

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD066984.D
 Acq On : 01 Oct 2020 10:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Oct 01 12:20:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 12:12:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	397087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	600011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	550139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	159310	39.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.48%	
35) Dibromofluoromethane	7.91	113	178531	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
50) Toluene-d8	10.34	98	631264	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
62) 4-Bromofluorobenzene	12.63	95	220253	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	138789	33.061	ug/l	90
3) Chloromethane	2.20	50	136878	38.223	ug/l	100
4) Vinyl Chloride	2.35	62	148486	42.326	ug/l	96
5) Bromomethane	2.77	94	108127	38.396	ug/l	96
6) Chloroethane	2.93	64	97136	46.842	ug/l	99
7) Trichlorofluoromethane	3.27	101	362484	45.925	ug/l	100
8) Diethyl Ether	3.71	74	94587	53.863	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	218961	47.765	ug/l	98
10) Methyl Iodide	4.30	142	181535	49.811	ug/l	97
11) Tert butyl alcohol	5.22	59	62797	115.594	ug/l	98
12) 1,1-Dichloroethene	4.07	96	195370	47.940	ug/l	98
13) Acrolein	3.92	56	70309	272.019	ug/l	92
14) Allyl chloride	4.71	41	270876	51.885	ug/l	96
15) Acrylonitrile	5.42	53	204337	310.022	ug/l	99
16) Acetone	4.16	43	184368	280.867	ug/l	100
17) Carbon Disulfide	4.41	76	547408	43.308	ug/l	99
18) Methyl Acetate	4.71	43	90104	56.730	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	439394	64.498	ug/l	97
20) Methylene Chloride	4.96	84	242742	30.240	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	233002	49.912	ug/l	95
22) Diisopropyl ether	6.36	45	587226	64.607	ug/l	97
23) Vinyl Acetate	6.30	43	1548008	331.679	ug/l	98
24) 1,1-Dichloroethane	6.26	63	387748	51.153	ug/l	99
25) 2-Butanone	7.21	43	232967	252.317	ug/l	95
26) 2,2-Dichloropropane	7.20	77	364589	47.048	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	258553	51.637	ug/l	97
28) Bromochloromethane	7.54	49	156270	56.638	ug/l #	88
29) Tetrahydrofuran	7.56	42	154923	310.717	ug/l	95
30) Chloroform	7.71	83	431648	51.190	ug/l	100
31) Cyclohexane	7.98	56	329713	48.781	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	392734	50.444	ug/l	98
36) 1,1-Dichloropropene	8.11	75	321195	54.439	ug/l	99
37) Ethyl Acetate	7.29	43	114407	58.304	ug/l	96
38) Carbon Tetrachloride	8.09	117	358654	55.222	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	382241	66.648	ug/l	99
40) Benzene	8.35	78	905659	53.629	ug/l	95
41) Methacrylonitrile	7.56	41	155473	147.105	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	253465	53.191	ug/l	100
43) Isopropyl Acetate	8.45	43	213273	56.518	ug/l	98
44) Trichloroethene	9.11	130	263178	53.636	ug/l	95
45) 1,2-Dichloropropane	9.38	63	223375	57.524	ug/l	100
46) Dibromomethane	9.47	93	124306	55.951	ug/l	96
47) Bromodichloromethane	9.66	83	329840	55.374	ug/l	97
48) Methyl methacrylate	9.45	41	101076	52.940	ug/l	95
49) 1,4-Dioxane	9.46	88	28759	1209.305	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	559598	312.518	ug/l	97
52) Toluene	10.40	92	609817	59.769	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	296049	59.587	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	350207	58.140	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	171167	53.912	ug/l	98
56) Ethyl methacrylate	10.66	69	197438	72.191	ug/l	97
57) 1,3-Dichloropropane	10.94	76	285655	56.463	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	382037	257.844	ug/l	97
59) 2-Hexanone	10.98	43	379214	325.868	ug/l	95
60) Dibromochloromethane	11.14	129	233542	57.003	ug/l	100
61) 1,2-Dibromoethane	11.24	107	166641	55.794	ug/l	99
64) Tetrachloroethene	10.87	164	225512	51.175	ug/l	98
65) Chlorobenzene	11.67	112	637717	53.835	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	247332	54.487	ug/l	97
67) Ethyl Benzene	11.74	91	1157887	60.293	ug/l	99
68) m/p-Xylenes	11.85	106	889947	118.265	ug/l	100
69) o-Xylene	12.18	106	399278	63.199	ug/l	100
70) Styrene	12.20	104	705997	64.650	ug/l	100
71) Bromoform	12.36	173	130759	57.596	ug/l #	97
73) Isopropylbenzene	12.48	105	1116798	62.764	ug/l	98
74) N-amyl acetate	12.29	43	194415	63.419	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	181312	53.851	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	234257	92.561	ug/l #	100
77) Bromobenzene	12.76	156	261392	57.659	ug/l	93
78) n-propylbenzene	12.82	91	1325297	61.641	ug/l	98
79) 2-Chlorotoluene	12.91	91	743162	59.508	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	950222	61.780	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	58092	61.057	ug/l	91
82) 4-Chlorotoluene	13.01	91	778941	57.681	ug/l	98
83) tert-Butylbenzene	13.23	119	833134	66.151	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	958046	63.427	ug/l	100
85) sec-Butylbenzene	13.40	105	1135332	62.996	ug/l	100
86) p-Isopropyltoluene	13.52	119	1042091	63.831	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	501729	54.564	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	488928	52.854	ug/l	98
89) n-Butylbenzene	13.85	91	969285	63.378	ug/l	100
90) Hexachloroethane	14.11	117	201049	67.754	ug/l	94
91) 1,2-Dichlorobenzene	13.89	146	435631	56.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28416	54.389	ug/l	91

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 12:12:23 2020
Response via : Initial Calibration

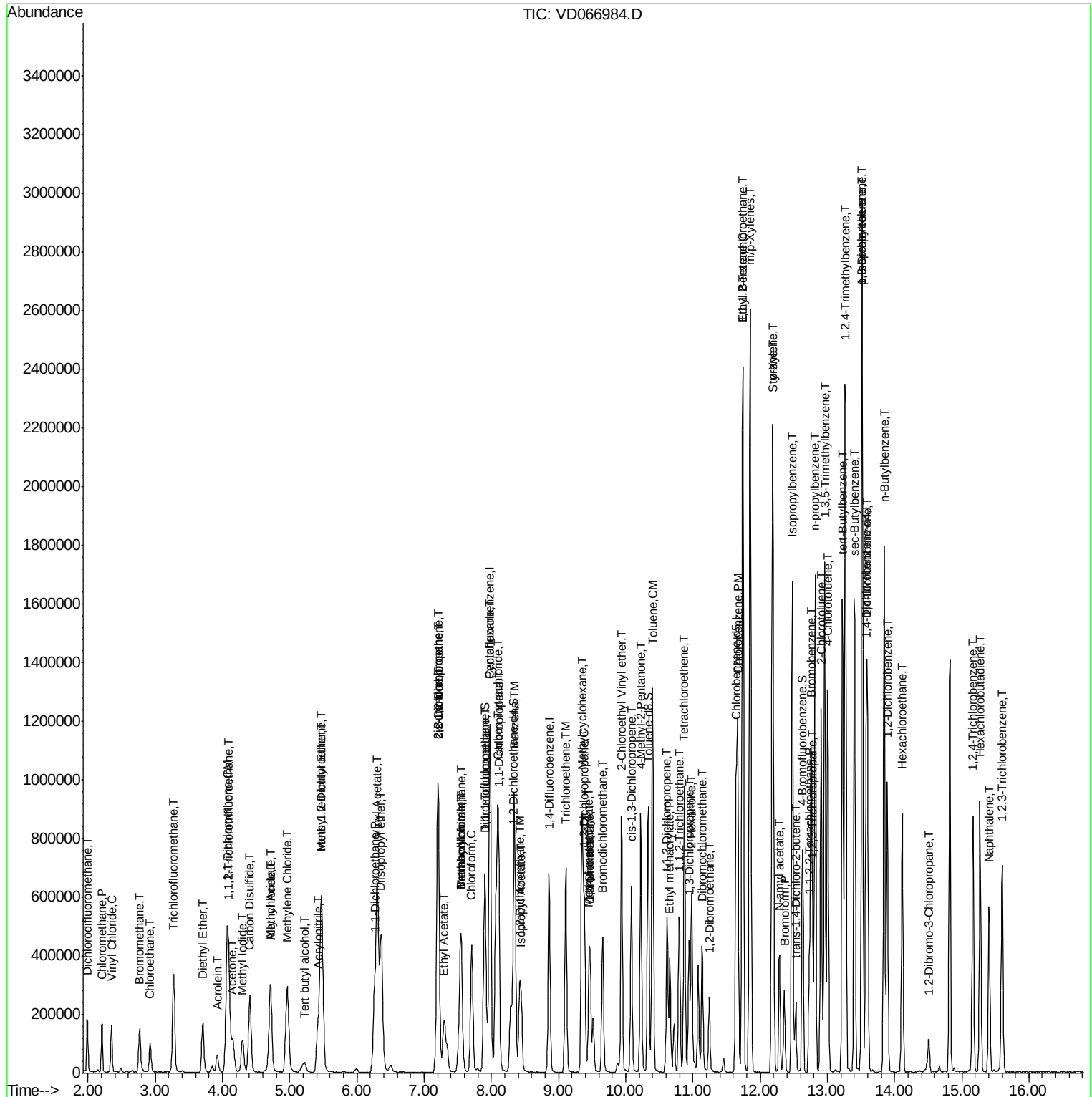
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	292132	65.769	ug/l	98
94) Hexachlorobutadiene	15.27	225	178522	56.817	ug/l	99
95) Naphthalene	15.41	128	496410	73.665	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	253100	63.777	ug/l	98

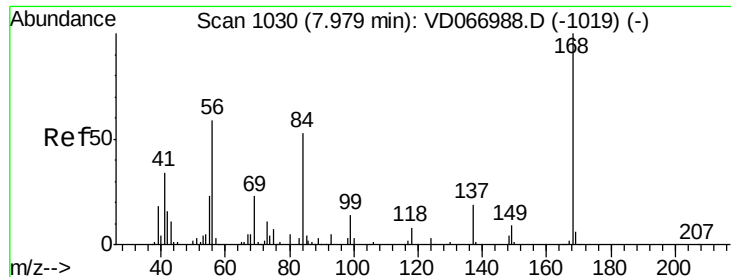
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 12:12:23 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

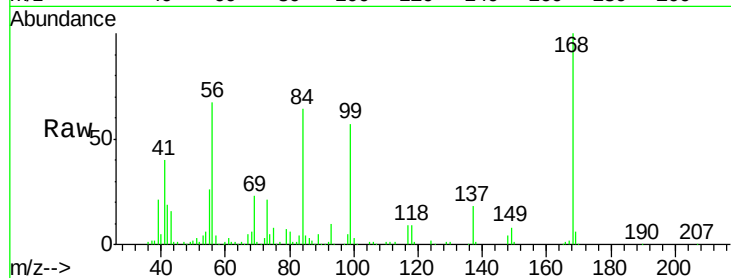
VSTD05006

Tot Ion:168 Resp: 397087

Ion Ratio Lower Upper

168 100

99 56.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

200000

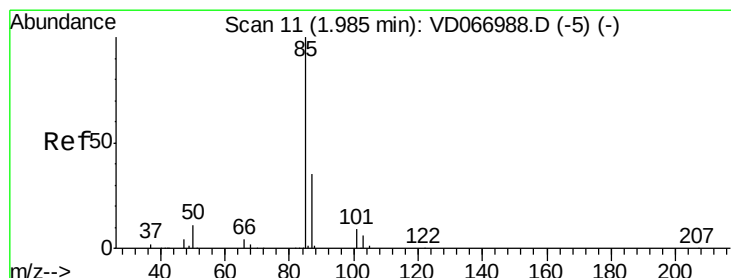
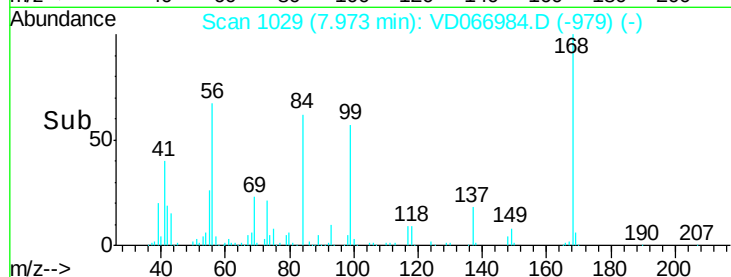
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 33.061 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066984.D

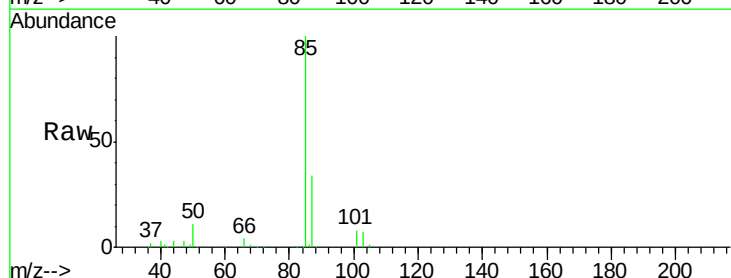
Acq: 01 Oct 2020 10:29

Tgt Ion: 85 Resp: 138789

Ion Ratio Lower Upper

85 100

87 34.4 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

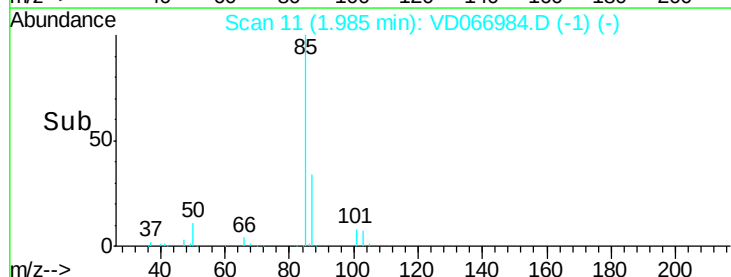
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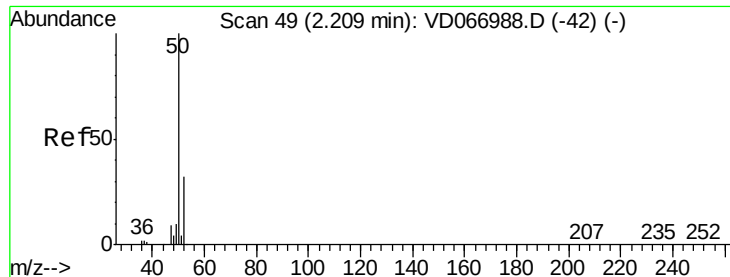
40000

20000

0

Time-->





#3

Chloromethane

Concen: 38.223 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

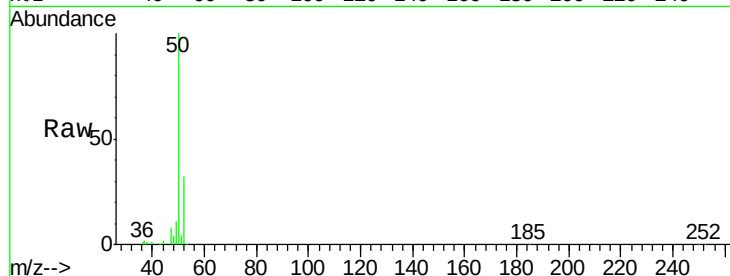
VSTD05006

Tot Ion: 50 Resp: 136878

Ion Ratio Lower Upper

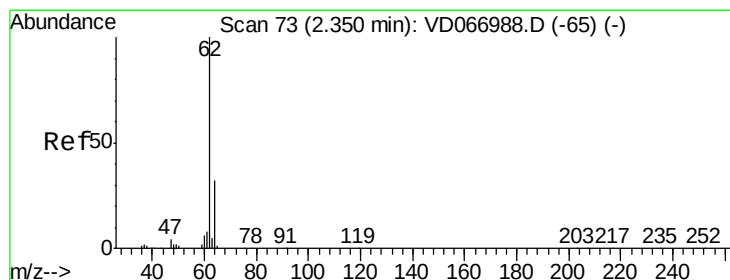
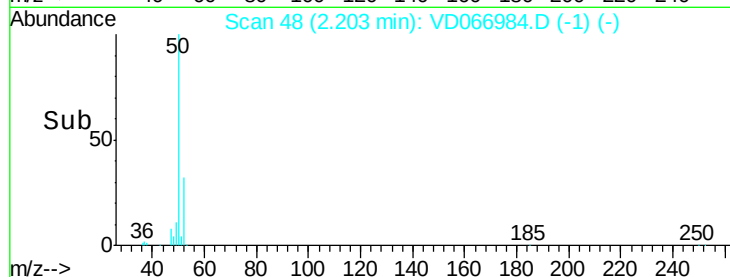
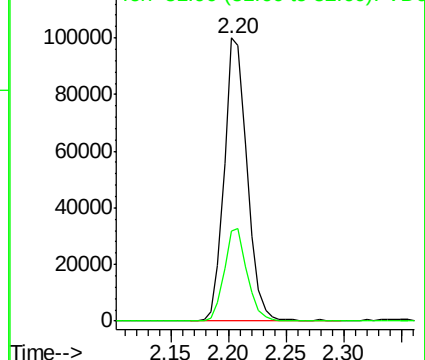
50 100

52 31.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 42.326 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066984.D

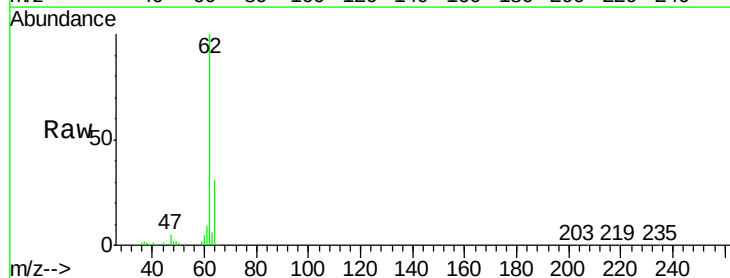
Acq: 01 Oct 2020 10:29

Tgt Ion: 62 Resp: 148486

Ion Ratio Lower Upper

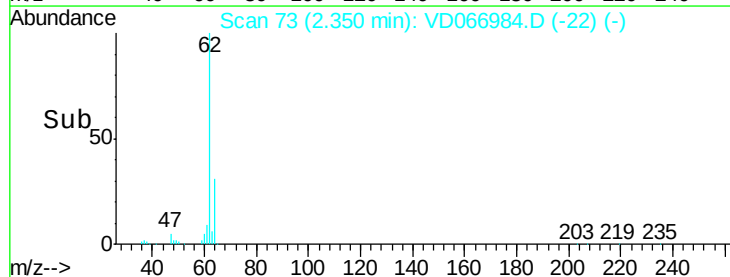
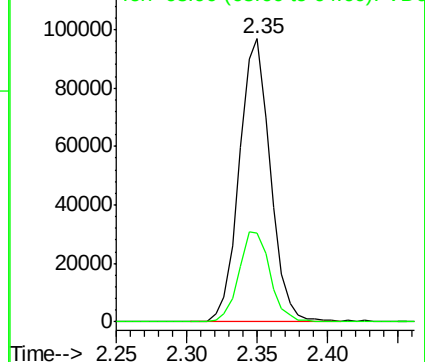
62 100

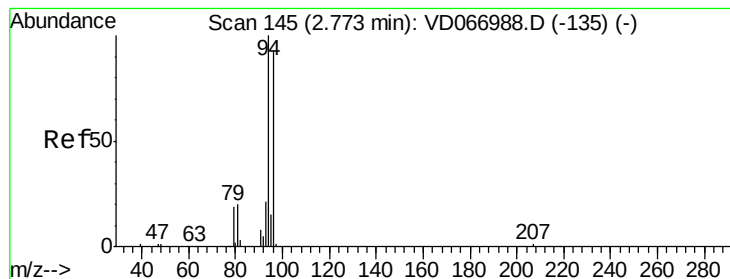
64 31.4 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 38.396 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

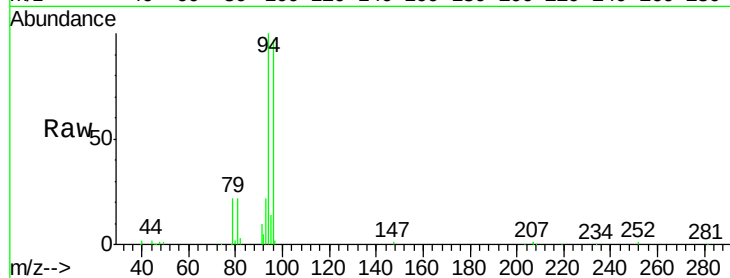
VSTD05006

Tot Ion: 94 Resp: 108127

Ion Ratio Lower Upper

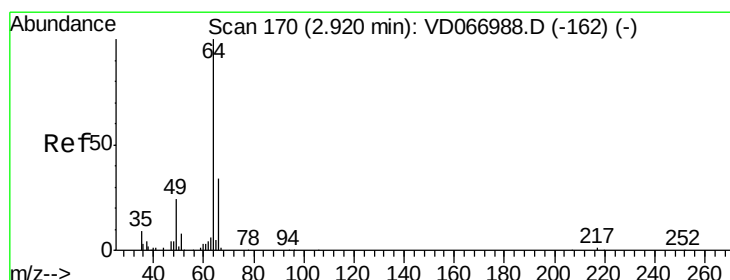
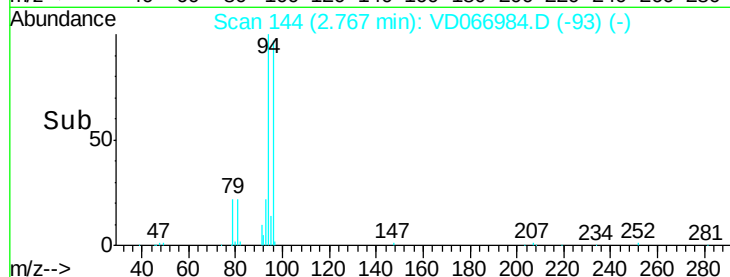
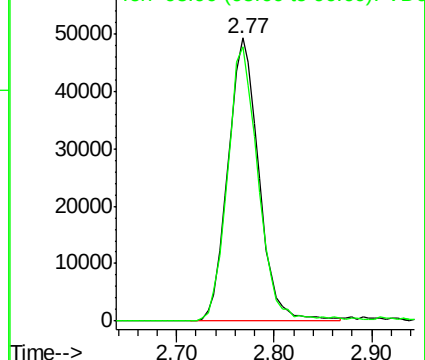
94 100

96 97.1 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.842 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066984.D

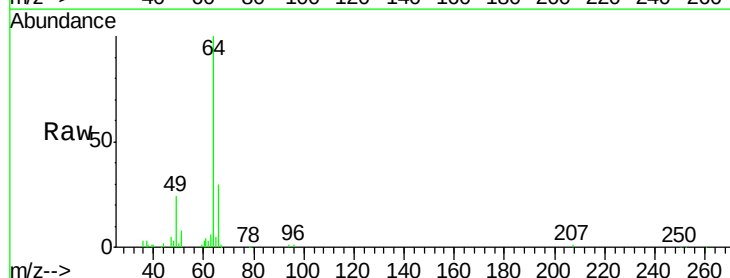
Acq: 01 Oct 2020 10:29

Tgt Ion: 64 Resp: 97136

Ion Ratio Lower Upper

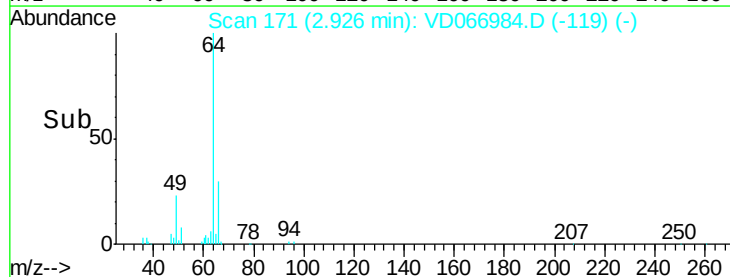
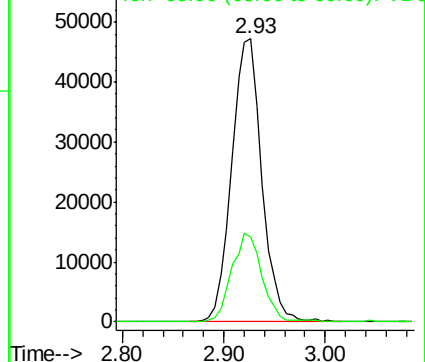
64 100

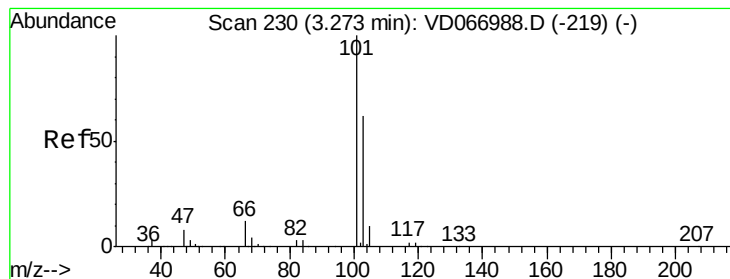
66 29.9 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



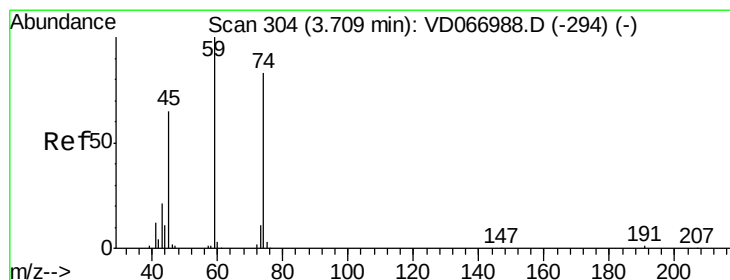
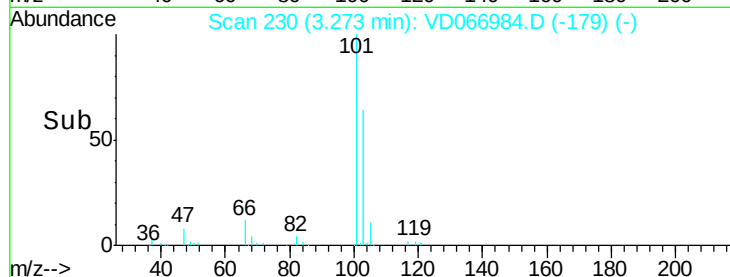
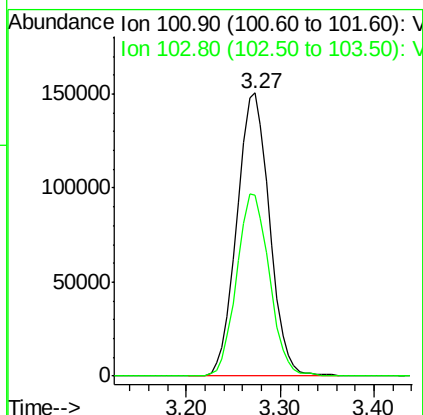
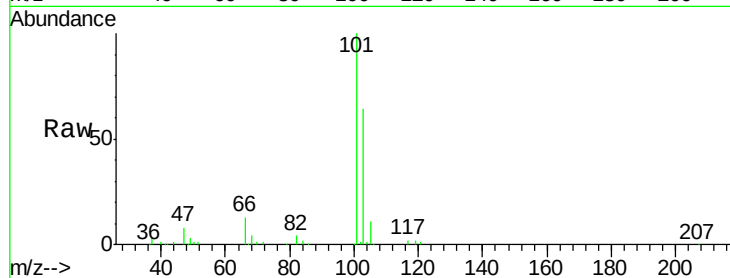


#7

Trichlorofluoromethane
 Concen: 45.925 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

Instrument :
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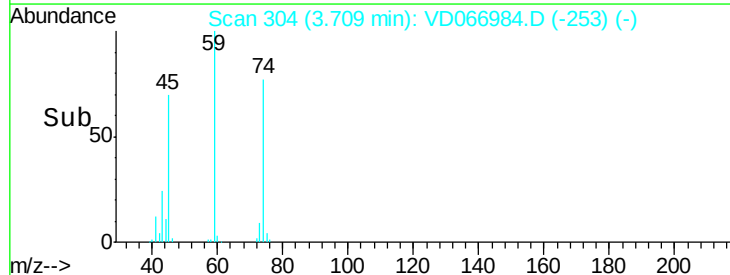
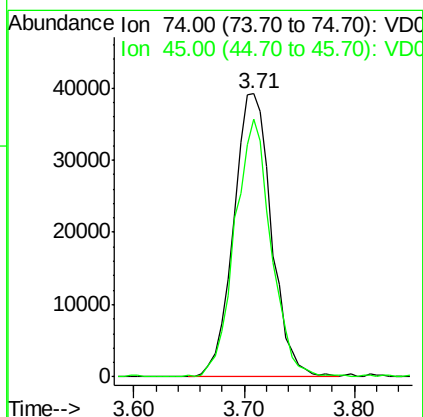
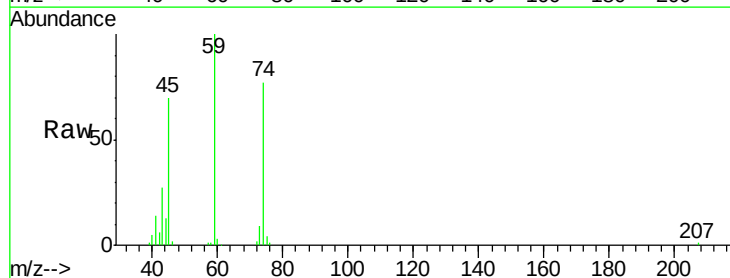
Tot Ion:101 Resp: 362484
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.0 76.6

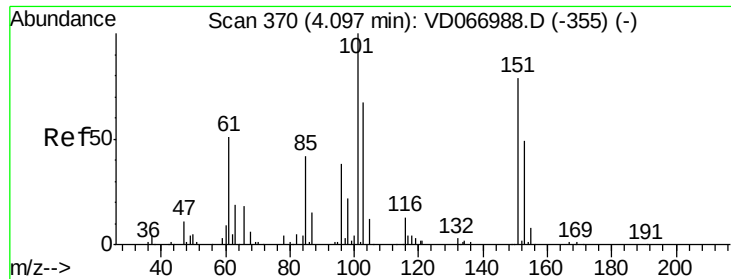


#8

Diethyl Ether
 Concen: 53.863 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

Tgt Ion: 74 Resp: 94587
 Ion Ratio Lower Upper
 74 100
 45 87.0 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.765 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

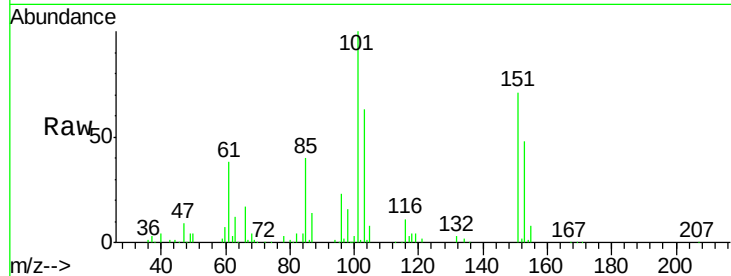
Tot Ion:101 Resp: 218961

Ion Ratio Lower Upper

101 100

85 43.1 35.4 53.2

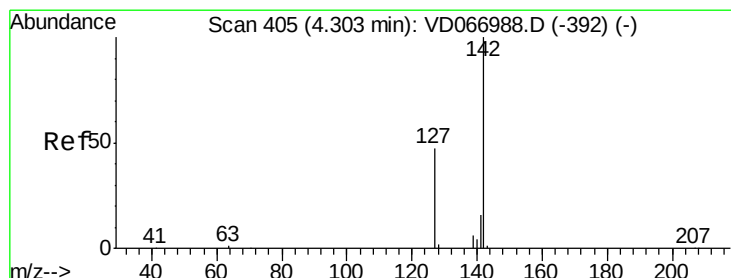
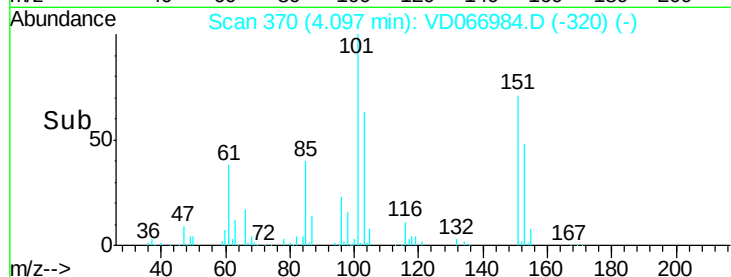
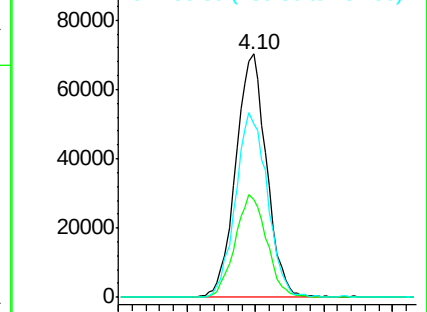
151 78.4 61.4 92.0



