34	98	356408	20.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.60%	
62) 4-Bromofluorobenzene	12.63	95	119952	20.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	96446	23.182	ug/l	91
3) Chloromethane	2.21	50	80129	21.960	ug/l	99
4) Vinyl Chloride	2.35	62	75233	20.562	ug/l	98
5) Bromomethane	2.76	94	55543	20.828	ug/l	99
6) Chloroethane	2.92	64	47224	21.194	ug/l	91
7) Trichlorofluoromethane	3.27	101	166723	20.510	ug/l	99
8) Diethyl Ether	3.71	74	42152	20.911	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	96139	20.924	ug/l	100
10) Methyl Iodide	4.30	142	88037	19.720	ug/l	100
11) Tert butyl alcohol	5.21	59	38047	101.276	ug/l #	86
12) 1,1-Dichloroethene	4.07	96	89873	20.808	ug/l	95
13) Acrolein	3.92	56	31291	105.888	ug/l	98
14) Allyl chloride	4.72	41	115699	20.620	ug/l	99
15) Acrylonitrile	5.42	53	77914	105.020	ug/l	94
16) Acetone	4.16	43	67000	99.453	ug/l	100
17) Carbon Disulfide	4.41	76	278452	21.007	ug/l	100
18) Methyl Acetate	4.72	43	35055	20.703	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	161884	20.531	ug/l	99
20) Methylene Chloride	4.97	84	121209	19.737	ug/l	98
21) trans-1,2-Dichloroethene	5.48	96	103193	20.994	ug/l	97
22) Diisopropyl ether	6.36	45	218291	21.310	ug/l	96
23) Vinyl Acetate	6.31	43	598433	103.093	ug/l	100
24) 1,1-Dichloroethane	6.27	63	167009	21.125	ug/l	98
25) 2-Butanone	7.21	43	98584	103.215	ug/l	99
26) 2,2-Dichloropropane	7.21	77	156681	20.656	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	108184	20.608	ug/l	96
28) Bromochloromethane	7.54	49	62330	20.416	ug/l	98
29) Tetrahydrofuran	7.56	42	55809	101.620	ug/l	99
30) Chloroform	7.71	83	180693	21.070	ug/l	95
31) Cyclohexane	7.98	56	136993	20.669	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	168807	21.239	ug/l	97
36) 1,1-Dichloropropene	8.11	75	136974	20.461	ug/l	99
37) Ethyl Acetate	7.29	43	47467	20.468	ug/l	98
38) Carbon Tetrachloride	8.10	117	152829	21.099	ug/l	96

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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)
39) Methylcyclohexane	9.35	83	140572	19.861	ug/l	96
40) Benzene	8.35	78	389669	20.956	ug/l	99
41) Methacrylonitrile	7.53	41	26750	21.350	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	108148	20.814	ug/l	97
43) Isopropyl Acetate	8.45	43	85698	20.059	ug/l	98
44) Trichloroethene	9.11	130	116621	21.004	ug/l	99
45) 1,2-Dichloropropane	9.38	63	91312	20.900	ug/l	92
46) Dibromomethane	9.47	93	52245	20.806	ug/l	97
47) Bromodichloromethane	9.66	83	135474	20.755	ug/l	99
48) Methyl methacrylate	9.46	41	41449	18.937	ug/l	87
49) 1,4-Dioxane	9.47	88	11028	420.799	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	221791	104.223	ug/l	98
52) Toluene	10.40	92	251558	21.002	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	121075	20.754	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	151316	21.242	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	74136	21.236	ug/l	97
56) Ethyl methacrylate	10.66	69	73864	20.493	ug/l	96
57) 1,3-Dichloropropane	10.94	76	116993	20.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	210861	105.108	ug/l	99
59) 2-Hexanone	10.98	43	150068	105.656	ug/l	100
60) Dibromochloromethane	11.14	129	96775	20.798	ug/l	97
61) 1,2-Dibromoethane	11.25	107	69681	20.776	ug/l	93
64) Tetrachloroethene	10.87	164	100483	21.230	ug/l	90
65) Chlorobenzene	11.67	112	276182	21.329	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	103978	21.110	ug/l	100
67) Ethyl Benzene	11.74	91	463565	20.894	ug/l	97
68) m/p-Xylenes	11.85	106	370666	42.870	ug/l	99
69) o-Xylene	12.18	106	164561	21.283	ug/l	98
70) Styrene	12.20	104	286810	21.602	ug/l	99
71) Bromoform	12.36	173	52487	20.529	ug/l #	100
73) Isopropylbenzene	12.48	105	448119	20.792	ug/l	100
74) N-amyl acetate	12.29	43	80441	20.762	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	75764	20.864	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	97530	36.048	ug/l #	100
77) Bromobenzene	12.76	156	108807	20.907	ug/l	98
78) n-propylbenzene	12.82	91	537406	21.098	ug/l	99
79) 2-Chlorotoluene	12.91	91	309962	21.269	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	384355	21.107	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	22105	19.933	ug/l	99
82) 4-Chlorotoluene	13.01	91	330195	21.295	ug/l	99
83) tert-Butylbenzene	13.23	119	313225	20.426	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	386701	21.279	ug/l	98
85) sec-Butylbenzene	13.40	105	450111	20.844	ug/l	100
86) p-Isopropyltoluene	13.52	119	420263	20.992	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	214077	21.119	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	210093	20.728	ug/l	98
89) n-Butylbenzene	13.85	91	377667	20.641	ug/l	99
90) Hexachloroethane	14.11	117	70015	19.965	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	184818	20.876	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11238	19.198	ug/l	97

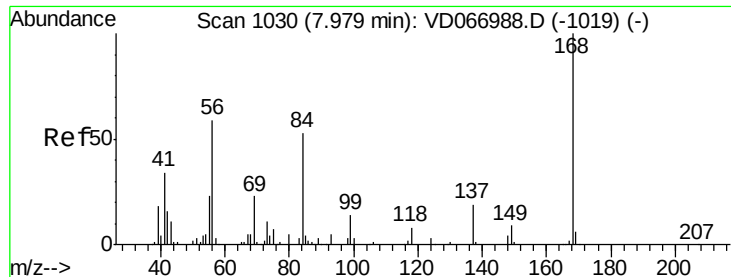
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD100120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	116801	20.397	ug/l	96
94) Hexachlorobutadiene	15.28	225	68832	19.572	ug/l	96
95) Naphthalene	15.41	128	185625	19.434	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	101143	20.347	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

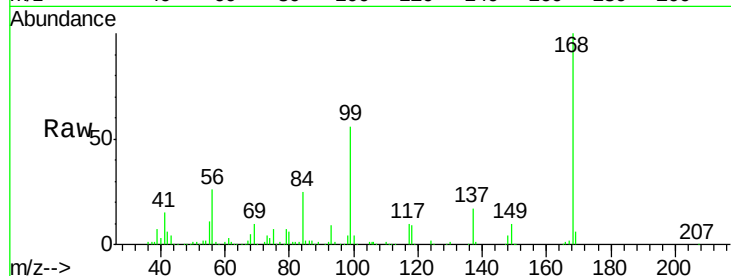
VSTDIC020

Tgt Ion:168 Resp: 458188

Ion Ratio Lower Upper

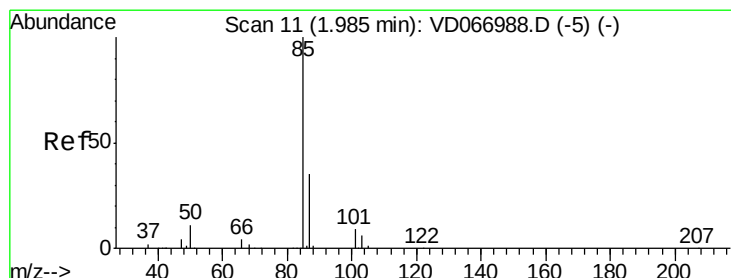
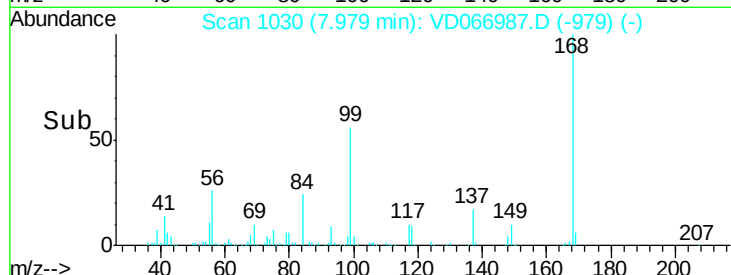
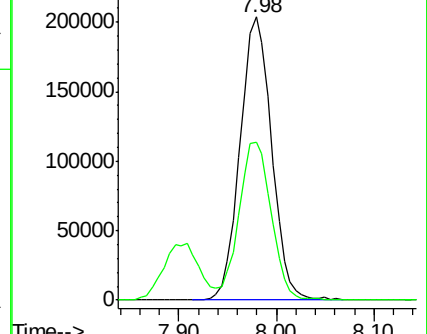
168 100

99 55.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 23.182 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066987.D

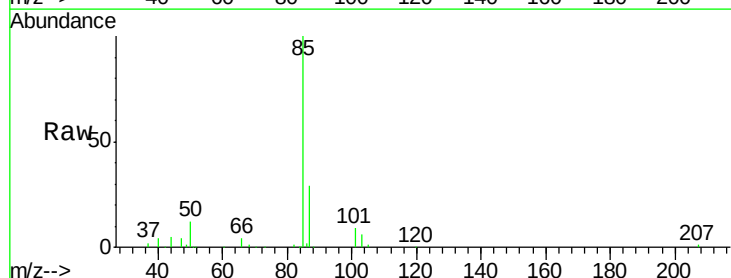
Acq: 01 Oct 2020 12:20

Tgt Ion: 85 Resp: 96446

Ion Ratio Lower Upper

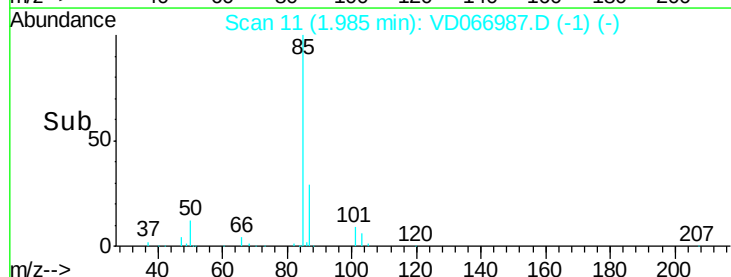
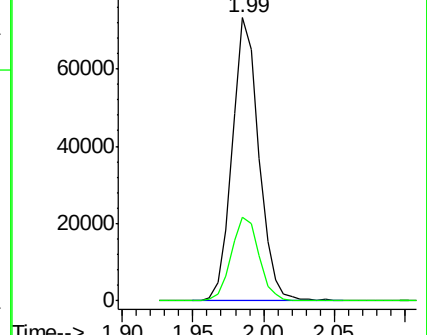
85 100

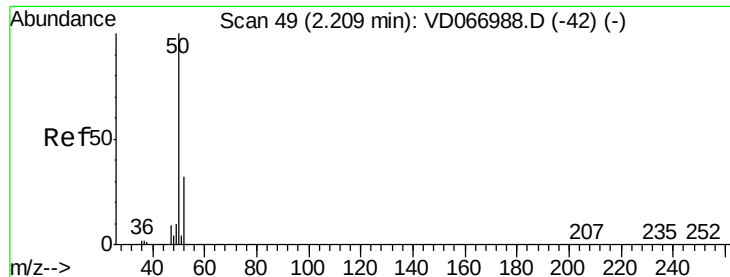
87 29.4 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.960 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

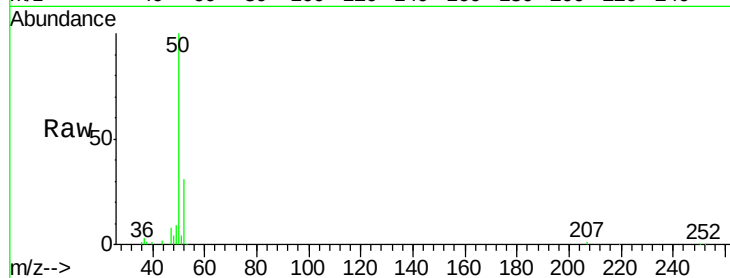
VSTDIC020

Tgt Ion: 50 Resp: 80129

Ion Ratio Lower Upper

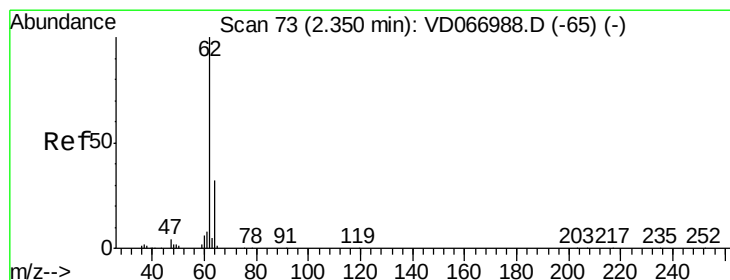
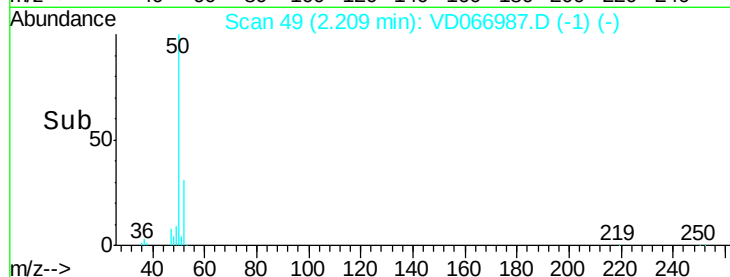
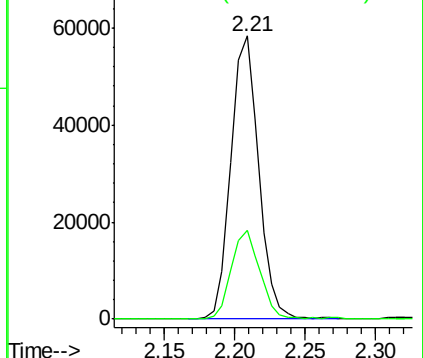
50 100

52 31.2 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: 20.562 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066987.D

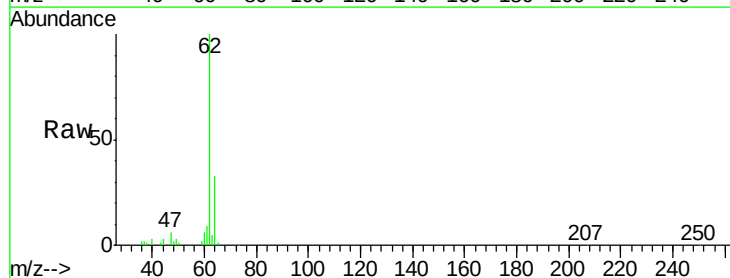
Acq: 01 Oct 2020 12:20

Tgt Ion: 62 Resp: 75233

Ion Ratio Lower Upper

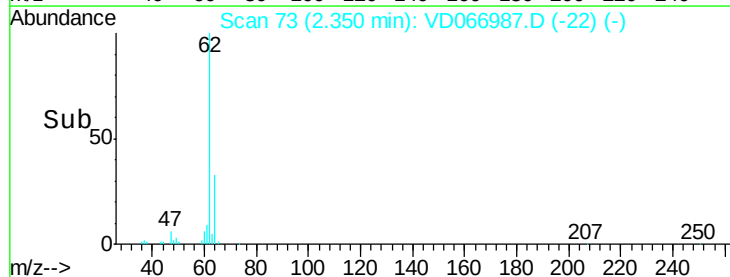
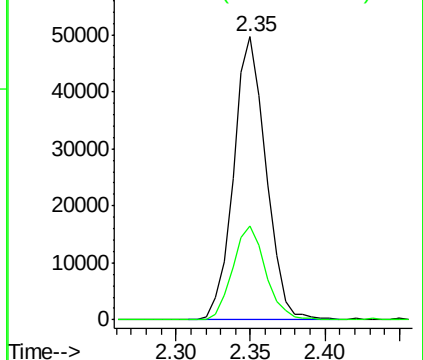
62 100

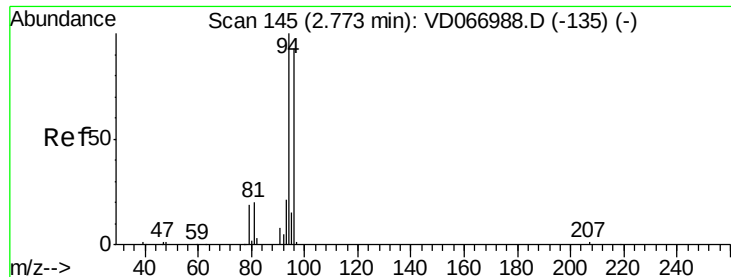
64 33.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.828 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

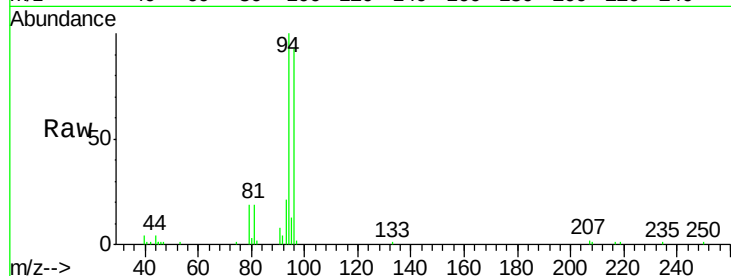
VSTDIC020

Tgt Ion: 94 Resp: 55543

Ion Ratio Lower Upper

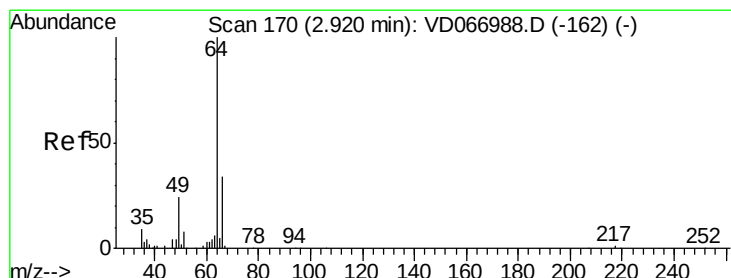
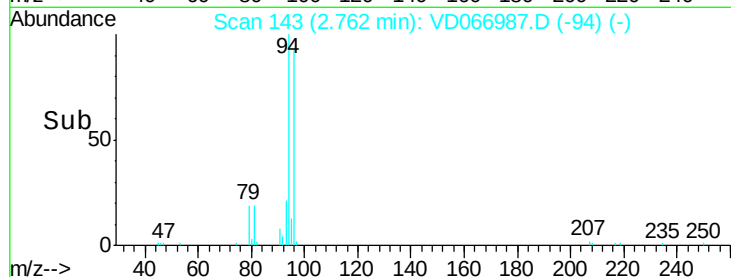
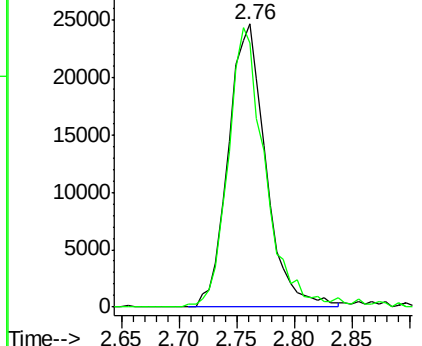
94 100

96 92.2 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: 21.194 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066987.D

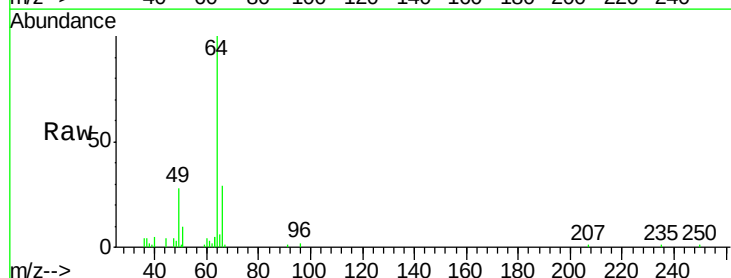
Acq: 01 Oct 2020 12:20

Tgt Ion: 64 Resp: 47224

Ion Ratio Lower Upper

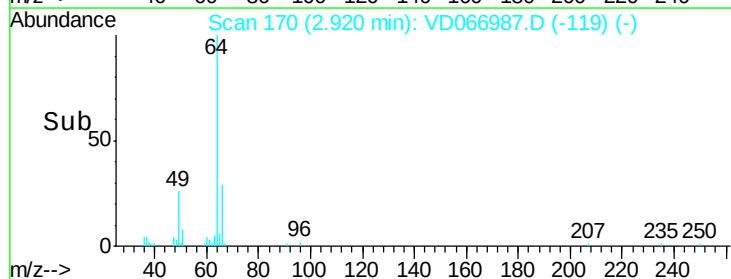
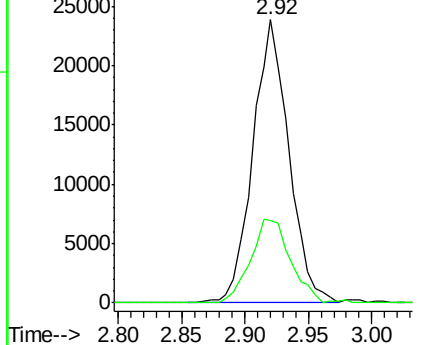
64 100

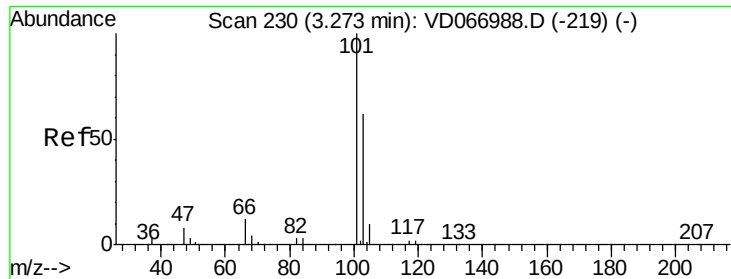
66 28.9 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



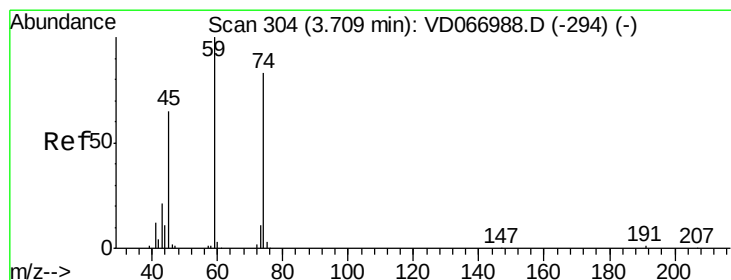
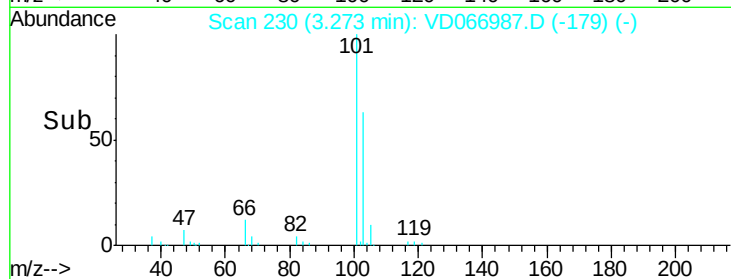
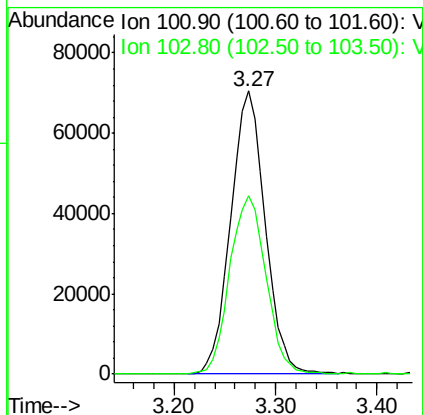
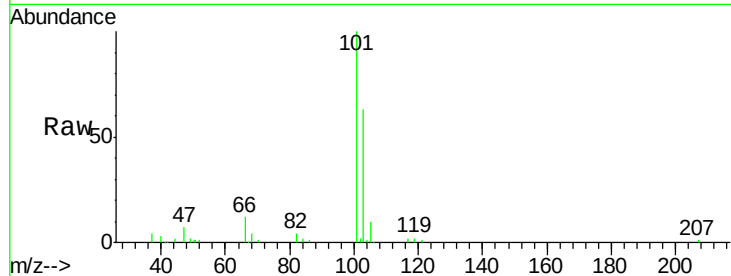


#7

Trichlorofluoromethane
 Concen: 20.510 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

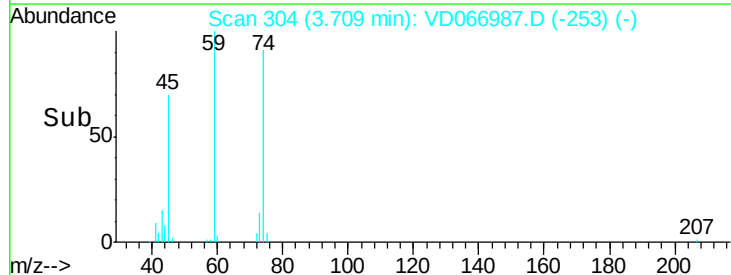
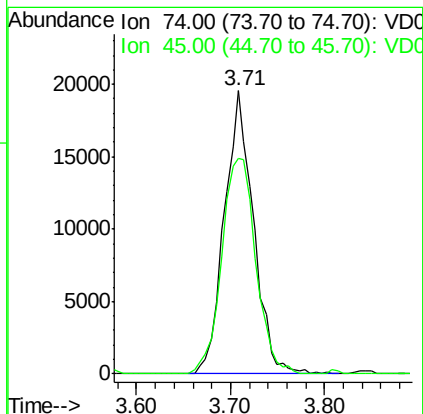
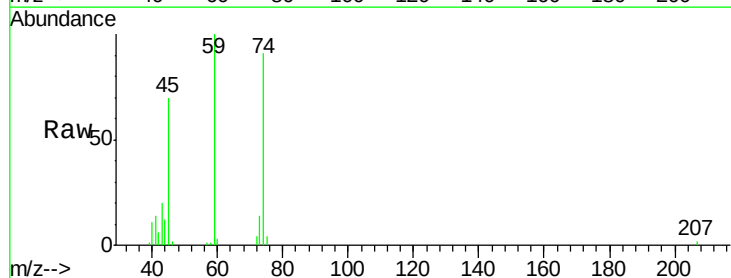
Tgt Ion:101 Resp: 166723
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.8 74.8

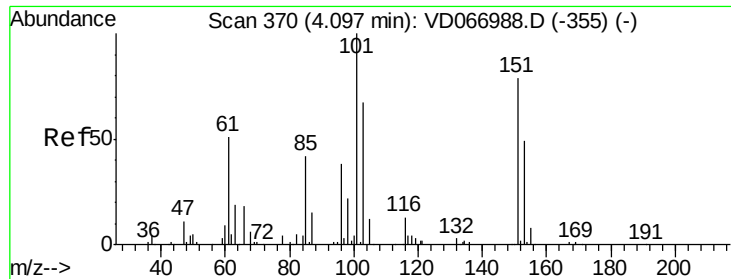


#8

Diethyl Ether
 Concen: 20.911 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Tgt Ion: 74 Resp: 42152
 Ion Ratio Lower Upper
 74 100
 45 88.8 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.924 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

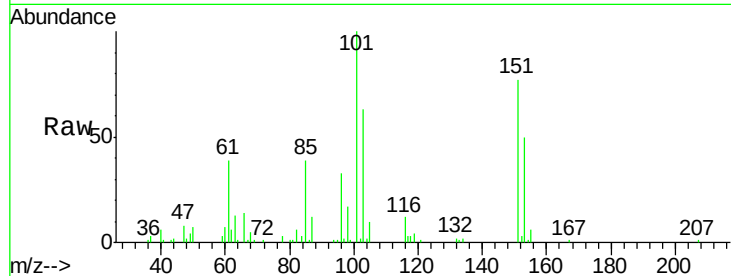
Tgt Ion:101 Resp: 96139

Ion Ratio Lower Upper

101 100

85 42.5 33.8 50.8

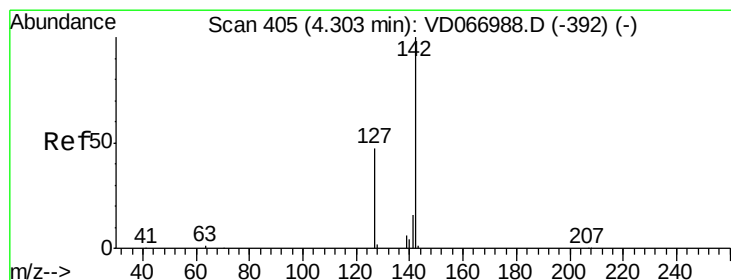
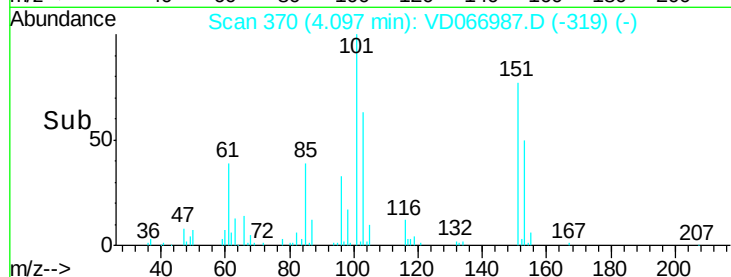
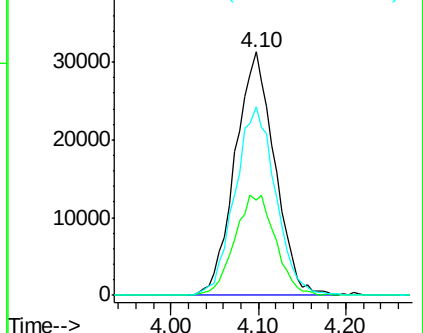
151 79.4 63.8 95.8



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: 19.720 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

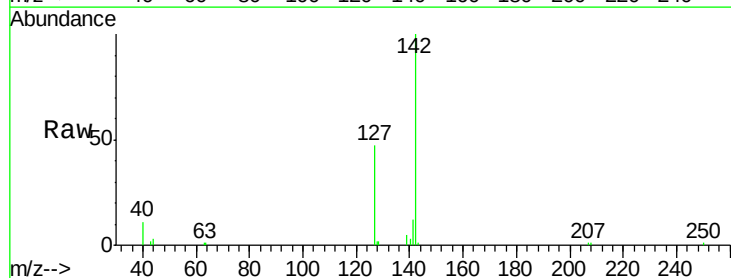
Tgt Ion:142 Resp: 88037

Ion Ratio Lower Upper

142 100

127 45.5 36.3 54.5

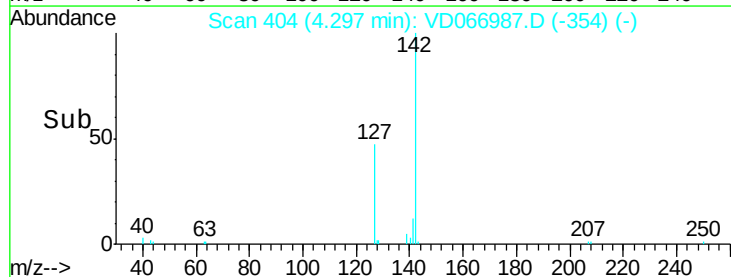
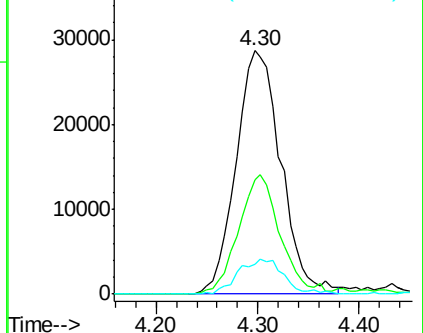
141 14.6 12.0 18.0

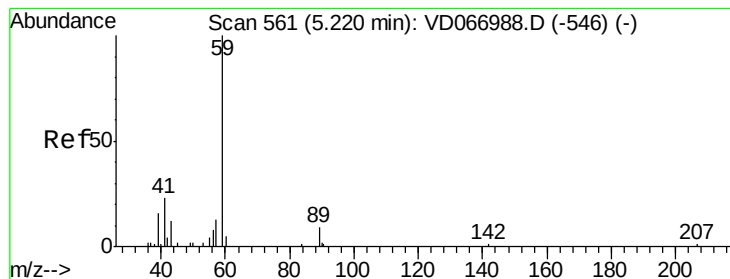


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 101.276 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

