

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066611.D
 Acq On : 10 Sep 2020 12:58
 Operator : VA/SY
 Sample : VD0910SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD01

Quant Time: Sep 11 02:07:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	353904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	577288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	535831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	232929	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
35) Dibromofluoromethane	7.91	113	209582	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
50) Toluene-d8	10.34	98	775547	55.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.44%	
62) 4-Bromofluorobenzene	12.63	95	260396	56.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	72430	22.626	ug/l	93
3) Chloromethane	2.21	50	90747	20.276	ug/l	100
4) Vinyl Chloride	2.35	62	100909	20.328	ug/l	92
5) Bromomethane	2.76	94	69831	19.474	ug/l	98
6) Chloroethane	2.92	64	59823	18.974	ug/l #	85
7) Trichlorofluoromethane	3.27	101	153576	20.943	ug/l	96
8) Diethyl Ether	3.71	74	36006	19.499	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	79892	20.130	ug/l	99
10) Methyl Iodide	4.30	142	64822	20.489	ug/l	100
11) Tert butyl alcohol	5.23	59	34201	100.548	ug/l #	87
12) 1,1-Dichloroethene	4.06	96	70623	19.807	ug/l	97
13) Acrolein	3.92	56	16094	91.924	ug/l	97
14) Allyl chloride	4.71	41	116076	19.864	ug/l	98
15) Acrylonitrile	5.42	53	83542	105.316	ug/l #	88
16) Acetone	4.16	43	81194	103.057	ug/l	95
17) Carbon Disulfide	4.41	76	236529	20.179	ug/l	98
18) Methyl Acetate	4.71	43	40846	21.749	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	173479	20.747	ug/l	99
20) Methylene Chloride	4.96	84	100381	19.318	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	84328	19.916	ug/l	98
22) Diisopropyl ether	6.36	45	253983	21.135	ug/l	99
23) Vinyl Acetate	6.30	43	713381	104.319	ug/l	98
24) 1,1-Dichloroethane	6.26	63	154076	20.389	ug/l	99
25) 2-Butanone	7.21	43	106293	100.503	ug/l	100
26) 2,2-Dichloropropane	7.20	77	140586	20.281	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	90706	19.921	ug/l	99
28) Bromochloromethane	7.55	49	53755	18.477	ug/l	98
29) Tetrahydrofuran	7.56	42	67987	103.218	ug/l	99
30) Chloroform	7.71	83	162441	20.319	ug/l	100
31) Cyclohexane	7.98	56	138007	19.756	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	150617	20.038	ug/l	100
36) 1,1-Dichloropropene	8.11	75	123018	20.476	ug/l	98
37) Ethyl Acetate	7.29	43	50775	21.224	ug/l	97
38) Carbon Tetrachloride	8.09	117	131378	20.689	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
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 Acq On : 10 Sep 2020 12:58
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 Sample : VD0910SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS01

Quant Time: Sep 11 02:07:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	134913	20.110	ug/l	96
40) Benzene	8.34	78	338604	20.579	ug/l	99
41) Methacrylonitrile	7.52	41	25694	22.188	ug/l #	65
42) 1,2-Dichloroethane	8.43	62	108546	20.361	ug/l	87
43) Isopropyl Acetate	8.45	43	98206	21.421	ug/l	97
44) Trichloroethene	9.11	130	88811	20.577	ug/l	94
45) 1,2-Dichloropropane	9.38	63	84056	20.314	ug/l	94
46) Dibromomethane	9.47	93	46288	20.276	ug/l	96
47) Bromodichloromethane	9.66	83	129355	20.943	ug/l	94
48) Methyl methacrylate	9.45	41	46031	19.856	ug/l	96
49) 1,4-Dioxane	9.46	88	9684	386.657	ug/l #	83
51) 4-Methyl-2-Pentanone	10.23	43	245457	106.161	ug/l	97
52) Toluene	10.40	92	214662	20.610	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	111908	20.524	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	132079	20.172	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	61637	20.999	ug/l	95
56) Ethyl methacrylate	10.66	69	68490	20.040	ug/l	97
57) 1,3-Dichloropropane	10.94	76	106676	20.749	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	192448	123.110	ug/l	98
59) 2-Hexanone	10.98	43	162537	104.535	ug/l	99
60) Dibromochloromethane	11.14	129	78723	20.282	ug/l	97
61) 1,2-Dibromoethane	11.24	107	60511	21.190	ug/l	97
64) Tetrachloroethene	10.87	164	71031	19.688	ug/l	93
65) Chlorobenzene	11.67	112	222474	20.117	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	83372	19.753	ug/l	99
67) Ethyl Benzene	11.74	91	399142	19.656	ug/l	99
68) m/p-Xylenes	11.86	106	307198	40.743	ug/l	99
69) o-Xylene	12.18	106	134520	19.907	ug/l	98
70) Styrene	12.20	104	236614	20.141	ug/l	99
71) Bromoform	12.36	173	44095	20.730	ug/l #	98
73) Isopropylbenzene	12.48	105	379784	20.582	ug/l	99
74) N-amyl acetate	12.28	43	82175	19.662	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	68220	20.927	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	89372	37.286	ug/l #	100
77) Bromobenzene	12.76	156	87534	21.278	ug/l	97
78) n-propylbenzene	12.82	91	463835	20.735	ug/l	100
79) 2-Chlorotoluene	12.91	91	261860	20.867	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	323756	20.846	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20810	20.269	ug/l	94
82) 4-Chlorotoluene	13.01	91	275948	20.563	ug/l	99
83) tert-Butylbenzene	13.23	119	262759	20.718	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	324385	20.978	ug/l	96
85) sec-Butylbenzene	13.40	105	368960	20.192	ug/l	99
86) p-Isopropyltoluene	13.52	119	341317	20.753	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	169509	20.755	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	168511	20.557	ug/l	98
89) n-Butylbenzene	13.84	91	322234	20.106	ug/l	98
90) Hexachloroethane	14.11	117	68233	19.255	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	141645	19.842	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10696	19.315	ug/l	99

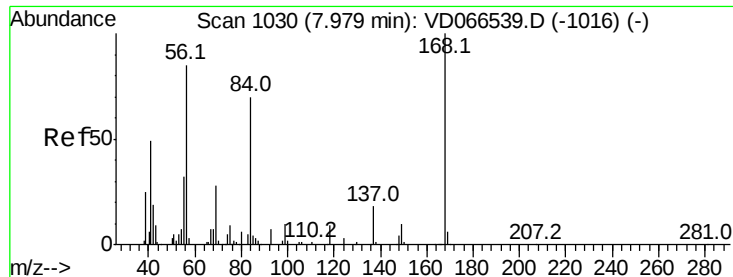
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091020\
Data File : VD066611.D
Acq On : 10 Sep 2020 12:58
Operator : VA/SY
Sample : VD0910SBSD01
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MSVOA_D
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Quant Time: Sep 11 02:07:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	89866	20.976	ug/l	96
94) Hexachlorobutadiene	15.27	225	51680	20.079	ug/l	100
95) Naphthalene	15.40	128	155626	20.788	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	77981	21.350	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

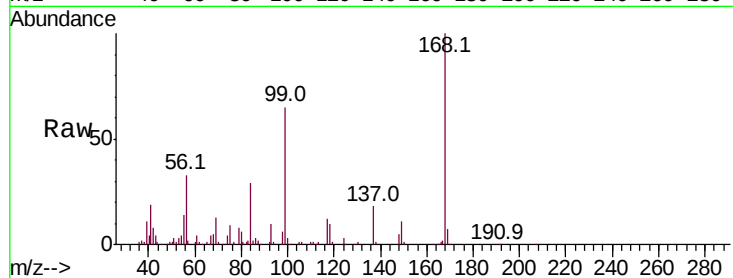
VD0910SBSD01

Tot Ion:168 Resp: 353904

Ion Ratio Lower Upper

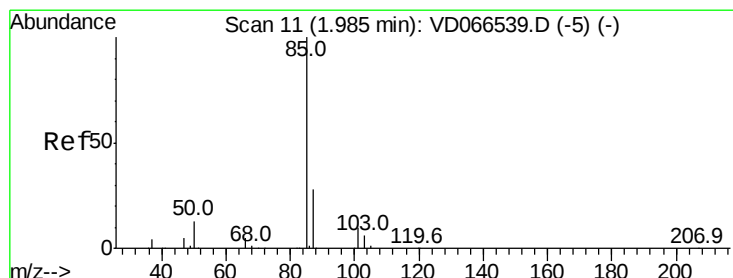
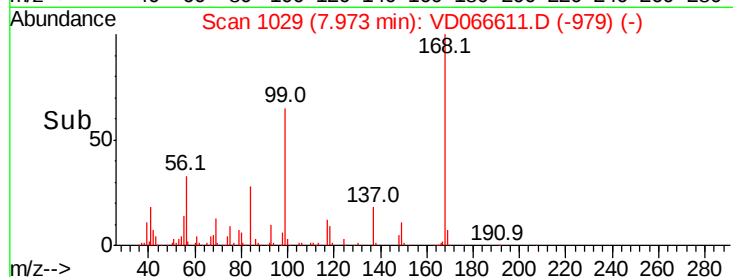
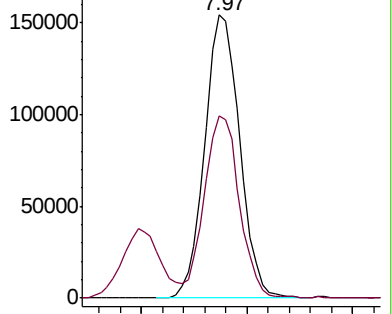
168 100

99 64.3 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.626 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066611.D

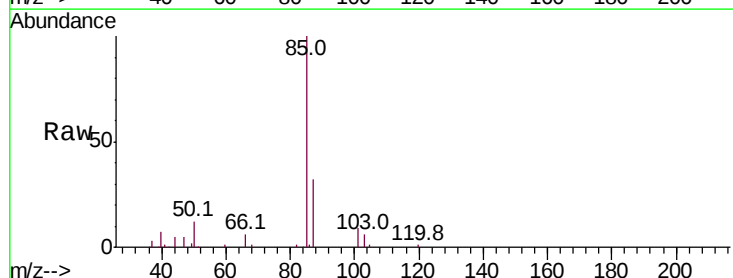
Acq: 10 Sep 2020 12:58

Tgt Ion: 85 Resp: 72430

Ion Ratio Lower Upper

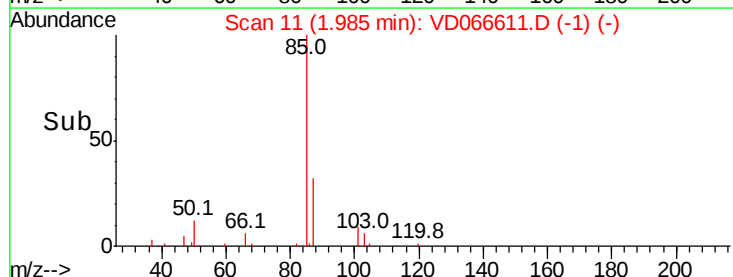
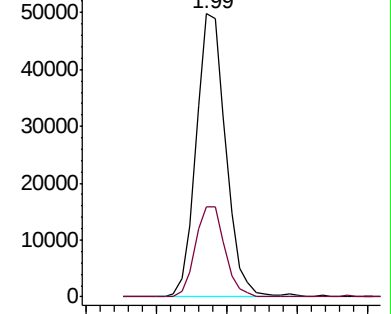
85 100

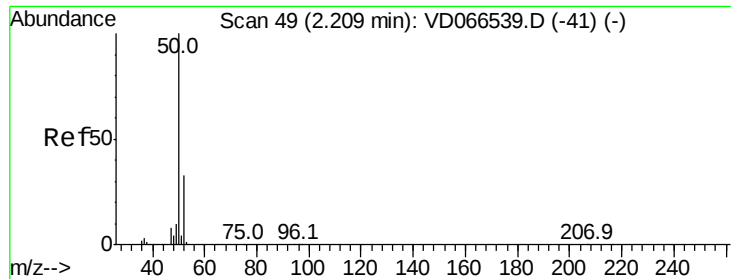
87 32.0 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.276 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

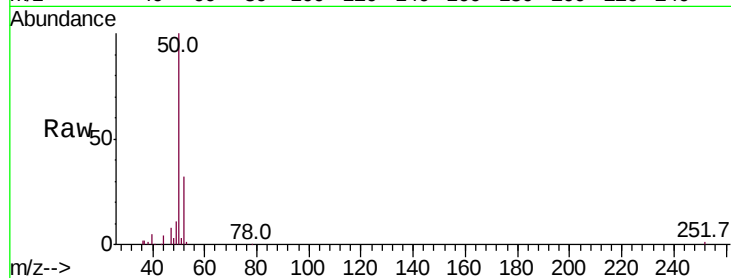
VD0910SBS01

Tot Ion: 50 Resp: 90747

Ion Ratio Lower Upper

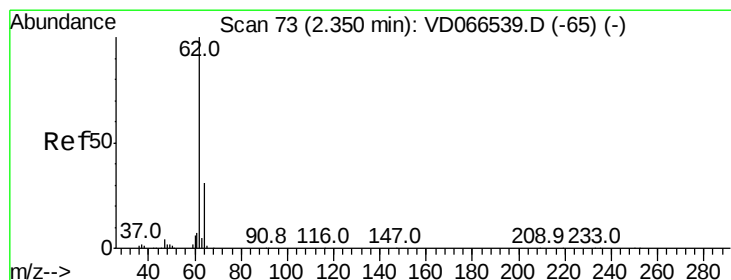
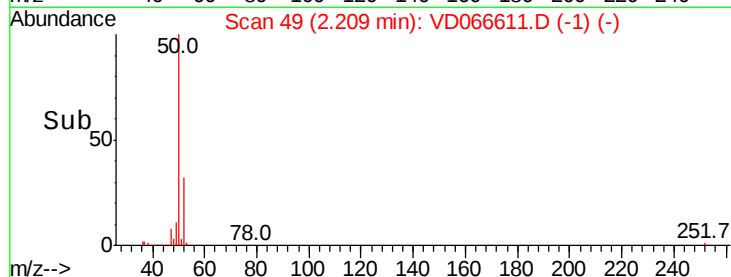
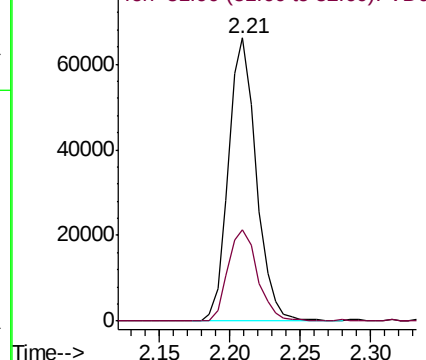
50 100

52 32.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.328 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066611.D

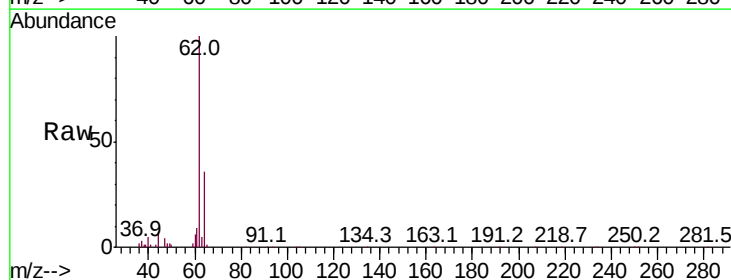
Acq: 10 Sep 2020 12:58

Tgt Ion: 62 Resp: 100909

Ion Ratio Lower Upper

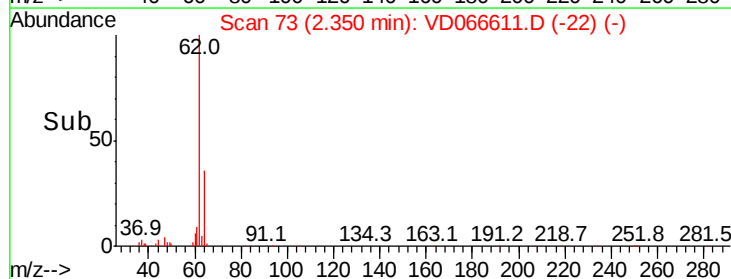
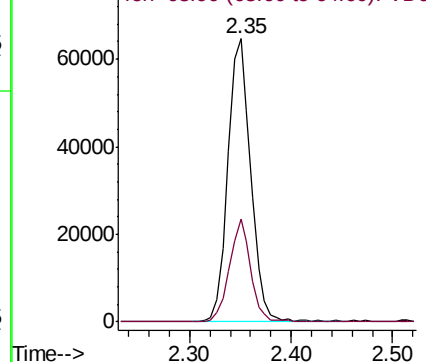
62 100

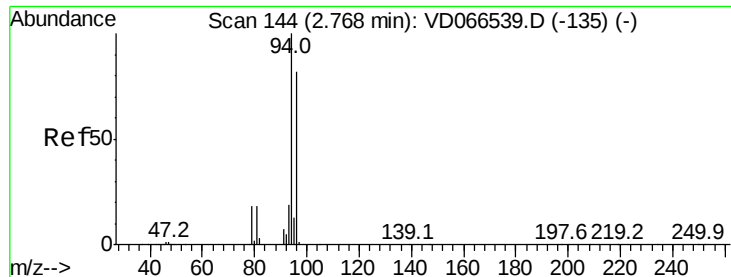
64 36.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.474 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

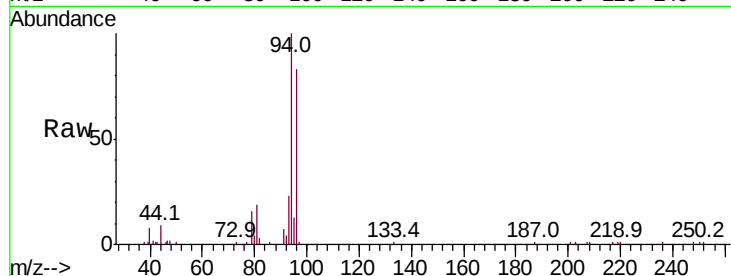
VD0910SBS01

Tot Ion: 94 Resp: 69831

Ion Ratio Lower Upper

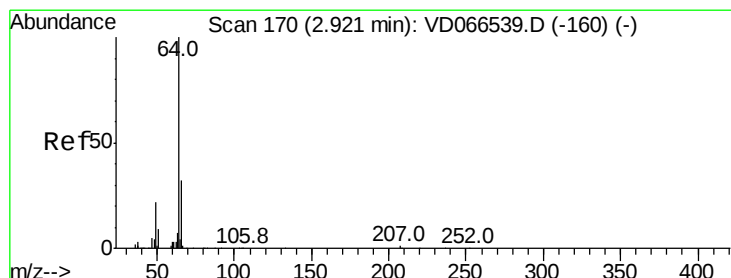
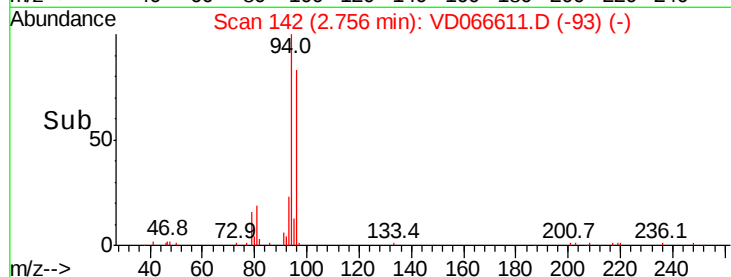
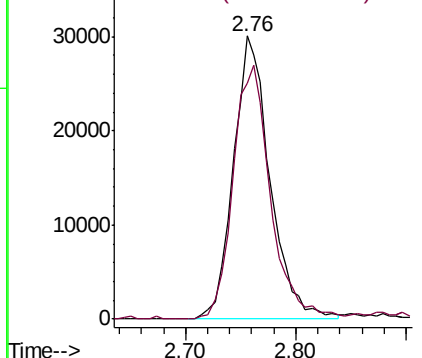
94 100

96 83.4 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 18.974 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066611.D

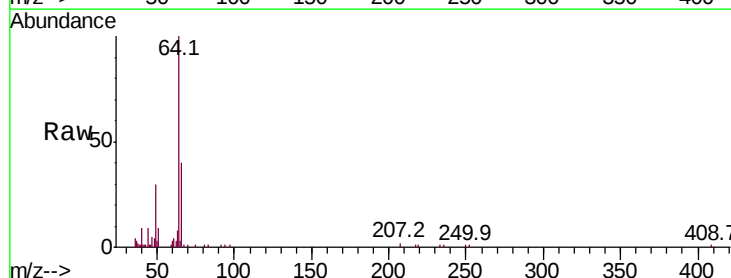
Acq: 10 Sep 2020 12:58

Tgt Ion: 64 Resp: 59823

Ion Ratio Lower Upper

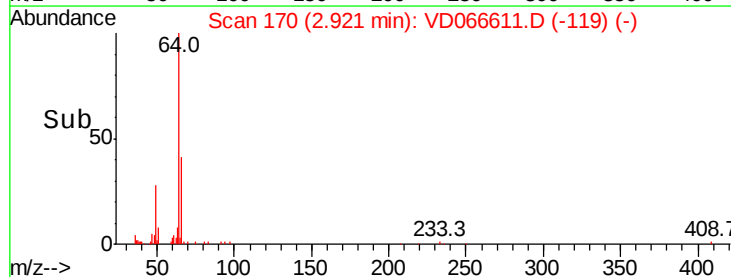
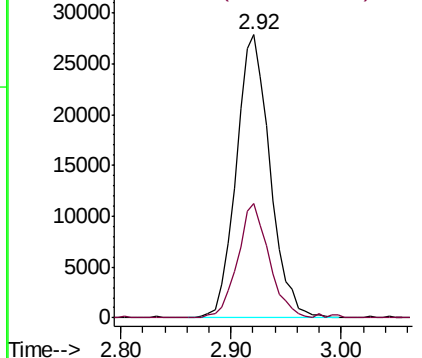
64 100

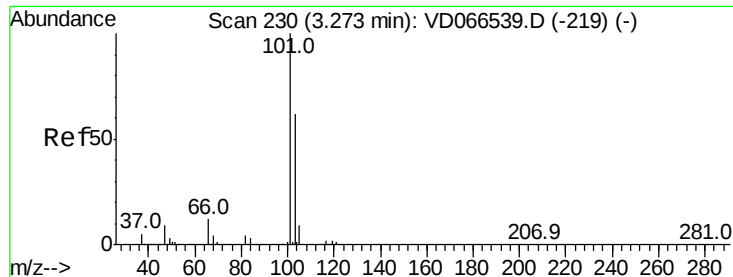
66 40.3 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



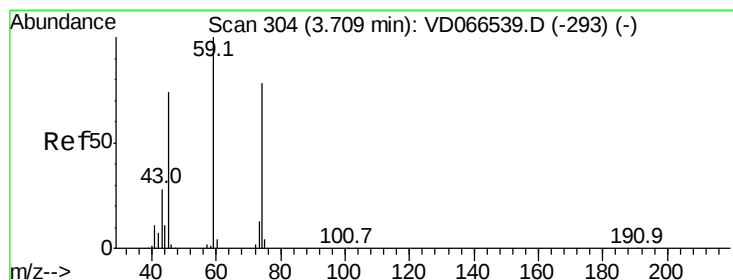
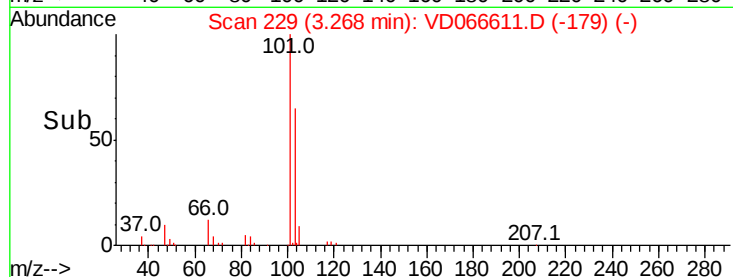
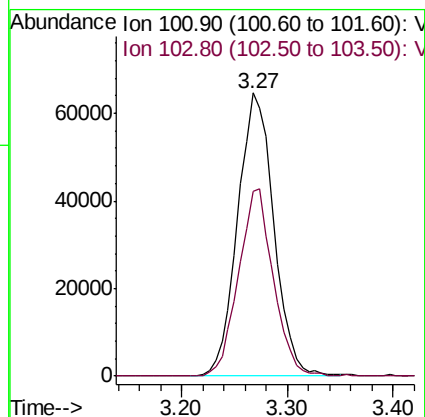
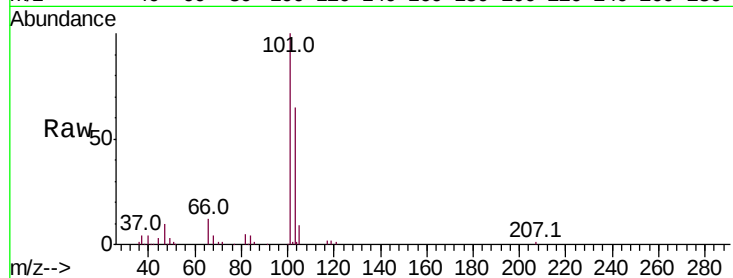


#7

Trichlorofluoromethane
Concen: 20.943 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

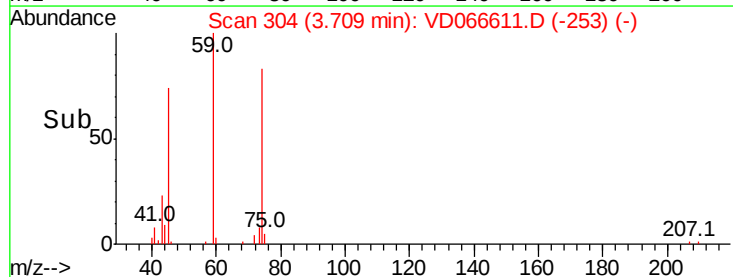
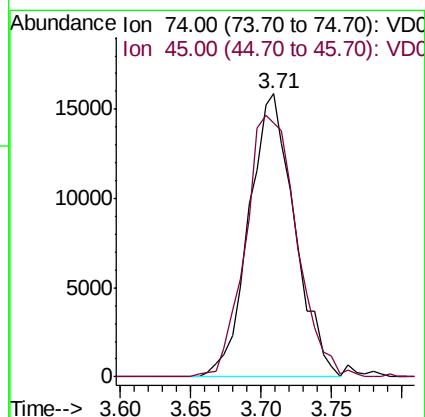
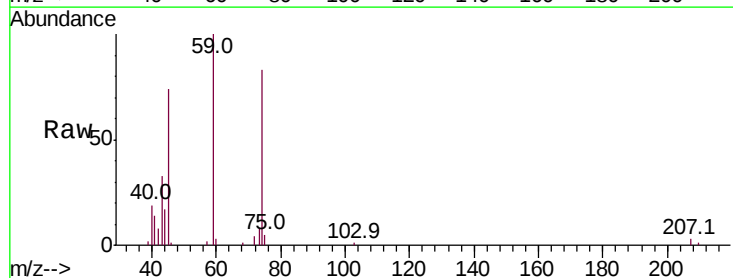
Tot Ion:101 Resp: 153576
Ion Ratio Lower Upper
101 100
103 65.1 49.7 74.5

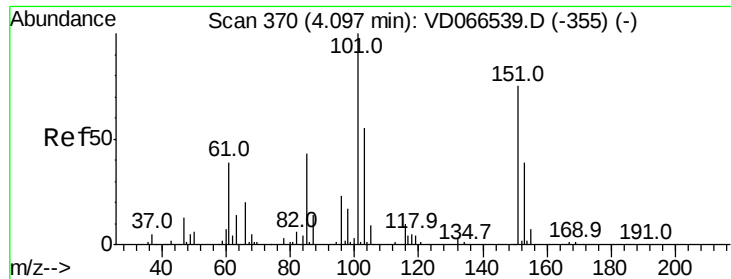


#8

Diethyl Ether
Concen: 19.499 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion: 74 Resp: 36006
Ion Ratio Lower Upper
74 100
45 103.5 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.130 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD01

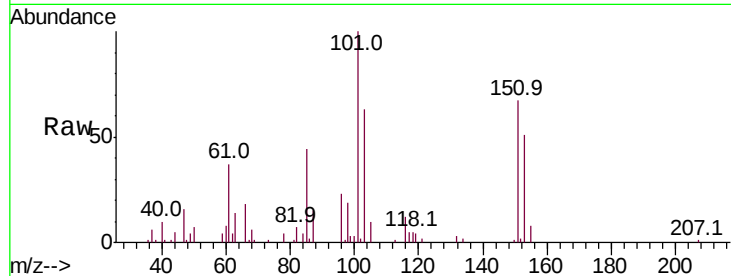
Tot Ion:101 Resp: 79892

Ion Ratio Lower Upper

101 100

85 48.2 37.0 55.6

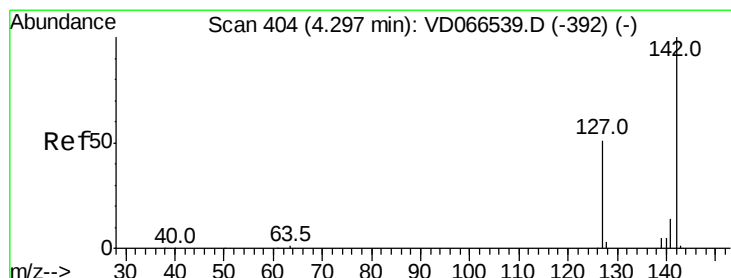
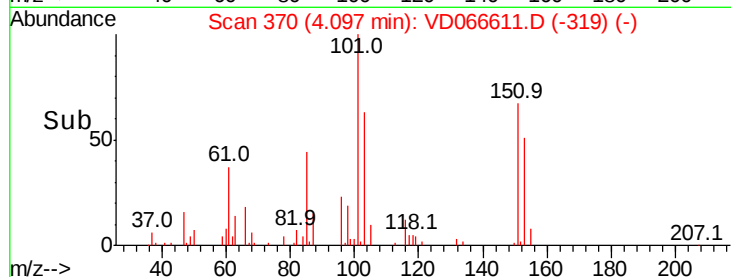
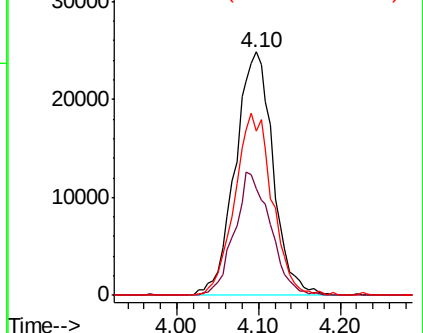
151 74.5 59.4 89.2



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: 20.489 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

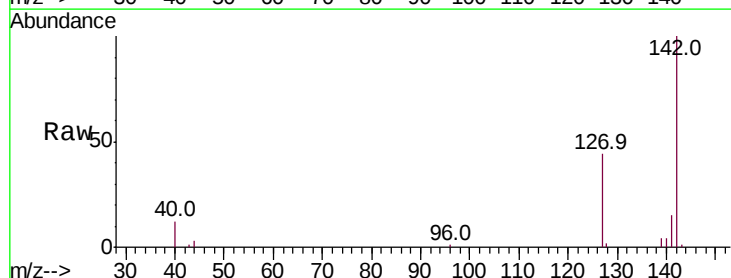
Tgt Ion:142 Resp: 64822

Ion Ratio Lower Upper

142 100

127 50.7 40.6 61.0

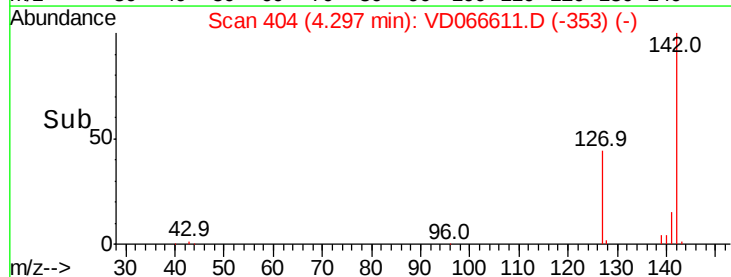
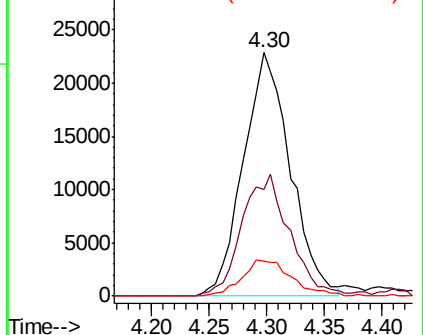
141 15.8 12.2 18.4

