

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066968.D
 Acq On : 30 Sep 2020 12:41
 Operator : VA/SY
 Sample : VD0930SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

Quant Time: Oct 01 00:54:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	399141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	617942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	571488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287441	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	170325	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	
35) Dibromofluoromethane	7.91	113	184250	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
50) Toluene-d8	10.34	98	645297	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.63	95	230316	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	72947	23.077	ug/l	95
3) Chloromethane	2.21	50	69617	18.983	ug/l	99
4) Vinyl Chloride	2.35	62	69080	19.067	ug/l	100
5) Bromomethane	2.76	94	47741	18.747	ug/l	86
6) Chloroethane	2.92	64	42169	18.743	ug/l #	86
7) Trichlorofluoromethane	3.27	101	152423	20.485	ug/l	98
8) Diethyl Ether	3.71	74	37836	20.030	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	90902	21.069	ug/l	98
10) Methyl Iodide	4.30	142	76819	20.177	ug/l	93
11) Tert butyl alcohol	5.22	59	29383	94.825	ug/l #	72
12) 1,1-Dichloroethene	4.07	96	81110	20.752	ug/l	90
13) Acrolein	3.91	56	21583	74.891	ug/l	97
14) Allyl chloride	4.72	41	108117	18.838	ug/l	98
15) Acrylonitrile	5.43	53	76930	91.898	ug/l	99
16) Acetone	4.16	43	60377	72.855	ug/l	96
17) Carbon Disulfide	4.41	76	235998	19.750	ug/l	99
18) Methyl Acetate	4.71	43	34963	16.475	ug/l	93
19) Methyl tert-butyl Ether	5.48	73	166407	19.605	ug/l	93
20) Methylene Chloride	4.97	84	102242	19.283	ug/l	88
21) trans-1,2-Dichloroethene	5.47	96	93161	20.585	ug/l	93
22) Diisopropyl ether	6.36	45	236349	20.029	ug/l	97
23) Vinyl Acetate	6.31	43	547510	87.216	ug/l	100
24) 1,1-Dichloroethane	6.27	63	153607	19.458	ug/l #	98
25) 2-Butanone	7.21	43	85490	85.841	ug/l	99
26) 2,2-Dichloropropane	7.21	77	143232	19.795	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	100352	20.409	ug/l	98
28) Bromochloromethane	7.54	49	62444	19.147	ug/l	94
29) Tetrahydrofuran	7.56	42	58459	91.610	ug/l	98
30) Chloroform	7.71	83	165970	19.504	ug/l	100
31) Cyclohexane	7.98	56	136321	19.191	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	156245	20.297	ug/l	98
36) 1,1-Dichloropropene	8.11	75	127856	20.856	ug/l	97
37) Ethyl Acetate	7.28	43	45115	20.357	ug/l	99
38) Carbon Tetrachloride	8.10	117	143745	21.447	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066968.D
 Acq On : 30 Sep 2020 12:41
 Operator : VA/SY
 Sample : VD0930SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

Quant Time: Oct 01 00:54:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	147952	21.020	ug/l	99
40) Benzene	8.35	78	361869	21.180	ug/l	95
41) Methacrylonitrile	7.56	41	58769	43.120	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	102614	20.316	ug/l	99
43) Isopropyl Acetate	8.45	43	78827	18.449	ug/l	99
44) Trichloroethene	9.11	130	104626	21.484	ug/l	98
45) 1,2-Dichloropropane	9.38	63	87341	20.318	ug/l	98
46) Dibromomethane	9.47	93	49156	21.046	ug/l	100
47) Bromodichloromethane	9.66	83	127959	20.394	ug/l #	99
48) Methyl methacrylate	9.46	41	43425	20.613	ug/l	89
49) 1,4-Dioxane	9.46	88	10363	320.767	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	202226	93.406	ug/l	97
52) Toluene	10.40	92	235264	21.377	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	111701	20.917	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	136644	20.985	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	66115	20.591	ug/l	97
56) Ethyl methacrylate	10.66	69	67524	19.631	ug/l	95
57) 1,3-Dichloropropane	10.94	76	110870	20.912	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	190353	116.877	ug/l	95
59) 2-Hexanone	10.98	43	135427	92.756	ug/l	98
60) Dibromochloromethane	11.14	129	89721	21.410	ug/l	99
61) 1,2-Dibromoethane	11.24	107	63008	21.098	ug/l	97
64) Tetrachloroethene	10.87	164	92134	22.413	ug/l	93
65) Chlorobenzene	11.67	112	254990	21.435	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	95949	21.311	ug/l	98
67) Ethyl Benzene	11.74	91	439853	21.053	ug/l	97
68) m/p-Xylenes	11.86	106	347708	43.956	ug/l	99
69) o-Xylene	12.18	106	150776	21.079	ug/l	99
70) Styrene	12.20	104	270669	21.790	ug/l	100
71) Bromoform	12.36	173	48577	21.310	ug/l #	100
73) Isopropylbenzene	12.48	105	426381	20.534	ug/l	98
74) N-amyl acetate	12.29	43	73124	18.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	66965	18.689	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	88609	37.198	ug/l #	100
77) Bromobenzene	12.76	156	101732	20.948	ug/l	95
78) n-propylbenzene	12.82	91	513473	20.555	ug/l	99
79) 2-Chlorotoluene	12.91	91	291834	20.501	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	369342	20.963	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20363	21.387	ug/l	95
82) 4-Chlorotoluene	13.01	91	309833	20.647	ug/l	100
83) tert-Butylbenzene	13.23	119	313550	21.657	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	365660	20.929	ug/l	99
85) sec-Butylbenzene	13.41	105	432759	20.786	ug/l	100
86) p-Isopropyltoluene	13.52	119	403239	21.487	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	200349	20.882	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	198518	20.832	ug/l	99
89) n-Butylbenzene	13.85	91	368712	20.671	ug/l	98
90) Hexachloroethane	14.12	117	74525	19.561	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	168586	20.538	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10829	18.788	ug/l	95

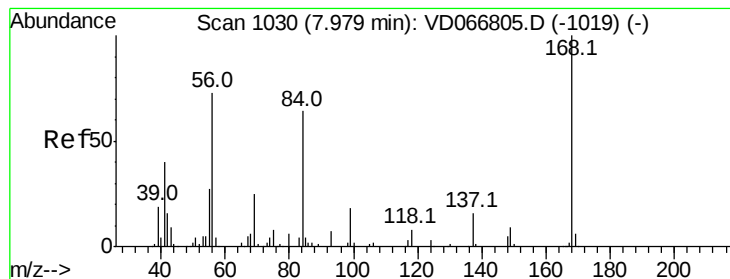
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
Data File : VD066968.D
Acq On : 30 Sep 2020 12:41
Operator : VA/SY
Sample : VD0930SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

Quant Time: Oct 01 00:54:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	109921	21.272	ug/l	98
94) Hexachlorobutadiene	15.28	225	66089	21.343	ug/l	98
95) Naphthalene	15.41	128	166559	18.985	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	95073	21.317	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

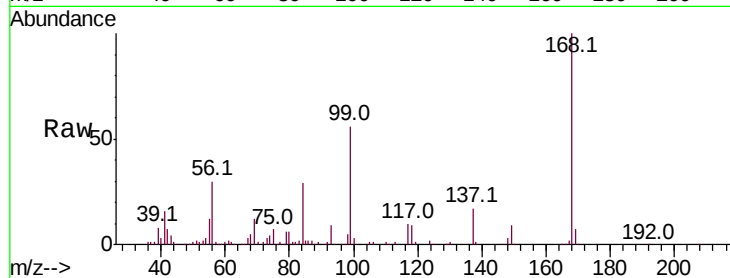
VD0930SBS01

Tot Ion:168 Resp: 399141

Ion Ratio Lower Upper

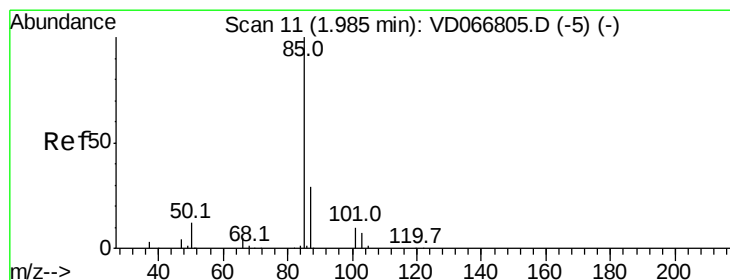
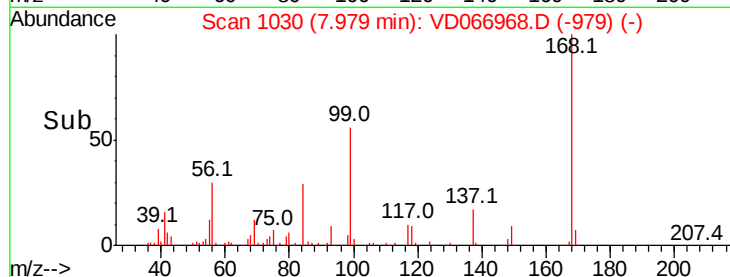
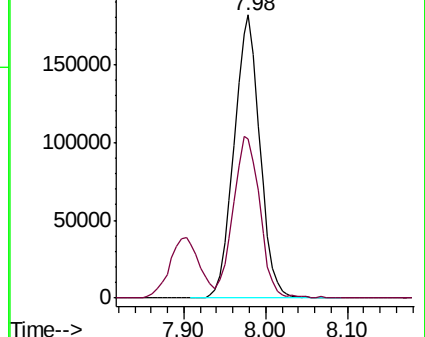
168 100

99 56.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 23.077 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066968.D

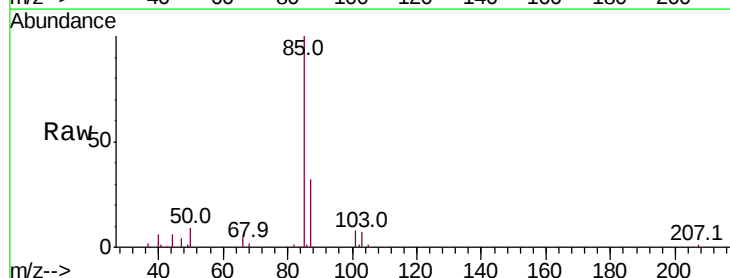
Acq: 30 Sep 2020 12:41

Tgt Ion: 85 Resp: 72947

Ion Ratio Lower Upper

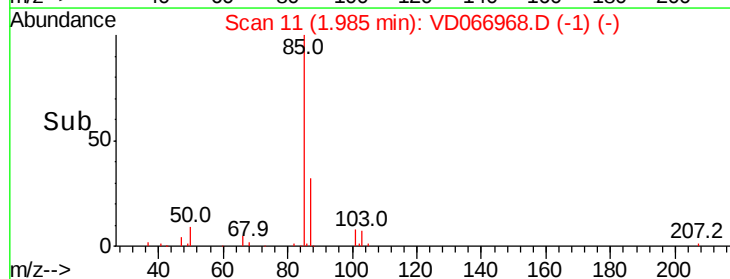
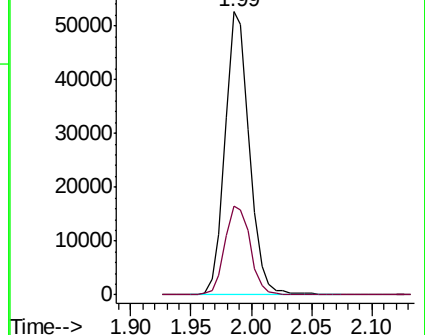
85 100

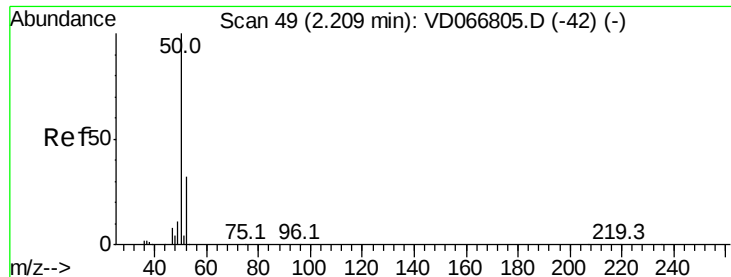
87 31.5 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.983 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

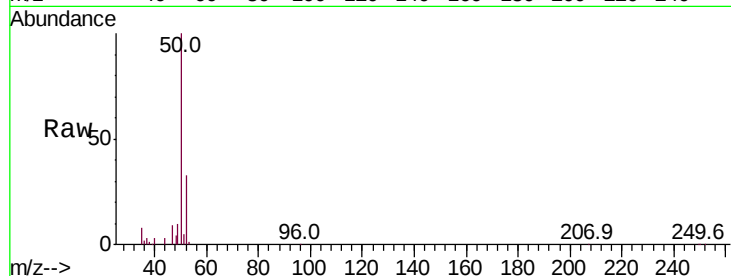
VD0930SBS01

Tot Ion: 50 Resp: 69617

Ion Ratio Lower Upper

50 100

52 32.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

50000

40000

30000

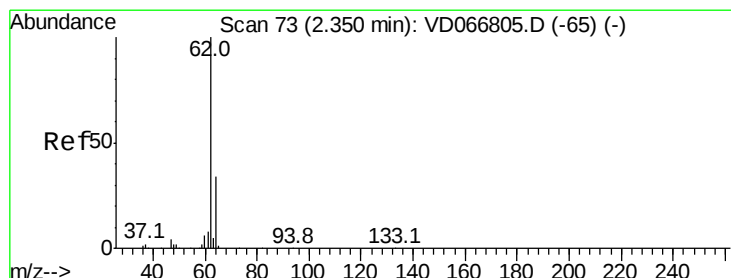
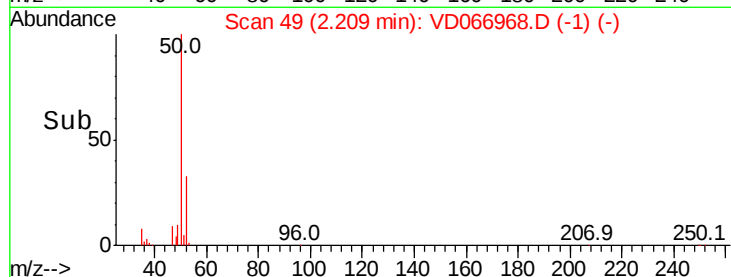
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 19.067 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066968.D