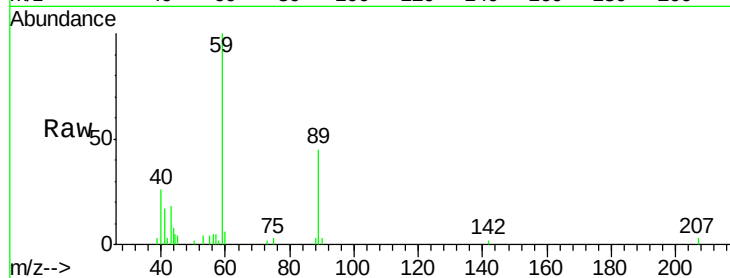
VSTDIC020

Tgt Ion: 59 Resp: 38047

Ion Ratio Lower Upper

59 100

57 4.9 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

10000

8000

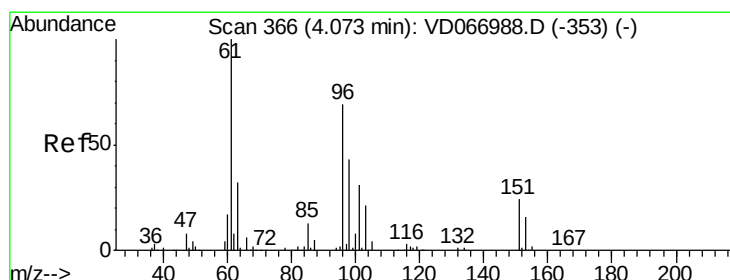
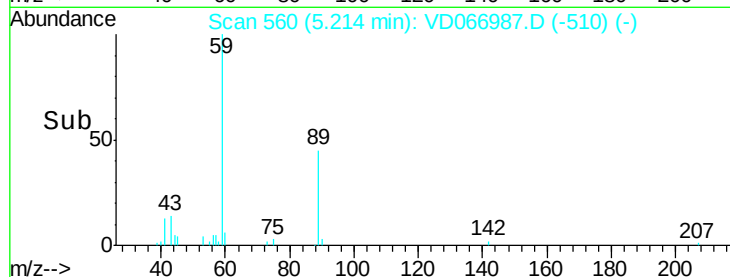
6000

4000

2000

0

Time--> 5.00 5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 20.808 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.01 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

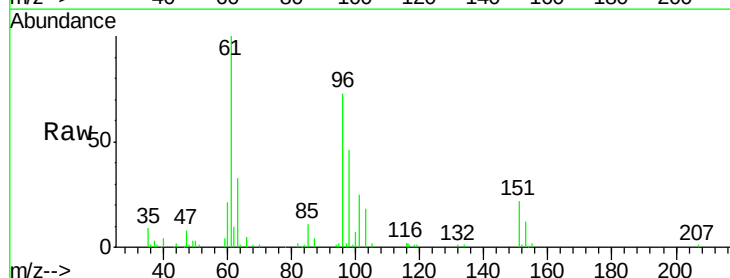
Tgt Ion: 96 Resp: 89873

Ion Ratio Lower Upper

96 100

61 137.9 116.4 174.6

98 63.2 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

4.07

60000

50000

40000

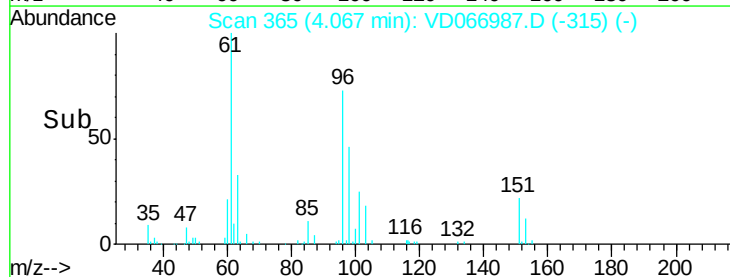
30000

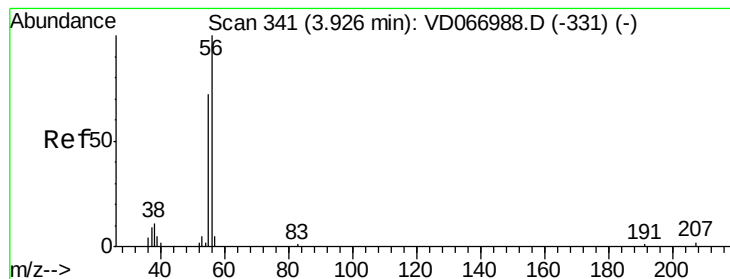
20000

10000

0

Time--> 4.00 4.10





#13

Acrolein

Concen: 105.888 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

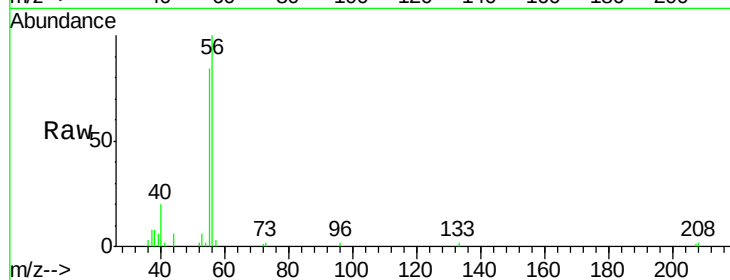
VSTDIC020

Tgt Ion: 56 Resp: 31291

Ion Ratio Lower Upper

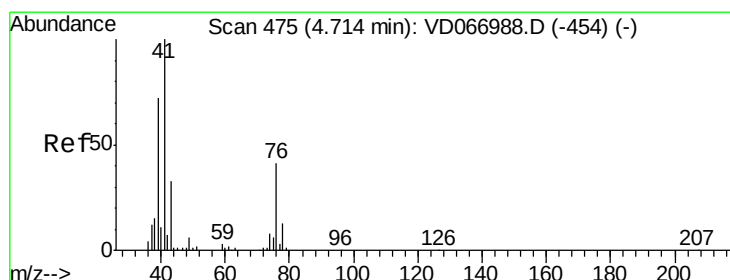
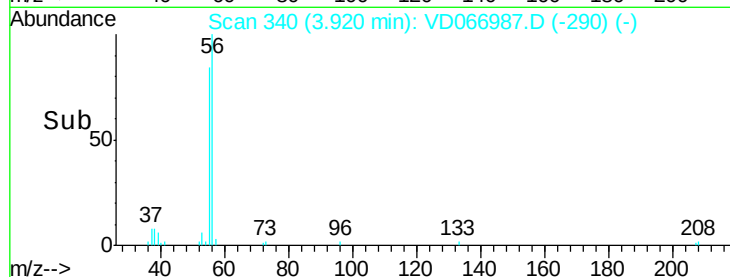
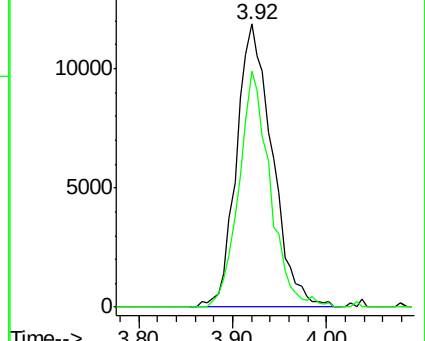
56 100

55 72.8 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: 20.620 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

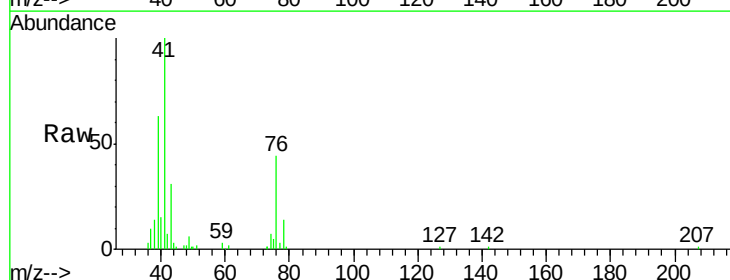
Tgt Ion: 41 Resp: 115699

Ion Ratio Lower Upper

41 100

39 69.4 56.2 84.2

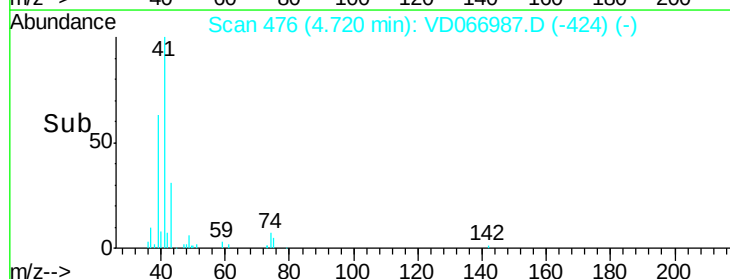
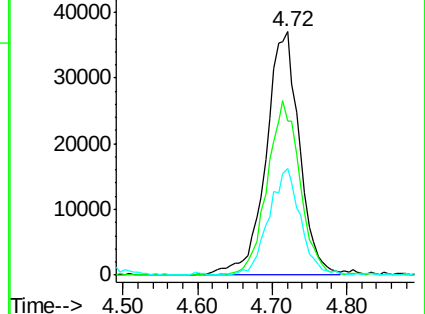
76 41.5 34.2 51.2

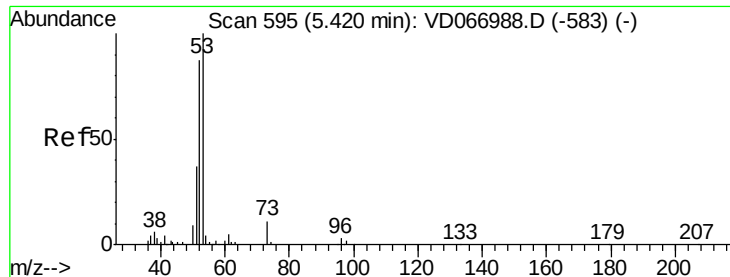


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 105.020 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

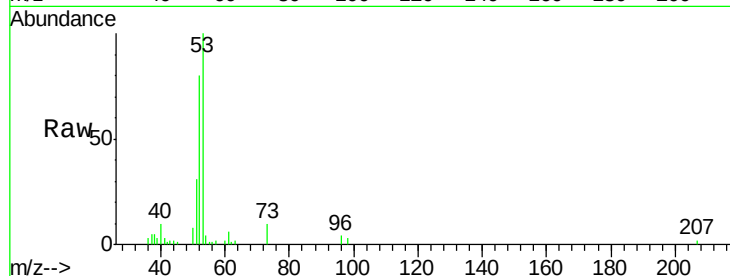
Tgt Ion: 53 Resp: 77914

Ion Ratio Lower Upper

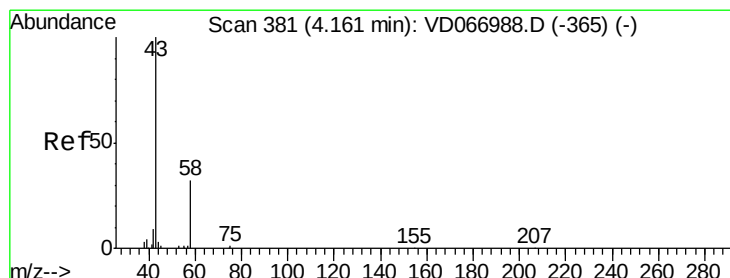
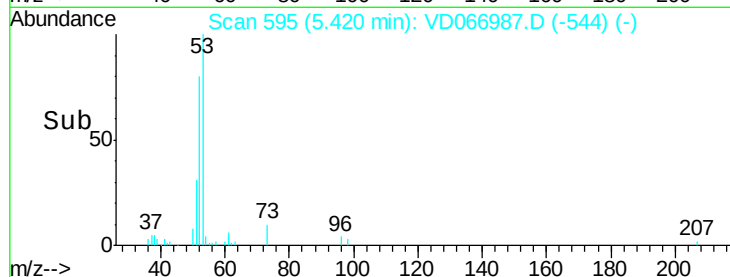
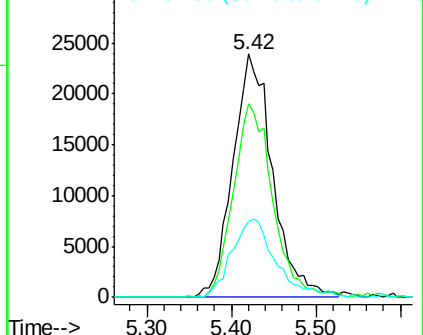
53 100

52 77.9 67.3 100.9

51 35.6 30.2 45.2



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



#16

Acetone

Concen: 99.453 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD066987.D

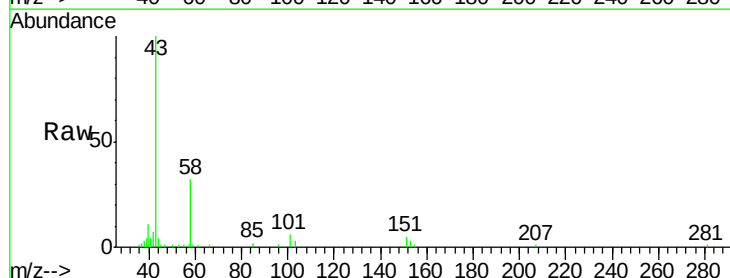
Acq: 01 Oct 2020 12:20

Tgt Ion: 43 Resp: 67000

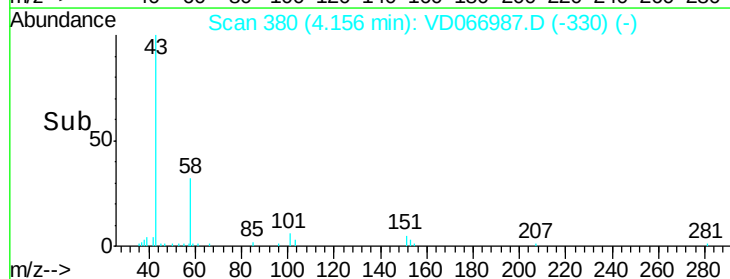
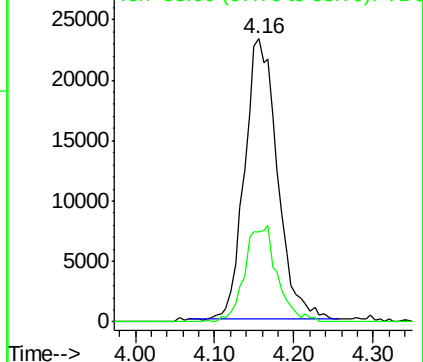
Ion Ratio Lower Upper

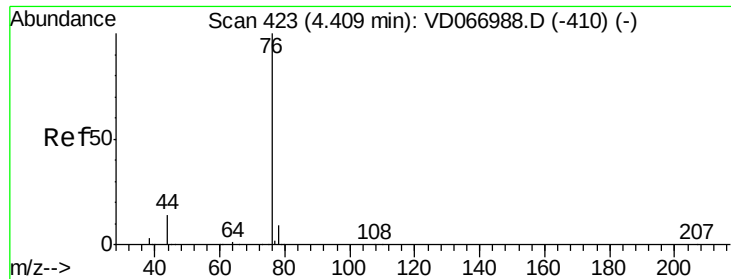
43 100

58 32.2 25.9 38.9



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

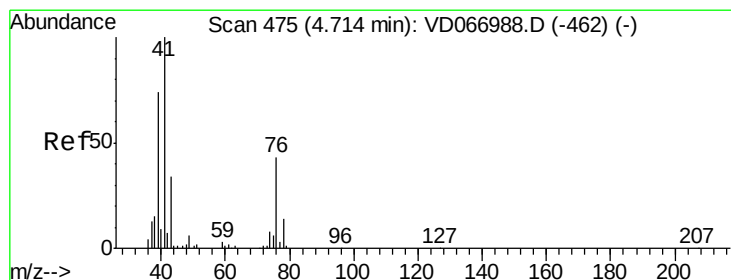
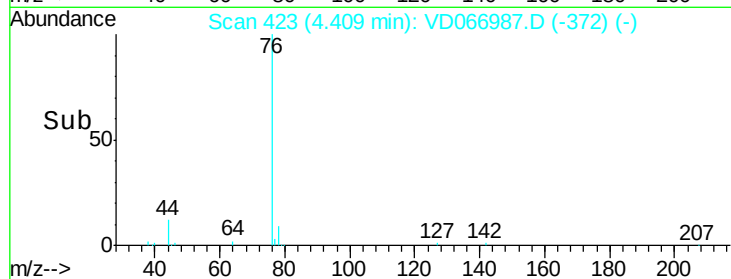
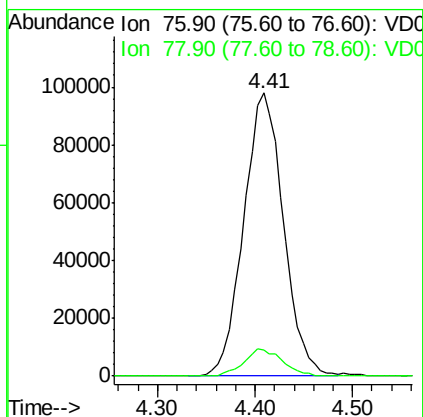
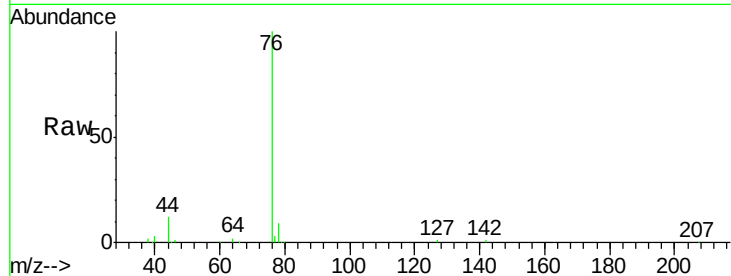




#17
Carbon Disulfide
Concen: 21.007 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

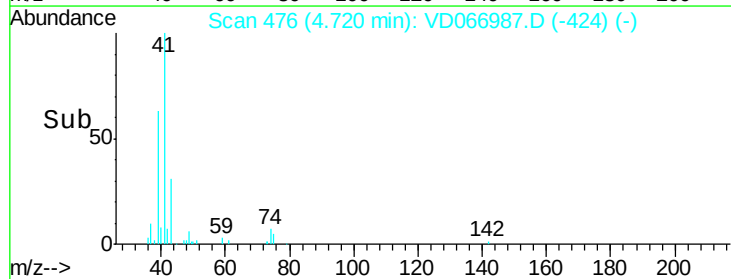
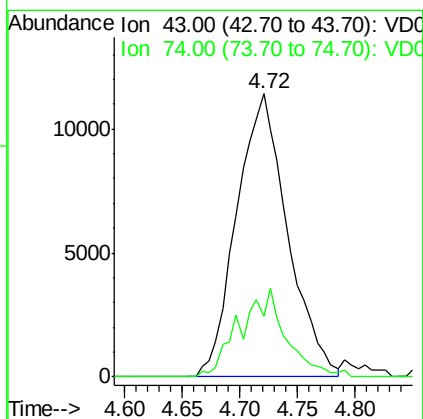
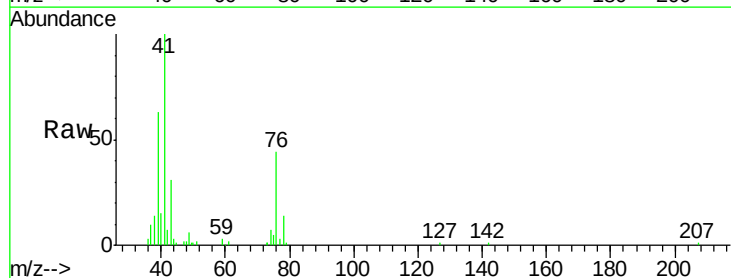
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

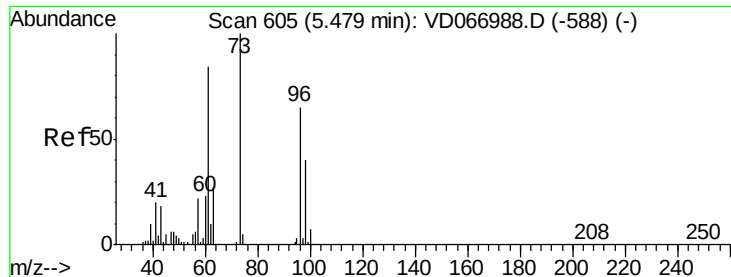
Tgt Ion: 76 Resp: 278452
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 20.703 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion: 43 Resp: 35055
Ion Ratio Lower Upper
43 100
74 28.6 21.5 32.3

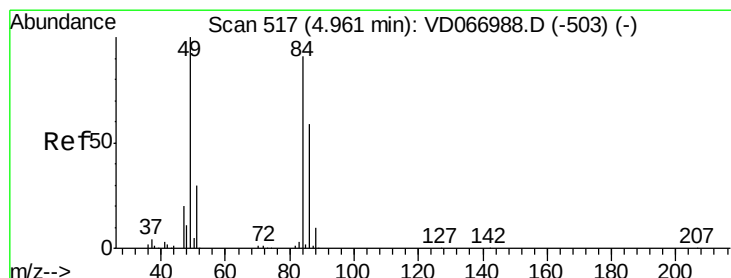
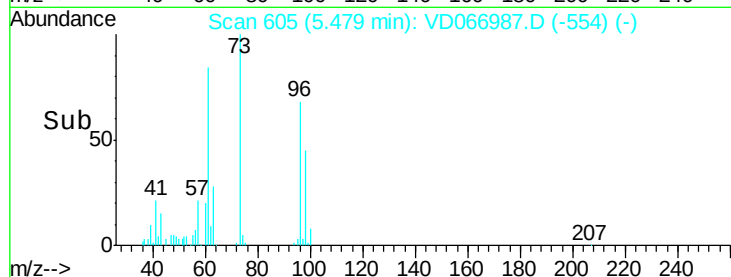
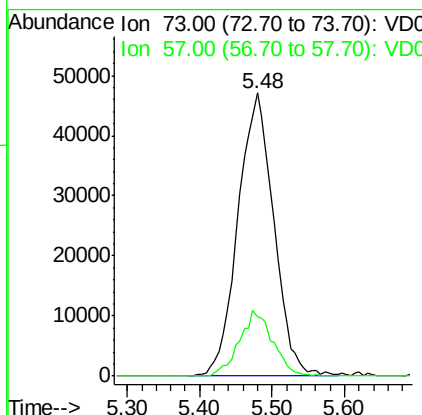
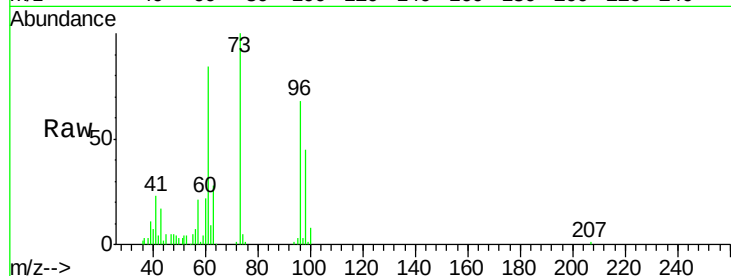




#19
Methyl tert-butyl Ether
Concen: 20.531 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

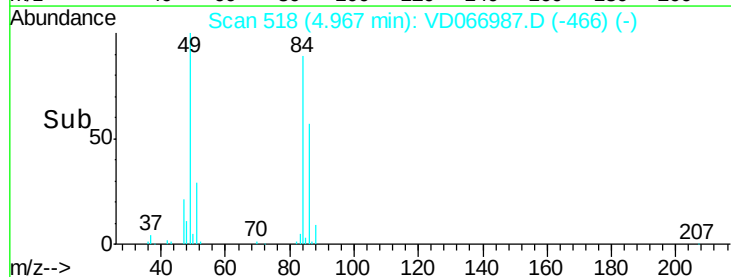
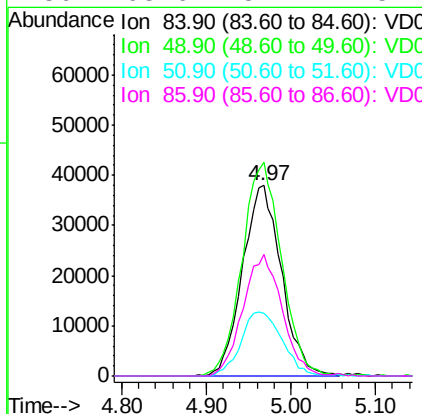
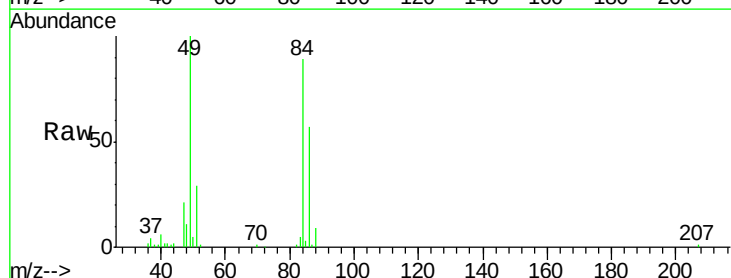
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

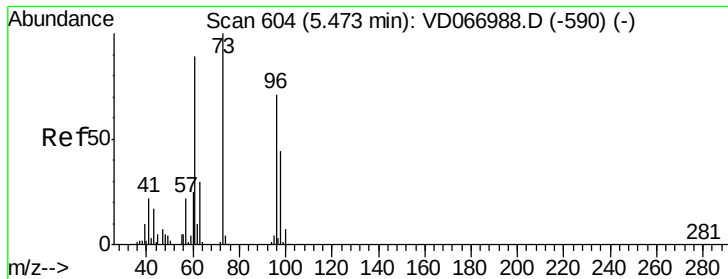
Tgt Ion: 73 Resp: 161884
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0



#20
Methylene Chloride
Concen: 19.737 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion: 84 Resp: 121209
Ion Ratio Lower Upper
84 100
49 112.2 88.2 132.2
51 32.9 26.6 39.8
86 63.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.994 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

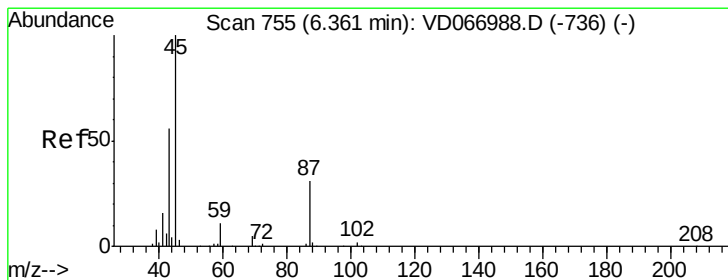
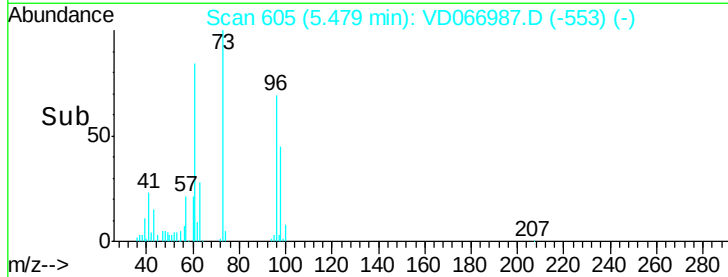
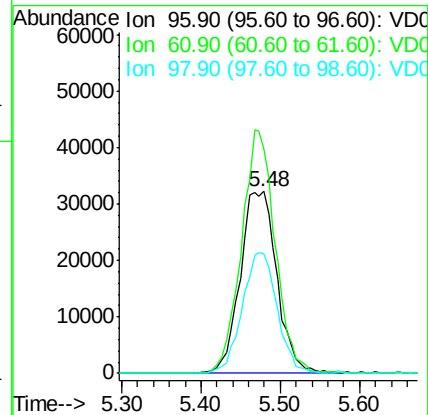
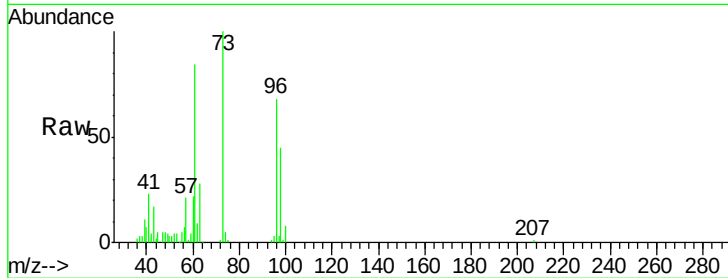
Tgt Ion: 96 Resp: 103193

Ion Ratio Lower Upper

96 100

61 123.3 99.6 149.4

98 66.0 49.4 74.2



#22

Diisopropyl ether

Concen: 21.310 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Tgt Ion: 45 Resp: 218291

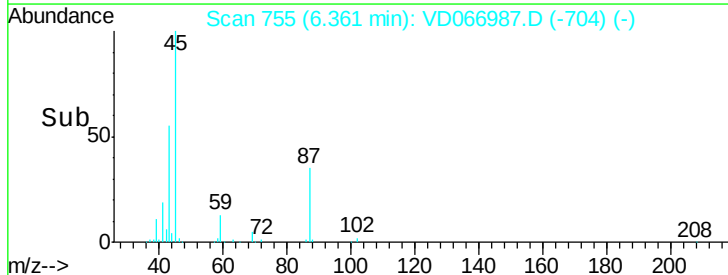
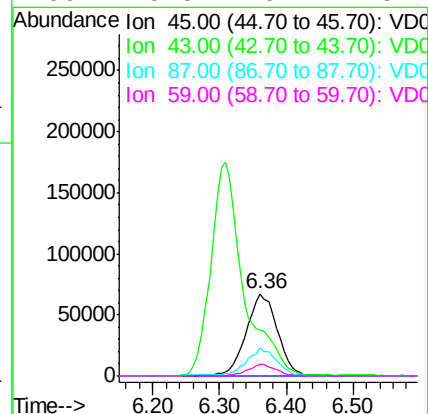
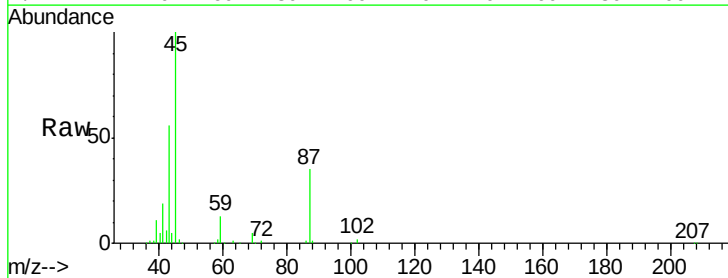
Ion Ratio Lower Upper

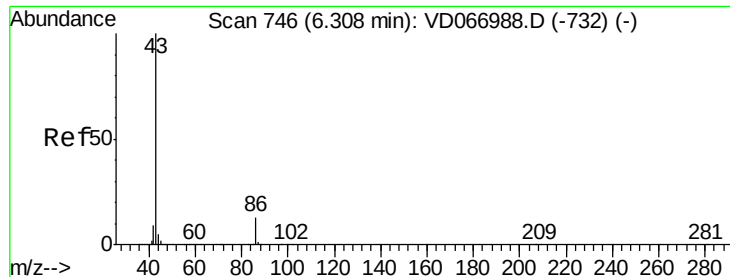
45 100

43 54.2 45.2 67.8

87 34.6 25.6 38.4

59 13.3 9.1 13.7





#23

Vinyl Acetate

Concen: 103.093 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

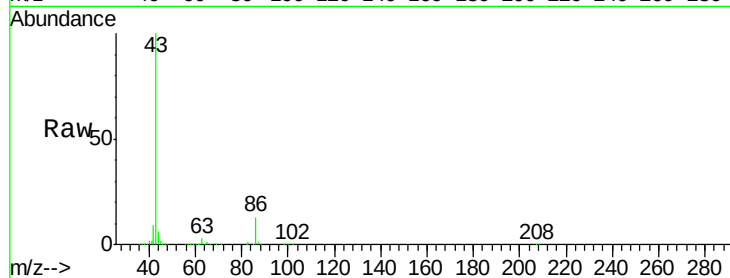
VSTDIC020

Tgt Ion: 43 Resp: 598433

Ion Ratio Lower Upper

43 100

86 12.5 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

200000

150000

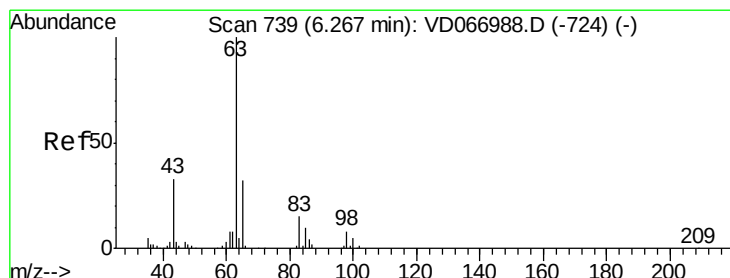
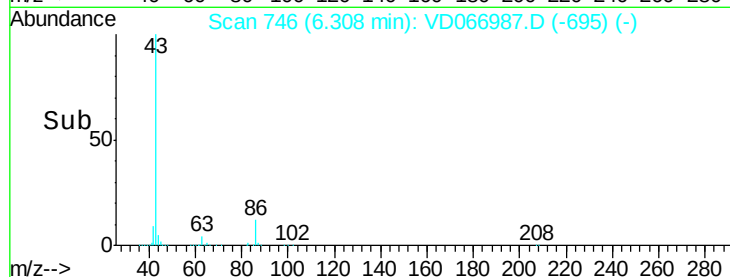
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 21.125 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