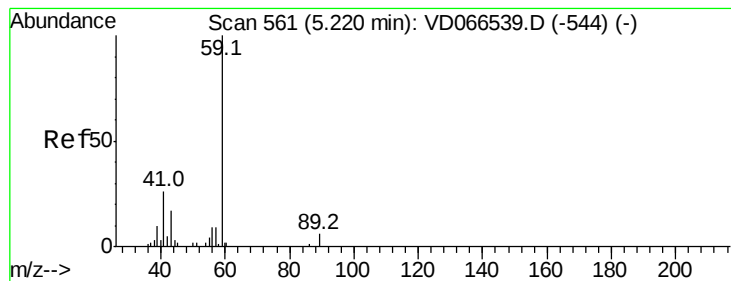


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 100.548 ug/l

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

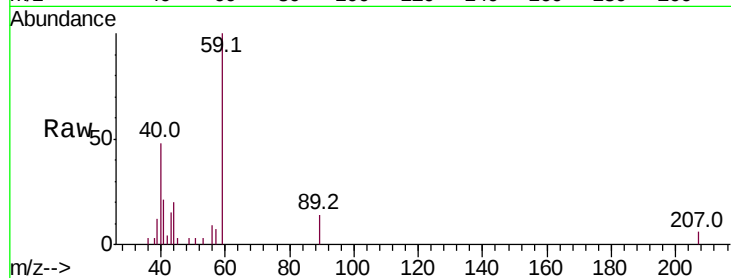
VD0910SBSD01

Tot Ion: 59 Resp: 34201

Ion Ratio Lower Upper

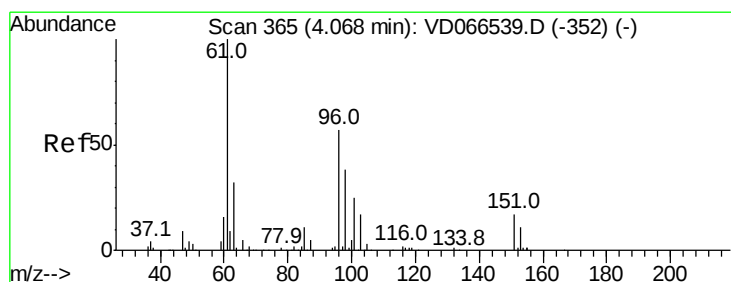
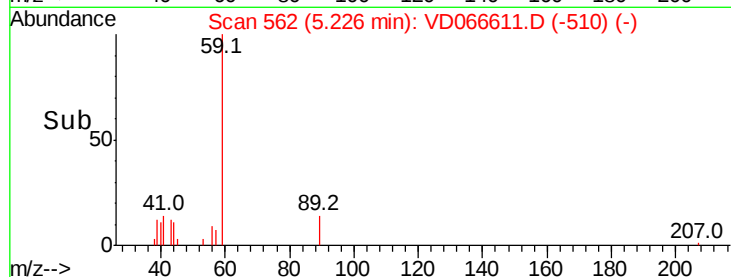
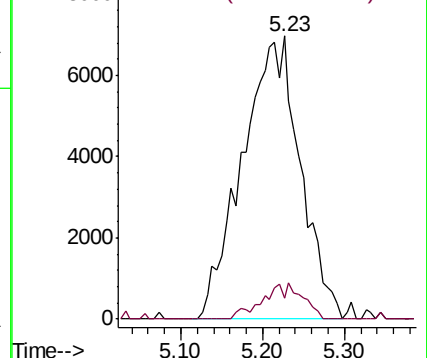
59 100

57 4.9 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.807 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

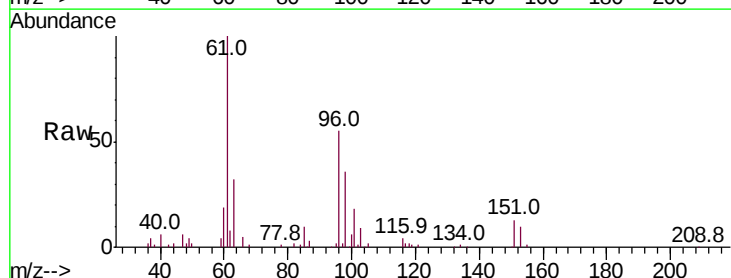
Tgt Ion: 96 Resp: 70623

Ion Ratio Lower Upper

96 100

61 182.2 140.9 211.3

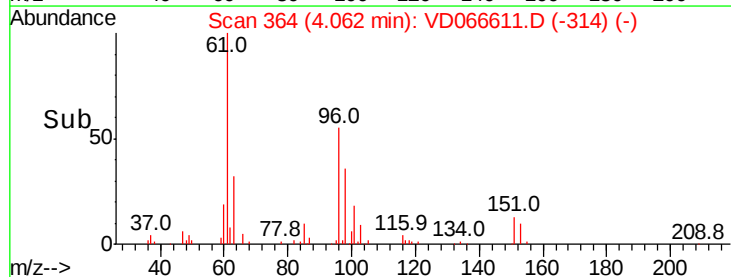
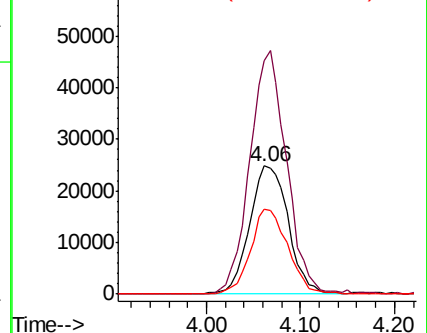
98 66.4 53.2 79.8

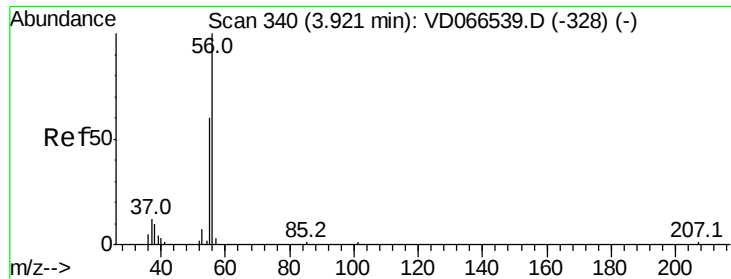


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 91.924 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

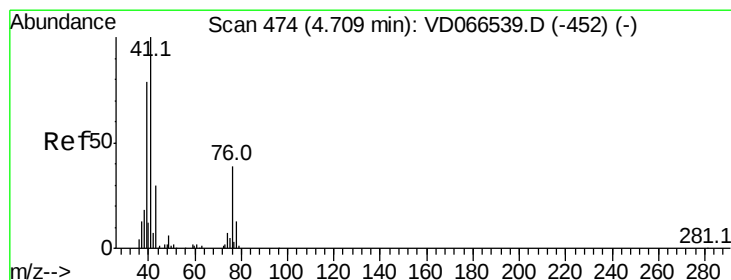
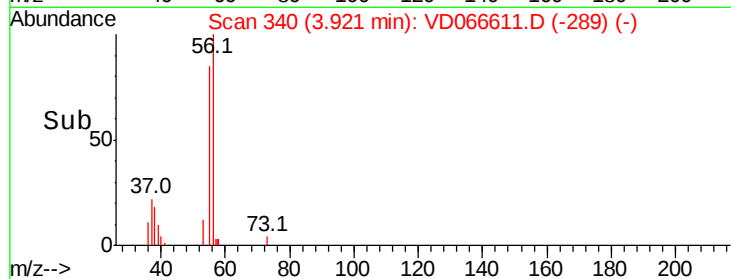
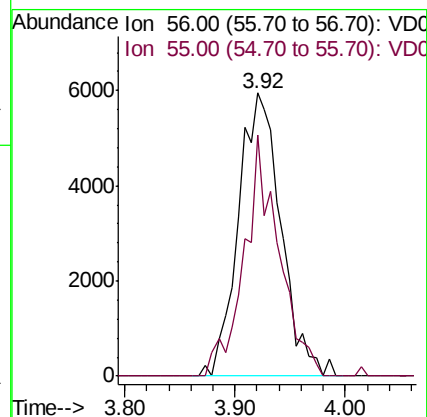
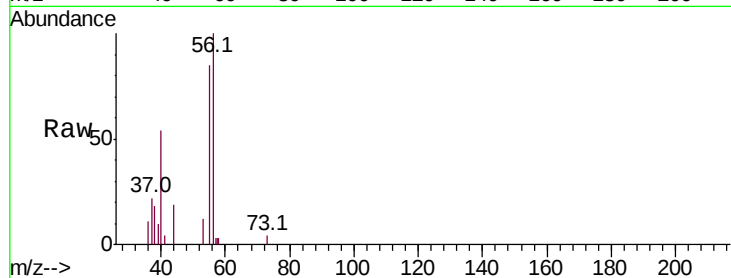
VD0910SBSD01

Tot Ion: 56 Resp: 16094

Ion Ratio Lower Upper

56 100

55 69.2 53.6 80.4



#14

Allyl chloride

Concen: 19.864 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

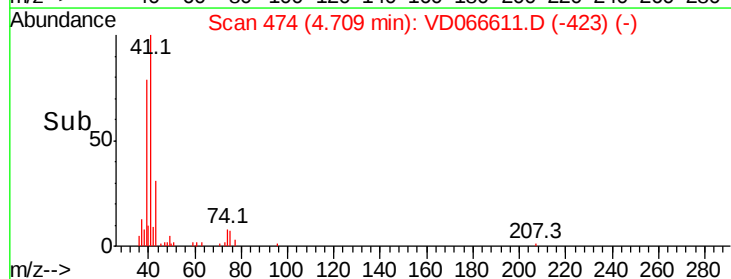
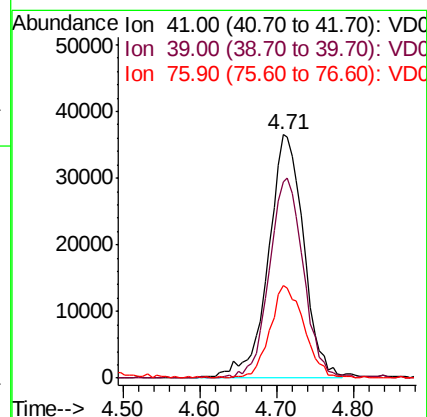
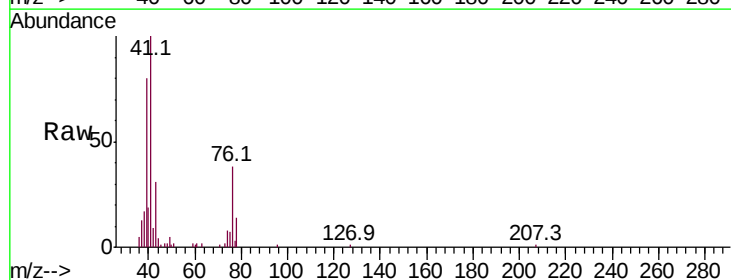
Tgt Ion: 41 Resp: 116076

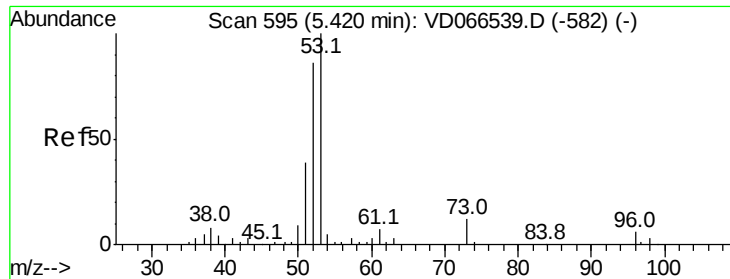
Ion Ratio Lower Upper

41 100

39 79.5 61.9 92.9

76 36.9 29.0 43.6





#15

Acrylonitrile

Concen: 105.316 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD01

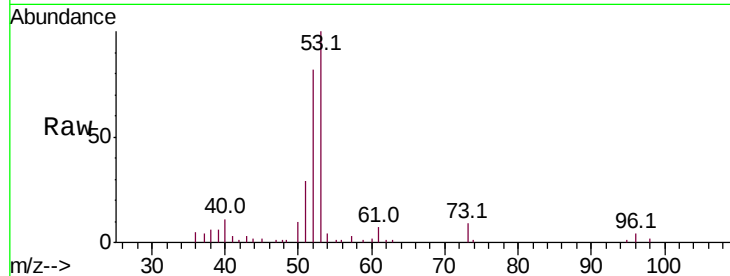
Tot Ion: 53 Resp: 83542

Ion Ratio Lower Upper

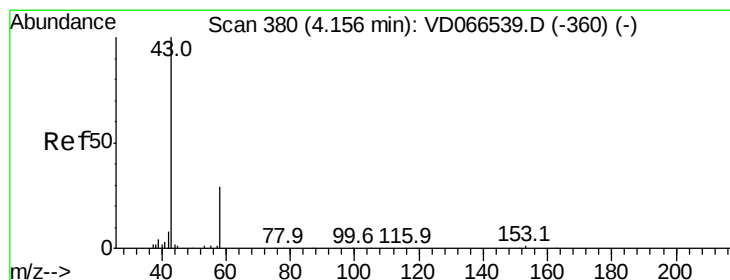
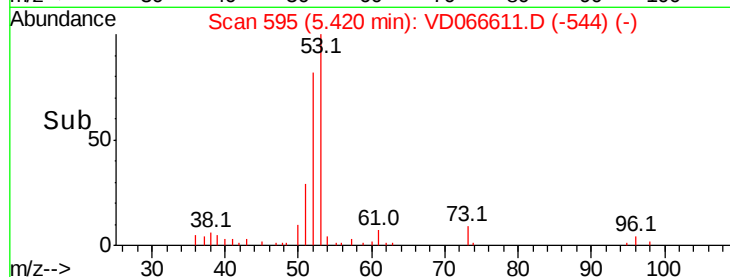
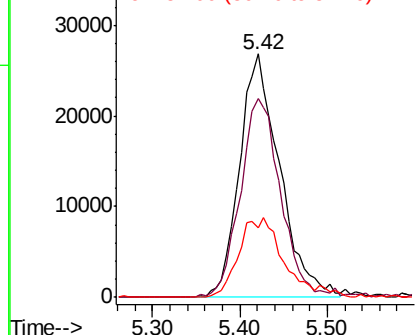
53 100

52 82.3 65.4 98.2

51 17.0 31.2 46.8#



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: 103.057 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066611.D

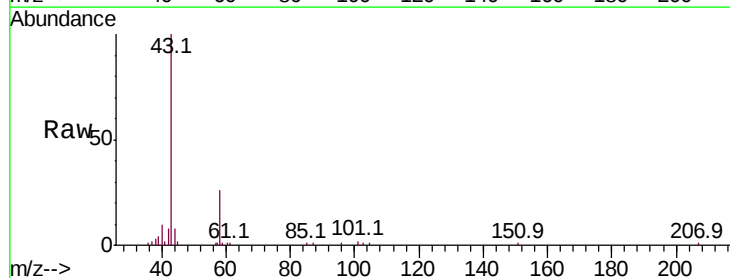
Acq: 10 Sep 2020 12:58

Tgt Ion: 43 Resp: 81194

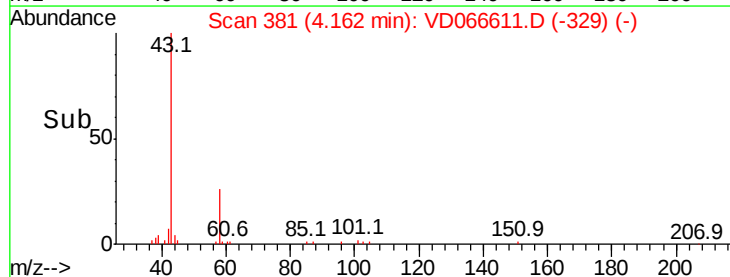
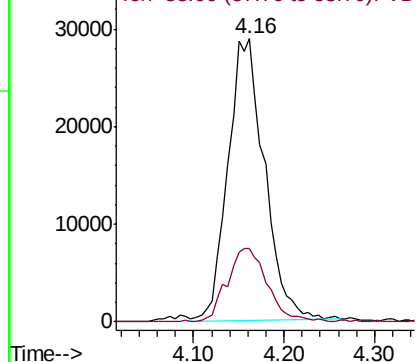
Ion Ratio Lower Upper

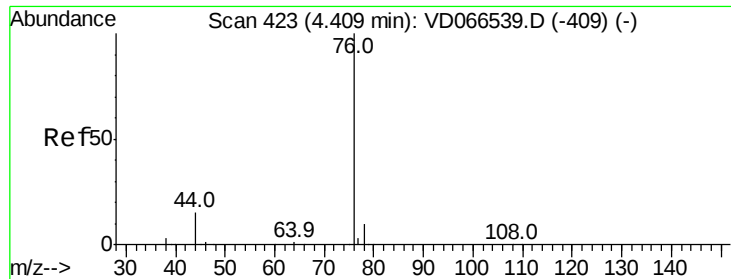
43 100

58 26.2 22.9 34.3



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

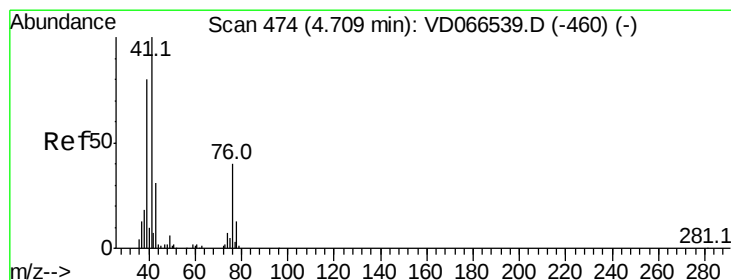
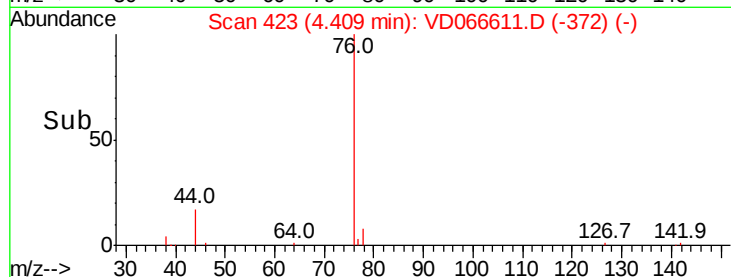
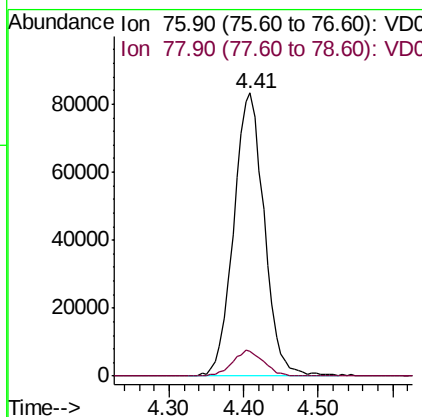
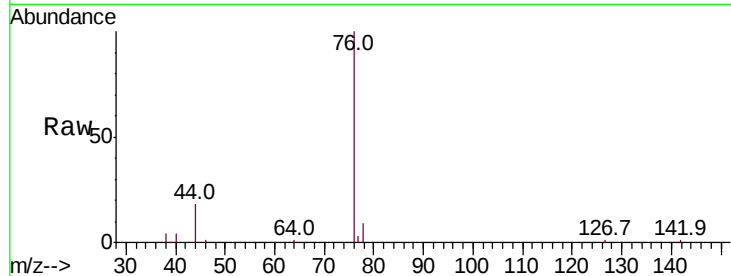




#17
Carbon Disulfide
Concen: 20.179 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

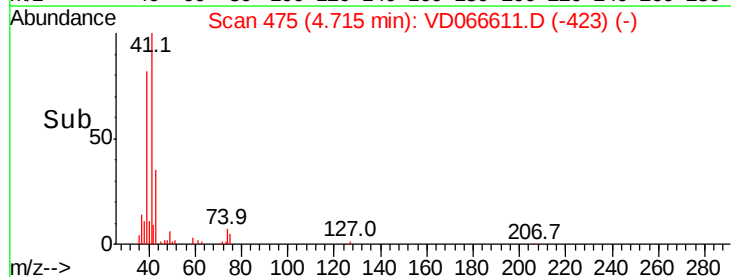
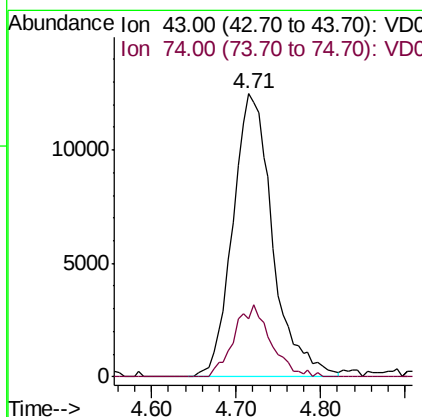
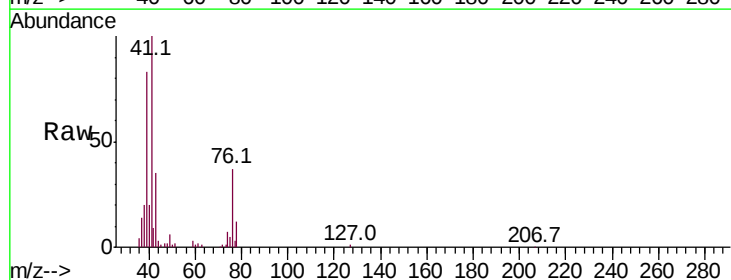
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

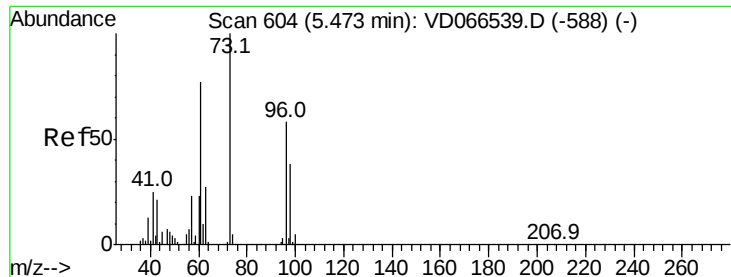
Tot Ion: 76 Resp: 236529
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 21.749 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion: 43 Resp: 40846
Ion Ratio Lower Upper
43 100
74 23.5 18.0 27.0



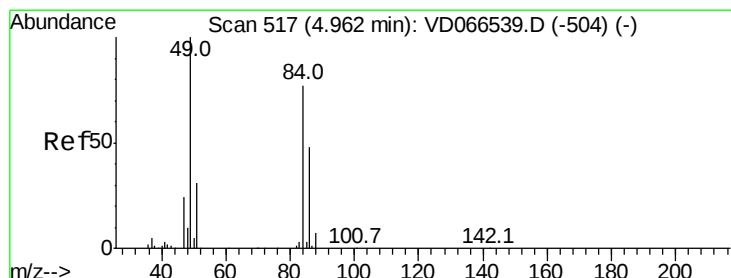
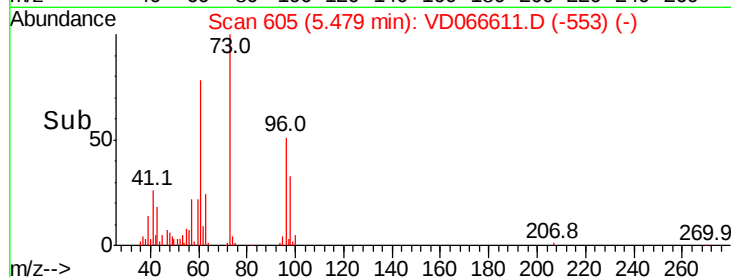
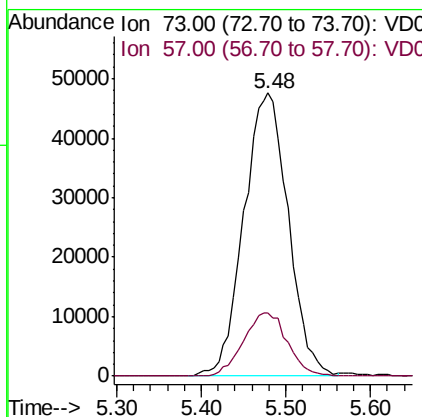
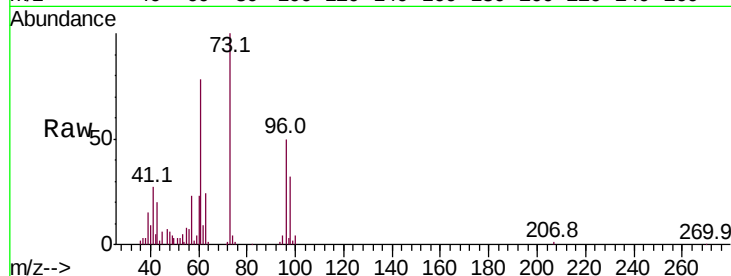


#19

Methyl tert-butyl Ether
 Concen: 20.747 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066611.D
 Acq: 10 Sep 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD01

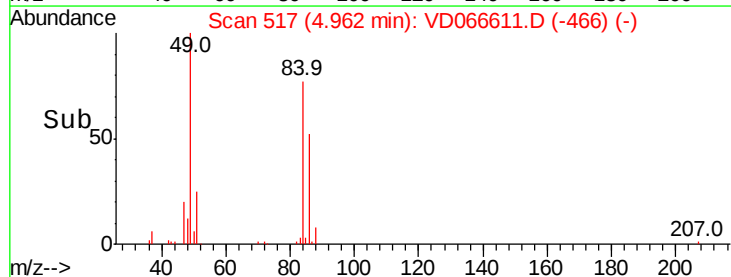
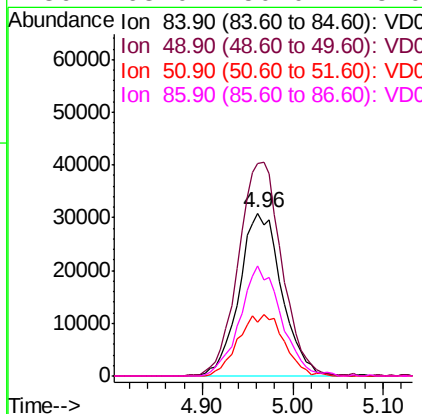
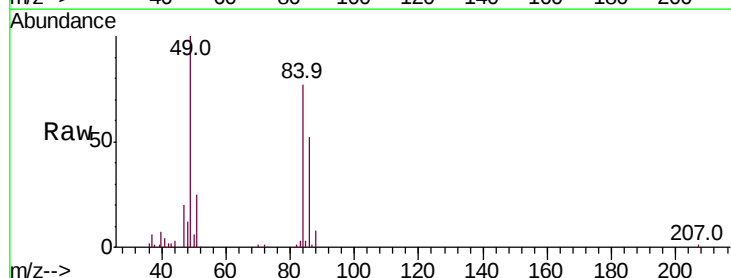
Tot Ion: 73 Resp: 173479
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.3 27.5

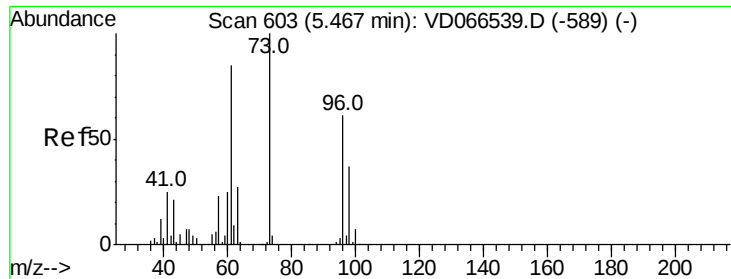


#20

Methylene Chloride
 Concen: 19.318 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD066611.D
 Acq: 10 Sep 2020 12:58

Tgt Ion: 84 Resp: 100381
 Ion Ratio Lower Upper
 84 100
 49 130.0 104.3 156.5
 51 32.9 32.2 48.4
 86 68.0 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 19.916 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD01

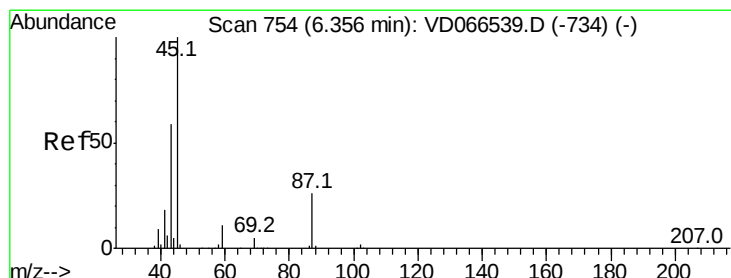
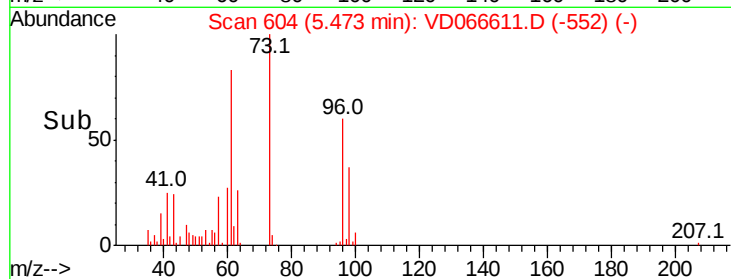
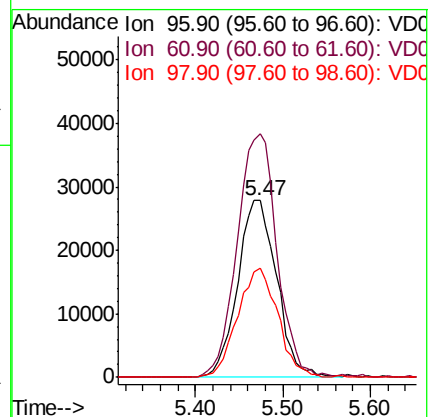
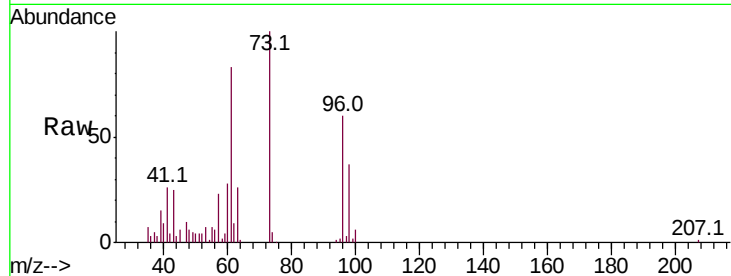
Tot Ion: 96 Resp: 84328

Ion Ratio Lower Upper

96 100

61 137.8 112.1 168.1

98 61.2 48.6 72.8



#22

Diisopropyl ether

Concen: 21.135 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Tgt Ion: 45 Resp: 253983

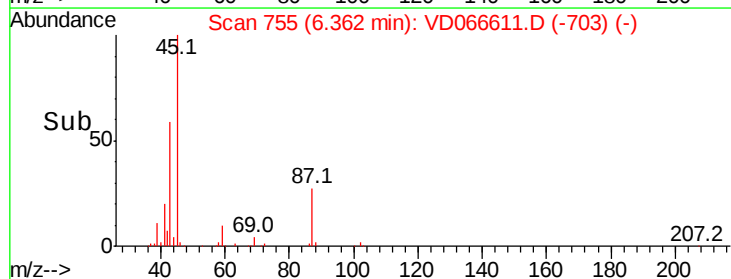
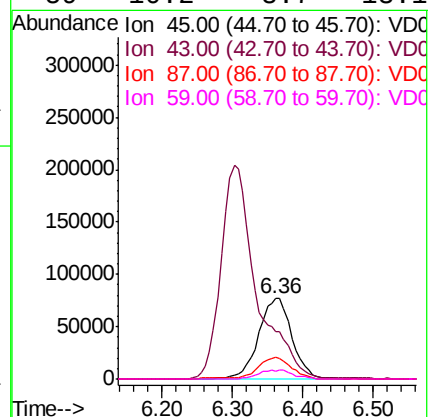
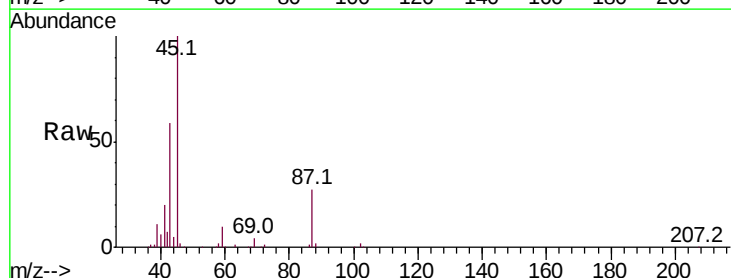
Ion Ratio Lower Upper