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: 49.811 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

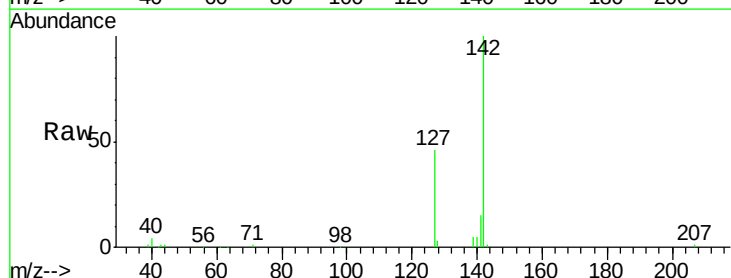
Tgt Ion:142 Resp: 181535

Ion Ratio Lower Upper

142 100

127 47.1 39.4 59.0

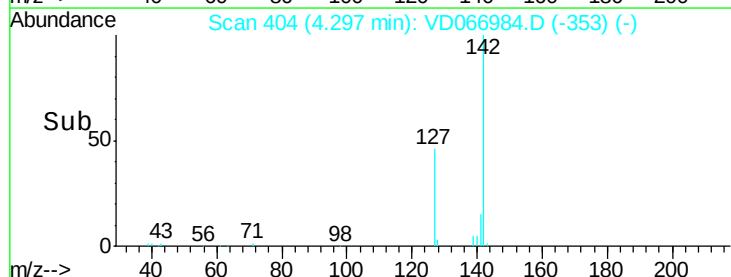
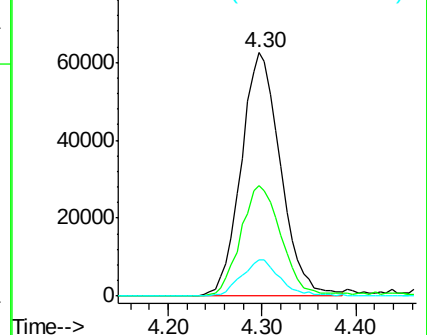
141 14.5 12.1 18.1

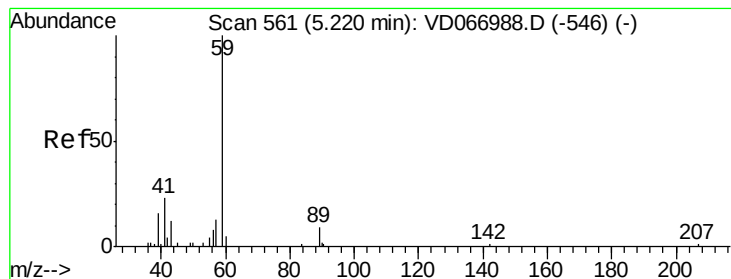


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 115.594 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

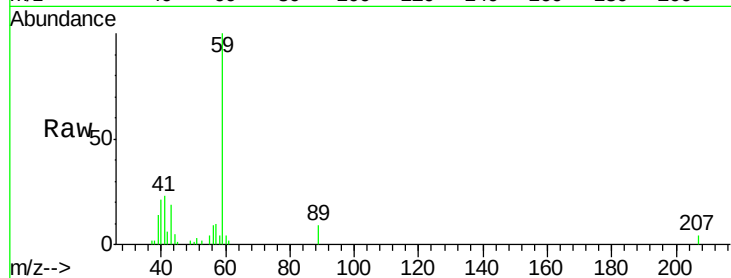
VSTD05006

Tot Ion: 59 Resp: 62797

Ion Ratio Lower Upper

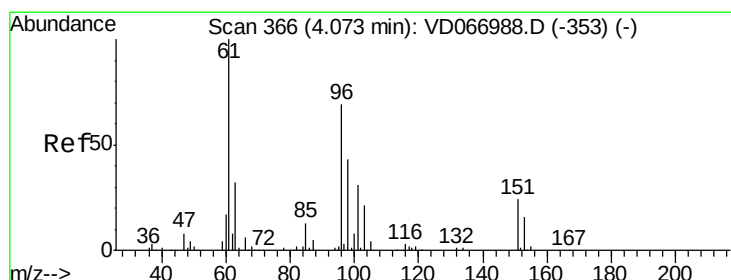
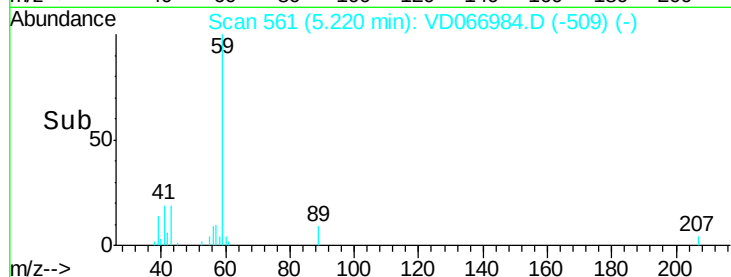
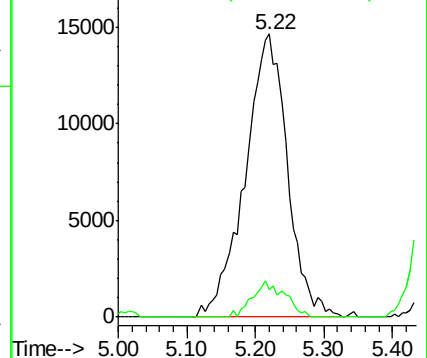
59 100

57 9.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 47.940 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

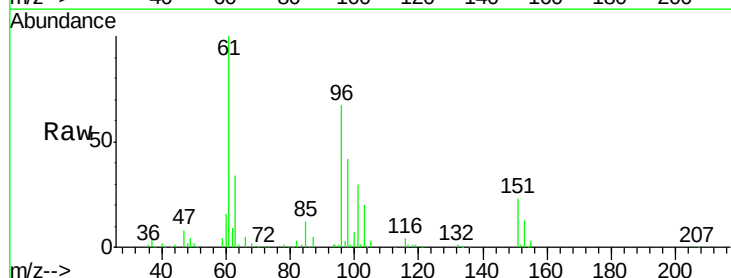
Tgt Ion: 96 Resp: 195370

Ion Ratio Lower Upper

96 100

61 148.8 120.8 181.2

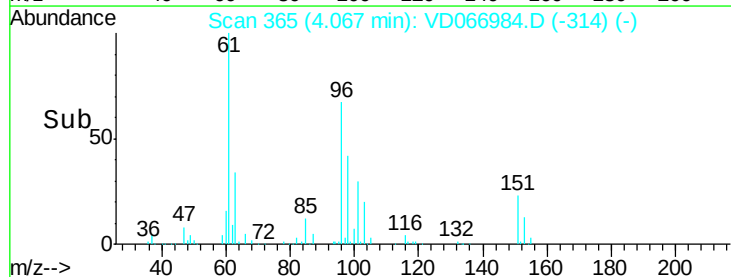
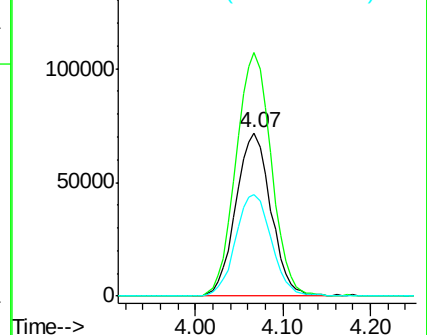
98 62.2 47.7 71.5

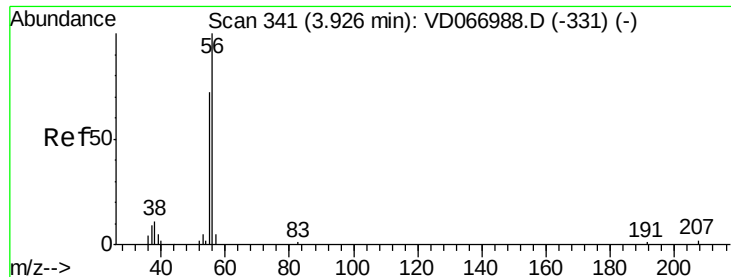


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 272.019 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

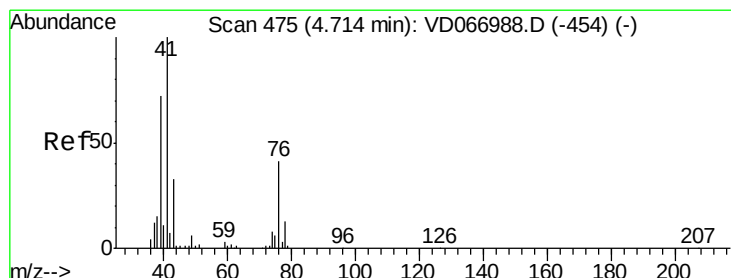
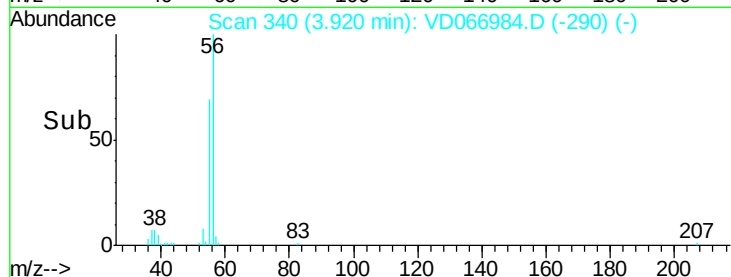
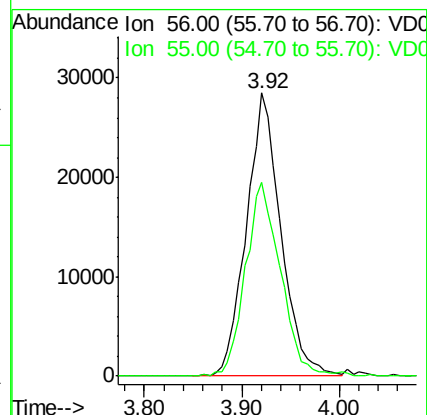
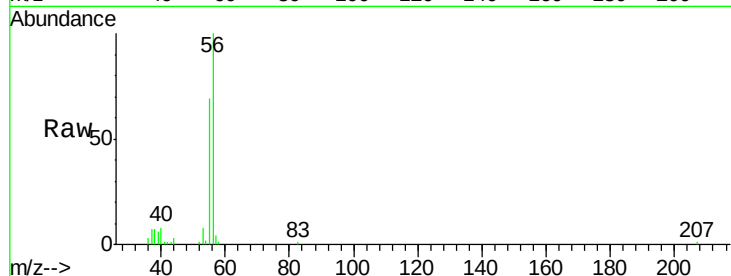
VSTD05006

Tot Ion: 56 Resp: 70309

Ion Ratio Lower Upper

56 100

55 68.8 60.3 90.5



#14

Allyl chloride

Concen: 51.885 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

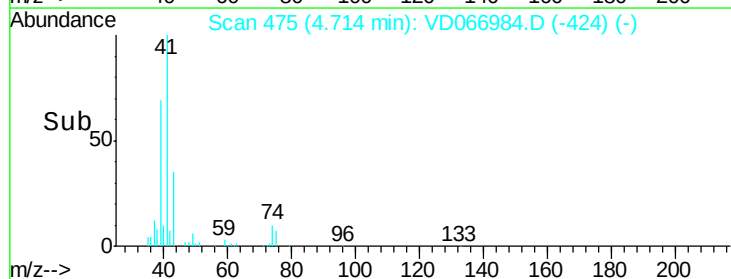
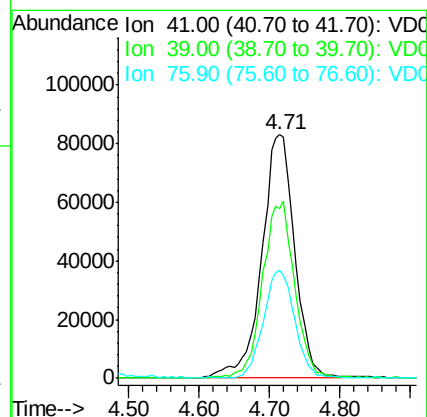
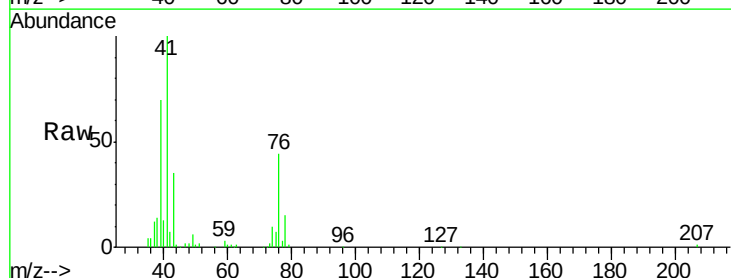
Tgt Ion: 41 Resp: 270876

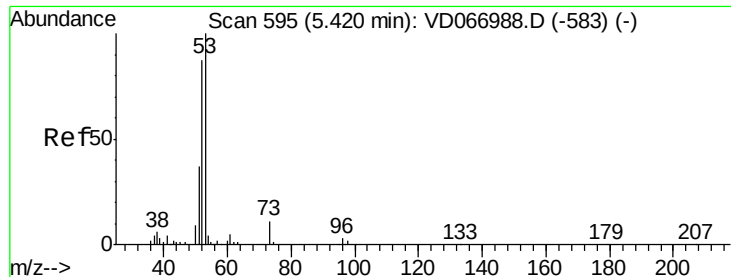
Ion Ratio Lower Upper

41 100

39 70.2 57.8 86.8

76 42.2 30.9 46.3





#15

Acrylonitrile

Concen: 310.022 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

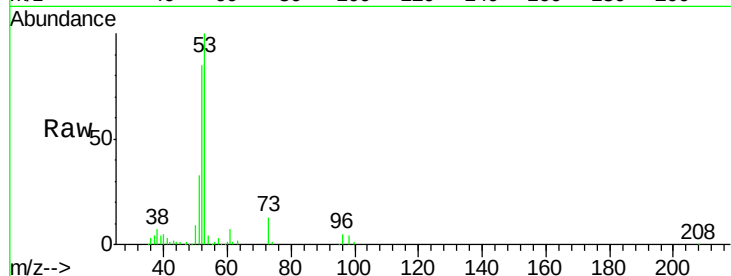
Tot Ion: 53 Resp: 204337

Ion Ratio Lower Upper

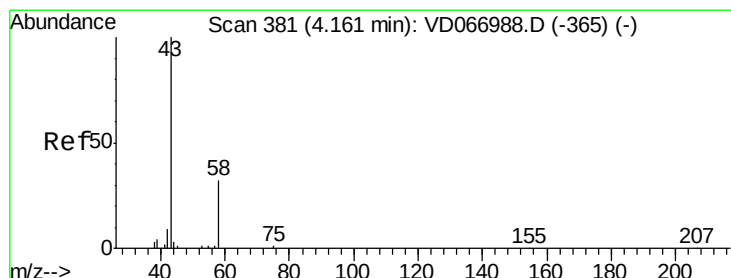
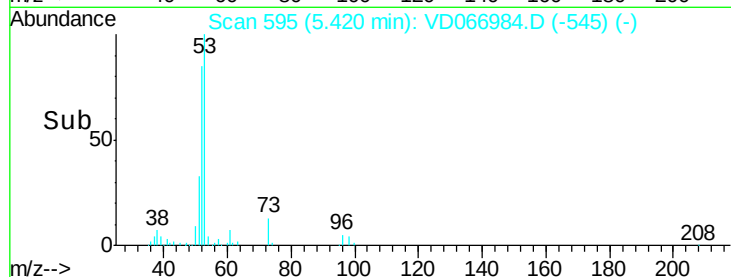
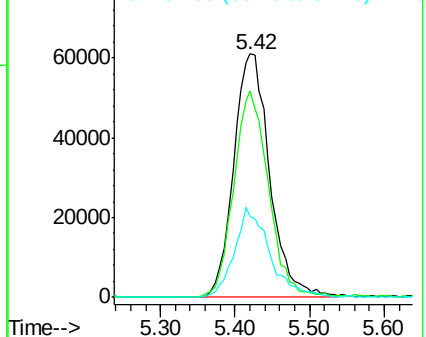
53 100

52 81.8 65.2 97.8

51 36.2 30.6 46.0



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: 280.867 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066984.D

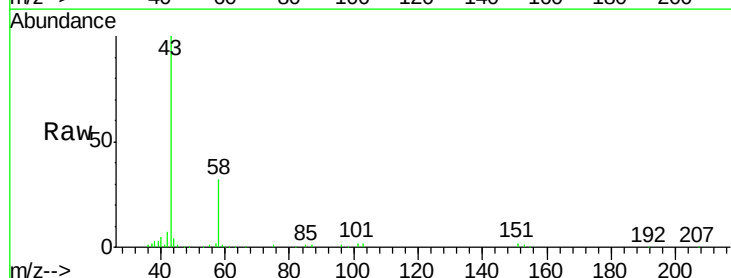
Acq: 01 Oct 2020 10:29

Tgt Ion: 43 Resp: 184368

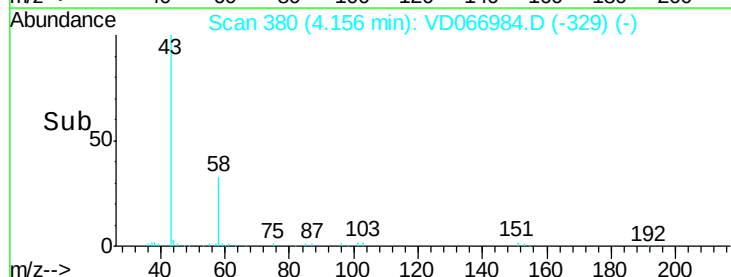
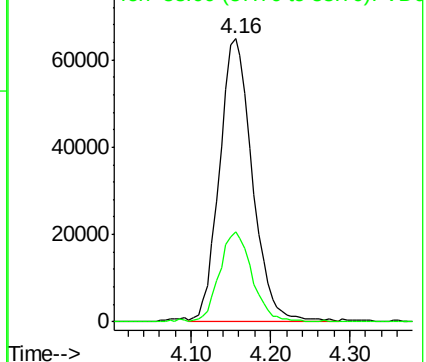
Ion Ratio Lower Upper

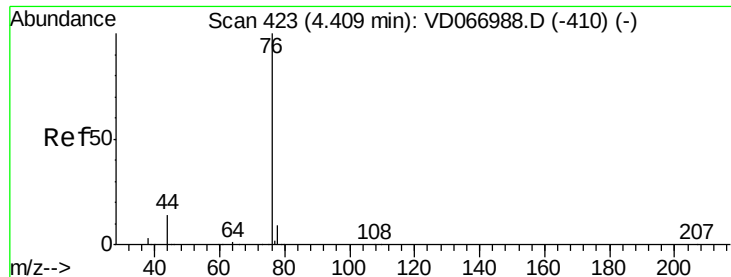
43 100

58 32.1 25.6 38.4



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

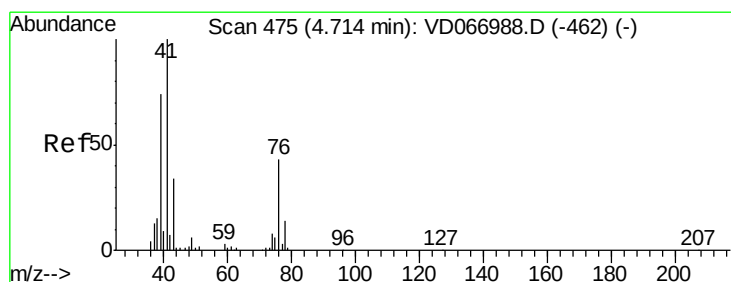
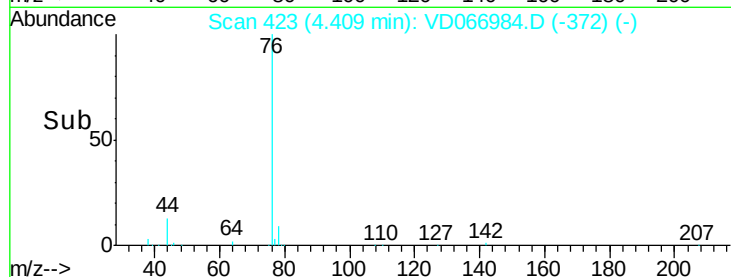
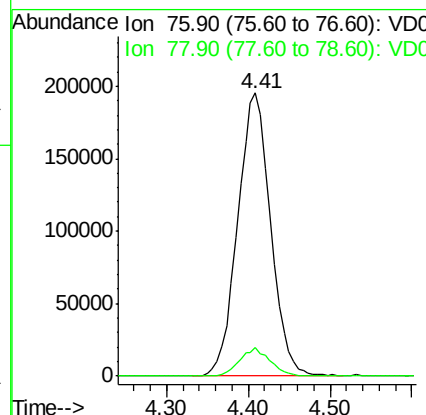
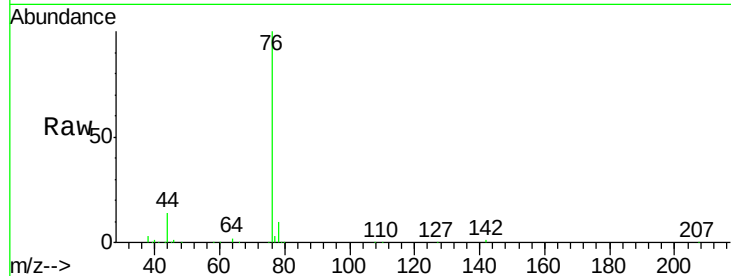




#17
Carbon Disulfide
Concen: 43.308 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

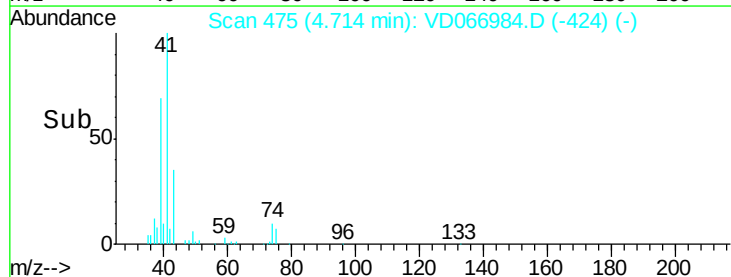
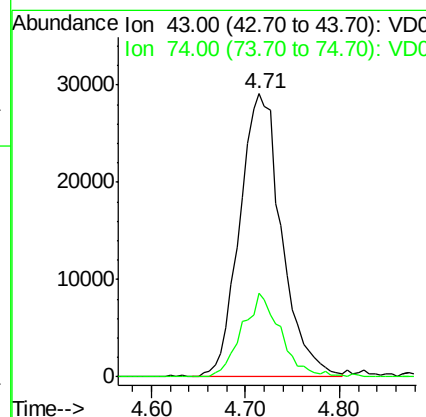
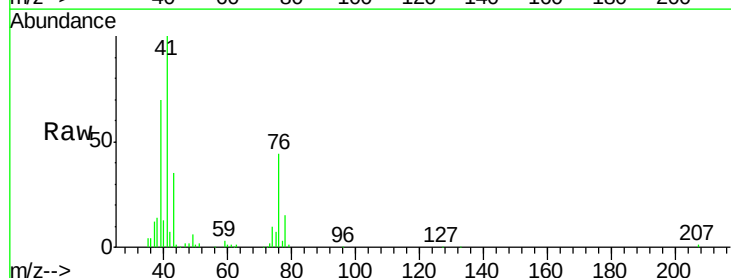
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

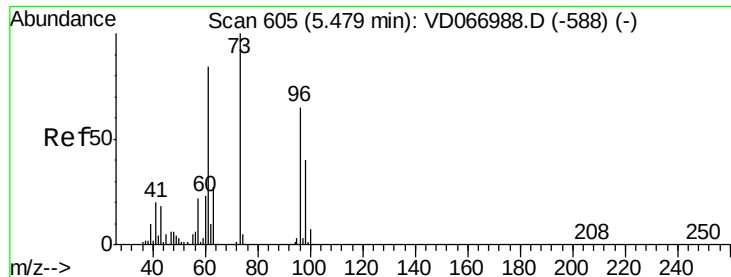
Tot Ion: 76 Resp: 547408
Ion Ratio Lower Upper
76 100
78 10.0 7.6 11.4



#18
Methyl Acetate
Concen: 56.730 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion: 43 Resp: 90104
Ion Ratio Lower Upper
43 100
74 27.4 20.3 30.5

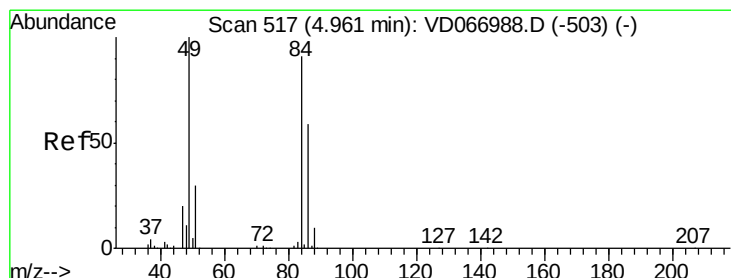
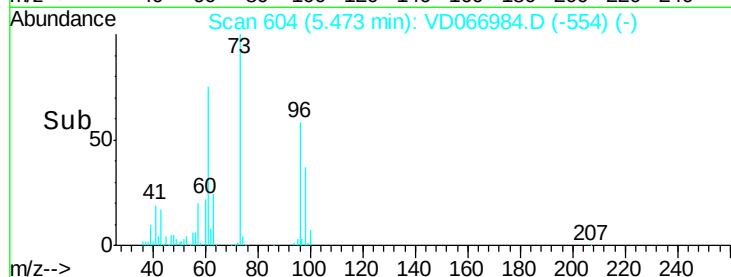
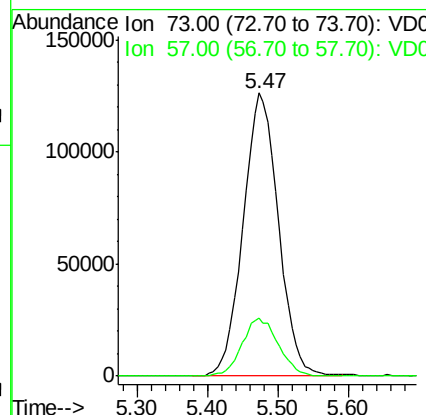
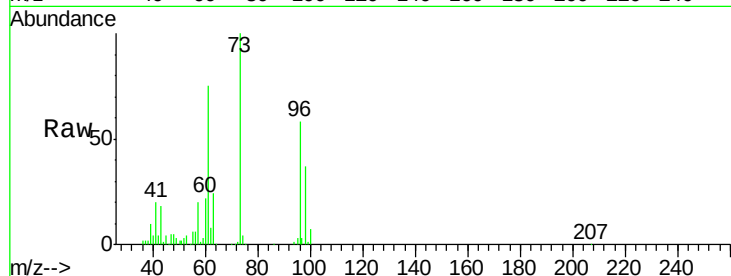




#19
Methyl tert-butyl Ether
Concen: 64.498 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

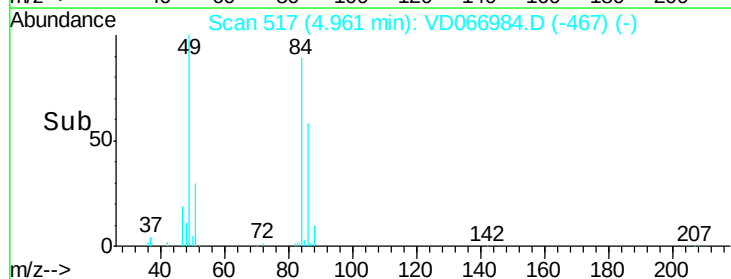
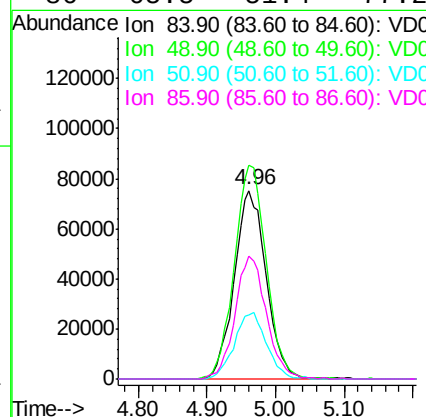
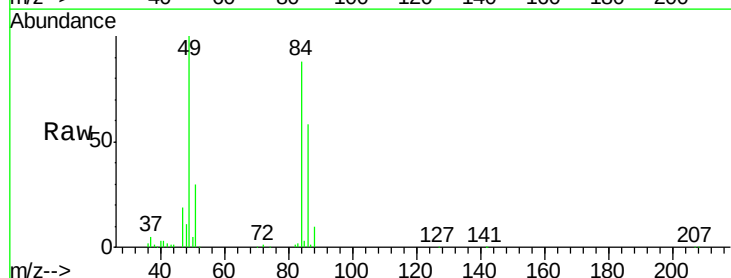
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

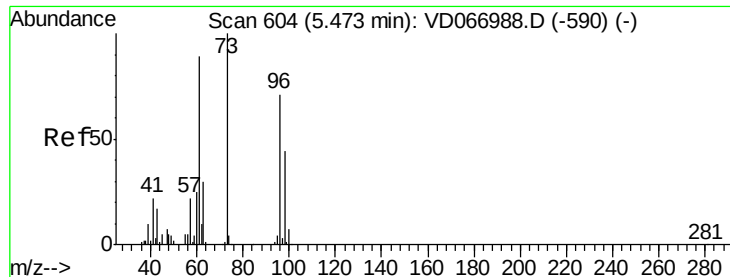
Tot Ion: 73 Resp: 439394
Ion Ratio Lower Upper
73 100
57 20.4 17.4 26.2



#20
Methylene Chloride
Concen: 30.240 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion: 84 Resp: 242742
Ion Ratio Lower Upper
84 100
49 113.4 95.4 143.2
51 34.0 29.7 44.5
86 65.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 49.912 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

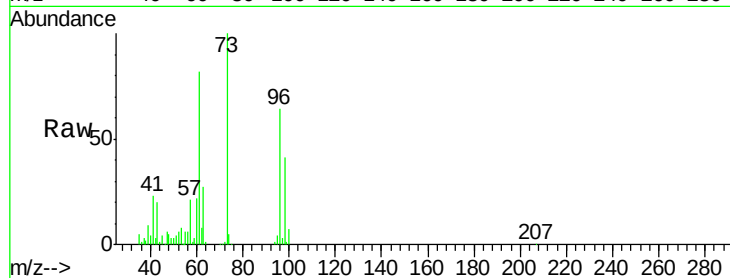
Tot Ion: 96 Resp: 233002

Ion Ratio Lower Upper

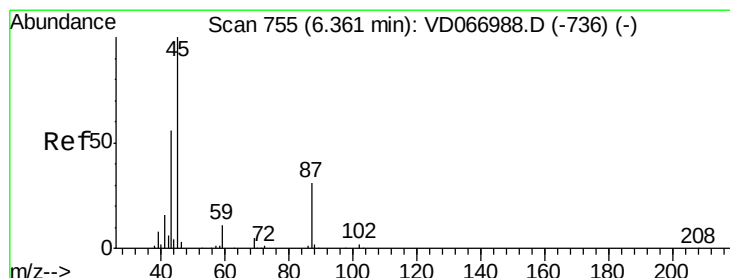
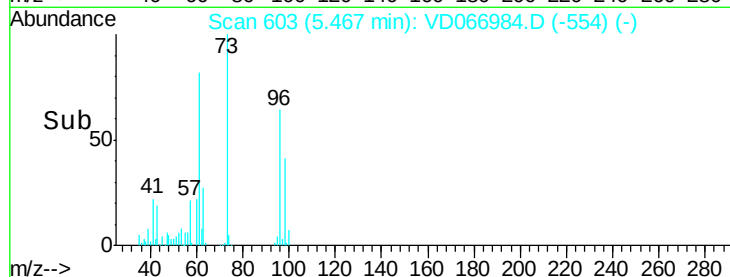
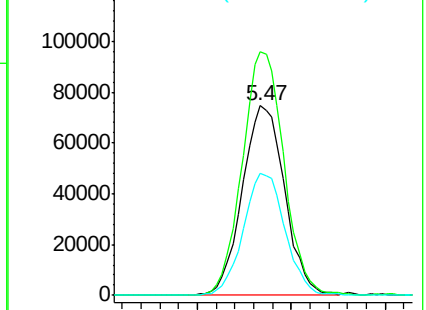
96 100

61 128.3 98.9 148.3

98 64.5 48.4 72.6



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



#22

Diisopropyl ether

Concen: 64.607 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Tgt Ion: 45 Resp: 587226