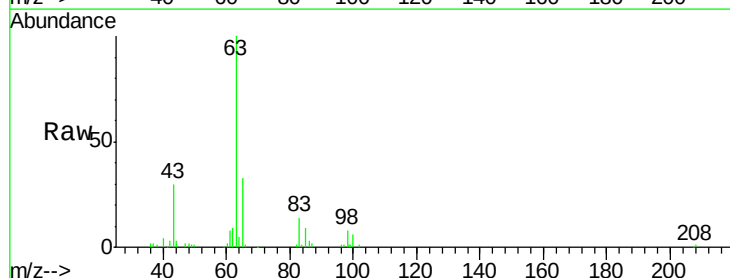
Tgt Ion: 63 Resp: 167009

Ion Ratio Lower Upper

63 100

98 8.0 4.2 12.6

100 5.9 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

60000

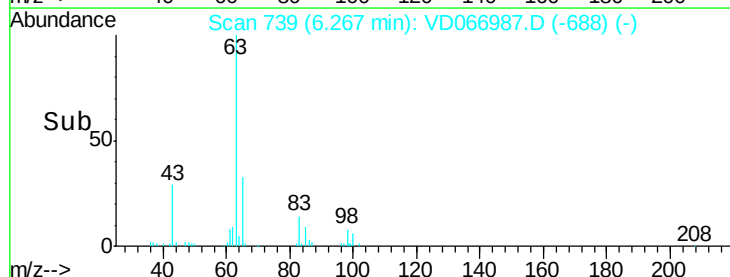
40000

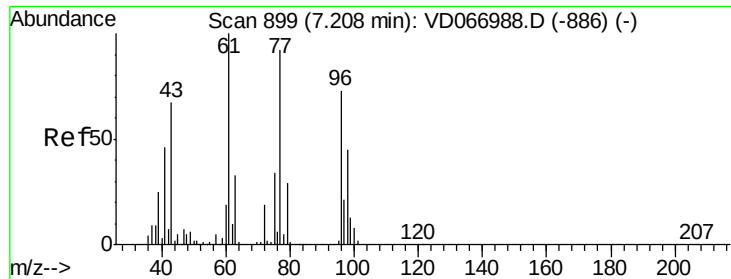
20000

0

6.10 6.20 6.30 6.40

Time-->

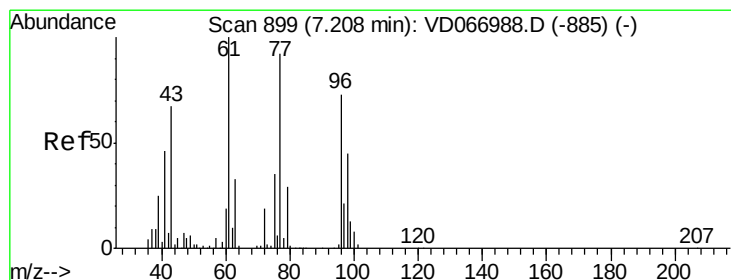
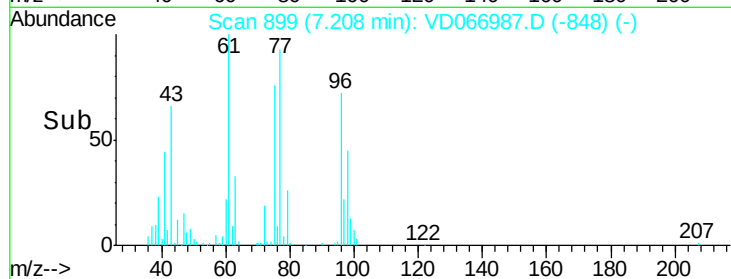
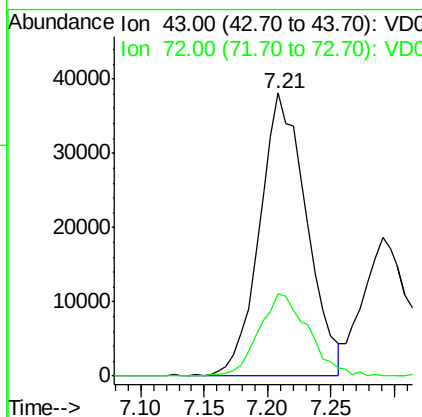
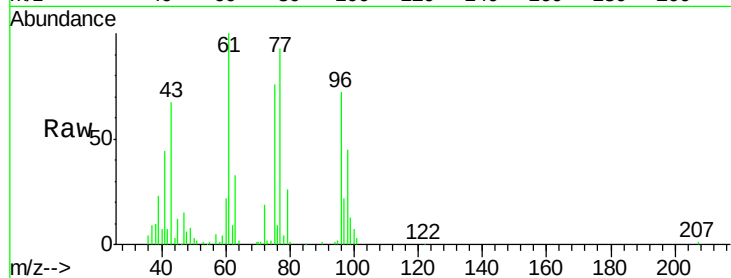




#25
2-Butanone
Concen: 103.215 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

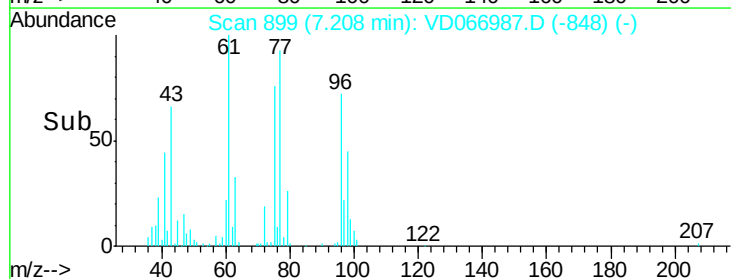
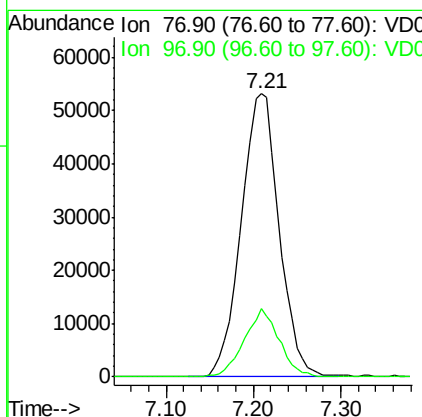
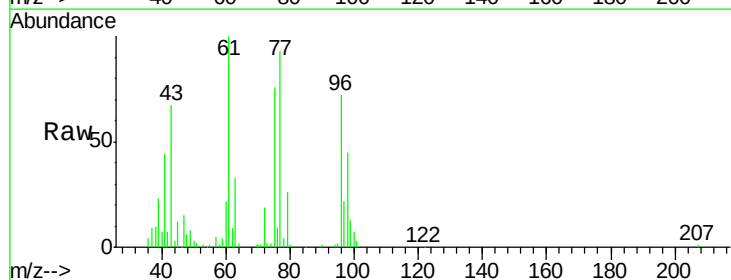
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

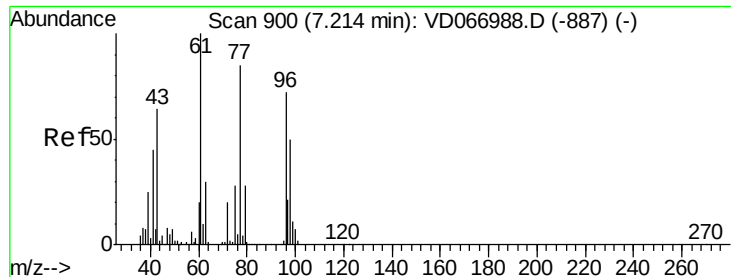
Tgt Ion: 43 Resp: 98584
Ion Ratio Lower Upper
43 100
72 29.1 22.8 34.2



#26
2,2-Dichloropropane
Concen: 20.656 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion: 77 Resp: 156681
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.608 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

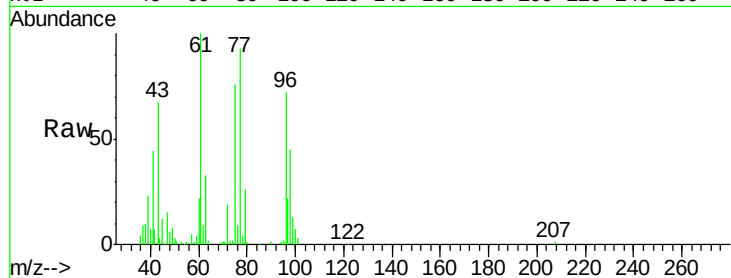
Tgt Ion: 96 Resp: 108184

Ion Ratio Lower Upper

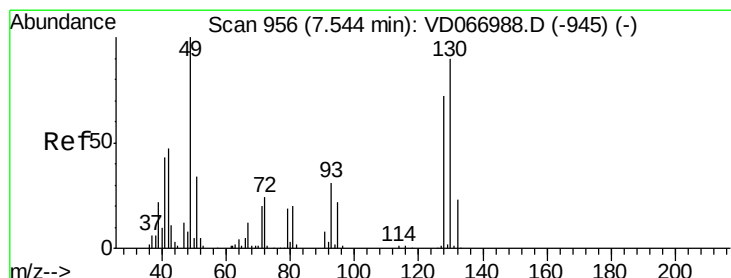
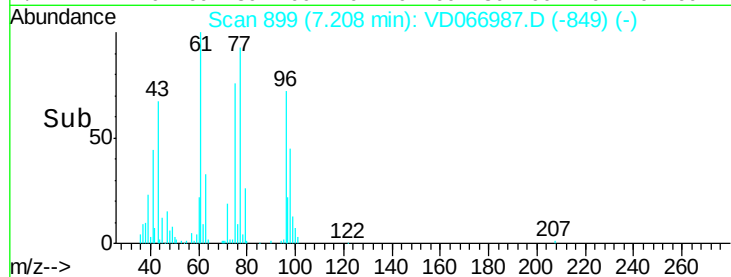
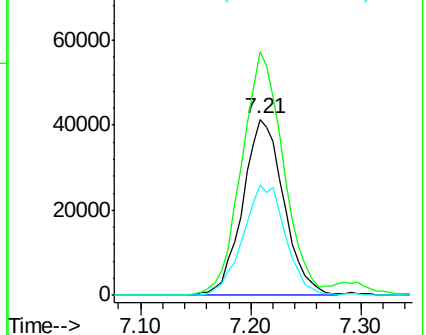
96 100

61 140.7 0.0 269.2

98 65.0 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: 20.416 ug/l

RT: 7.54 min Scan# 956

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

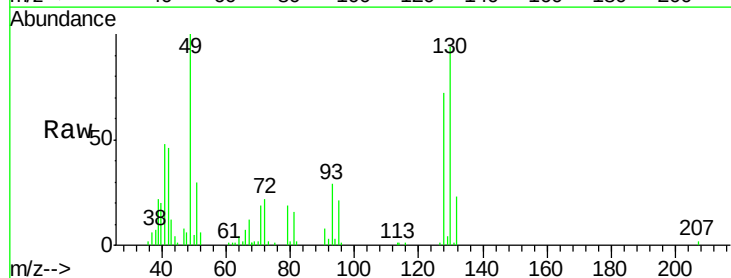
Tgt Ion: 49 Resp: 62330

Ion Ratio Lower Upper

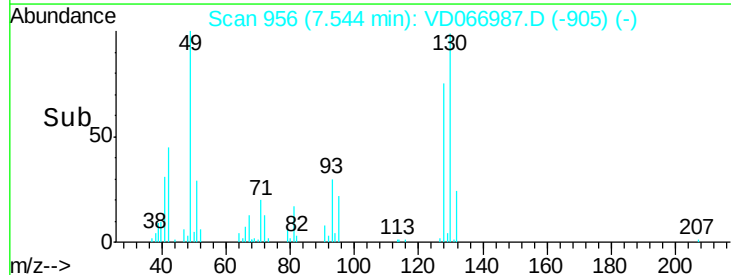
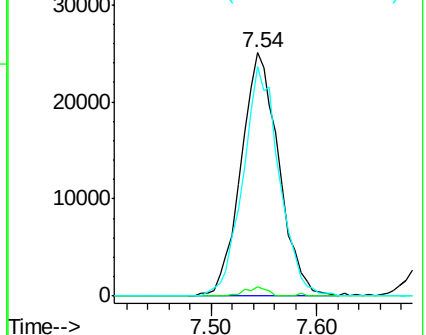
49 100

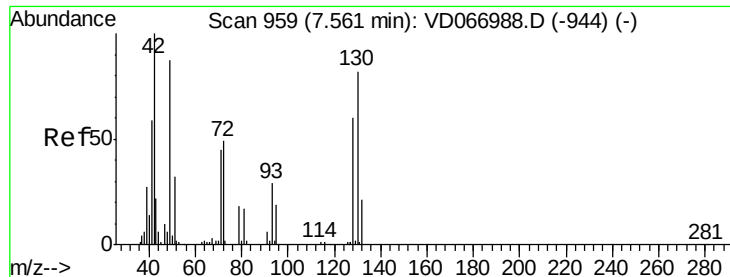
129 2.2 0.0 4.6

130 90.7 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

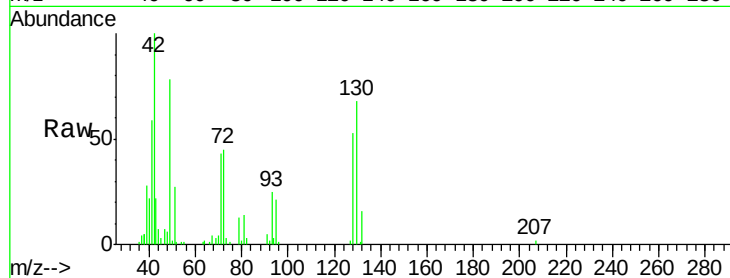




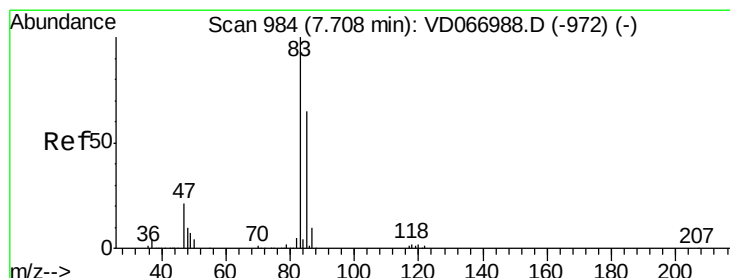
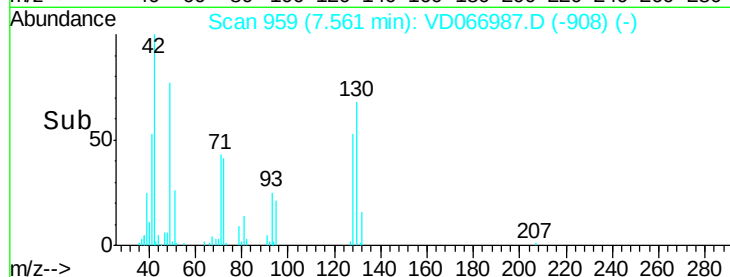
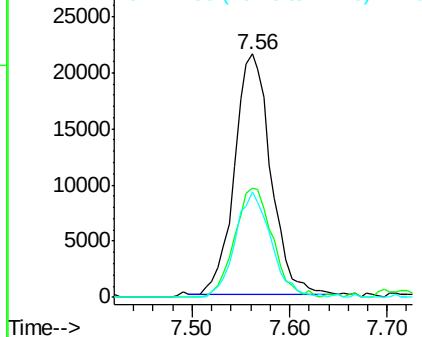
#29
Tetrahydrofuran
Concen: 101.620 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 55809
Ion Ratio Lower Upper
42 100
72 47.4 39.1 58.7
71 43.0 34.2 51.4

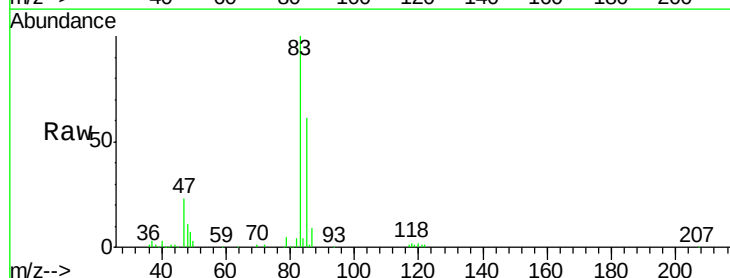


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

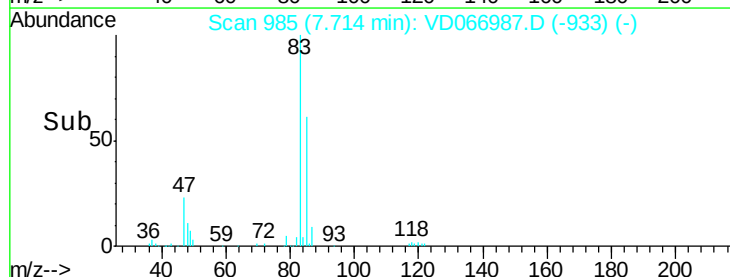
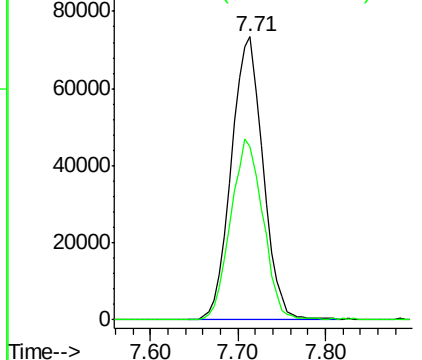


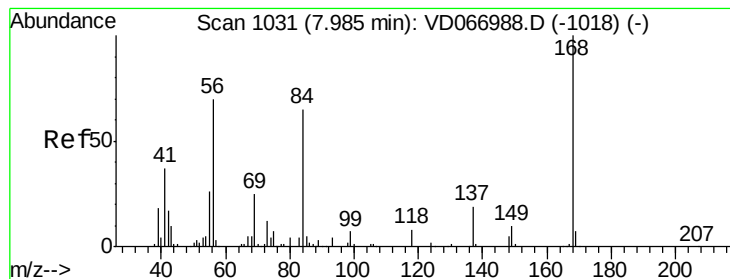
#30
Chloroform
Concen: 21.070 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion: 83 Resp: 180693
Ion Ratio Lower Upper
83 100
85 61.3 52.3 78.5



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





#31

Cyclohexane

Concen: 20.669 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

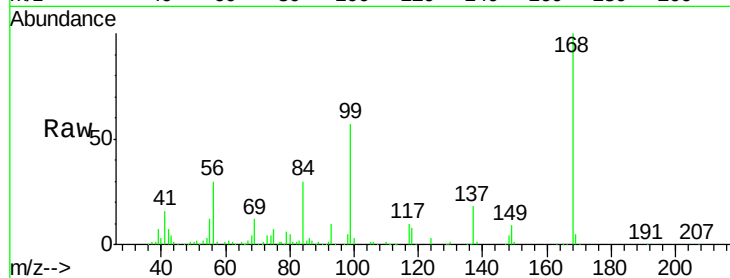
Tgt Ion: 56 Resp: 136993

Ion Ratio Lower Upper

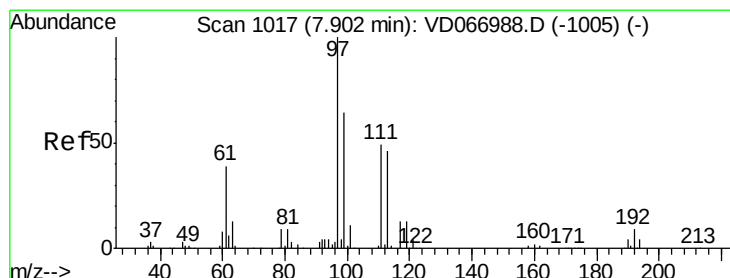
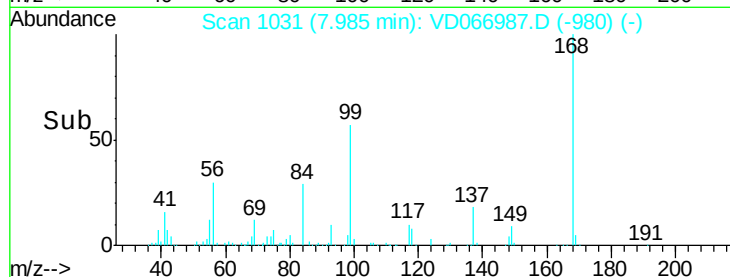
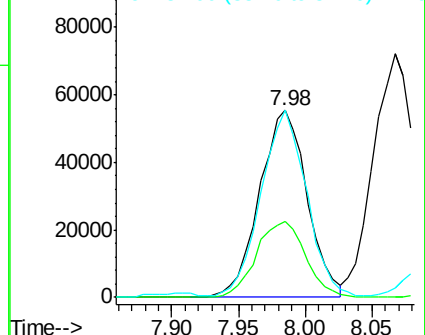
56 100

69 41.0 29.0 43.6

84 97.6 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: 21.239 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

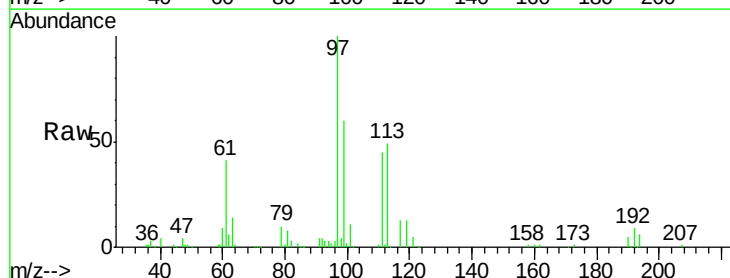
Tgt Ion: 97 Resp: 168807

Ion Ratio Lower Upper

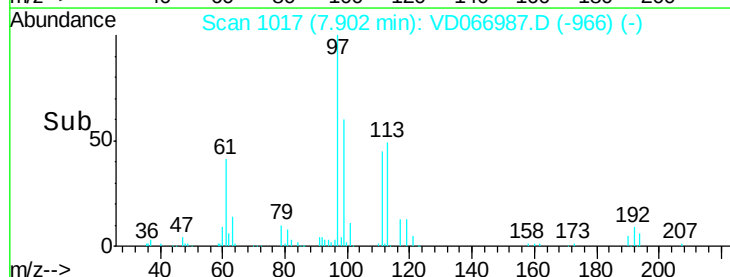
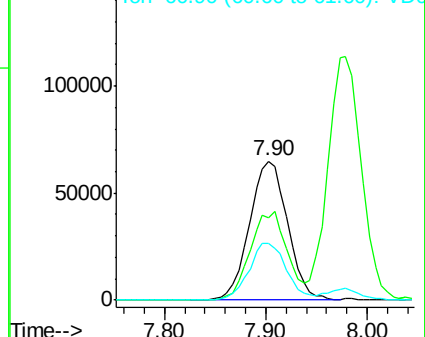
97 100

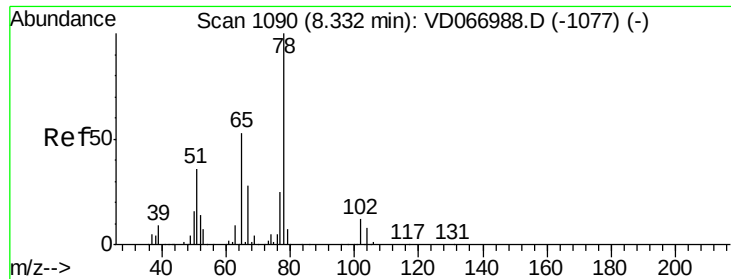
99 62.3 52.6 78.8

61 40.7 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

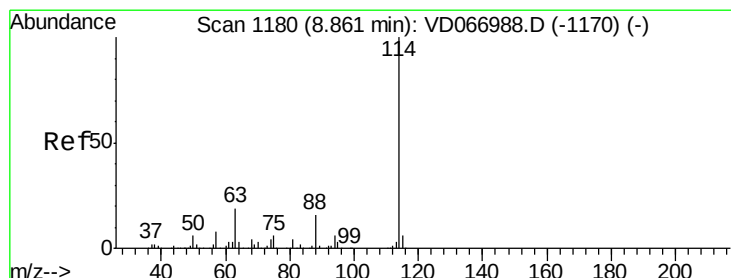
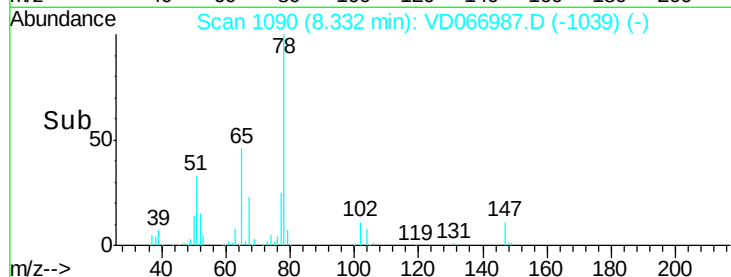
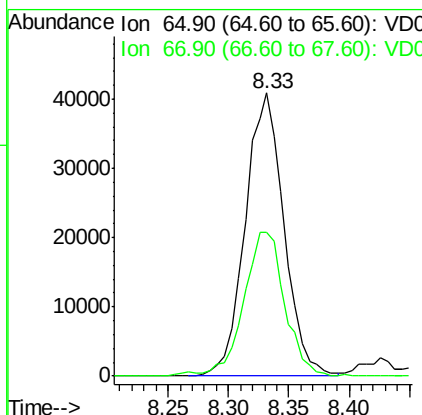
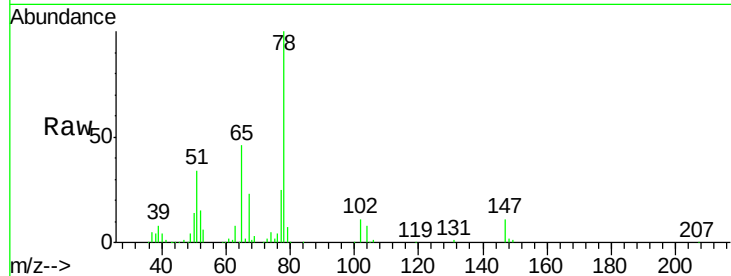




#33
 1,2-Dichloroethane-d4
 Concen: 20.711 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

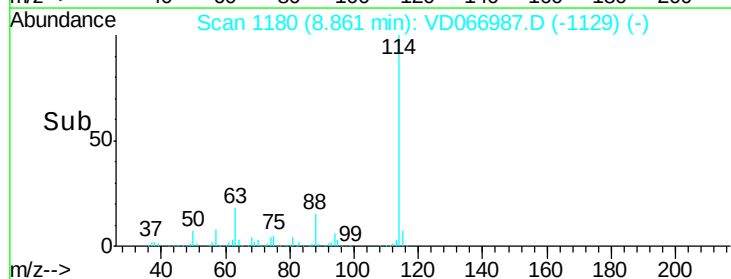
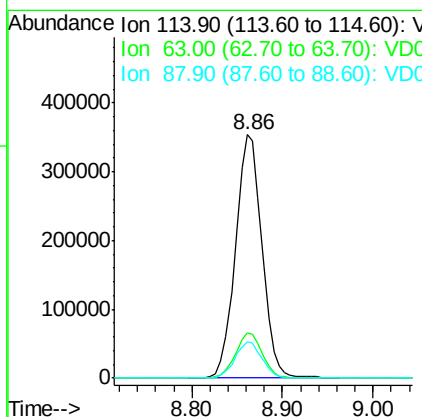
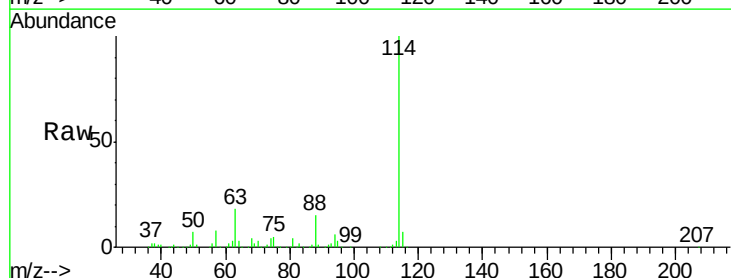
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

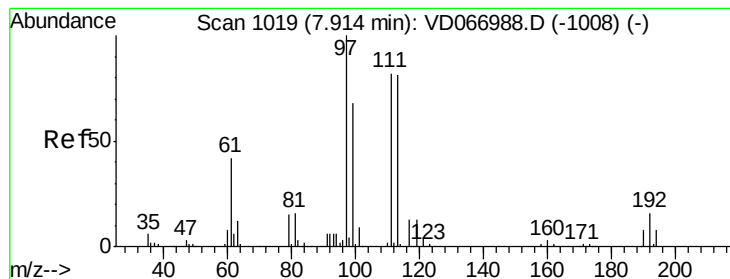
Tgt Ion: 65 Resp: 91401
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Tgt Ion: 114 Resp: 718203
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.4
 88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 21.221 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

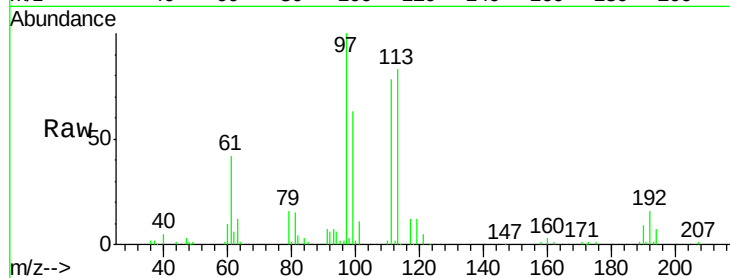
Tgt Ion: 113 Resp: 99780

Ion Ratio Lower Upper

113 100

111 100.0 83.0 124.4

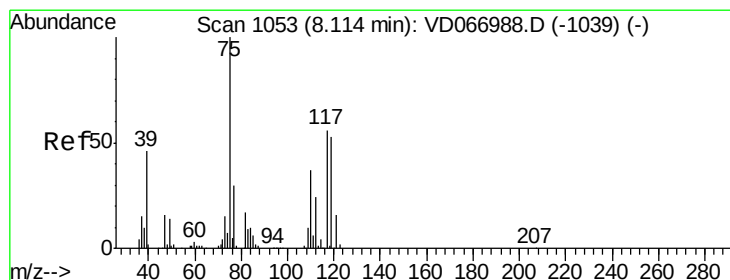
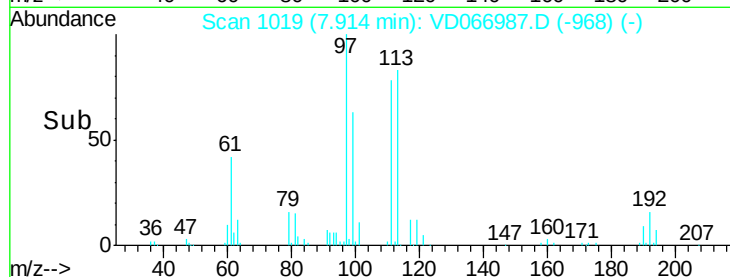
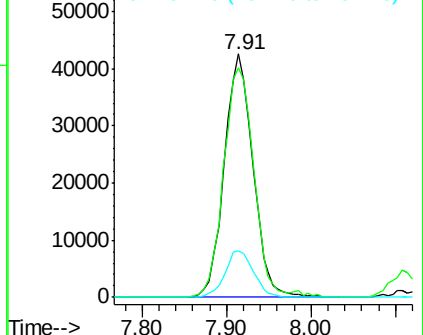
192 18.8 15.5 23.3