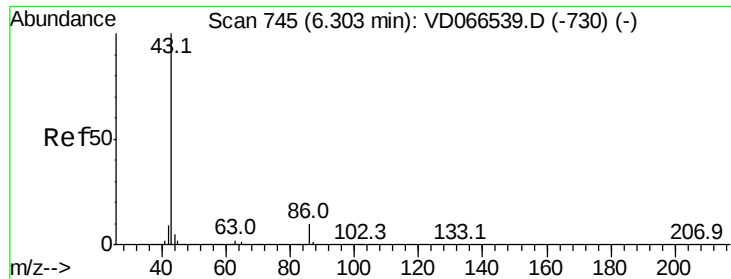
45 100

43 58.1 47.0 70.4

87 26.5 21.3 31.9

59 10.2 8.7 13.1





#23

Vinyl Acetate

Concen: 104.319 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

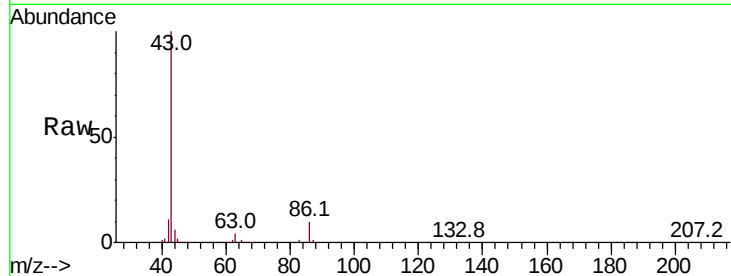
VD0910SBS01

Tot Ion: 43 Resp: 713381

Ion Ratio Lower Upper

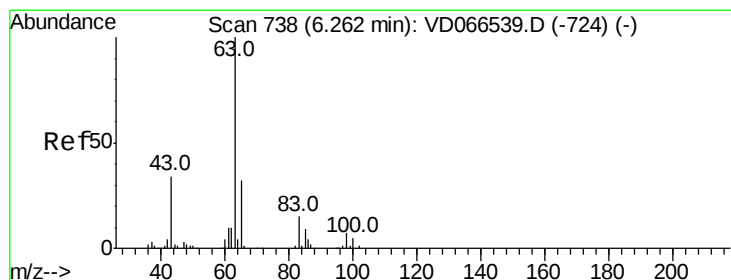
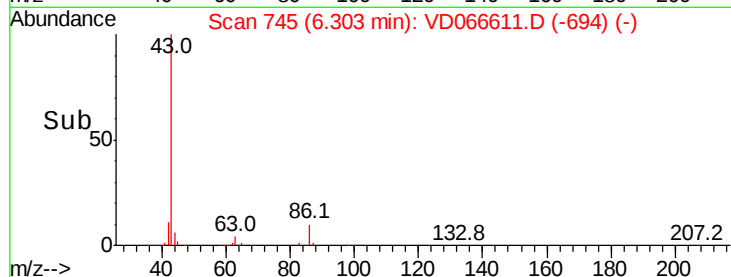
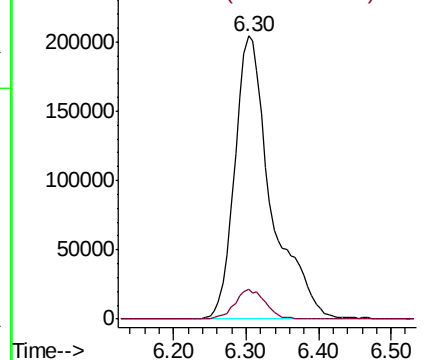
43 100

86 10.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.389 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

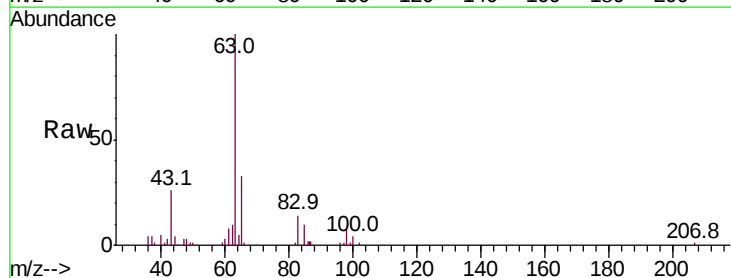
Tgt Ion: 63 Resp: 154076

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

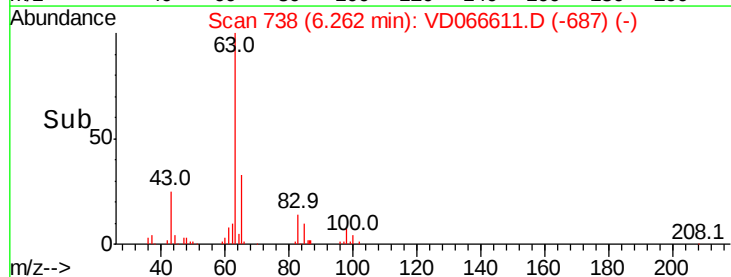
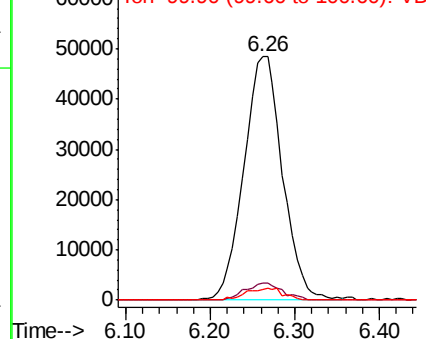
100 4.5 2.5 7.4

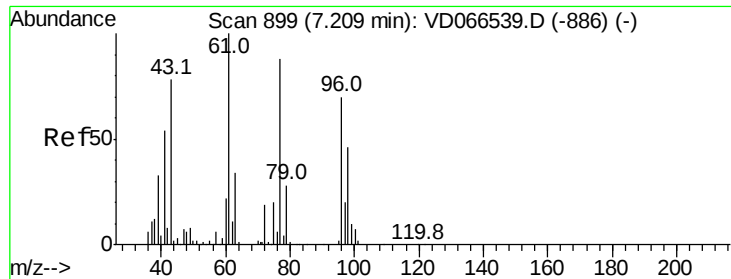


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

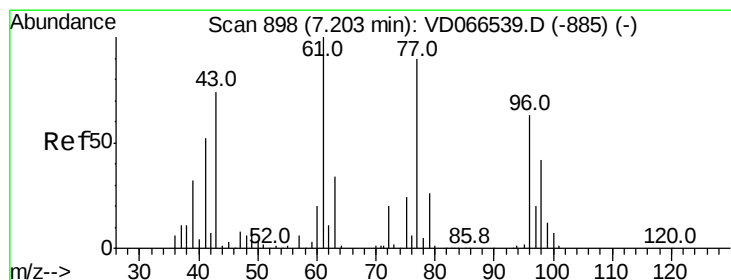
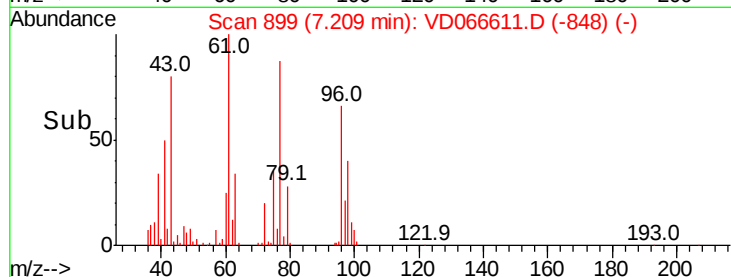
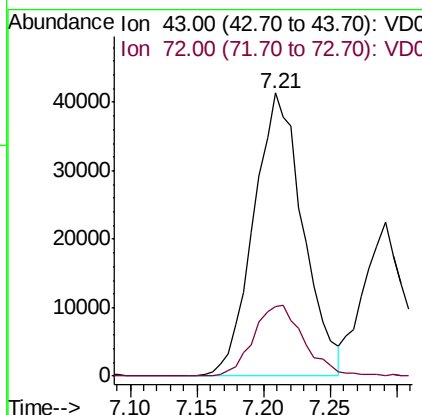
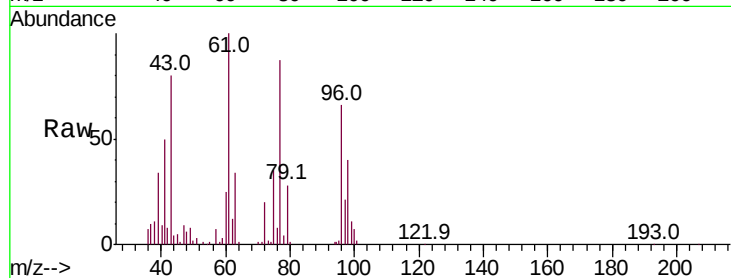




#25
2-Butanone
Concen: 100.503 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

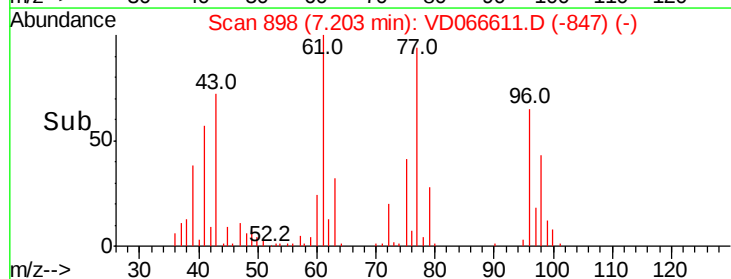
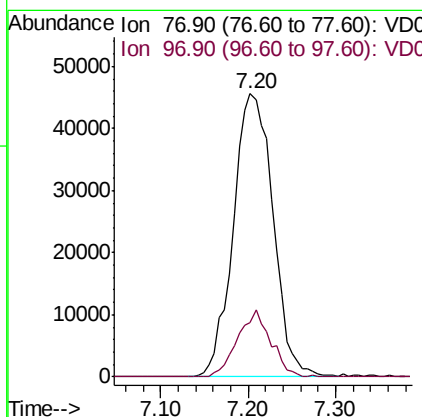
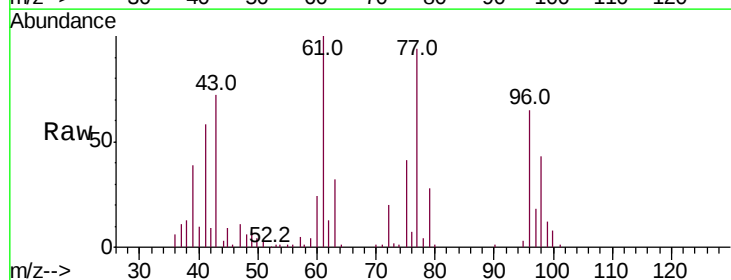
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

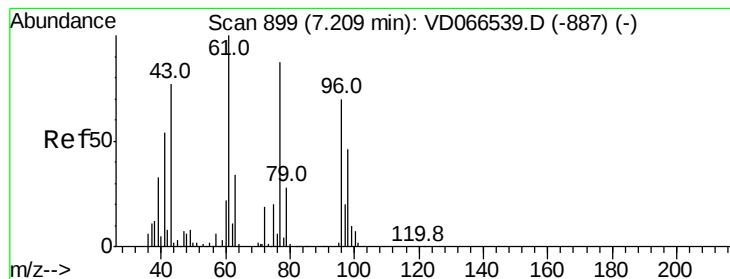
Tot Ion: 43 Resp: 106293
Ion Ratio Lower Upper
43 100
72 24.7 19.8 29.6



#26
2,2-Dichloropropane
Concen: 20.281 ug/l
RT: 7.20 min Scan# 898
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion: 77 Resp: 140586
Ion Ratio Lower Upper
77 100
97 19.8 10.8 32.3



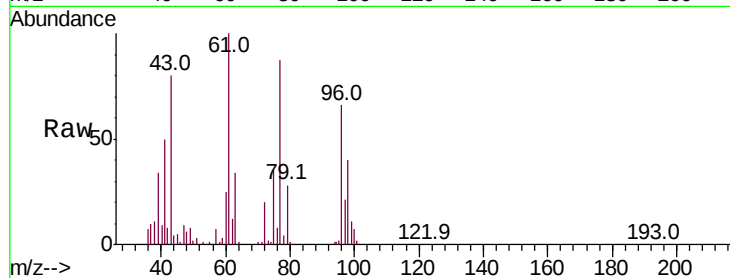


#27

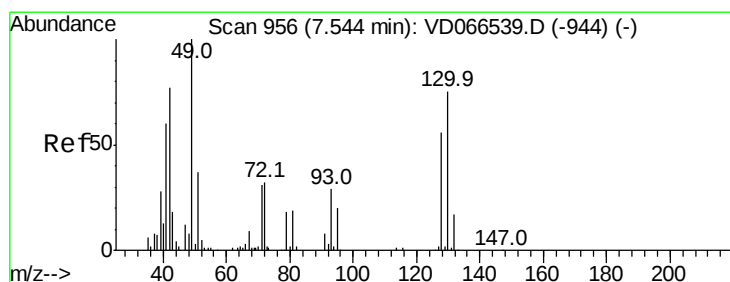
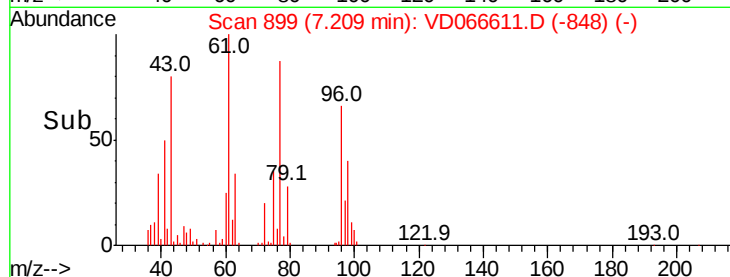
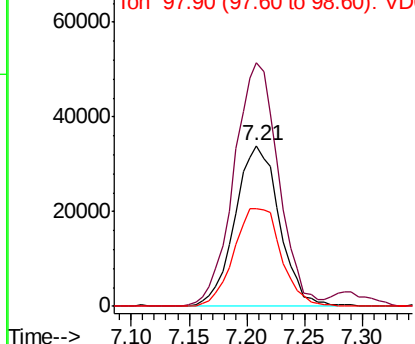
cis-1,2-Dichloroethene
Concen: 19.921 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.4	0.0	301.0
98	65.0	0.0	129.8



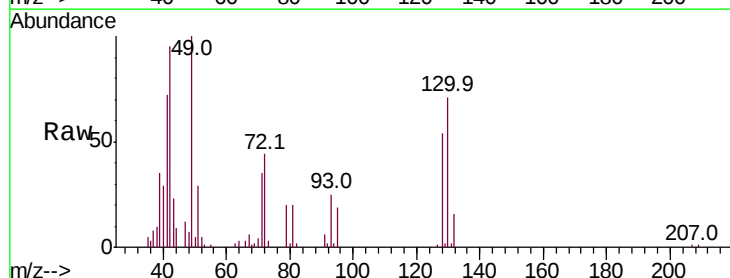
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



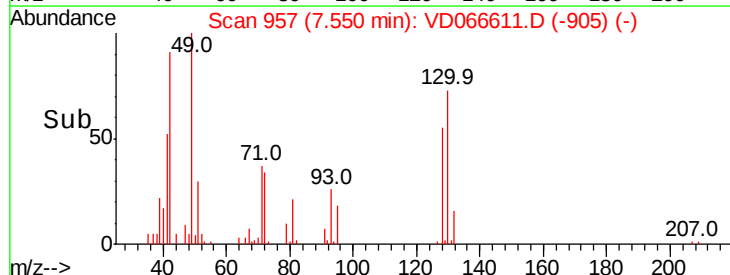
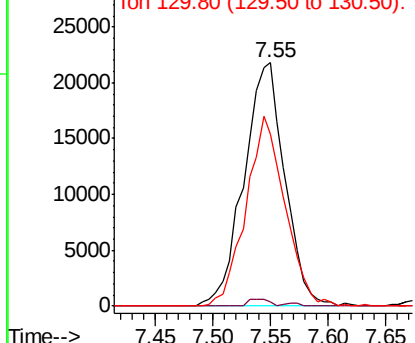
#28

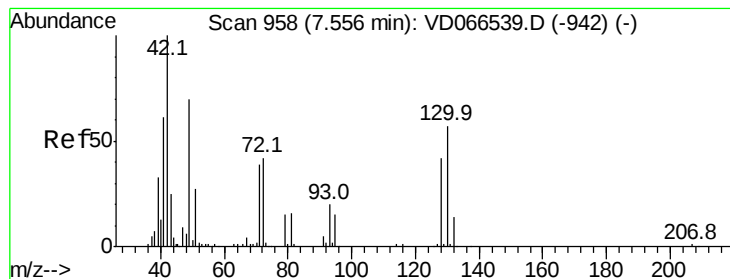
Bromochloromethane
Concen: 18.477 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.6
130	74.6	58.2	87.2



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





#29

Tetrahydrofuran

Concen: 103.218 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD01

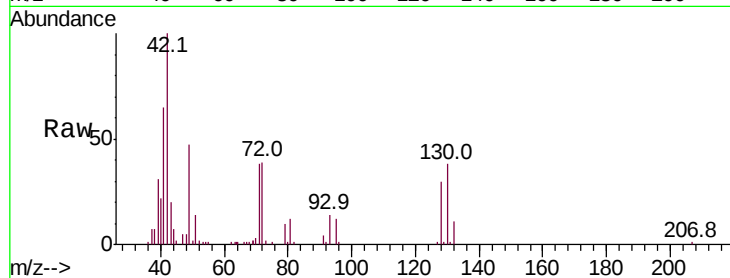
Tot Ion: 42 Resp: 67987

Ion Ratio Lower Upper

42 100

72 41.2 33.4 50.0

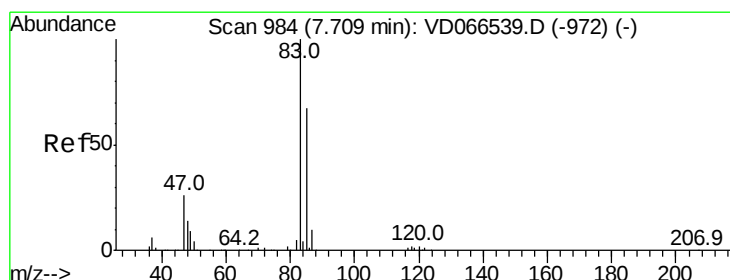
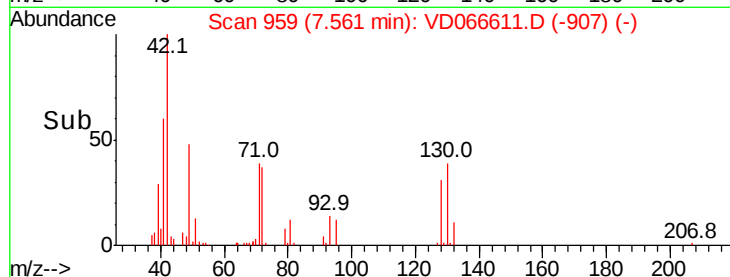
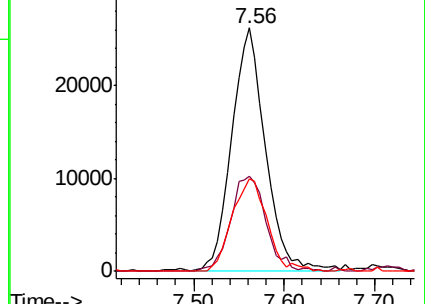
71 39.3 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 20.319 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066611.D

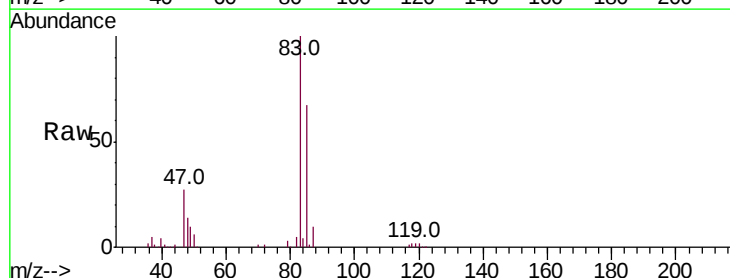
Acq: 10 Sep 2020 12:58

Tgt Ion: 83 Resp: 162441

Ion Ratio Lower Upper

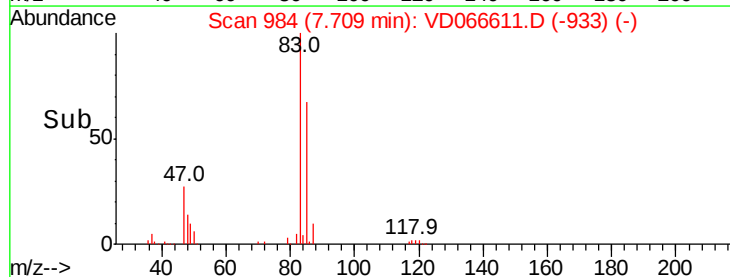
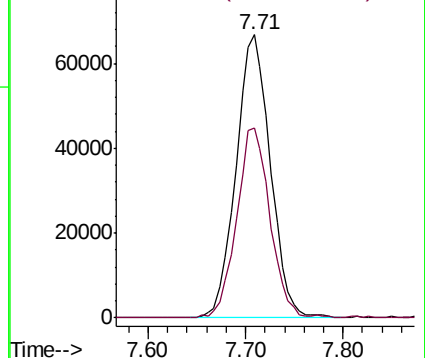
83 100

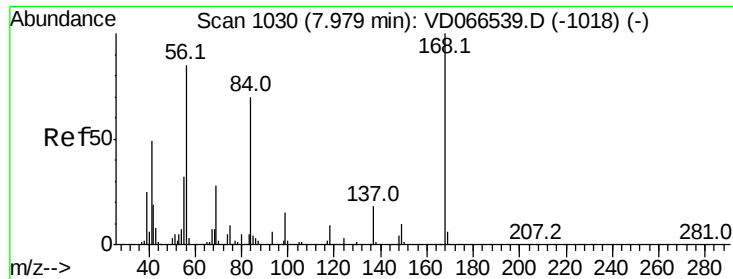
85 67.0 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

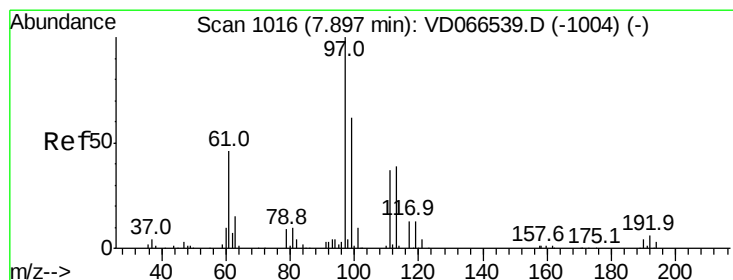
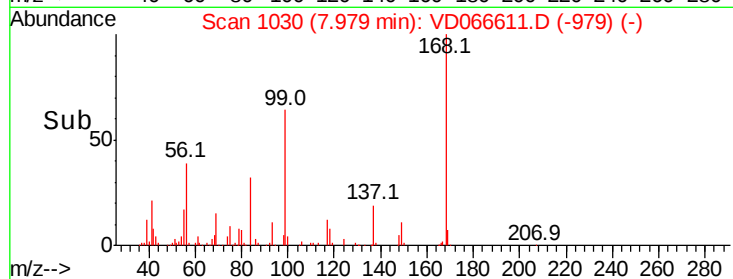
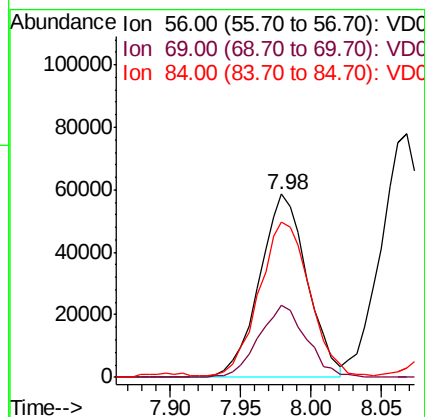
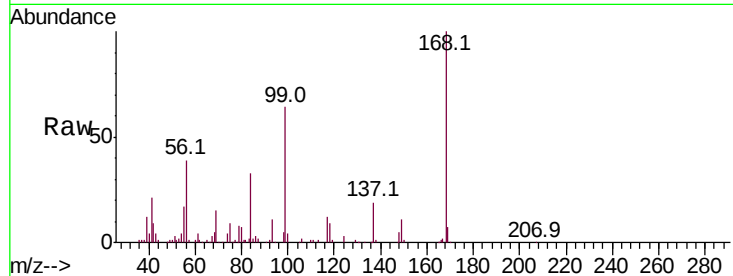




#31
Cyclohexane
Concen: 19.756 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

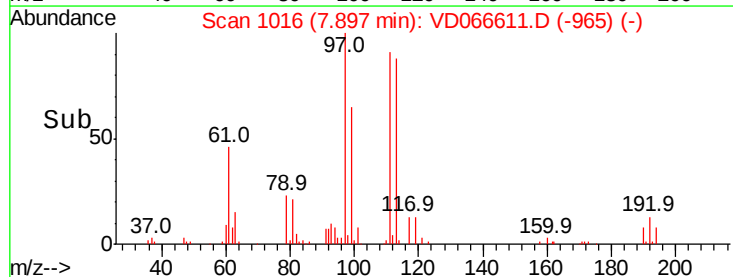
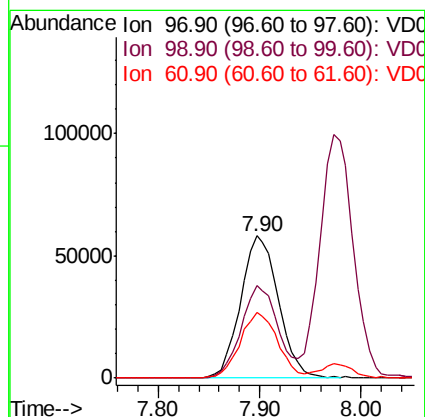
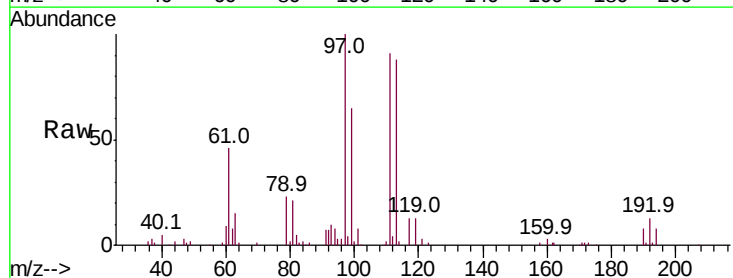
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

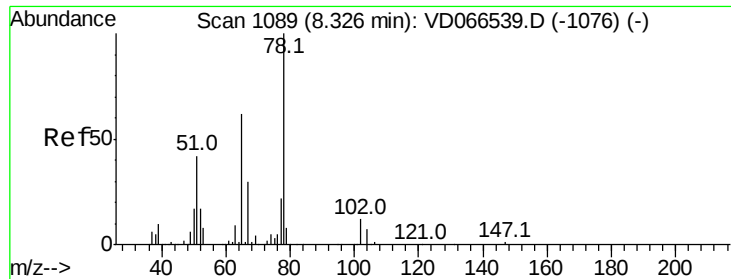
Tot Ion: 56 Resp: 138007
Ion Ratio Lower Upper
56 100
69 39.1 26.3 39.5
84 83.8 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 20.038 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion: 97 Resp: 150617
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 46.0 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 54.398 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

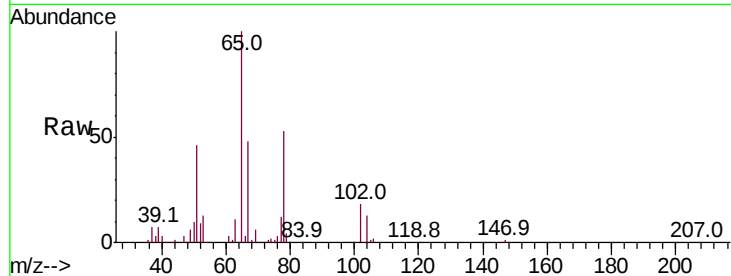
VD0910SBSD01

Tot Ion: 65 Resp: 232929

Ion Ratio Lower Upper

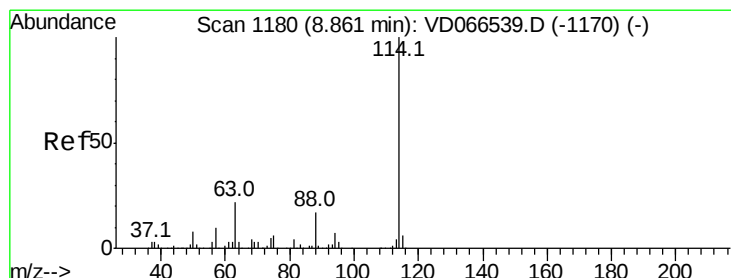
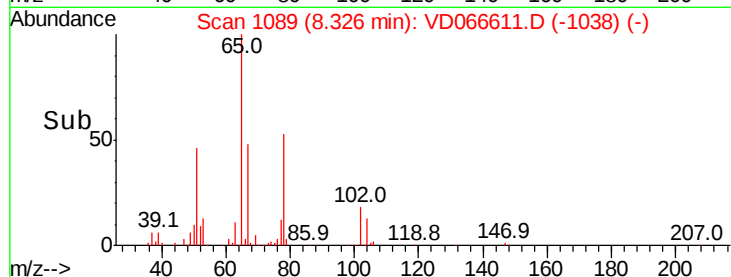
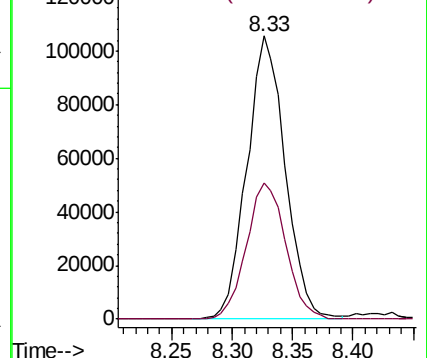
65 100

67 49.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

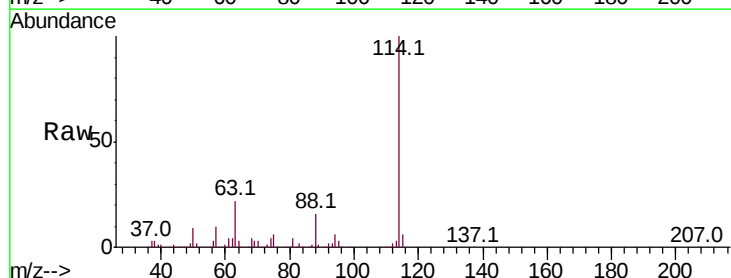
Tgt Ion: 114 Resp: 577288

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

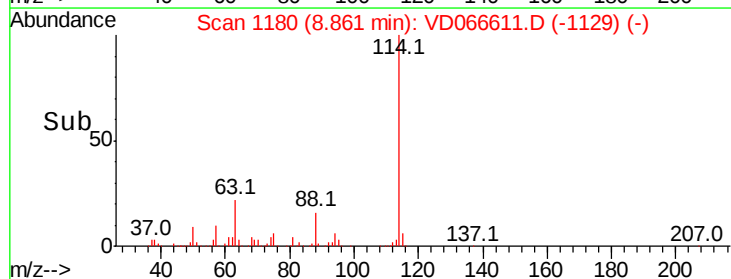
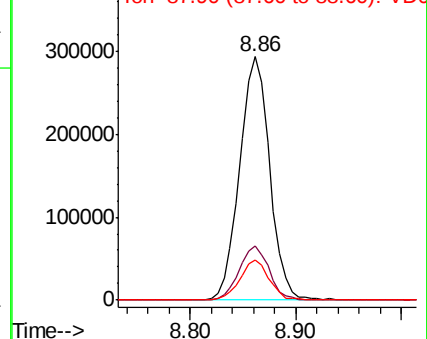
88 16.3 0.0 33.2

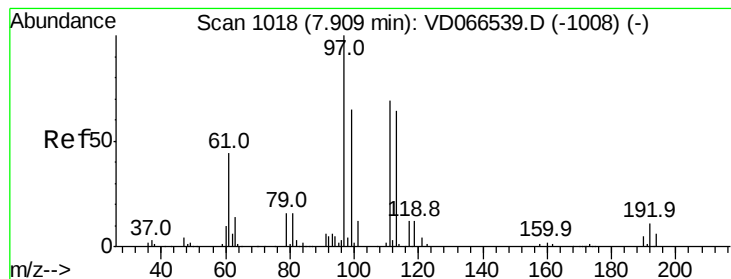


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 53.816 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD01