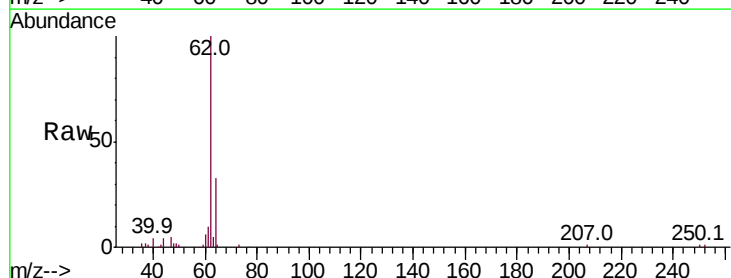
Acq: 30 Sep 2020 12:41

Tgt Ion: 62 Resp: 69080

Ion Ratio Lower Upper

62 100

64 33.4 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

50000

40000

30000

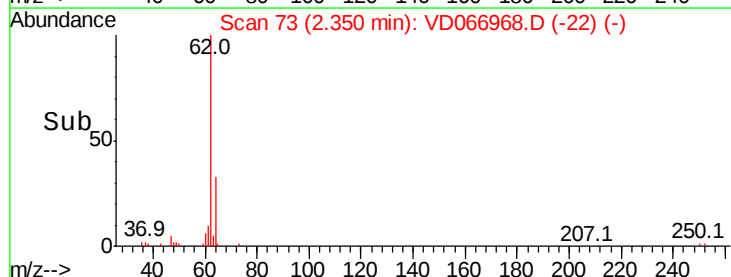
20000

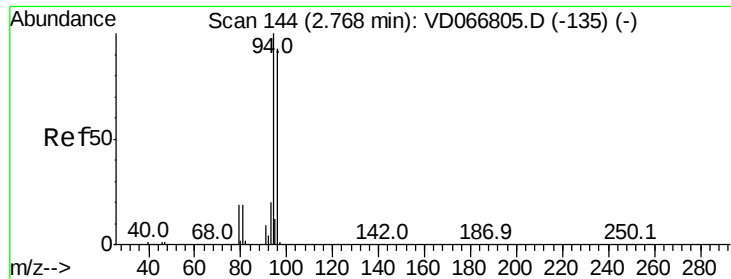
10000

0

Time-->

2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 18.747 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

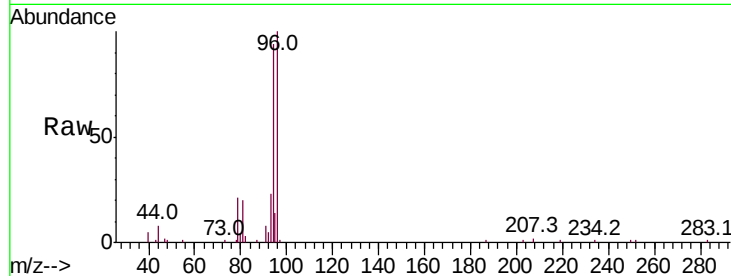
VD0930SBS01

Tot Ion: 94 Resp: 47741

Ion Ratio Lower Upper

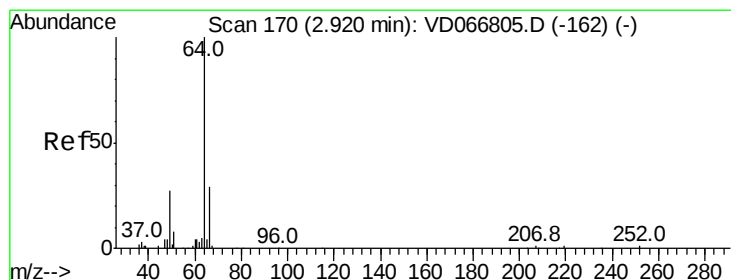
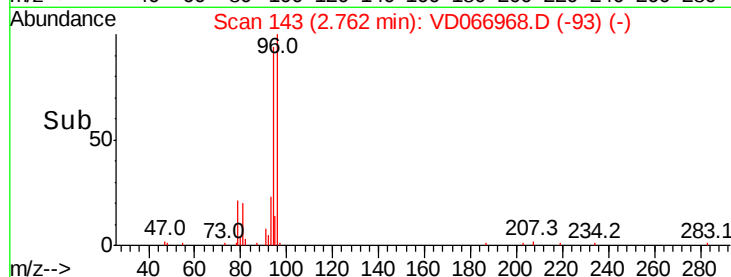
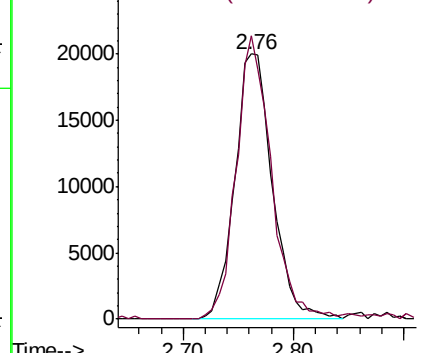
94 100

96 106.8 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 18.743 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066968.D

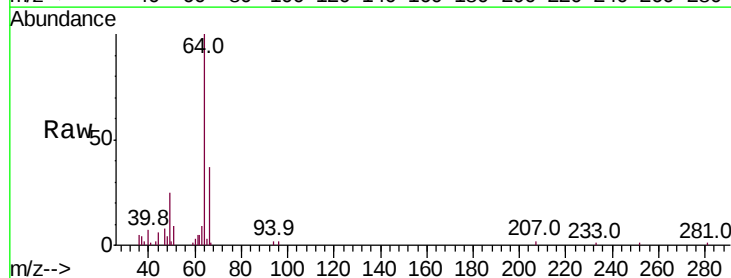
Acq: 30 Sep 2020 12:41

Tgt Ion: 64 Resp: 42169

Ion Ratio Lower Upper

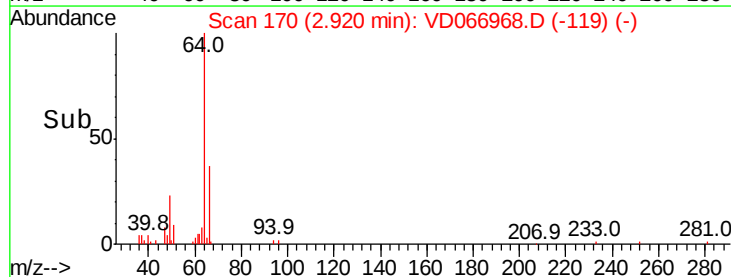
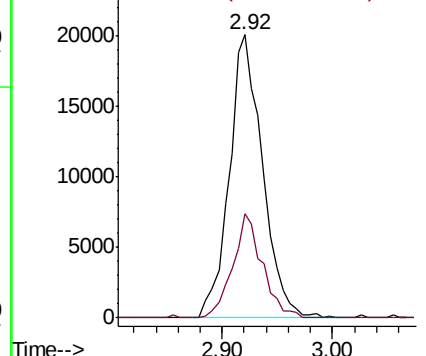
64 100

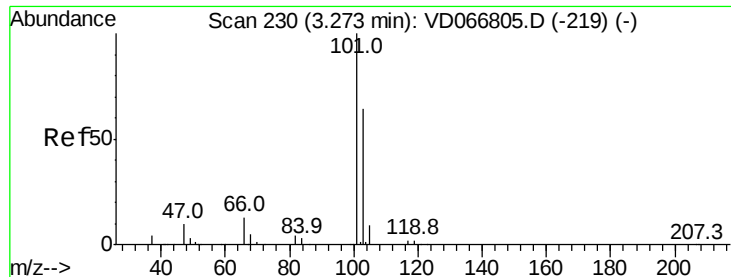
66 36.8 23.3 34.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



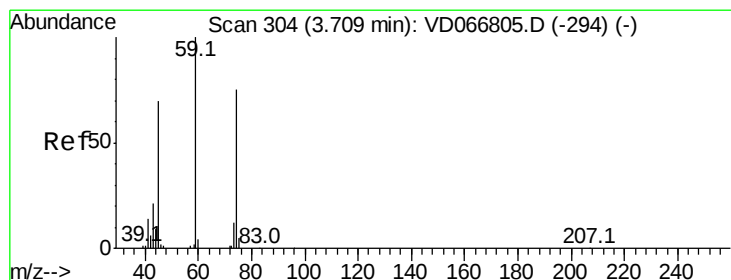
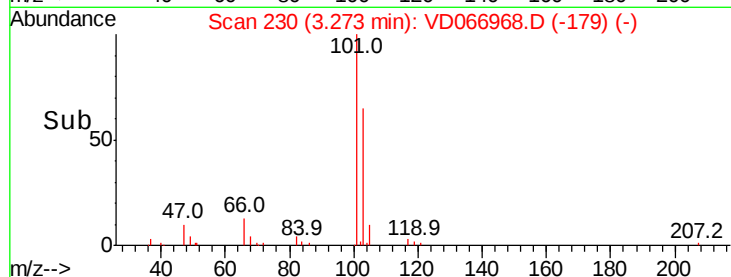
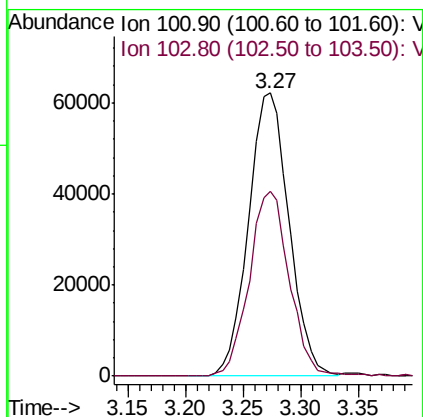
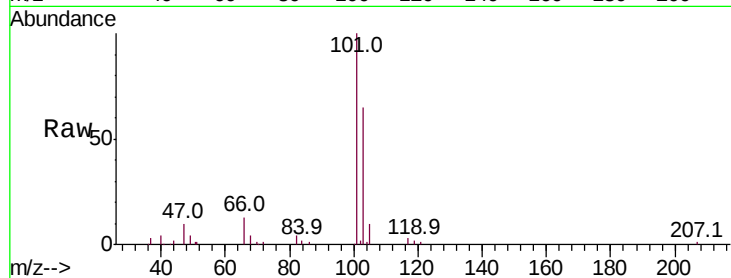


#7

Trichlorofluoromethane
 Concen: 20.485 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

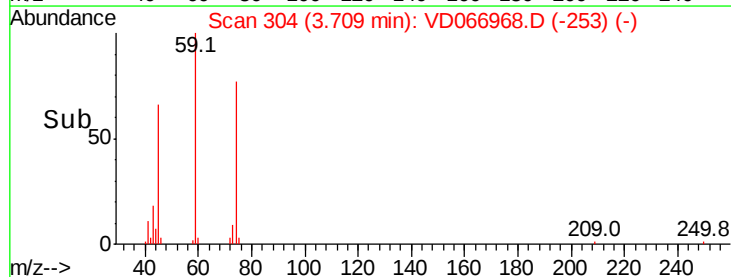
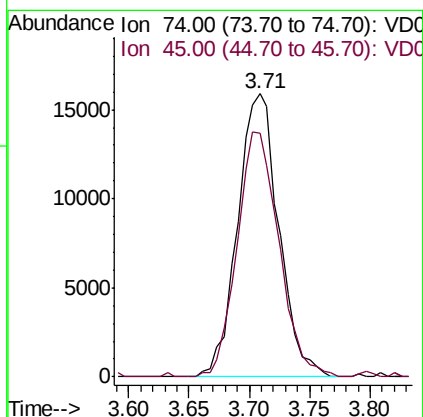
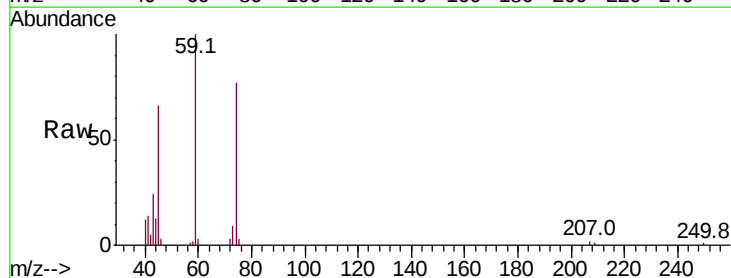
Tot Ion:101 Resp: 152423
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.0 76.6

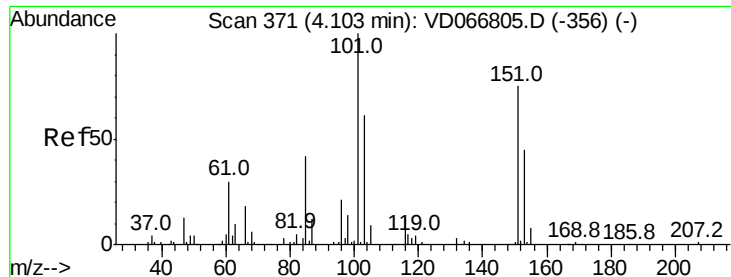


#8

Diethyl Ether
 Concen: 20.030 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Tgt Ion: 74 Resp: 37836
 Ion Ratio Lower Upper
 74 100
 45 87.8 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.069 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBS01