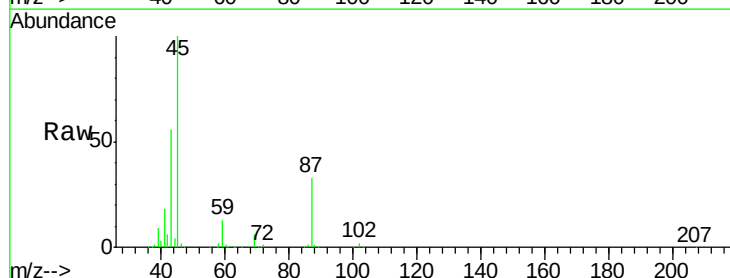
Ion Ratio Lower Upper

45 100

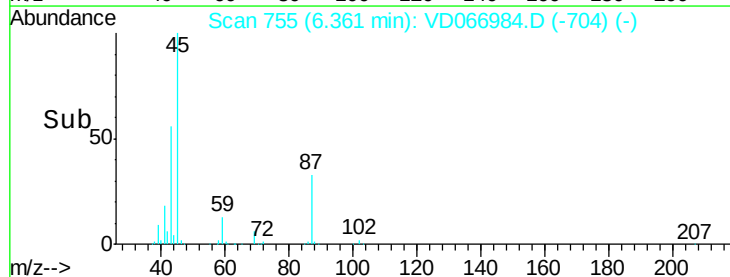
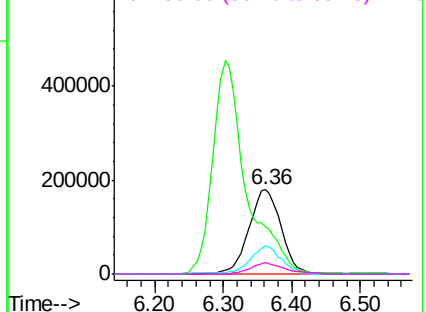
43 55.1 44.5 66.7

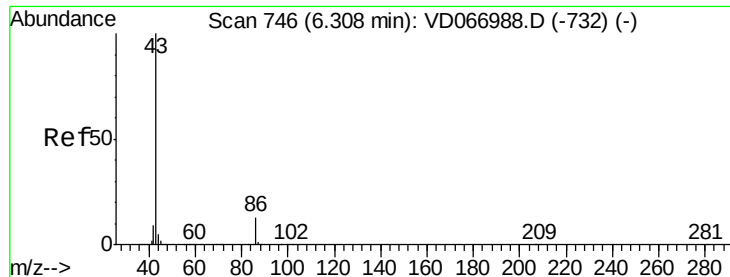
87 32.9 22.9 34.3

59 13.1 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 331.679 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

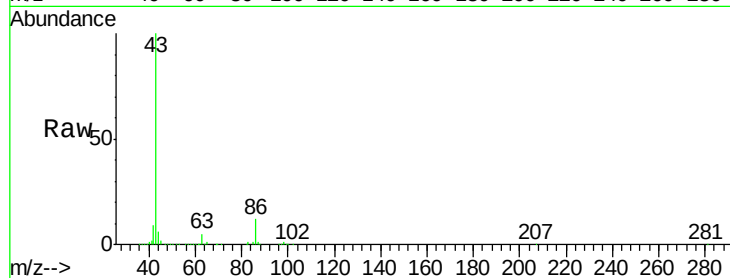
VSTD05006

Tot Ion: 43 Resp: 1548008

Ion Ratio Lower Upper

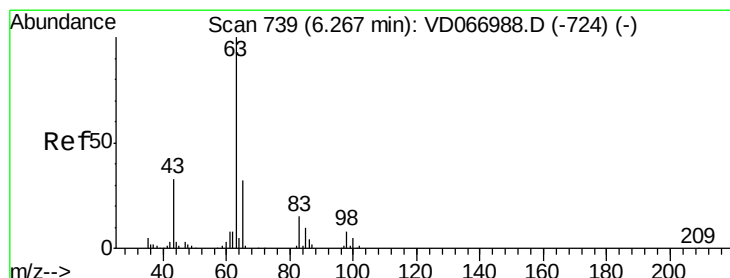
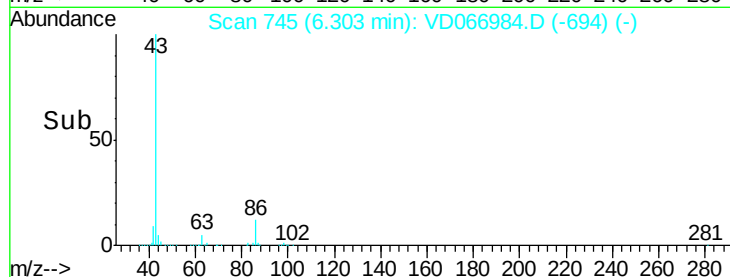
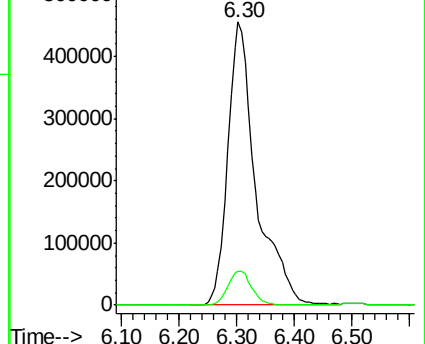
43 100

86 11.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.153 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

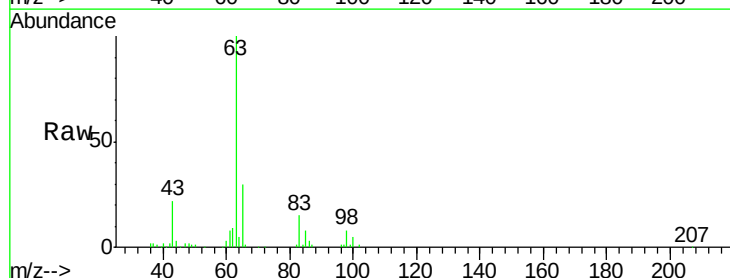
Tgt Ion: 63 Resp: 387748

Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

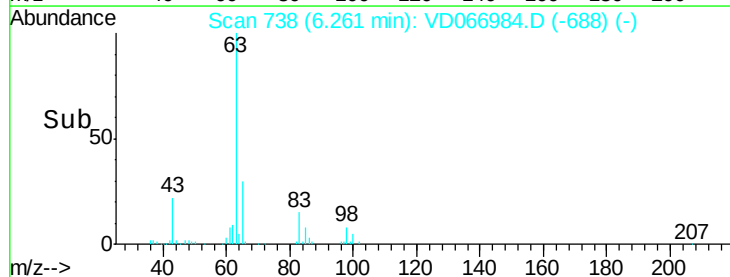
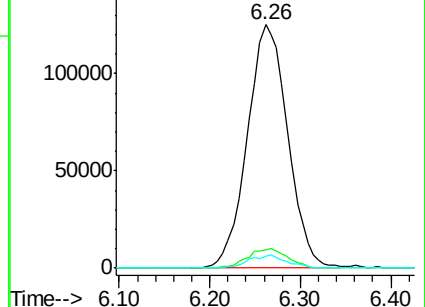
100 4.7 1.8 5.5

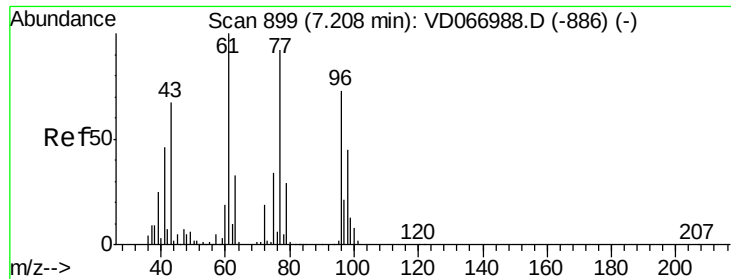


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 252.317 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

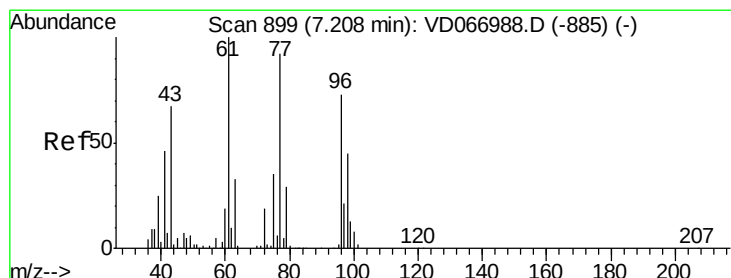
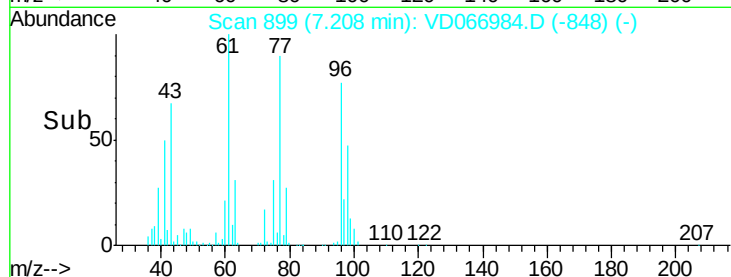
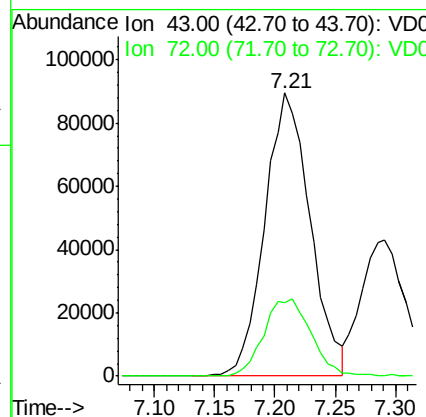
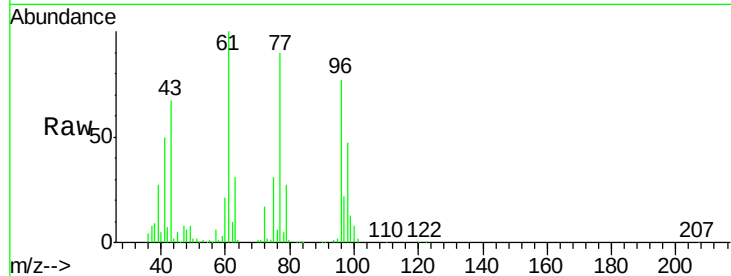
VSTD05006

Tot Ion: 43 Resp: 232967

Ion Ratio Lower Upper

43 100

72 26.1 22.9 34.3



#26

2,2-Dichloropropane

Concen: 47.048 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066984.D

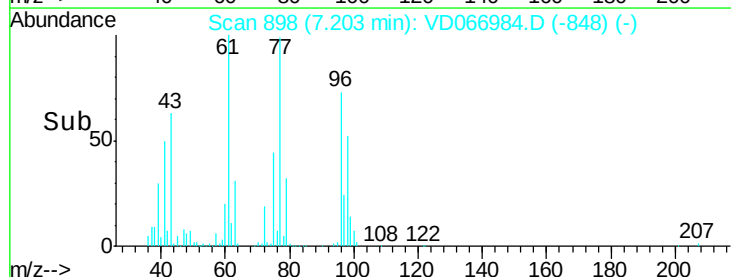
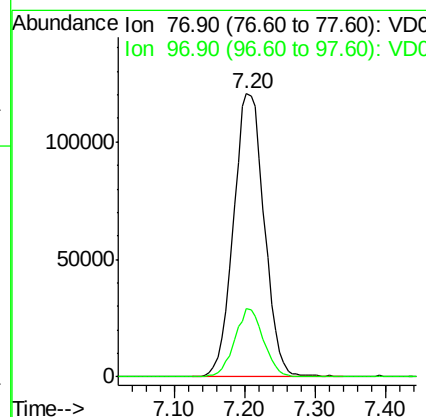
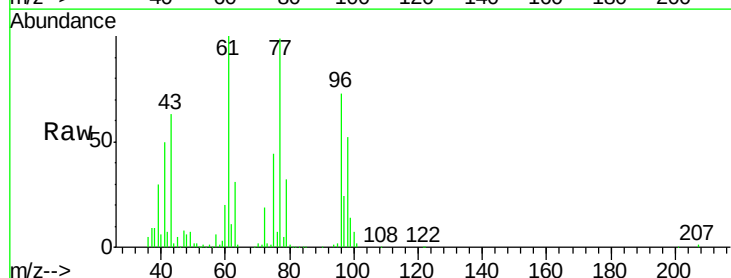
Acq: 01 Oct 2020 10:29

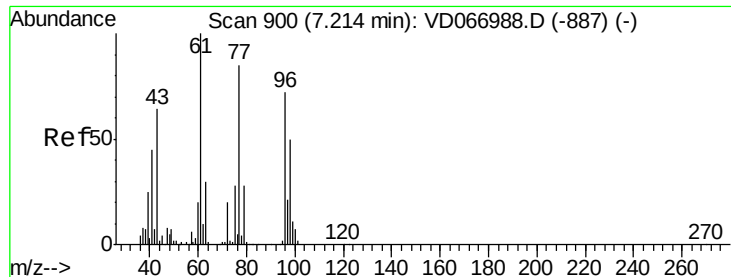
Tgt Ion: 77 Resp: 364589

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 51.637 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

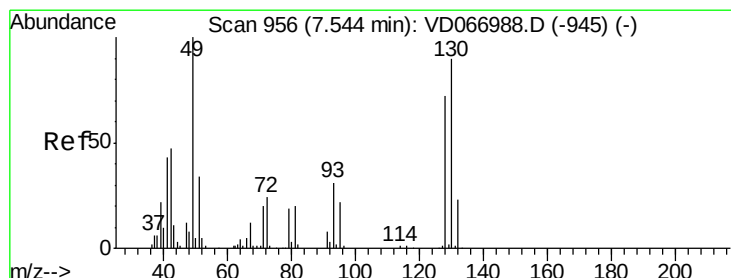
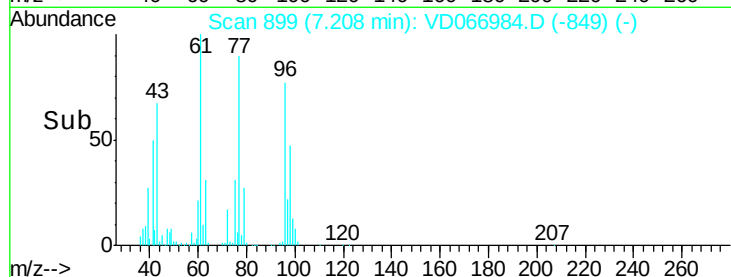
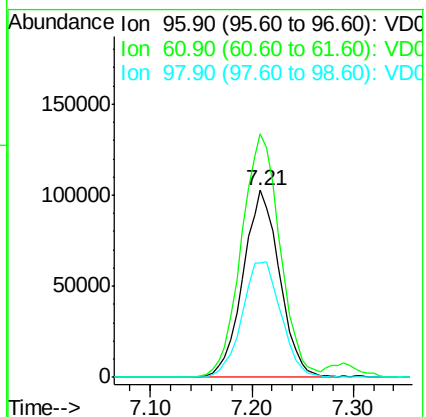
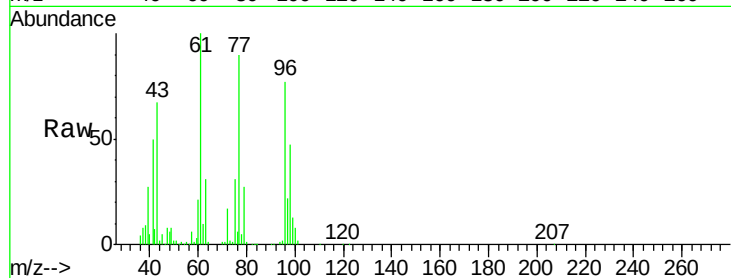
Tot Ion: 96 Resp: 258553

Ion Ratio Lower Upper

96 100

61 137.0 0.0 283.8

98 65.8 0.0 128.4



#28

Bromochloromethane

Concen: 56.638 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

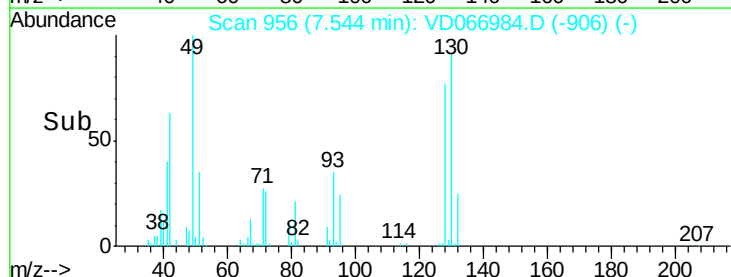
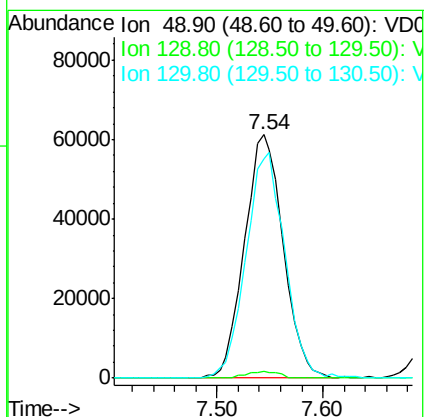
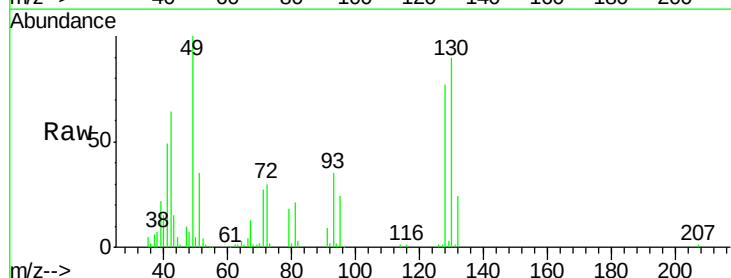
Tgt Ion: 49 Resp: 156270

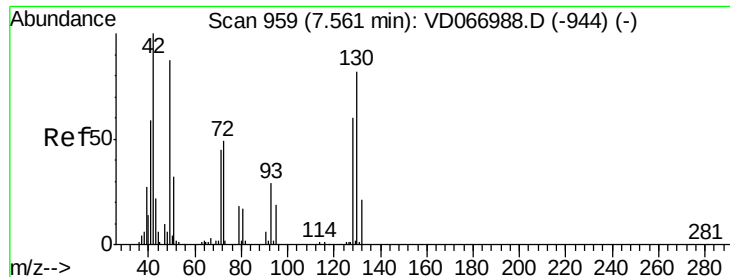
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.0#

130 92.9 65.9 98.9

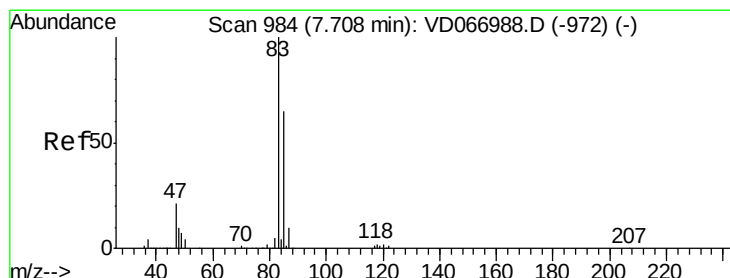
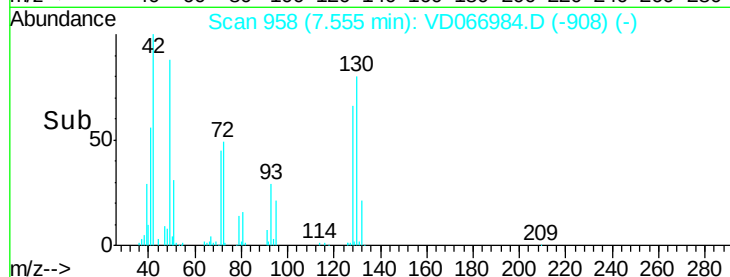
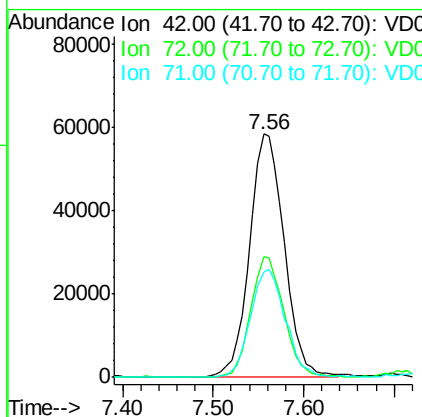
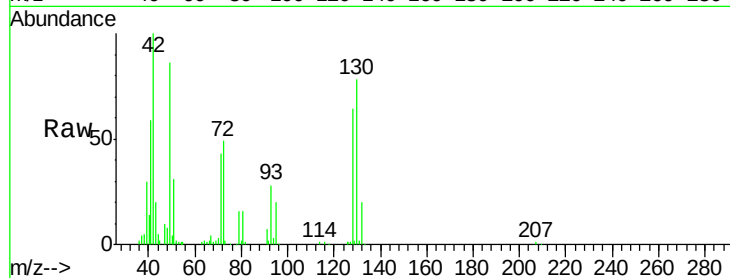




#29
Tetrahydrofuran
Concen: 310.717 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

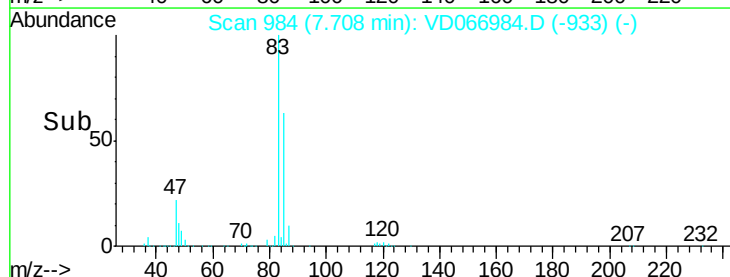
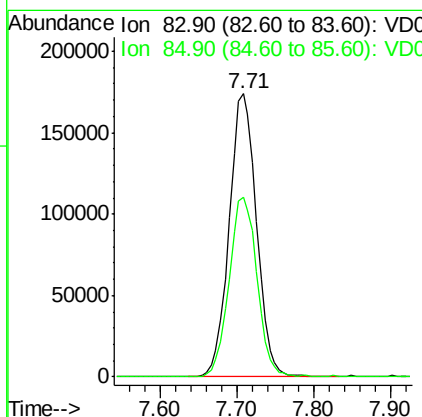
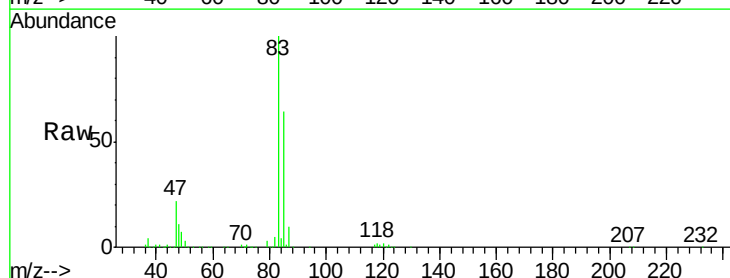
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

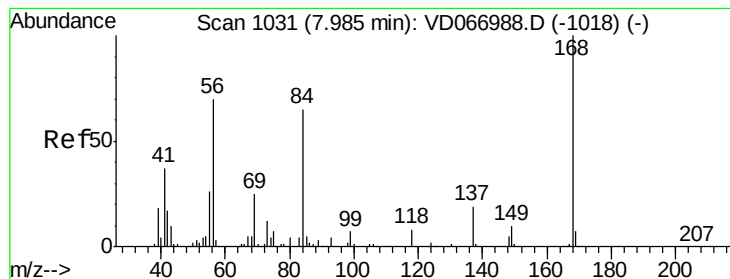
Tot Ion: 42 Resp: 154923
Ion Ratio Lower Upper
42 100
72 47.6 36.2 54.4
71 44.8 32.4 48.6



#30
Chloroform
Concen: 51.190 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion: 83 Resp: 431648
Ion Ratio Lower Upper
83 100
85 63.6 50.6 75.8





#31

Cyclohexane

Concen: 48.781 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

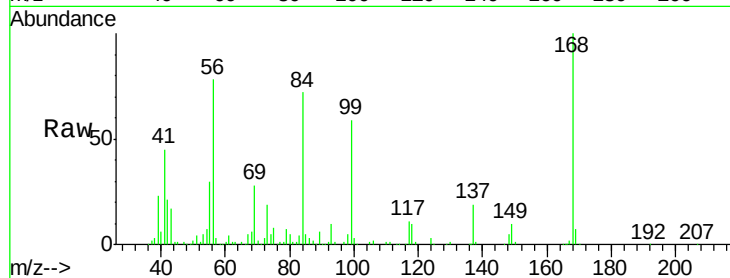
Tot Ion: 56 Resp: 329713

Ion Ratio Lower Upper

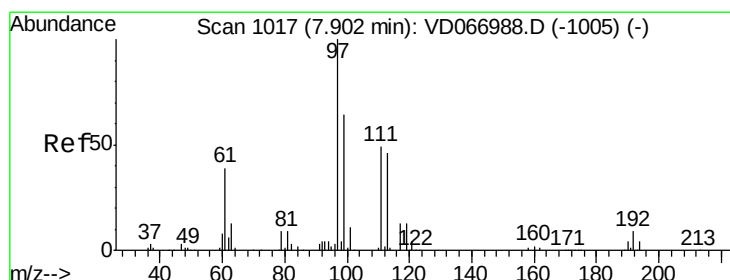
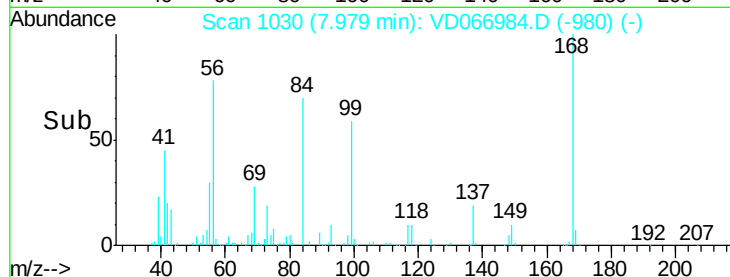
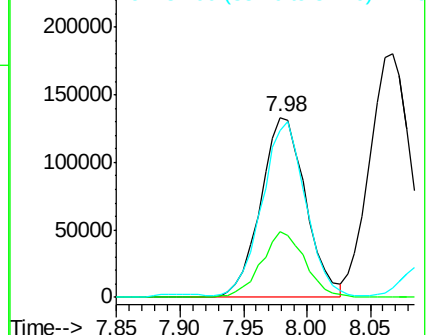
56 100

69 36.2 27.0 40.4

84 90.9 70.2 105.4



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: 50.444 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

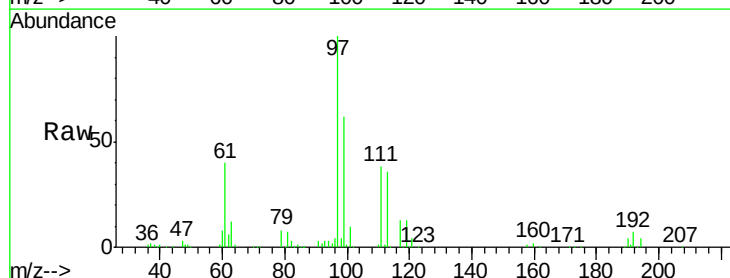
Tgt Ion: 97 Resp: 392734

Ion Ratio Lower Upper

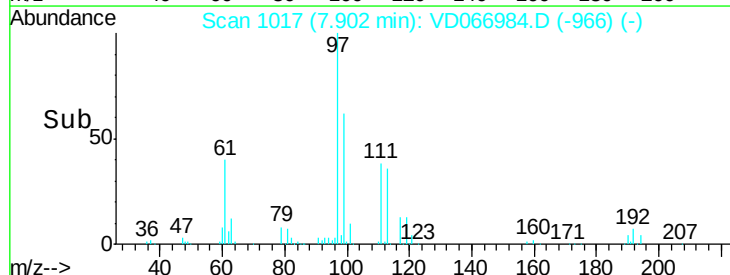
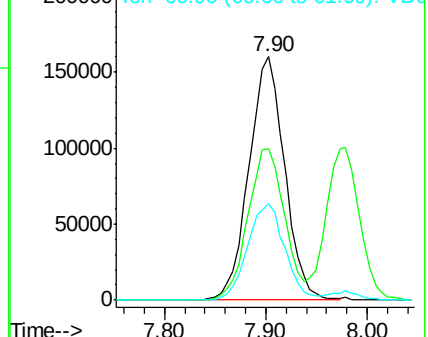
97 100

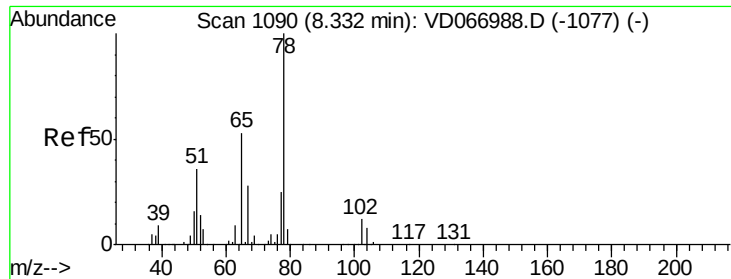
99 63.9 51.5 77.3

61 41.0 34.2 51.4



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

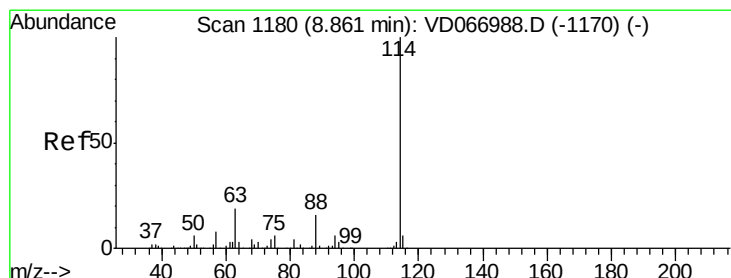
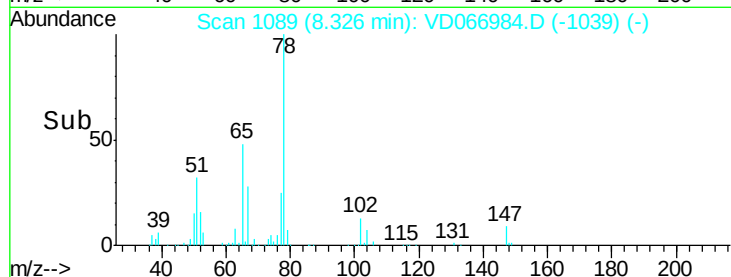
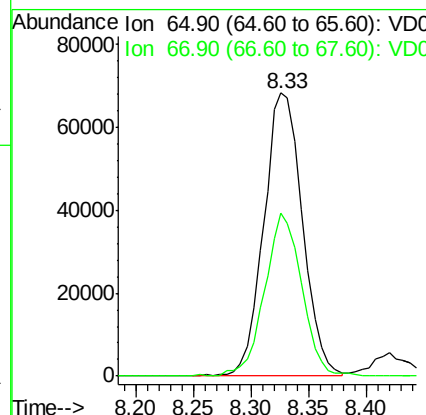
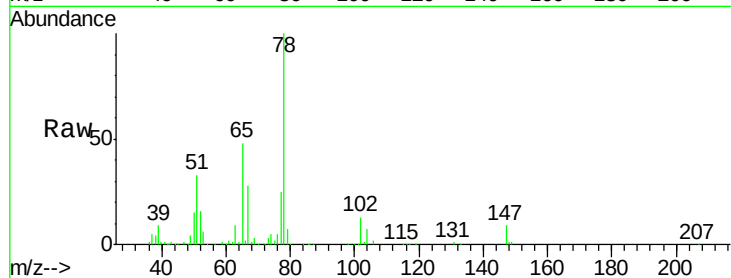




#33
 1,2-Dichloroethane-d4
 Concen: 39.237 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

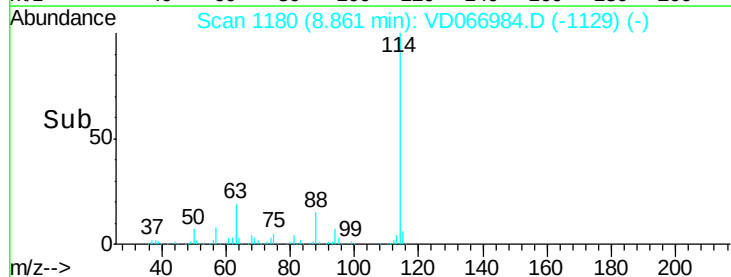
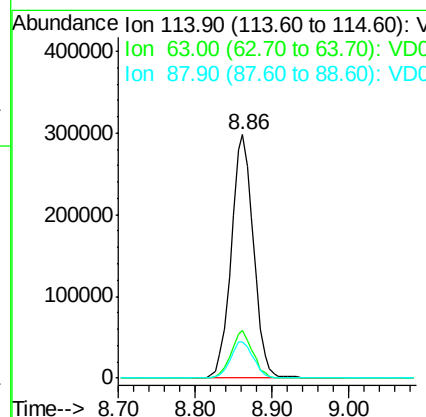
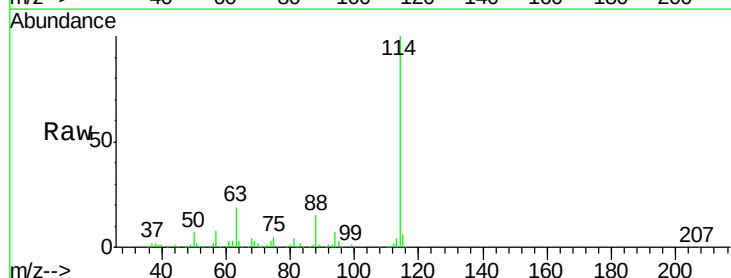
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