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: 20.461 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

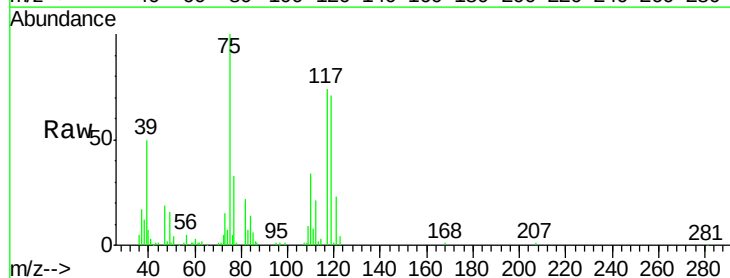
Tgt Ion: 75 Resp: 136974

Ion Ratio Lower Upper

75 100

110 36.6 18.4 55.0

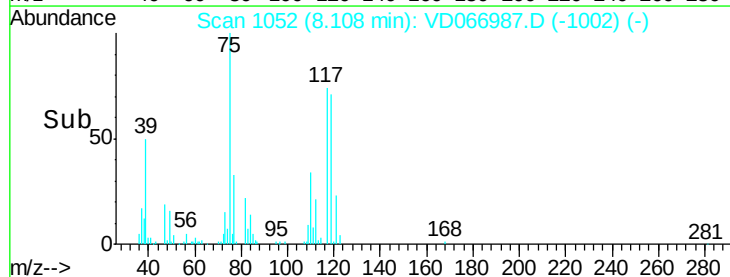
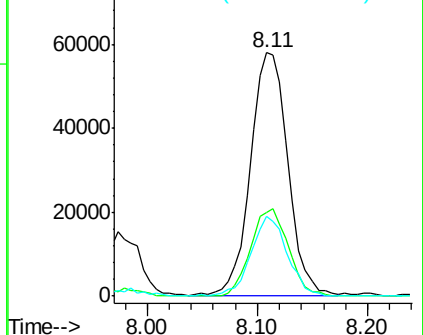
77 32.0 24.8 37.2

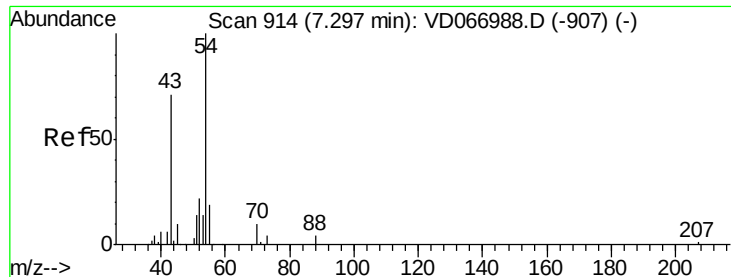


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

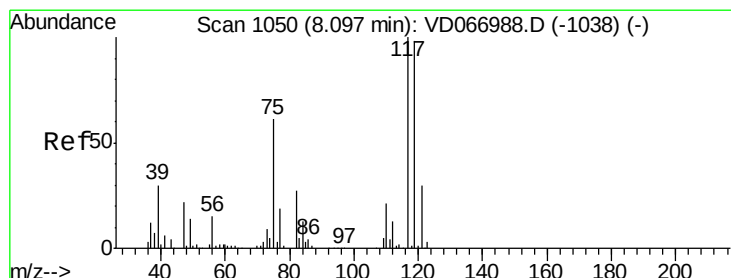
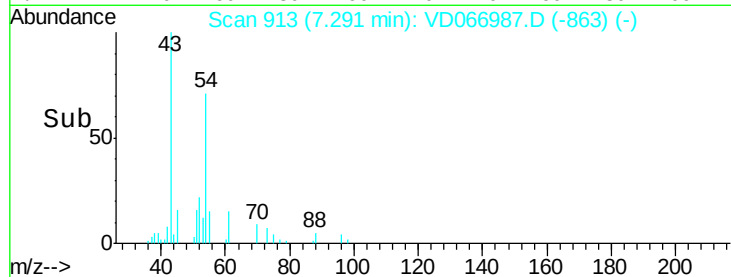
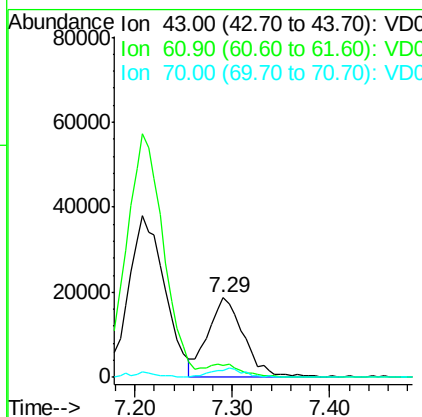
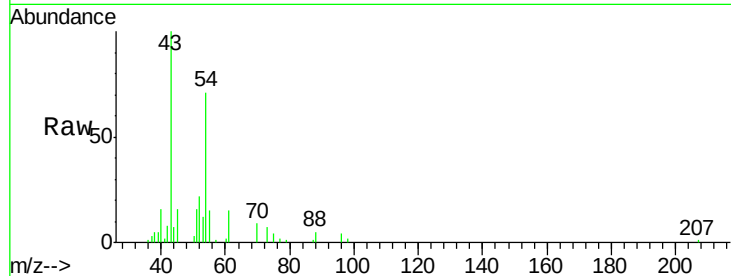




#37
Ethyl Acetate
 Concen: 20.468 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

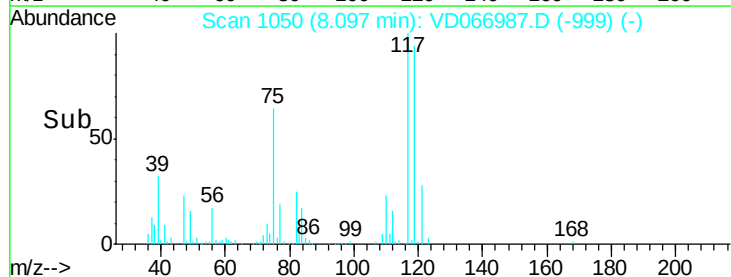
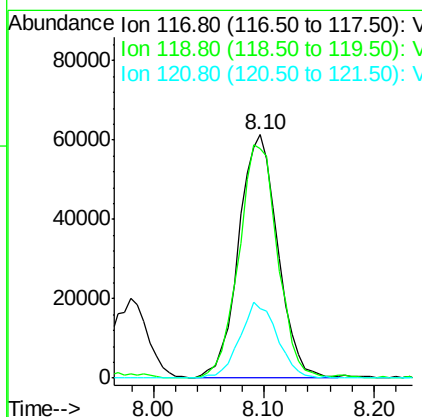
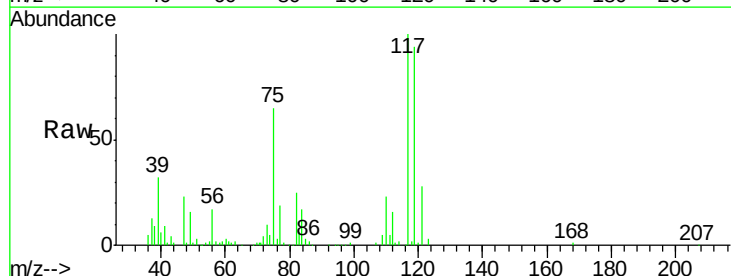
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

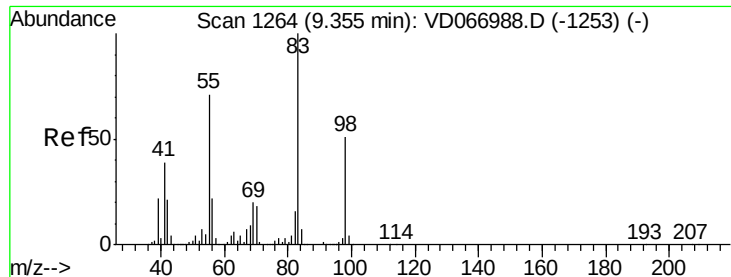
Tgt Ion: 43 Resp: 47467
 Ion Ratio Lower Upper
 43 100
 61 16.0 12.5 18.7
 70 10.6 9.4 14.0



#38
Carbon Tetrachloride
 Concen: 21.099 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Tgt Ion: 117 Resp: 152829
 Ion Ratio Lower Upper
 117 100
 119 94.1 78.7 118.1
 121 28.4 24.2 36.2

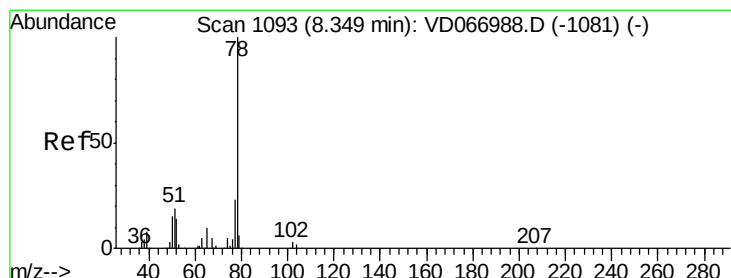
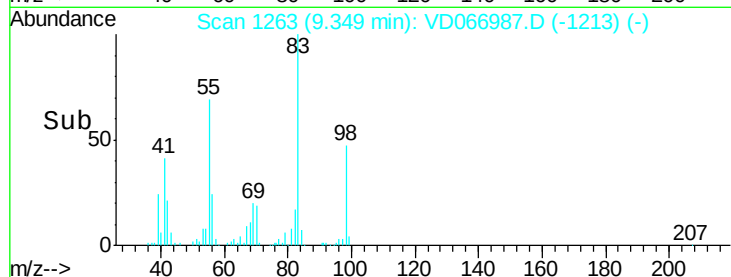
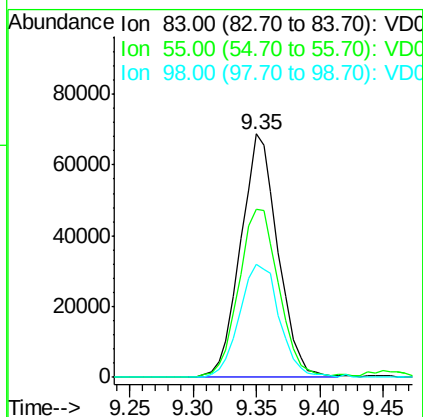
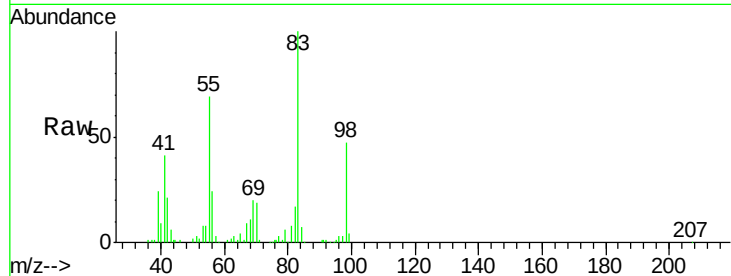




#39
Methylcyclohexane
Concen: 19.861 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

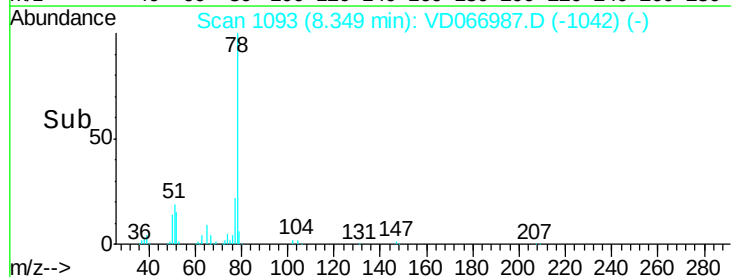
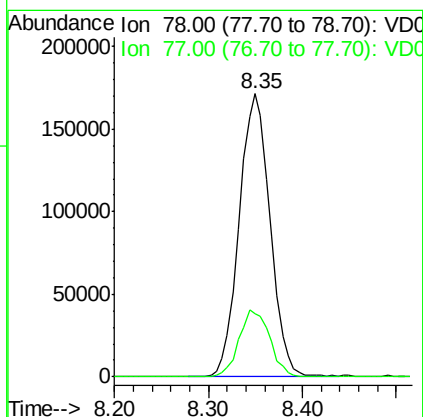
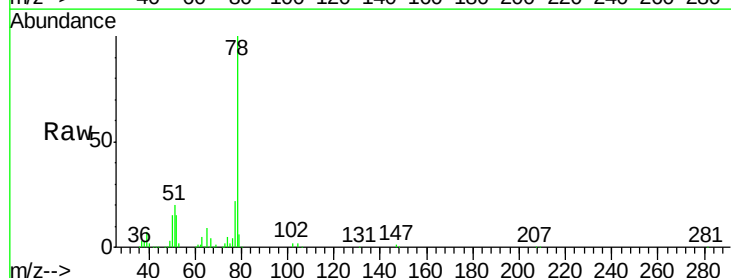
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

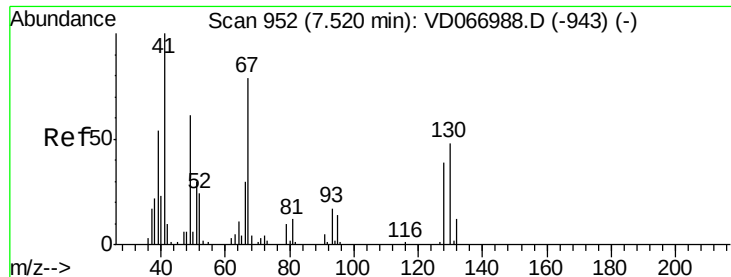
Tgt Ion: 83 Resp: 140572
Ion Ratio Lower Upper
83 100
55 69.0 57.1 85.7
98 46.5 40.9 61.3



#40
Benzene
Concen: 20.956 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion: 78 Resp: 389669
Ion Ratio Lower Upper
78 100
77 22.4 18.4 27.6

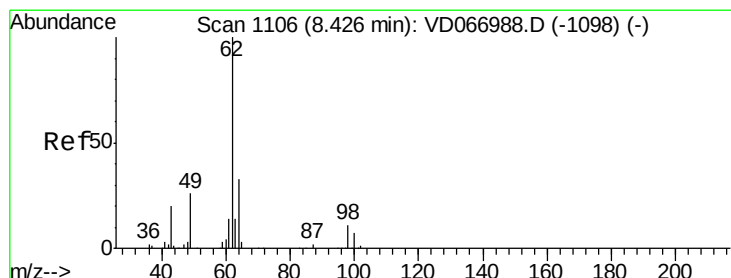
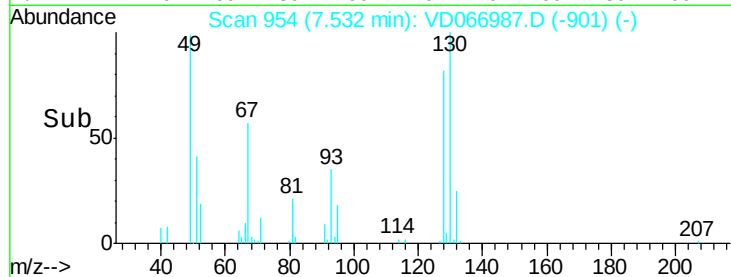
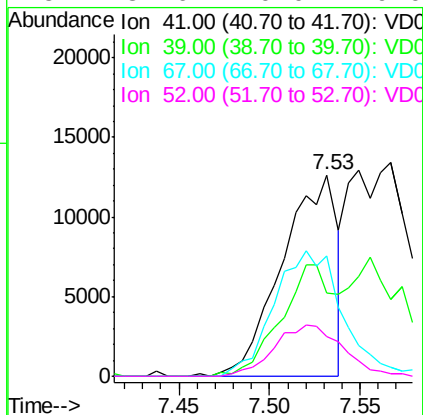
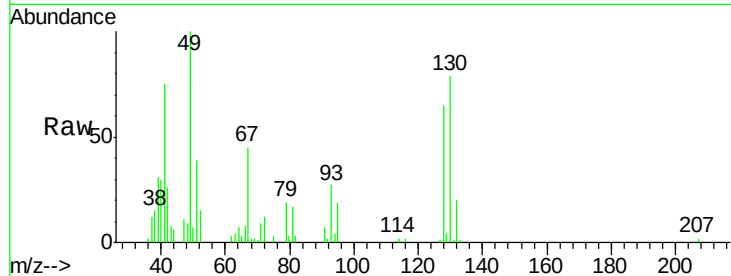




#41
Methacrylonitrile
Concen: 21.350 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

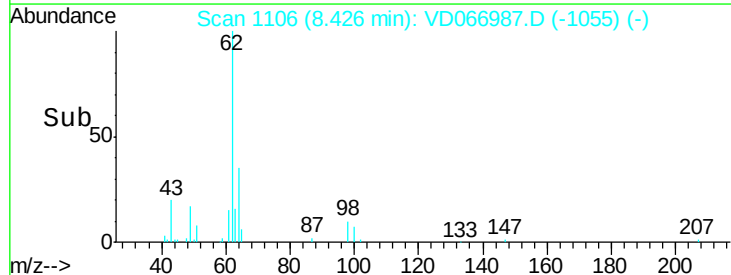
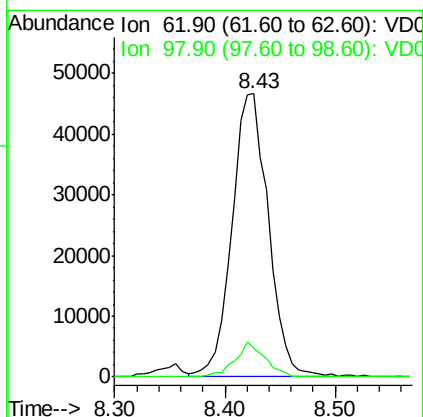
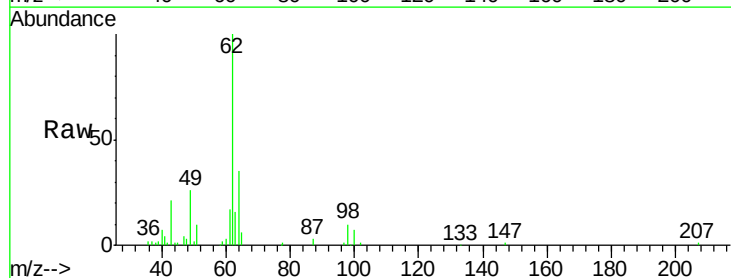
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

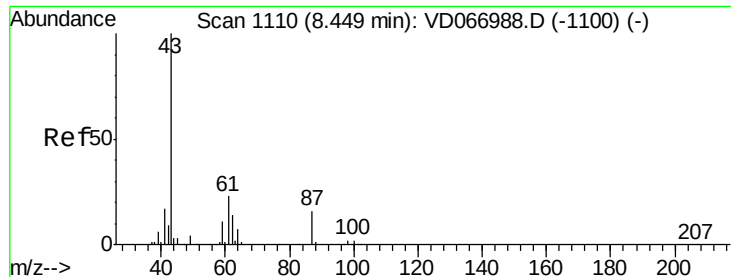
Tgt Ion:	41	Resp:	26750
Ion	Ratio	Lower	Upper
41	100		
39	53.6	0.0	0.0#
67	77.6	0.0	0.0#
52	31.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.814 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion:	62	Resp:	108148
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	22.6

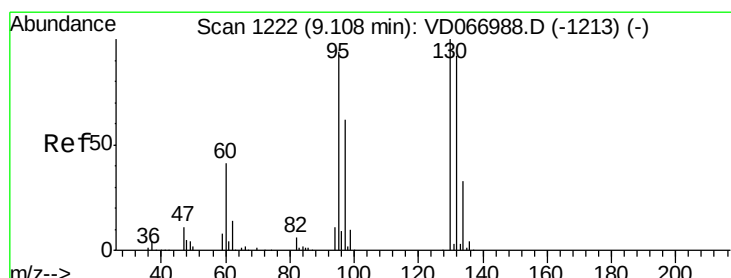
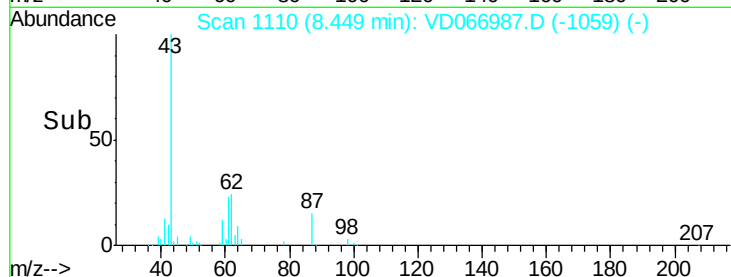
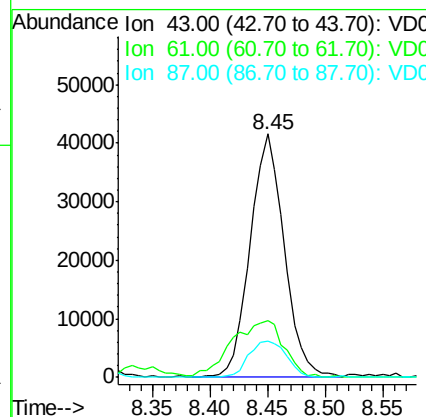
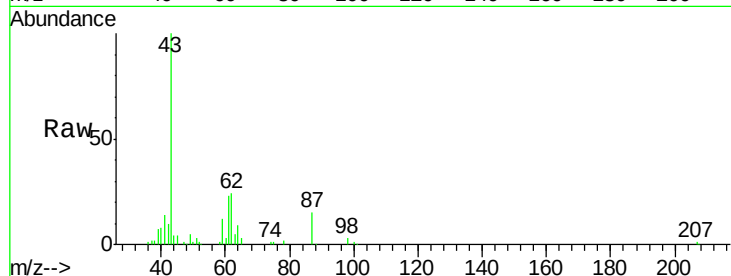




#43
Isopropyl Acetate
Concen: 20.059 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

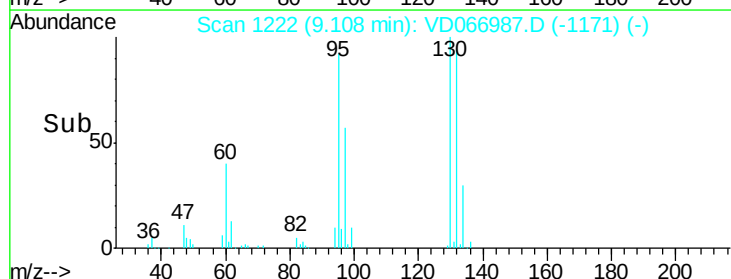
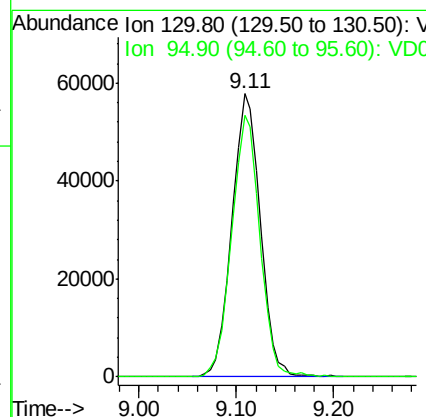
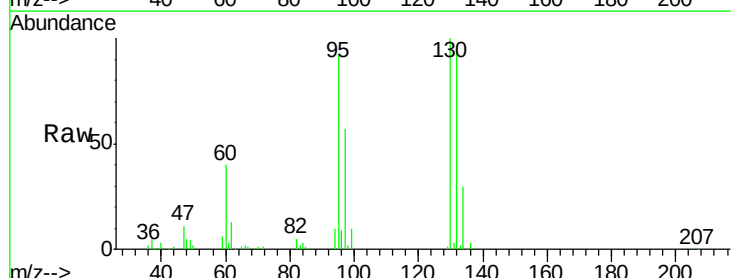
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

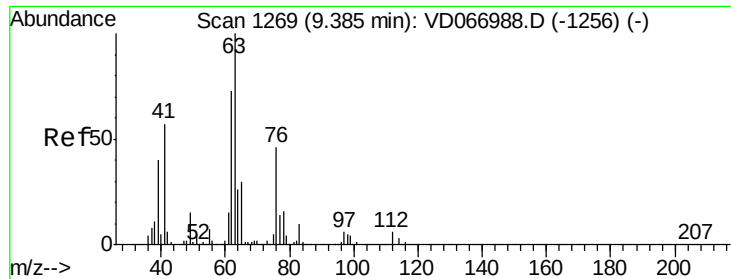
Tgt Ion: 43 Resp: 85698
Ion Ratio Lower Upper
43 100
61 35.3 27.1 40.7
87 16.4 12.3 18.5



#44
Trichloroethene
Concen: 21.004 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion: 130 Resp: 116621
Ion Ratio Lower Upper
130 100
95 92.5 0.0 187.8

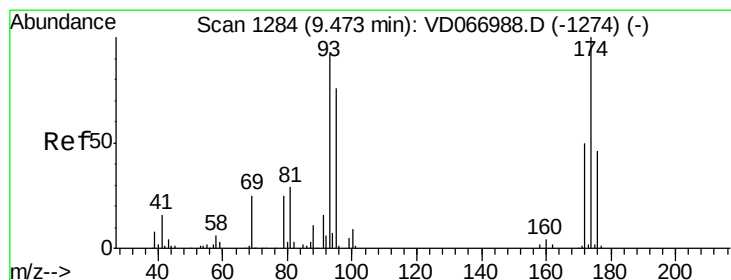
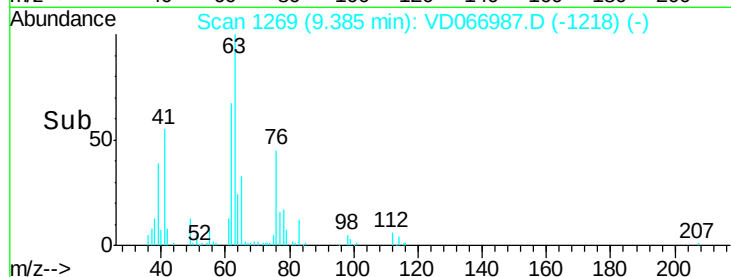
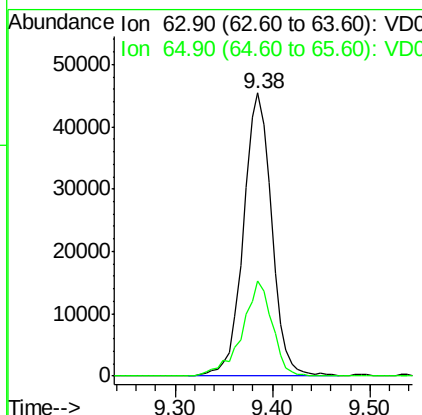
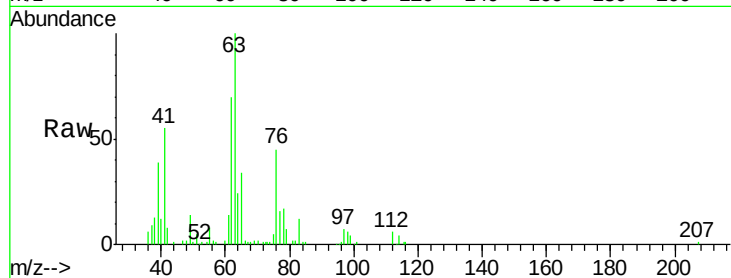




#45
 1,2-Dichloropropane
 Concen: 20.900 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

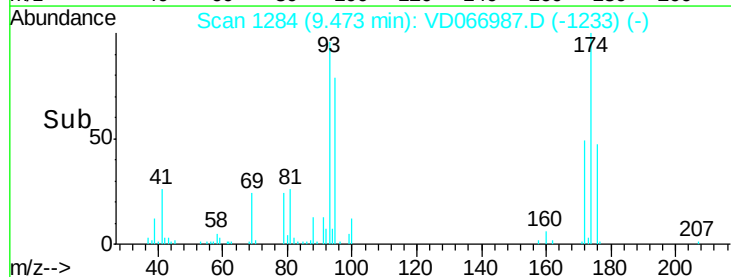
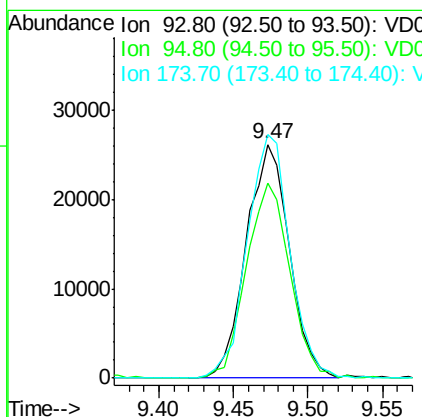
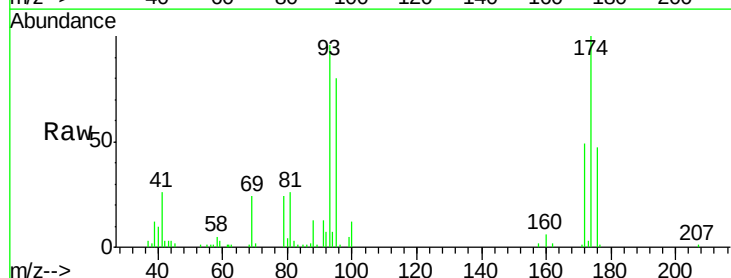
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

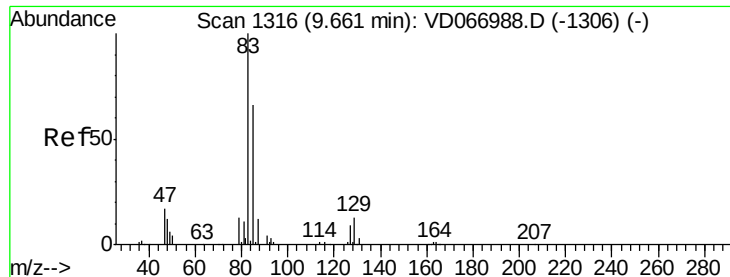
Tgt Ion: 63 Resp: 91312
 Ion Ratio Lower Upper
 63 100
 65 33.7 23.7 35.5



#46
 Dibromomethane
 Concen: 20.806 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Tgt Ion: 93 Resp: 52245
 Ion Ratio Lower Upper
 93 100
 95 84.3 64.7 97.1
 174 103.2 81.4 122.2





#47

Bromodichloromethane

Concen: 20.755 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

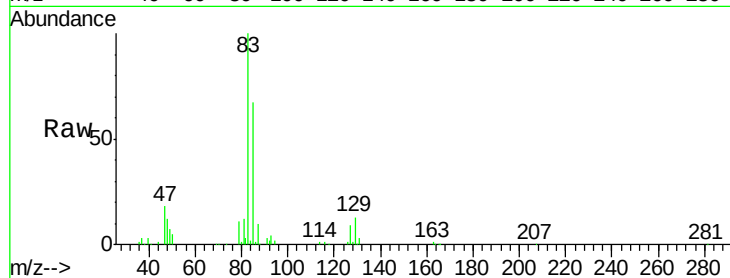
Tgt Ion: 83 Resp: 135474

Ion Ratio Lower Upper

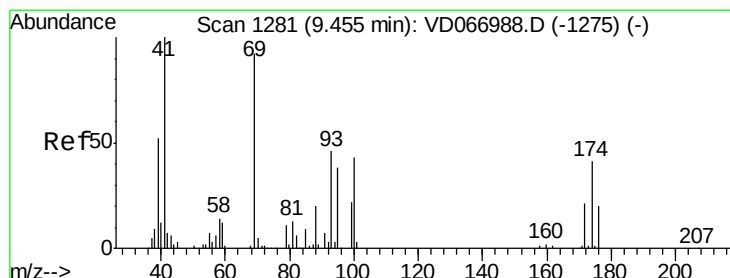
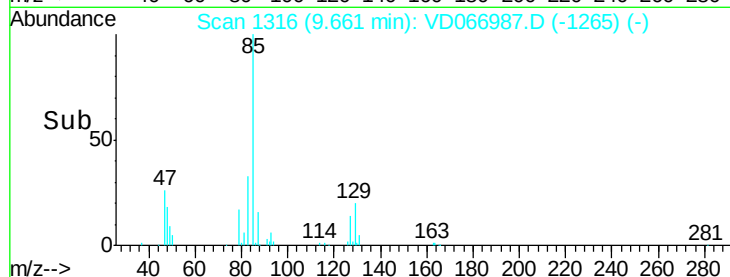
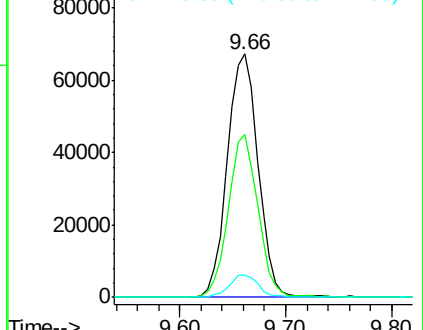
83 100