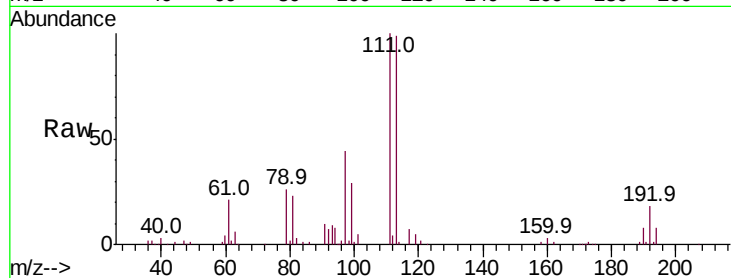
Tot Ion:113 Resp: 209582

Ion Ratio Lower Upper

113 100

111 103.4 83.2 124.8

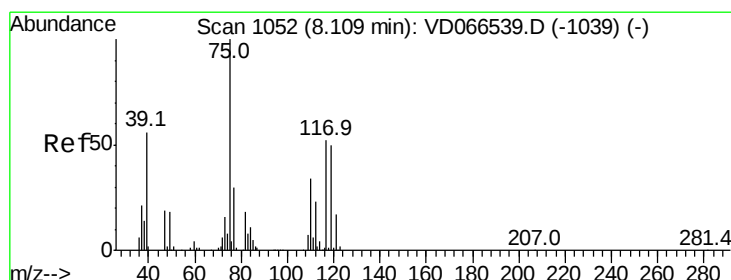
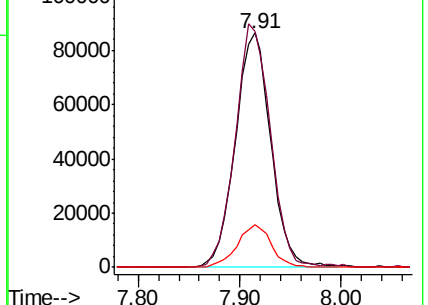
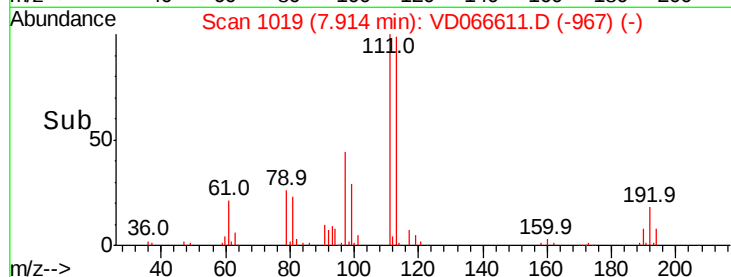
192 17.4 13.7 20.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.476 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

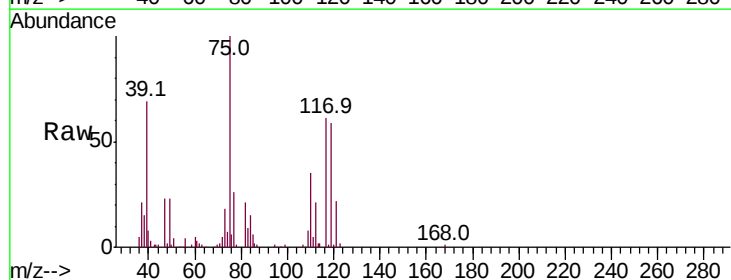
Tgt Ion: 75 Resp: 123018

Ion Ratio Lower Upper

75 100

110 33.1 17.3 52.0

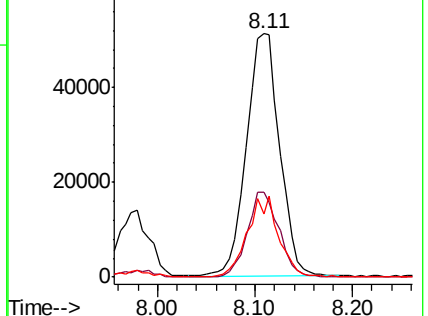
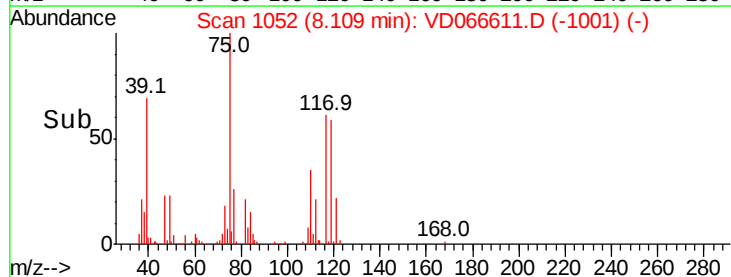
77 31.3 25.1 37.7

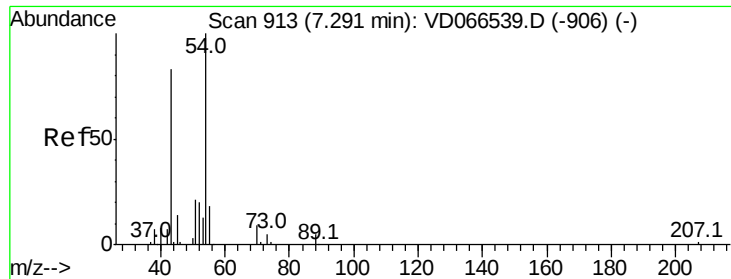


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

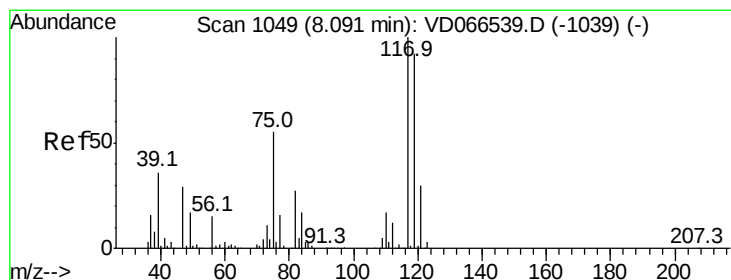
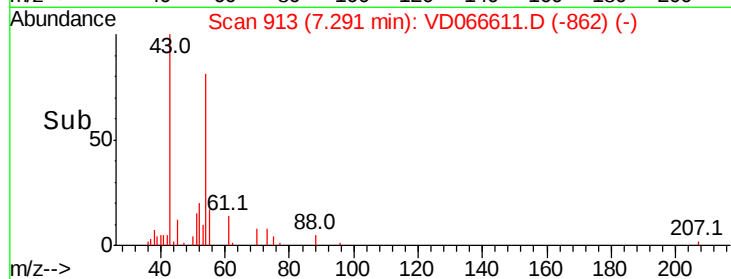
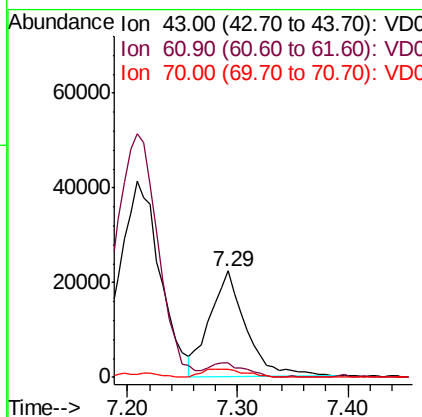
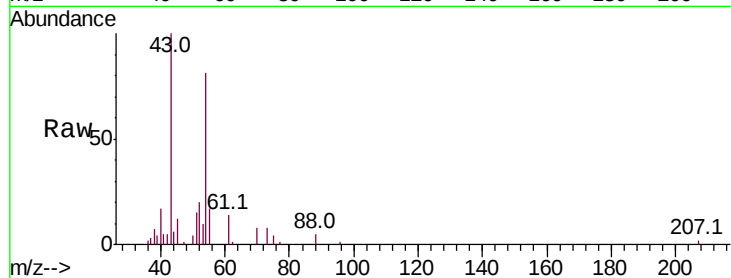




#37
Ethyl Acetate
Concen: 21.224 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

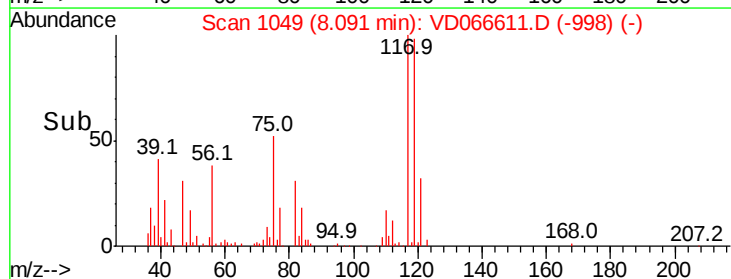
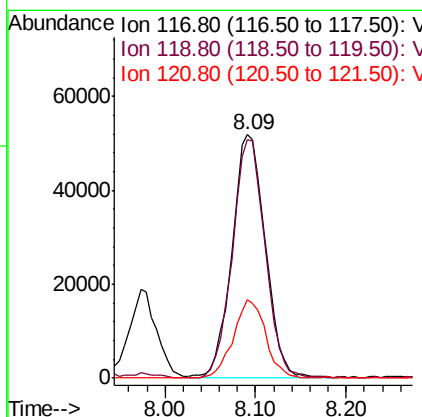
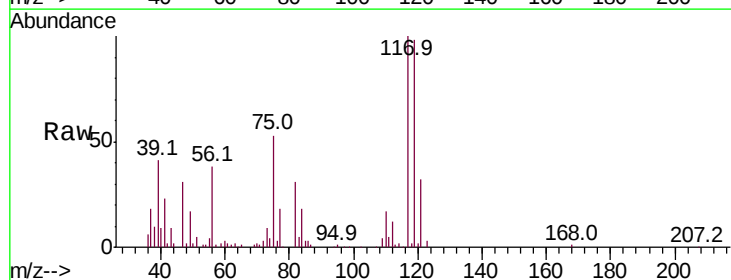
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS01

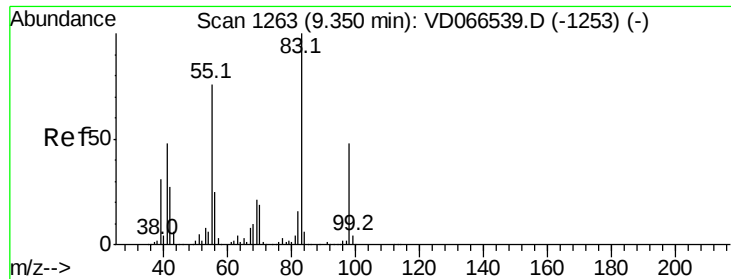
Tot Ion: 43 Resp: 50775
Ion Ratio Lower Upper
43 100
61 13.2 11.8 17.8
70 9.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.689 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion: 117 Resp: 131378
Ion Ratio Lower Upper
117 100
119 98.2 73.9 110.9
121 32.2 24.1 36.1

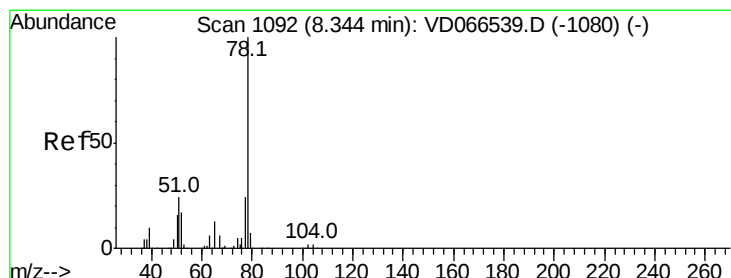
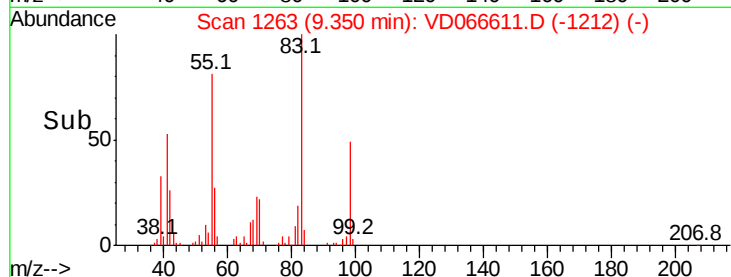
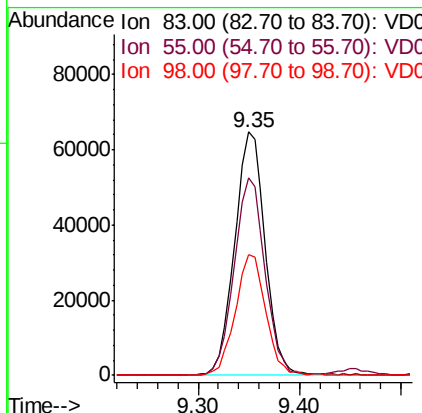
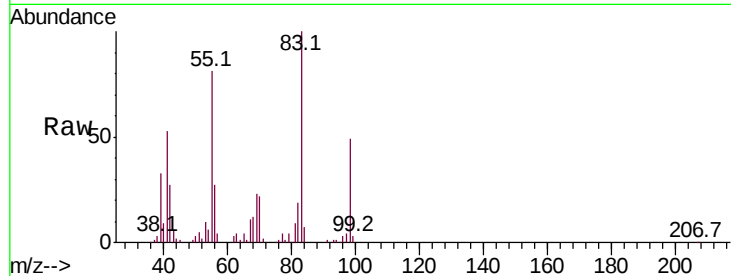




#39
Methvlcvclohexane
Concen: 20.110 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

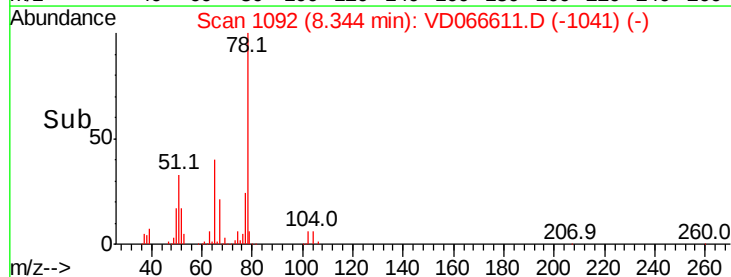
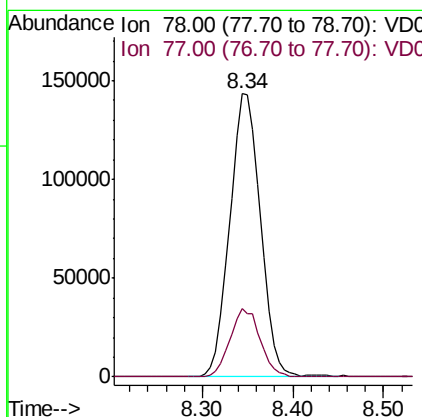
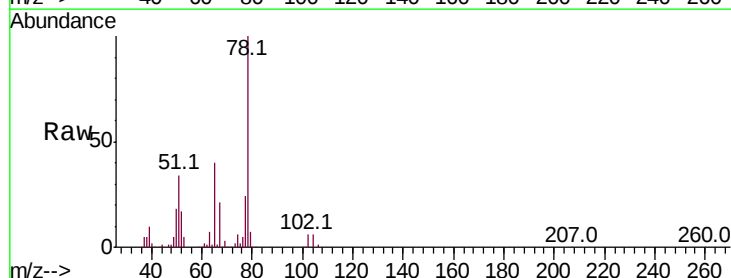
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

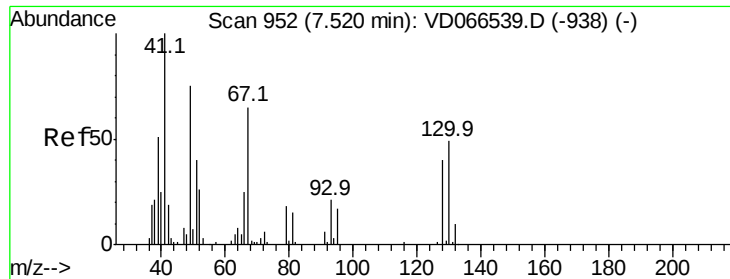
Tot Ion: 83 Resp: 134913
Ion Ratio Lower Upper
83 100
55 81.1 60.8 91.2
98 49.4 38.6 58.0



#40
Benzene
Concen: 20.579 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion: 78 Resp: 338604
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

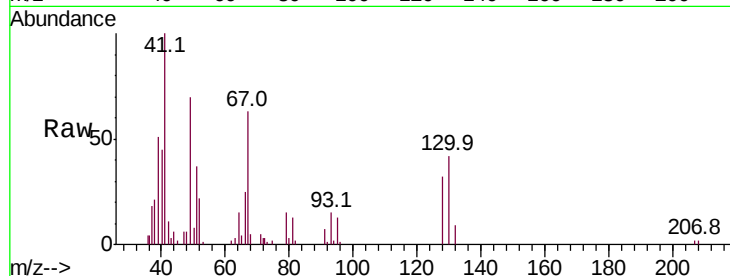




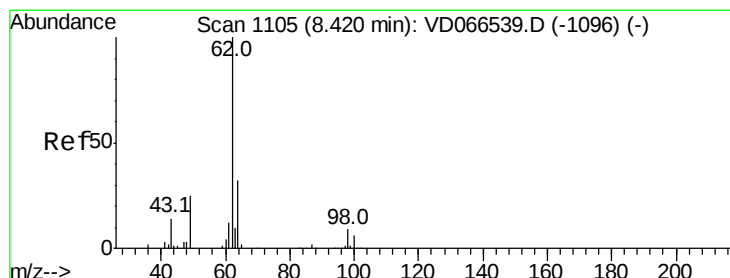
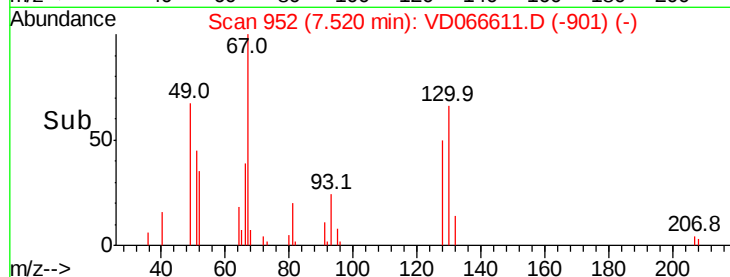
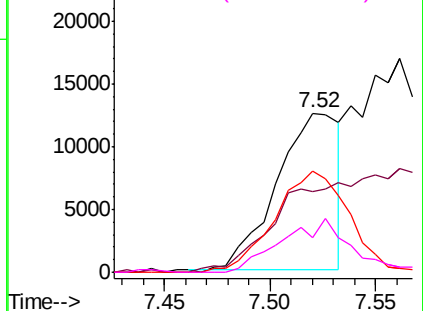
#41
Methacrylonitrile
Concen: 22.188 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

Tot Ion: 41 Resp: 25694
Ion Ratio Lower Upper
41 100
39 0.0 53.6 80.4#
67 75.7 59.2 88.8
52 38.9 26.8 40.2

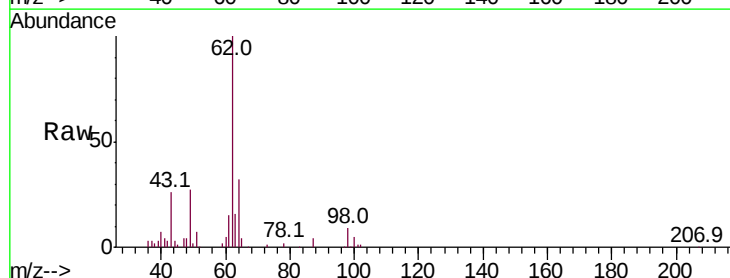


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

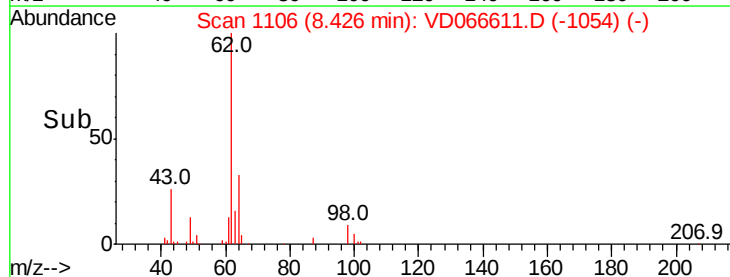
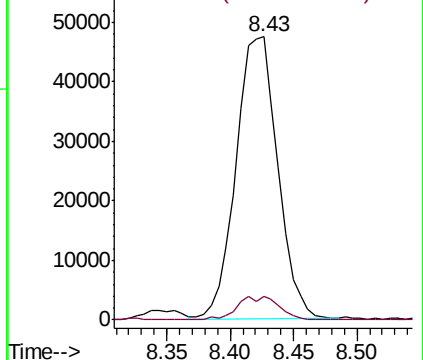


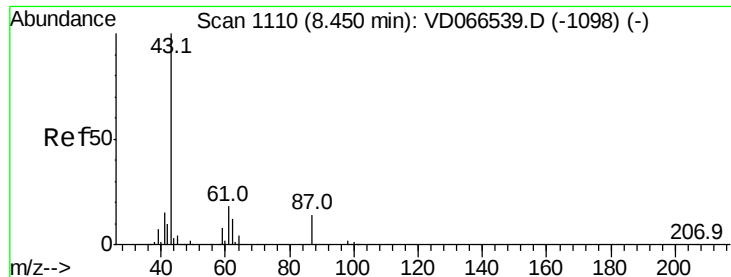
#42
1,2-Dichloroethane
Concen: 20.361 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion: 62 Resp: 108546
Ion Ratio Lower Upper
62 100
98 4.3 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 21.421 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS01

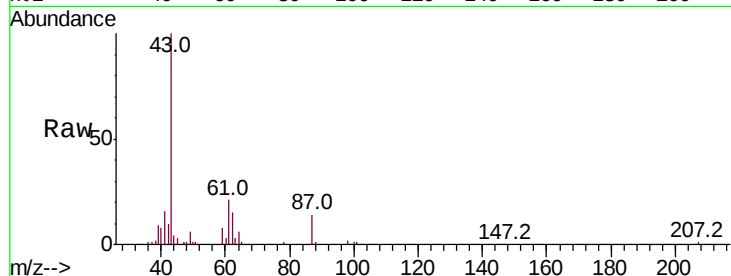
Tot Ion: 43 Resp: 98206

Ion Ratio Lower Upper

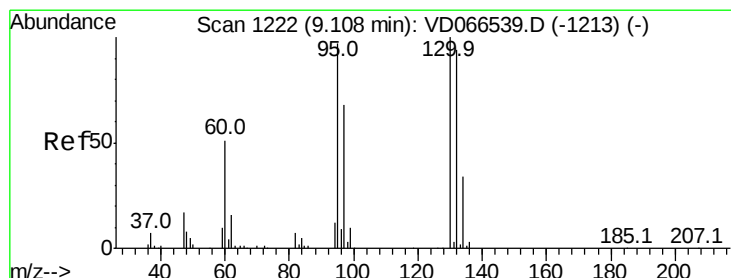
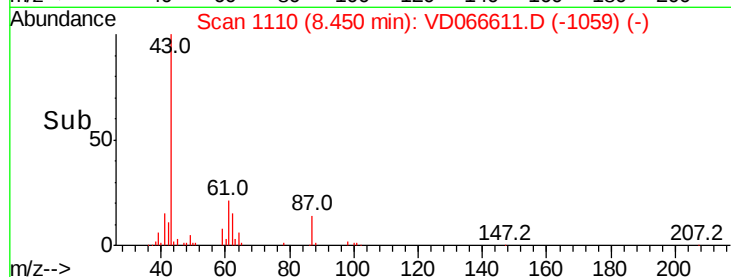
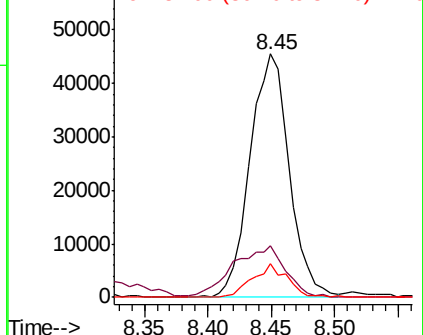
43 100

61 28.2 23.8 35.8

87 12.4 10.7 16.1



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: 20.577 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066611.D

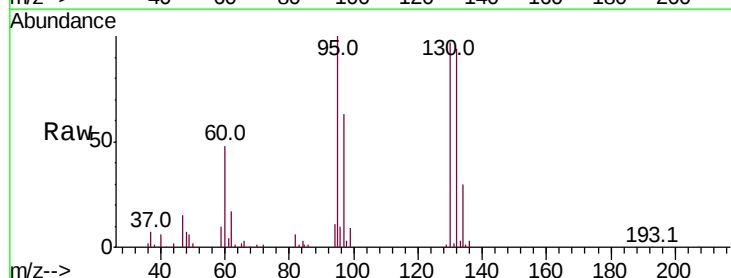
Acq: 10 Sep 2020 12:58

Tgt Ion:130 Resp: 88811

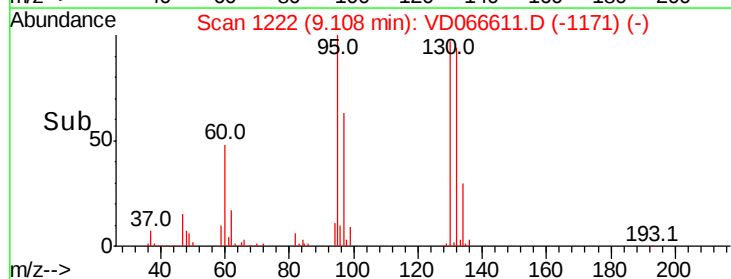
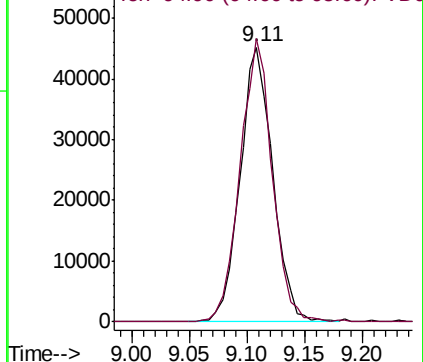
Ion Ratio Lower Upper

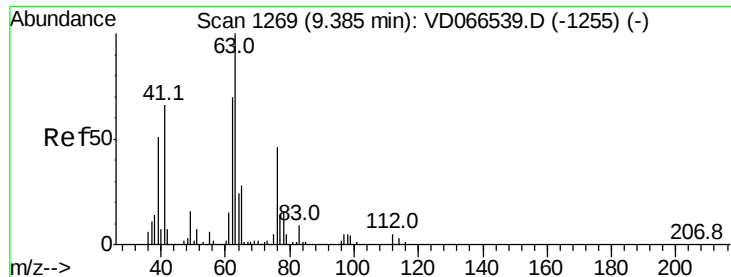
130 100

95 103.1 0.0 194.4



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





#45

1,2-Dichloropropane

Concen: 20.314 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

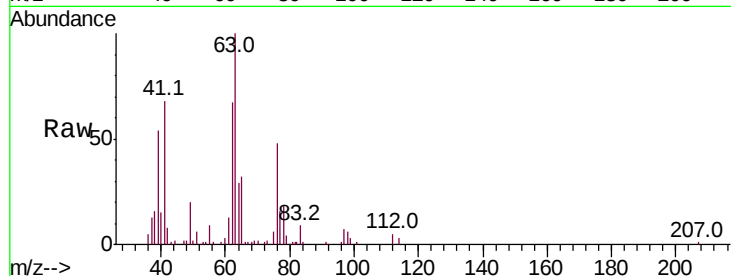
VD0910SBSD01

Tot Ion: 63 Resp: 84056

Ion Ratio Lower Upper

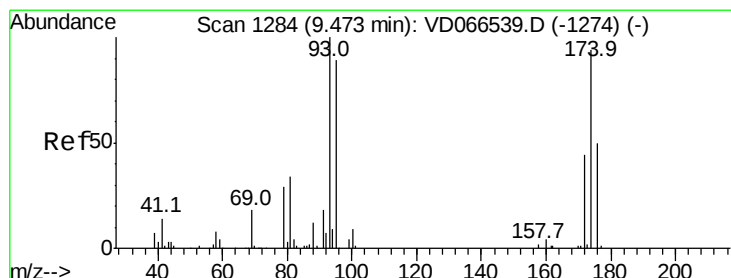
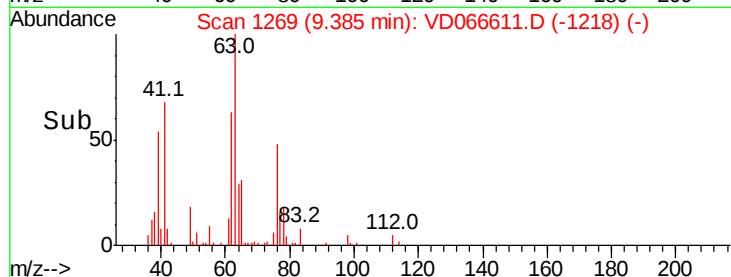
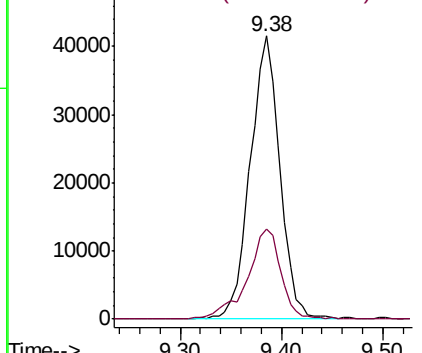
63 100

65 31.7 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.276 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

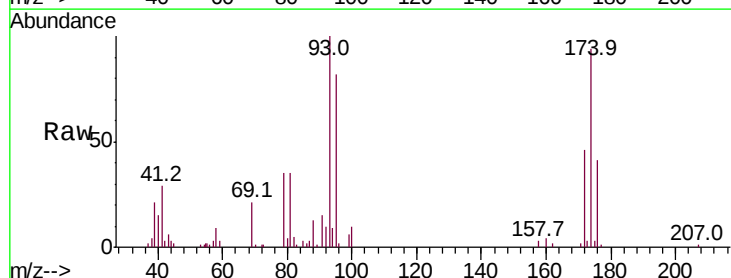
Tgt Ion: 93 Resp: 46288

Ion Ratio Lower Upper

93 100

95 82.4 68.7 103.1

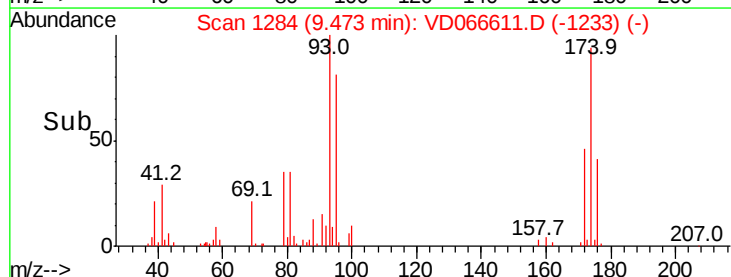
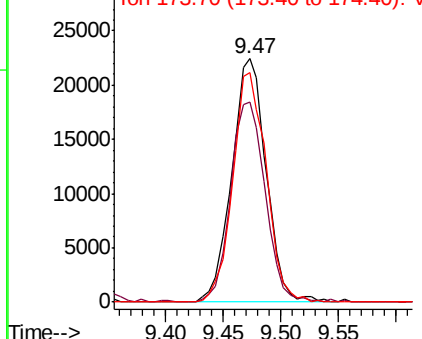
174 91.8 70.0 105.0

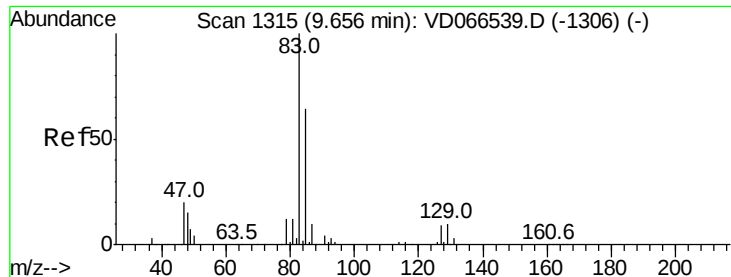


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.943 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD01