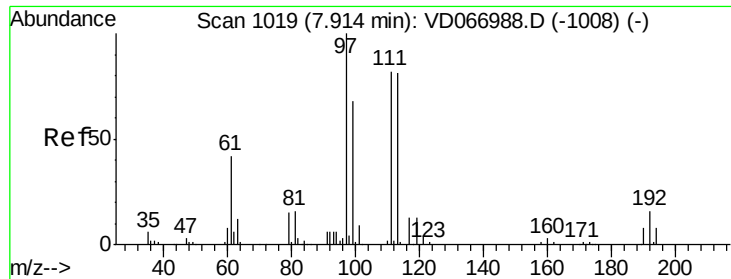
Tot Ion: 65 Resp: 159310
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

Tgt Ion: 114 Resp: 600011
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.6
 88 15.0 0.0 32.6

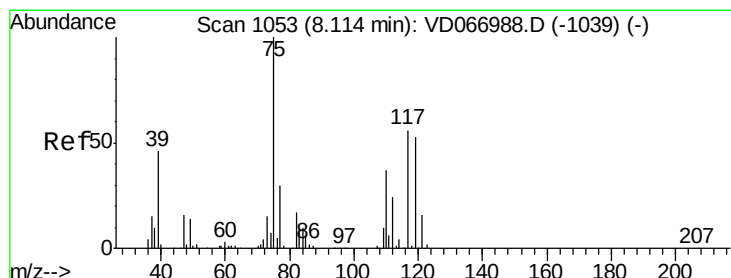
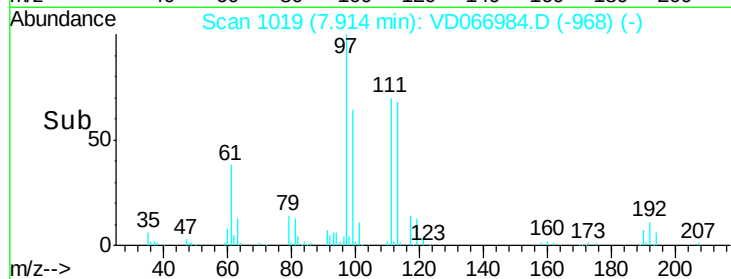
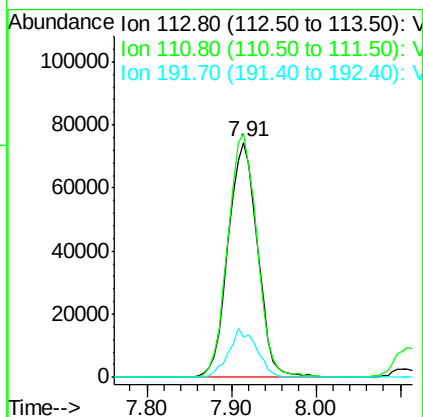
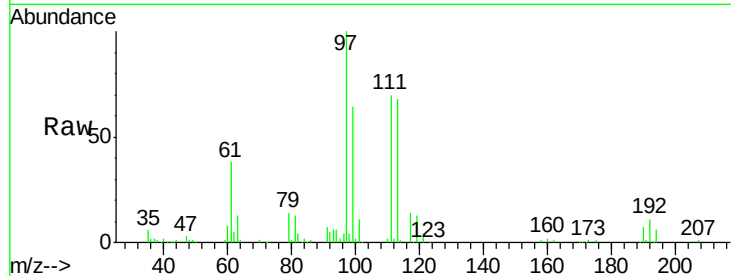




#35
 Dibromofluoromethane
 Concen: 46.556 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

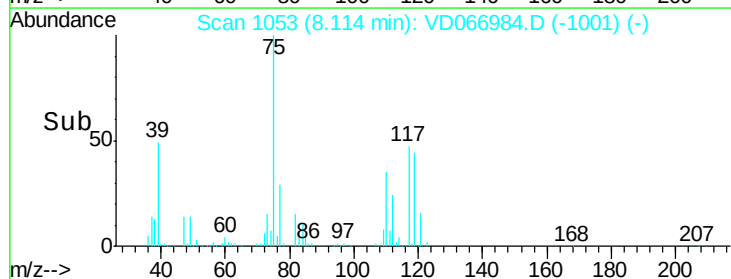
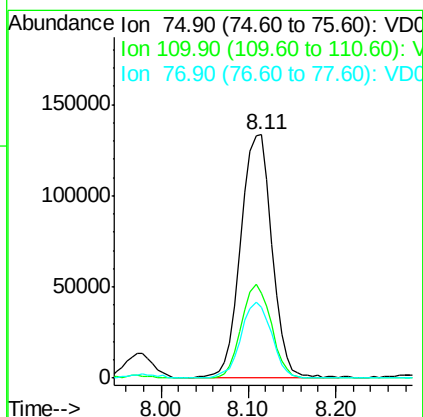
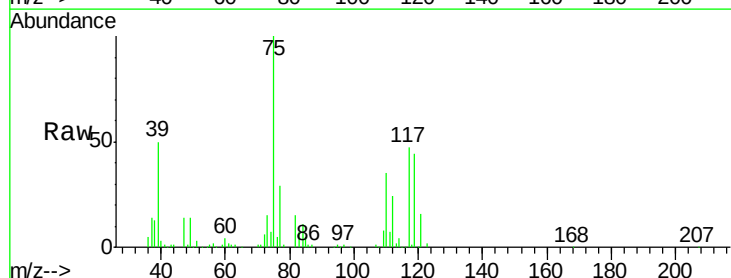
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

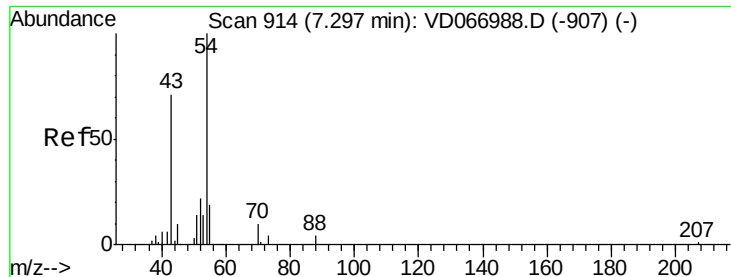
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	19.8	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 54.439 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.9	53.8
77	31.0	25.0	37.6

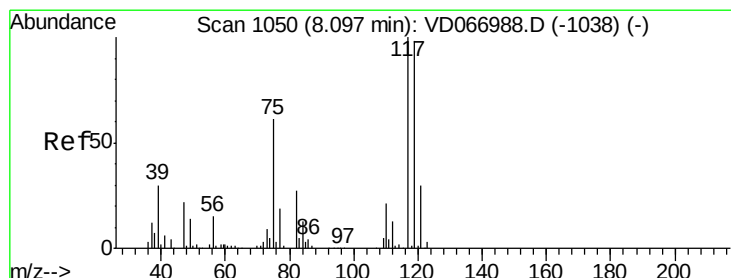
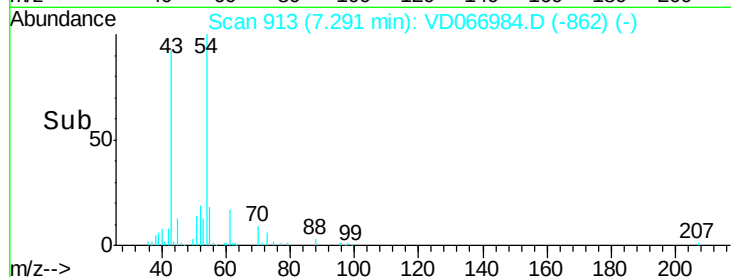
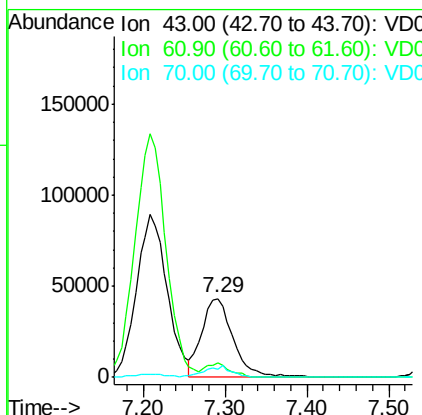
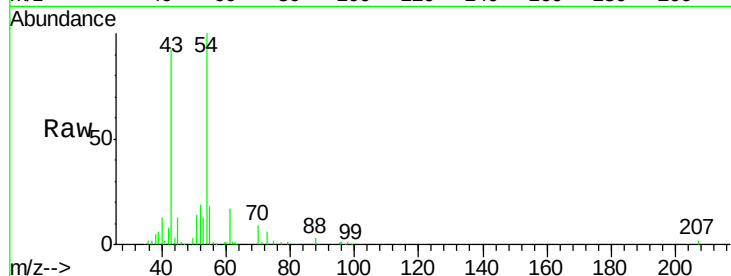




#37
Ethyl Acetate
Concen: 58.304 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

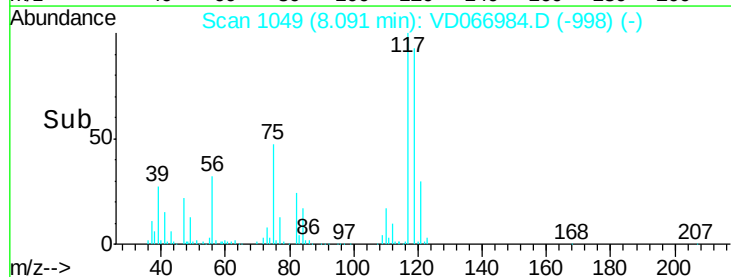
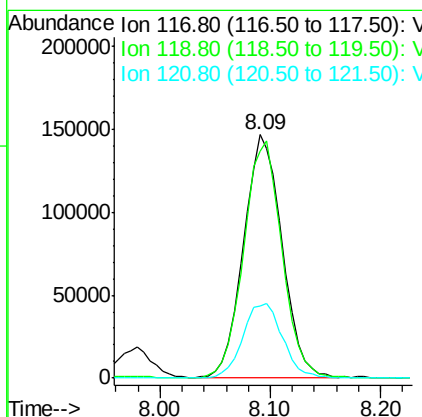
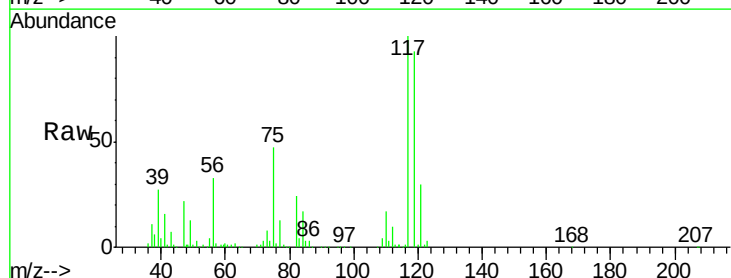
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

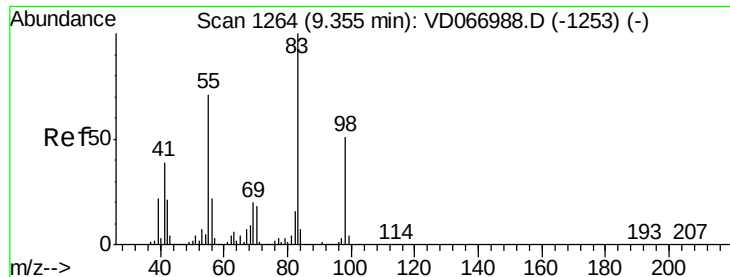
Tot Ion: 43 Resp: 114407
Ion Ratio Lower Upper
43 100
61 14.1 9.8 14.8
70 12.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 55.222 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion: 117 Resp: 358654
Ion Ratio Lower Upper
117 100
119 93.1 75.8 113.8
121 29.8 23.4 35.0

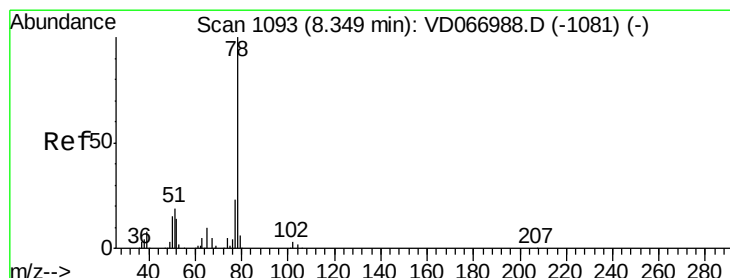
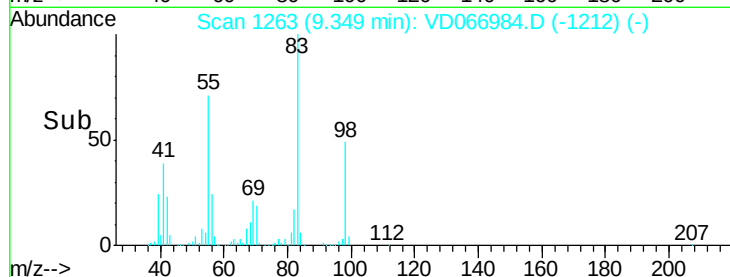
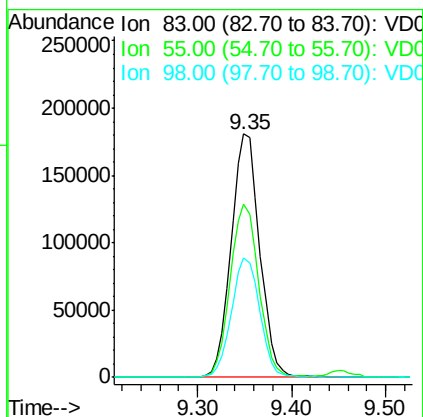
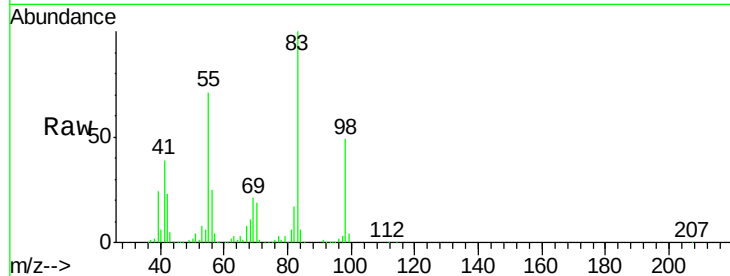




#39
Methylvlcyclohexane
Concen: 66.648 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

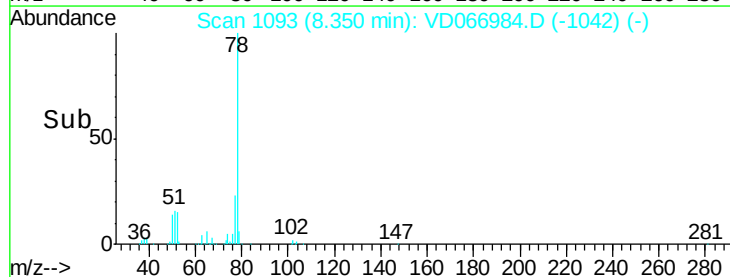
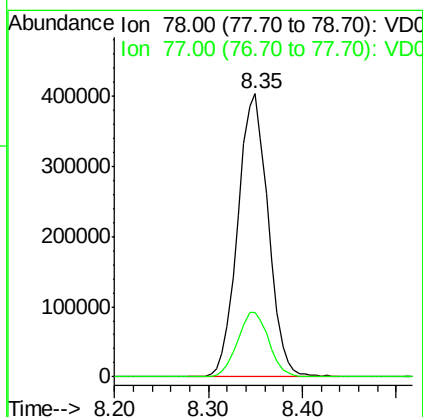
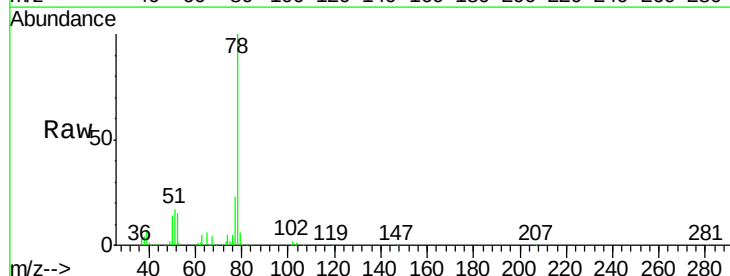
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

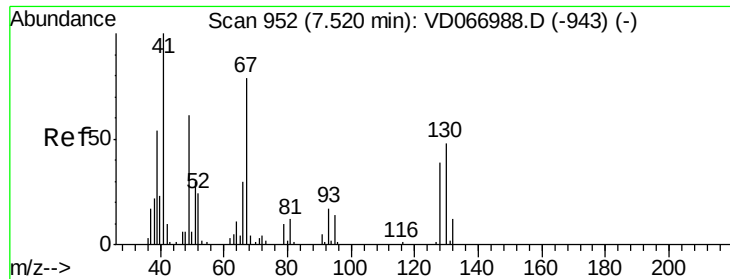
Tot Ion: 83 Resp: 382241
Ion Ratio Lower Upper
83 100
55 70.9 57.7 86.5
98 49.0 38.4 57.6



#40
Benzene
Concen: 53.629 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion: 78 Resp: 905659
Ion Ratio Lower Upper
78 100
77 22.6 19.9 29.9

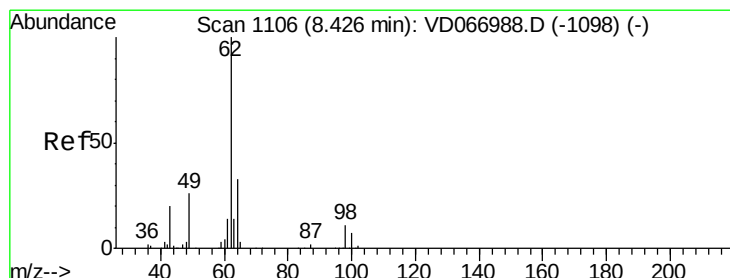
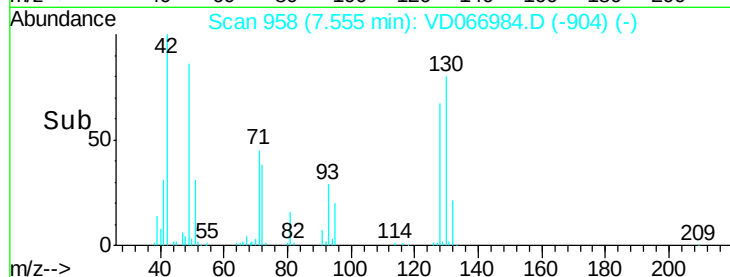
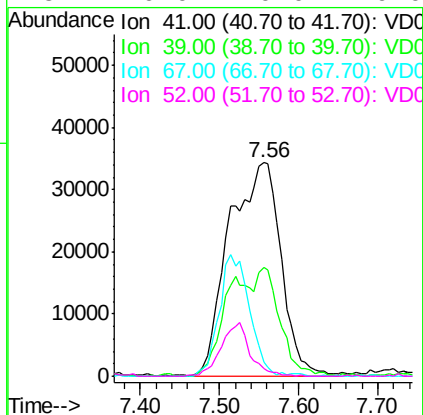
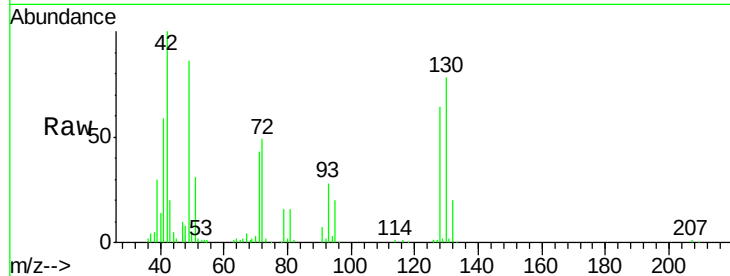




#41
Methacrylonitrile
Concen: 147.105 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.02 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

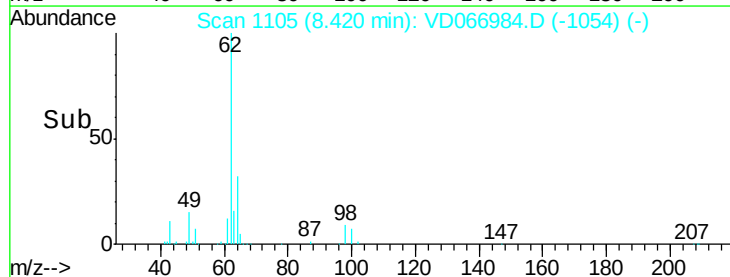
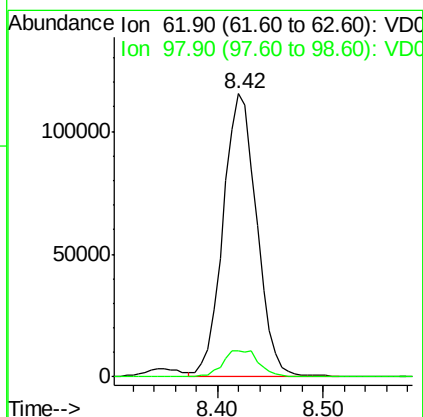
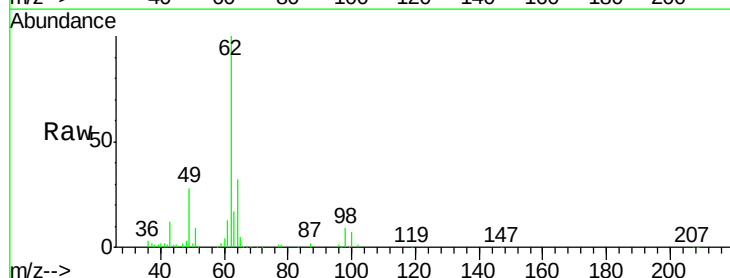
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

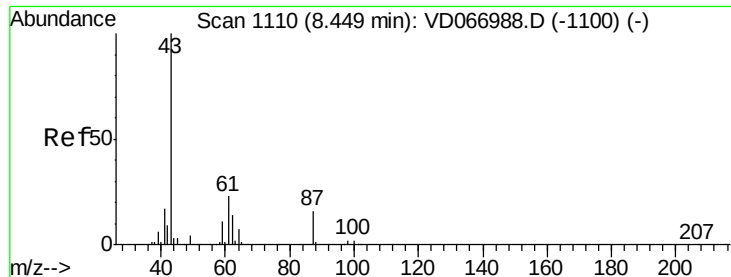
Tot Ion: 41 Resp: 155473
Ion Ratio Lower Upper
41 100
39 22.7 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.191 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion: 62 Resp: 253465
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 56.518 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

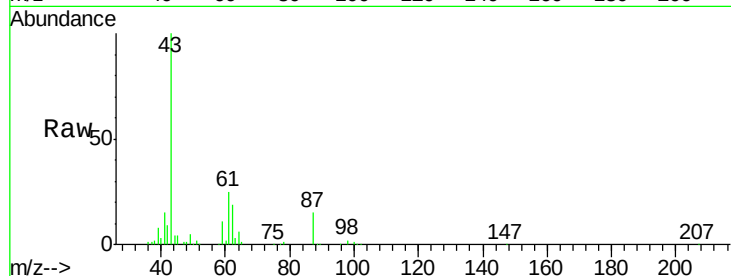
Tot Ion: 43 Resp: 213273

Ion Ratio Lower Upper

43 100

61 34.1 26.2 39.4

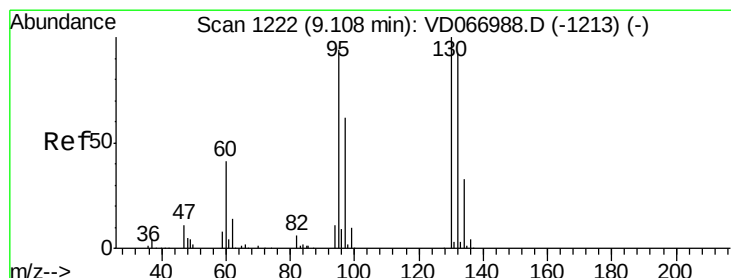
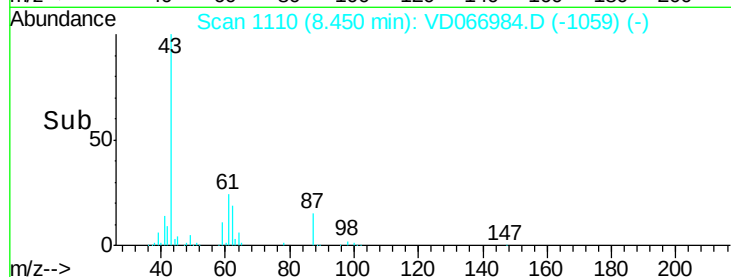
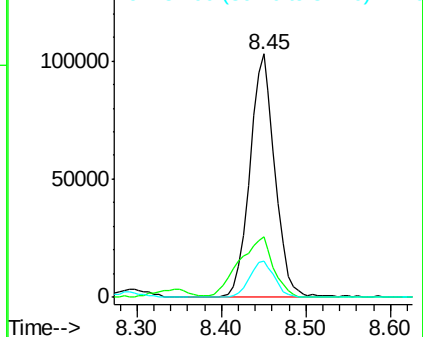
87 14.9 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 53.636 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066984.D

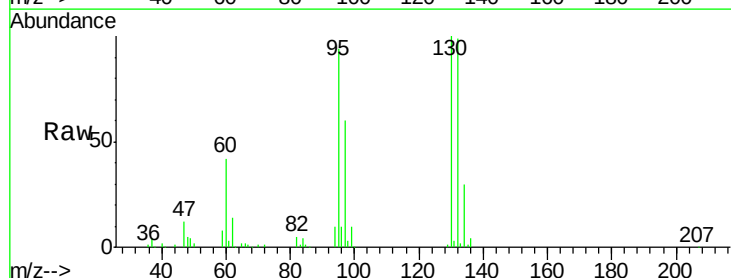
Acq: 01 Oct 2020 10:29

Tgt Ion:130 Resp: 263178

Ion Ratio Lower Upper

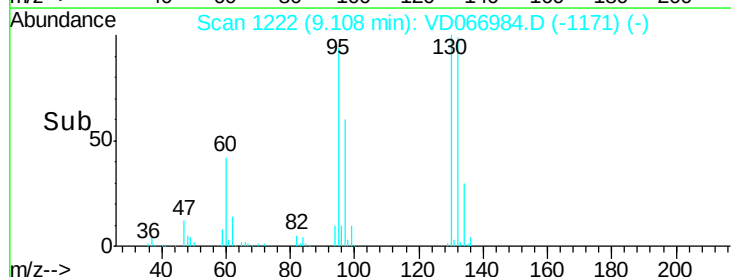
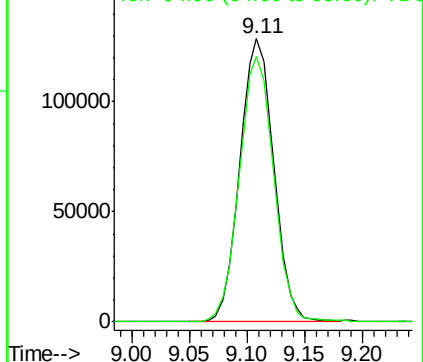
130 100

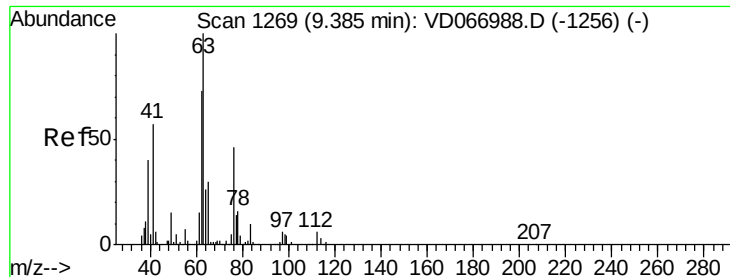
95 93.8 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

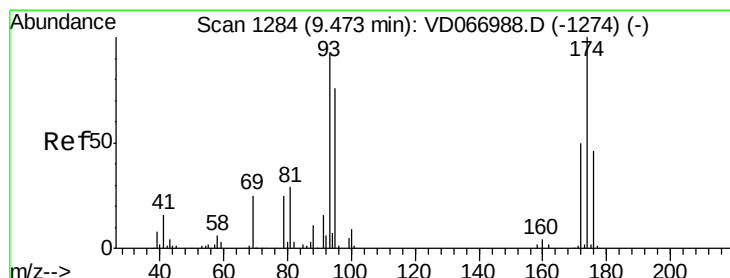
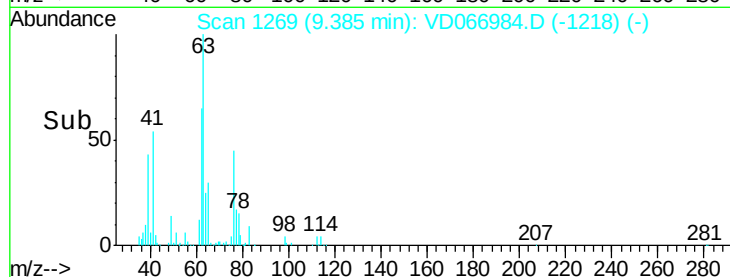
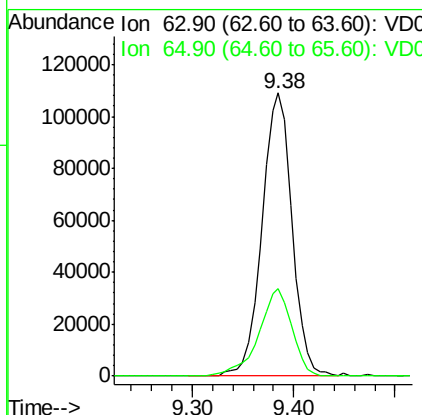
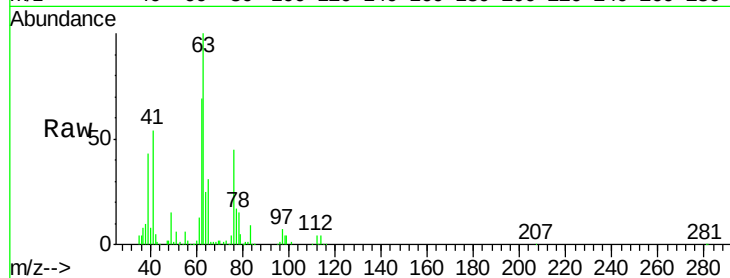




#45
 1,2-Dichloropropane
 Concen: 57.524 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

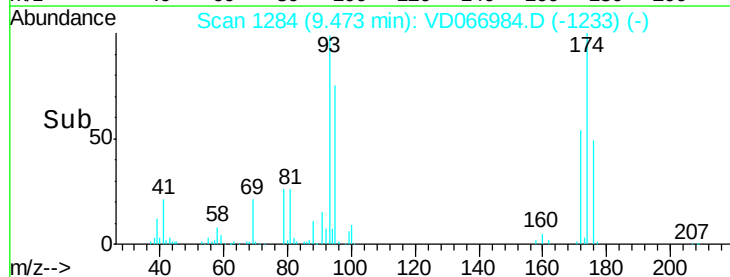
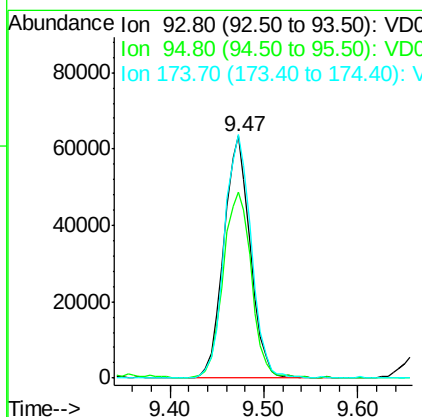
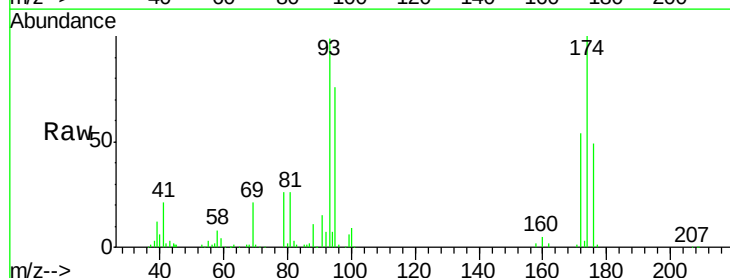
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

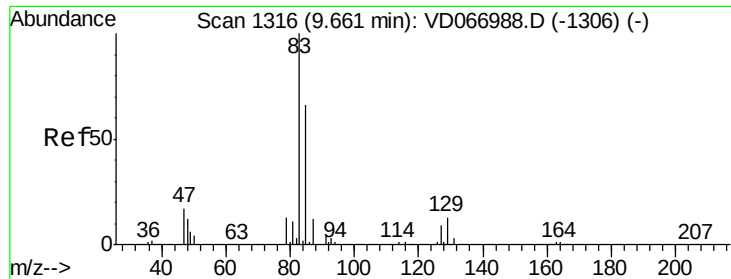
Tot Ion: 63 Resp: 223375
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1



#46
 Dibromomethane
 Concen: 55.951 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

Tgt Ion: 93 Resp: 124306
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.3 97.9
 174 101.9 75.4 113.2