85 66.8 52.9 79.3

127 9.4 7.3 10.9



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



#48

Methyl methacrylate

Concen: 18.937 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

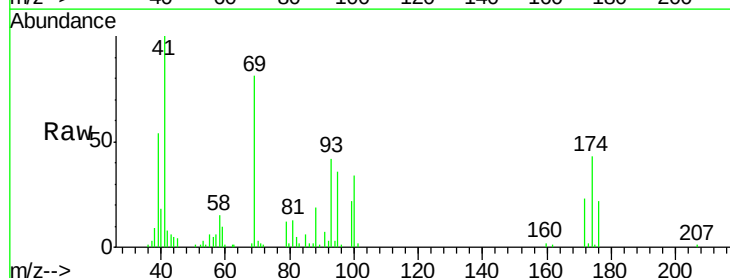
Tgt Ion: 41 Resp: 41449

Ion Ratio Lower Upper

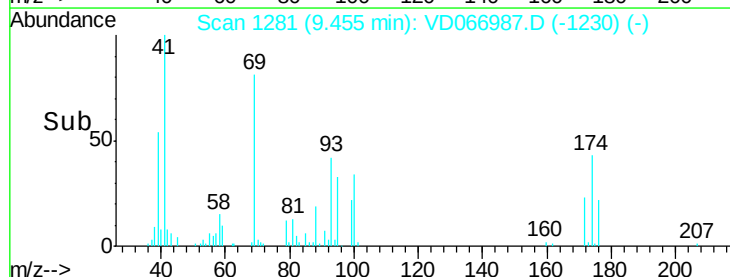
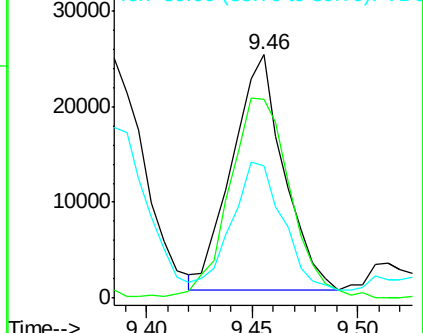
41 100

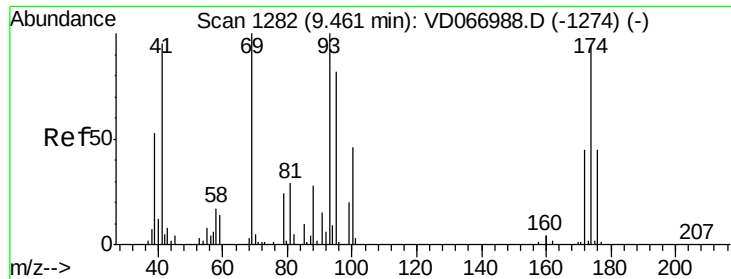
69 101.0 68.5 102.7

39 54.0 40.2 60.2



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

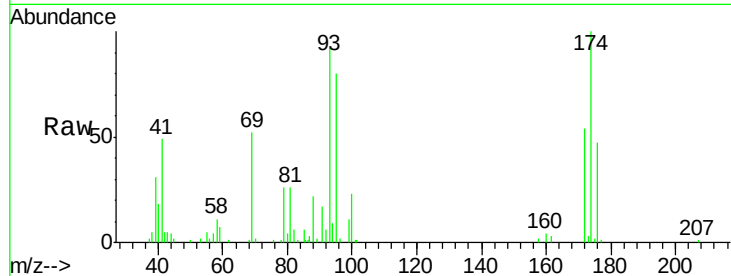




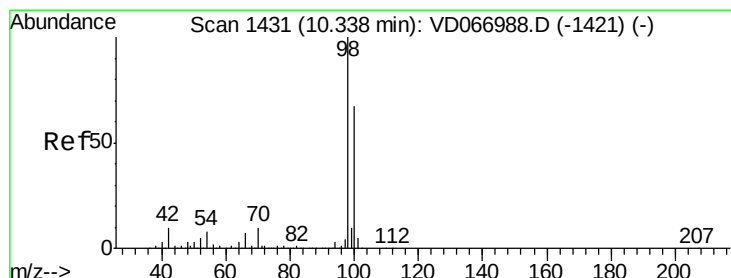
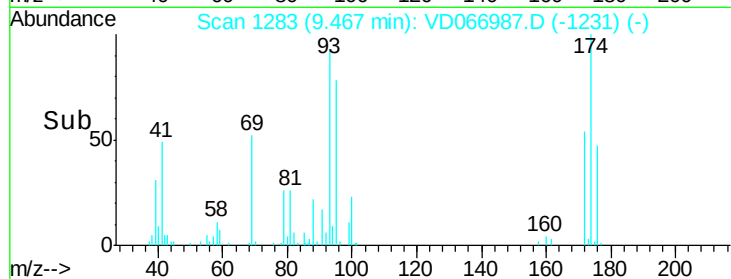
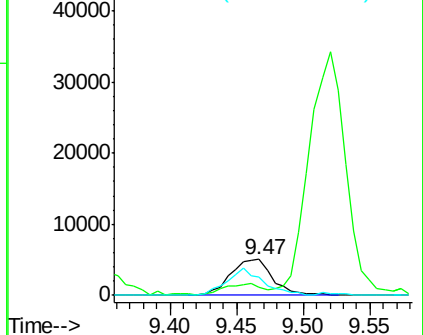
#49
1,4-Dioxane
Concen: 420.799 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 11028
Ion Ratio Lower Upper
88 100
43 30.3 25.6 38.4
58 64.5 53.5 80.3

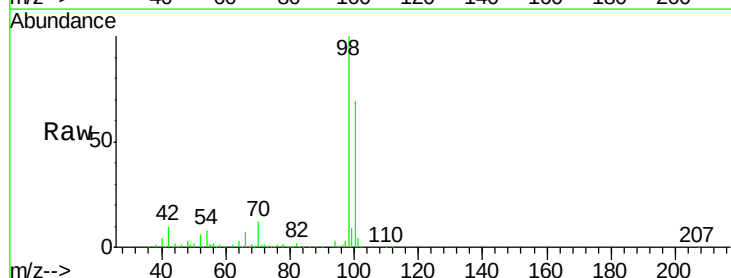


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

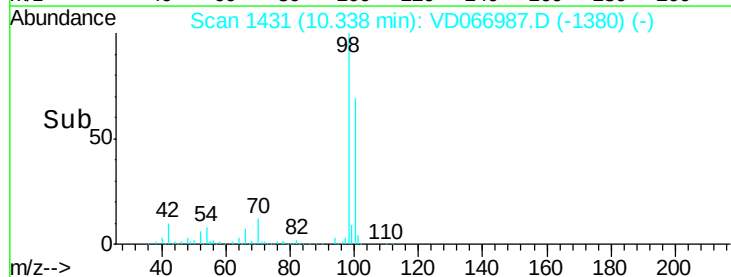
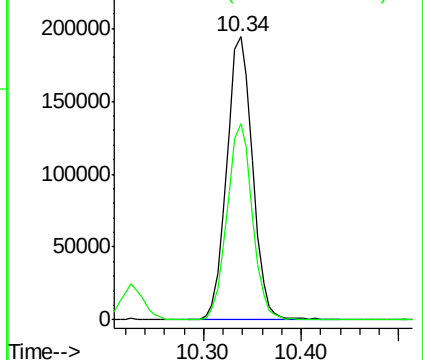


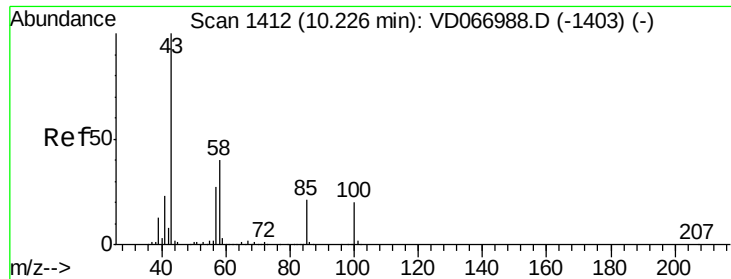
#50
Toluene-d8
Concen: 20.802 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion: 98 Resp: 356408
Ion Ratio Lower Upper
98 100
100 68.5 52.8 79.2



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

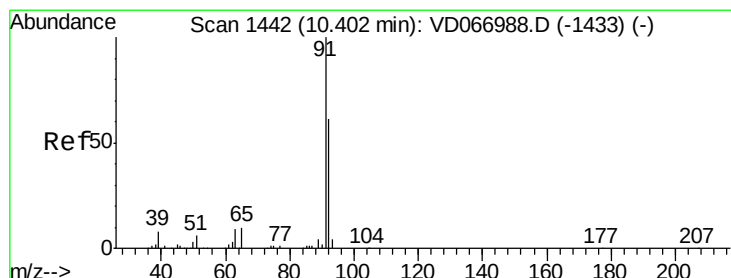
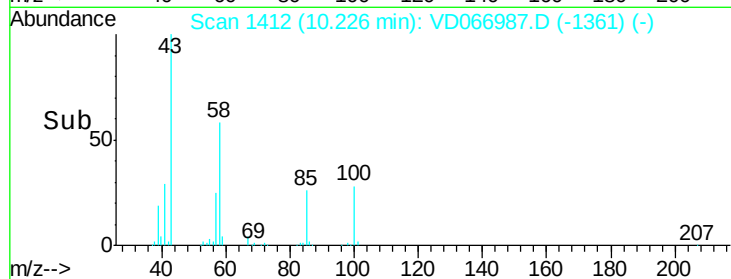
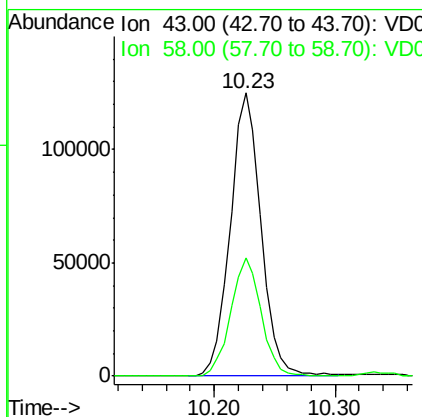
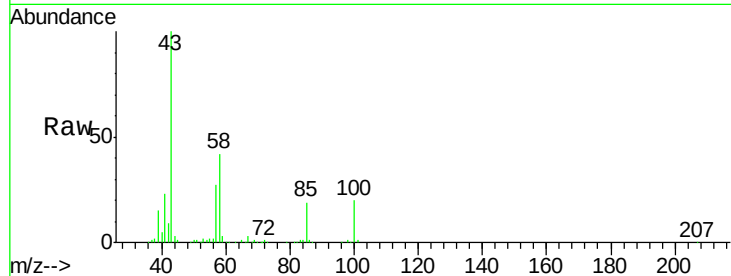




#51
 4-Methyl-2-Pentanone
 Concen: 104.223 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

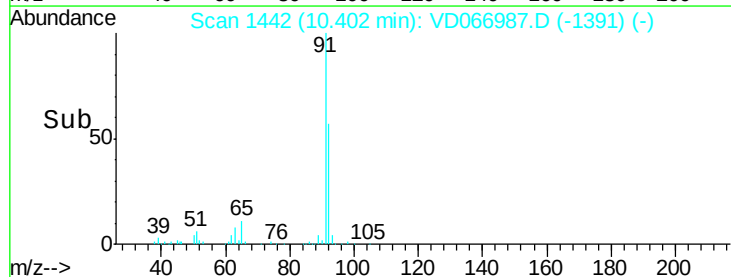
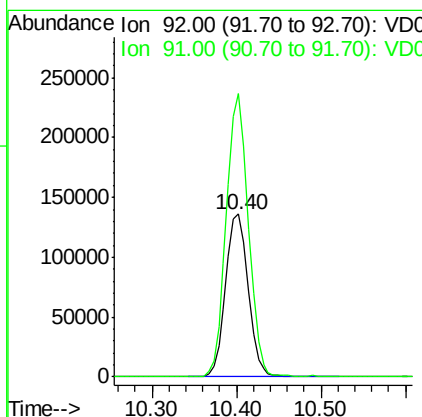
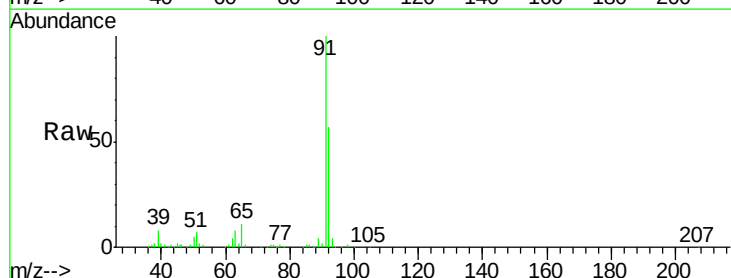
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

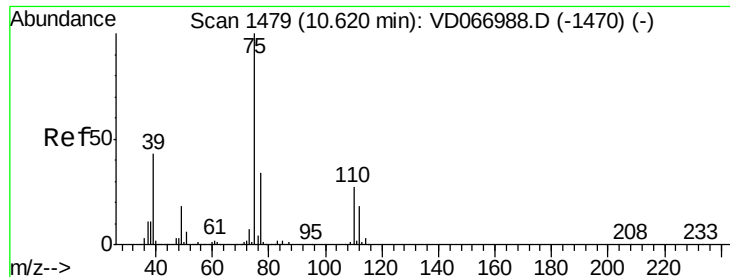
Tgt Ion: 43 Resp: 221791
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.8 50.8



#52
 Toluene
 Concen: 21.002 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Tgt Ion: 92 Resp: 251558
 Ion Ratio Lower Upper
 92 100
 91 169.4 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 20.754 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

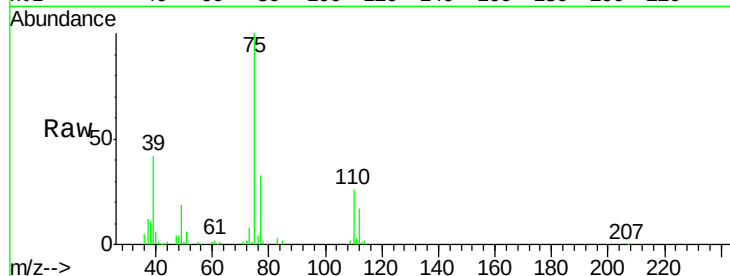
VSTDIC020

Tgt Ion: 75 Resp: 121075

Ion Ratio Lower Upper

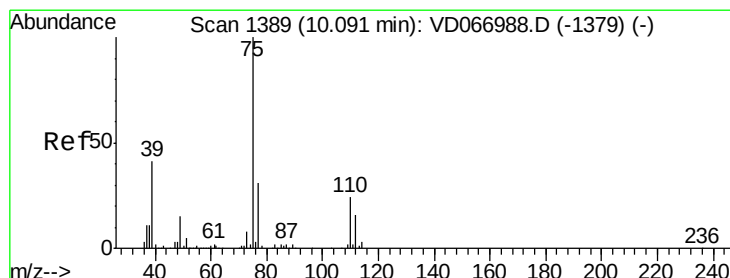
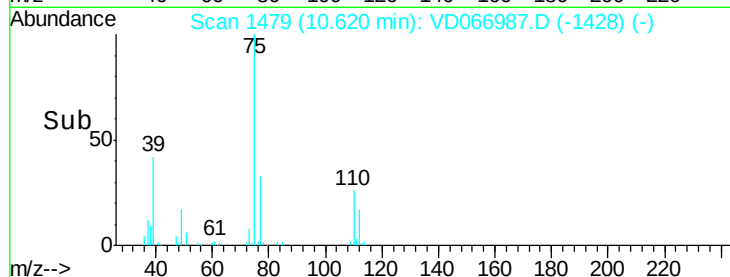
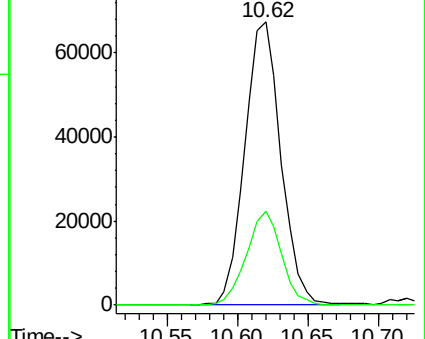
75 100

77 33.2 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: 21.242 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

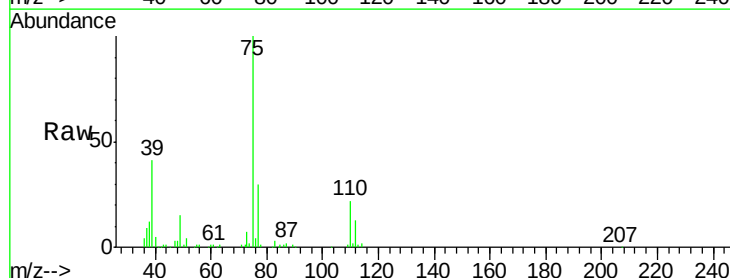
Tgt Ion: 75 Resp: 151316

Ion Ratio Lower Upper

75 100

77 30.5 24.6 37.0

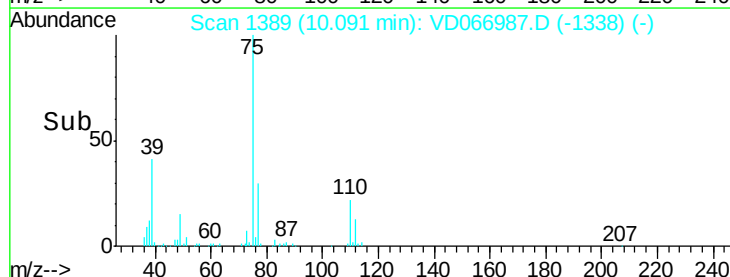
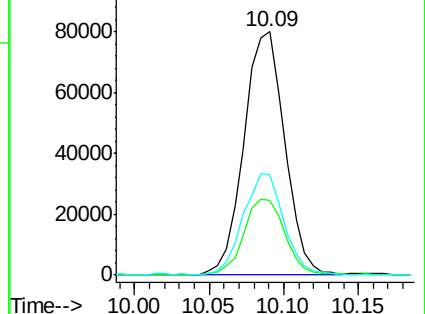
39 40.9 33.0 49.4

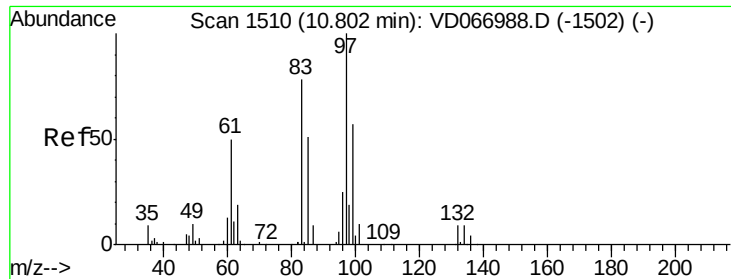


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 21.236 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 74136

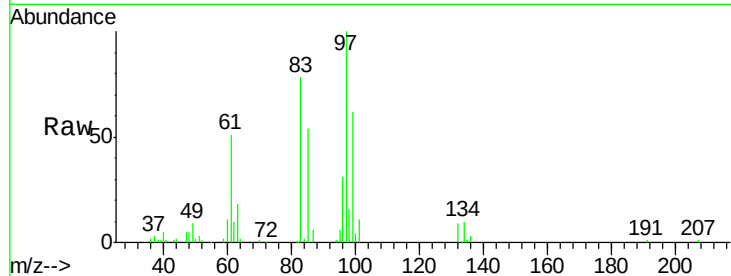
Ion Ratio Lower Upper

97 100

83 78.4 62.4 93.6

85 53.8 41.0 61.4

99 61.6 45.9 68.9

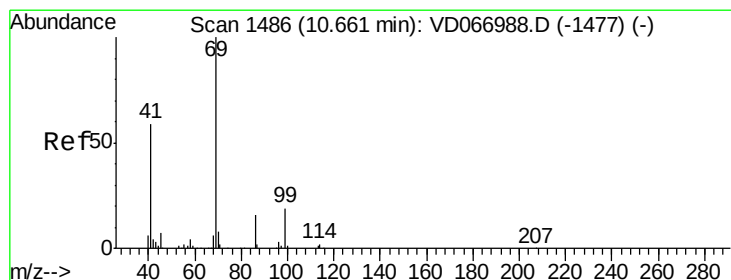
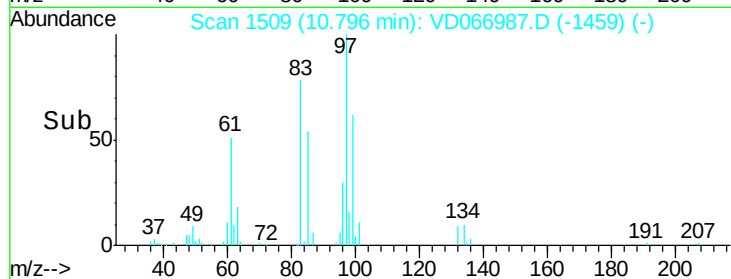
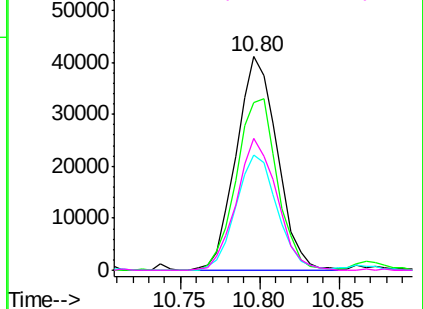


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 20.493 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

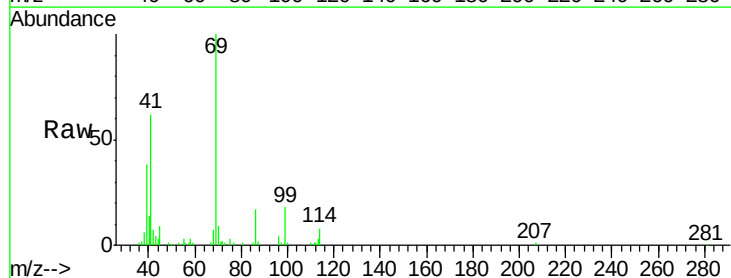
Tgt Ion: 69 Resp: 73864

Ion Ratio Lower Upper

69 100

41 60.9 46.4 69.6

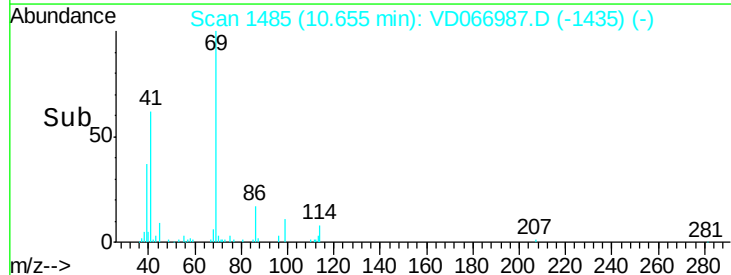
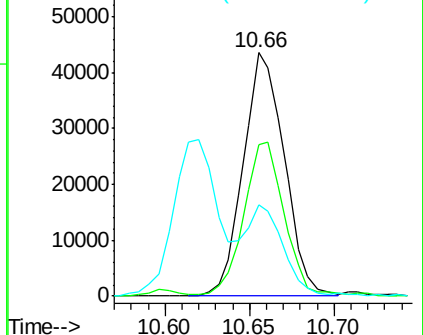
39 32.7 23.8 35.6

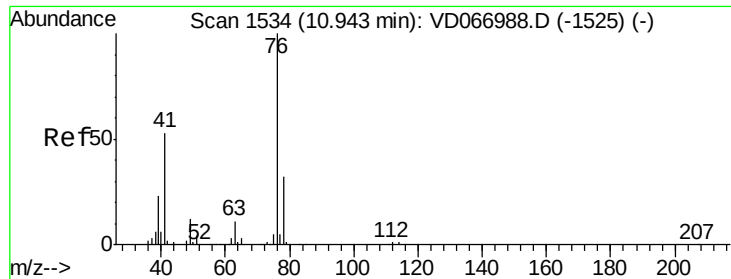


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

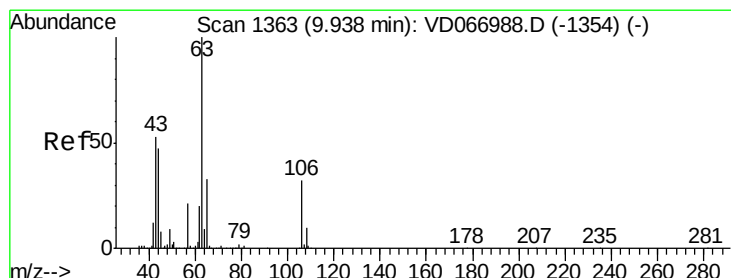
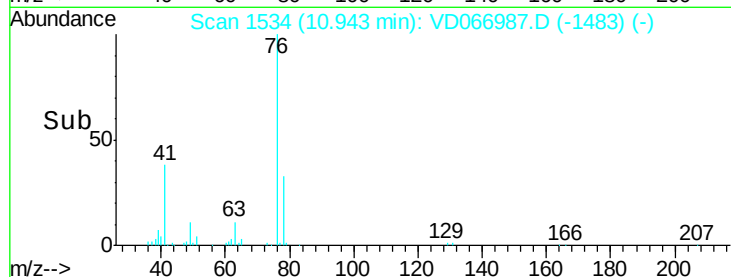
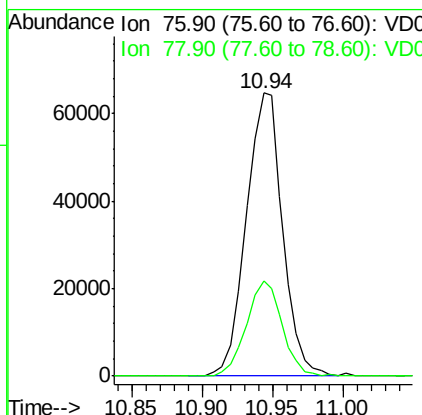
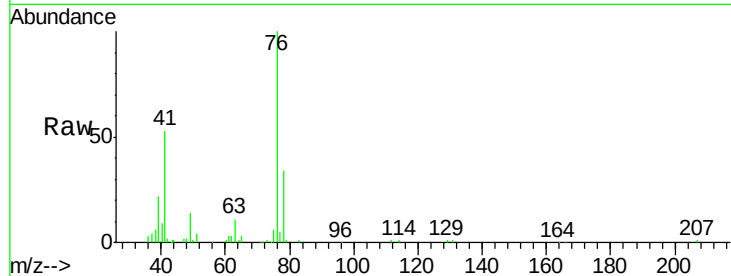




#57
 1,3-Dichloropropane
 Concen: 20.666 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

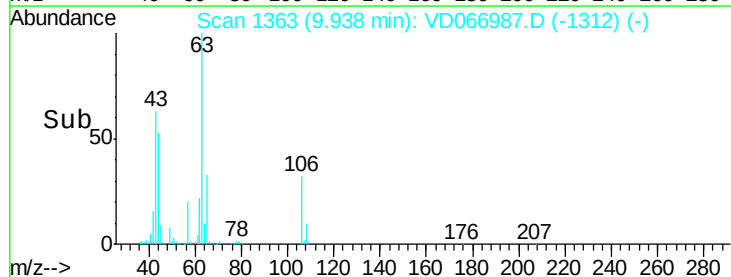
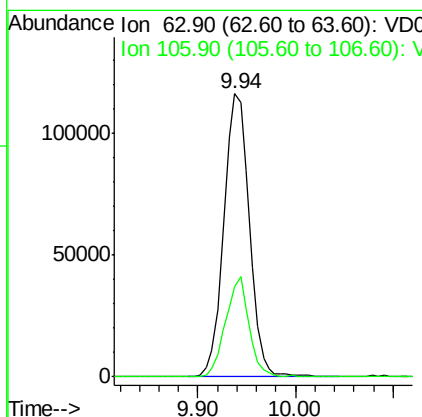
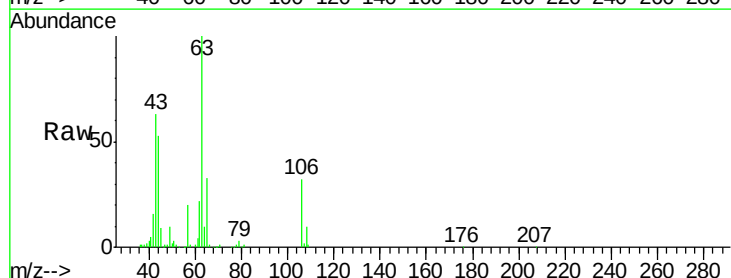
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

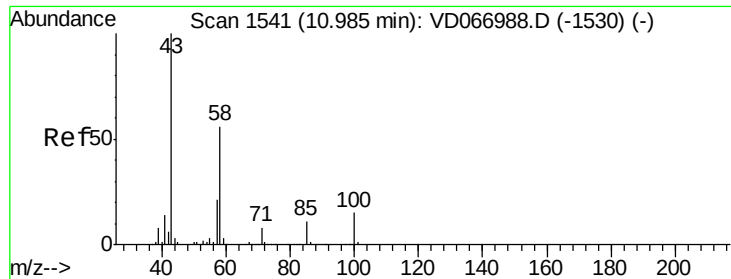
Tgt Ion: 76 Resp: 116993
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.108 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Tgt Ion: 63 Resp: 210861
 Ion Ratio Lower Upper
 63 100
 106 32.4 25.3 37.9

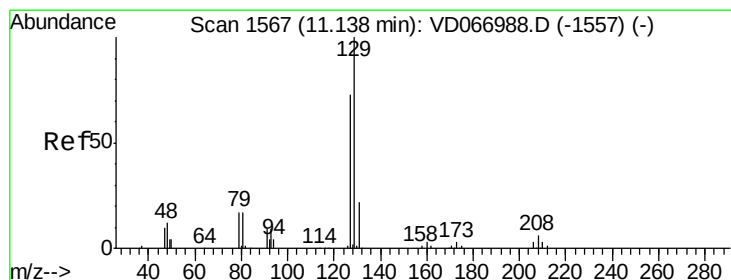
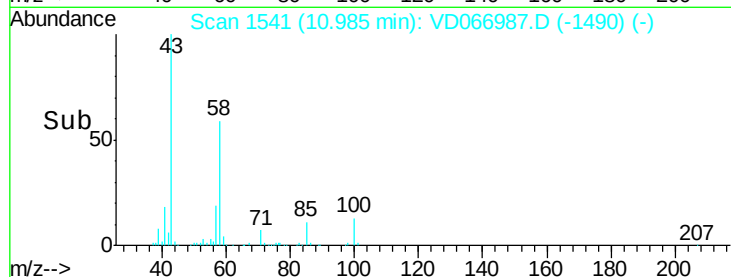
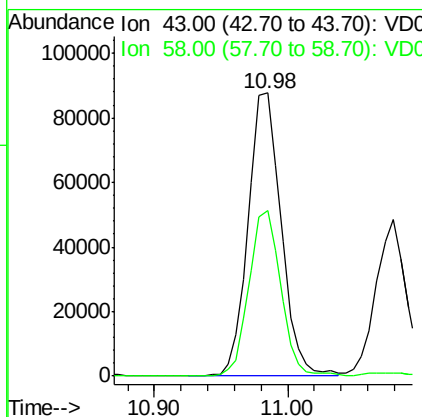
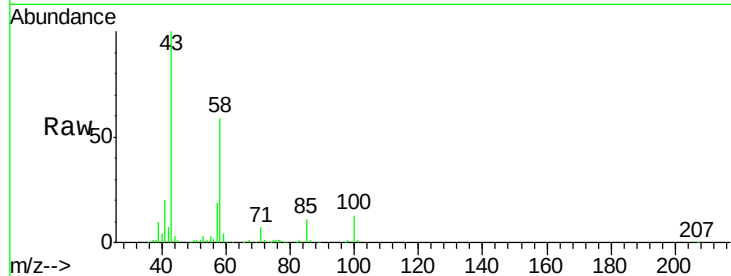