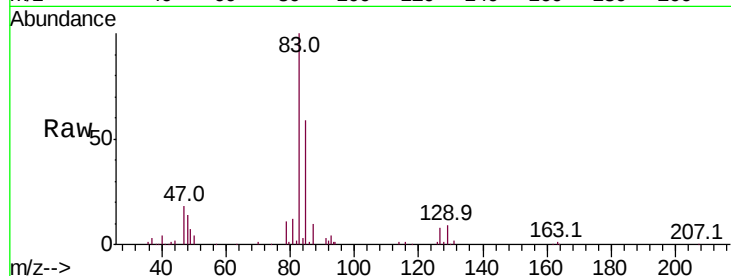
Tot Ion: 83 Resp: 129355

Ion Ratio Lower Upper

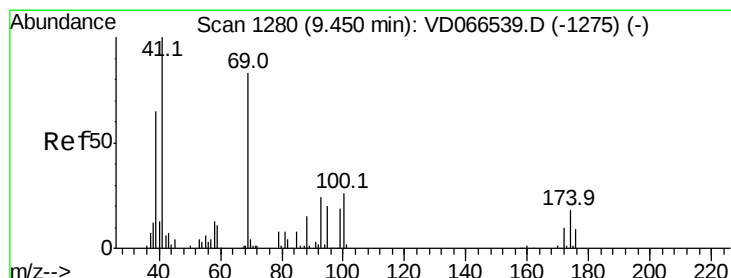
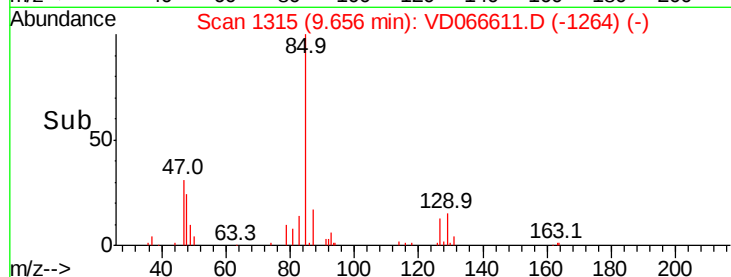
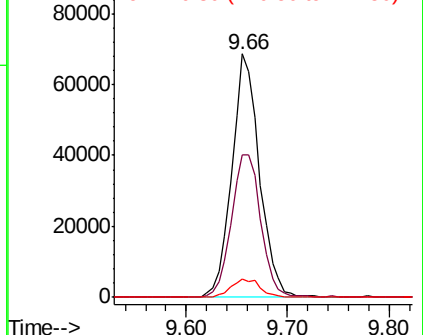
83 100

85 58.7 51.1 76.7

127 7.5 6.9 10.3



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



#48

Methyl methacrylate

Concen: 19.856 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

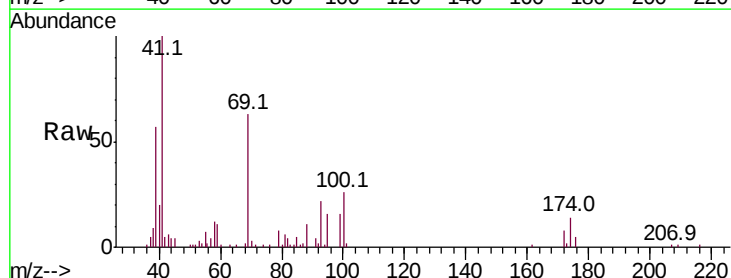
Tgt Ion: 41 Resp: 46031

Ion Ratio Lower Upper

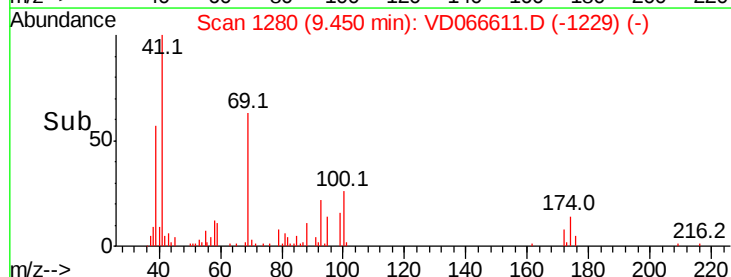
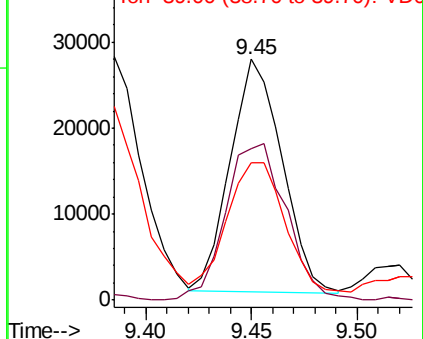
41 100

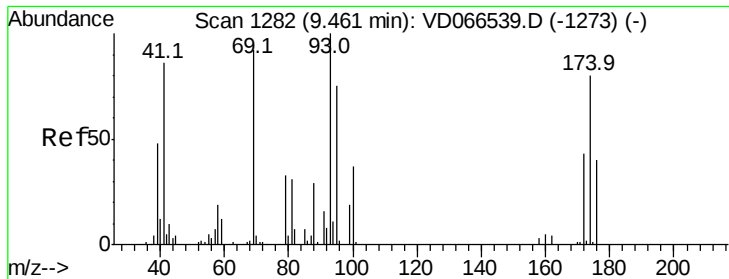
69 79.0 64.5 96.7

39 62.6 46.6 69.8



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





#49

1,4-Dioxane

Concen: 386.657 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD01

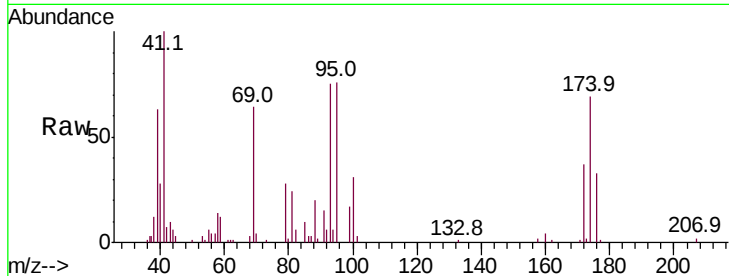
Tot Ion: 88 Resp: 9684

Ion Ratio Lower Upper

88 100

43 47.6 28.3 42.5#

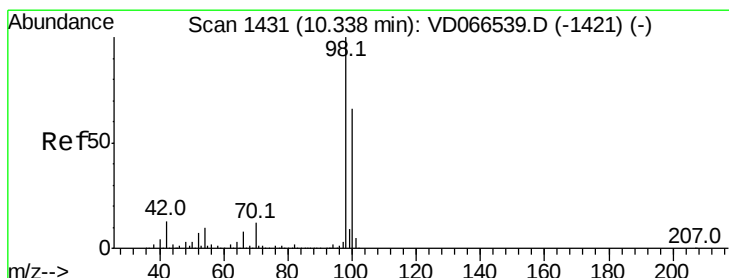
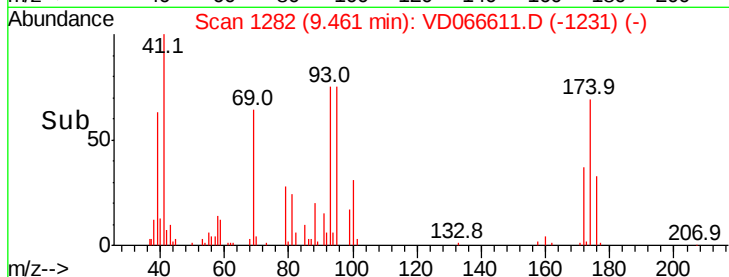
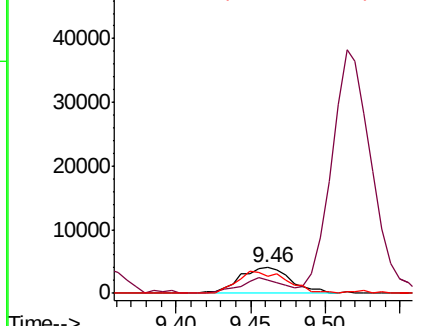
58 82.4 56.1 84.1



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: 55.717 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066611.D

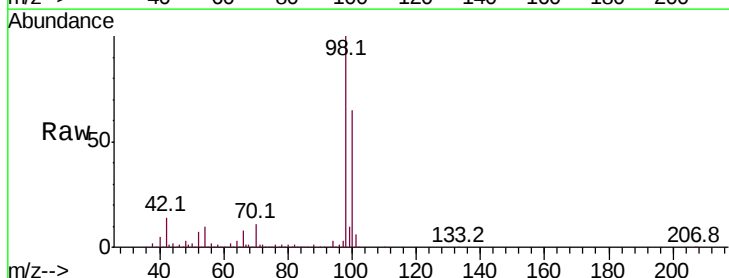
Acq: 10 Sep 2020 12:58

Tgt Ion: 98 Resp: 775547

Ion Ratio Lower Upper

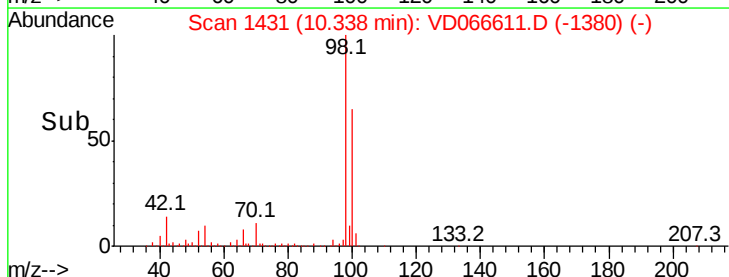
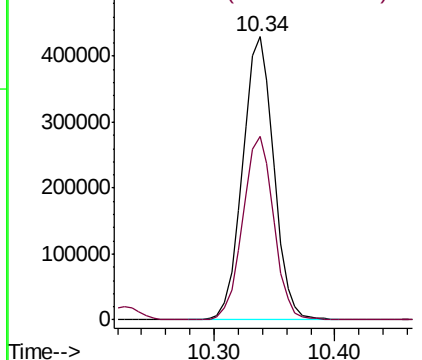
98 100

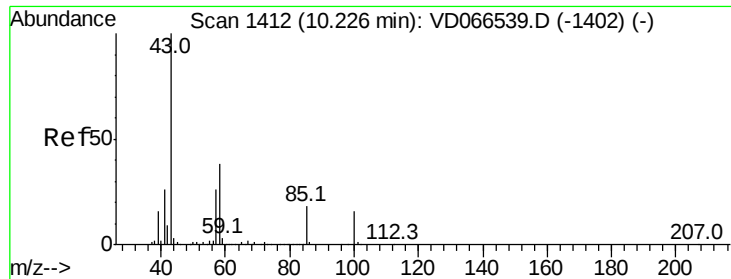
100 64.4 52.9 79.3



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: 106.161 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

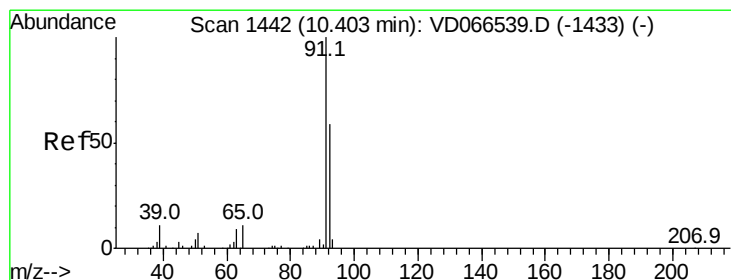
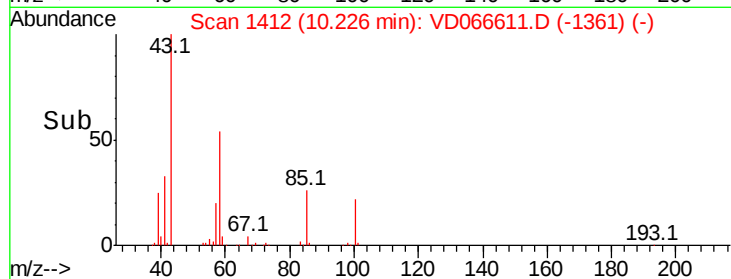
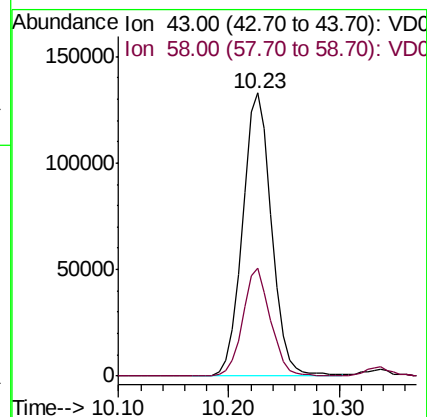
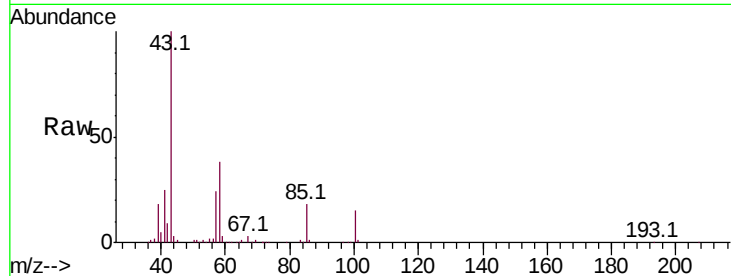
VD0910SBS01

Tot Ion: 43 Resp: 245457

Ion Ratio Lower Upper

43 100

58 36.4 30.5 45.7



#52

Toluene

Concen: 20.610 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066611.D

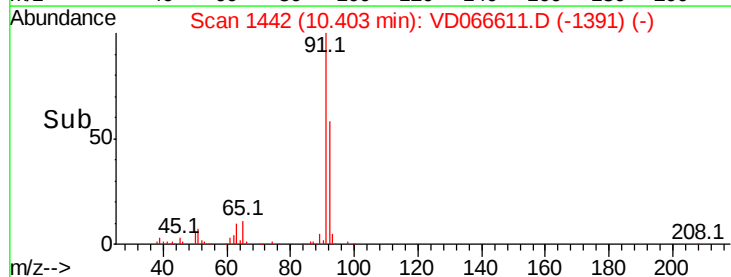
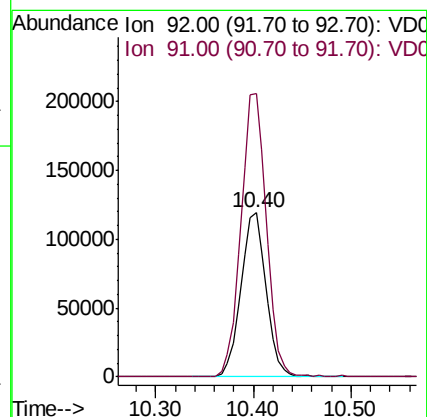
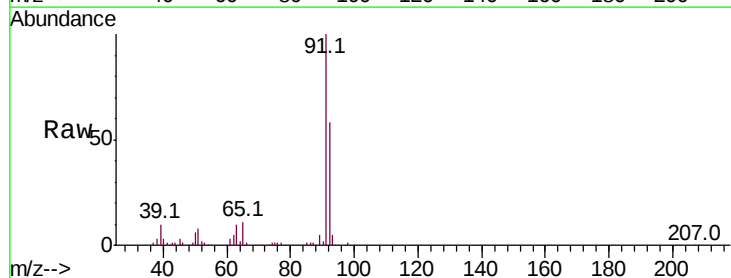
Acq: 10 Sep 2020 12:58

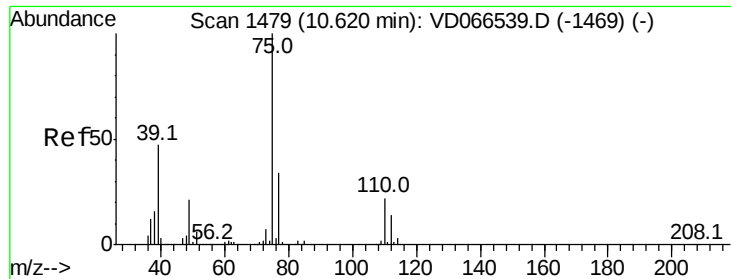
Tgt Ion: 92 Resp: 214662

Ion Ratio Lower Upper

92 100

91 174.4 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 20.524 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

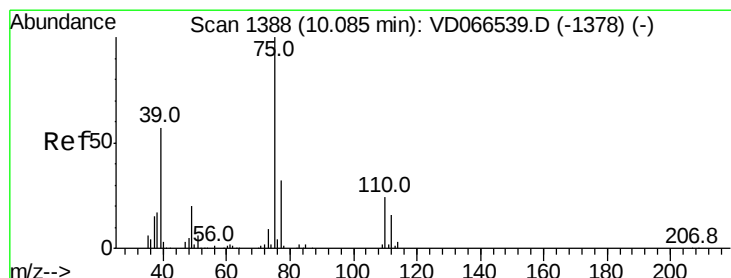
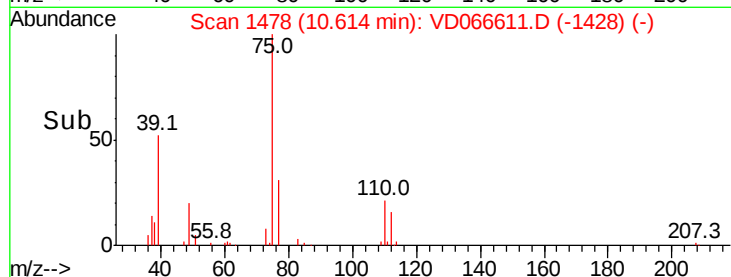
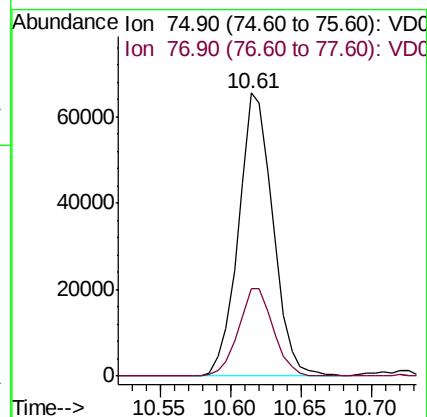
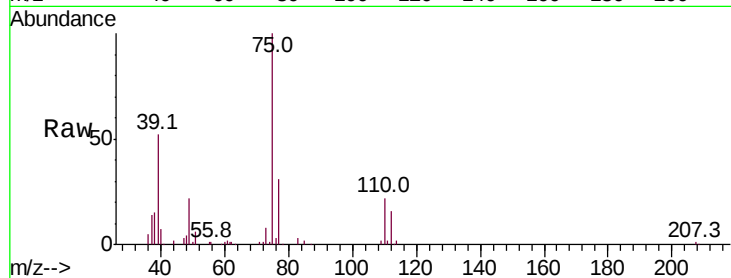
VD0910SBSD01

Tot Ion: 75 Resp: 111908

Ion Ratio Lower Upper

75 100

77 31.1 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 20.172 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

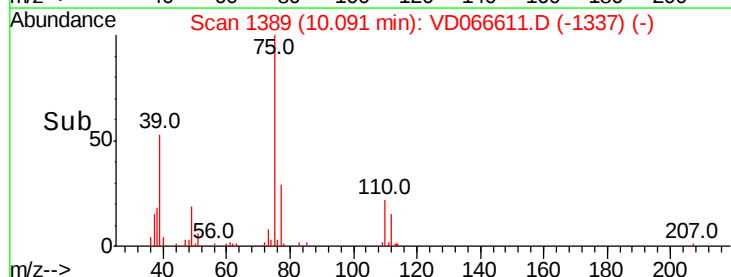
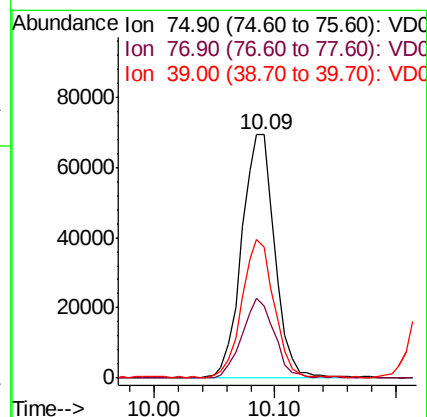
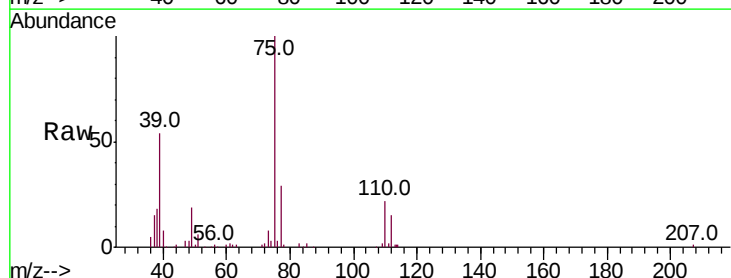
Tgt Ion: 75 Resp: 132079

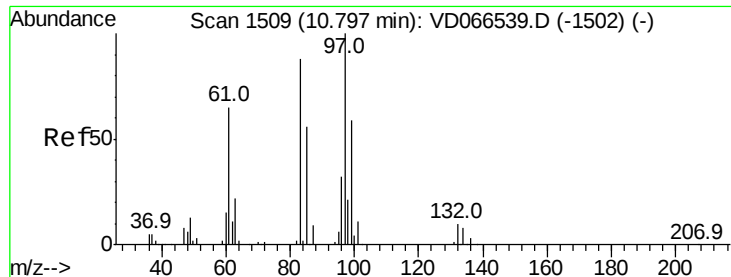
Ion Ratio Lower Upper

75 100

77 29.2 25.4 38.0

39 53.0 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 20.999 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

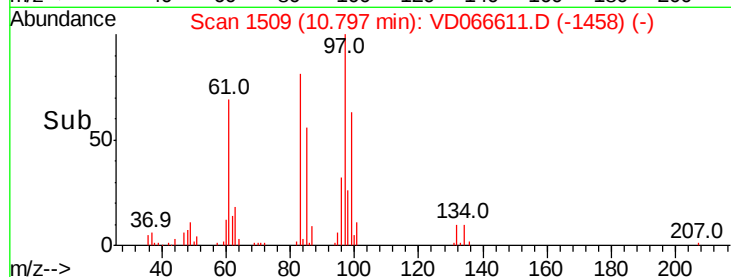
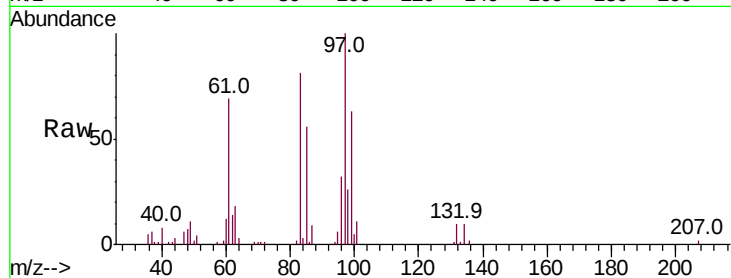
MSVOA_D

ClientSampleId :

VD0910SBSD01

Tot Ion: 97 Resp: 61637

Ion	Ratio	Lower	Upper
97	100		
83	80.8	70.1	105.1
85	55.7	44.5	66.7
99	62.8	47.1	70.7

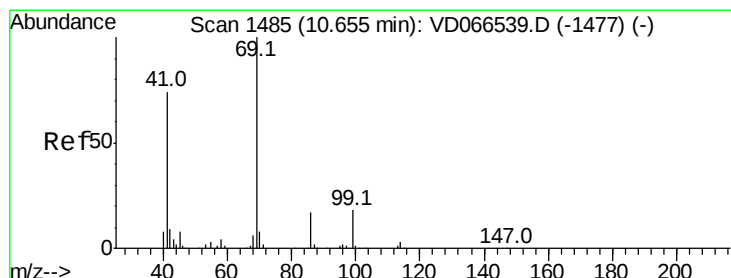
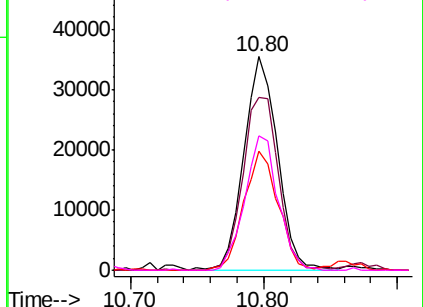


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 20.040 ug/l

RT: 10.66 min Scan# 1486

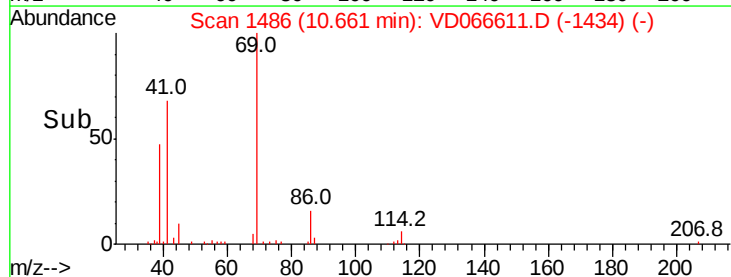
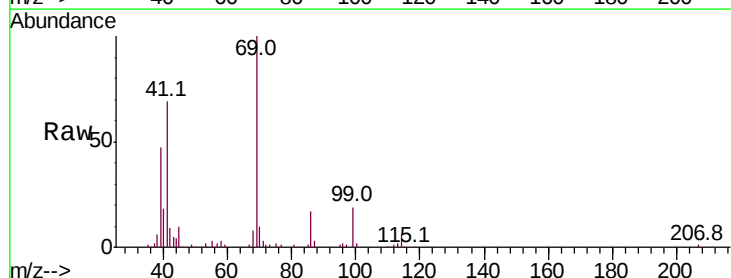
Delta R.T. 0.01 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Tgt Ion: 69 Resp: 68490

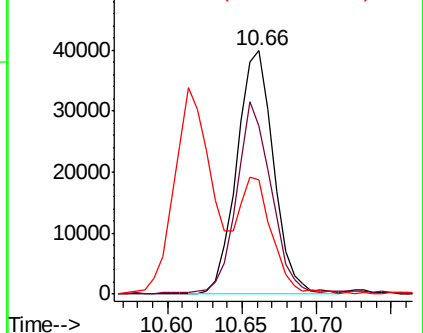
Ion	Ratio	Lower	Upper
69	100		
41	72.8	56.8	85.2
39	41.1	30.6	46.0

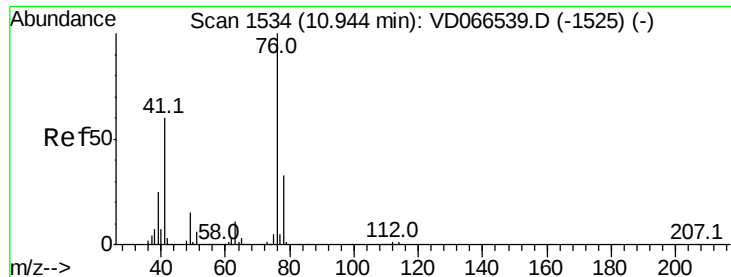


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 20.749 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

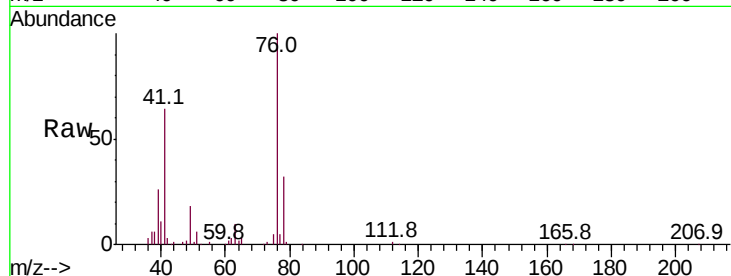
VD0910SBSD01

Tot Ion: 76 Resp: 106676

Ion Ratio Lower Upper

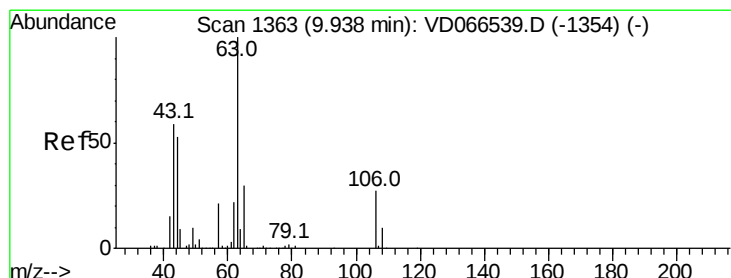
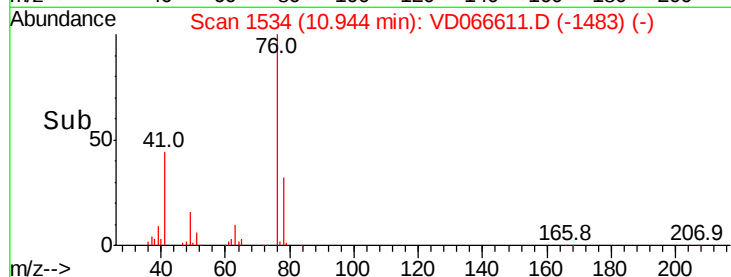
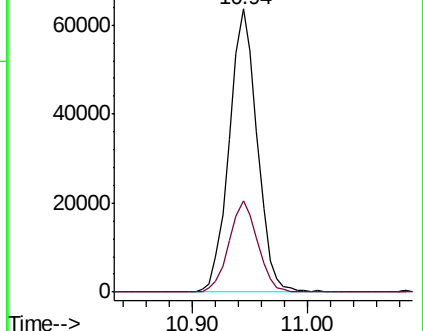
76 100

78 32.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 123.110 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066611.D

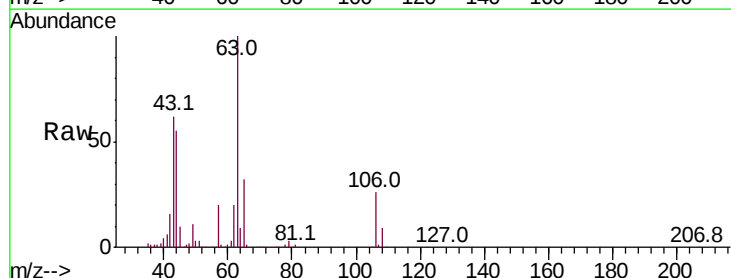
Acq: 10 Sep 2020 12:58

Tgt Ion: 63 Resp: 192448

Ion Ratio Lower Upper

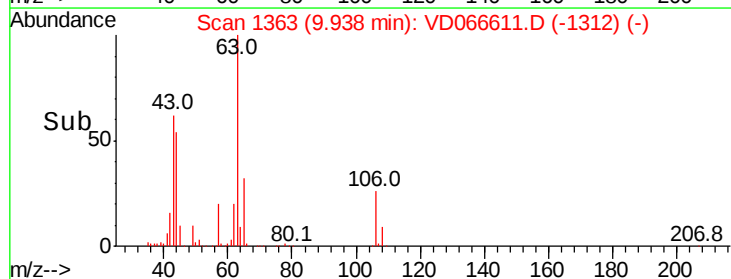
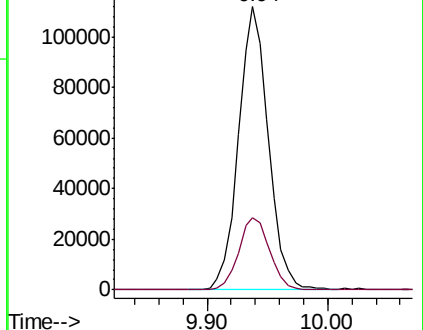
63 100

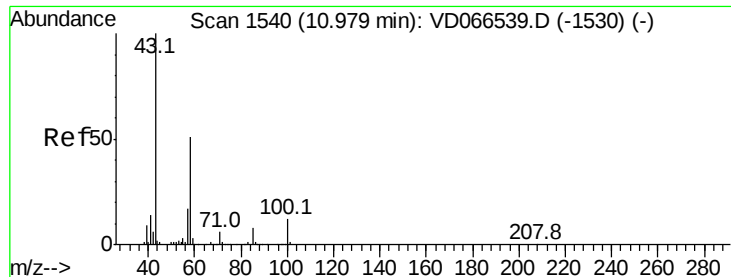
106 26.6 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

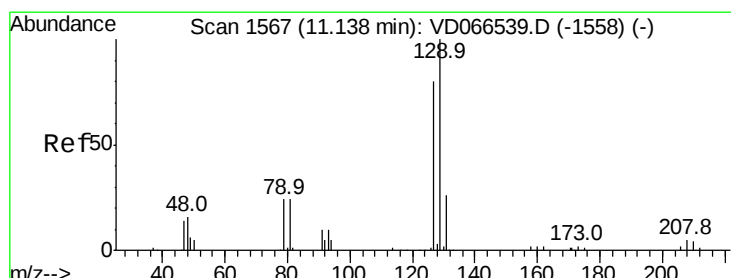
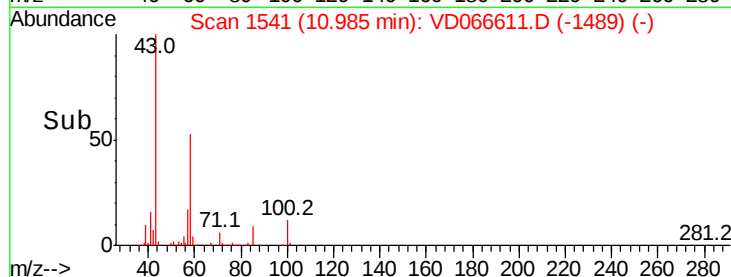
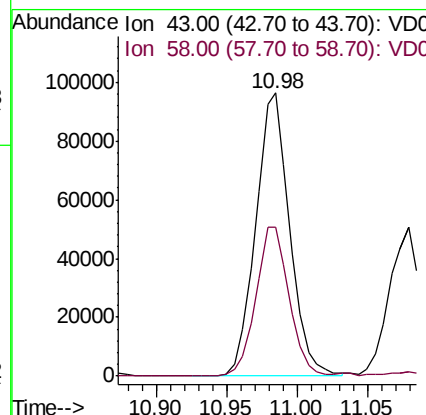
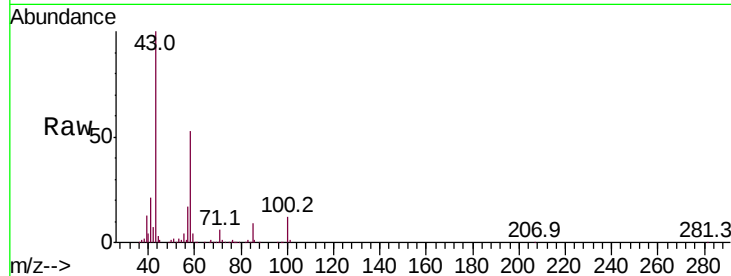