#47

Bromodichloromethane

Concen: 55.374 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

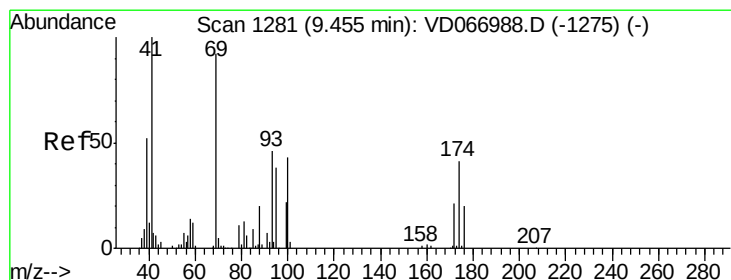
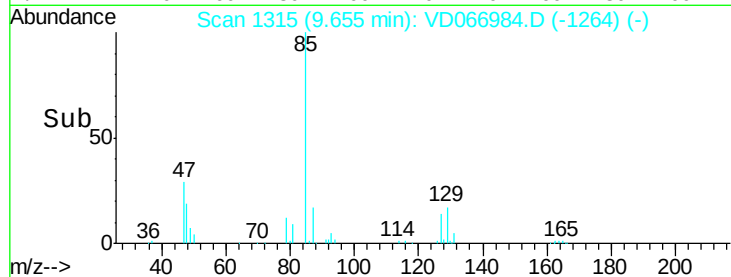
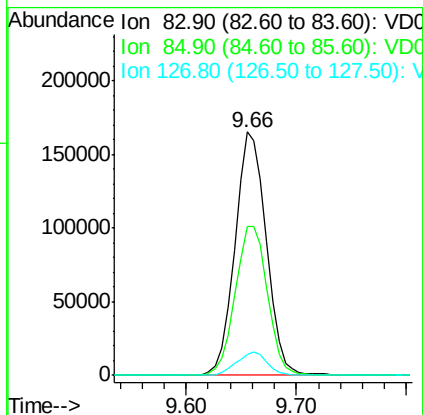
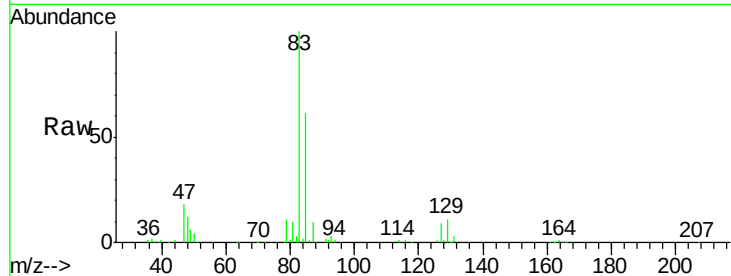
Tot Ion: 83 Resp: 329840

Ion Ratio Lower Upper

83 100

85 61.3 50.9 76.3

127 8.6 5.9 8.9



#48

Methyl methacrylate

Concen: 52.940 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

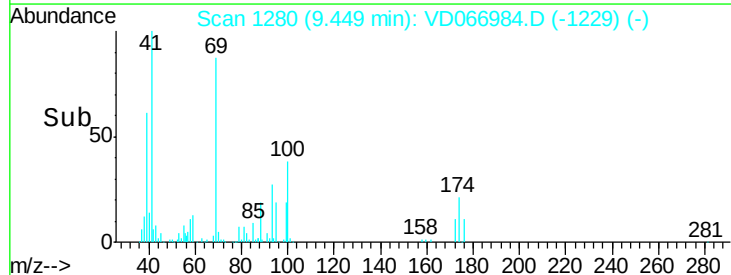
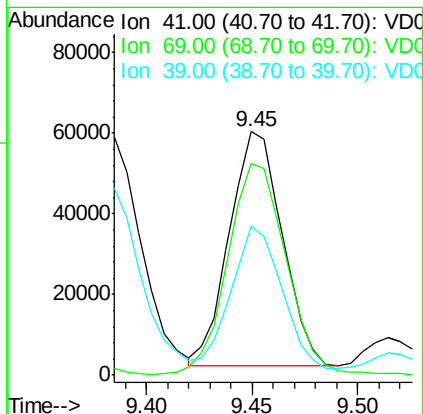
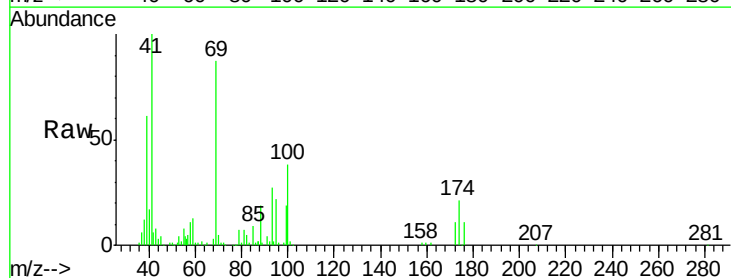
Tgt Ion: 41 Resp: 101076

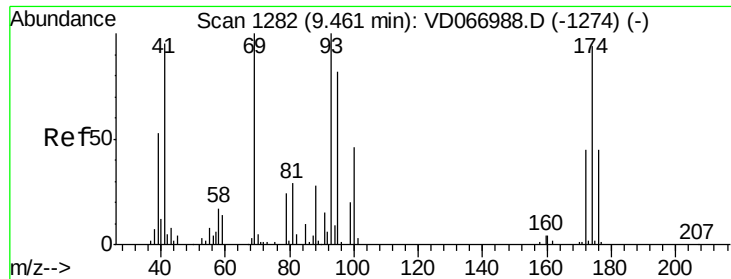
Ion Ratio Lower Upper

41 100

69 100.5 74.5 111.7

39 57.8 47.0 70.6

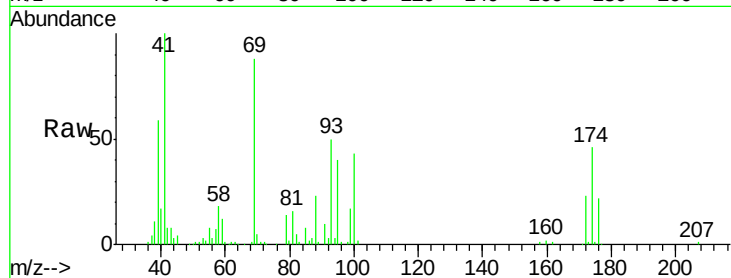




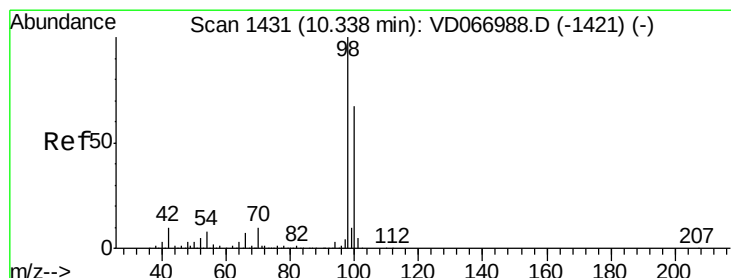
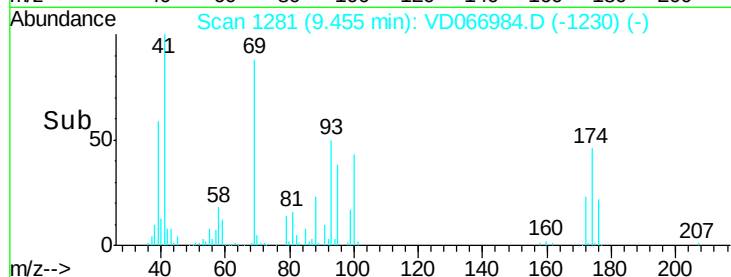
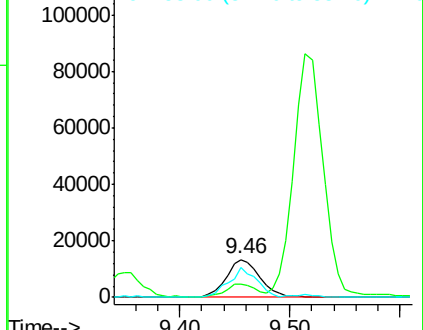
#49
1,4-Dioxane
Concen: 1209.305 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion: 88 Resp: 28759
Ion Ratio Lower Upper
88 100
43 32.5 27.7 41.5
58 67.6 55.5 83.3

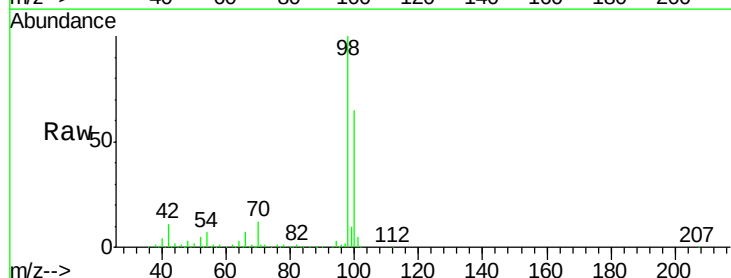


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

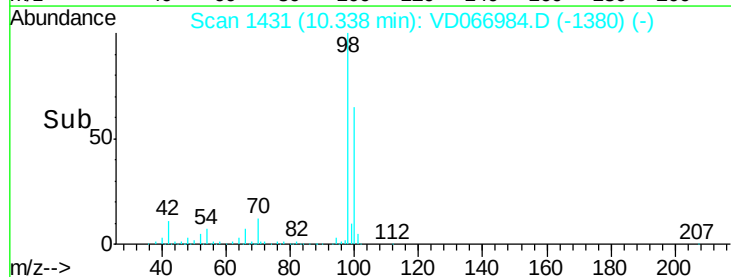
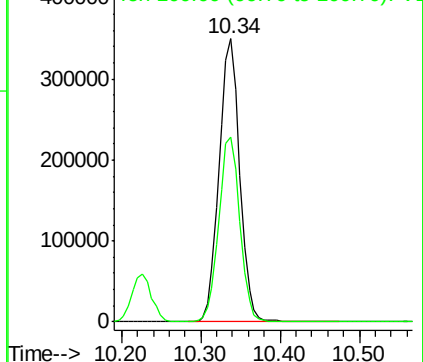


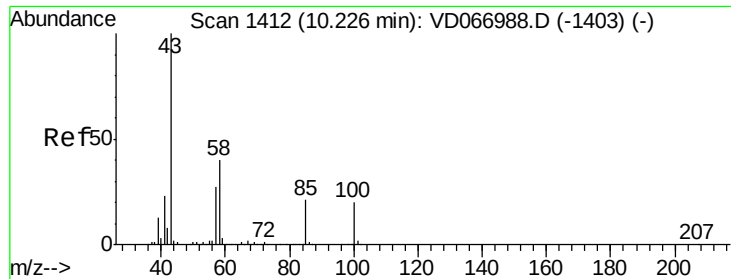
#50
Toluene-d8
Concen: 45.139 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion: 98 Resp: 631264
Ion Ratio Lower Upper
98 100
100 66.6 52.2 78.2



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

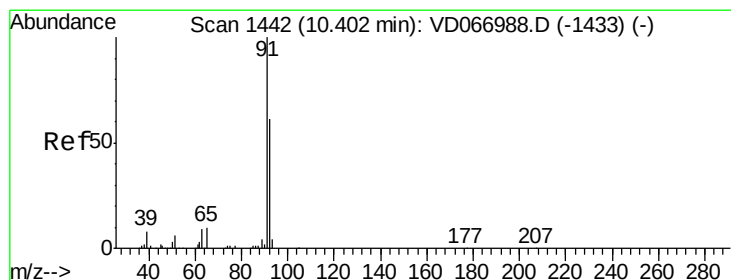
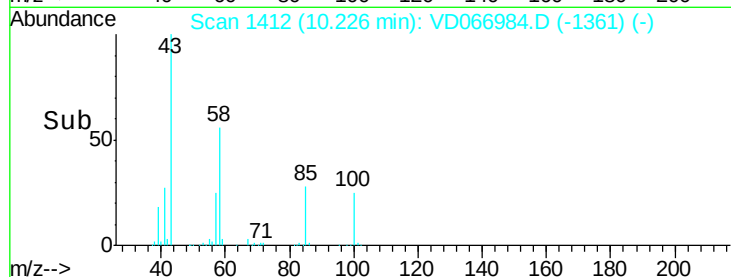
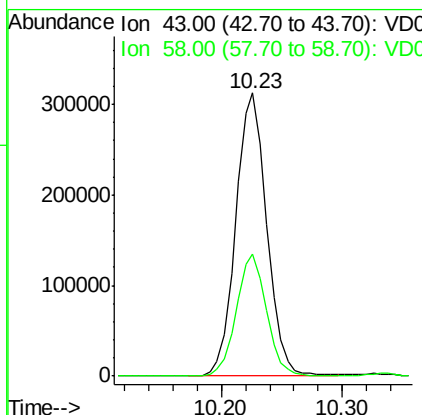
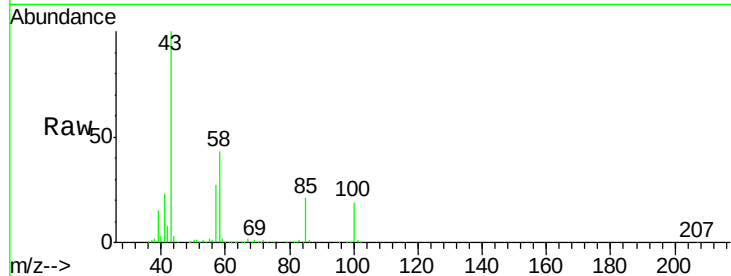




#51
4-Methyl-2-Pentanone
Concen: 312.518 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

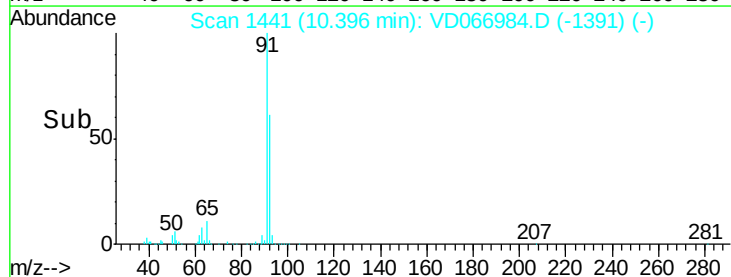
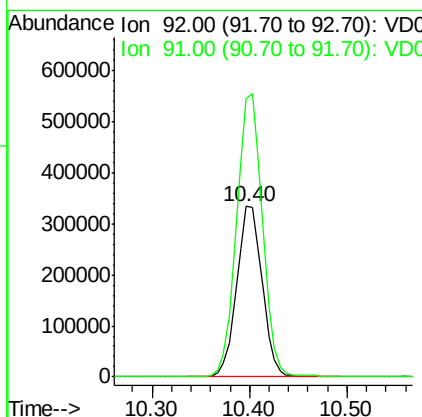
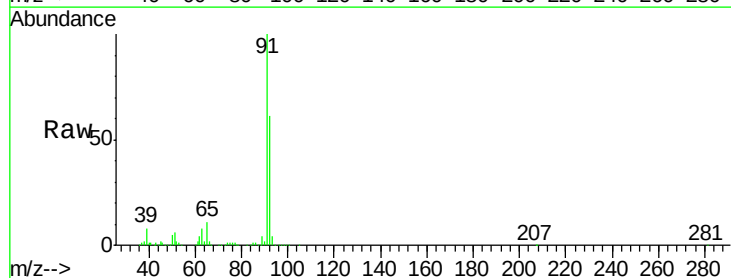
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

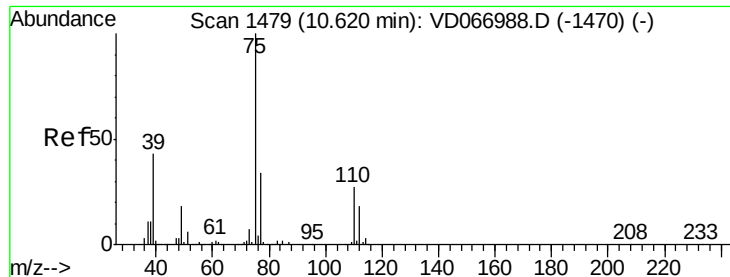
Tot Ion: 43 Resp: 559598
Ion Ratio Lower Upper
43 100
58 42.0 32.2 48.4



#52
Toluene
Concen: 59.769 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion: 92 Resp: 609817
Ion Ratio Lower Upper
92 100
91 168.1 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 59.587 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

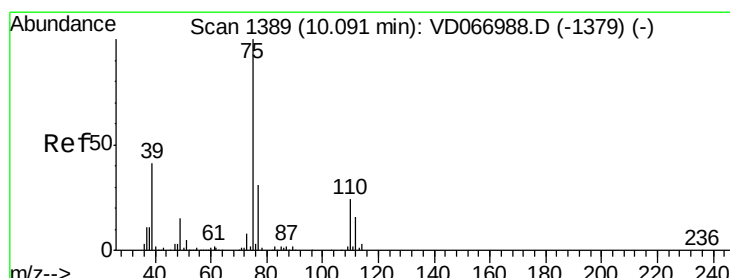
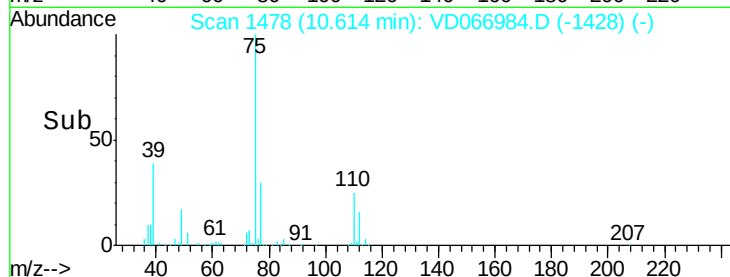
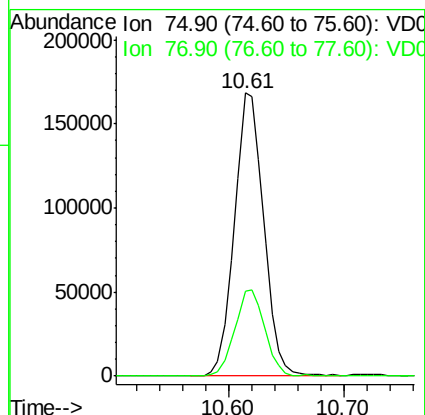
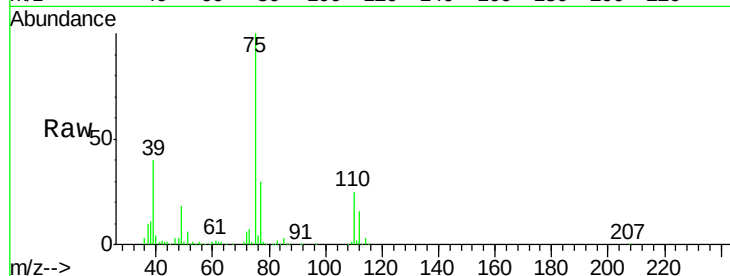
VSTD05006

Tot Ion: 75 Resp: 296049

Ion Ratio Lower Upper

75 100

77 29.9 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 58.140 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

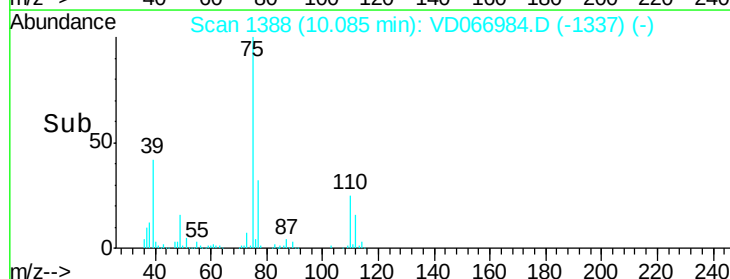
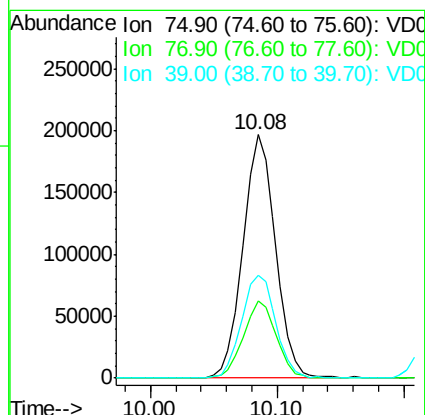
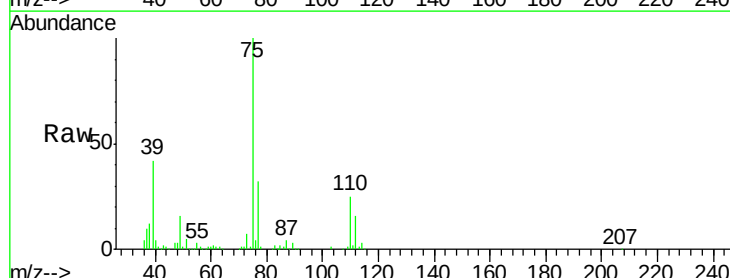
Tgt Ion: 75 Resp: 350207

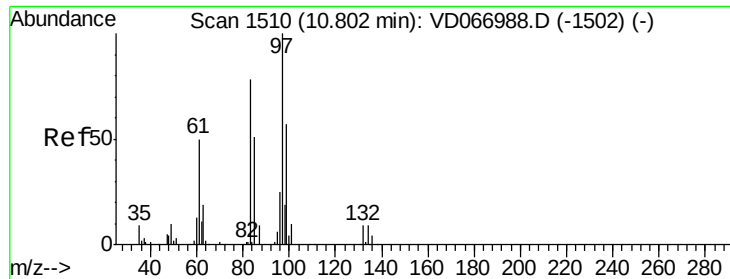
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 41.9 39.2 58.8

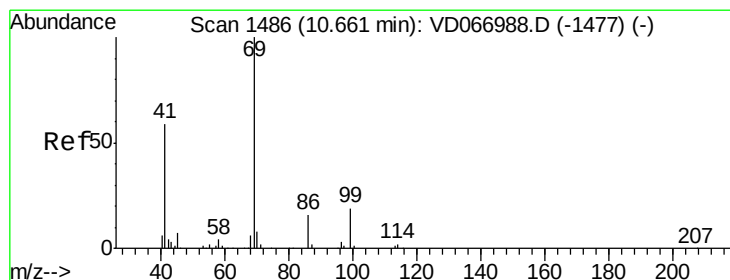
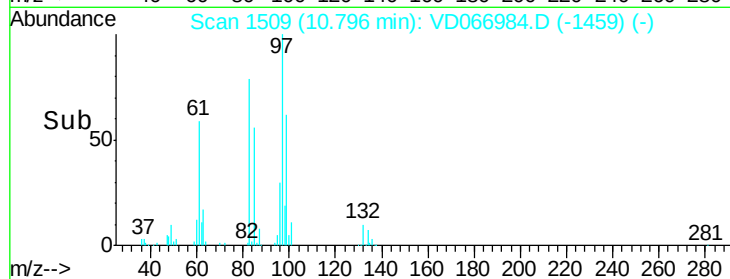
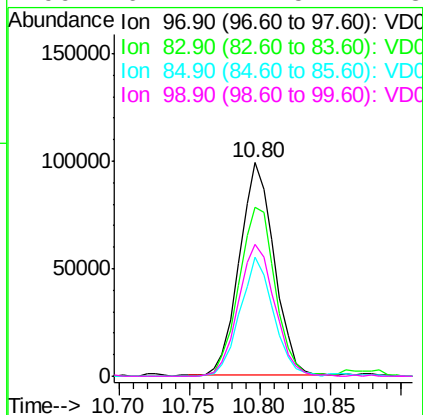
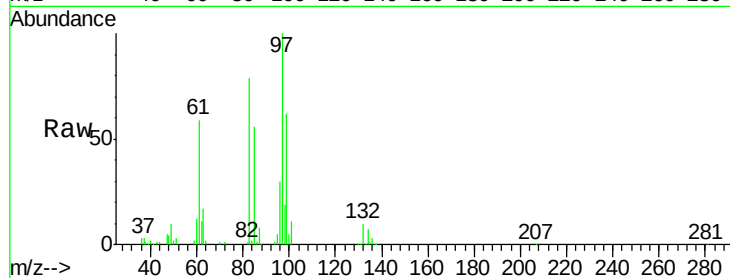




#55
 1,1,2-Trichloroethane
 Concen: 53.912 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

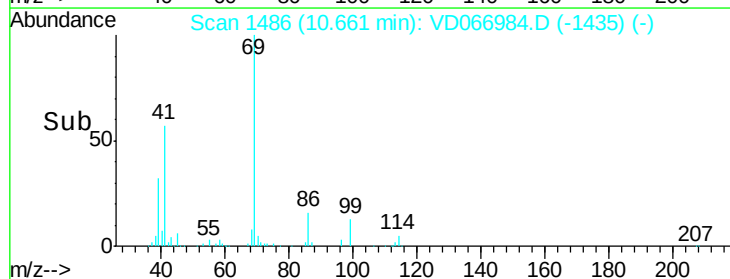
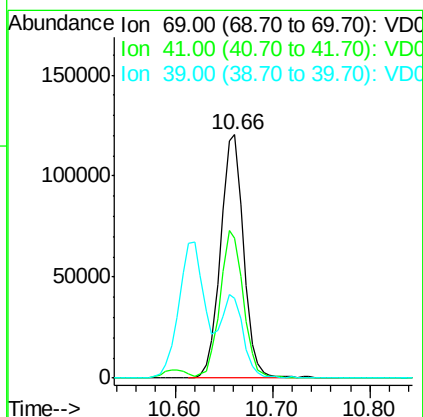
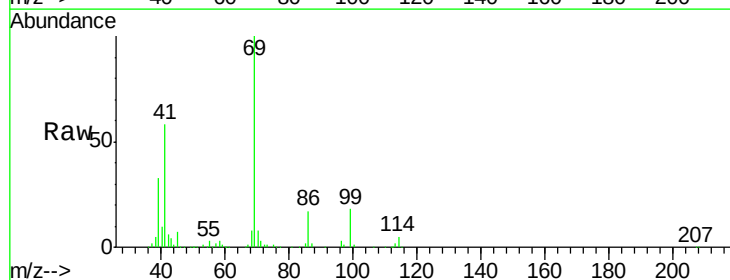
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

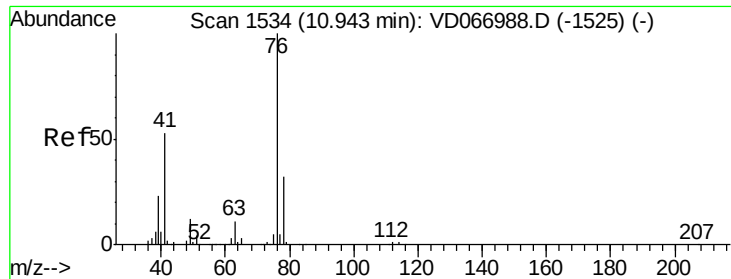
Tot Ion:	97	Resp:	171167
Ion	Ratio	Lower	Upper
97	100		
83	79.6	64.2	96.2
85	55.7	41.9	62.9
99	61.7	47.5	71.3



#56
 Ethyl methacrylate
 Concen: 72.191 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

Tgt Ion:	69	Resp:	197438
Ion	Ratio	Lower	Upper
69	100		
41	61.5	52.2	78.2
39	33.7	26.6	40.0

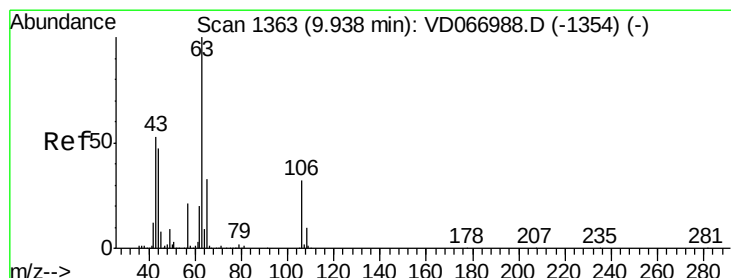
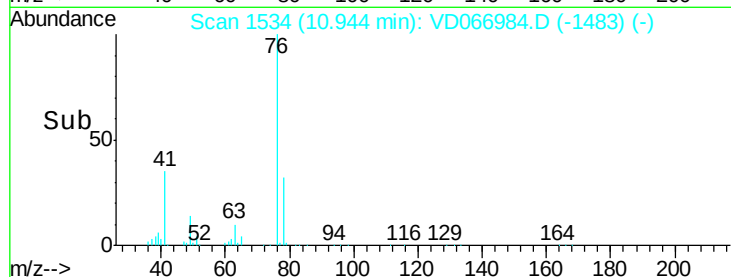
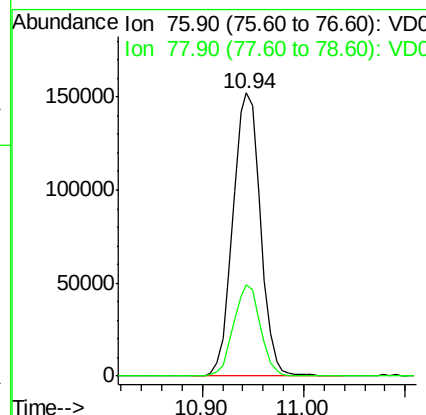
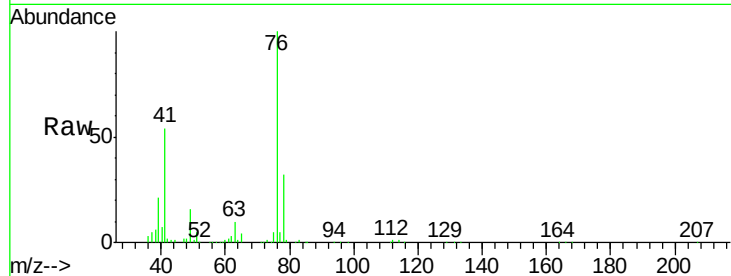




#57
 1,3-Dichloropropane
 Concen: 56.463 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

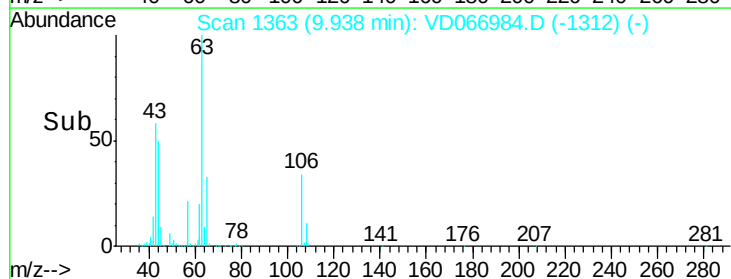
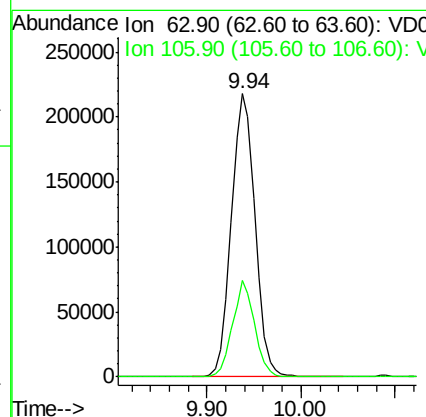
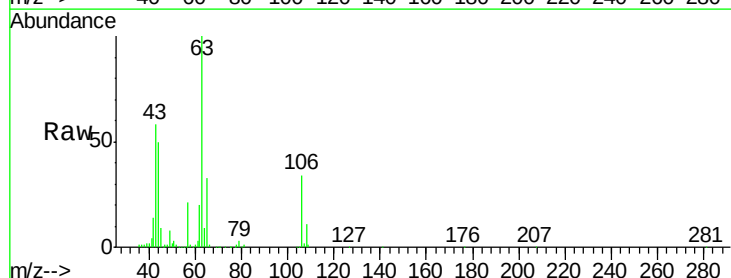
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

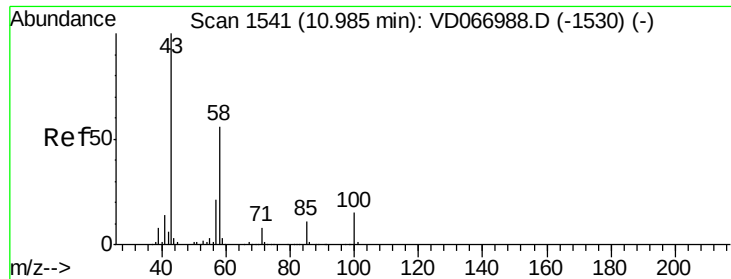
Tot Ion: 76 Resp: 285655
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.844 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