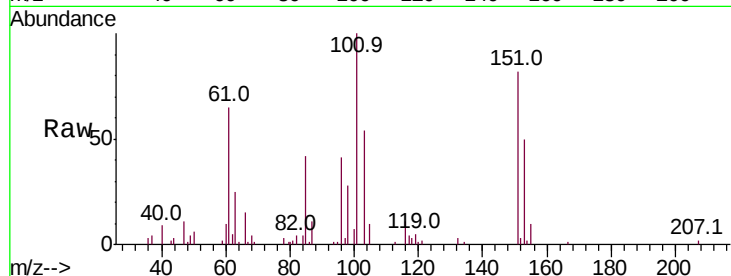
Tot Ion:101 Resp: 90902

Ion Ratio Lower Upper

101 100

85 42.0 35.4 53.2

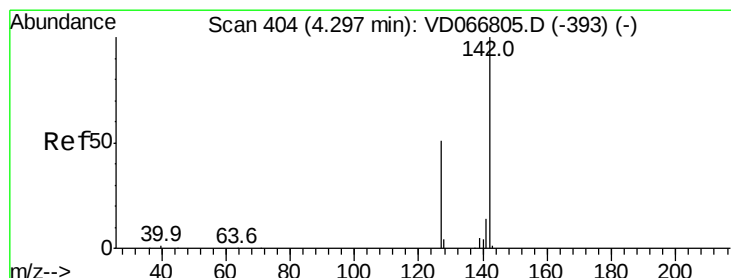
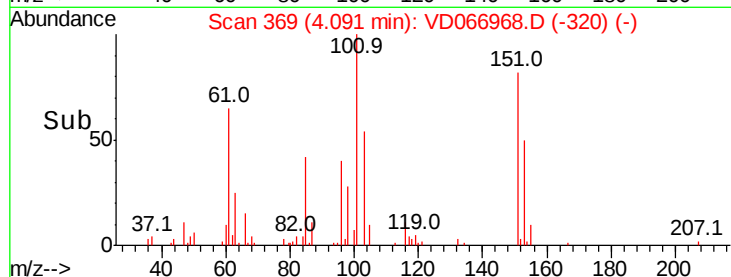
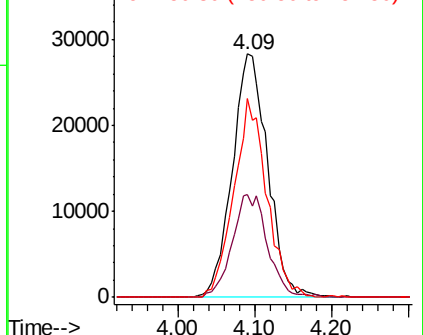
151 75.9 61.4 92.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.177 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

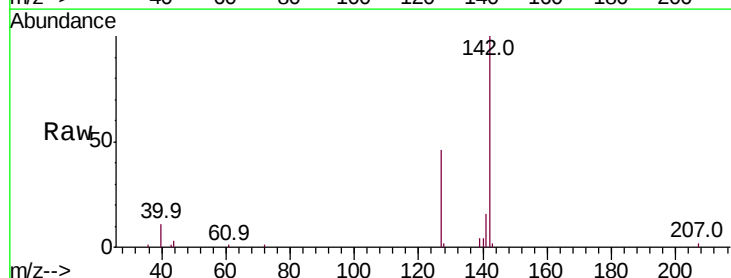
Tgt Ion:142 Resp: 76819

Ion Ratio Lower Upper

142 100

127 43.5 39.4 59.0

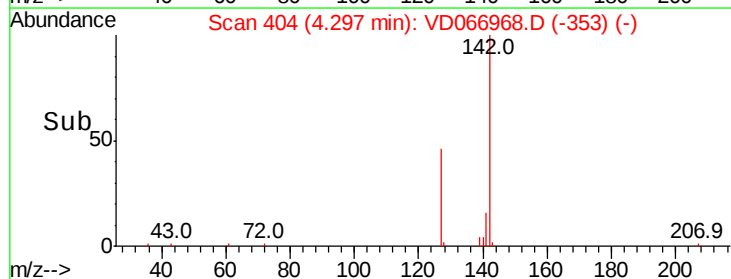
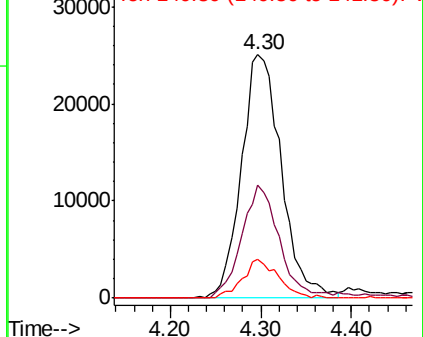
141 14.0 12.1 18.1

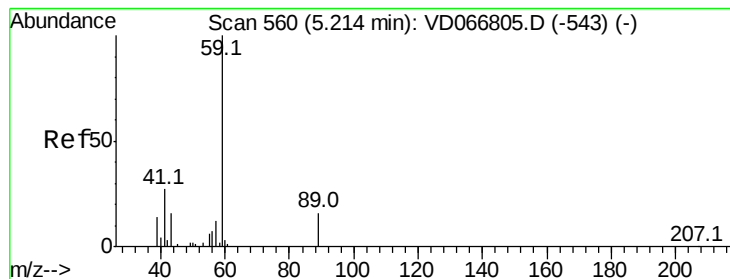


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.825 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

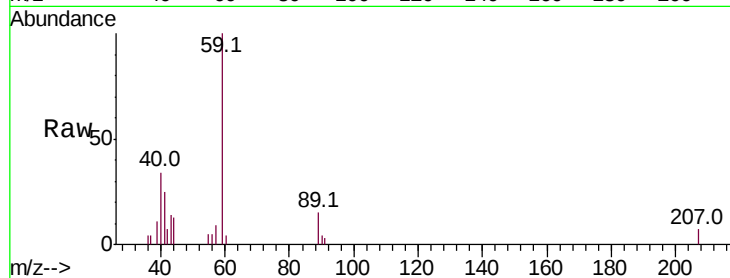
VD0930SBS01

Tot Ion: 59 Resp: 29383

Ion Ratio Lower Upper

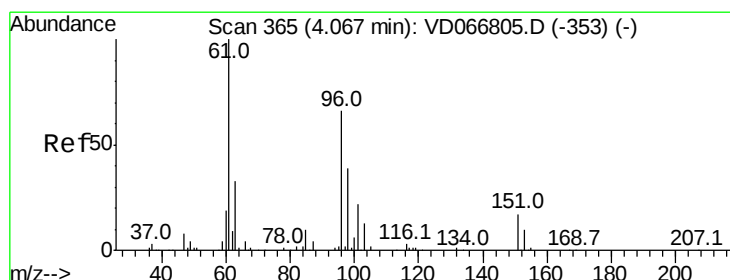
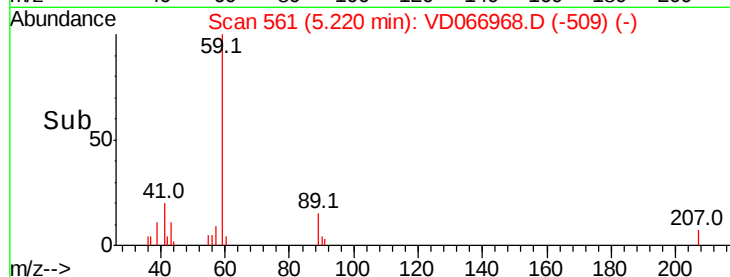
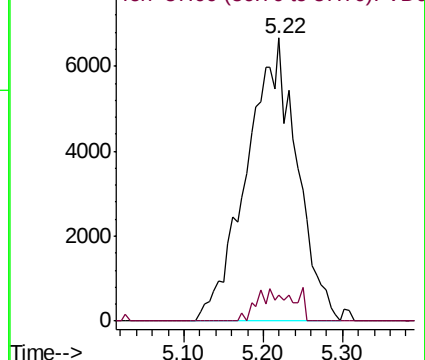
59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.752 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

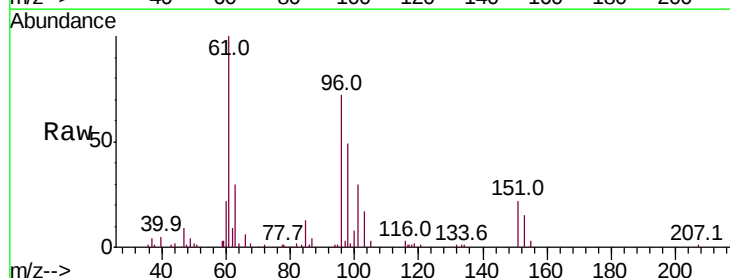
Tgt Ion: 96 Resp: 81110

Ion Ratio Lower Upper

96 100

61 139.8 120.8 181.2

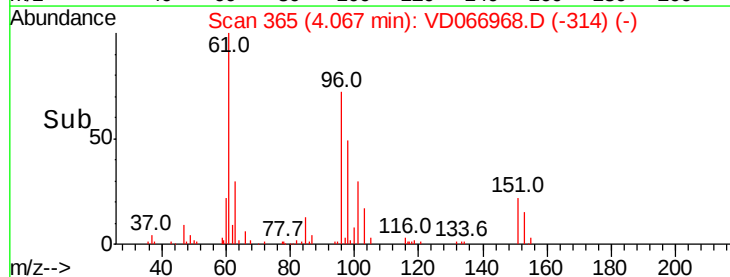
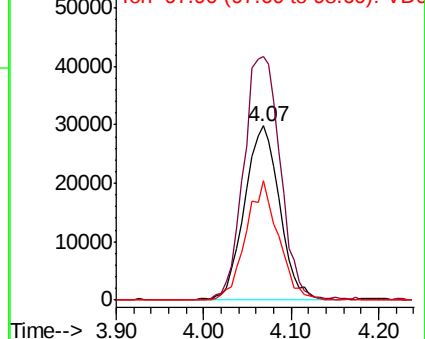
98 68.8 47.7 71.5

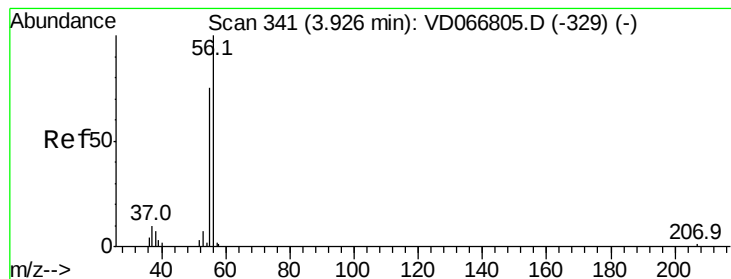


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 74.891 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

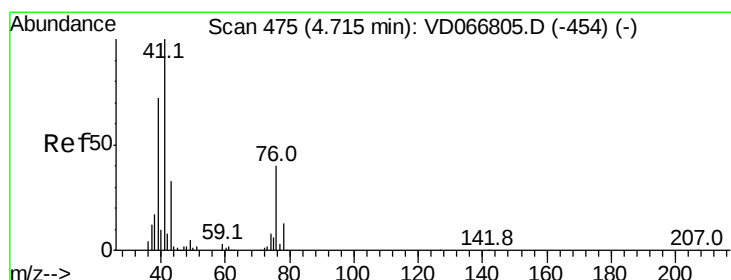
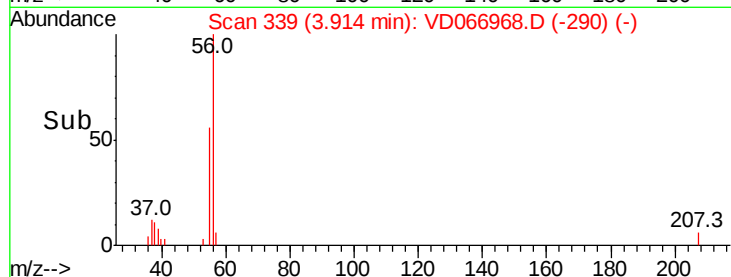
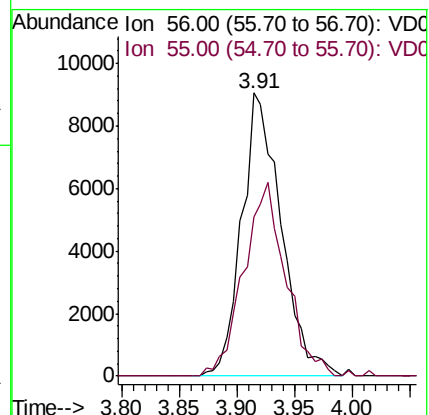
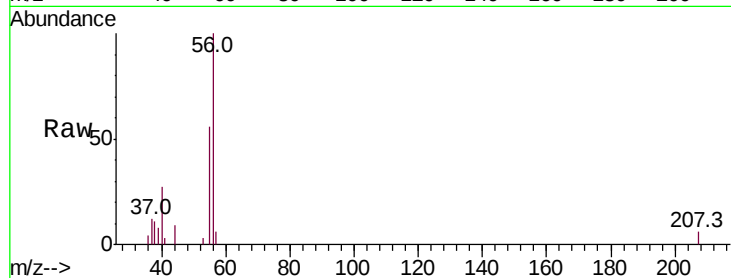
VD0930SBS01

Tot Ion: 56 Resp: 21583

Ion Ratio Lower Upper

56 100

55 72.5 60.3 90.5



#14

Allyl chloride

Concen: 18.838 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

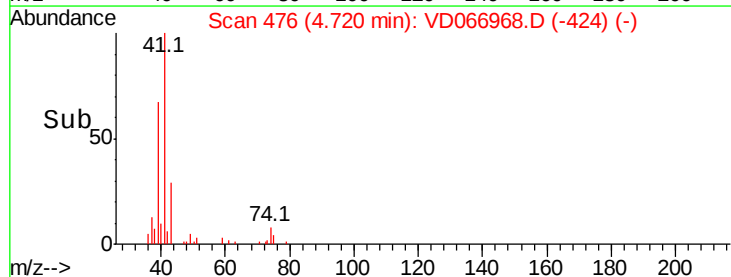
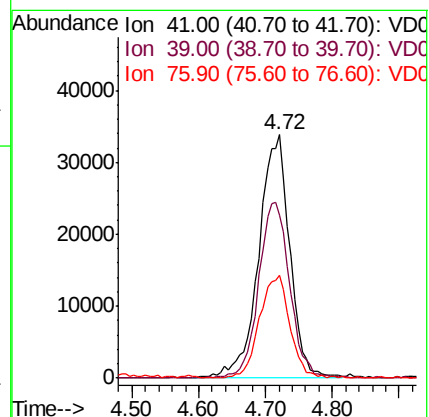
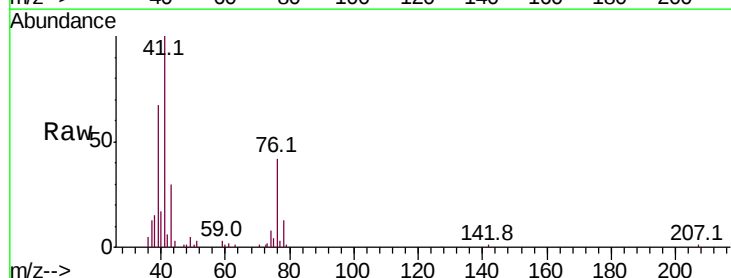
Tgt Ion: 41 Resp: 108117