#59
2-Hexanone
Concen: 105.656 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

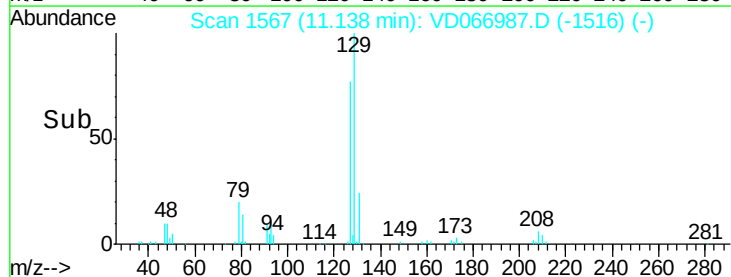
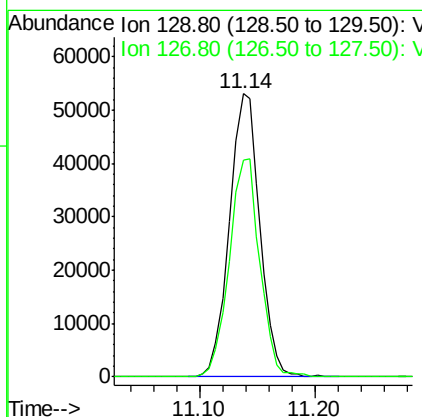
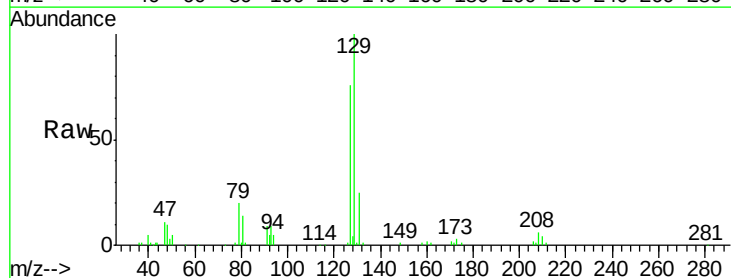
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

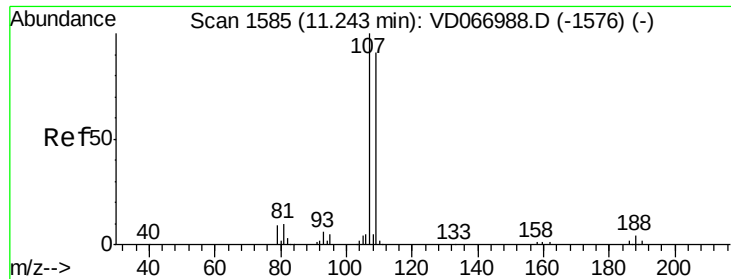
Tgt Ion: 43 Resp: 150068
Ion Ratio Lower Upper
43 100
58 56.3 28.3 84.9



#60
Dibromochloromethane
Concen: 20.798 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion: 129 Resp: 96775
Ion Ratio Lower Upper
129 100
127 77.2 37.4 112.1

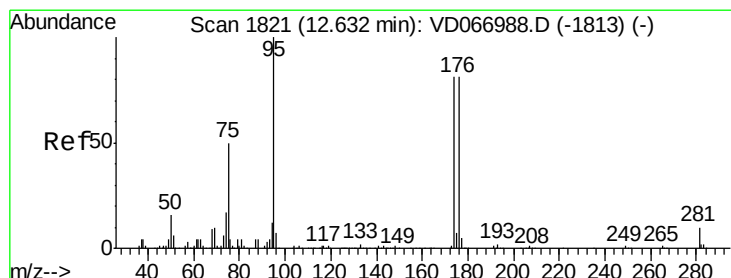
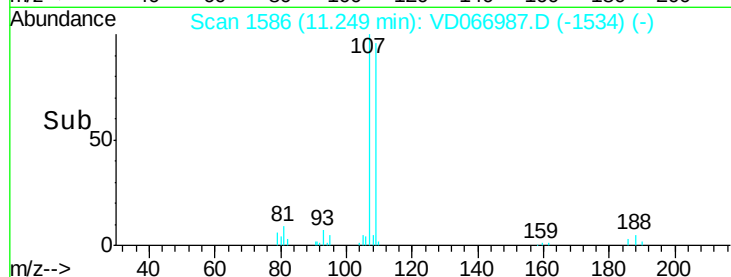
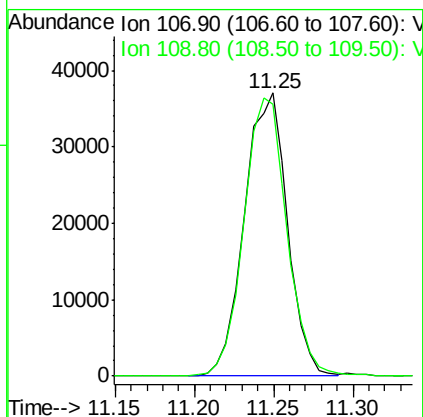
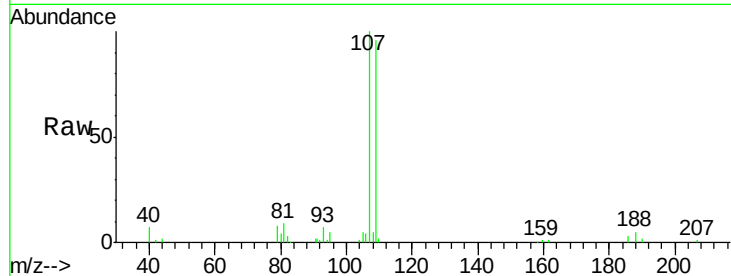




#61
 1,2-Dibromoethane
 Concen: 20.776 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

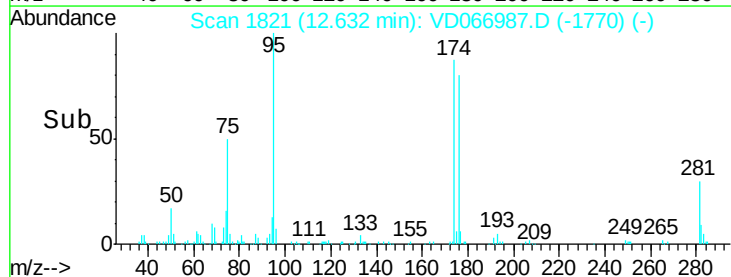
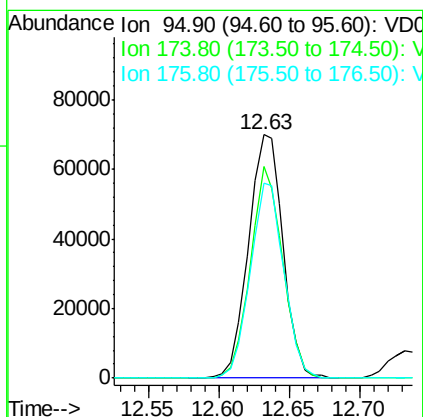
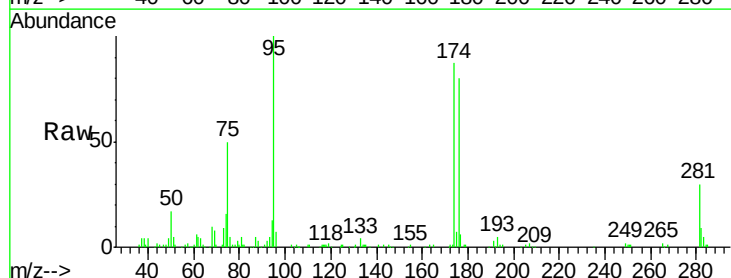
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

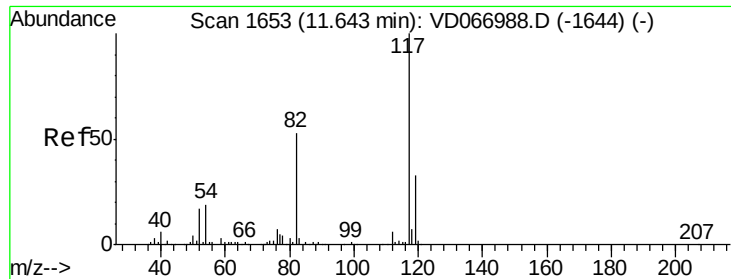
Tgt Ion: 107 Resp: 69681
 Ion Ratio Lower Upper
 107 100
 109 98.8 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 20.623 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Tgt Ion: 95 Resp: 119952
 Ion Ratio Lower Upper
 95 100
 174 81.4 0.0 167.6
 176 78.0 0.0 162.4

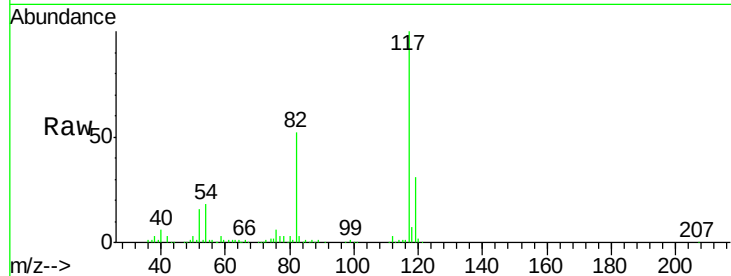




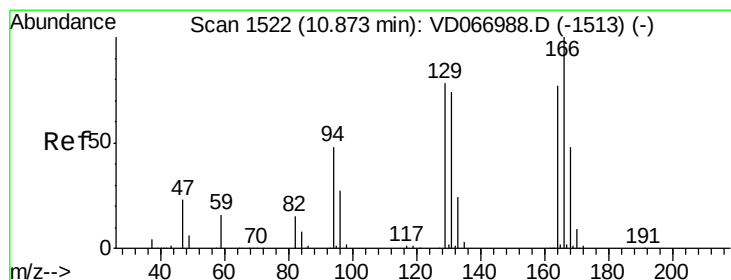
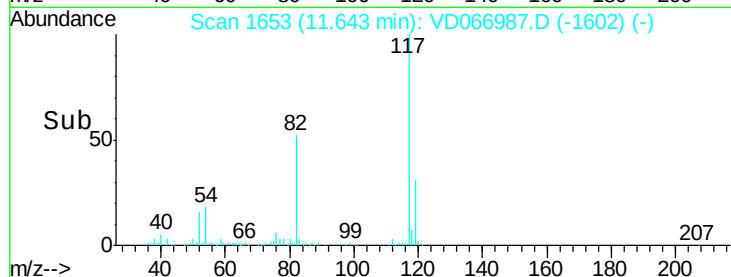
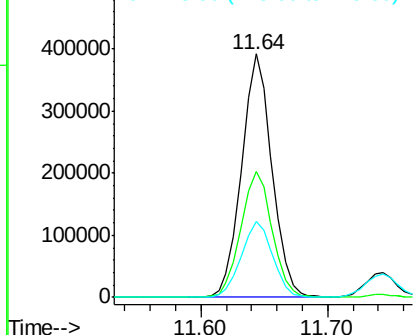
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 651054
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 31.4 26.3 39.5

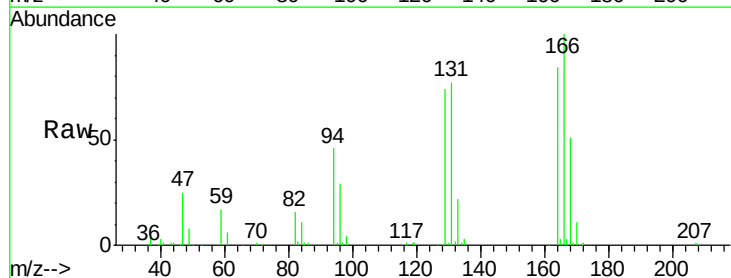


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

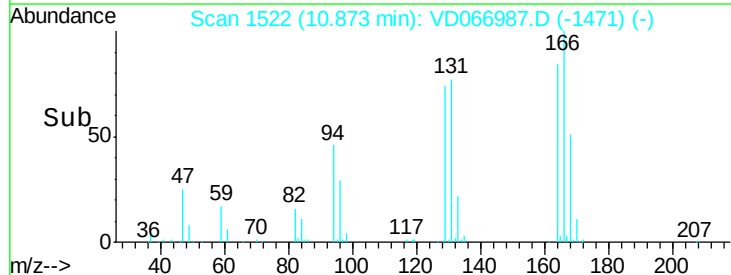
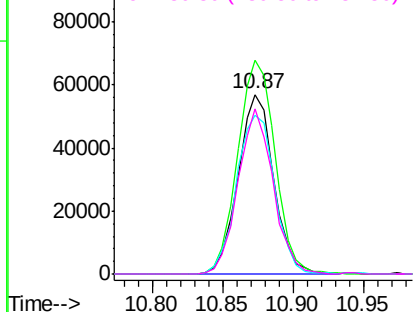


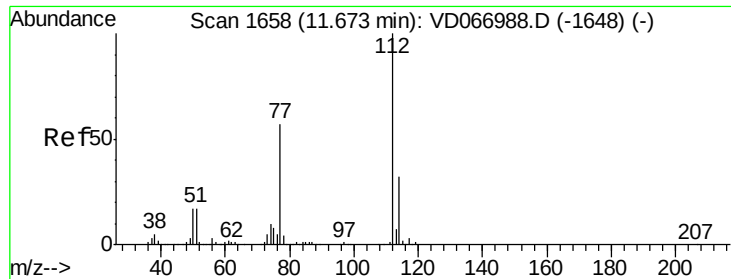
#64
Tetrachloroethene
Concen: 21.230 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion:164 Resp: 100483
Ion Ratio Lower Upper
164 100
166 118.9 104.4 156.6
129 88.0 81.3 121.9
131 91.6 77.1 115.7



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

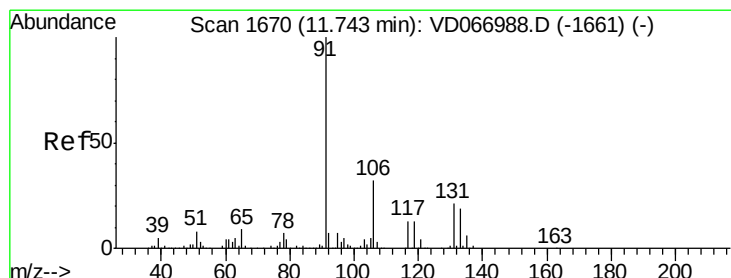
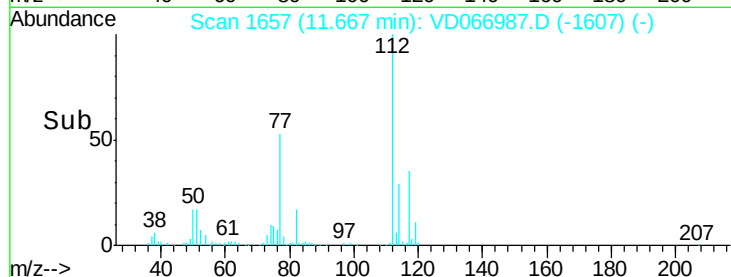
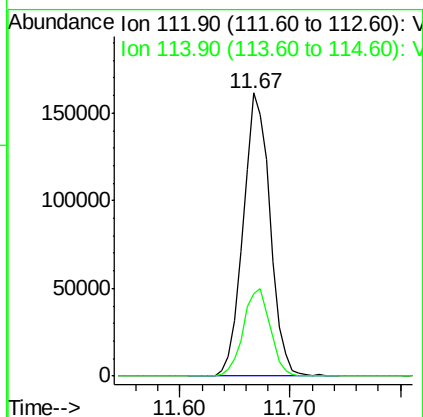
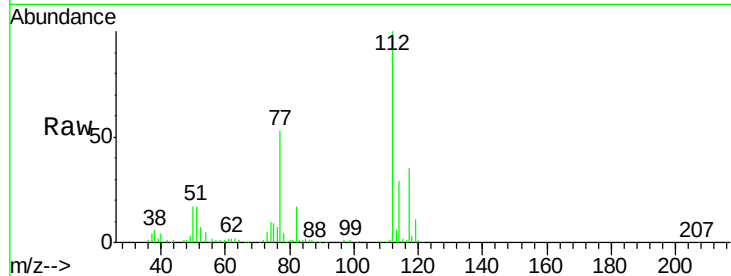




#65
Chlorobenzene
Concen: 21.329 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

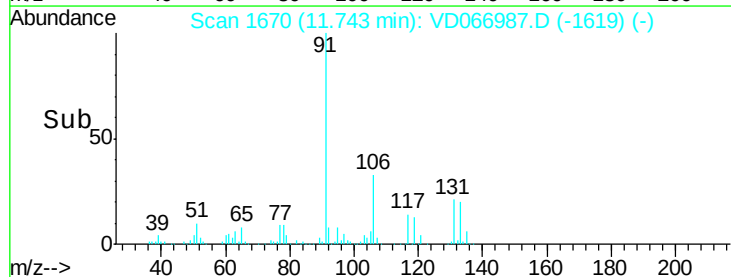
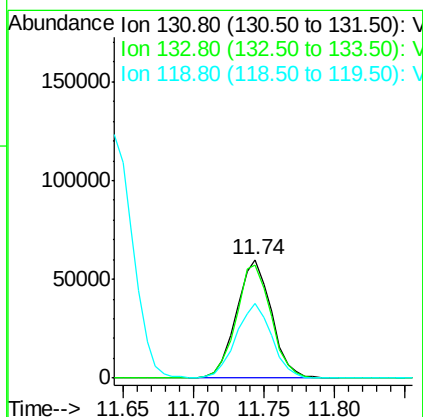
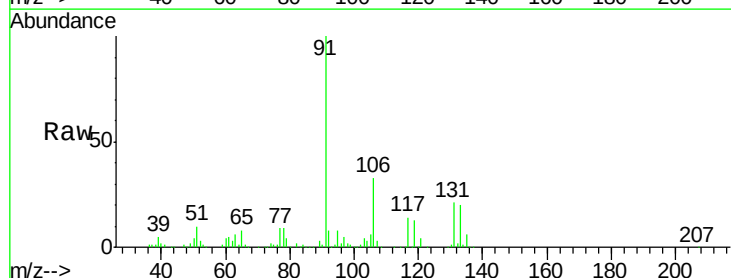
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

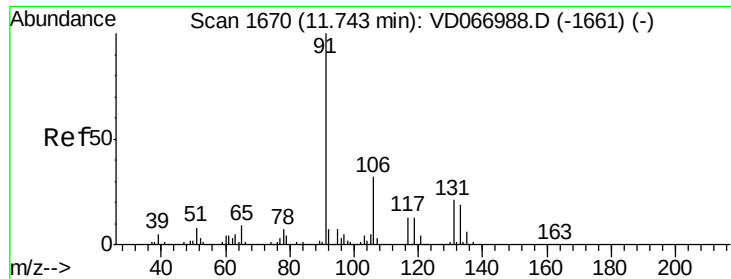
Tgt Ion:112 Resp: 276182
Ion Ratio Lower Upper
112 100
114 29.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.110 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion:131 Resp: 103978
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 63.8 32.3 96.8

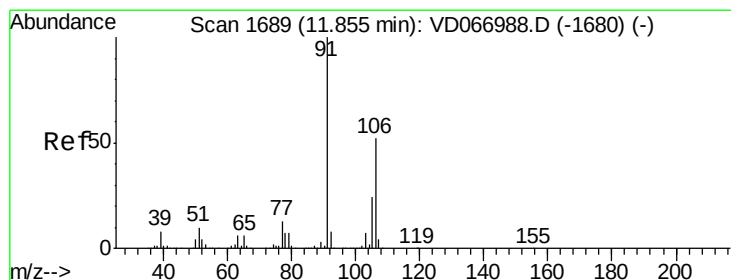
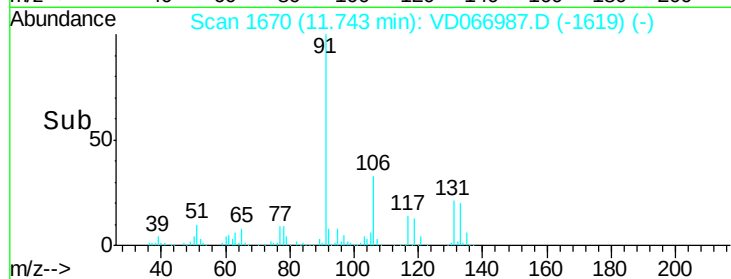
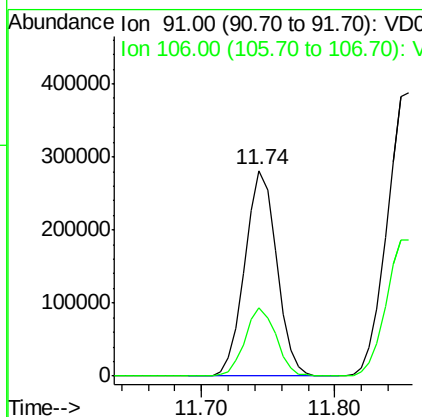
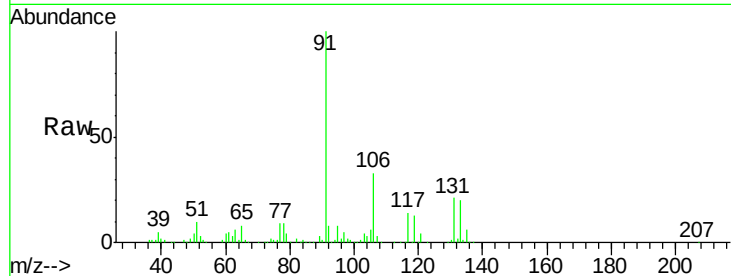




#67
Ethyl Benzene
Concen: 20.894 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

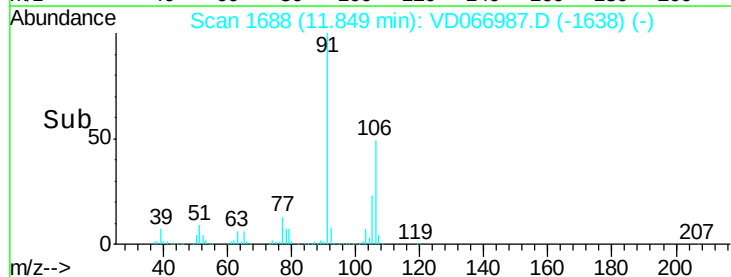
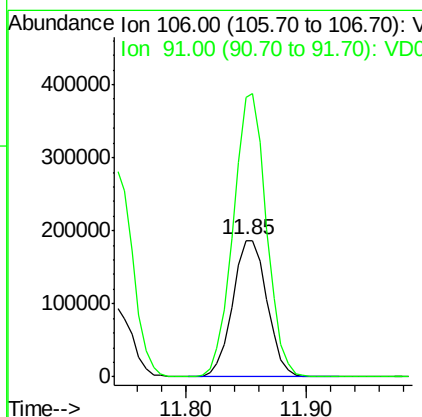
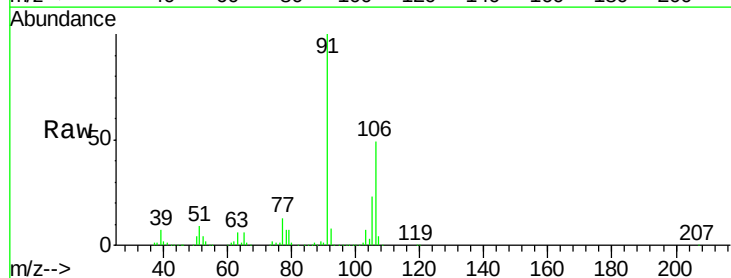
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

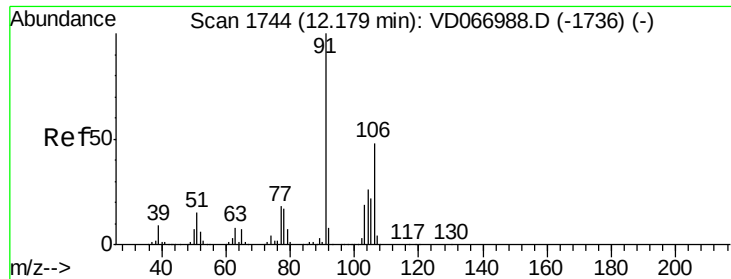
Tgt Ion: 91 Resp: 463565
Ion Ratio Lower Upper
91 100
106 33.4 25.4 38.2



#68
m/p-Xylenes
Concen: 42.870 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion: 106 Resp: 370666
Ion Ratio Lower Upper
106 100
91 199.2 158.4 237.6

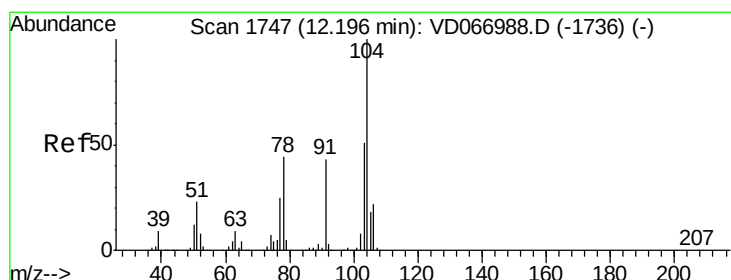
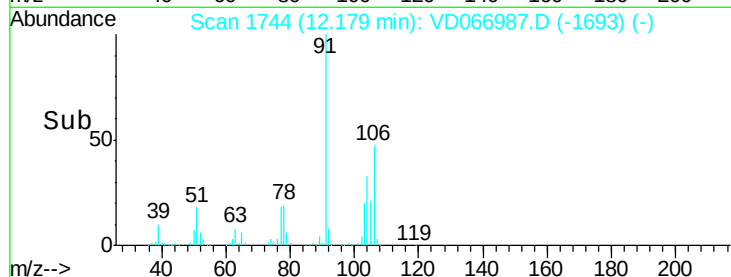
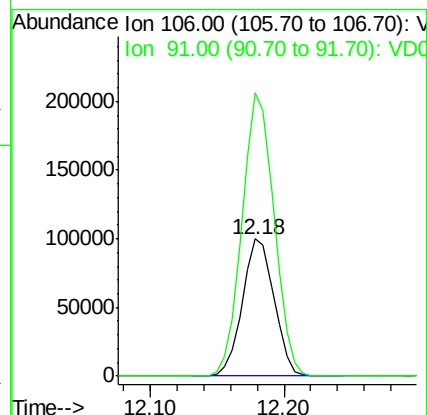
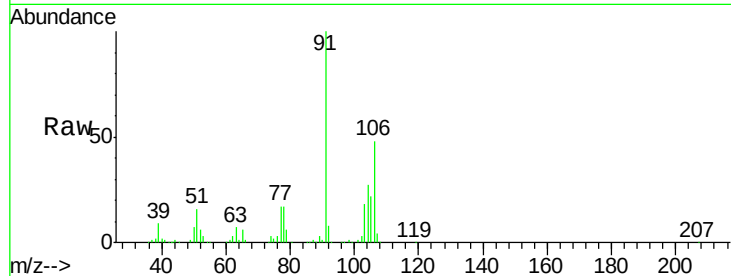




#69
o-Xylene
Concen: 21.283 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

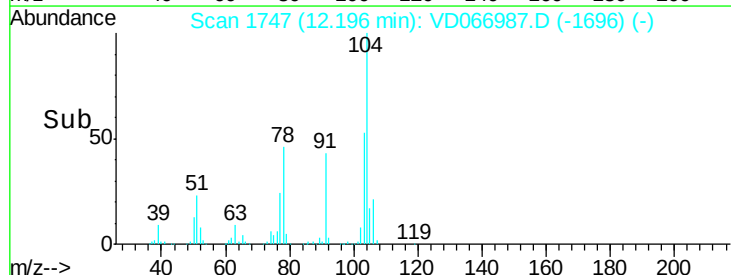
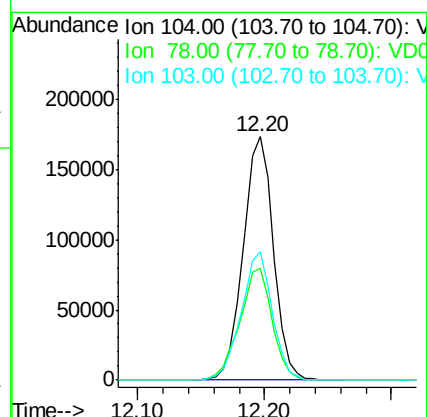
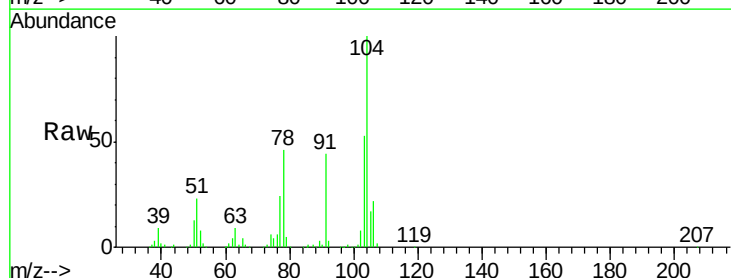
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

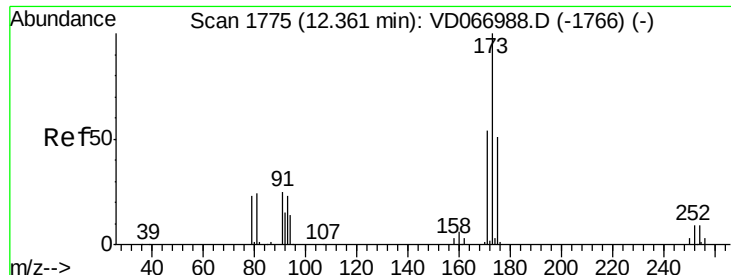
Tgt Ion:106 Resp: 164561
Ion Ratio Lower Upper
106 100
91 208.3 102.4 307.2



#70
Styrene
Concen: 21.602 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion:104 Resp: 286810
Ion Ratio Lower Upper
104 100
78 49.5 38.6 58.0
103 54.2 43.4 65.0

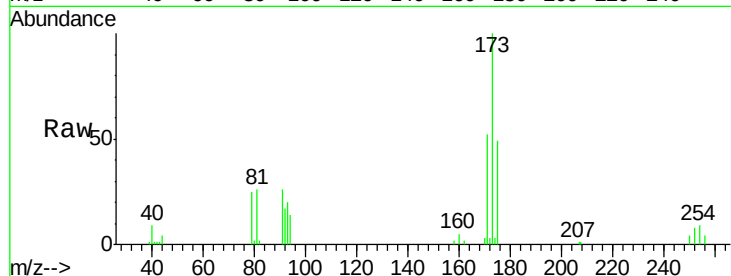




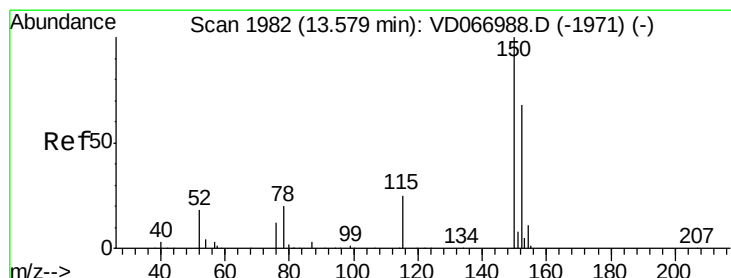
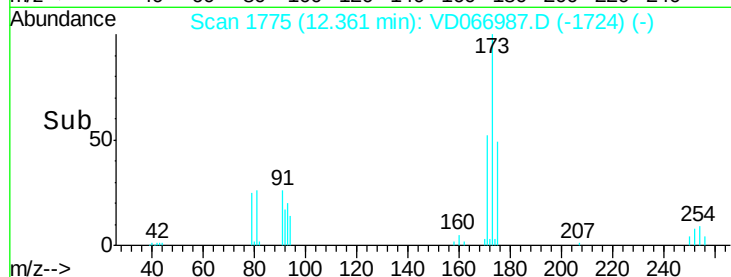
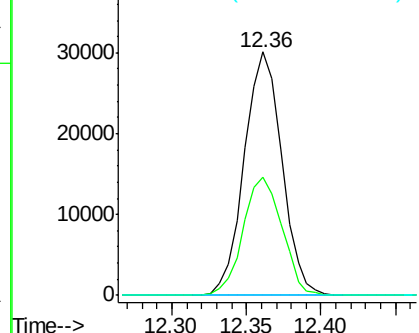
#71
Bromoform
Concen: 20.529 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 52487
Ion Ratio Lower Upper
173 100
175 50.0 24.9 74.7
254 0.0 0.2 0.4#