Tgt Ion: 63 Resp: 382037
 Ion Ratio Lower Upper
 63 100
 106 31.4 23.8 35.6

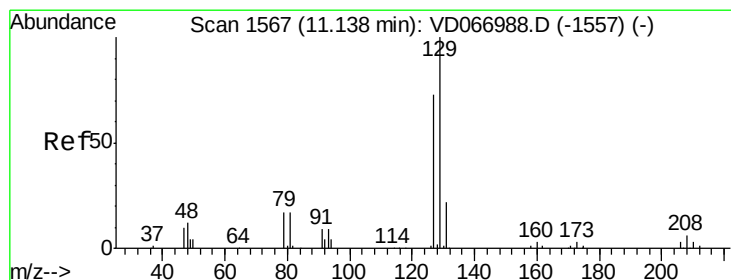
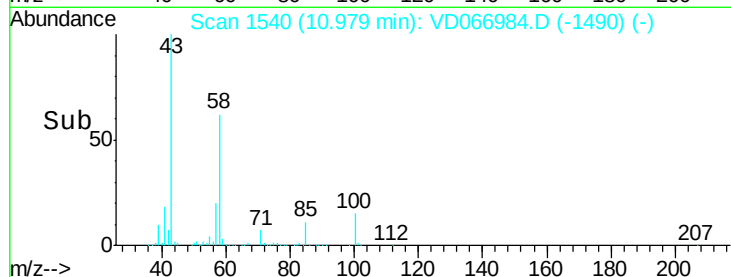
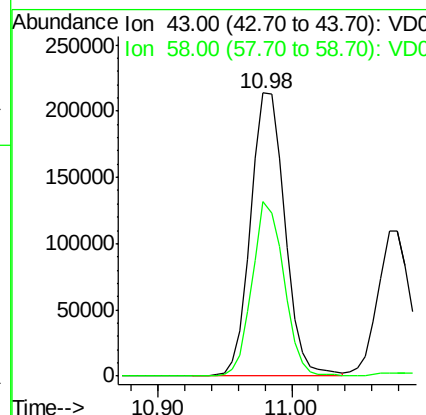
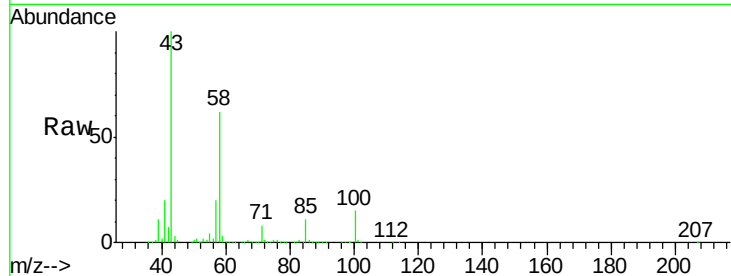




#59
2-Hexanone
Concen: 325.868 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

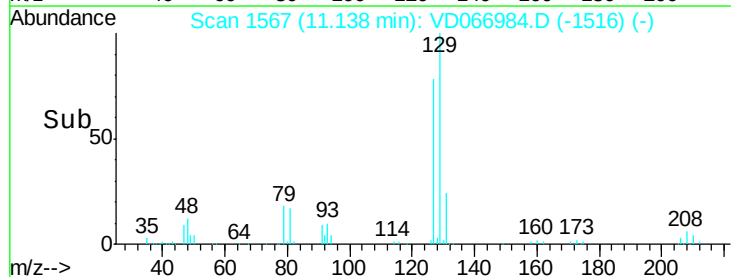
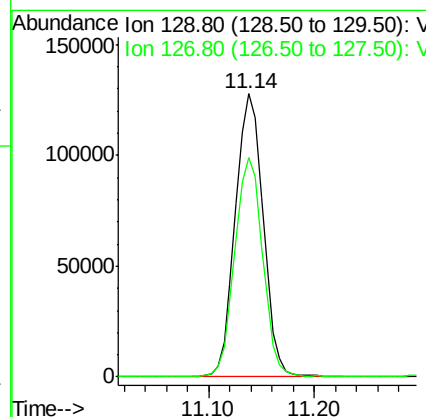
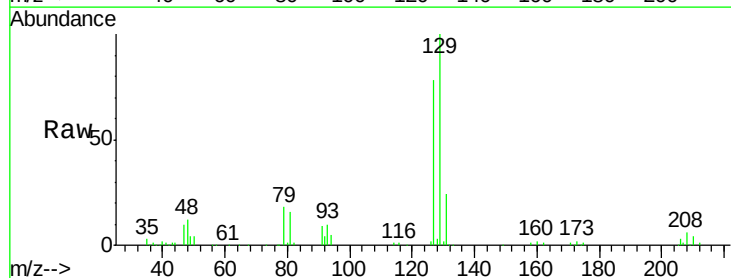
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

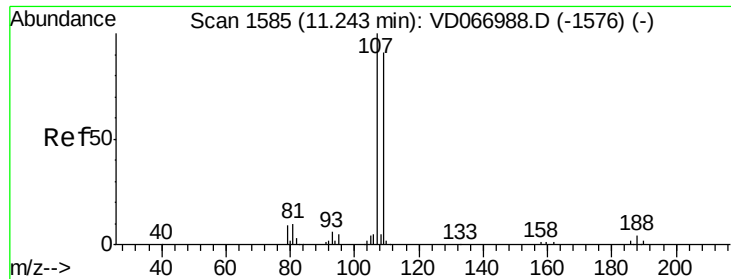
Tot Ion: 43 Resp: 379214
Ion Ratio Lower Upper
43 100
58 57.1 27.0 80.8



#60
Dibromochloromethane
Concen: 57.003 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion: 129 Resp: 233542
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

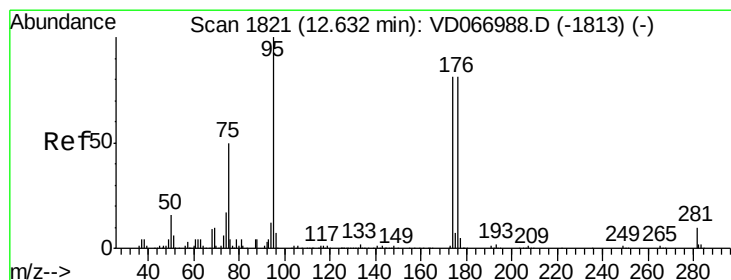
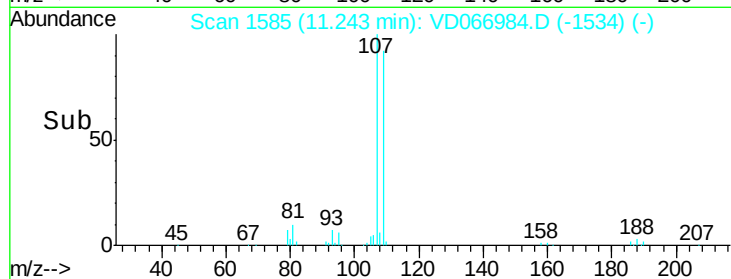
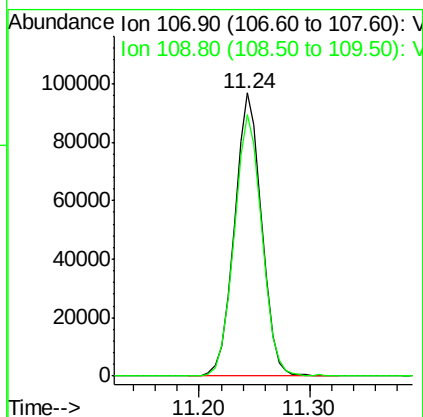
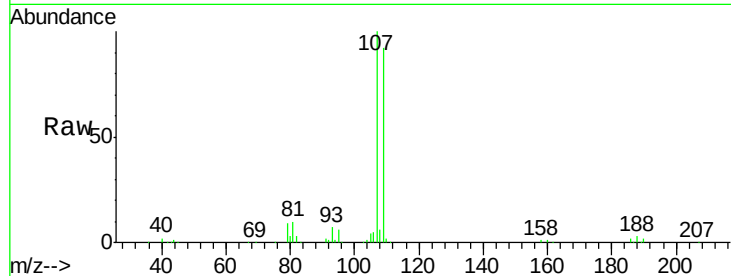




#61
 1,2-Dibromoethane
 Concen: 55.794 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

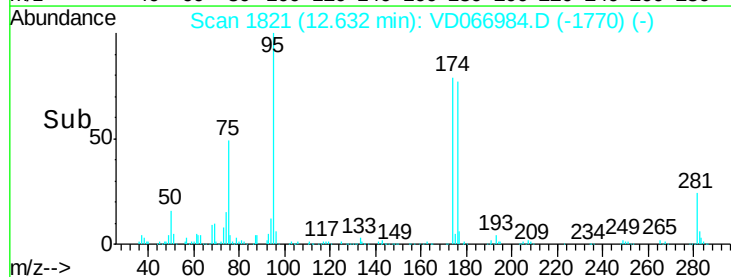
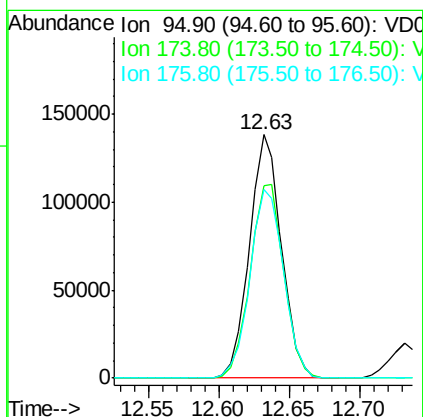
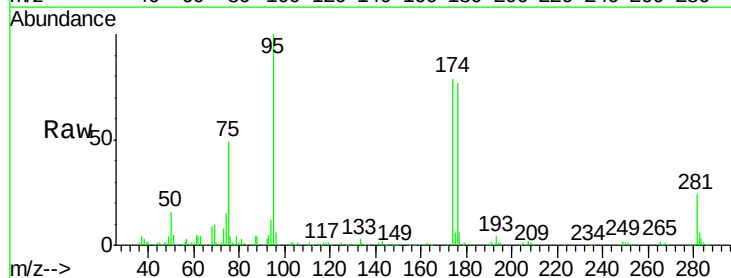
Instrument :
 MSVOA_D
 ClientSampled :
 VSTD05006

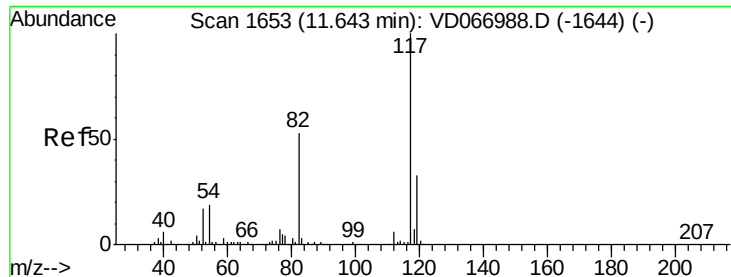
Tot Ion:107 Resp: 166641
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 47.140 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

Tgt Ion: 95 Resp: 220253
 Ion Ratio Lower Upper
 95 100
 174 83.3 0.0 159.8
 176 81.6 0.0 154.4

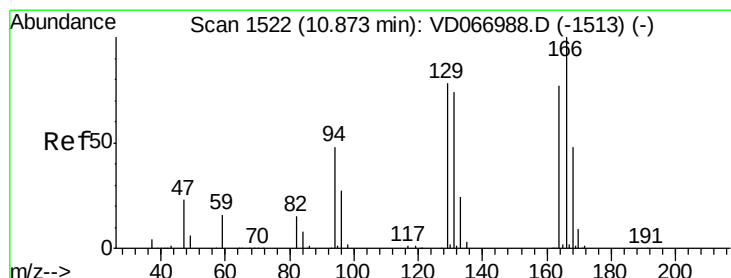
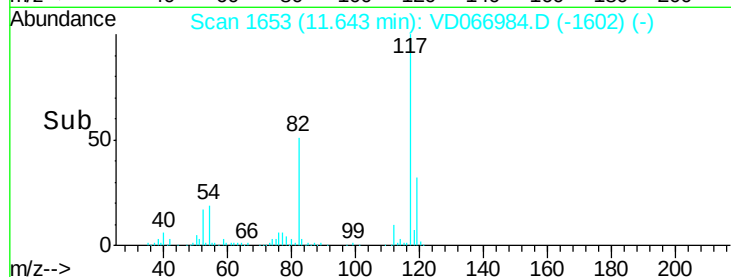
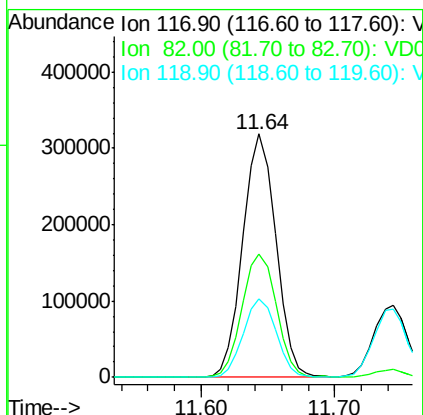
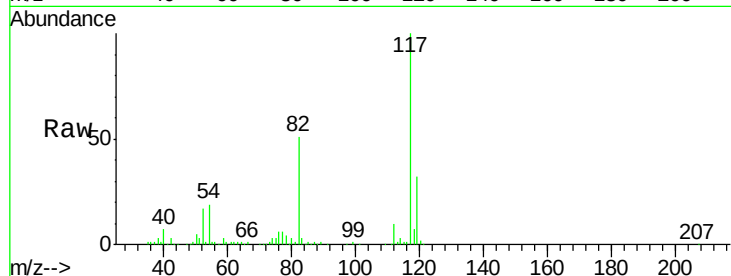




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

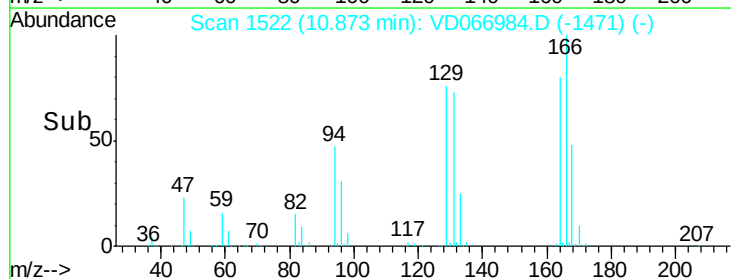
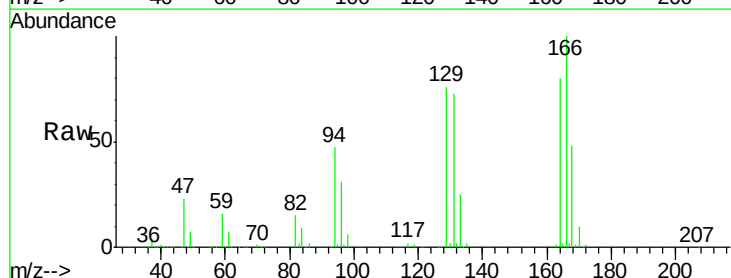
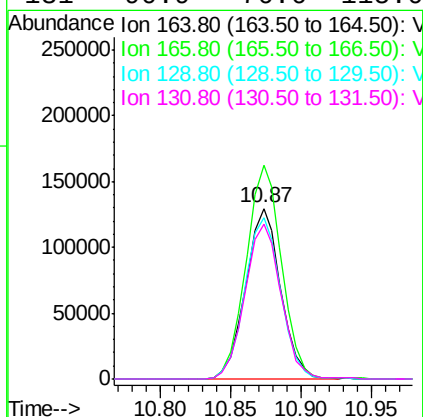
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

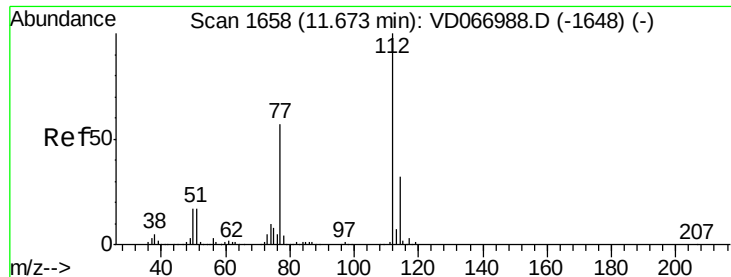
Tot Ion:117 Resp: 550139
Ion Ratio Lower Upper
117 100
82 50.8 41.8 62.6
119 32.0 24.6 37.0



#64
Tetrachloroethene
Concen: 51.175 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion:164 Resp: 225512
Ion Ratio Lower Upper
164 100
166 125.2 101.1 151.7
129 94.8 77.0 115.4
131 90.9 76.6 115.0

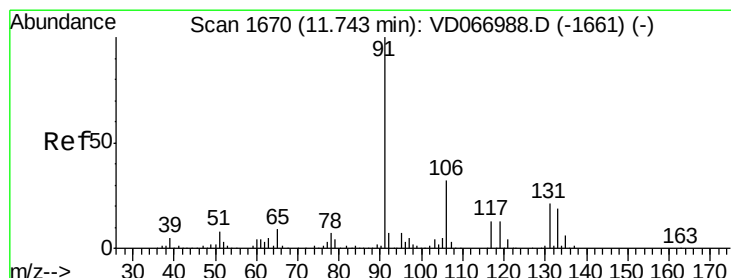
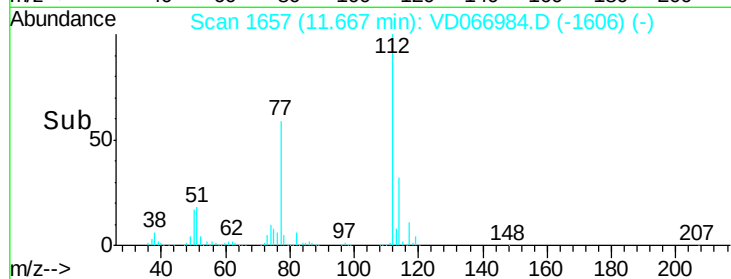
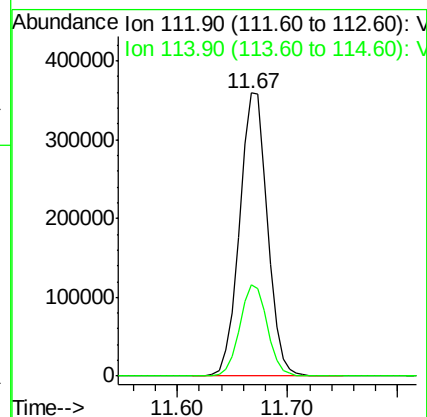
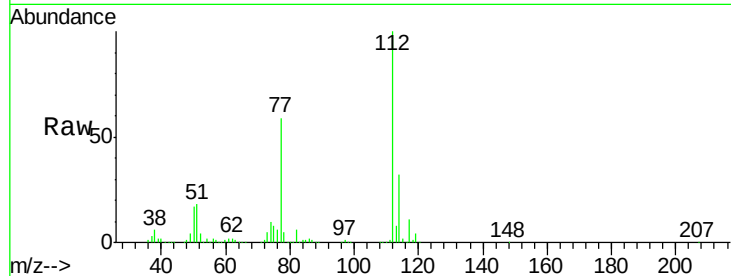




#65
Chlorobenzene
Concen: 53.835 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

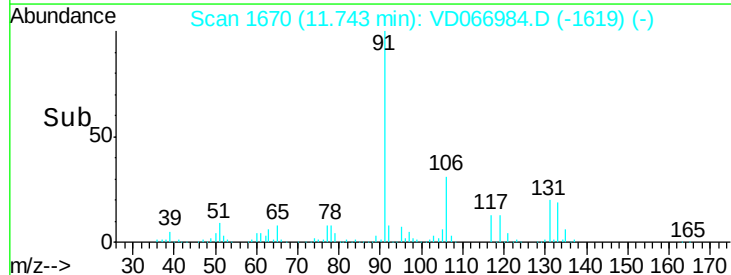
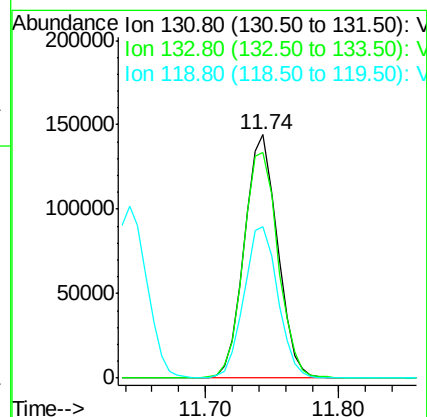
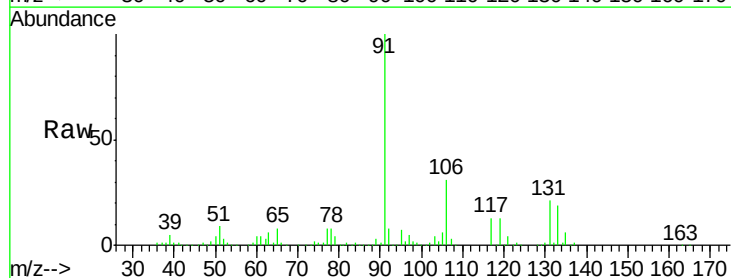
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

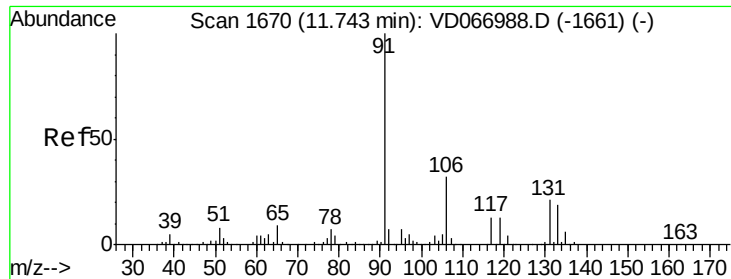
Tot Ion:112 Resp: 637717
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.487 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion:131 Resp: 247332
Ion Ratio Lower Upper
131 100
133 96.9 46.7 140.1
119 63.8 32.3 96.9

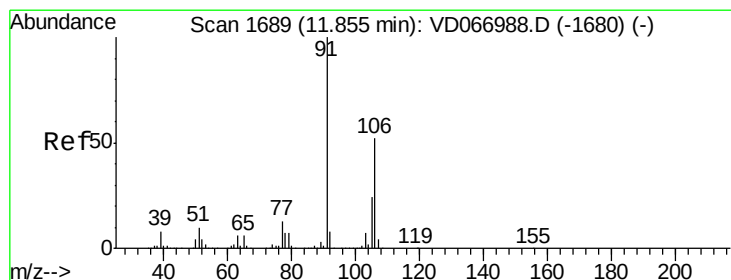
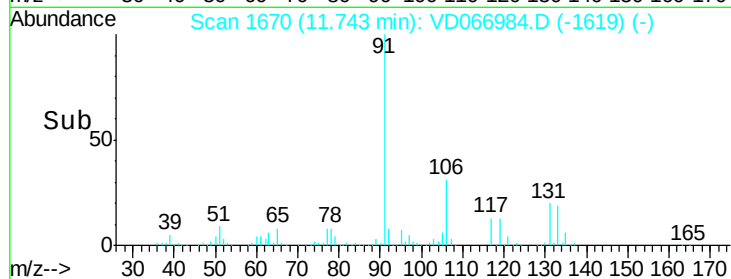
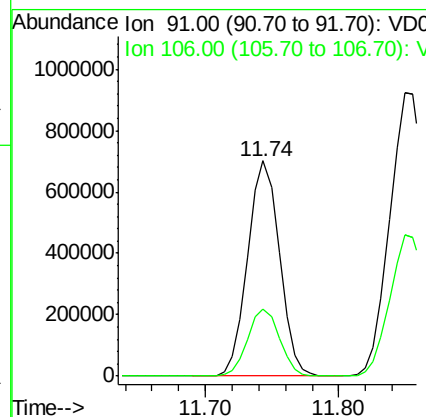
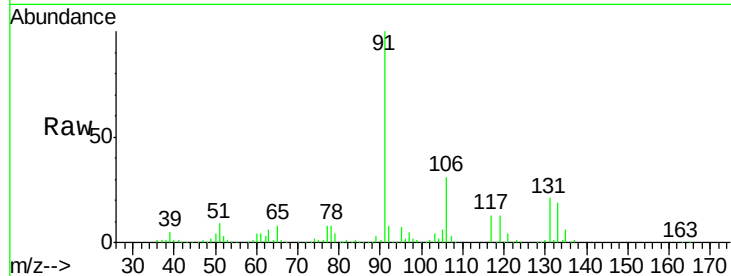




#67
Ethyl Benzene
Concen: 60.293 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

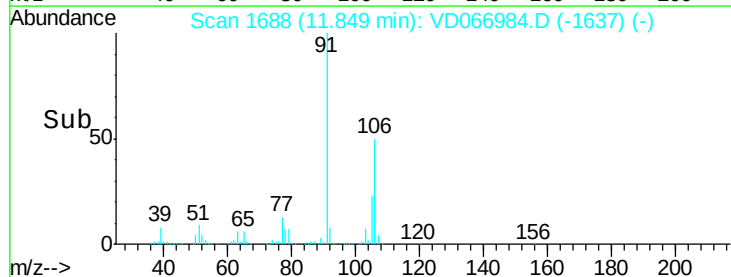
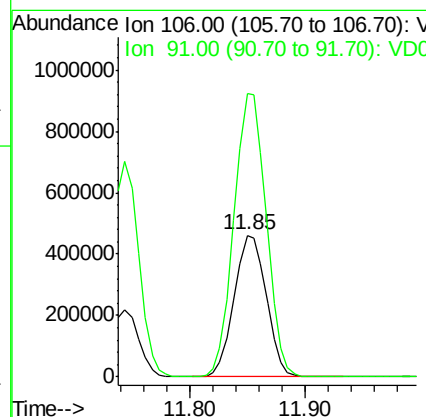
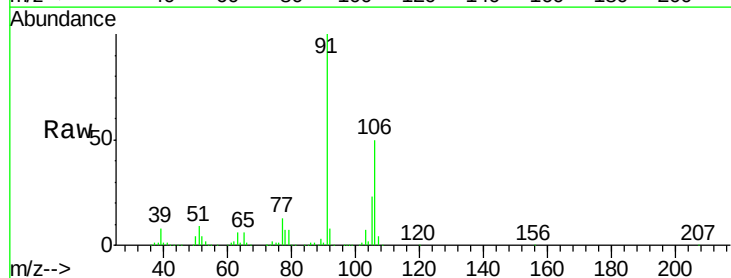
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

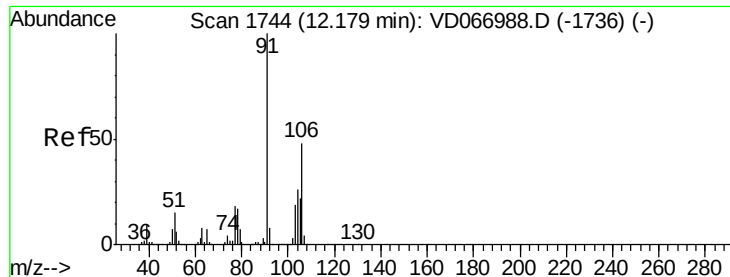
Tot Ion: 91 Resp: 1157887
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 118.265 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion: 106 Resp: 889947
Ion Ratio Lower Upper
106 100
91 200.5 160.7 241.1

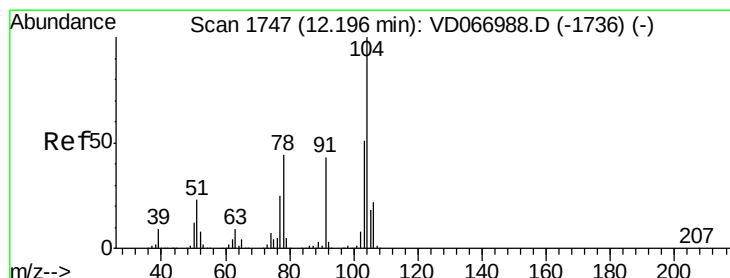
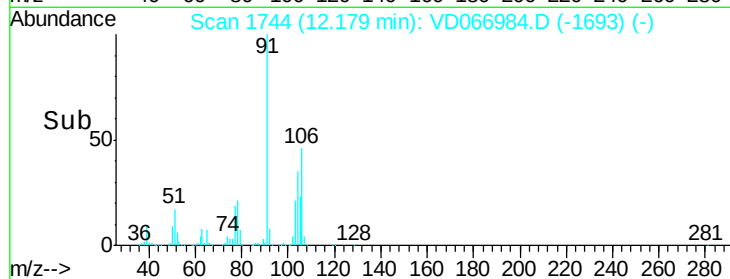
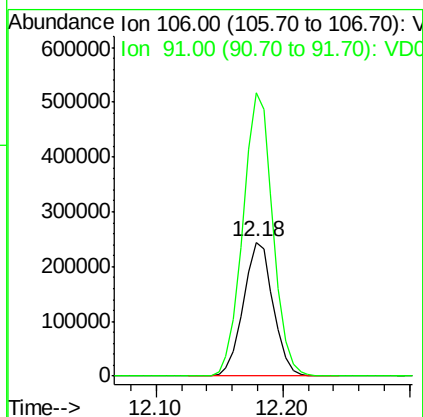
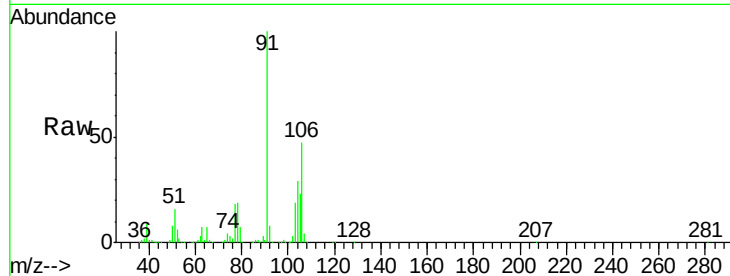




#69
o-Xylene
Concen: 63.199 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

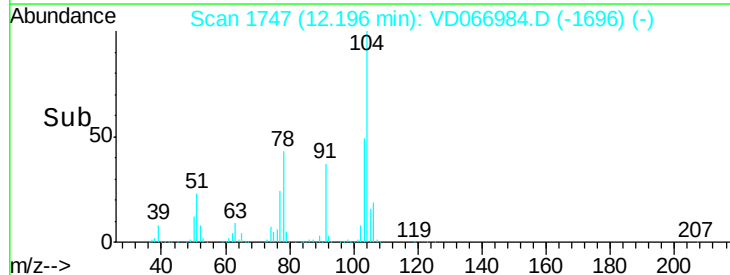
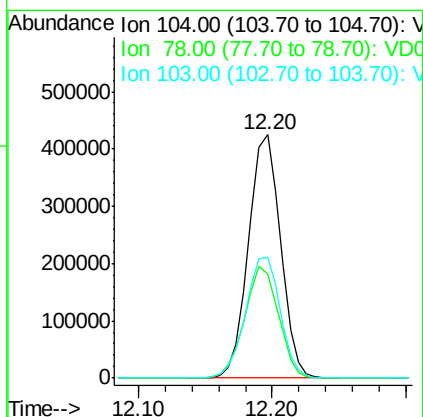
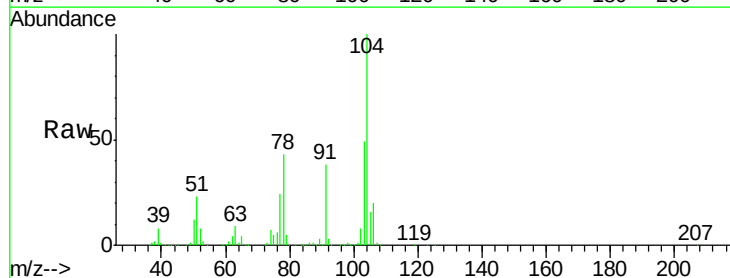
Instrument :
MSVOA_D
ClientSampled :
VSTD05006

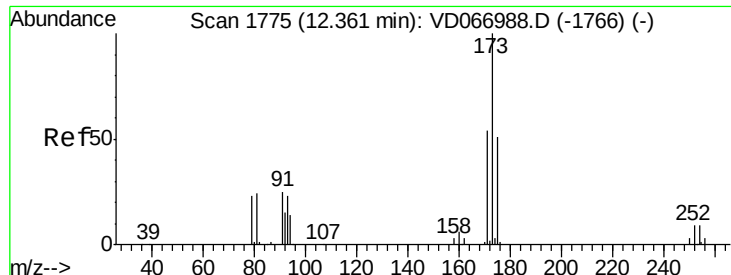
Tot Ion:106 Resp: 399278
Ion Ratio Lower Upper
106 100
91 211.9 106.3 318.8



#70
Styrene
Concen: 64.650 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion:104 Resp: 705997
Ion Ratio Lower Upper
104 100
78 48.7 38.9 58.3
103 53.9 43.2 64.8