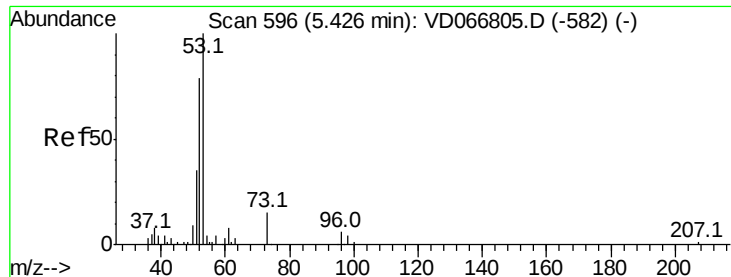
Ion Ratio Lower Upper

41 100

39 72.7 57.8 86.8

76 41.2 30.9 46.3





#15

Acrylonitrile

Concen: 91.898 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBS01

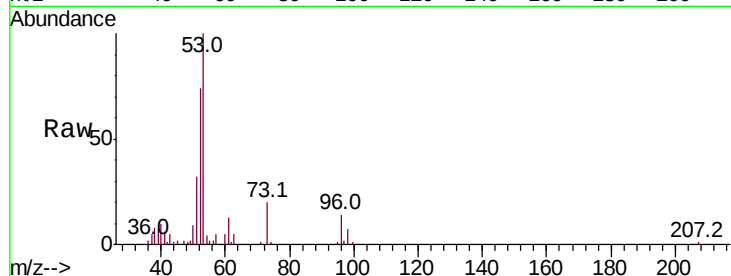
Tot Ion: 53 Resp: 76930

Ion Ratio Lower Upper

53 100

52 81.0 65.2 97.8

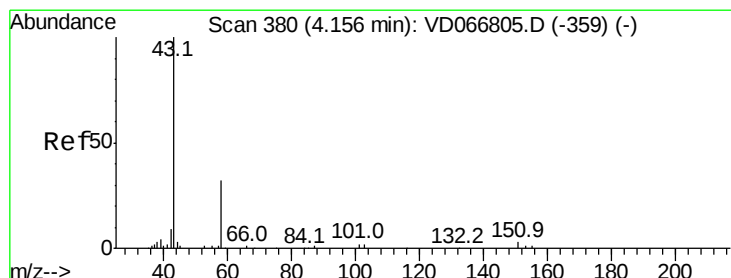
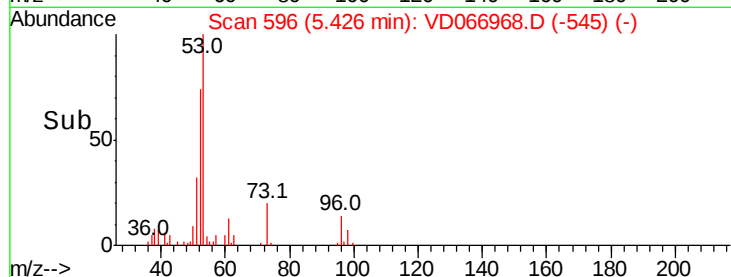
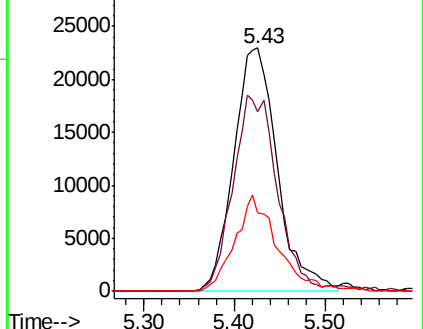
51 38.6 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 72.855 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066968.D

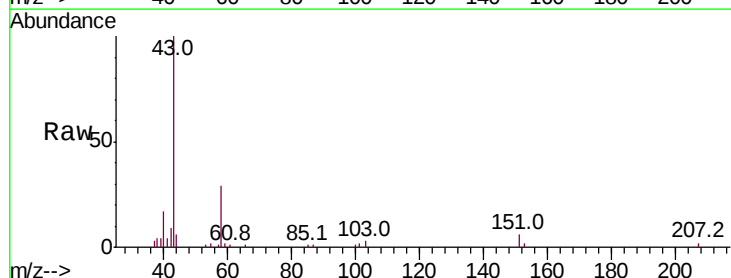
Acq: 30 Sep 2020 12:41

Tgt Ion: 43 Resp: 60377

Ion Ratio Lower Upper

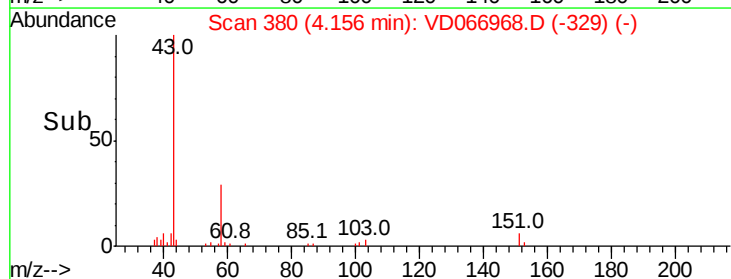
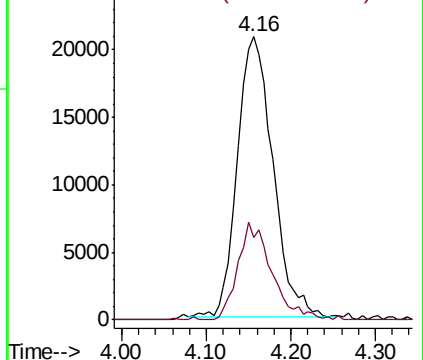
43 100

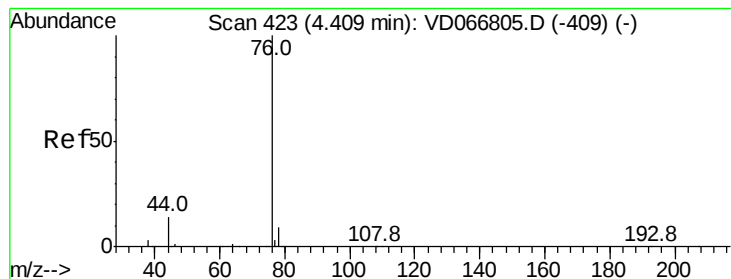
58 29.5 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 19.750 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

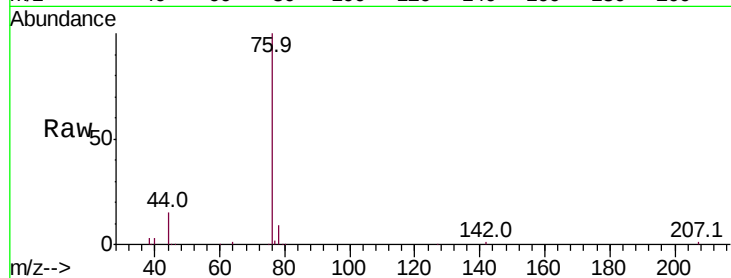
VD0930SBS01

Tot Ion: 76 Resp: 235998

Ion Ratio Lower Upper

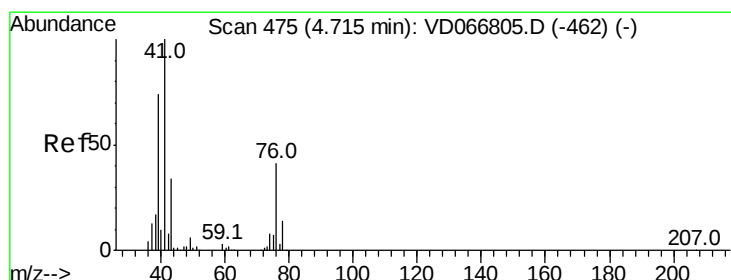
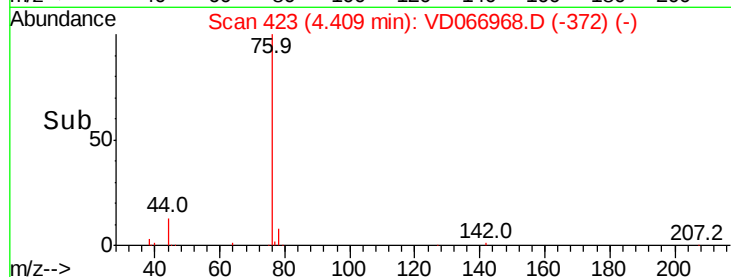
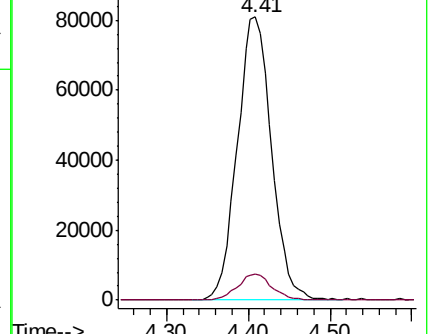
76 100

78 9.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 16.475 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066968.D

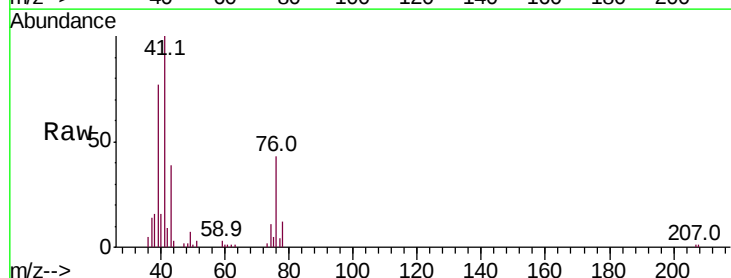
Acq: 30 Sep 2020 12:41

Tgt Ion: 43 Resp: 34963

Ion Ratio Lower Upper

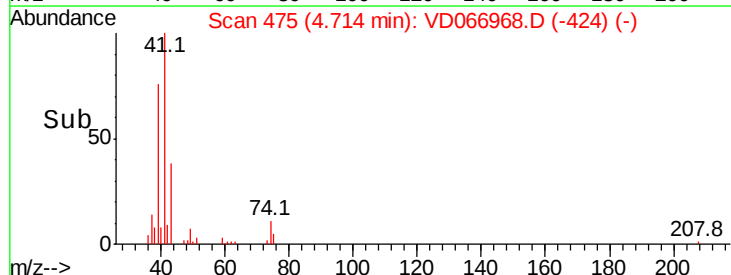
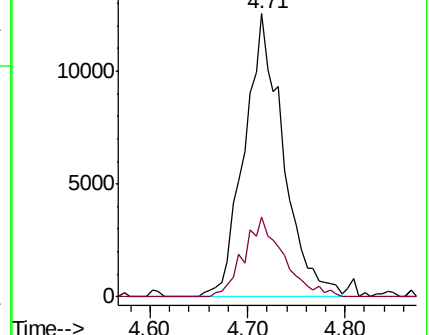
43 100

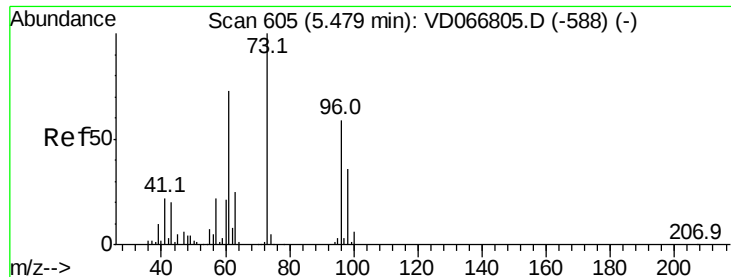
74 28.8 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



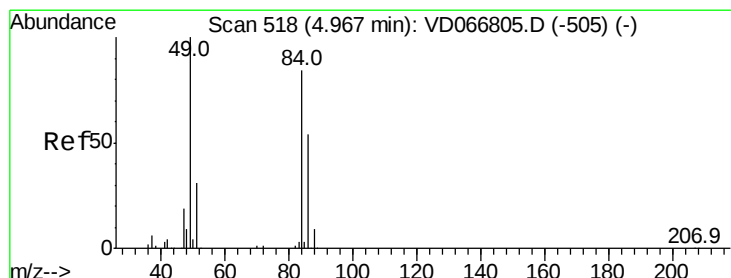
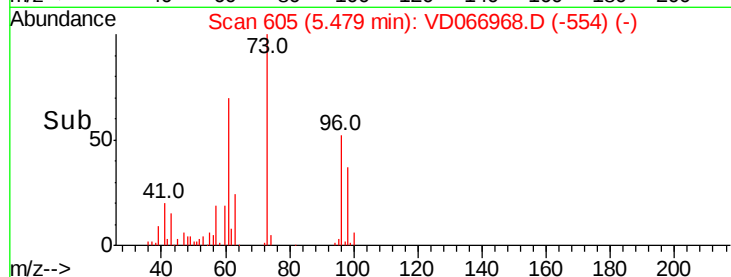
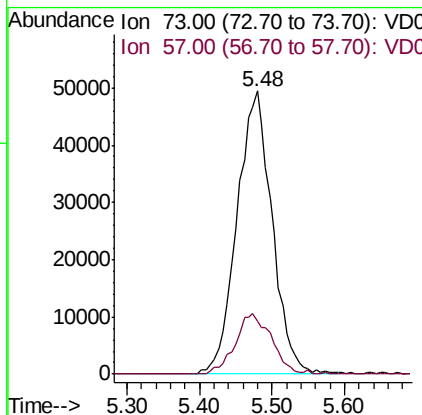
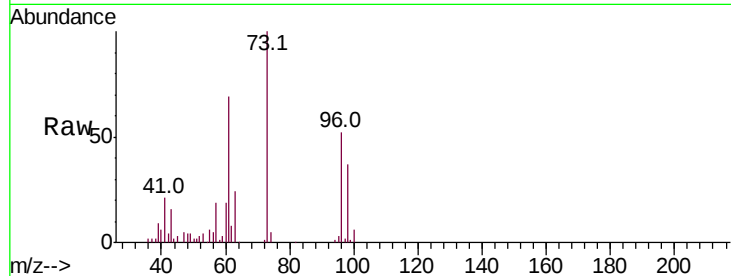