#59
2-Hexanone
Concen: 104.535 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

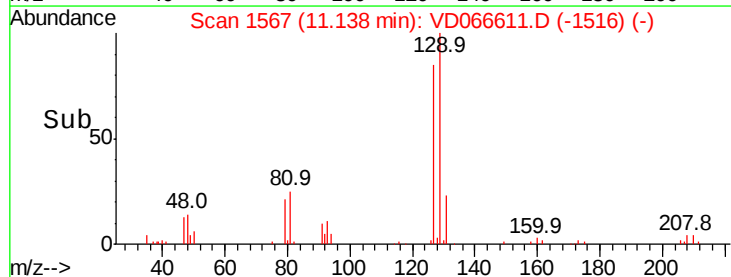
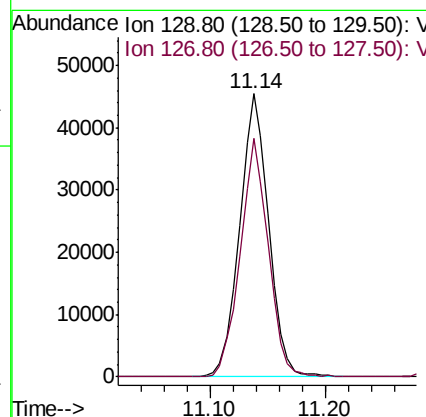
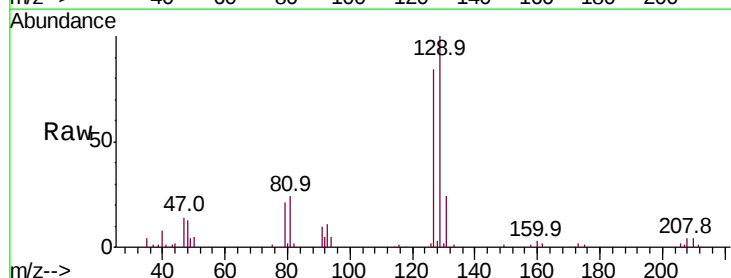
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

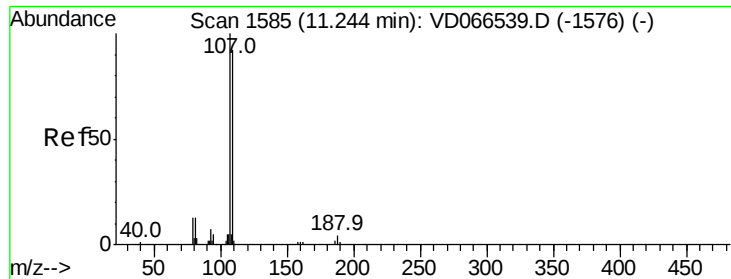
Tot Ion: 43 Resp: 162537
Ion Ratio Lower Upper
43 100
58 51.9 25.6 76.8



#60
Dibromochloromethane
Concen: 20.282 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion: 129 Resp: 78723
Ion Ratio Lower Upper
129 100
127 81.6 39.5 118.3

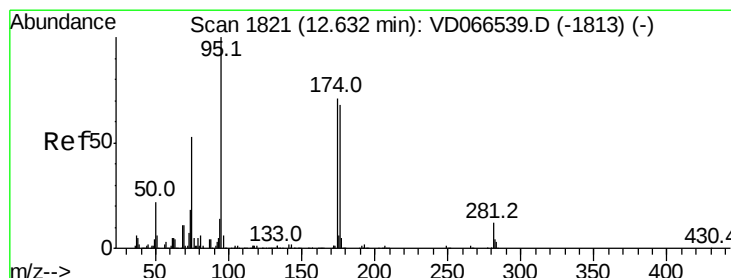
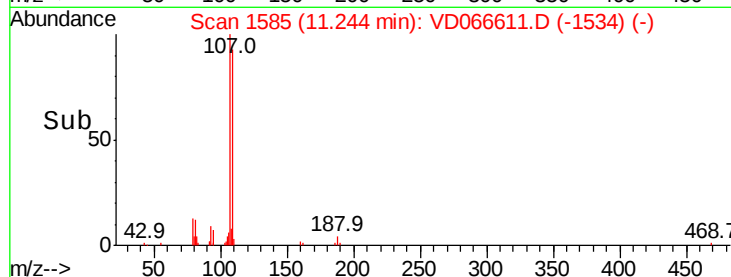
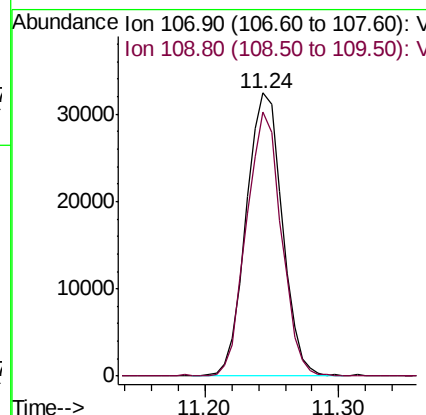
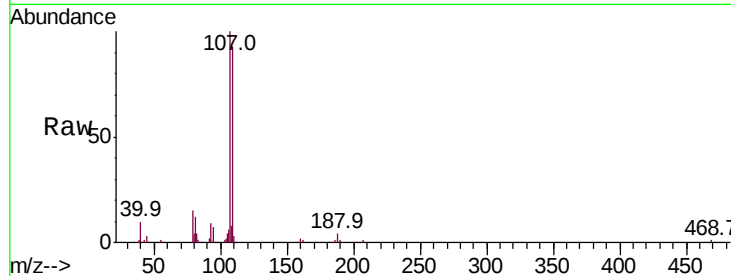




#61
 1,2-Dibromoethane
 Concen: 21.190 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066611.D
 Acq: 10 Sep 2020 12:58

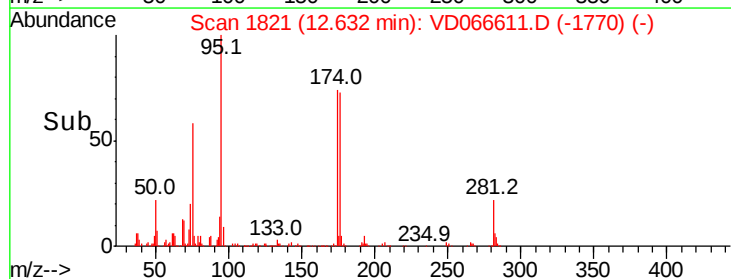
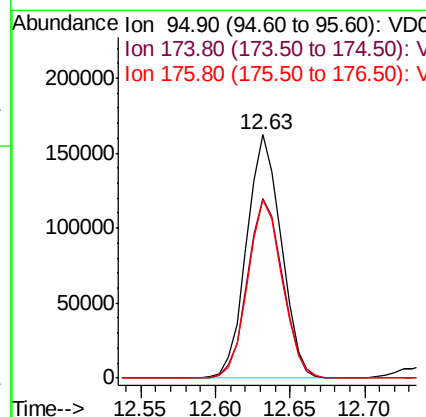
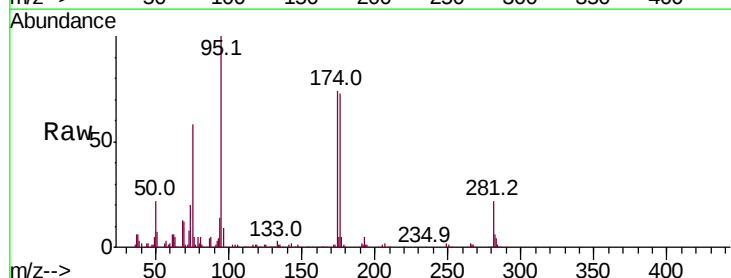
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD01

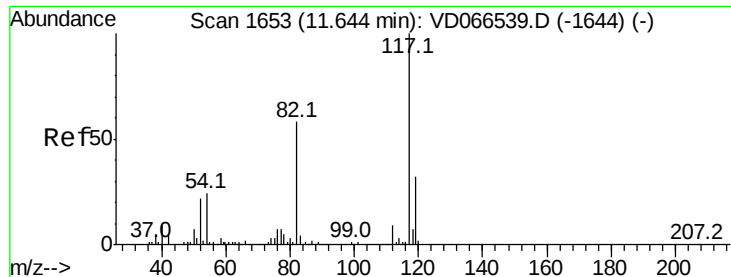
Tot Ion:107 Resp: 60511
 Ion Ratio Lower Upper
 107 100
 109 90.1 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 56.418 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066611.D
 Acq: 10 Sep 2020 12:58

Tgt Ion: 95 Resp: 260396
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 155.8
 176 72.9 0.0 148.6

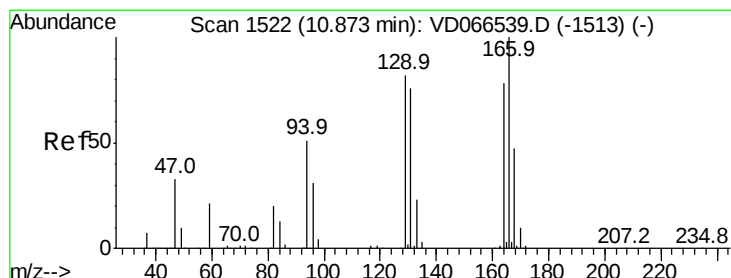
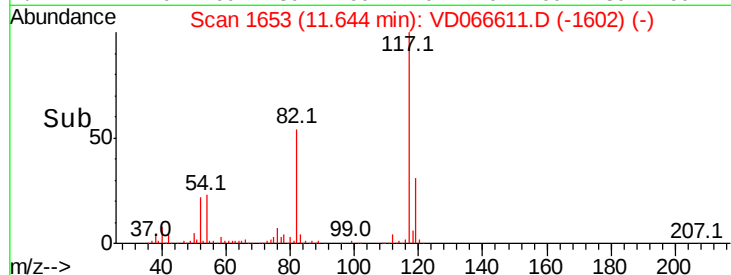
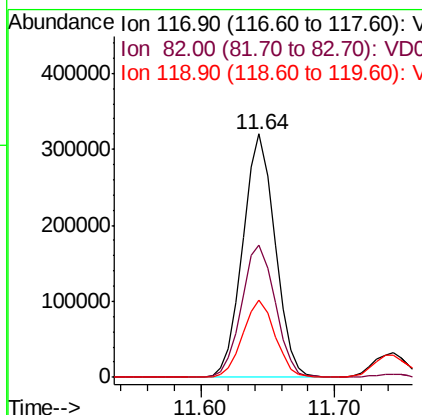
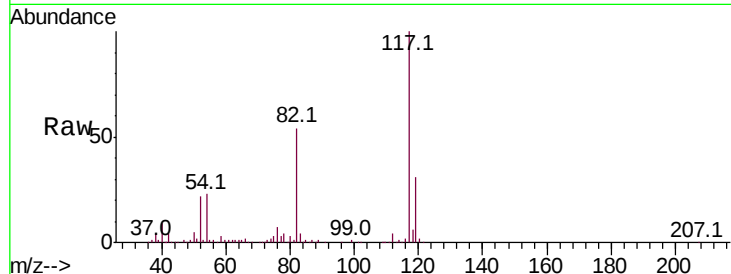




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

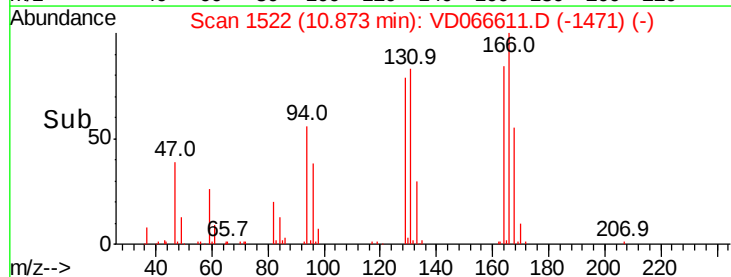
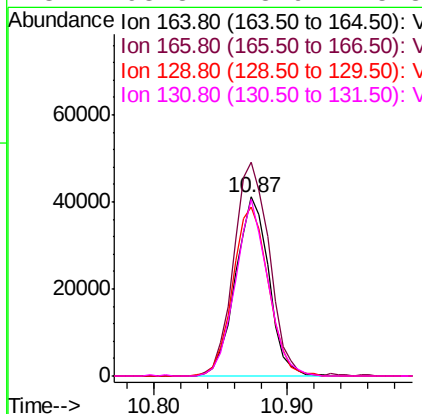
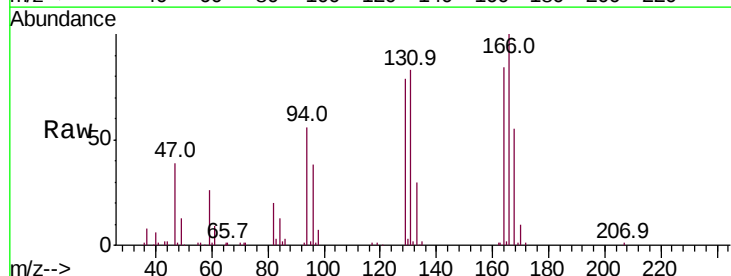
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

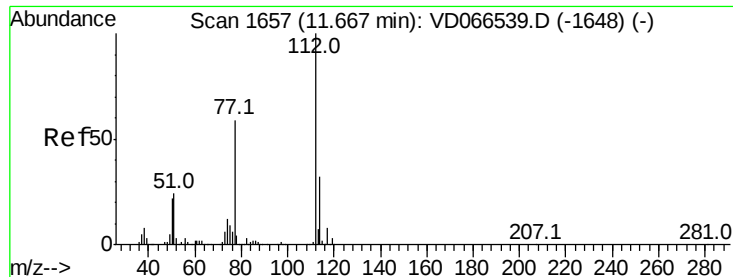
Tot Ion:117 Resp: 535831
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.2
119 31.5 25.8 38.8



#64
Tetrachloroethene
Concen: 19.688 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion:164 Resp: 71031
Ion Ratio Lower Upper
164 100
166 119.3 103.2 154.8
129 94.2 84.5 126.7
131 98.8 78.9 118.3

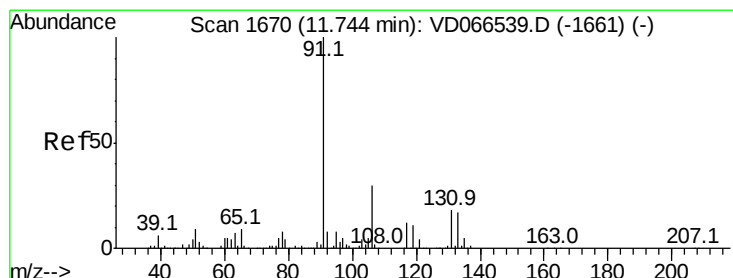
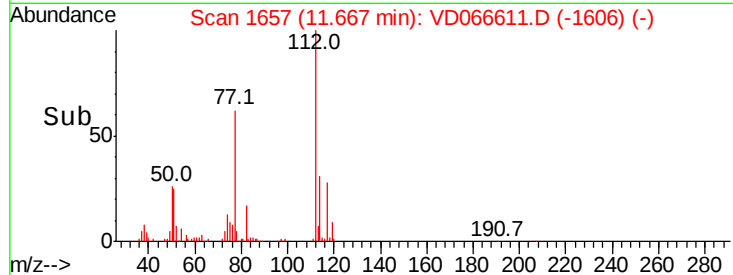
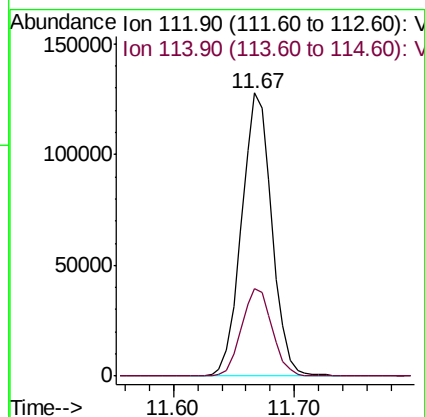
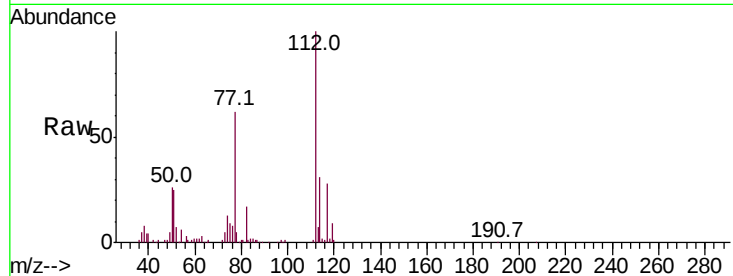




#65
Chlorobenzene
Concen: 20.117 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

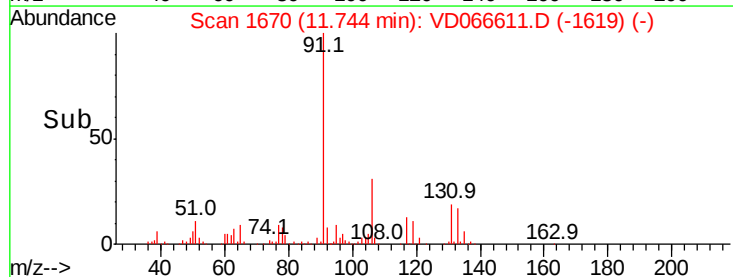
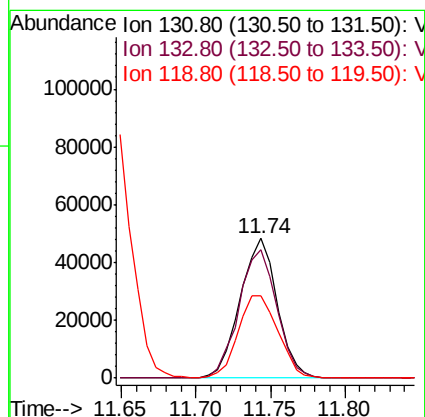
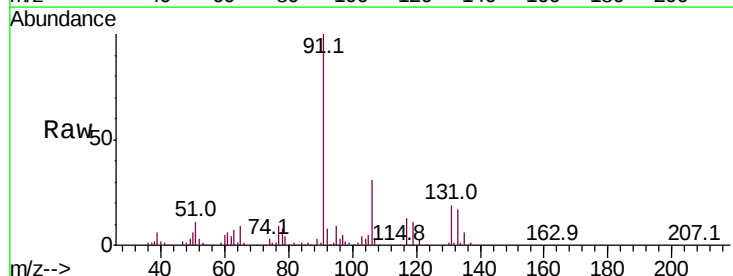
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

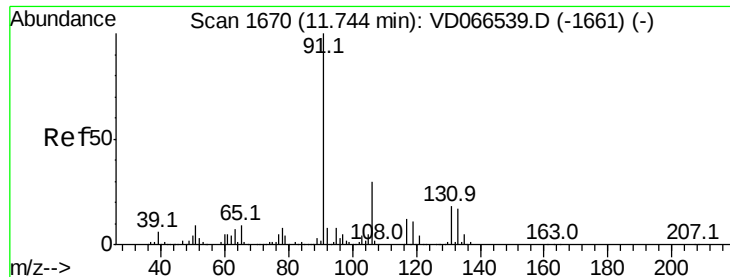
Tot Ion:112 Resp: 222474
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.753 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion:131 Resp: 83372
Ion Ratio Lower Upper
131 100
133 94.8 46.7 140.0
119 63.7 31.9 95.7





#67

Ethyl Benzene

Concen: 19.656 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

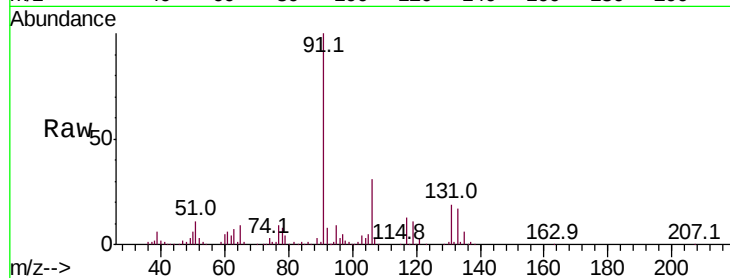
VD0910SBSD01

Tot Ion: 91 Resp: 399142

Ion Ratio Lower Upper

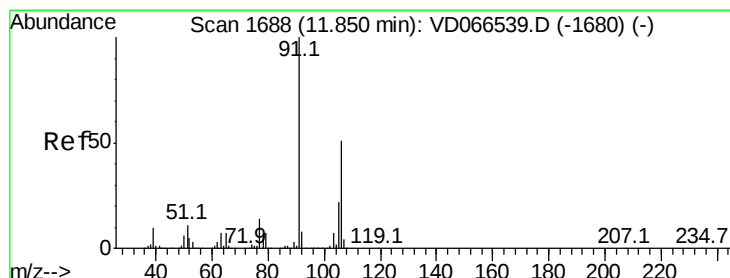
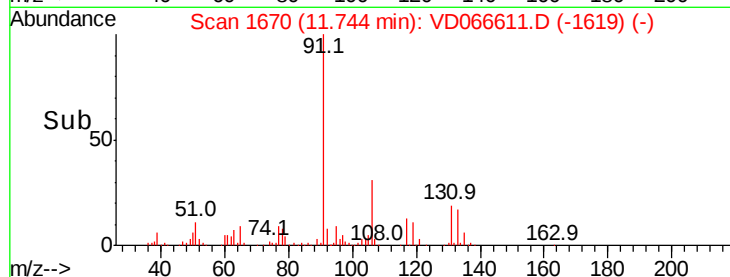
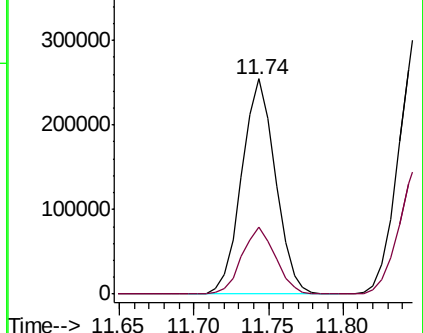
91 100

106 31.1 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.743 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066611.D

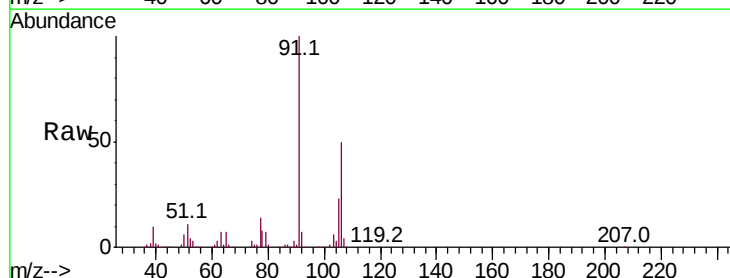
Acq: 10 Sep 2020 12:58

Tgt Ion: 106 Resp: 307198

Ion Ratio Lower Upper

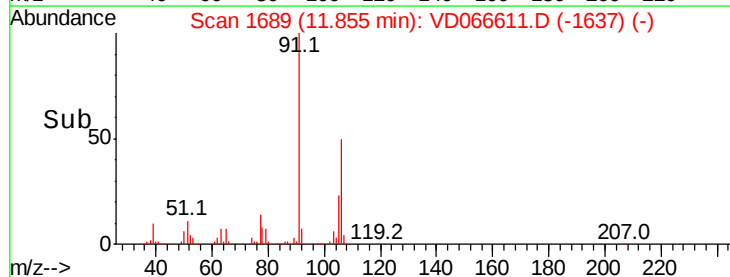
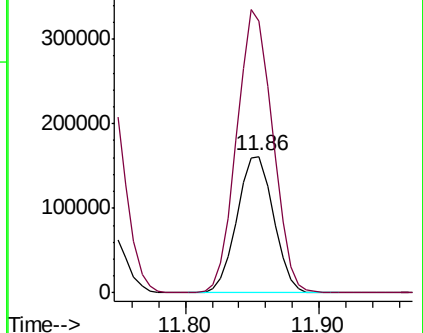
106 100

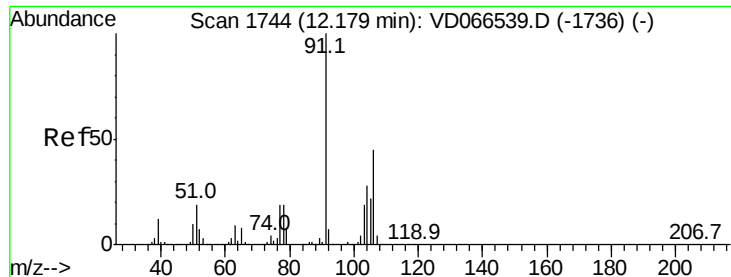
91 204.1 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

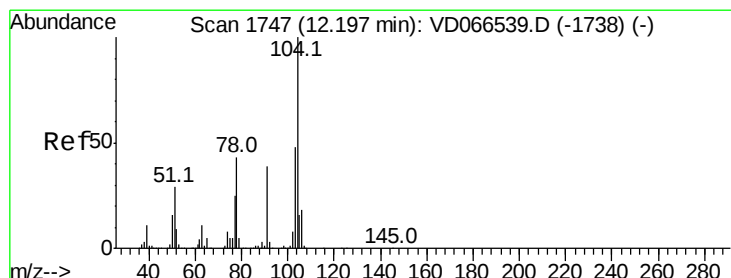
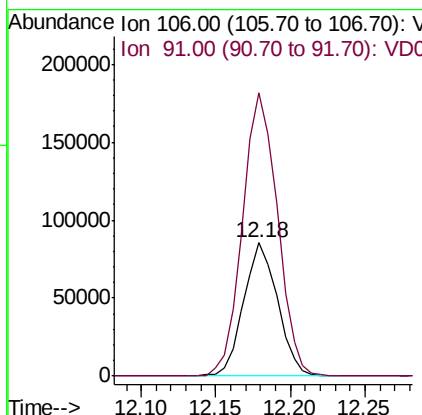
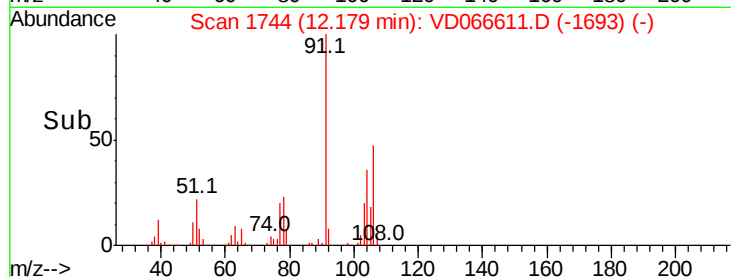
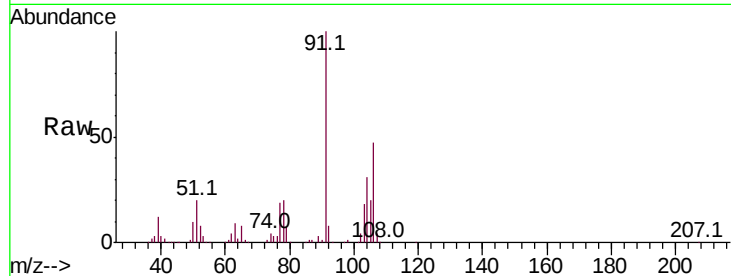




#69
o-Xylene
Concen: 19.907 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

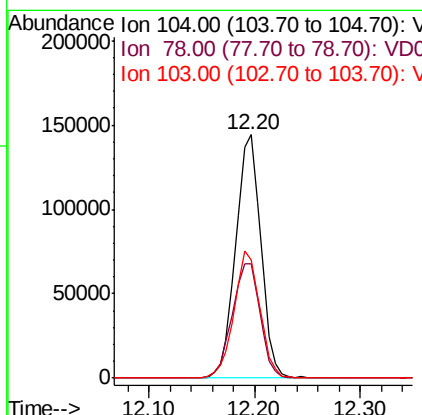
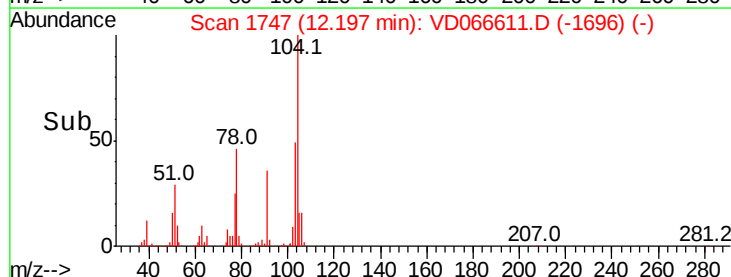
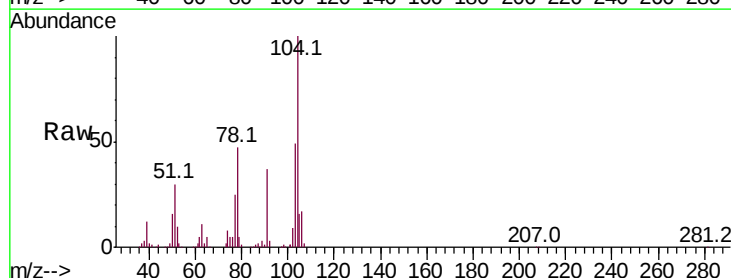
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS01

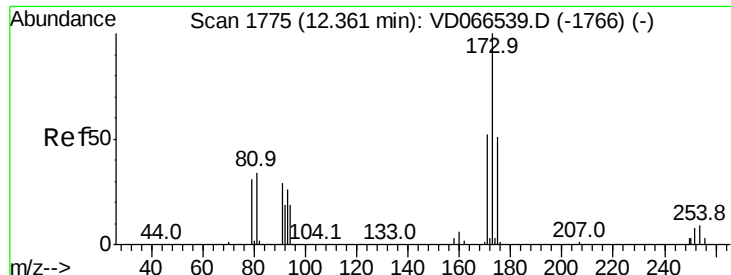
Tot Ion:106 Resp: 134520
Ion Ratio Lower Upper
106 100
91 219.7 107.9 323.8



#70
Styrene
Concen: 20.141 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion:104 Resp: 236614
Ion Ratio Lower Upper
104 100
78 52.6 40.7 61.1
103 53.6 42.9 64.3





#71

Bromoform

Concen: 20.730 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

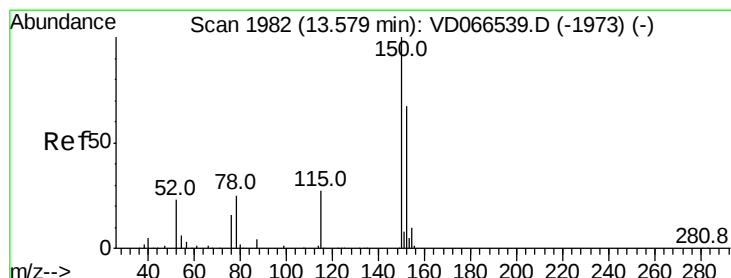
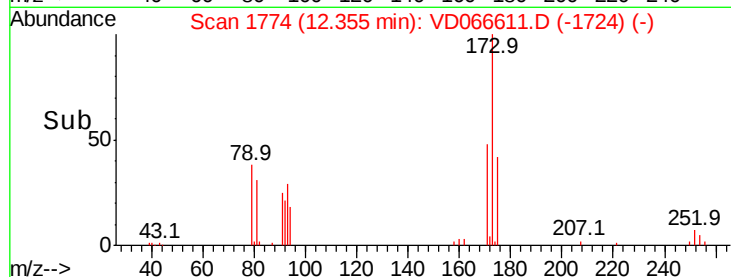
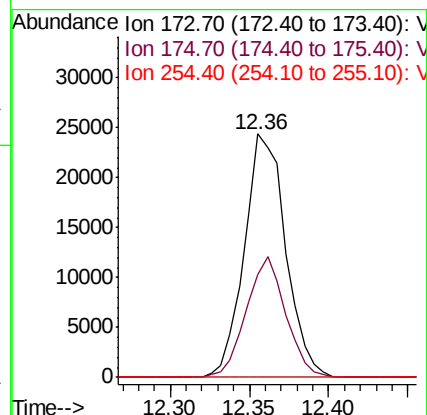
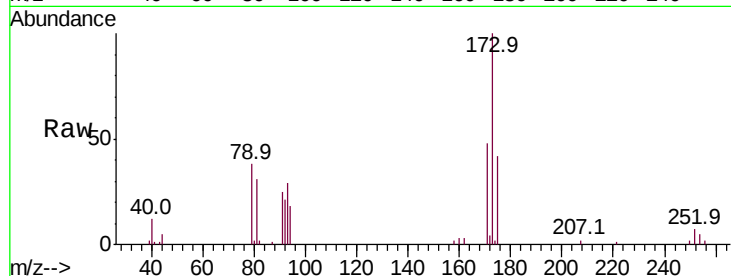
Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