#71

Bromoform

Concen: 57.596 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

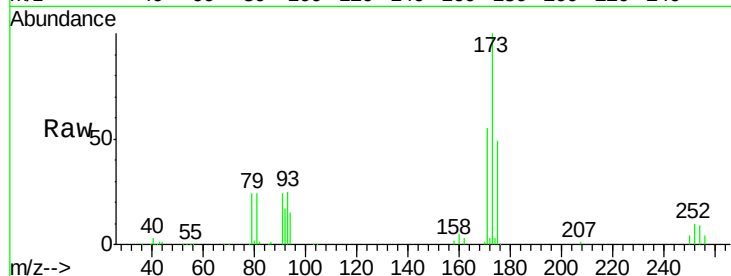
Tot Ion:173 Resp: 130759

Ion Ratio Lower Upper

173 100

175 47.4 24.9 74.6

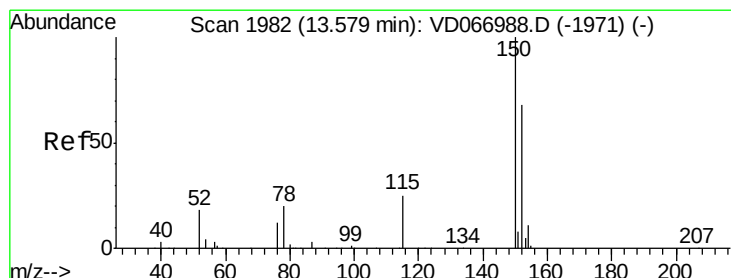
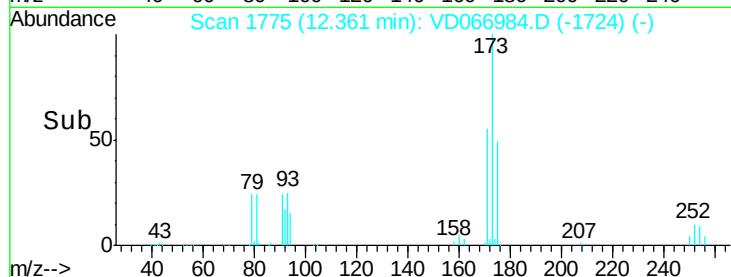
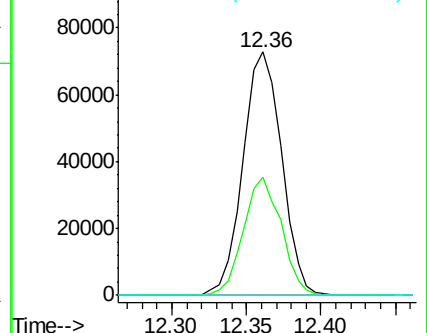
254 0.0 0.1 0.1#



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: VD066984.D

Acq: 01 Oct 2020 10:29

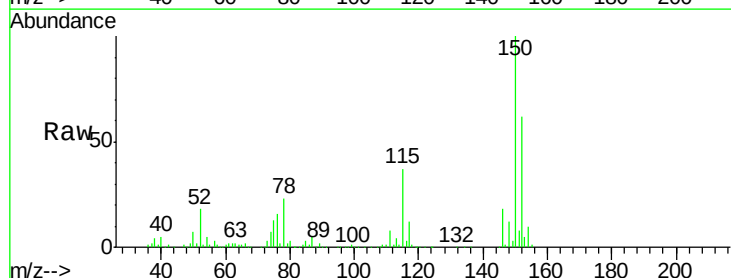
Tgt Ion:152 Resp: 264928

Ion Ratio Lower Upper

152 100

115 59.5 30.3 91.0

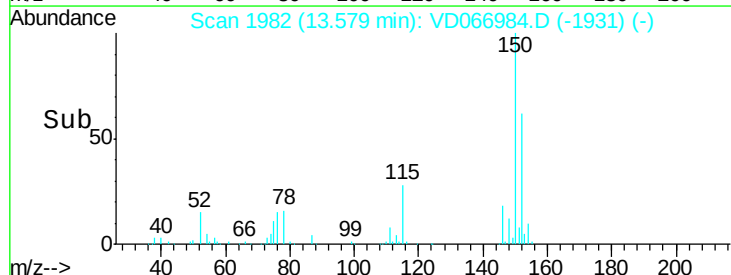
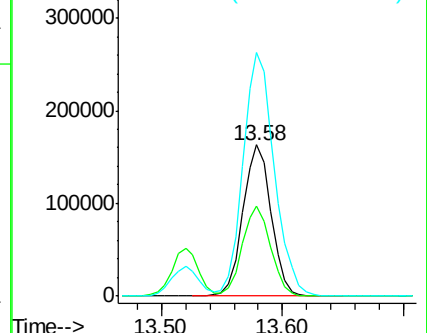
150 178.6 0.0 346.2

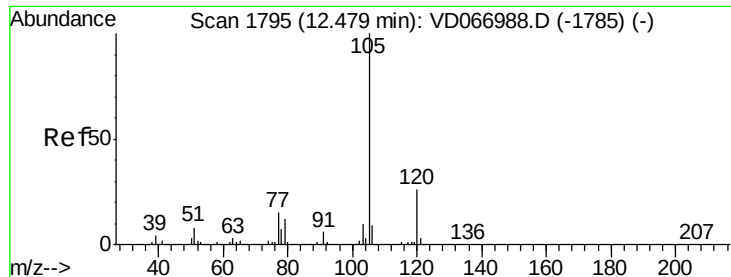


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 62.764 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

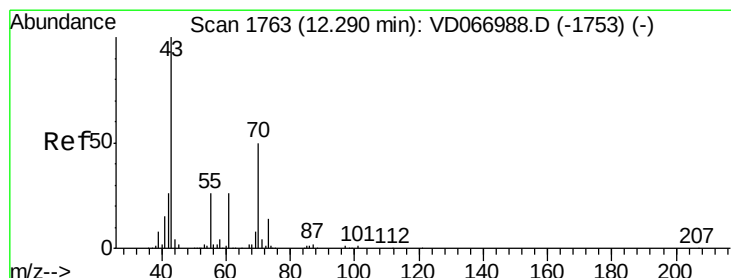
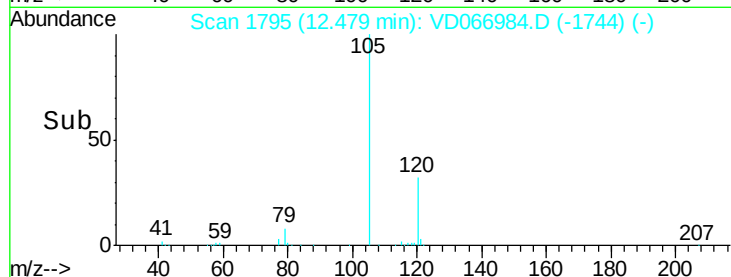
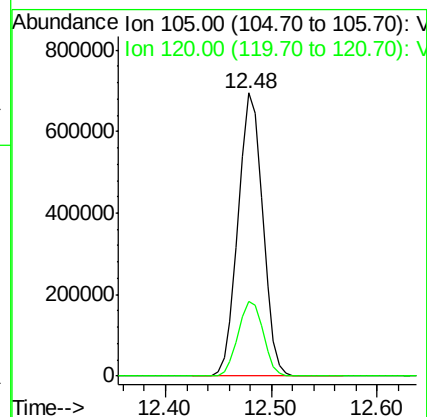
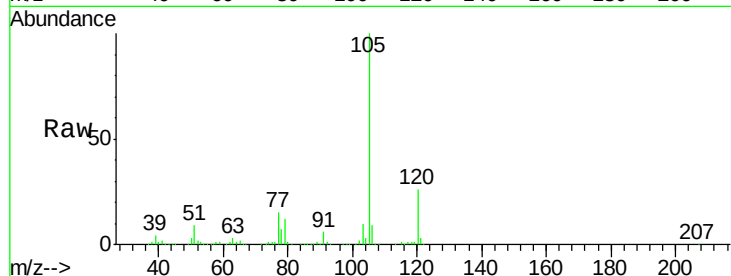
VSTD05006

Tot Ion:105 Resp: 1116798

Ion Ratio Lower Upper

105 100

120 27.0 12.9 38.6



#74

N-ethyl acetate

Concen: 63.419 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Tgt Ion: 43 Resp: 194415

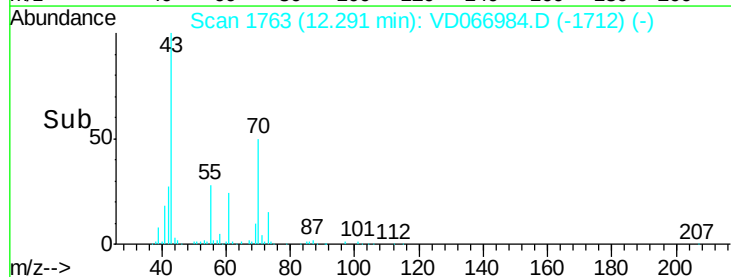
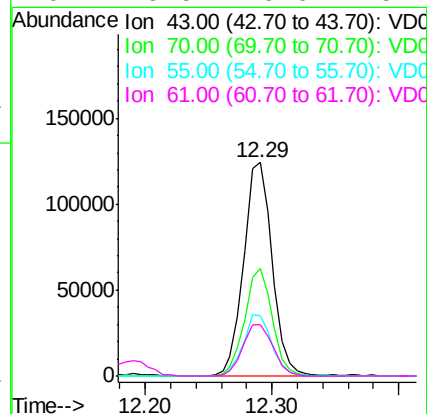
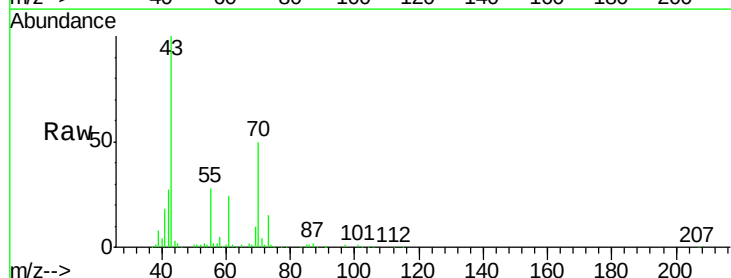
Ion Ratio Lower Upper

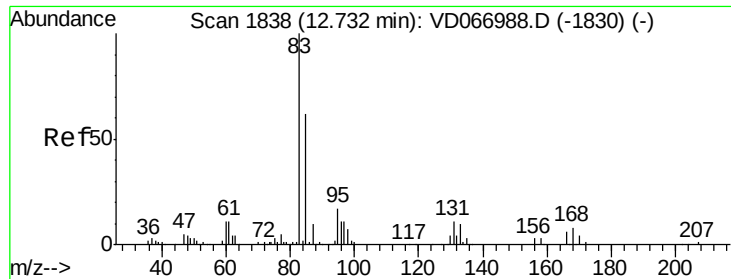
43 100

70 48.7 36.1 54.1

55 29.0 21.8 32.8

61 25.5 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.851 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

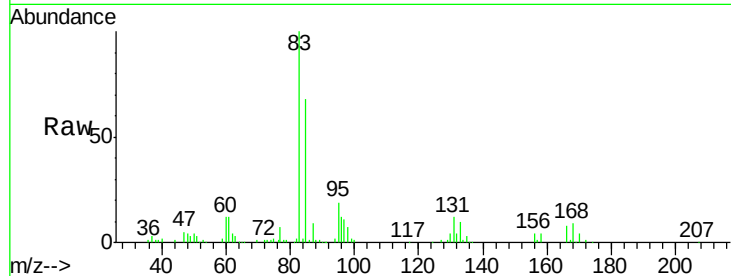
Tot Ion: 83 Resp: 181312

Ion Ratio Lower Upper

83 100

131 11.9 5.5 16.7

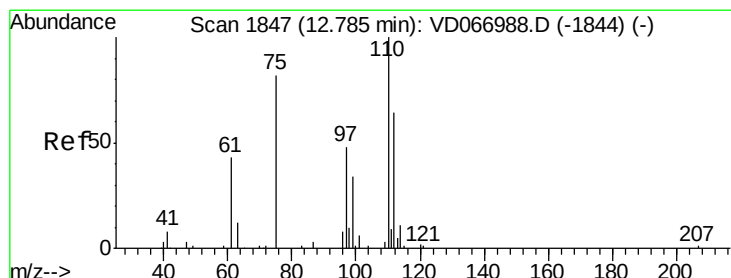
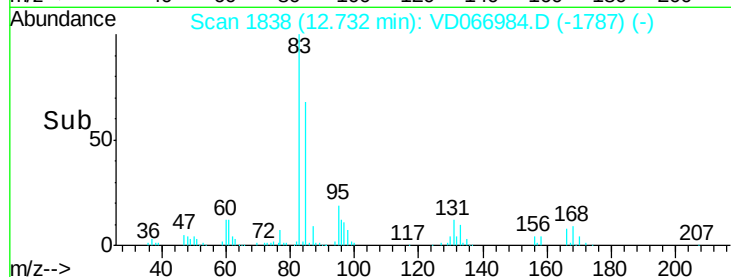
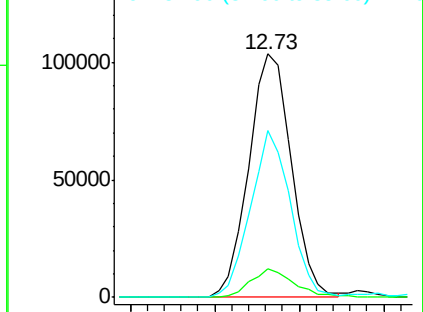
85 63.8 32.1 96.5



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: 92.561 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066984.D

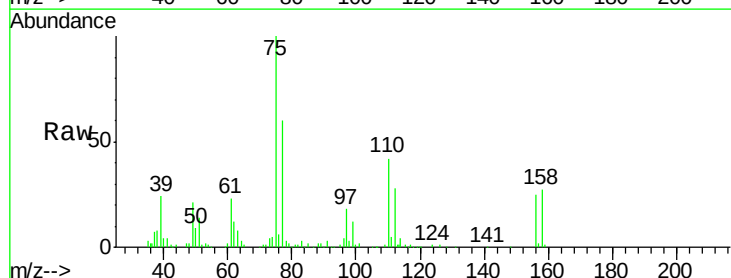
Acq: 01 Oct 2020 10:29

Tgt Ion: 75 Resp: 234257

Ion Ratio Lower Upper

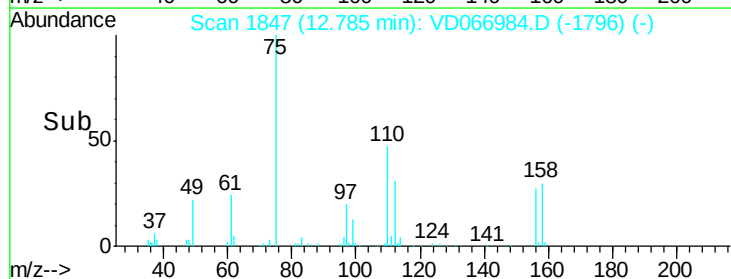
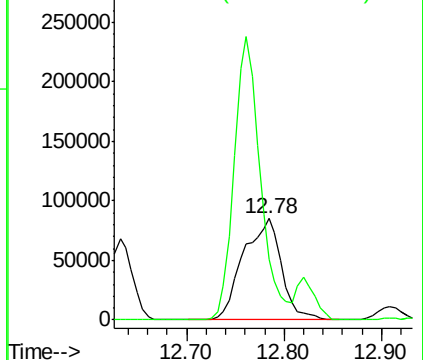
75 100

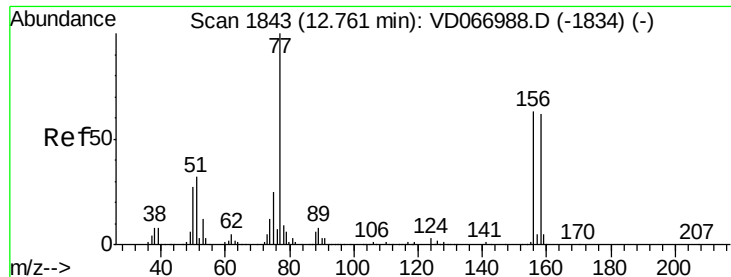
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 57.659 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

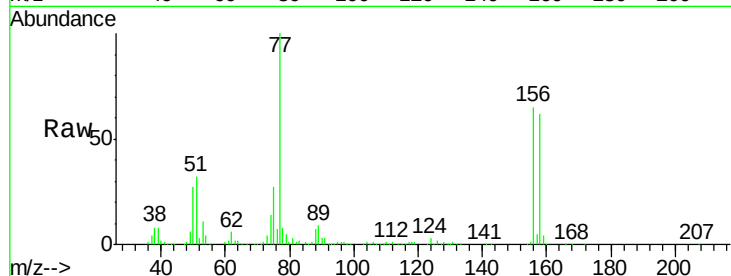
Tot Ion:156 Resp: 261392

Ion Ratio Lower Upper

156 100

77 171.7 92.3 276.9

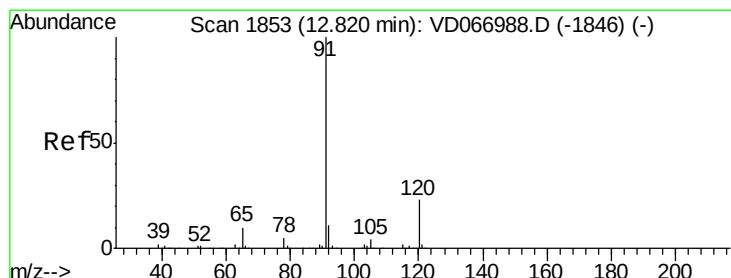
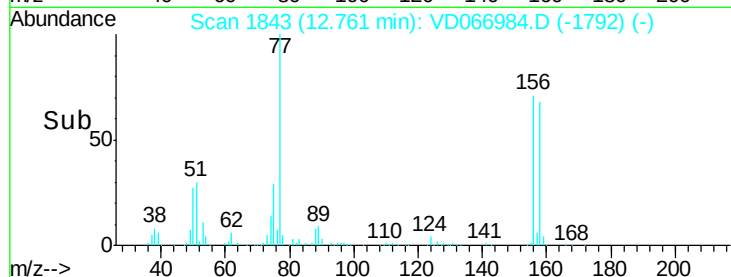
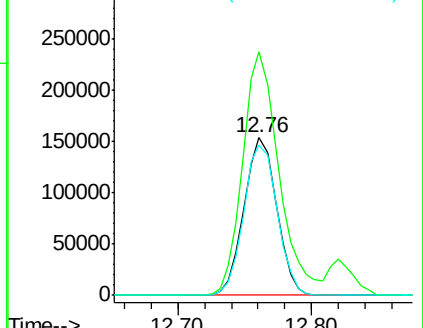
158 97.4 47.6 142.9



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: 61.641 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066984.D

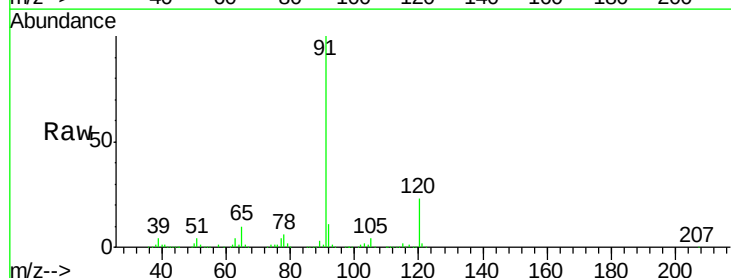
Acq: 01 Oct 2020 10:29

Tgt Ion: 91 Resp: 1325297

Ion Ratio Lower Upper

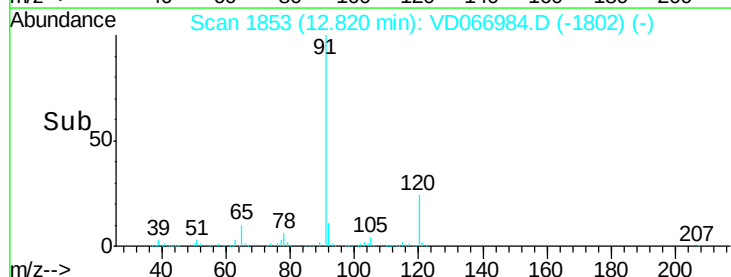
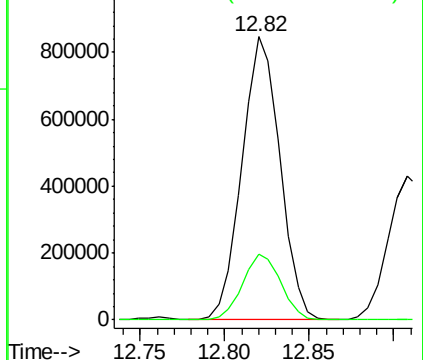
91 100

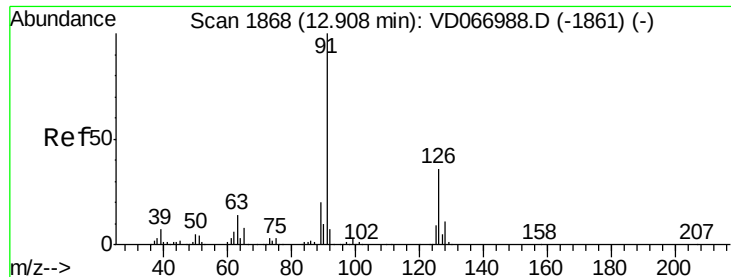
120 23.6 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 59.508 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

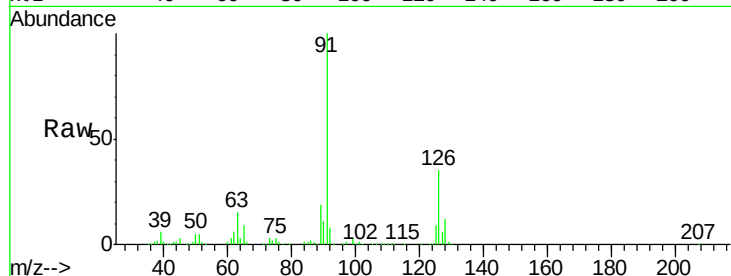
VSTD05006

Tot Ion: 91 Resp: 743162

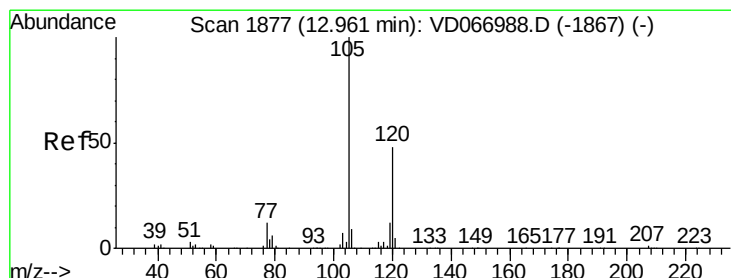
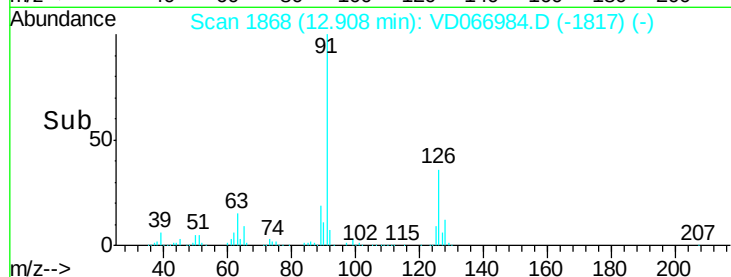
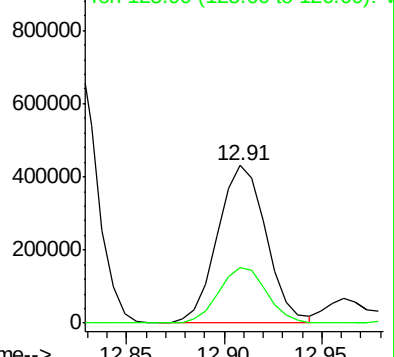
Ion Ratio Lower Upper

91 100

126 34.7 17.0 51.0



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



#80

1,3,5-Trimethylbenzene

Concen: 61.780 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066984.D

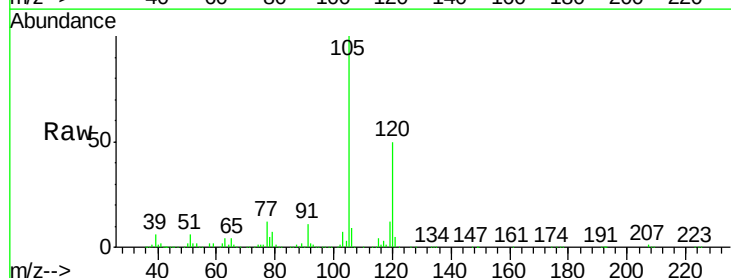
Acq: 01 Oct 2020 10:29

Tgt Ion:105 Resp: 950222

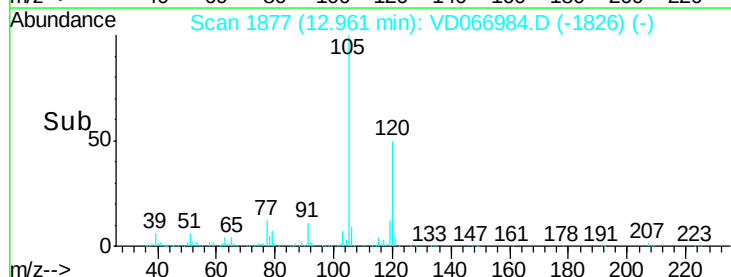
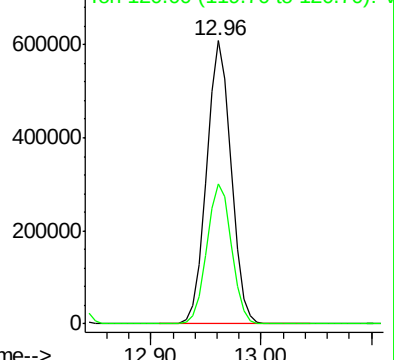
Ion Ratio Lower Upper

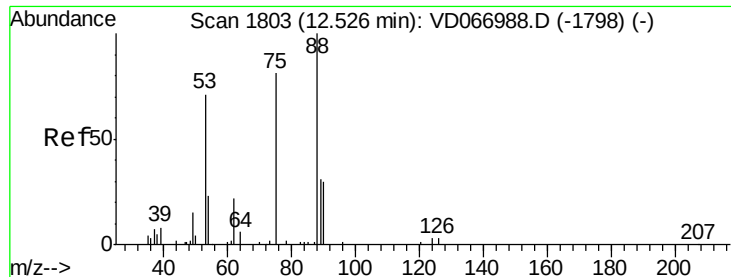
105 100

120 50.1 24.4 73.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 61.057 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

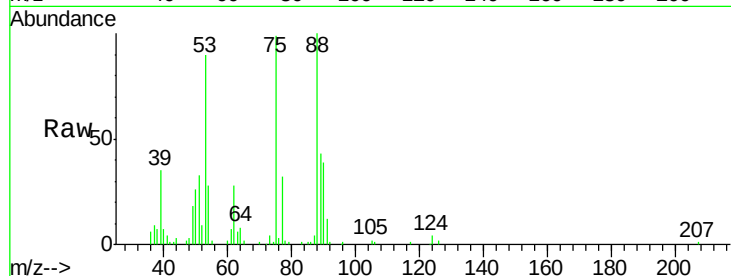
Tot Ion: 75 Resp: 58092

Ion Ratio Lower Upper

75 100

53 87.2 78.5 117.7

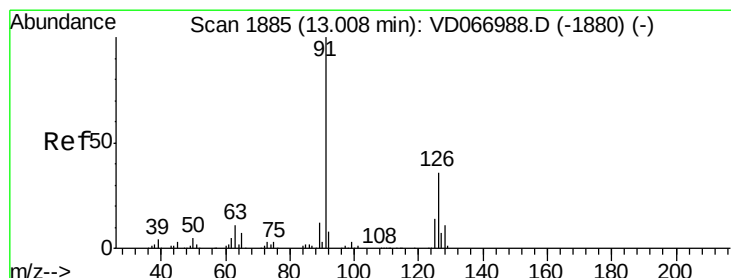
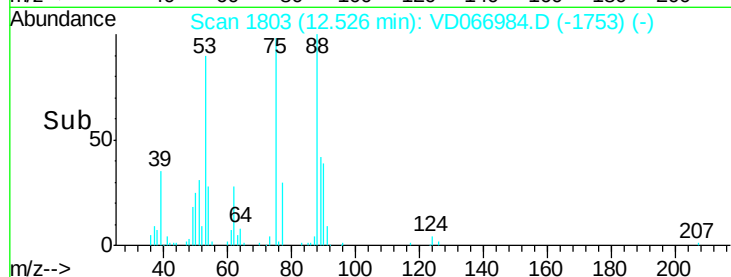
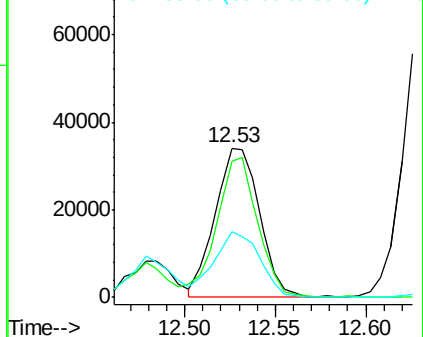
89 45.3 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 57.681 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066984.D

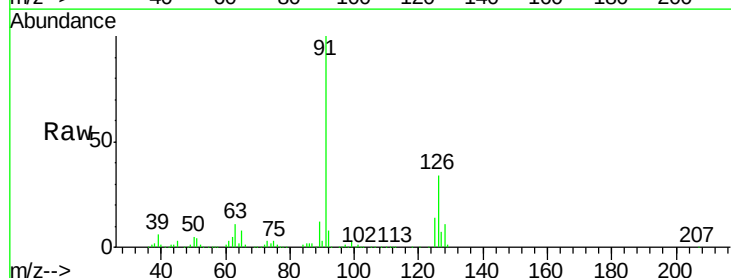
Acq: 01 Oct 2020 10:29

Tgt Ion: 91 Resp: 778941

Ion Ratio Lower Upper

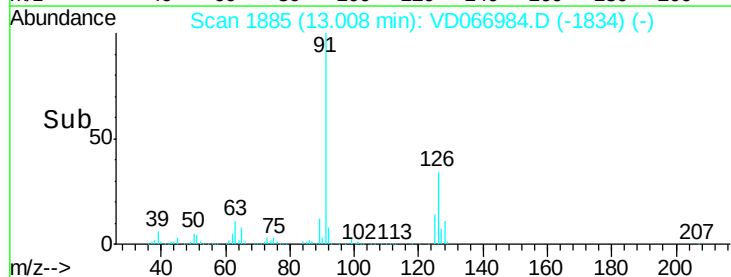
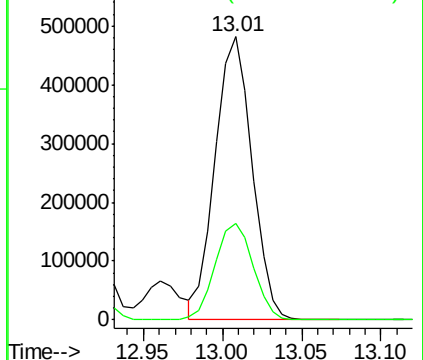
91 100

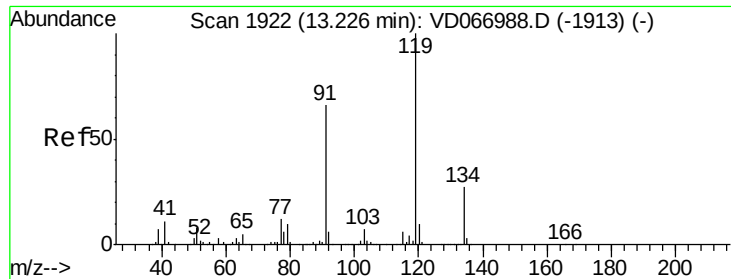
126 35.4 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

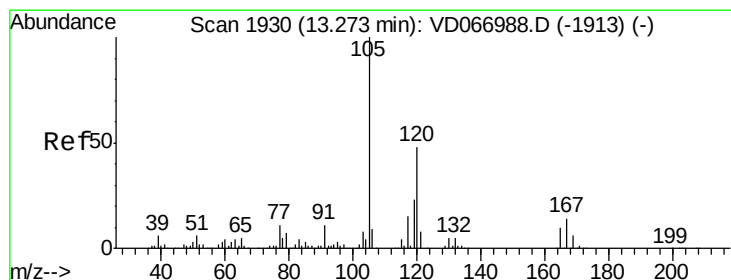
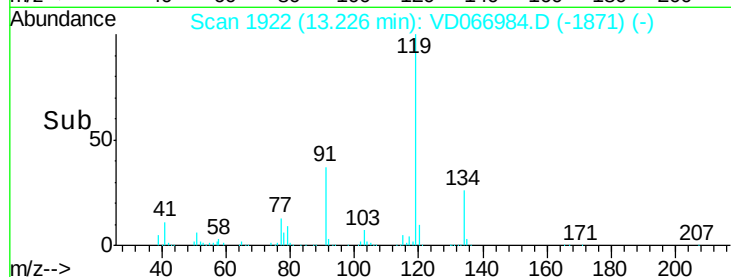
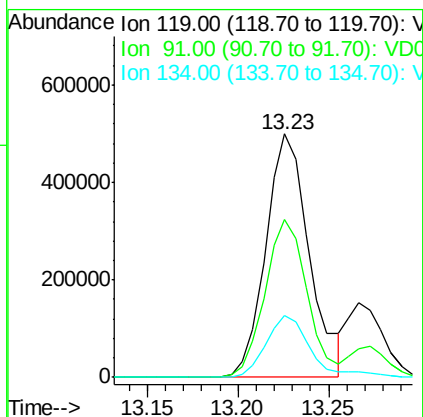
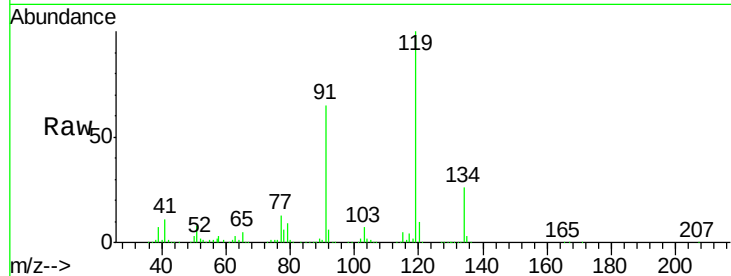