#19

Methyl tert-butyl Ether
 Concen: 19.605 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0930SBS01

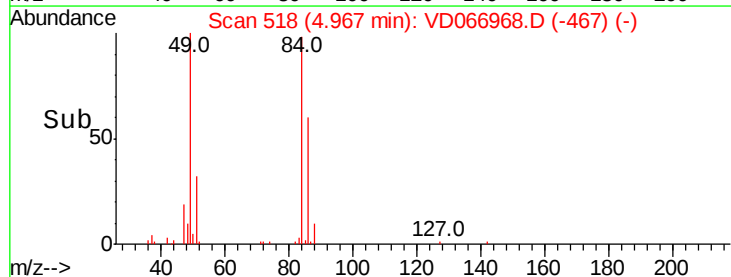
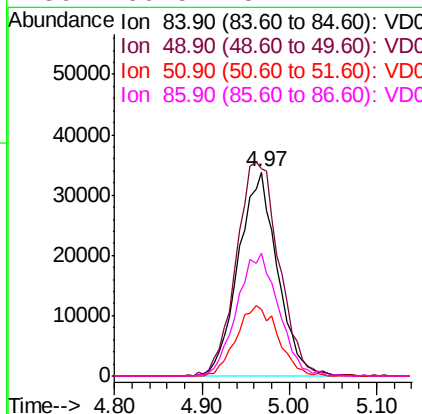
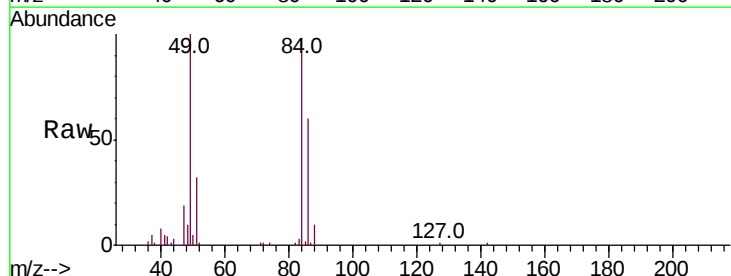
Tot Ion: 73 Resp: 166407
 Ion Ratio Lower Upper
 73 100
 57 18.6 17.4 26.2

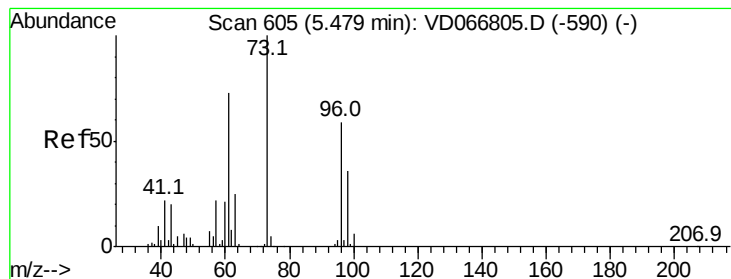


#20

Methylene Chloride
 Concen: 19.283 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Tgt Ion: 84 Resp: 102242
 Ion Ratio Lower Upper
 84 100
 49 101.1 95.4 143.2
 51 32.6 29.7 44.5
 86 60.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.585 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBS01

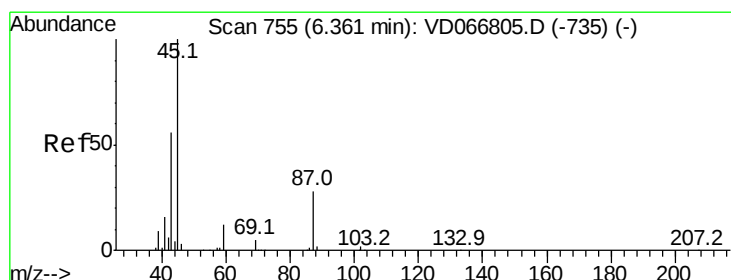
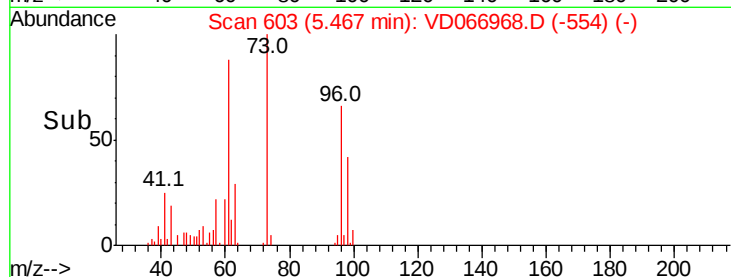
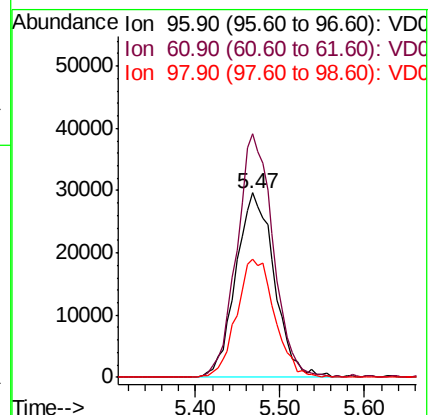
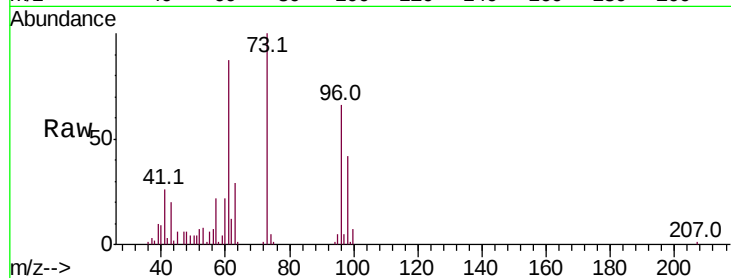
Tot Ion: 96 Resp: 93161

Ion Ratio Lower Upper

96 100

61 132.2 98.9 148.3

98 63.9 48.4 72.6



#22

Diisopropyl ether

Concen: 20.029 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Tgt Ion: 45 Resp: 236349

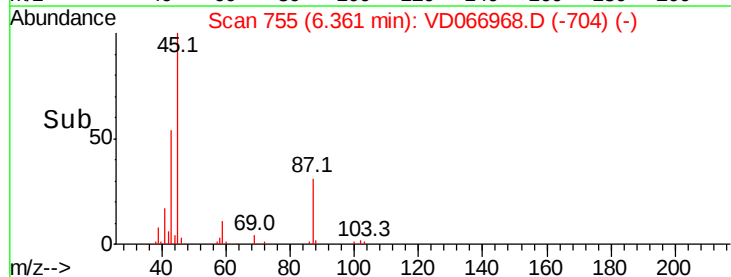
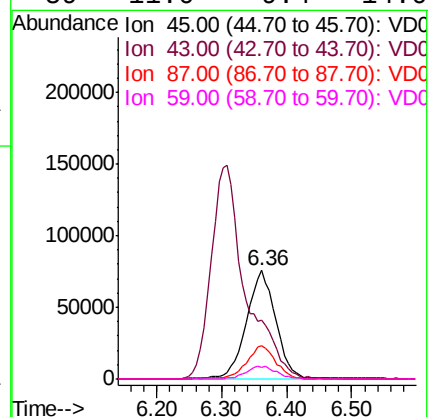
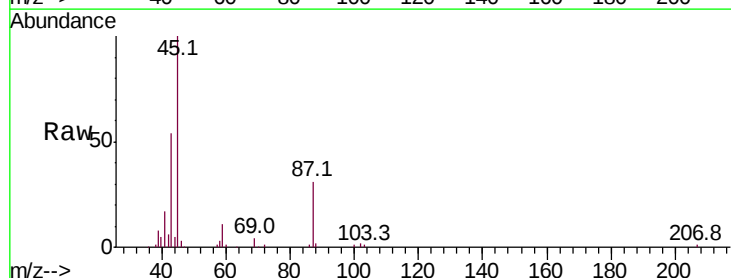
Ion Ratio Lower Upper

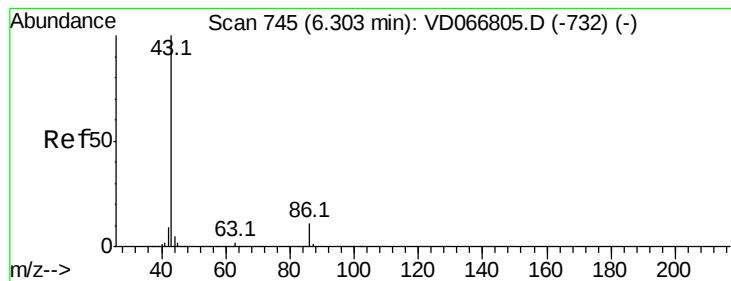
45 100

43 53.3 44.5 66.7

87 31.0 22.9 34.3

59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 87.216 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

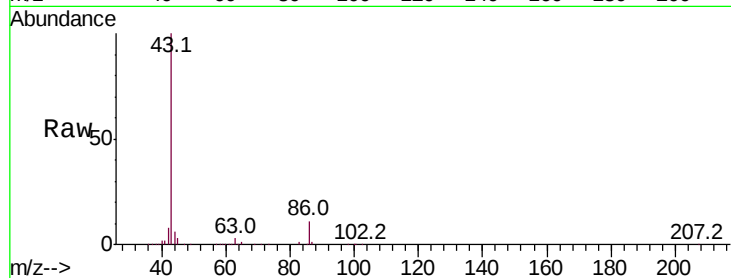
VD0930SBS01

Tot Ion: 43 Resp: 547510

Ion Ratio Lower Upper

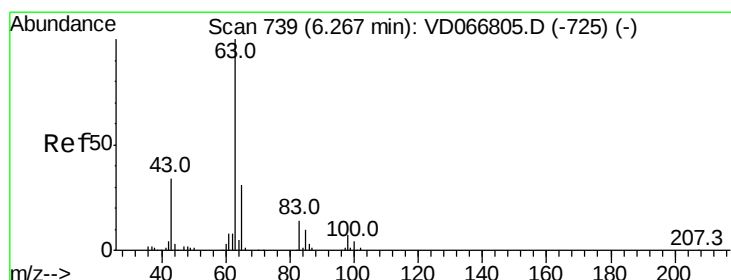
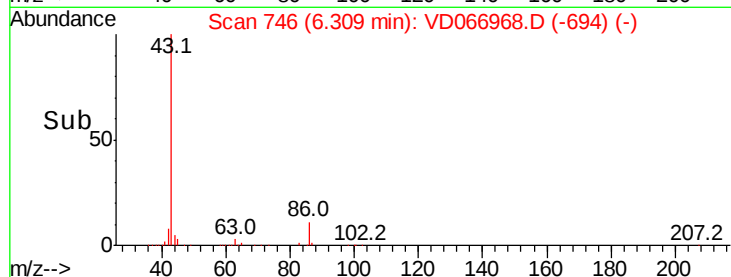
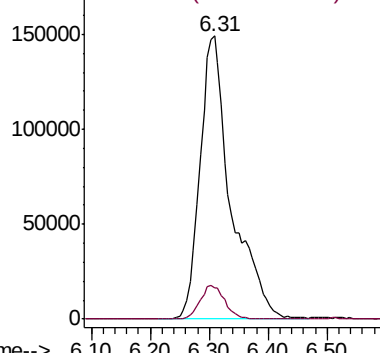
43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.458 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

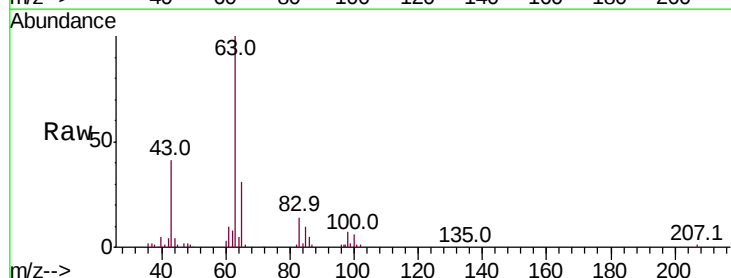
Tgt Ion: 63 Resp: 153607

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

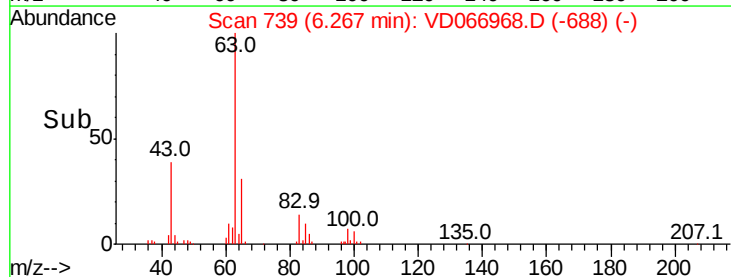
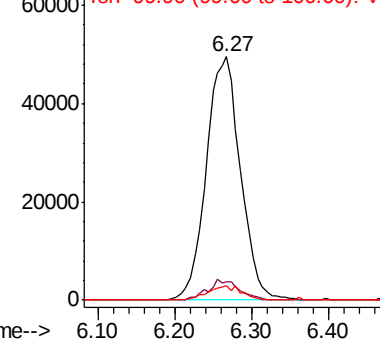
100 6.0 1.8 5.5#