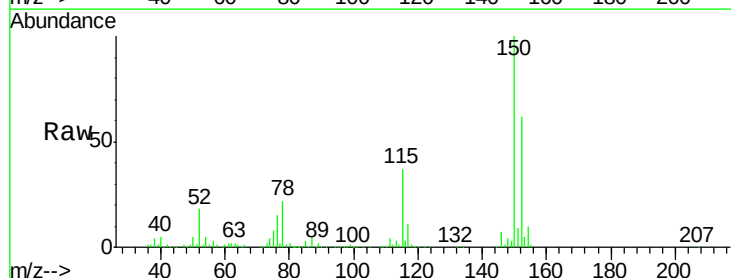


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

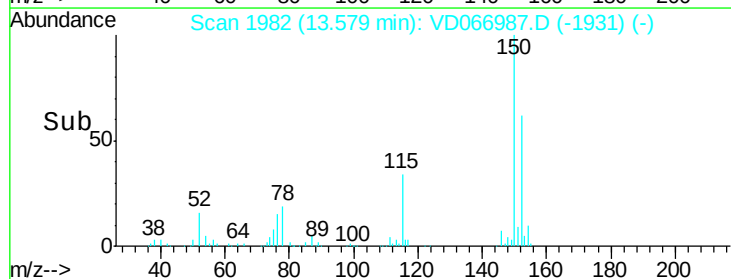
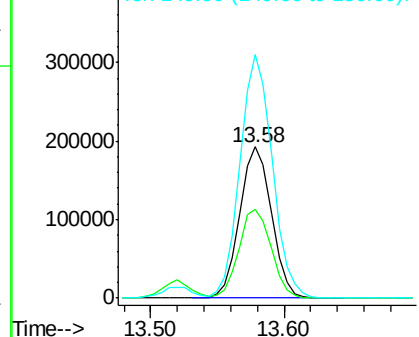


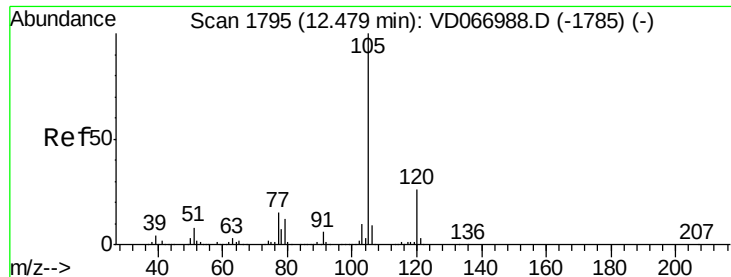
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion:152 Resp: 317414
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.8
150 163.7 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: 20.792 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

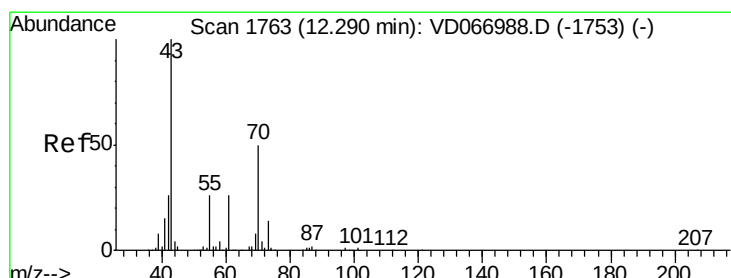
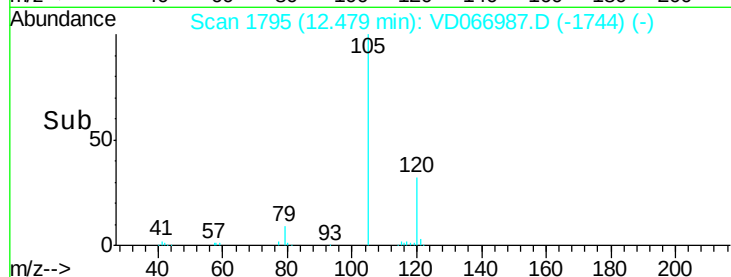
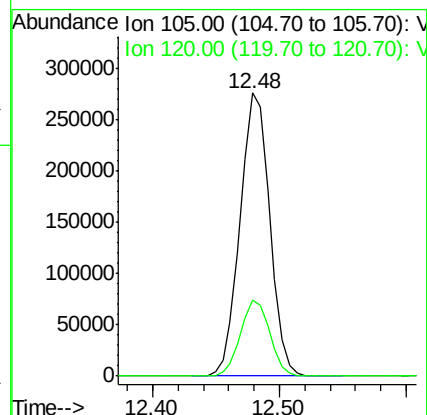
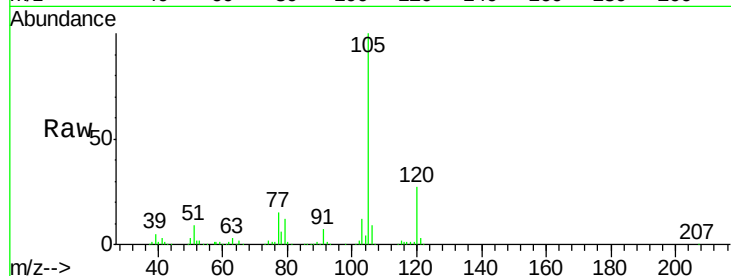
VSTDIC020

Tgt Ion:105 Resp: 448119

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-amyl acetate

Concen: 20.762 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Tgt Ion: 43 Resp: 80441

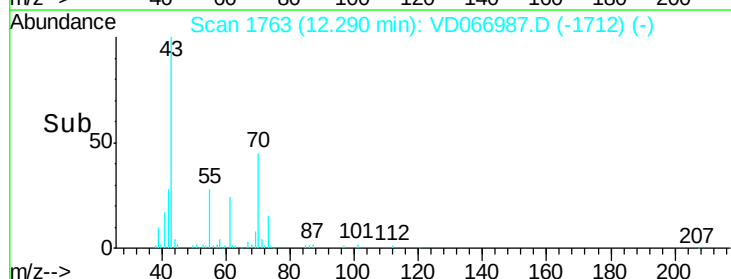
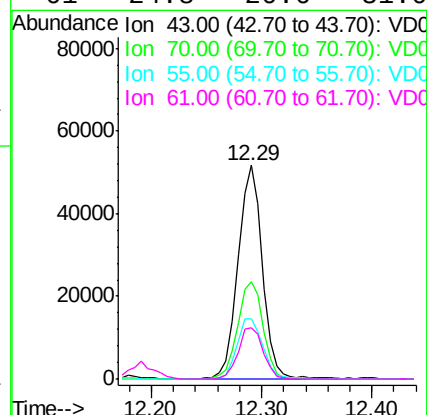
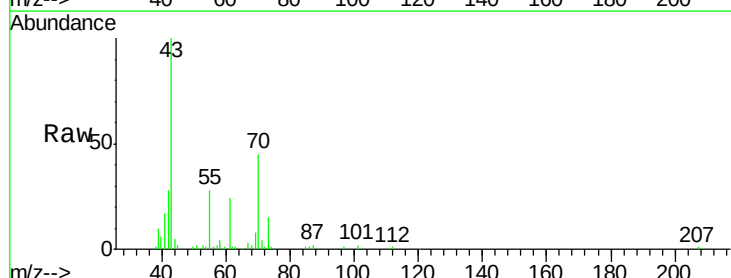
Ion Ratio Lower Upper

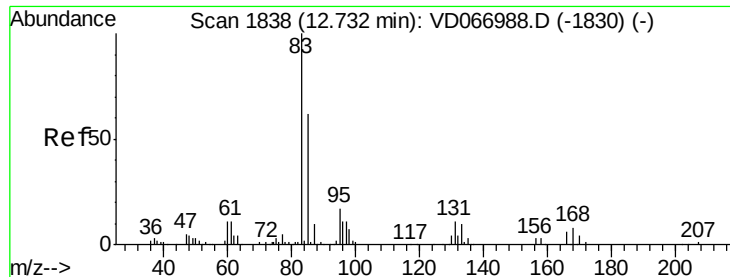
43 100

70 47.3 38.2 57.2

55 29.9 22.4 33.6

61 24.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.864 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

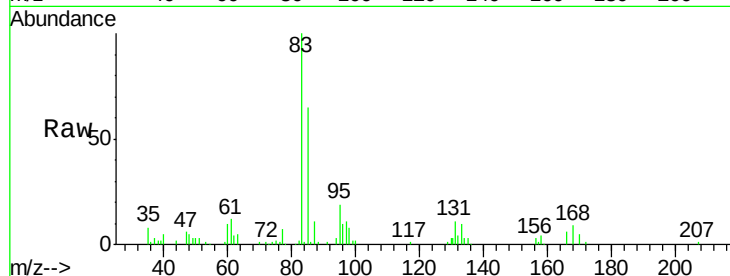
Tgt Ion: 83 Resp: 75764

Ion Ratio Lower Upper

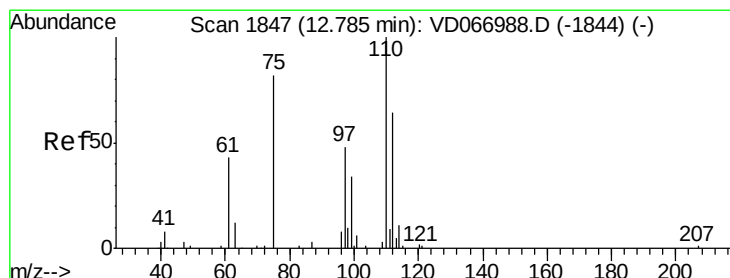
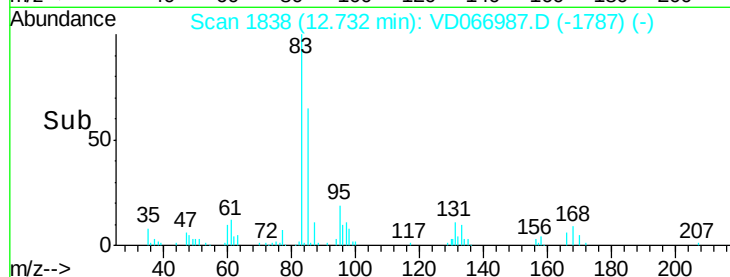
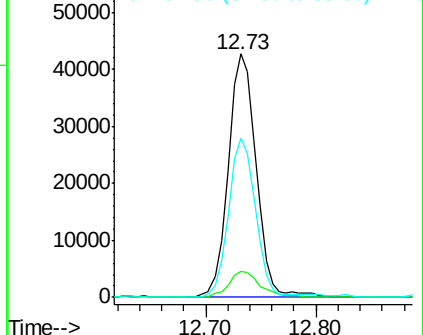
83 100

131 11.8 5.7 17.0

85 62.8 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: 36.048 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066987.D

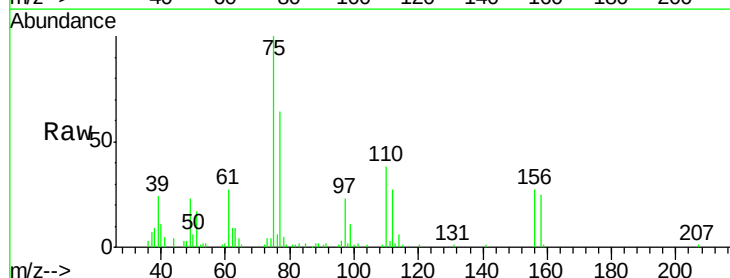
Acq: 01 Oct 2020 12:20

Tgt Ion: 75 Resp: 97530

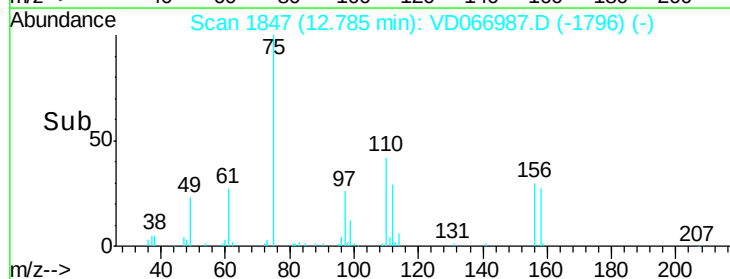
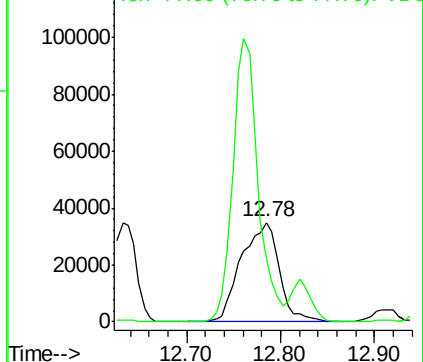
Ion Ratio Lower Upper

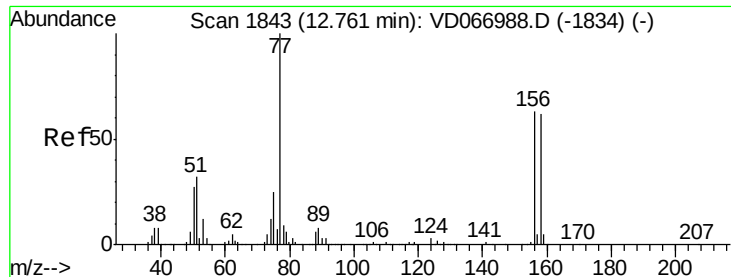
75 100

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: 20.907 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

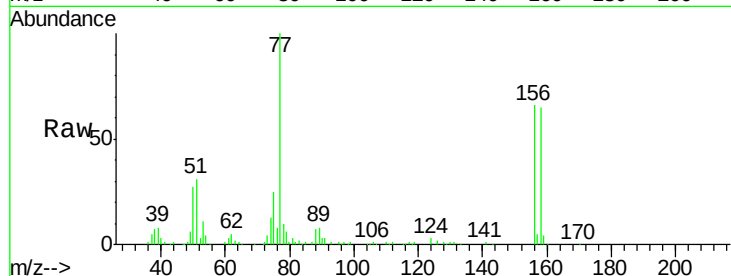
Tgt Ion:156 Resp: 108807

Ion Ratio Lower Upper

156 100

77 170.4 86.3 258.8

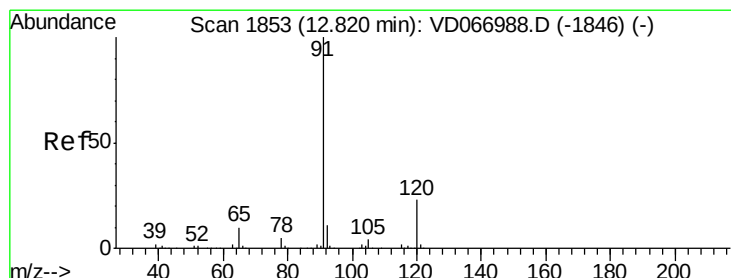
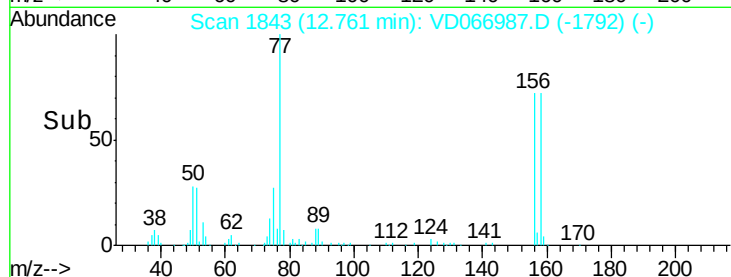
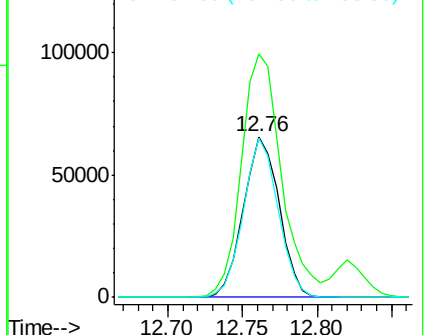
158 96.4 49.5 148.3



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: 21.098 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066987.D

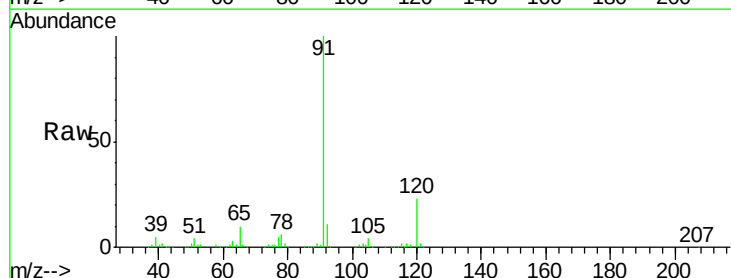
Acq: 01 Oct 2020 12:20

Tgt Ion: 91 Resp: 537406

Ion Ratio Lower Upper

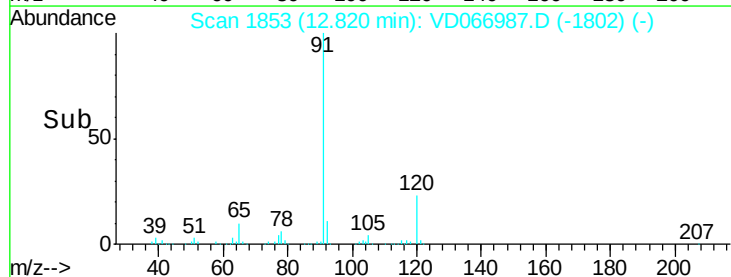
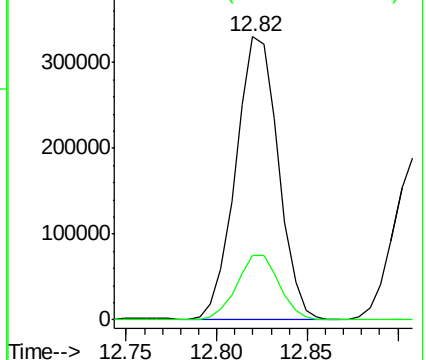
91 100

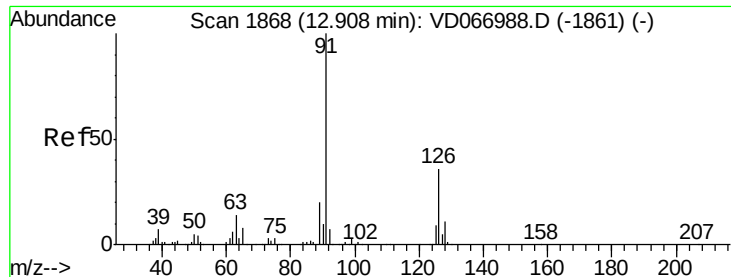
120 22.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

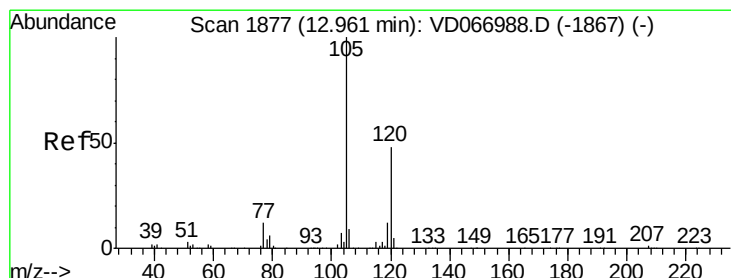
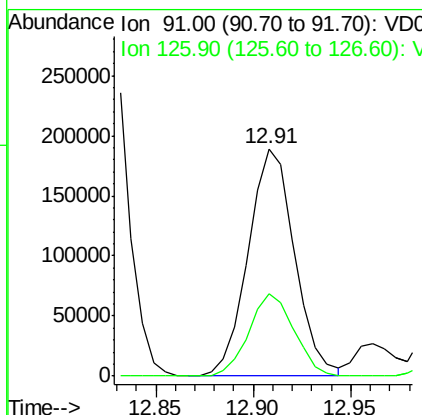
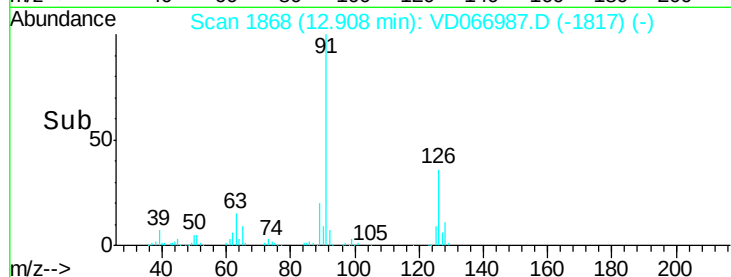
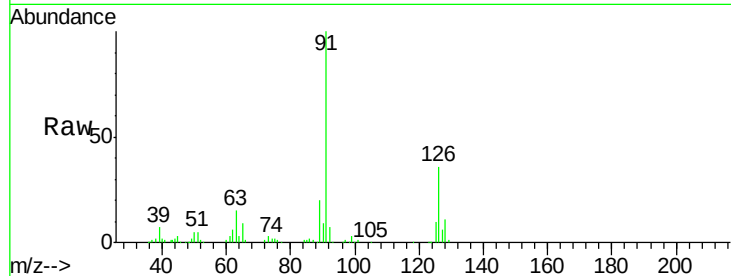




#79
 2-Chlorotoluene
 Concen: 21.269 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

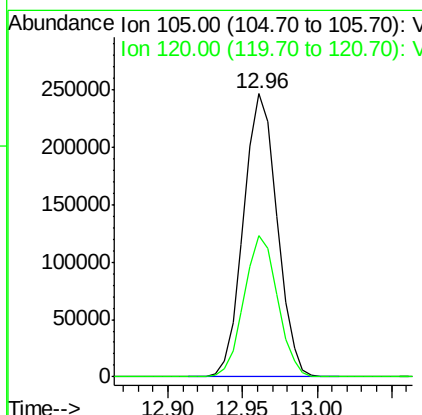
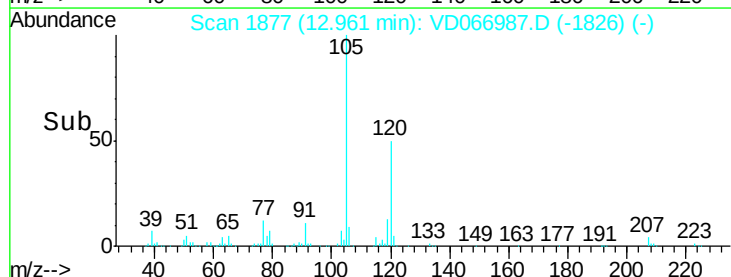
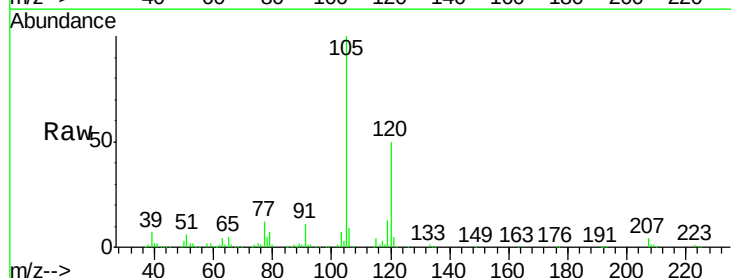
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

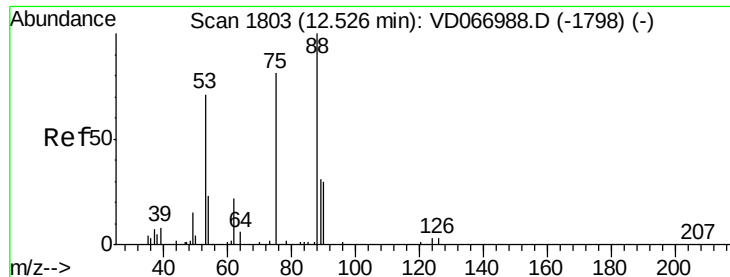
Tgt Ion: 91 Resp: 309962
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.107 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Tgt Ion: 105 Resp: 384355
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.6 74.0

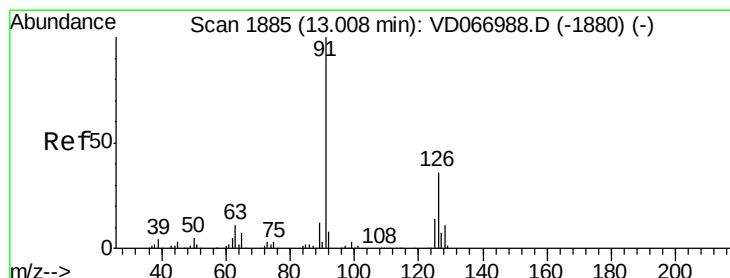
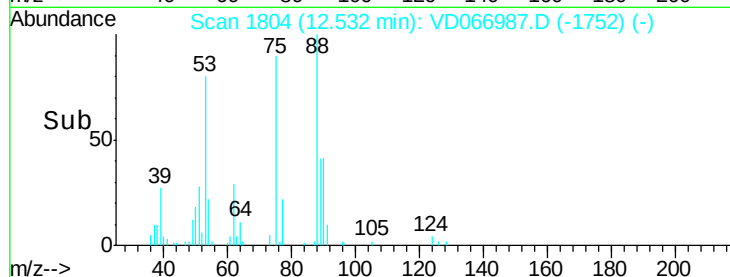
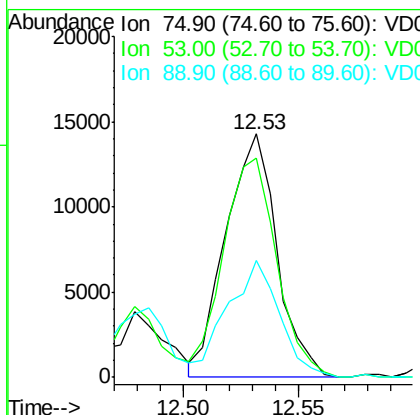
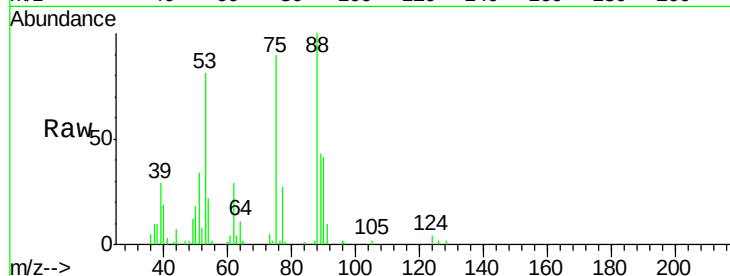




#81
trans-1,4-Dichloro-2-butene
Concen: 19.933 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

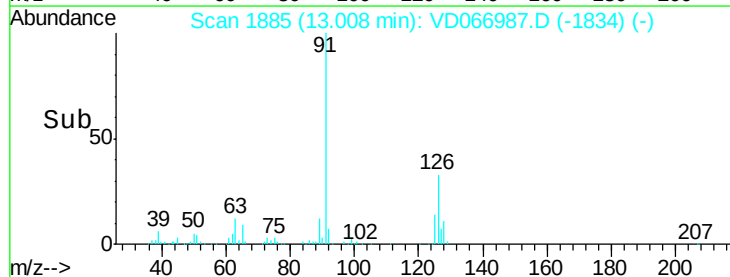
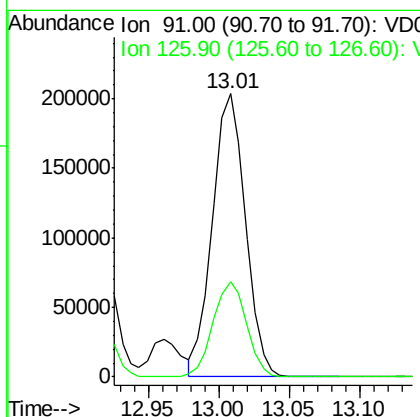
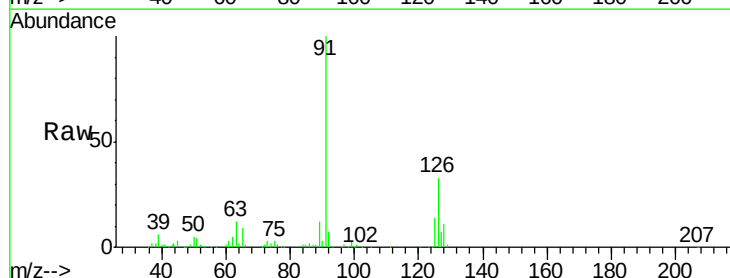
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

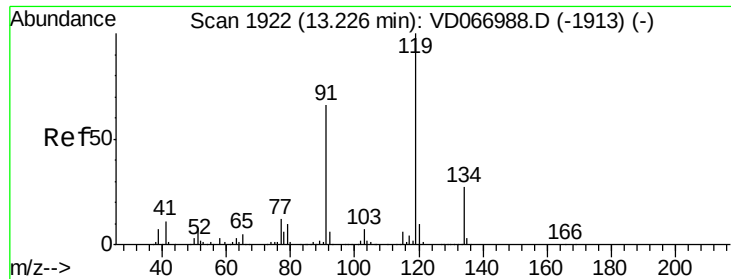
Tgt Ion: 75 Resp: 22105
Ion Ratio Lower Upper
75 100
53 93.6 73.8 110.6
89 48.6 38.9 58.3



#82
4-Chlorotoluene
Concen: 21.295 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion: 91 Resp: 330195
Ion Ratio Lower Upper
91 100
126 34.3 17.5 52.5

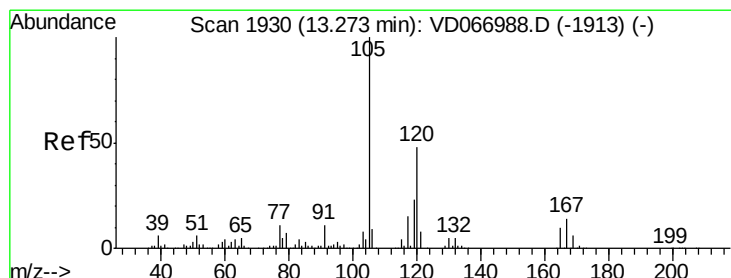
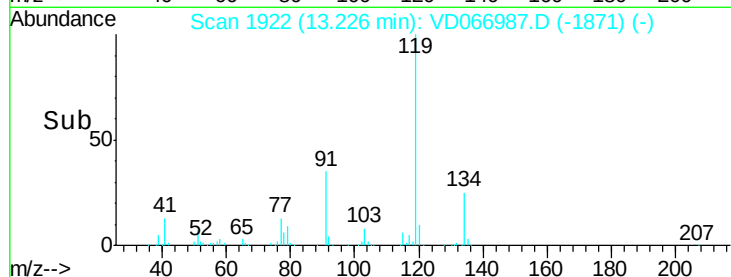
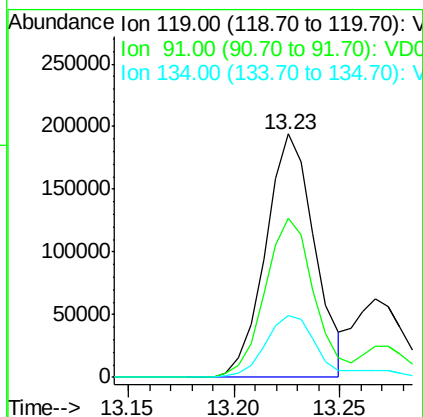
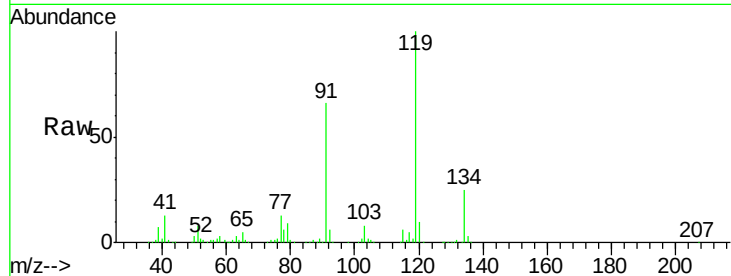




#83
 tert-Butylbenzene
 Concen: 20.426 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