#83
 tert-Butylbenzene
 Concen: 66.151 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

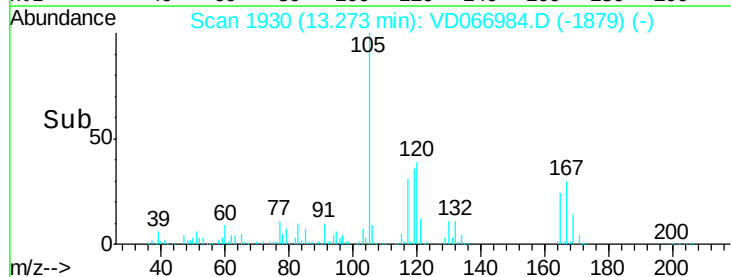
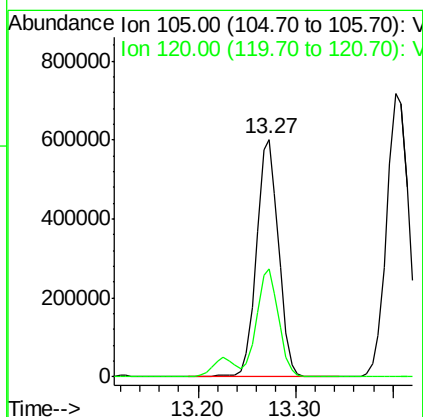
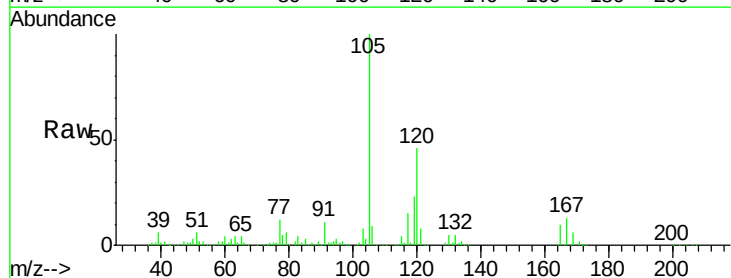
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

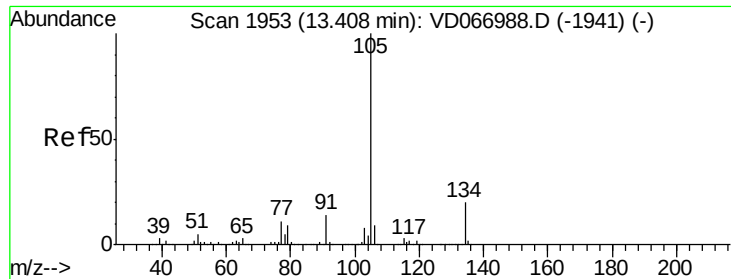
Tot Ion:119 Resp: 833134
 Ion Ratio Lower Upper
 119 100
 91 63.0 33.6 100.8
 134 26.3 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 63.427 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

Tgt Ion:105 Resp: 958046
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 62.996 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

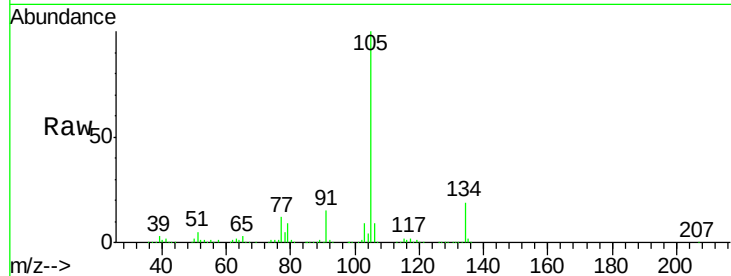
VSTD05006

Tot Ion:105 Resp: 1135332

Ion Ratio Lower Upper

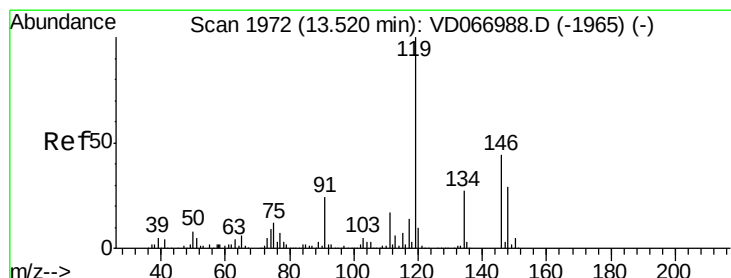
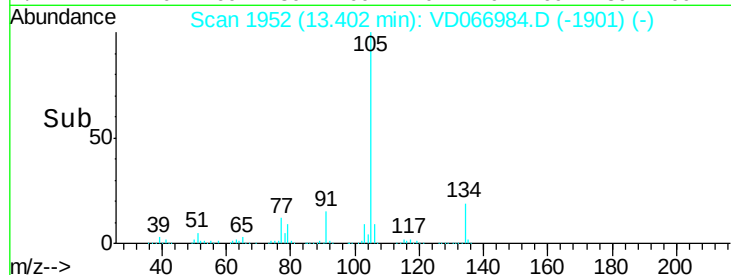
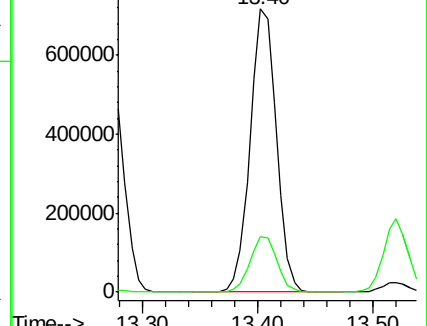
105 100

134 20.2 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 63.831 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

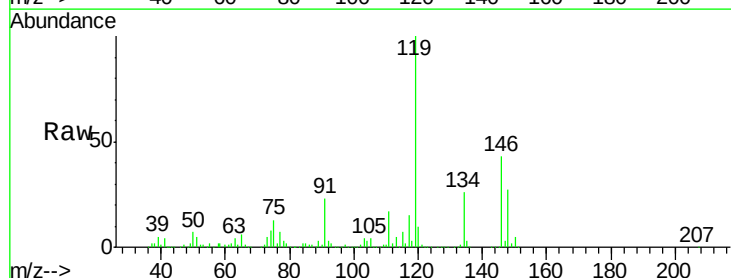
Tgt Ion:119 Resp: 1042091

Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

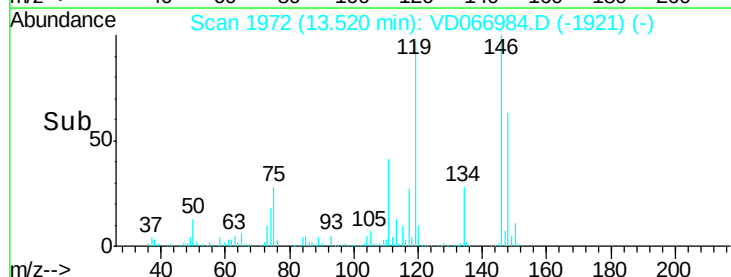
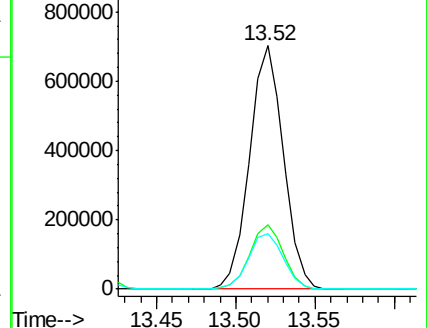
91 23.6 12.0 36.1

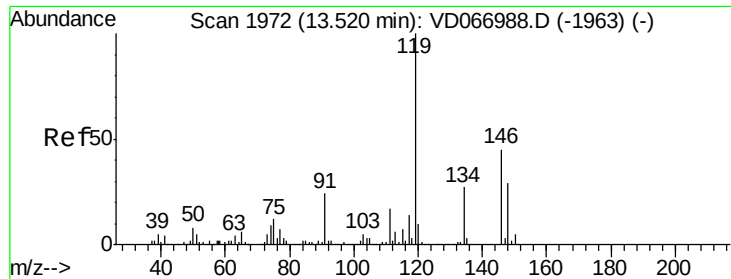


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

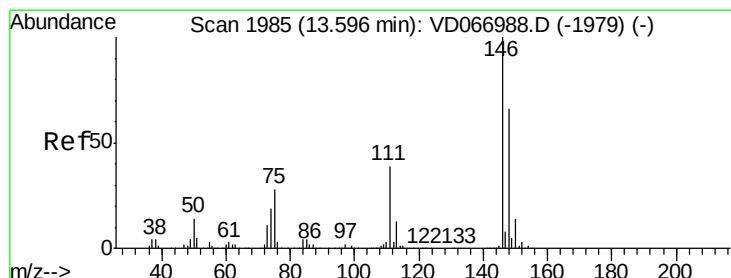
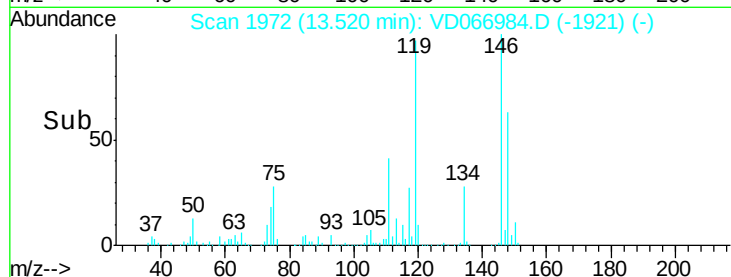
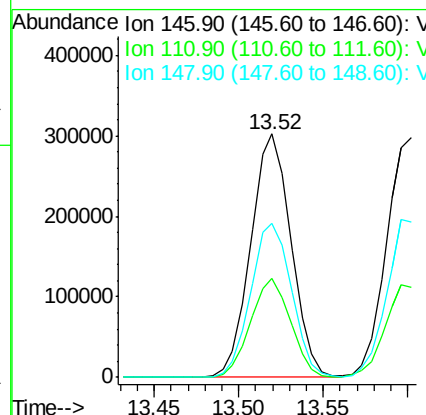
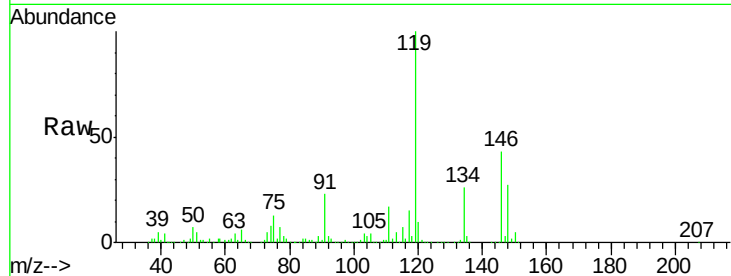




#87
 1,3-Dichlorobenzene
 Concen: 54.564 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

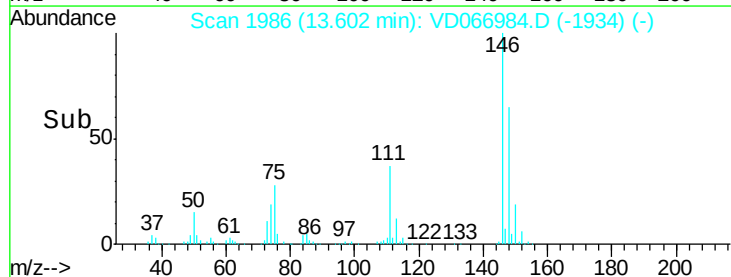
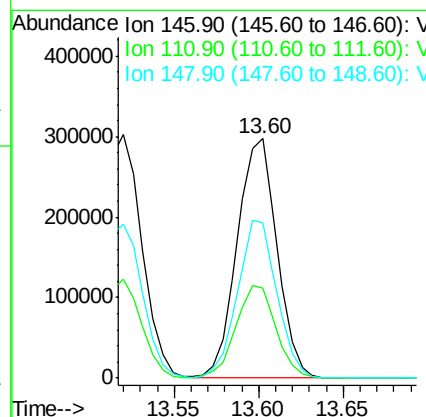
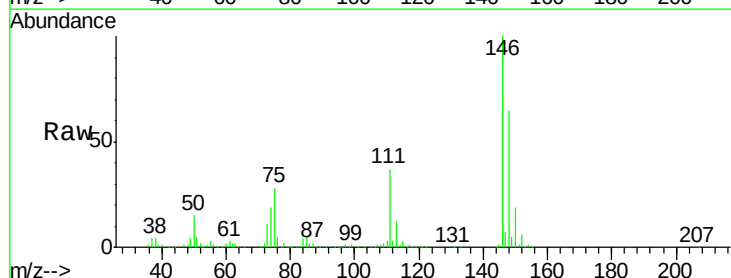
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

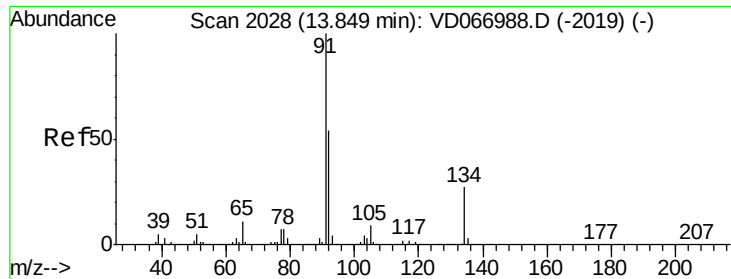
Tot Ion:146 Resp: 501729
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.9
 148 64.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 52.854 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

Tgt Ion:146 Resp: 488928
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.2 60.5
 148 64.9 31.6 94.7

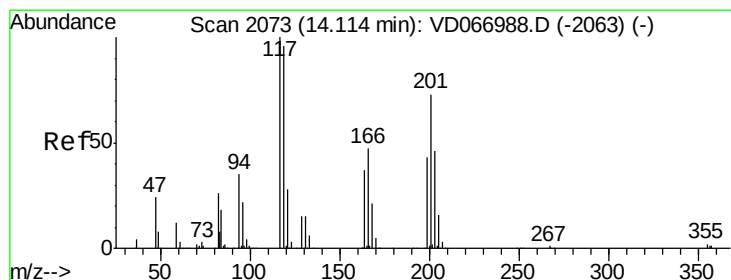
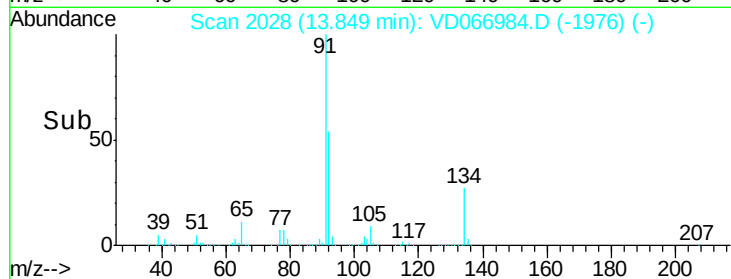
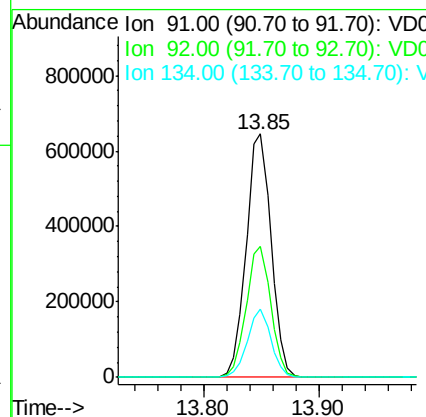
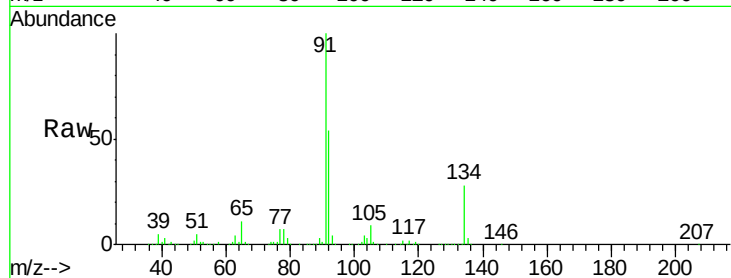




#89
n-Butylbenzene
Concen: 63.378 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

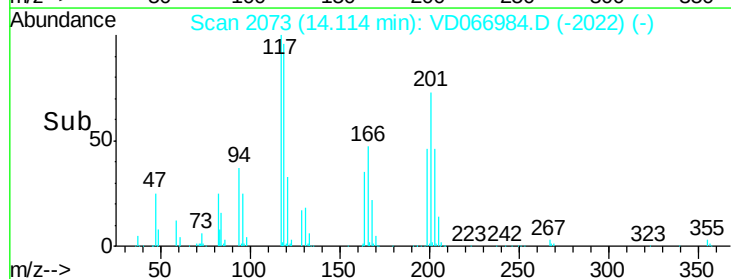
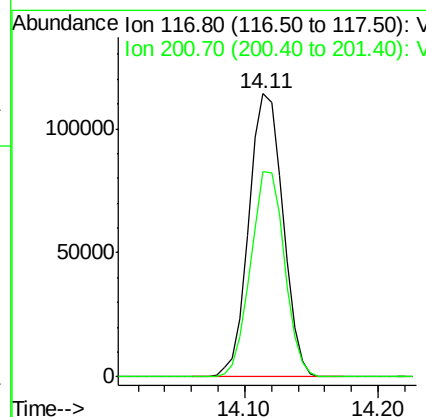
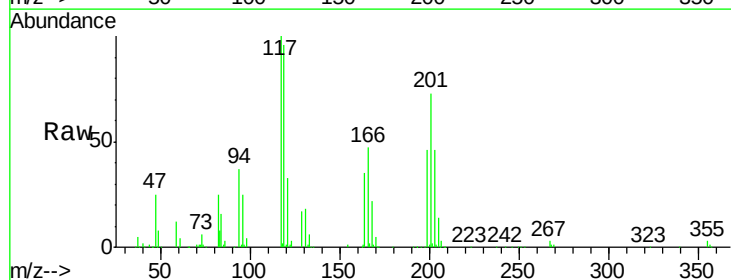
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

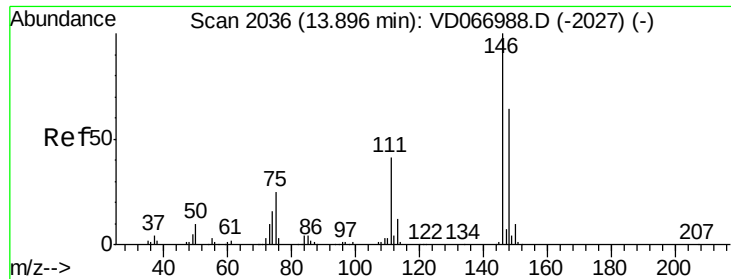
Tot Ion: 91 Resp: 969285
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 26.6 13.1 39.1



#90
Hexachloroethane
Concen: 67.754 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066984.D
Acq: 01 Oct 2020 10:29

Tgt Ion: 117 Resp: 201049
Ion Ratio Lower Upper
117 100
201 72.1 33.7 101.0

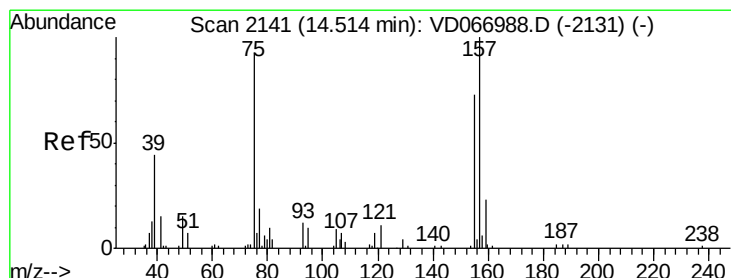
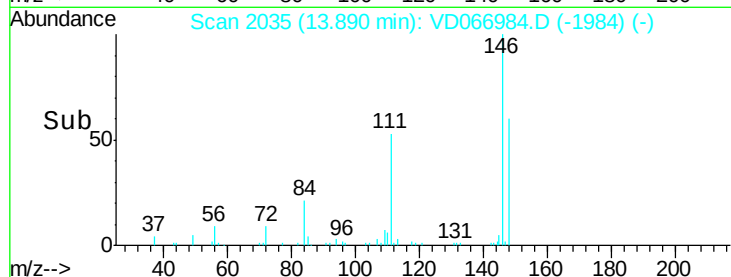
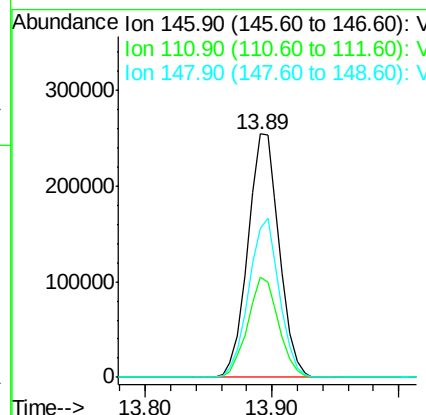
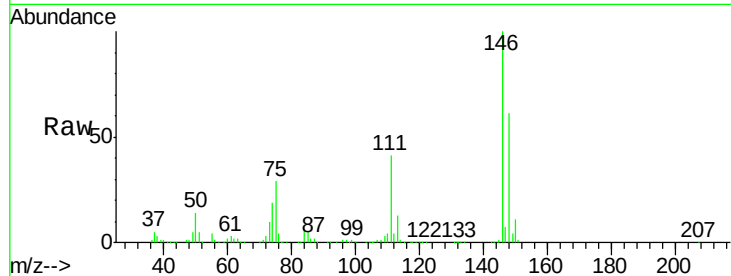




#91
 1,2-Dichlorobenzene
 Concen: 56.155 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

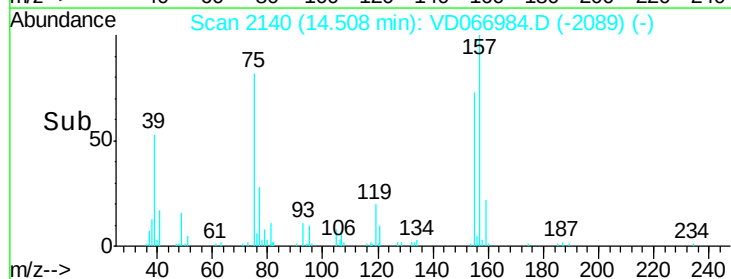
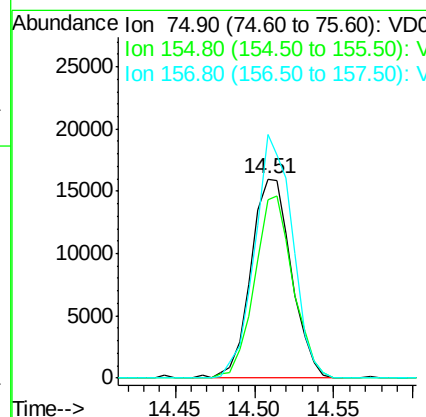
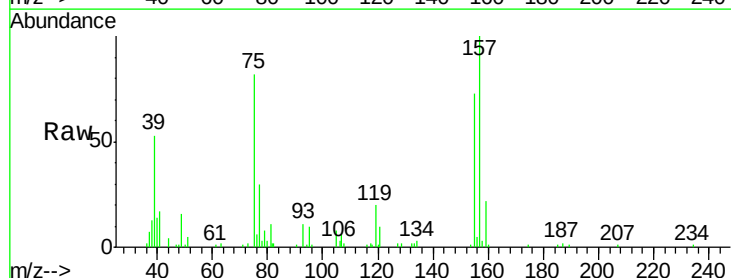
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

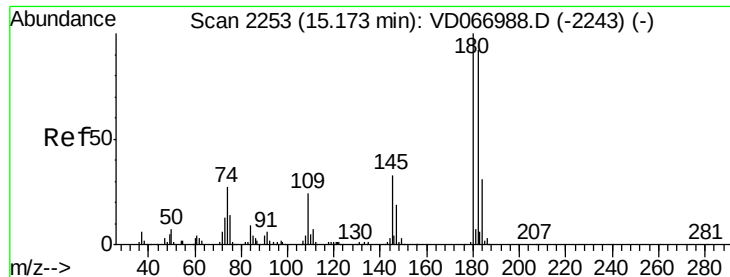
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.9	62.7
148	63.9	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.389 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.7	40.4	121.2
157	114.3	51.3	153.9

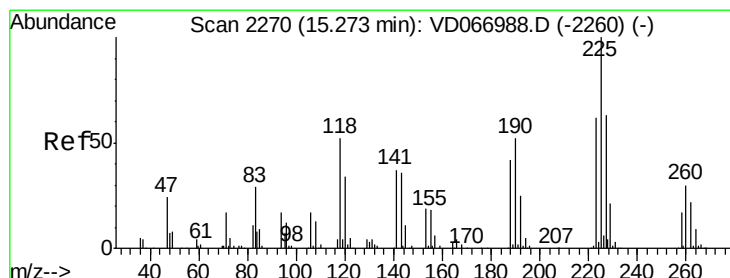
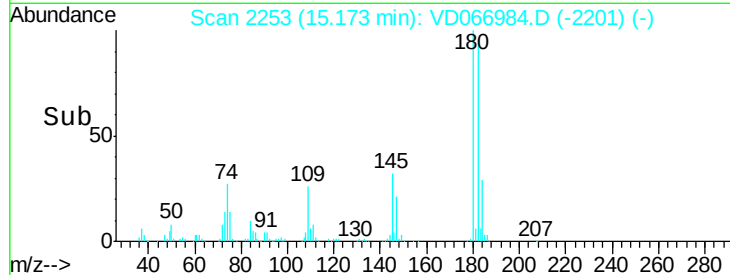
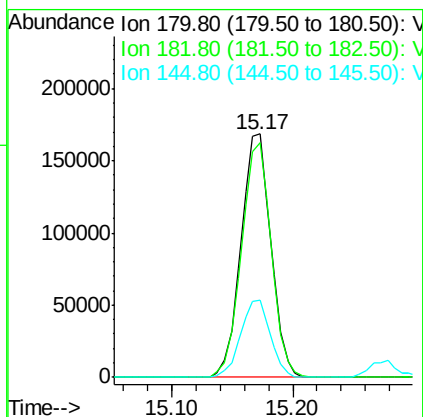
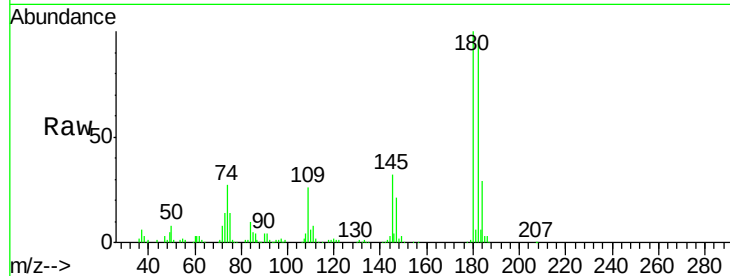




#93
 1,2,4-Trichlorobenzene
 Concen: 65.769 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

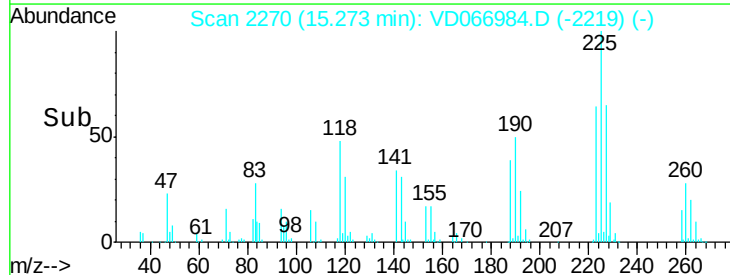
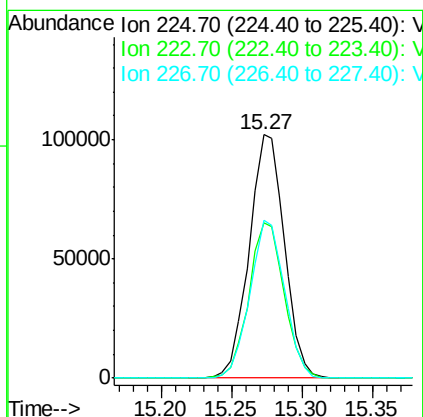
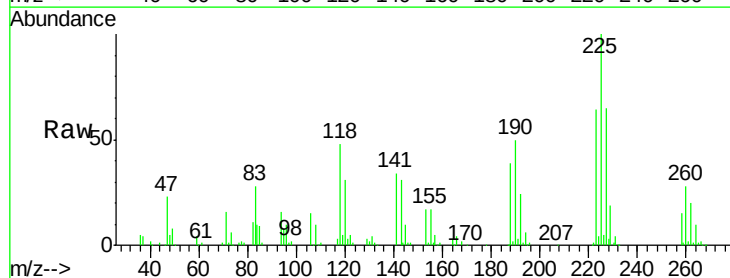
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

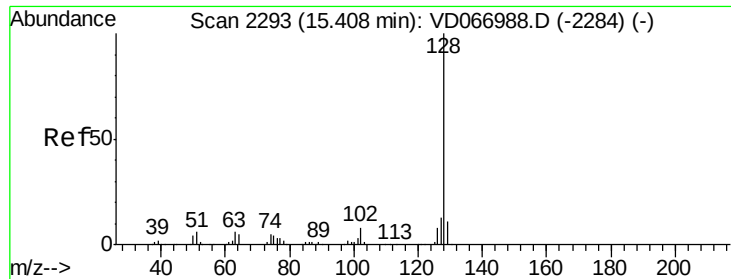
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.8	146.3
145	31.7	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 56.817 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066984.D
 Acq: 01 Oct 2020 10:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.1	93.3
227	63.8	31.7	95.1





#95

Naphthalene

Concen: 73.665 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

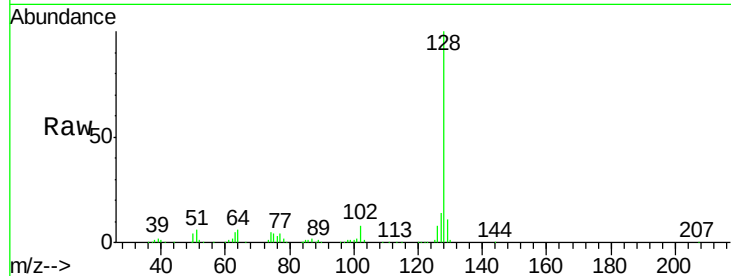
Tot Ion:128 Resp: 496410

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

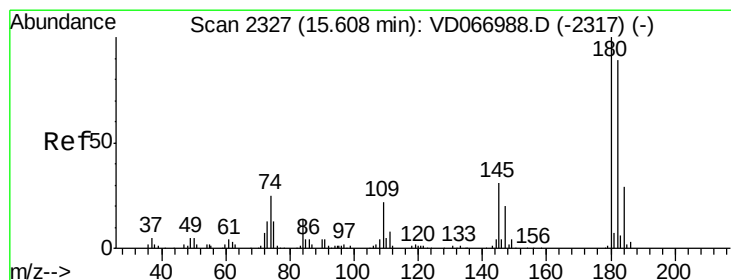
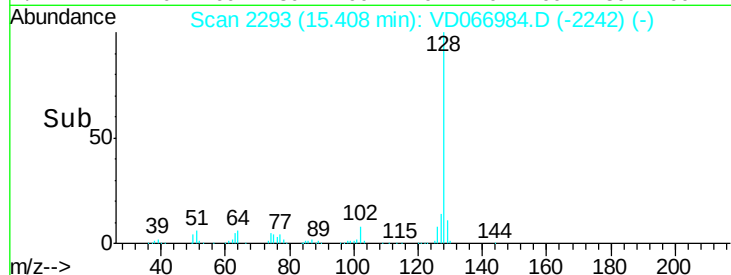
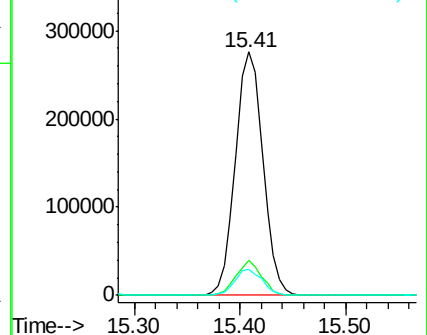
129 10.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 63.777 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066984.D

Acq: 01 Oct 2020 10:29

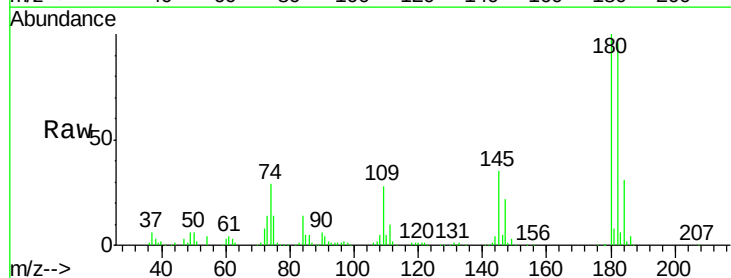
Tgt Ion:180 Resp: 253100

Ion Ratio Lower Upper

180 100

182 95.2 46.8 140.3

145 34.6 17.0 51.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