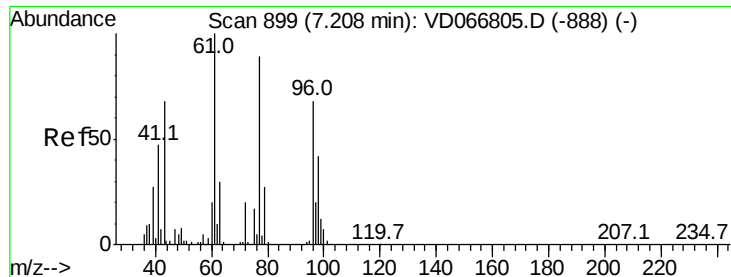


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 85.841 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

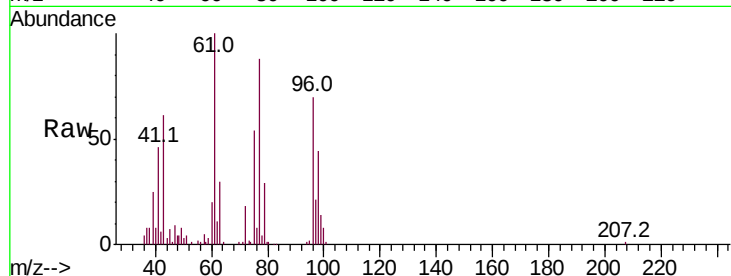
VD0930SBS01

Tot Ion: 43 Resp: 85490

Ion Ratio Lower Upper

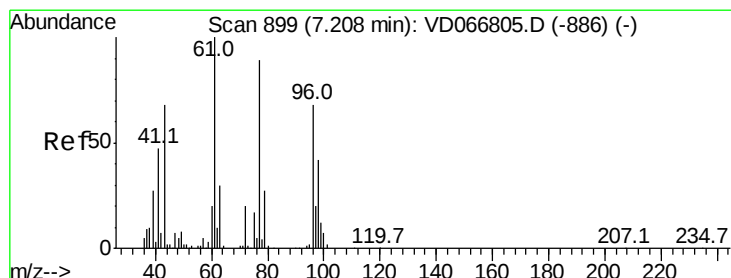
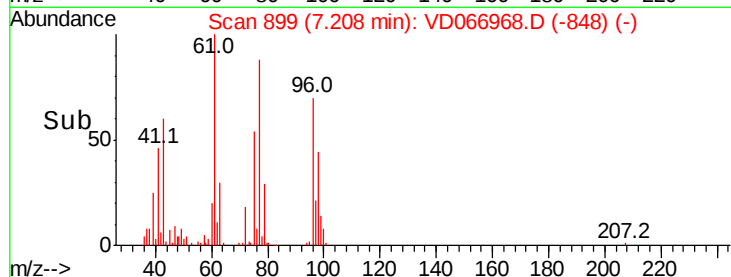
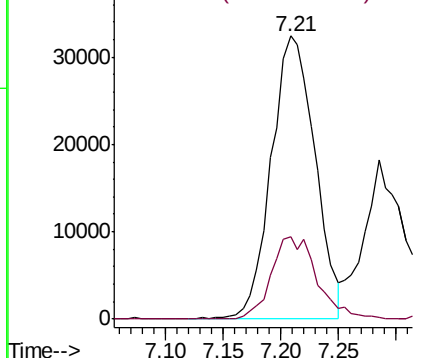
43 100

72 29.1 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.795 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066968.D

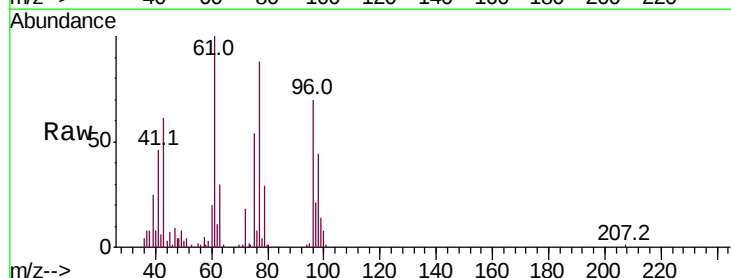
Acq: 30 Sep 2020 12:41

Tgt Ion: 77 Resp: 143232

Ion Ratio Lower Upper

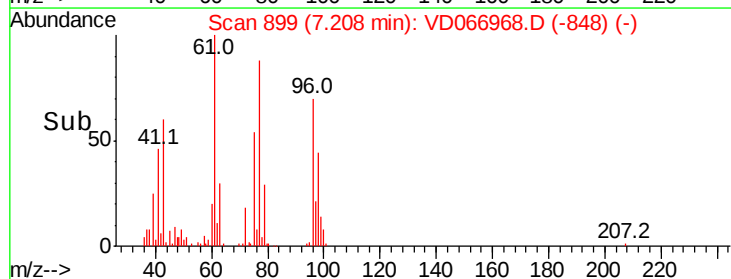
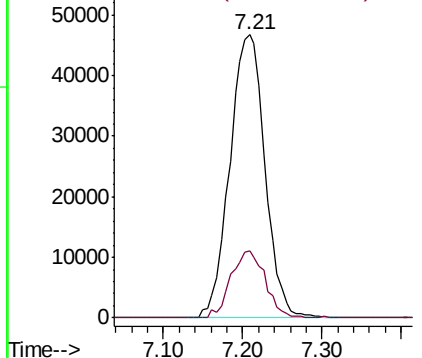
77 100

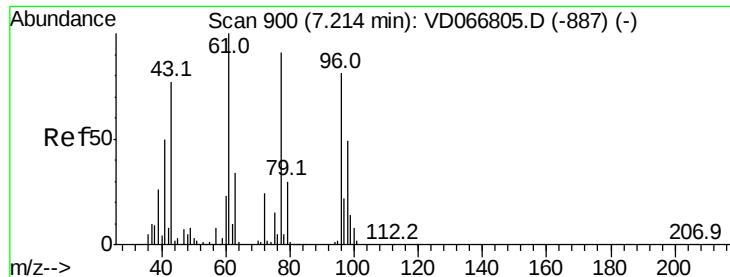
97 23.1 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



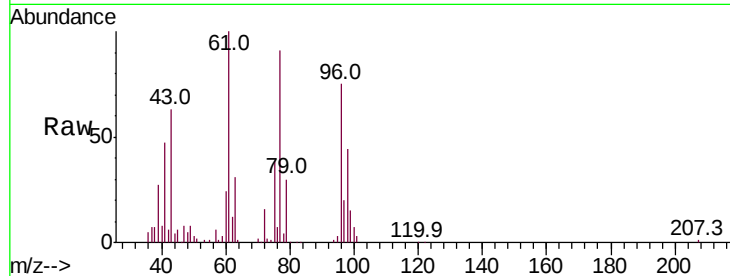


#27

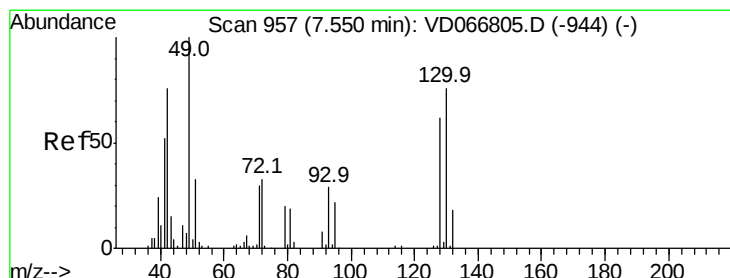
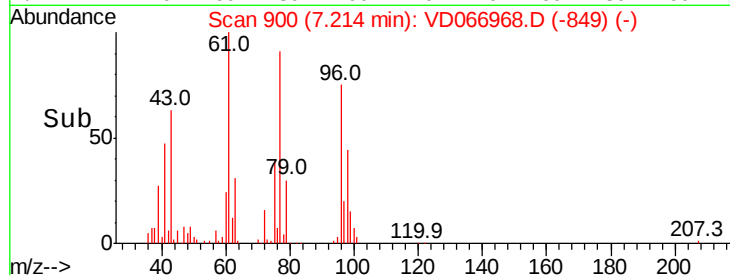
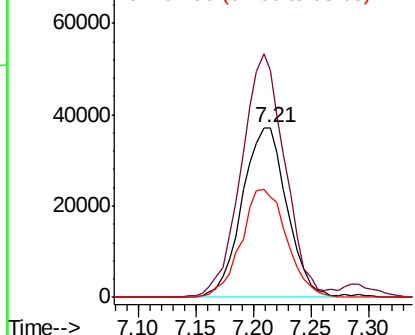
cis-1,2-Dichloroethene
 Concen: 20.409 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

Tot Ion: 96 Resp: 100352
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 283.8
 98 64.7 0.0 128.4



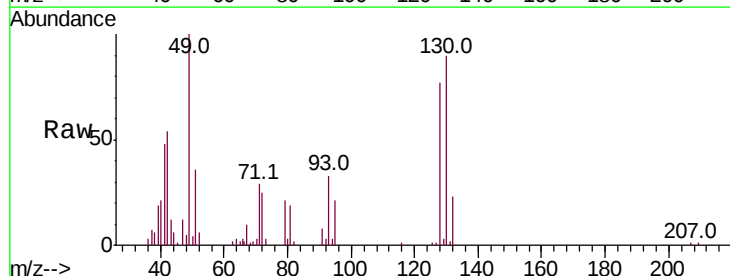
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



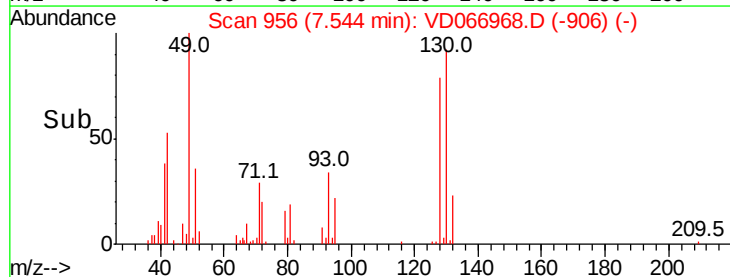
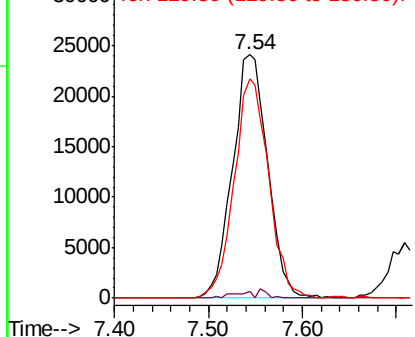
#28

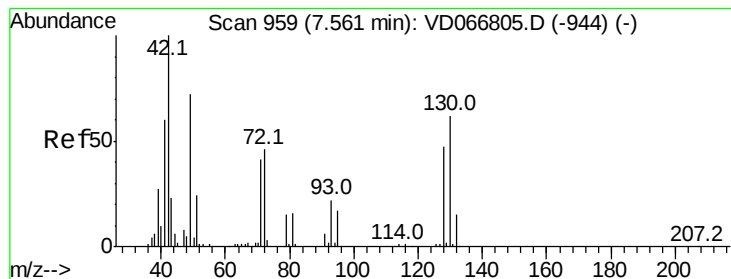
Bromochloromethane
 Concen: 19.147 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Tgt Ion: 49 Resp: 62444
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.0
 130 88.1 65.9 98.9



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: 91.610 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBS01

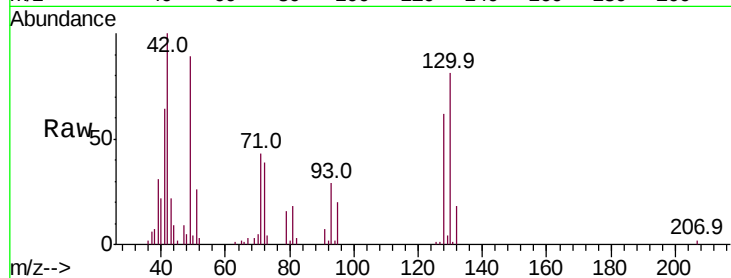
Tot Ion: 42 Resp: 58459

Ion Ratio Lower Upper

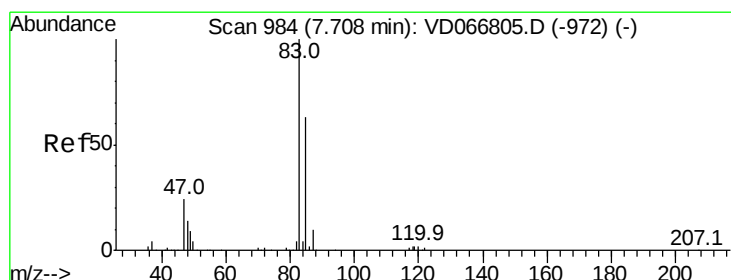
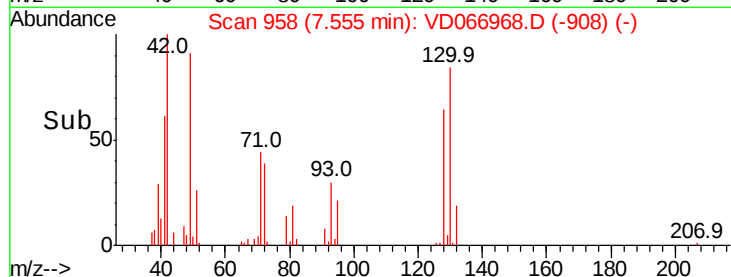
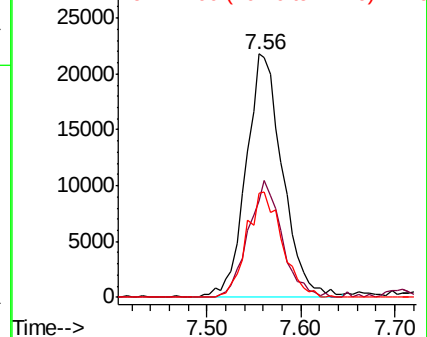
42 100

72 44.1 36.2 54.4

71 42.0 32.4 48.6



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: 19.504 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066968.D