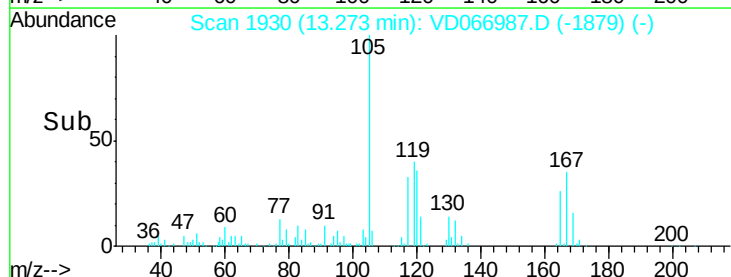
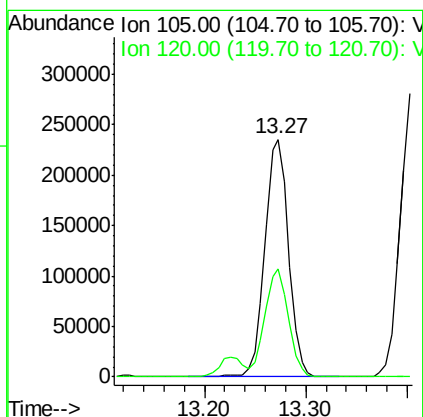
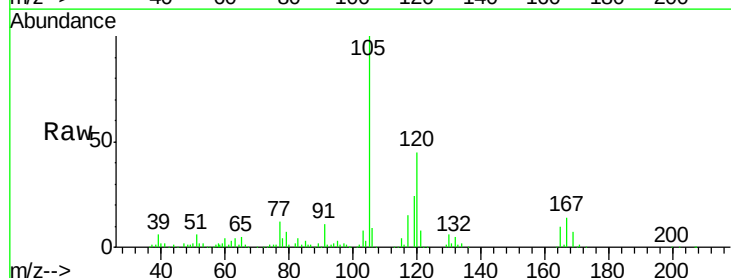
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

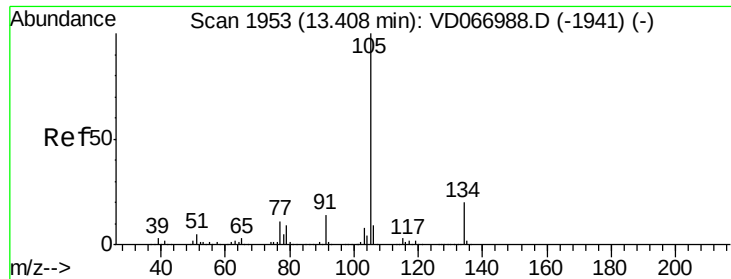
Tgt Ion:119 Resp: 313225
 Ion Ratio Lower Upper
 119 100
 91 66.2 32.8 98.3
 134 28.3 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.279 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Tgt Ion:105 Resp: 386701
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.844 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

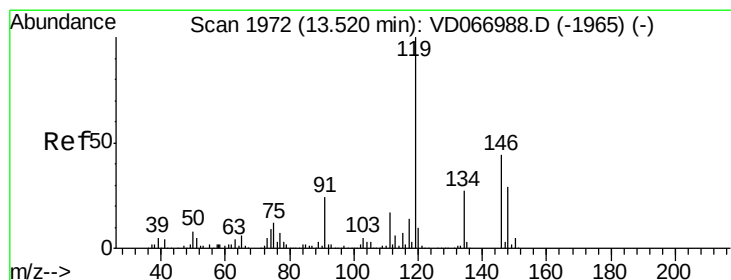
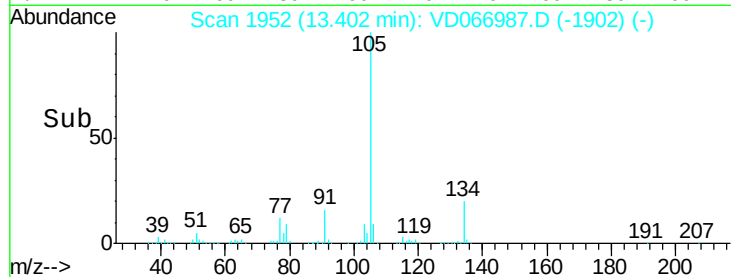
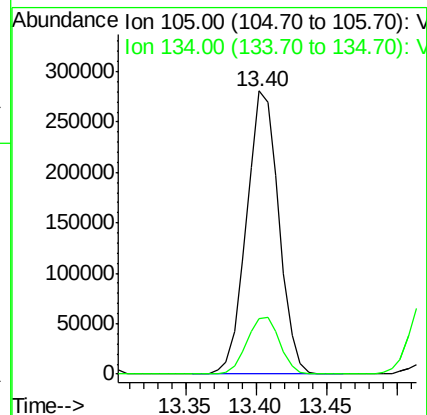
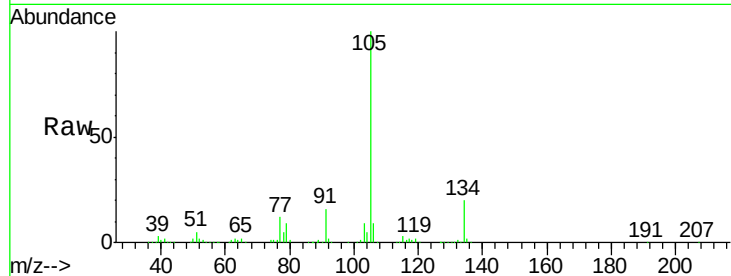
VSTDIC020

Tgt Ion:105 Resp: 450111

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.992 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066987.D

Acq: 01 Oct 2020 12:20

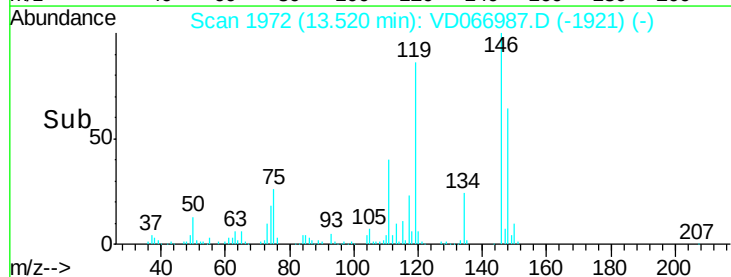
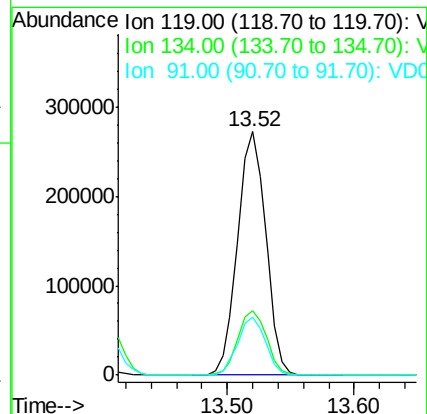
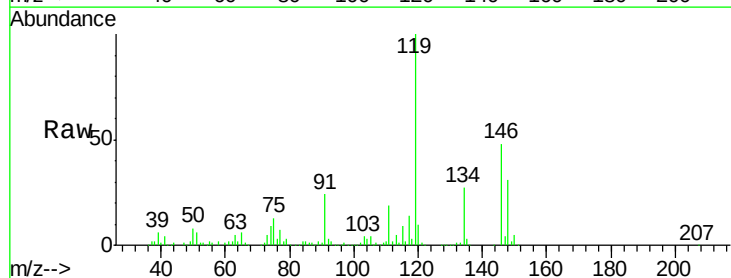
Tgt Ion:119 Resp: 420263

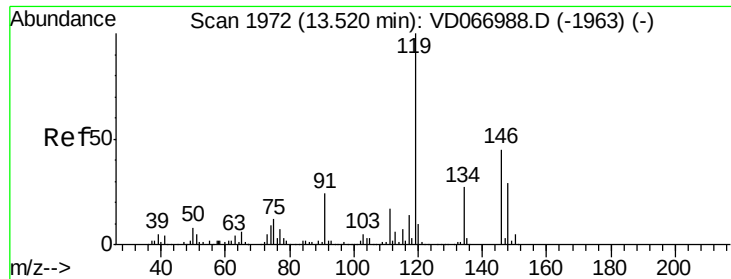
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.1

91 23.2 11.7 35.1

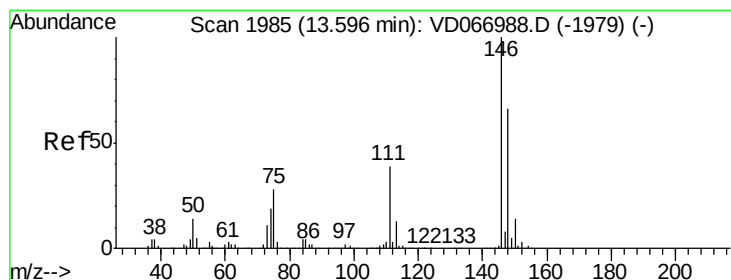
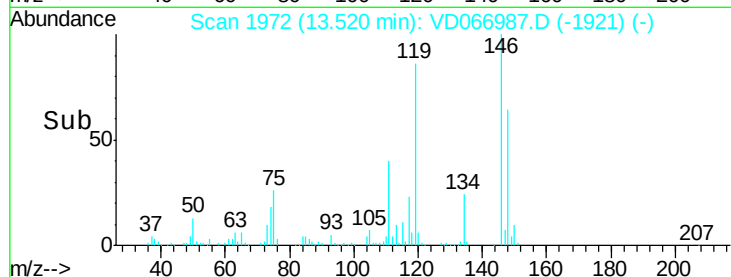
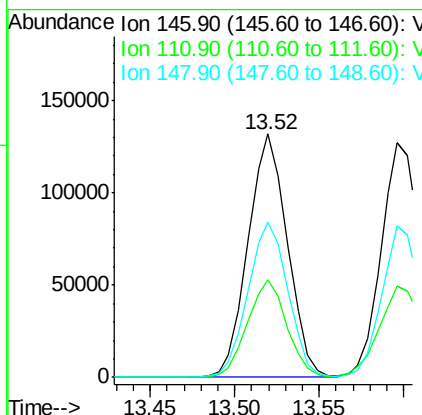
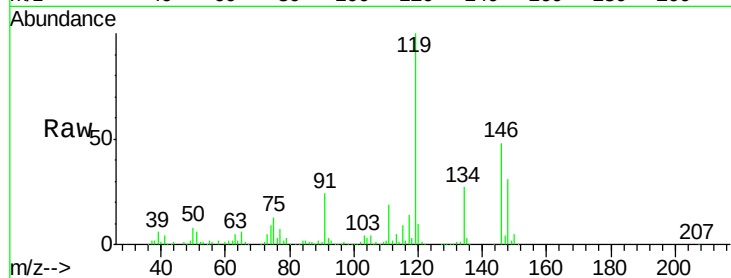




#87
 1,3-Dichlorobenzene
 Concen: 21.119 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

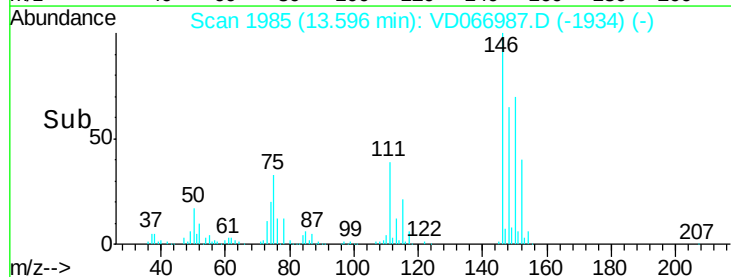
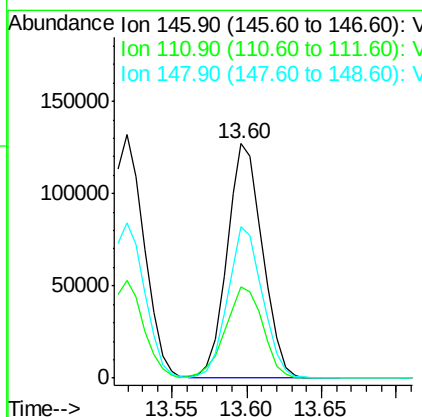
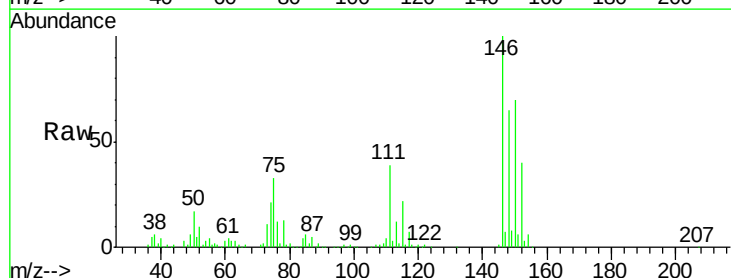
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

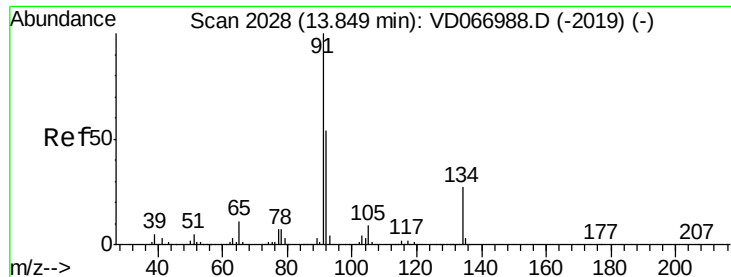
Tgt Ion:146 Resp: 214077
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 64.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.728 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Tgt Ion:146 Resp: 210093
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.6 58.7
 148 63.8 32.6 97.7

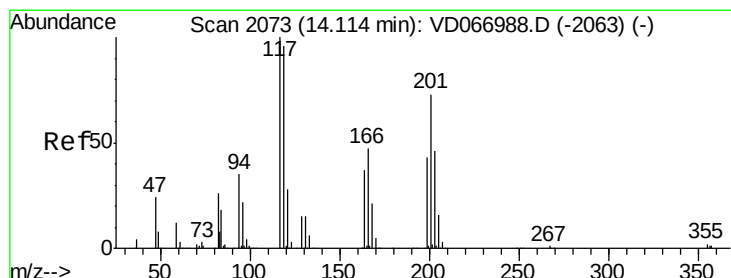
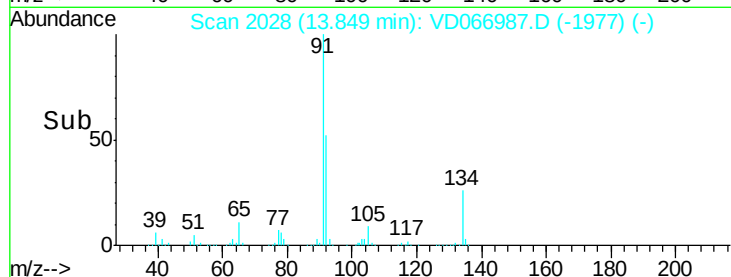
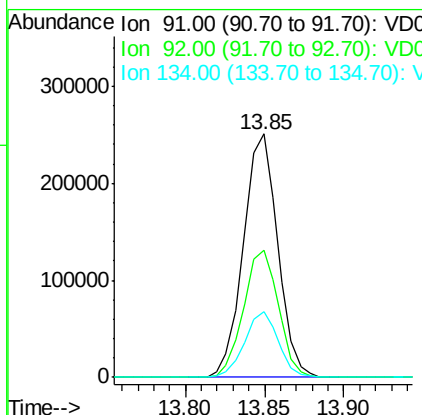
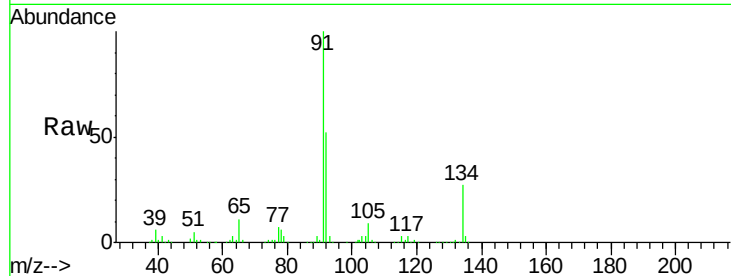




#89
n-Butylbenzene
Concen: 20.641 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

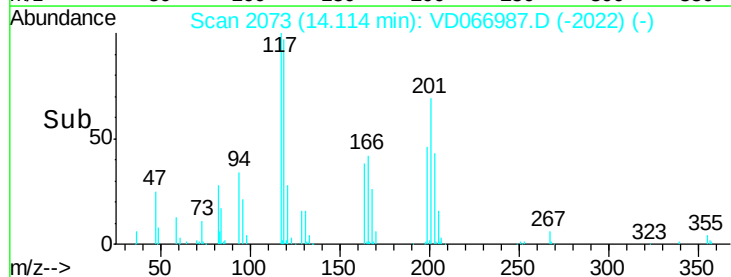
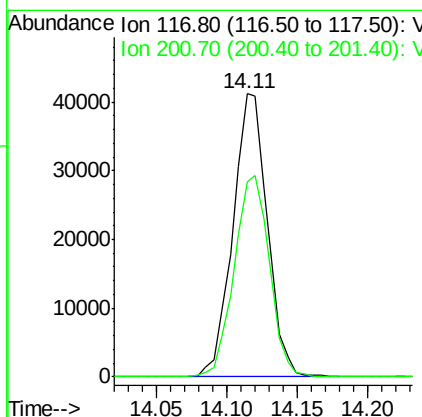
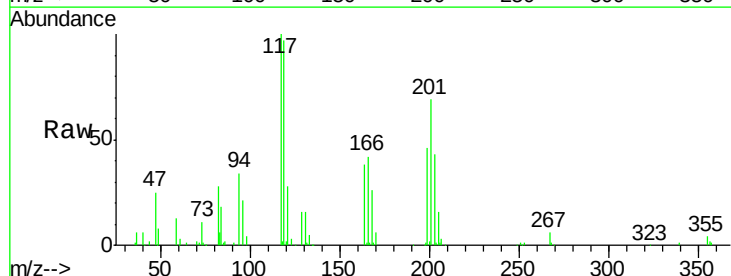
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

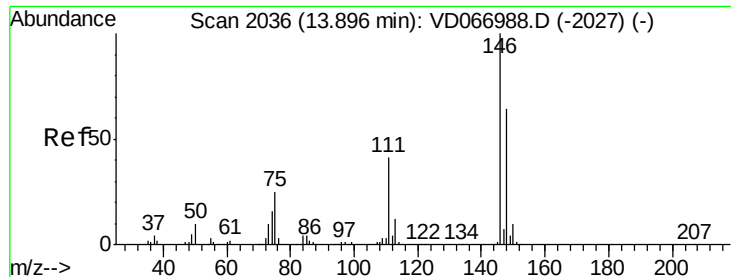
Tgt Ion: 91 Resp: 377667
Ion Ratio Lower Upper
91 100
92 53.0 27.1 81.2
134 26.5 13.6 40.8



#90
Hexachloroethane
Concen: 19.965 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion: 117 Resp: 70015
Ion Ratio Lower Upper
117 100
201 72.9 37.0 110.9

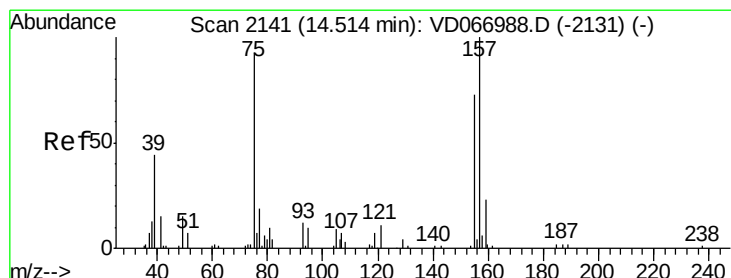
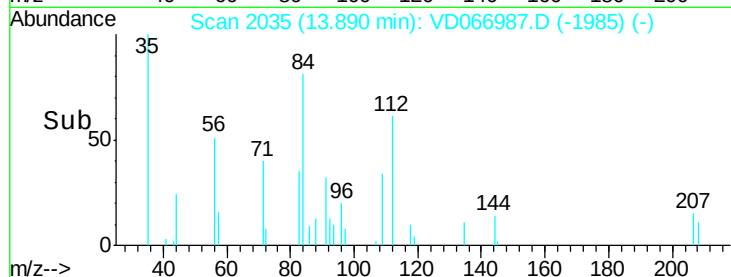
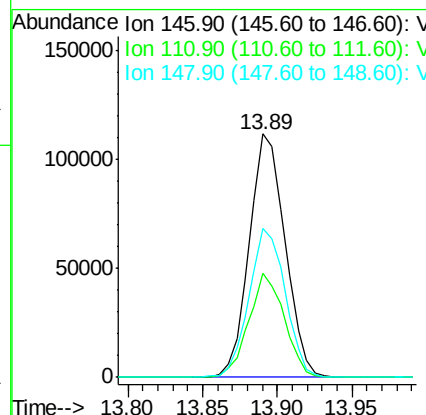
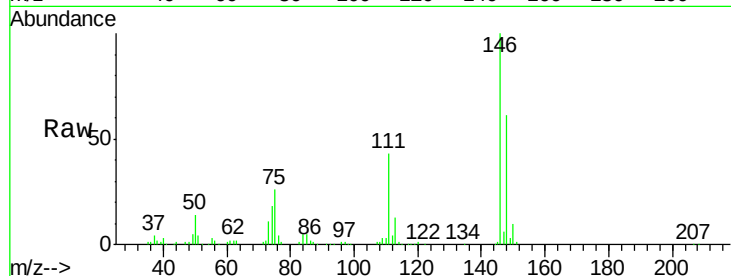




#91
 1,2-Dichlorobenzene
 Concen: 20.876 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

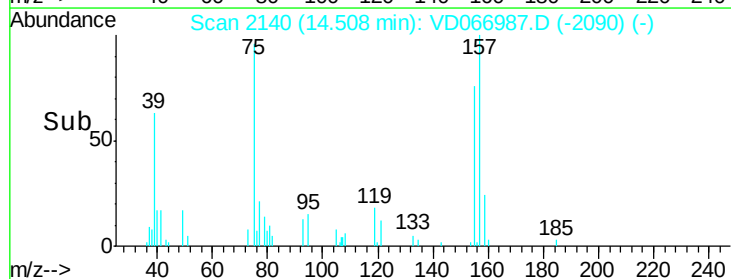
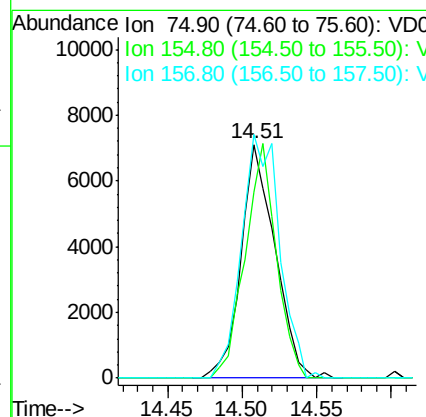
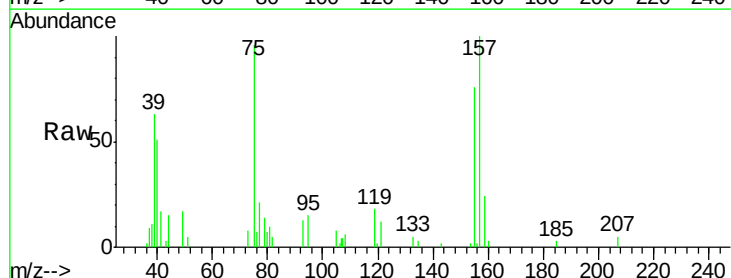
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

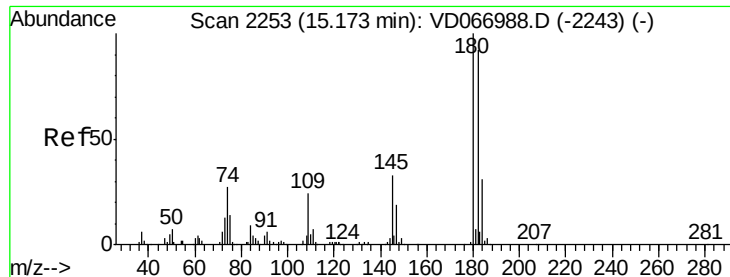
Tgt Ion: 146 Resp: 184818
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.9 62.7
 148 61.9 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.198 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Tgt Ion: 75 Resp: 11238
 Ion Ratio Lower Upper
 75 100
 155 91.6 45.2 135.6
 157 117.1 56.3 168.8

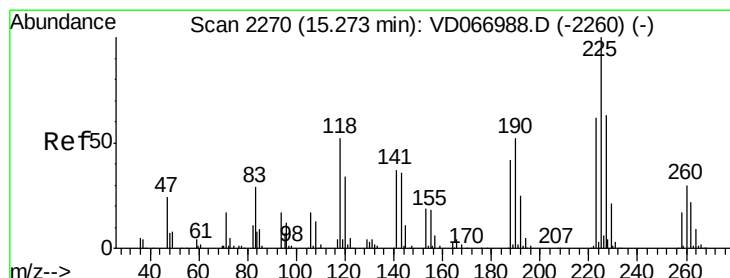
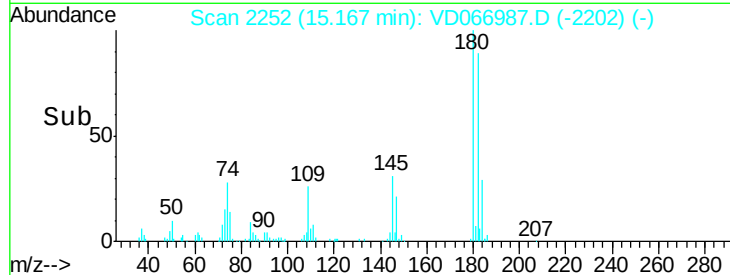
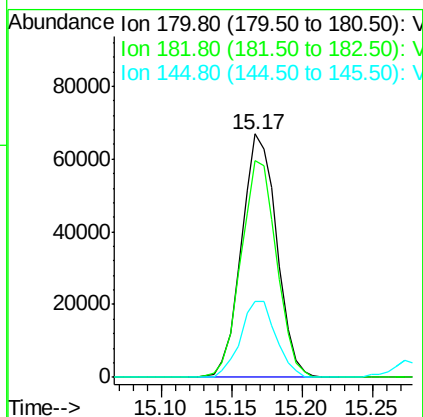
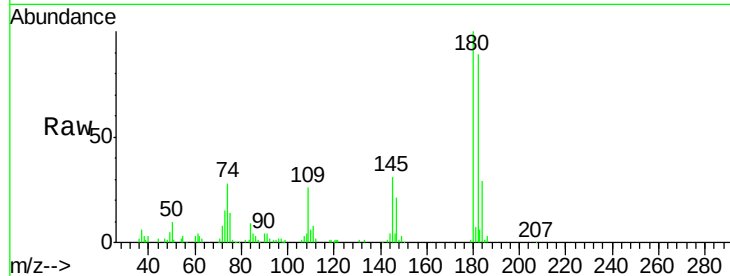




#93
 1,2,4-Trichlorobenzene
 Concen: 20.397 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

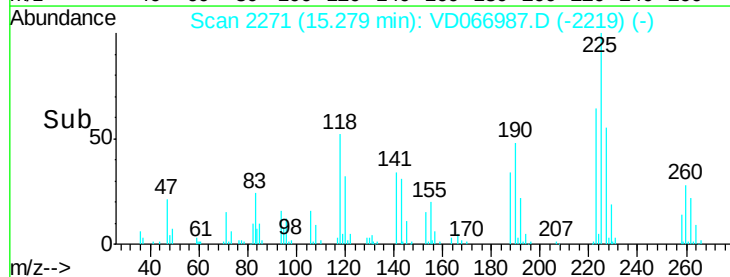
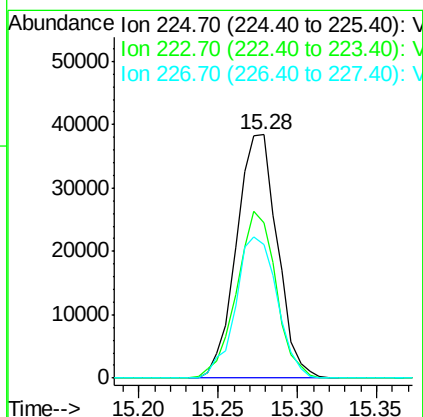
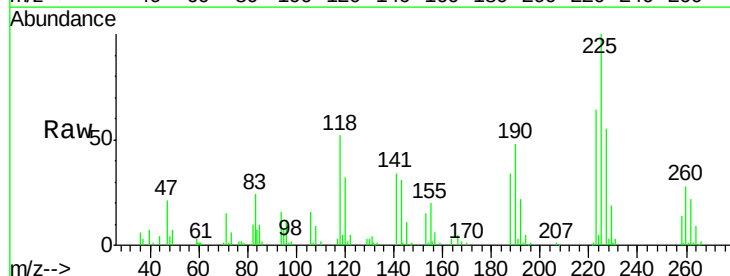
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

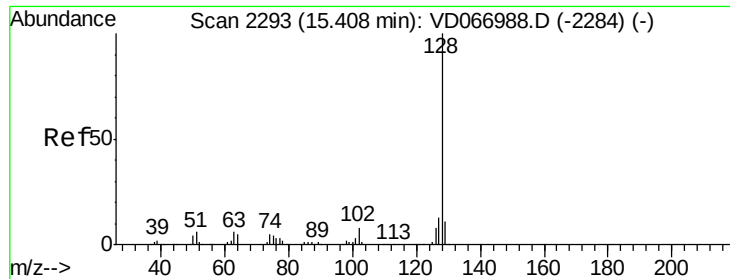
Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.8	47.3	142.0
145	31.6	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 19.572 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066987.D
 Acq: 01 Oct 2020 12:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	32.4	97.0
227	58.9	31.6	95.0

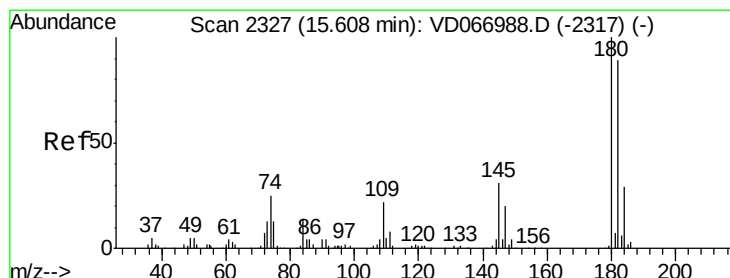
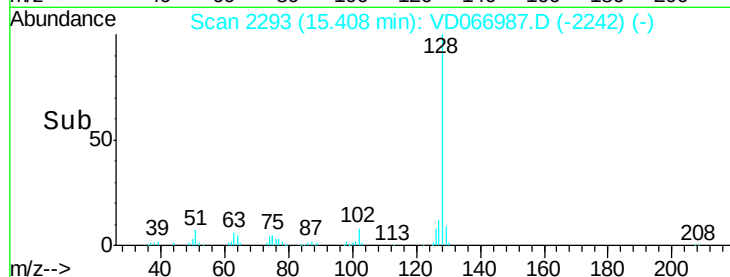
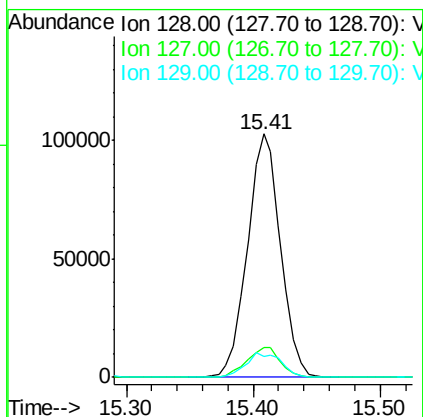
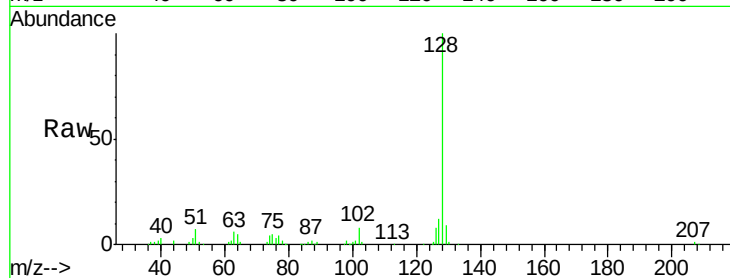




#95
Naphthalene
Concen: 19.434 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 185625
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.347 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD066987.D
Acq: 01 Oct 2020 12:20

Tgt Ion:180 Resp: 101143
Ion Ratio Lower Upper
180 100
182 91.0 46.4 139.1
145 31.7 16.6 49.7