Tot Ion:173 Resp: 44095

Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.2	72.6
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

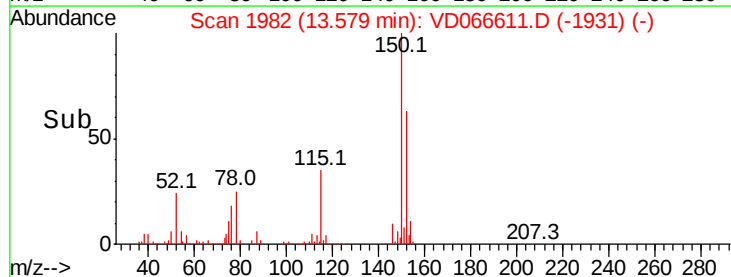
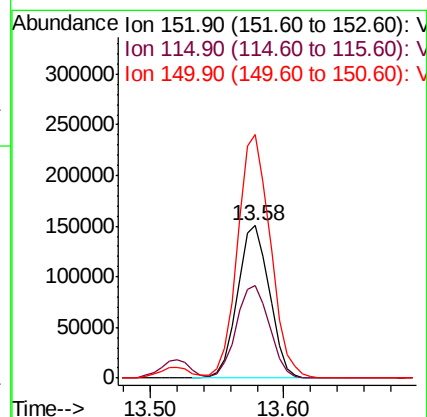
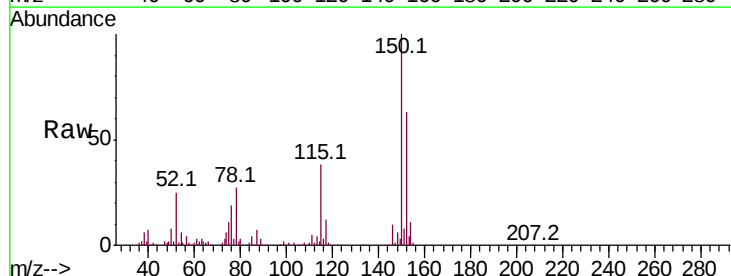
Delta R.T. 0.00 min

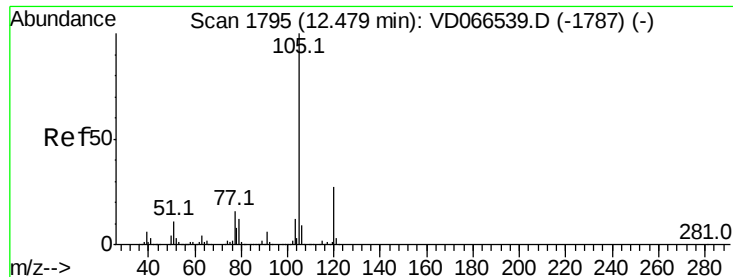
Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Tgt Ion:152 Resp: 249229

Ion	Ratio	Lower	Upper
152	100		
115	63.1	30.4	91.2
150	164.1	0.0	345.8





#73

Isopropylbenzene

Concen: 20.582 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

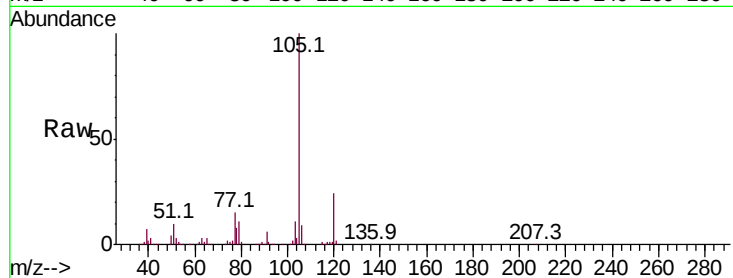
VD0910SBSD01

Tot Ion:105 Resp: 379784

Ion Ratio Lower Upper

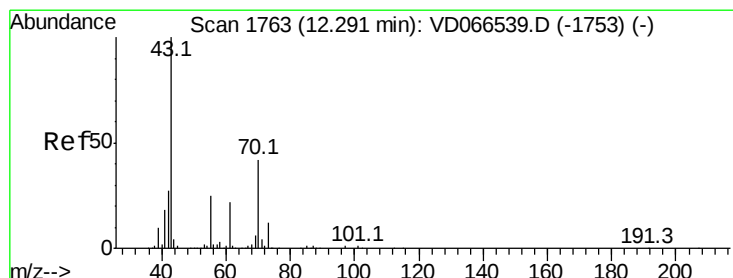
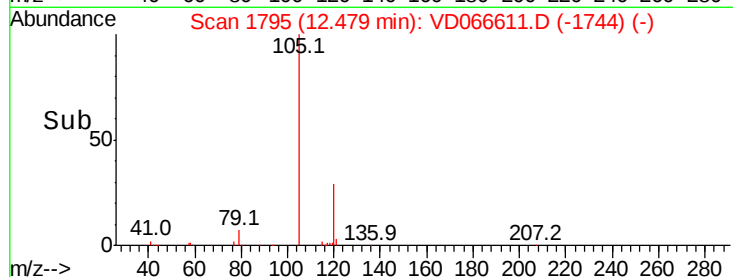
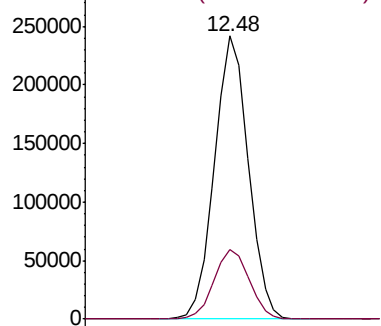
105 100

120 25.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.662 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Tgt Ion: 43 Resp: 82175

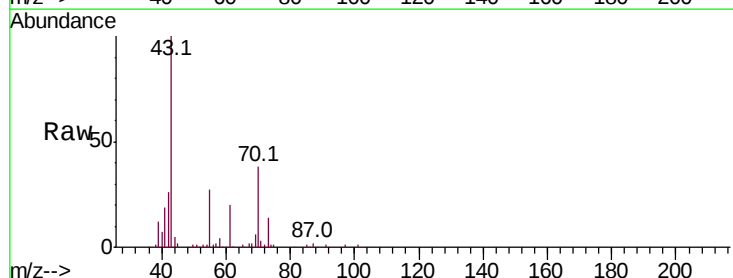
Ion Ratio Lower Upper

43 100

70 41.6 33.4 50.2

55 27.8 20.1 30.1

61 22.4 18.2 27.2

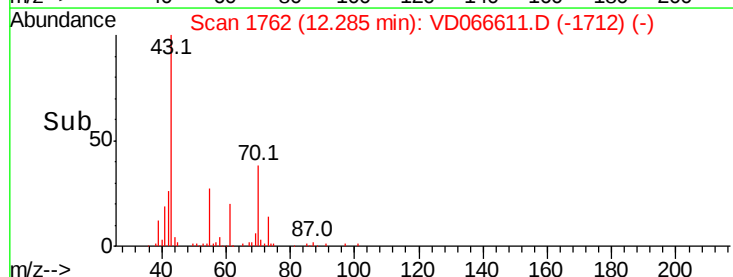
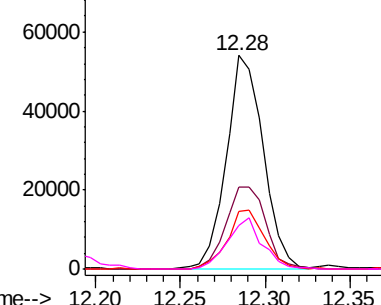


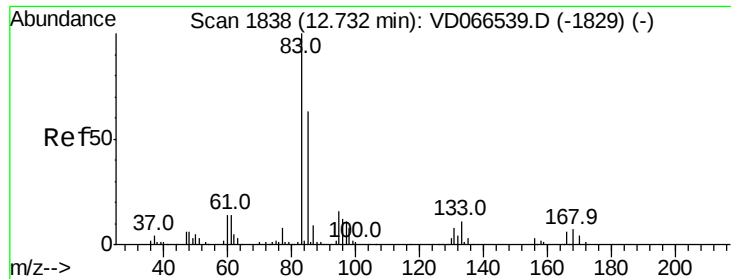
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.927 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD01

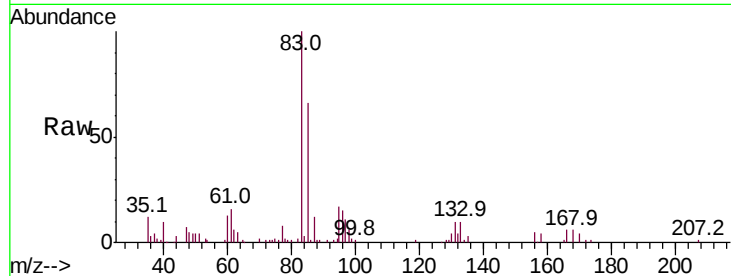
Tot Ion: 83 Resp: 68220

Ion Ratio Lower Upper

83 100

131 11.1 5.0 15.0

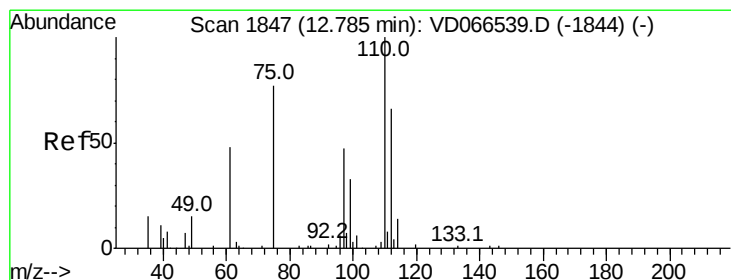
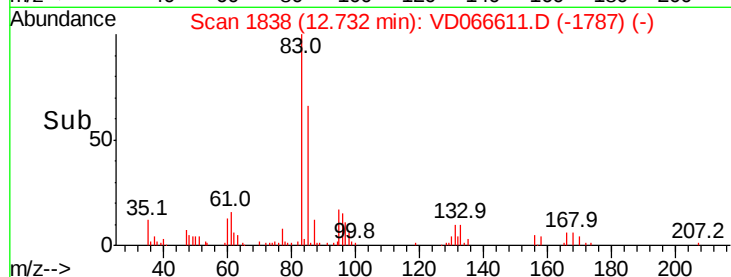
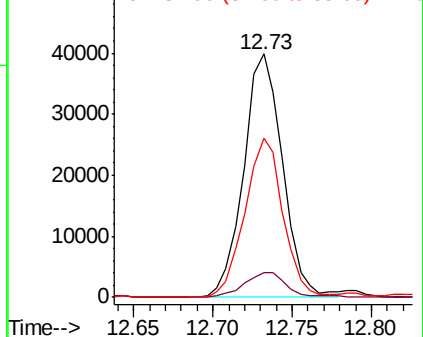
85 64.4 32.1 96.3



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: 37.286 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066611.D

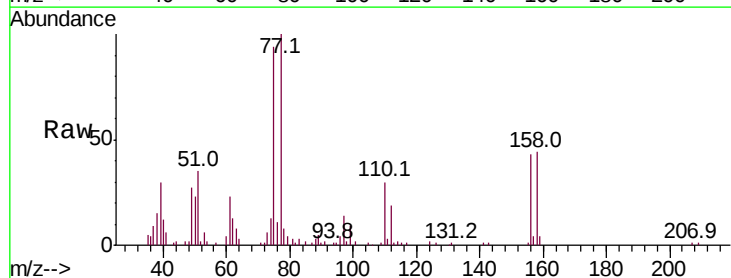
Acq: 10 Sep 2020 12:58

Tgt Ion: 75 Resp: 89372

Ion Ratio Lower Upper

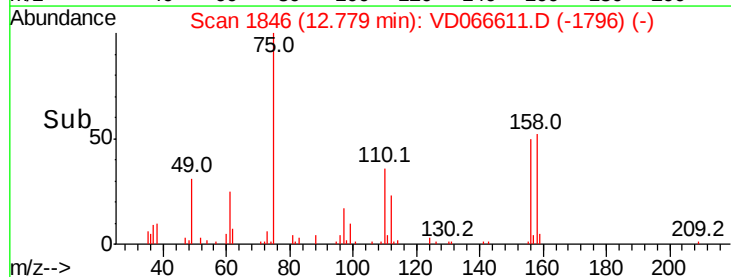
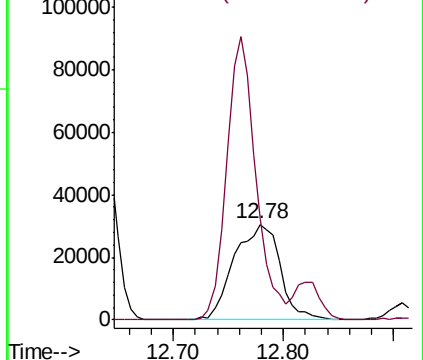
75 100

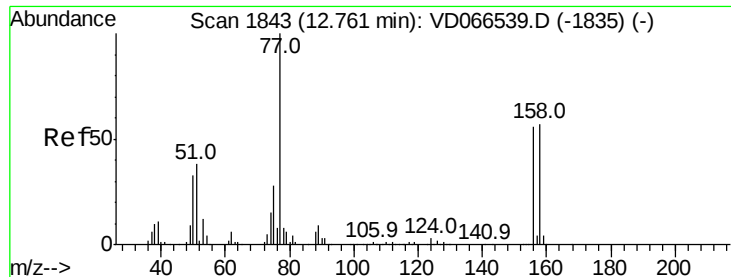
77 188.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.278 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS01

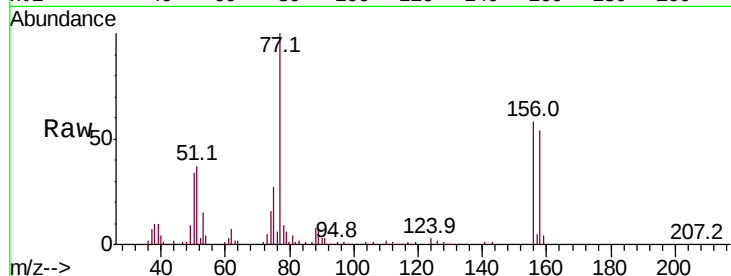
Tot Ion:156 Resp: 87534

Ion Ratio Lower Upper

156 100

77 192.0 98.0 294.1

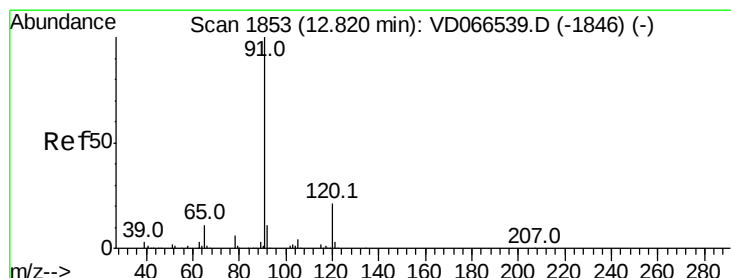
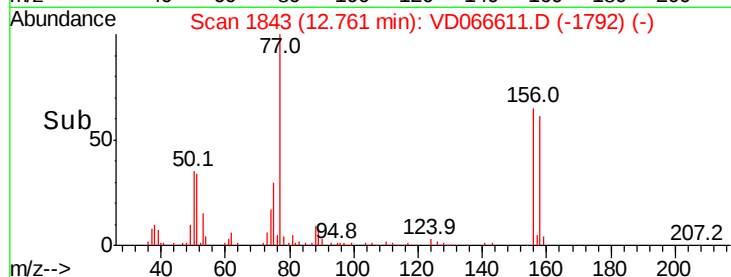
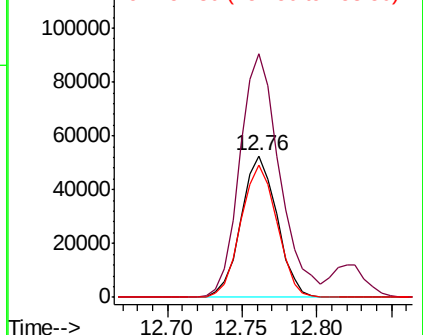
158 93.8 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.735 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066611.D

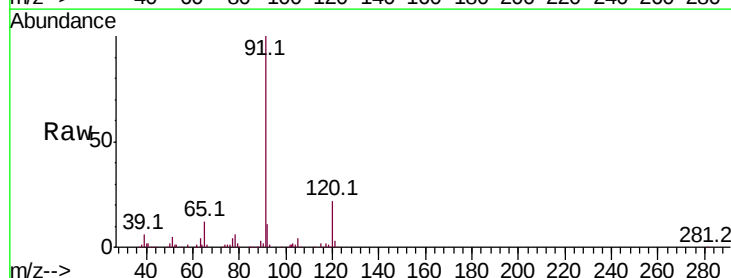
Acq: 10 Sep 2020 12:58

Tgt Ion: 91 Resp: 463835

Ion Ratio Lower Upper

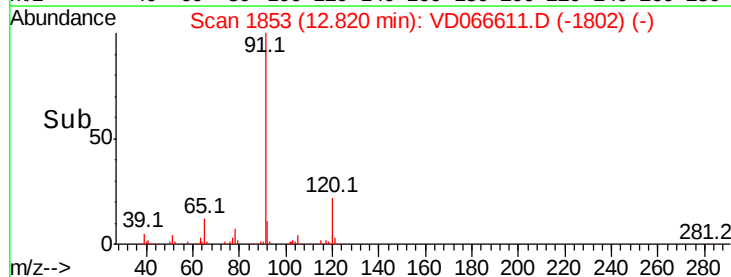
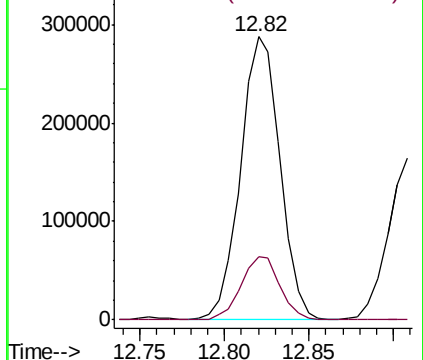
91 100

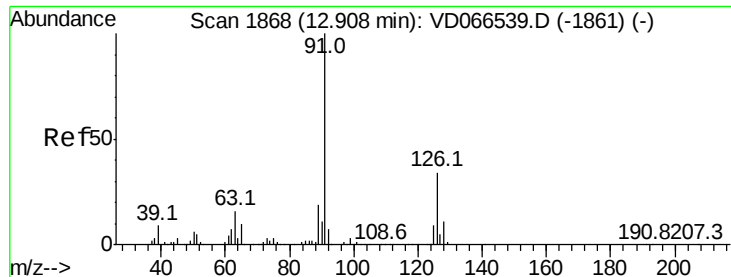
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.867 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

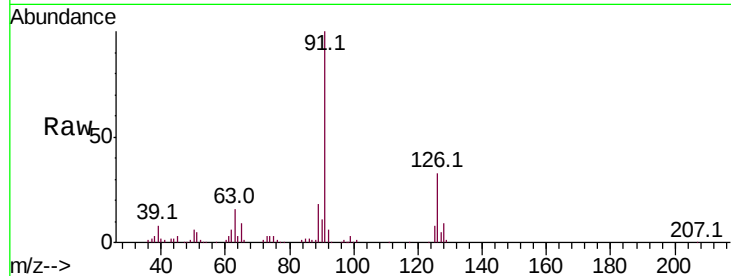
VD0910SBSD01

Tot Ion: 91 Resp: 261860

Ion Ratio Lower Upper

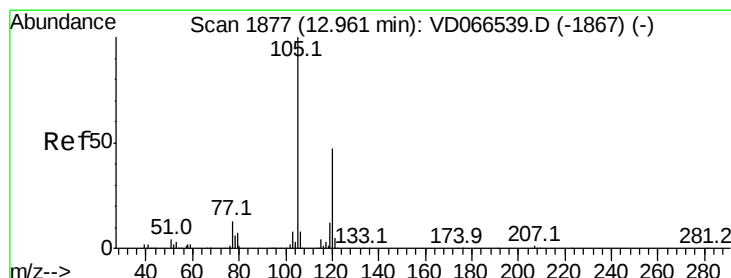
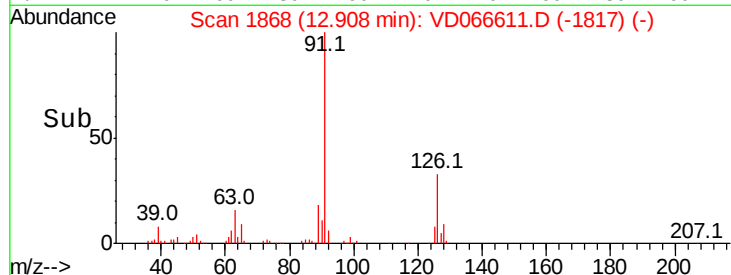
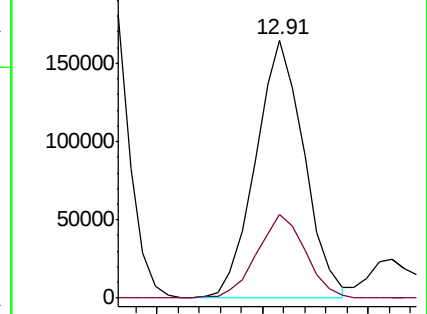
91 100

126 32.4 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.846 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066611.D

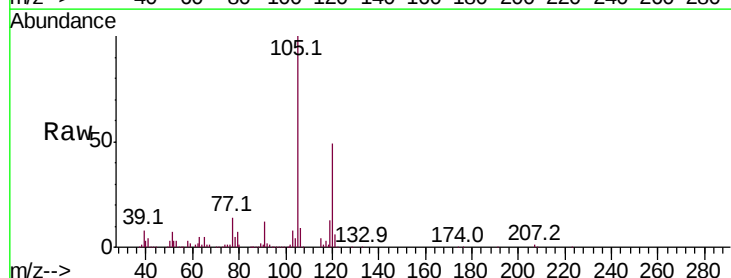
Acq: 10 Sep 2020 12:58

Tgt Ion:105 Resp: 323756

Ion Ratio Lower Upper

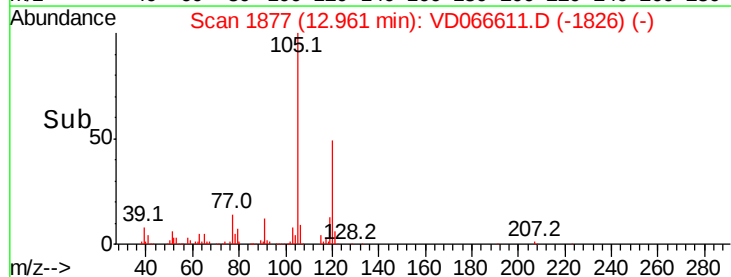
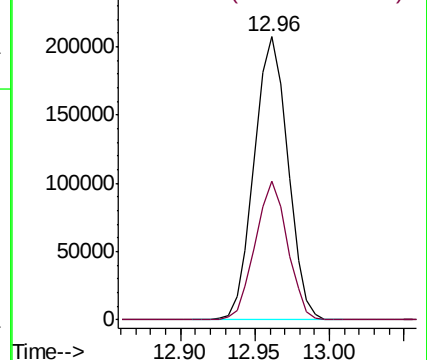
105 100

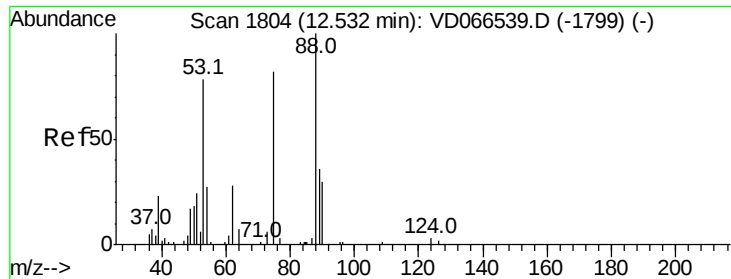
120 47.1 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.269 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD01

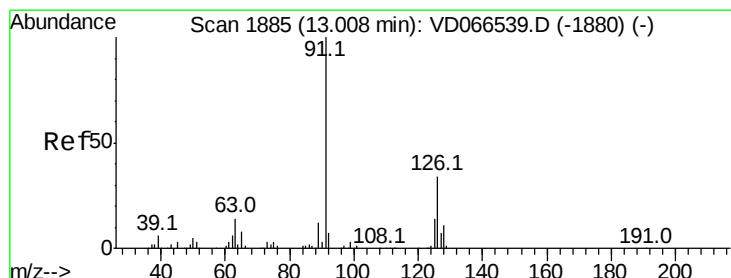
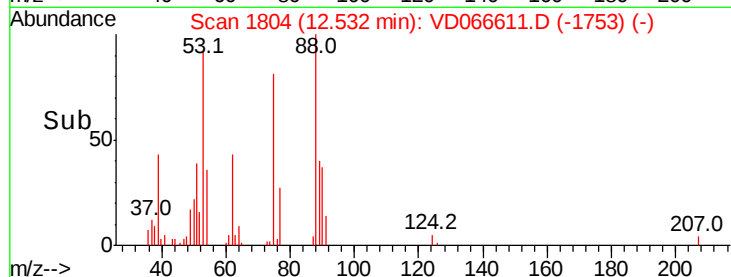
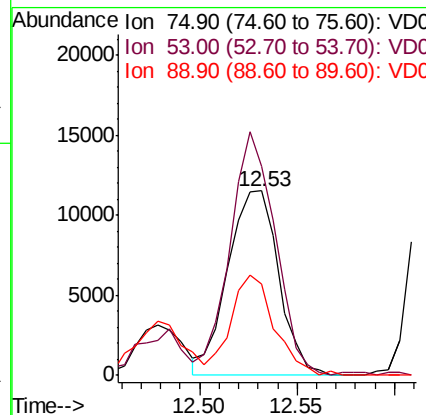
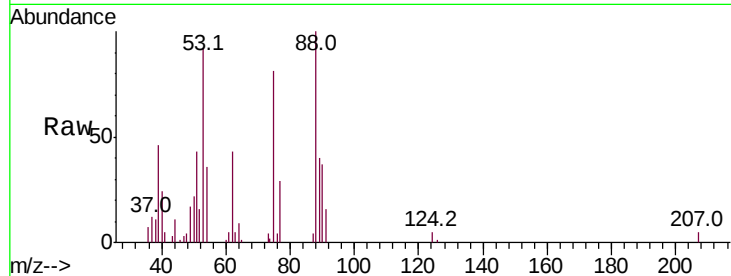
Tot Ion: 75 Resp: 20810

Ion Ratio Lower Upper

75 100

53 117.3 87.0 130.4

89 47.1 37.1 55.7



#82

4-Chlorotoluene

Concen: 20.563 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066611.D

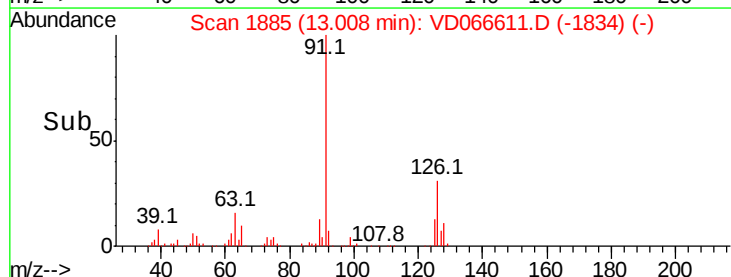
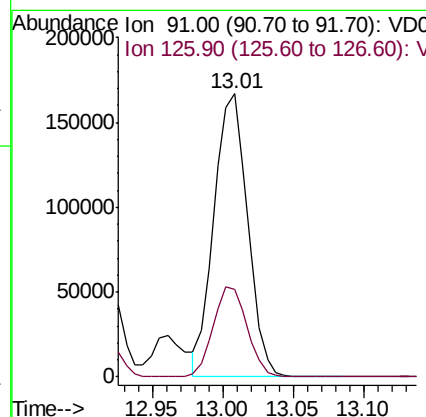
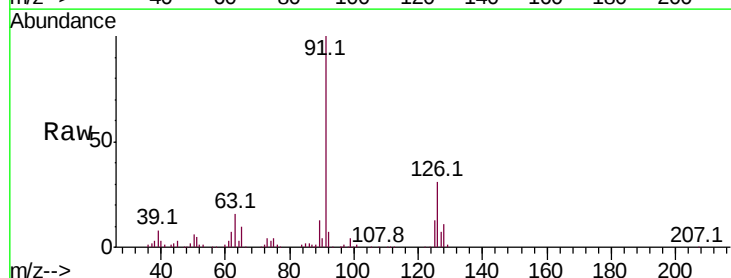
Acq: 10 Sep 2020 12:58

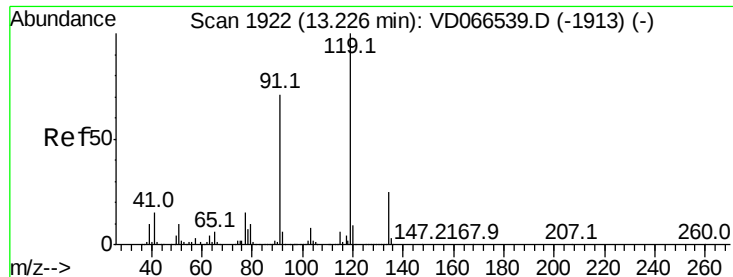
Tgt Ion: 91 Resp: 275948

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.1

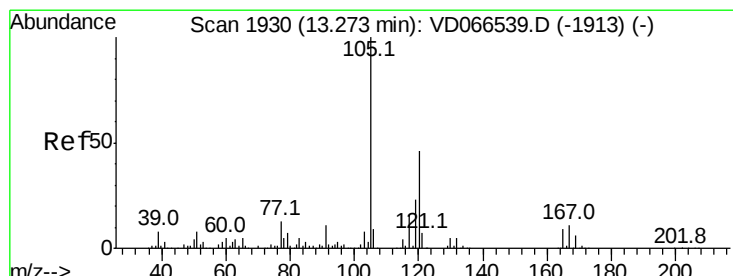
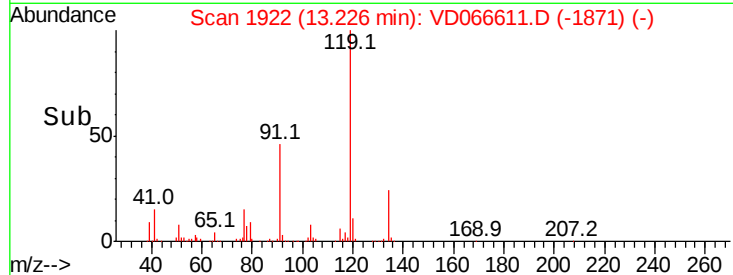
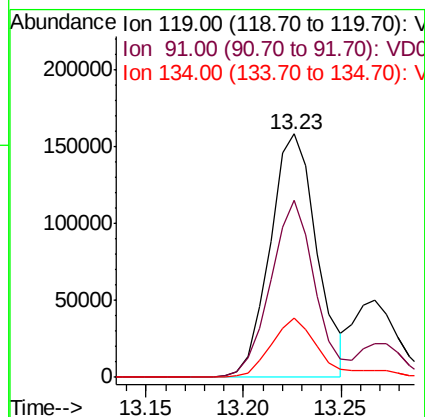
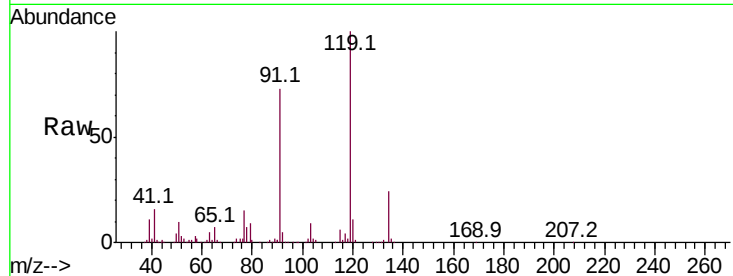




#83
tert-Butylbenzene
Concen: 20.718 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