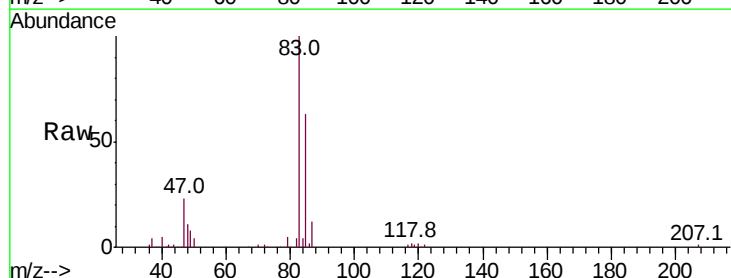
Acq: 30 Sep 2020 12:41

Tgt Ion: 83 Resp: 165970

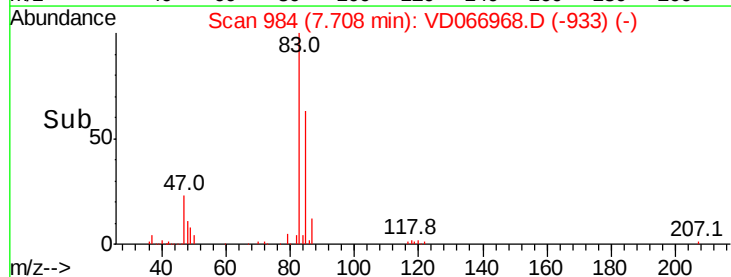
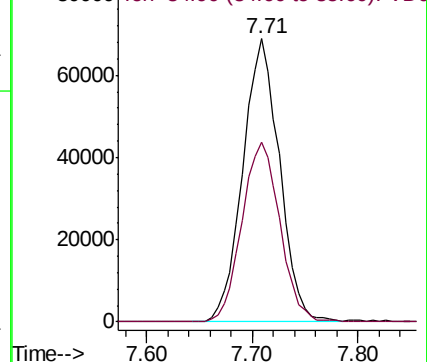
Ion Ratio Lower Upper

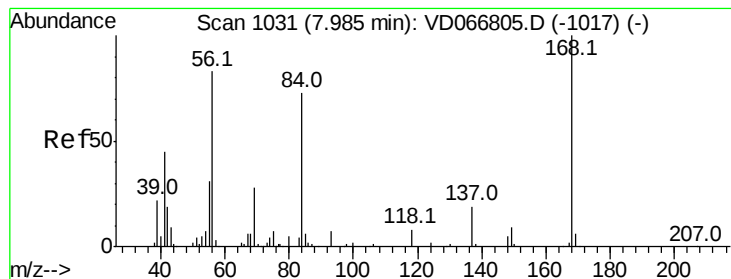
83 100

85 63.5 50.6 75.8



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





#31

Cyclohexane

Concen: 19.191 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleID :

VD0930SBS01

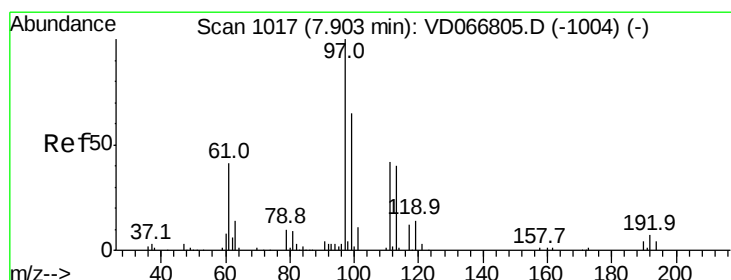
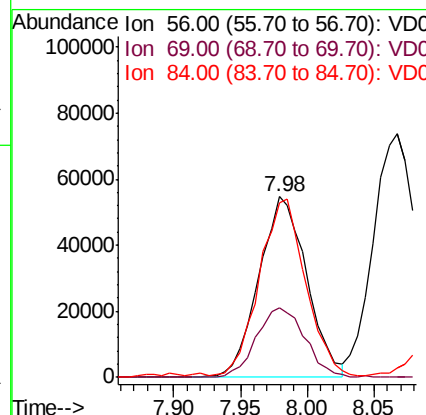
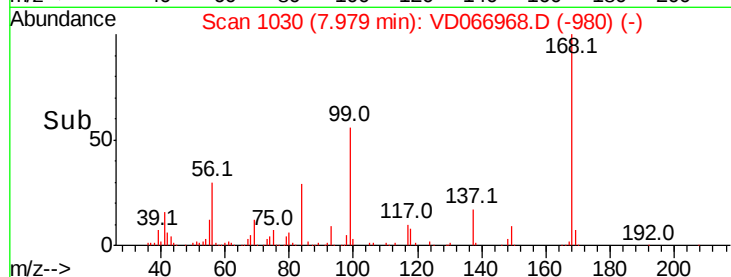
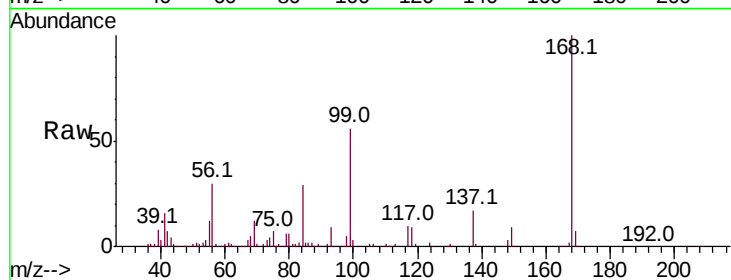
Tot Ion: 56 Resp: 136321

Ion Ratio Lower Upper

56 100

69 38.5 27.0 40.4

84 95.2 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 20.297 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

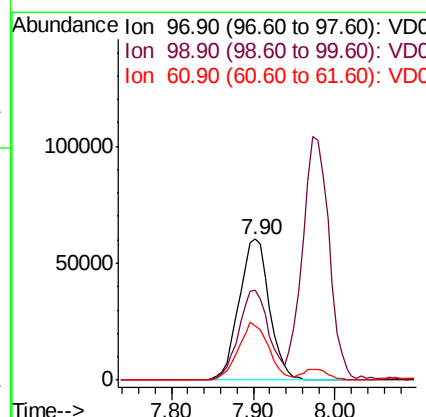
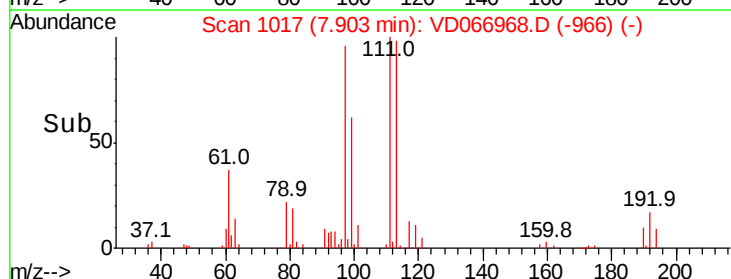
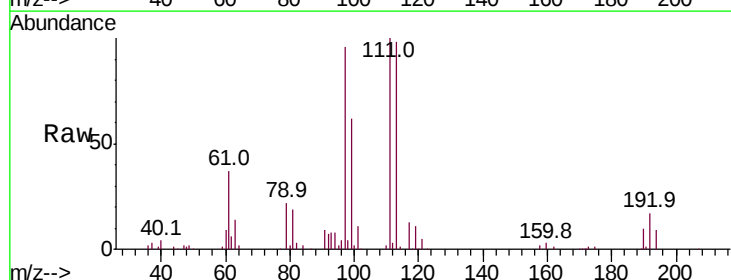
Tgt Ion: 97 Resp: 156245

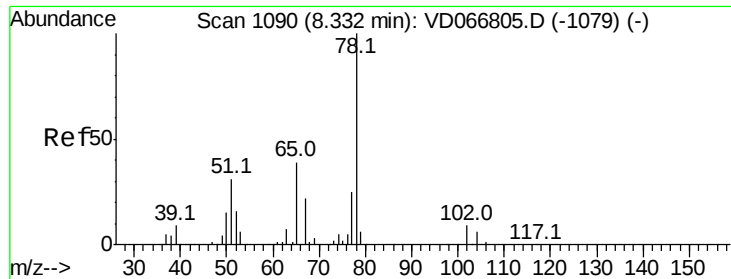
Ion Ratio Lower Upper

97 100

99 63.6 51.5 77.3

61 41.0 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 43.599 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

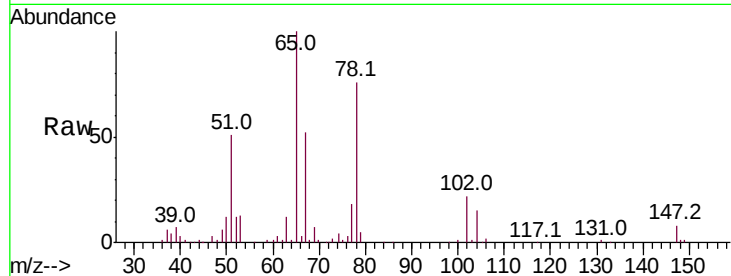
VD0930SBS01

Tot Ion: 65 Resp: 170325

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

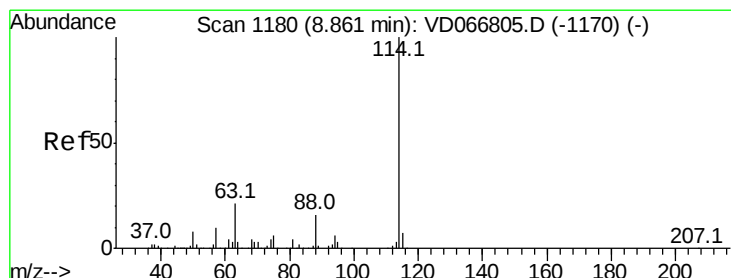
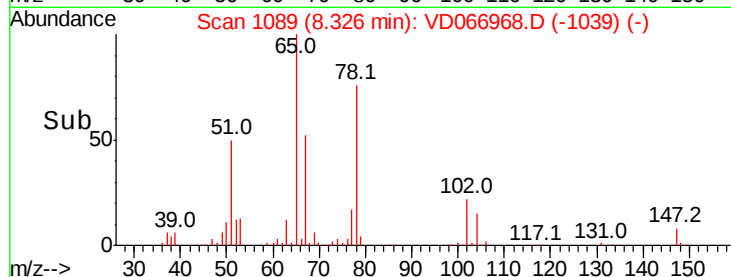
60000

40000

20000

0

Time--> 8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

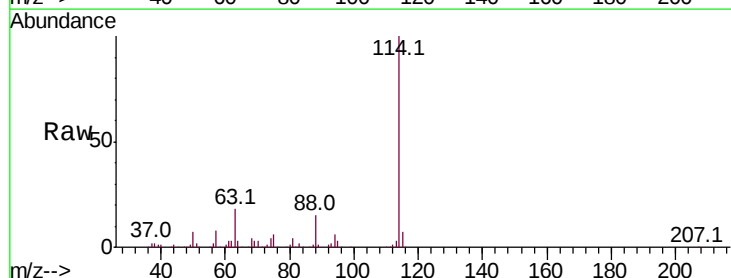
Tgt Ion:114 Resp: 617942

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

88 15.5 0.0 32.6



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

400000

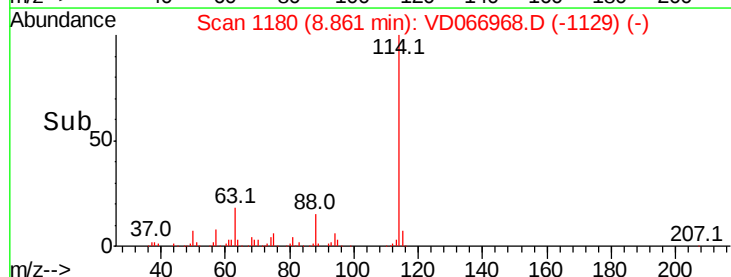
300000

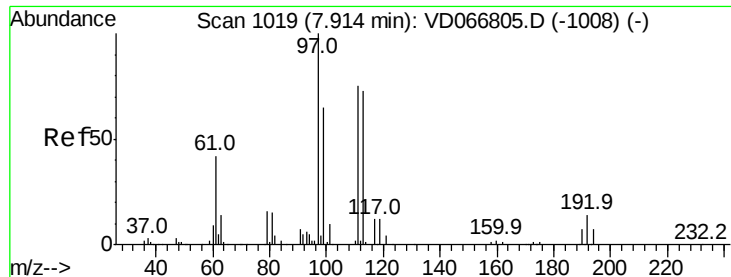
200000

100000

0

Time--> 8.80 8.90 9.00

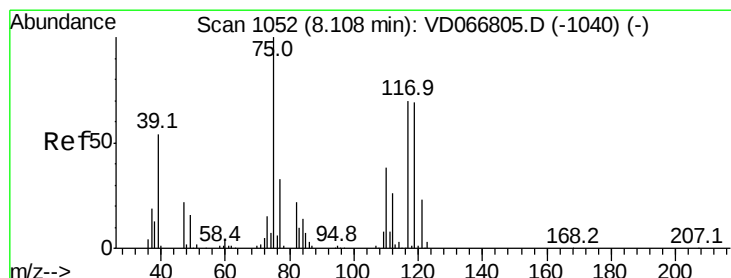
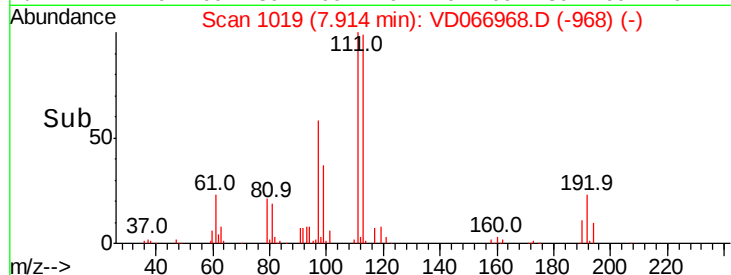
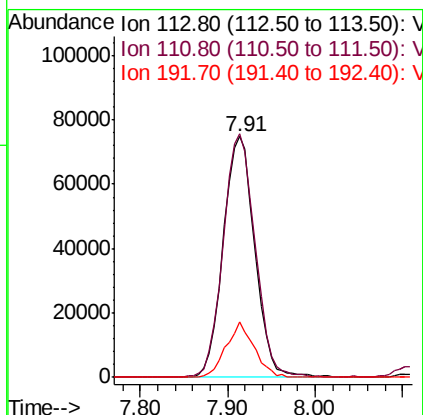
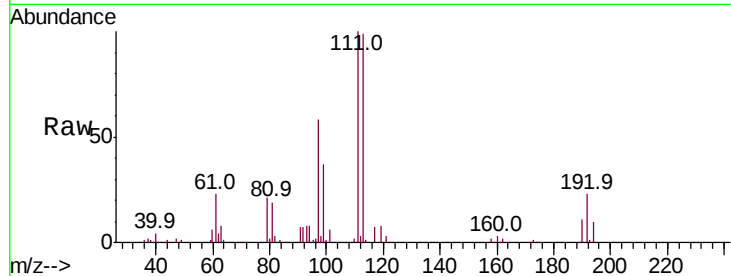