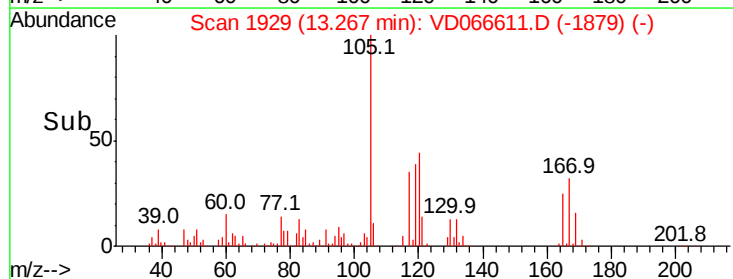
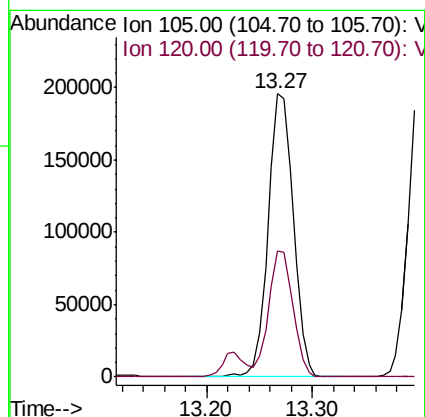
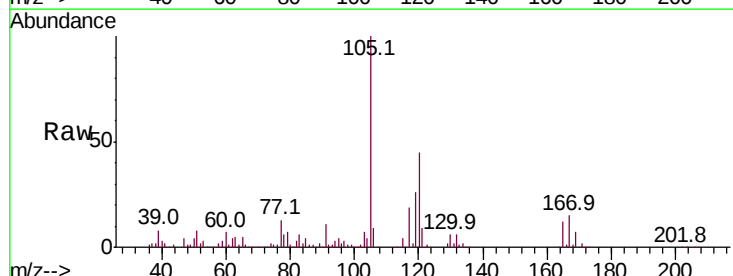
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

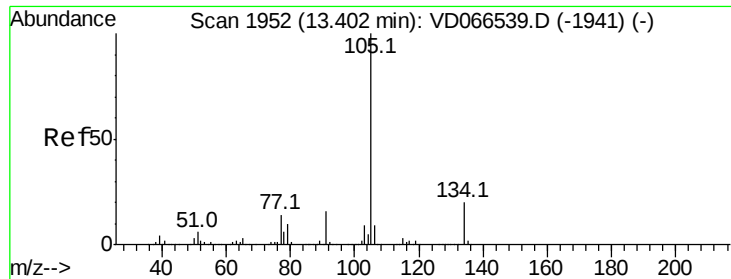
Tot Ion:119 Resp: 262759
Ion Ratio Lower Upper
119 100
91 69.4 35.2 105.6
134 26.0 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 20.978 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion:105 Resp: 324385
Ion Ratio Lower Upper
105 100
120 42.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.192 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleID :

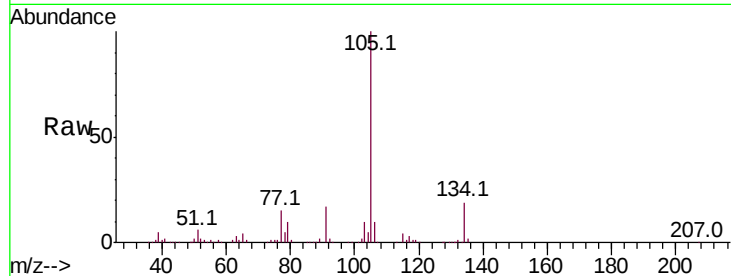
VD0910SBSD01

Tot Ion:105 Resp: 368960

Ion Ratio Lower Upper

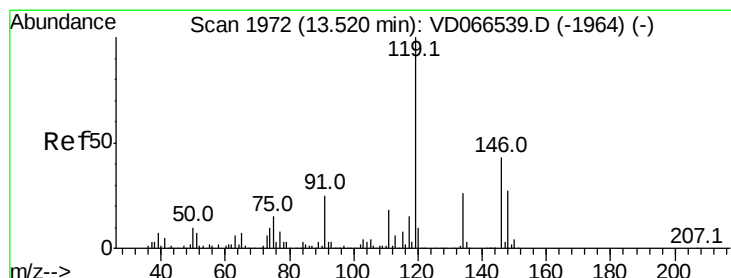
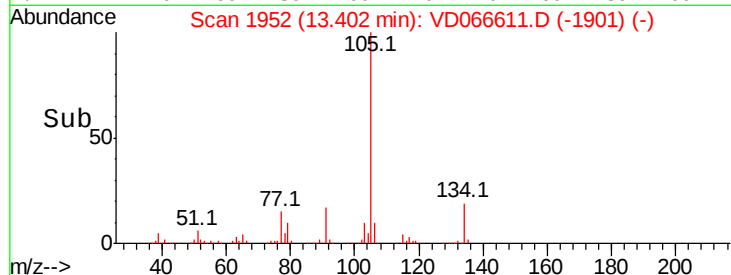
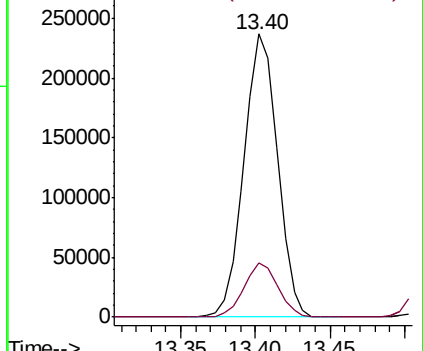
105 100

134 19.4 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.753 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066611.D

Acq: 10 Sep 2020 12:58

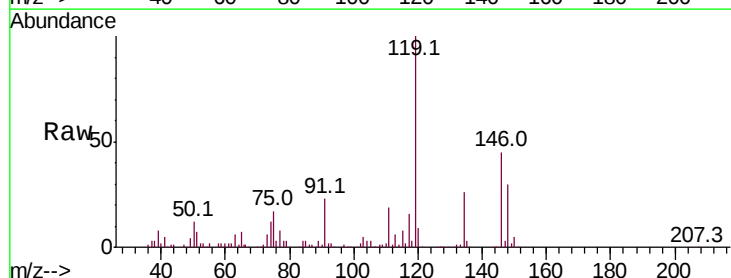
Tgt Ion:119 Resp: 341317

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

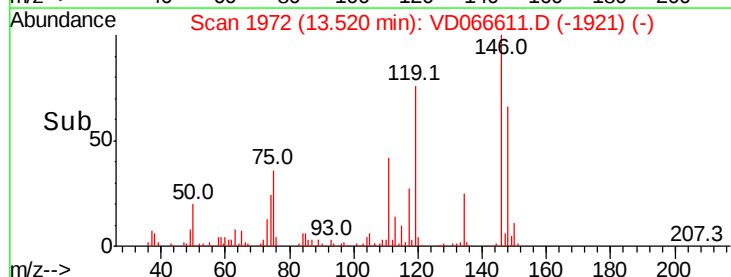
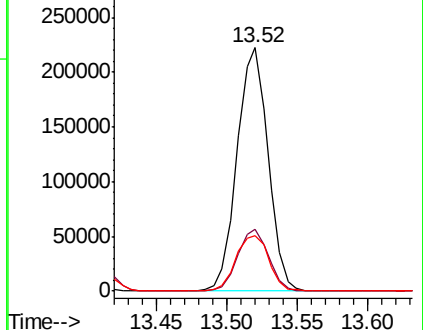
91 24.2 12.5 37.5

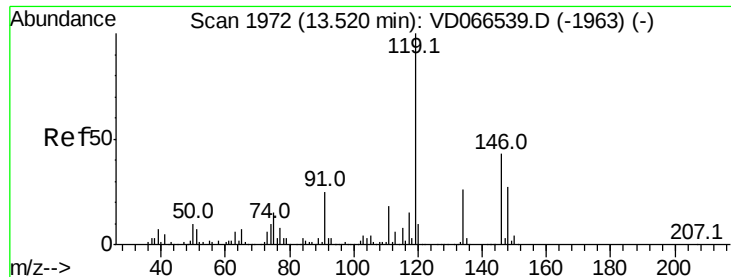


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

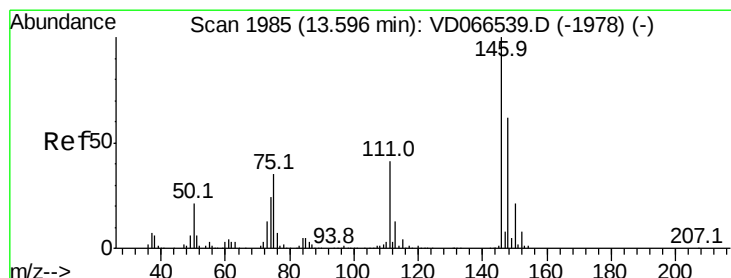
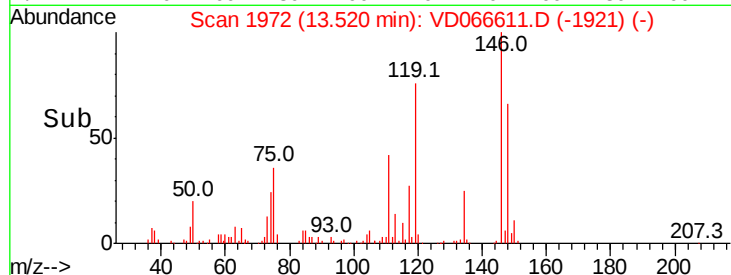
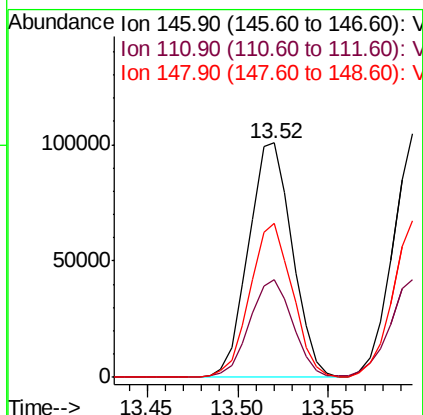
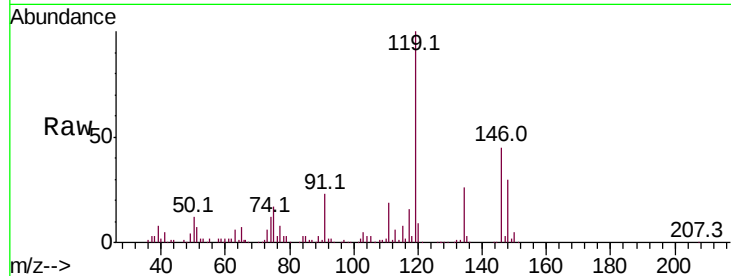




#87
 1,3-Dichlorobenzene
 Concen: 20.755 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066611.D
 Acq: 10 Sep 2020 12:58

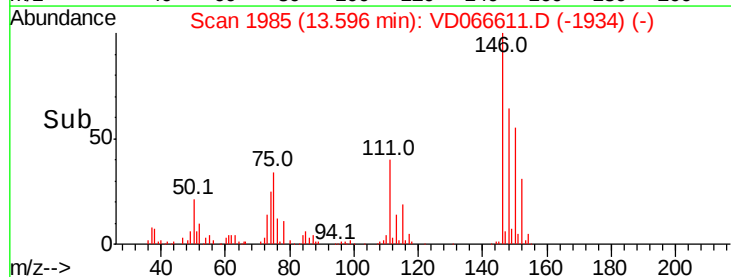
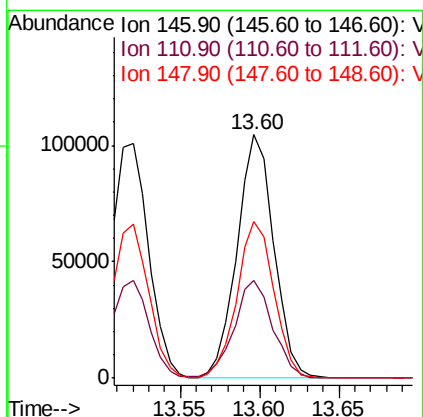
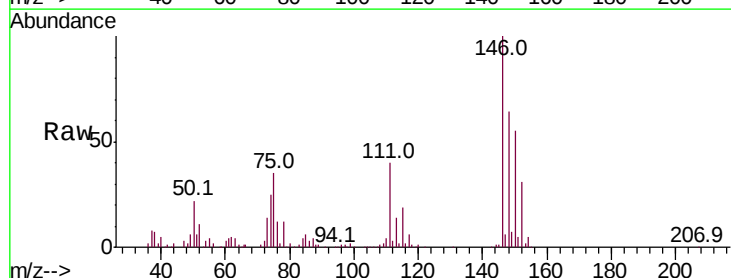
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD01

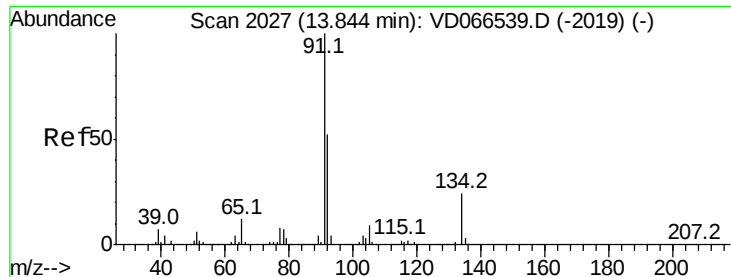
Tot Ion:146 Resp: 169509
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.6 61.9
 148 63.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.557 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066611.D
 Acq: 10 Sep 2020 12:58

Tgt Ion:146 Resp: 168511
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.1 60.2
 148 64.7 31.6 94.8

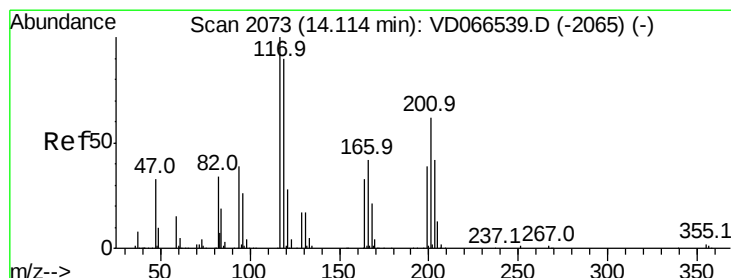
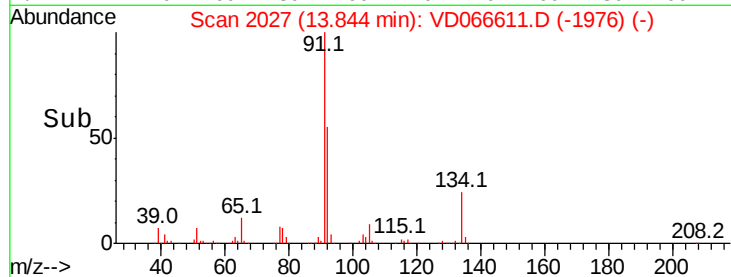
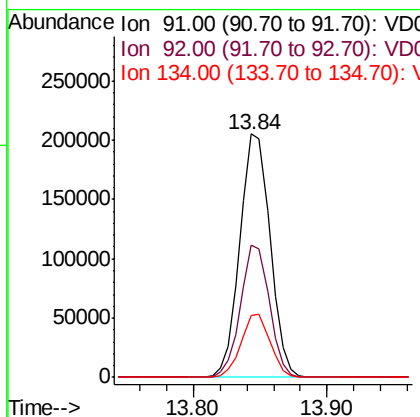
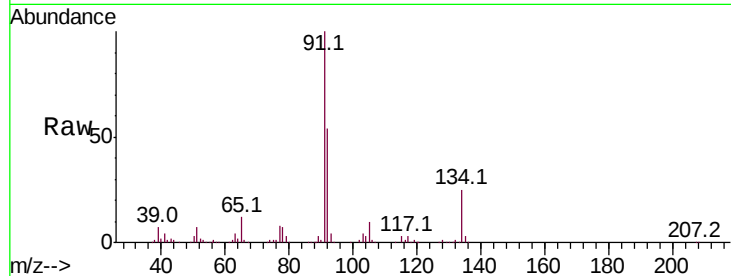




#89
n-Butylbenzene
Concen: 20.106 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

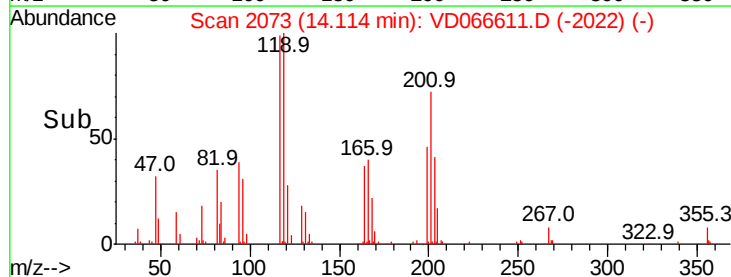
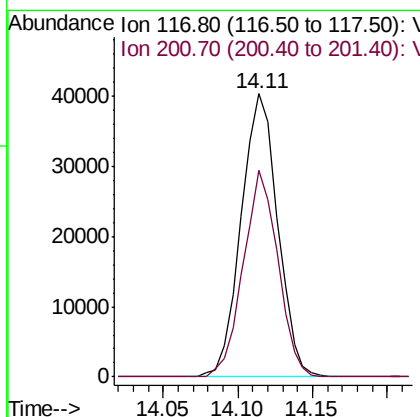
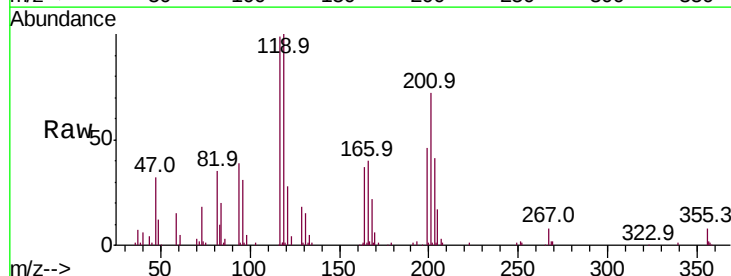
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

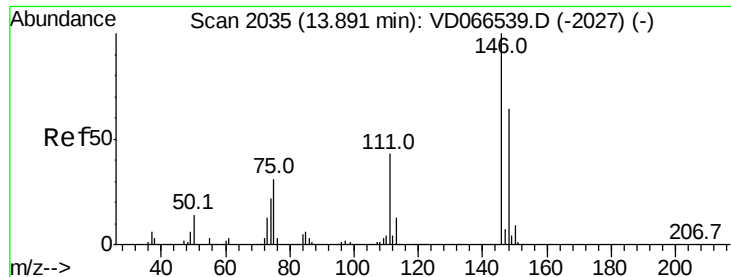
Tot Ion: 91 Resp: 322234
Ion Ratio Lower Upper
91 100
92 51.8 26.5 79.5
134 24.8 12.1 36.3



#90
Hexachloroethane
Concen: 19.255 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion: 117 Resp: 68233
Ion Ratio Lower Upper
117 100
201 69.3 31.9 95.5

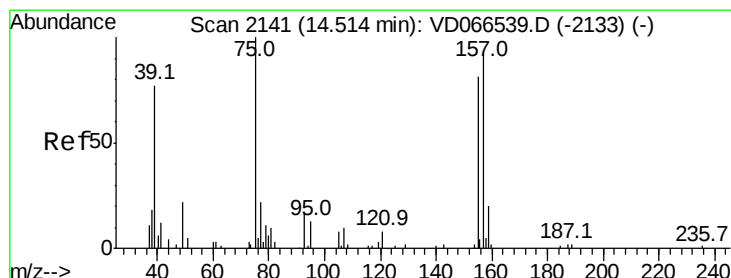
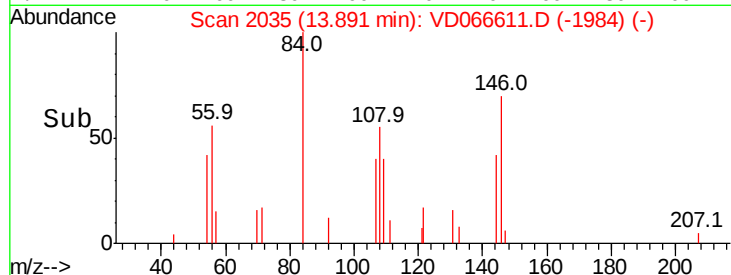
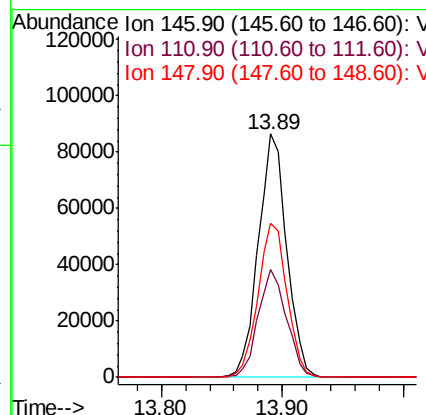
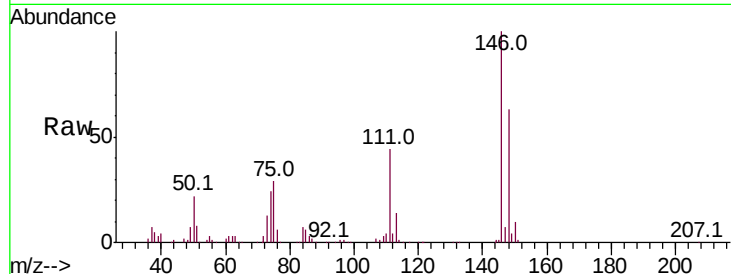




#91
 1,2-Dichlorobenzene
 Concen: 19.842 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066611.D
 Acq: 10 Sep 2020 12:58

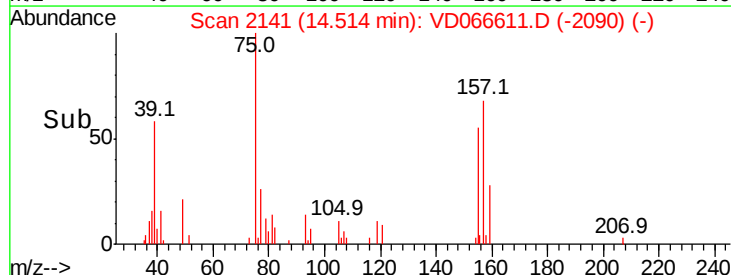
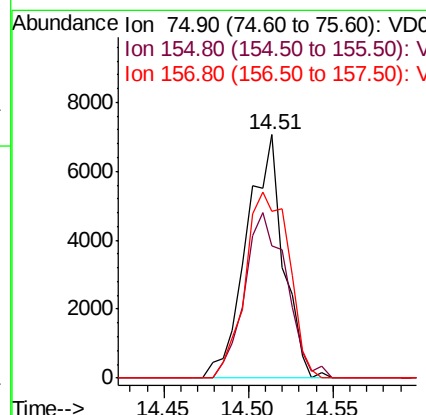
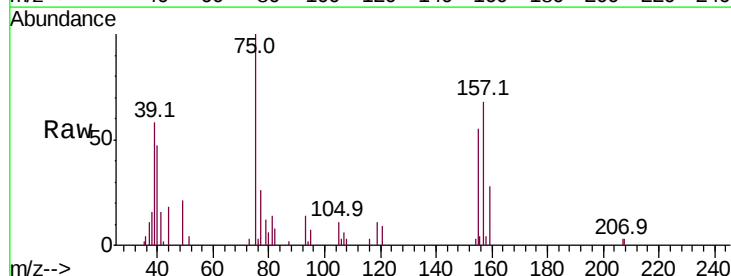
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD01

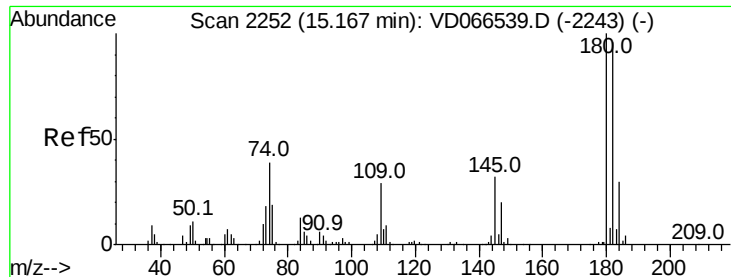
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.1	63.4
148	64.5	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.315 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066611.D
 Acq: 10 Sep 2020 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.3	39.3	117.8
157	90.9	46.0	137.8

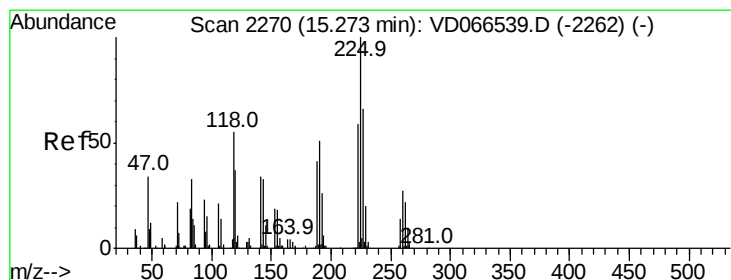
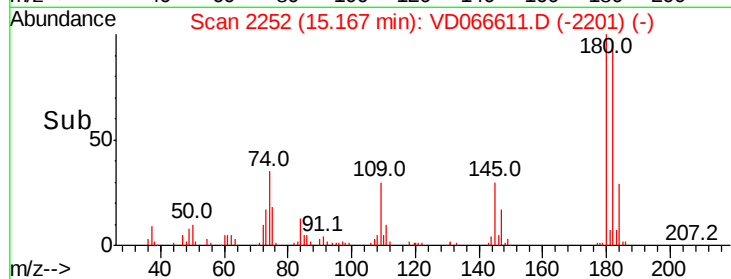
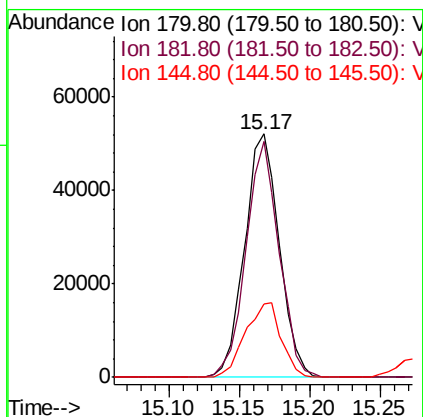
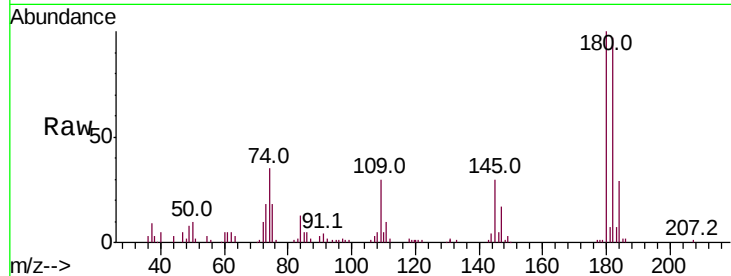




#93
 1,2,4-Trichlorobenzene
 Concen: 20.976 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066611.D
 Acq: 10 Sep 2020 12:58

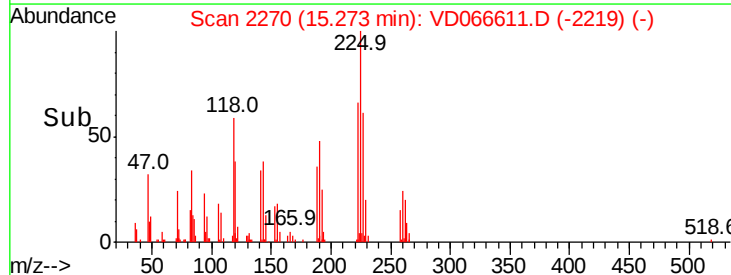
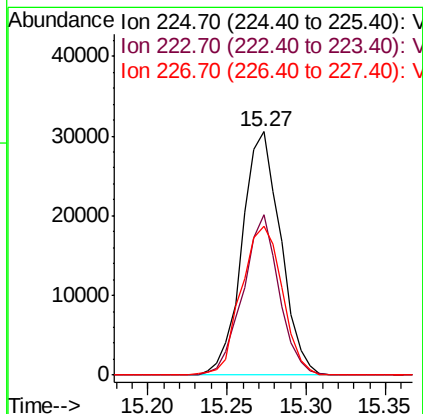
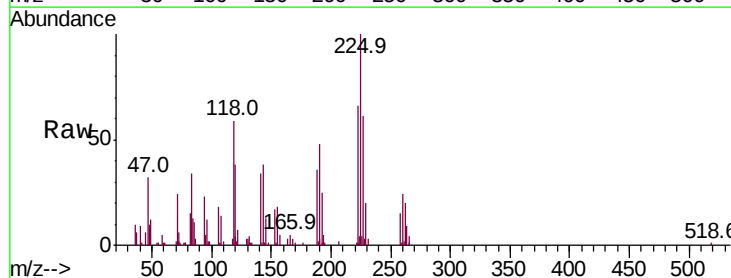
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD01

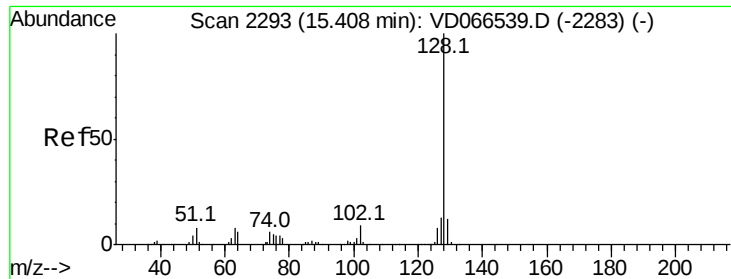
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	48.4	145.0
145	31.9	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 20.079 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066611.D
 Acq: 10 Sep 2020 12:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	30.5	91.5
227	64.9	32.4	97.2

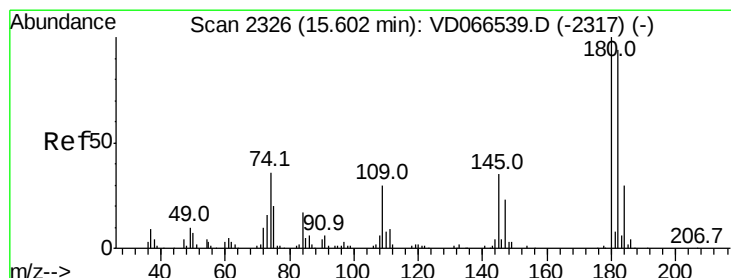
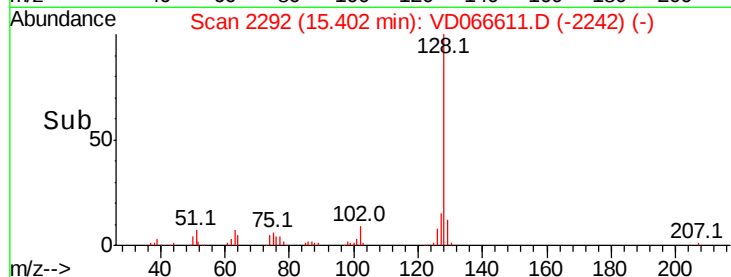
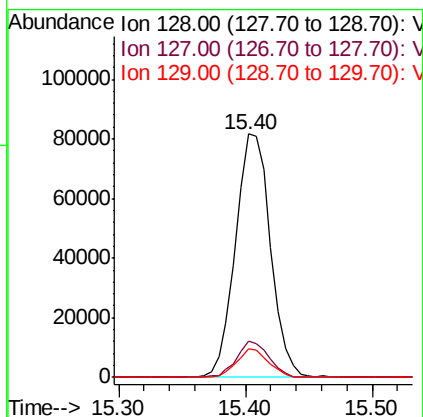
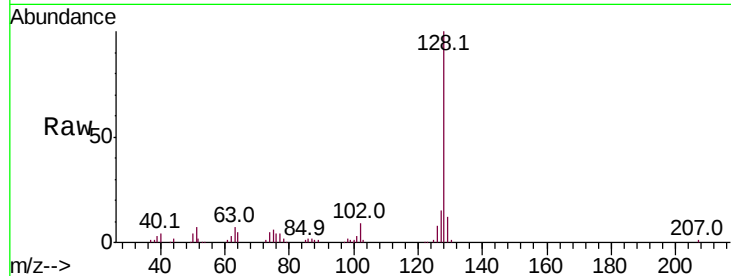




#95
Naphthalene
Concen: 20.788 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD01

Tot Ion:128 Resp: 155626
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 10.6 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 21.350 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066611.D
Acq: 10 Sep 2020 12:58

Tgt Ion:180 Resp: 77981
Ion Ratio Lower Upper
180 100
182 91.0 47.9 143.6
145 35.1 17.3 51.7