#35
 Dibromofluoromethane
 Concen: 46.867 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

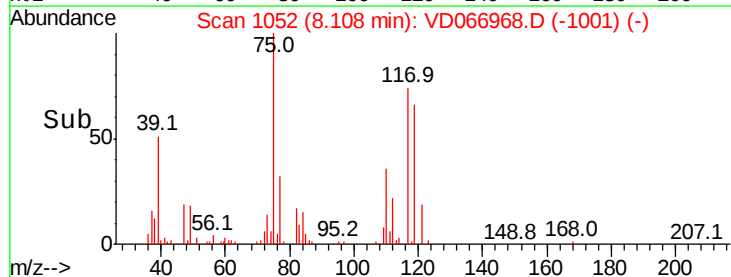
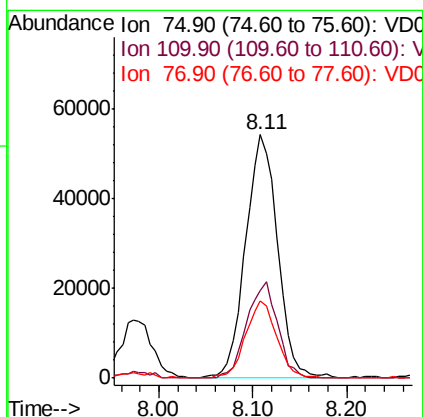
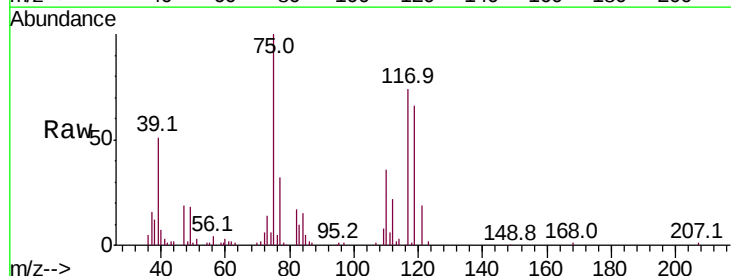
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

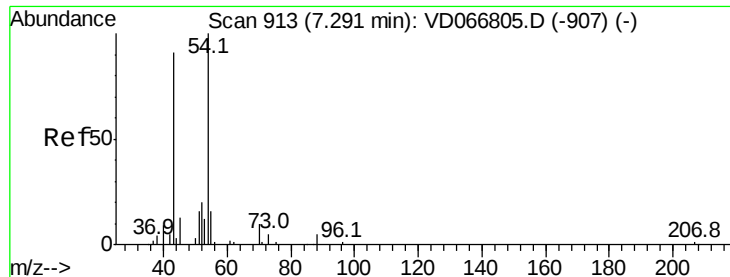
Tot Ion:113 Resp: 184250
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.8
 192 20.4 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 20.856 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Tgt Ion: 75 Resp: 127856
 Ion Ratio Lower Upper
 75 100
 110 38.1 17.9 53.8
 77 30.7 25.0 37.6

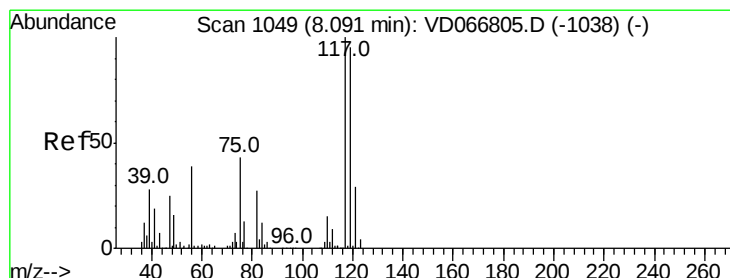
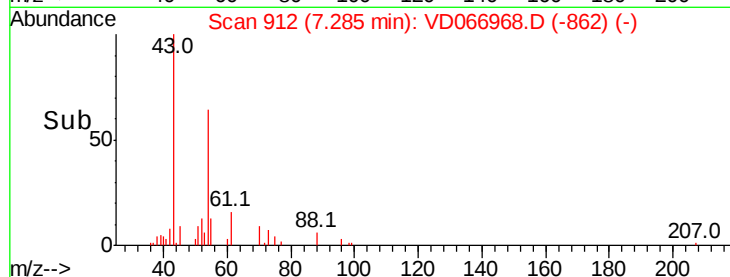
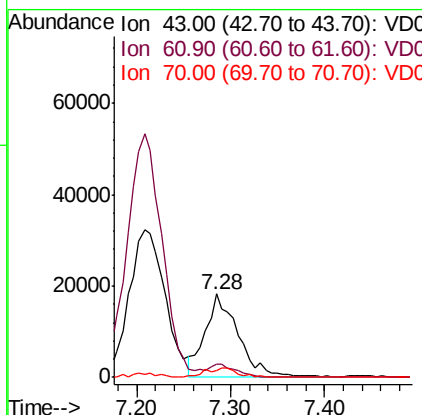
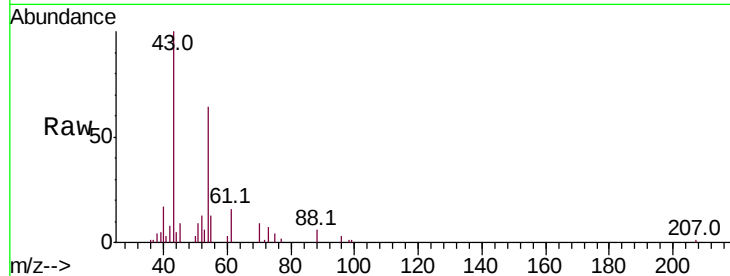




#37
Ethyl Acetate
Concen: 20.357 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

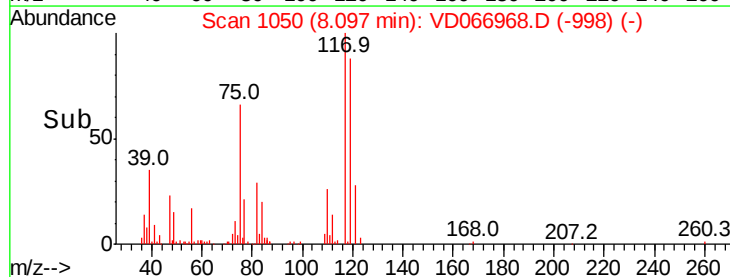
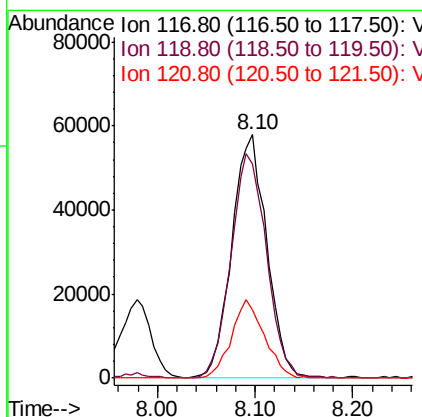
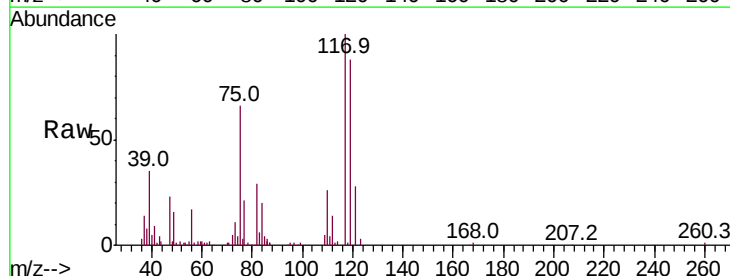
Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

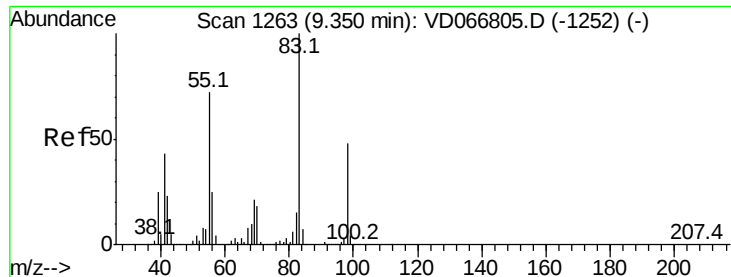
Tot Ion: 43 Resp: 45115
Ion Ratio Lower Upper
43 100
61 12.7 9.8 14.8
70 10.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 21.447 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Tgt Ion: 117 Resp: 143745
Ion Ratio Lower Upper
117 100
119 88.1 75.8 113.8
121 28.2 23.4 35.0

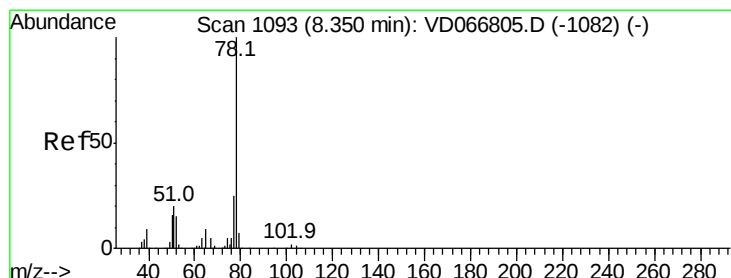
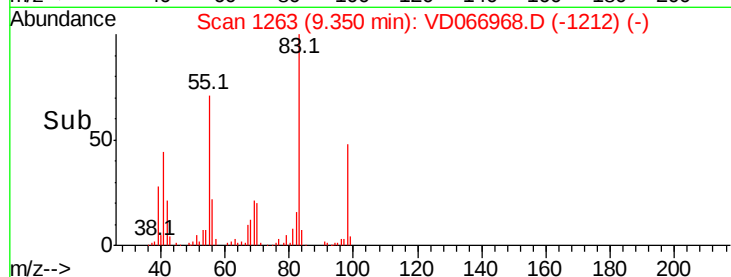
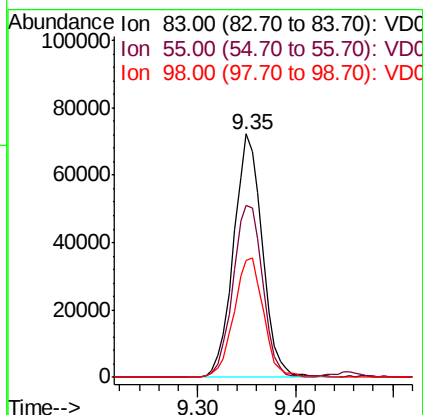
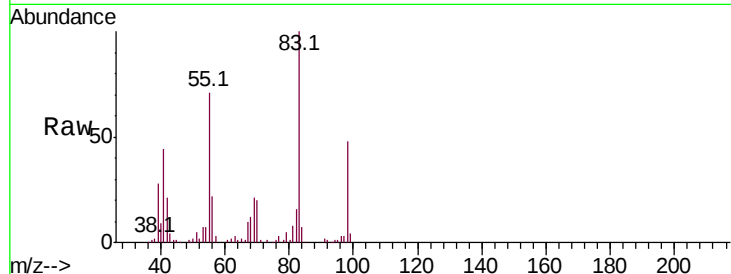




#39
Methvlcvclohexane
Concen: 21.020 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

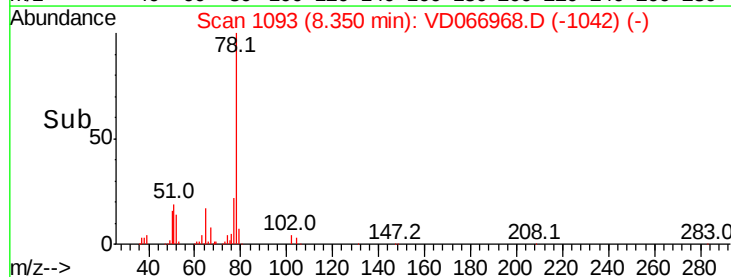
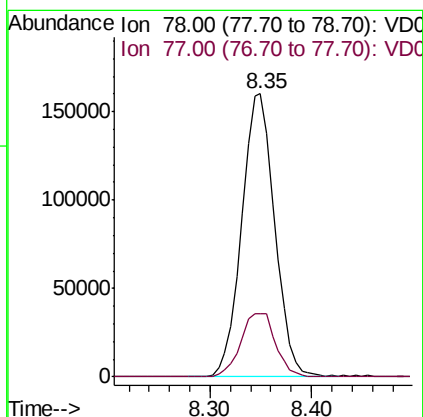
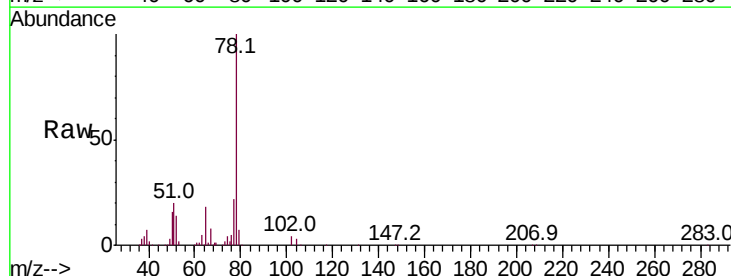
Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

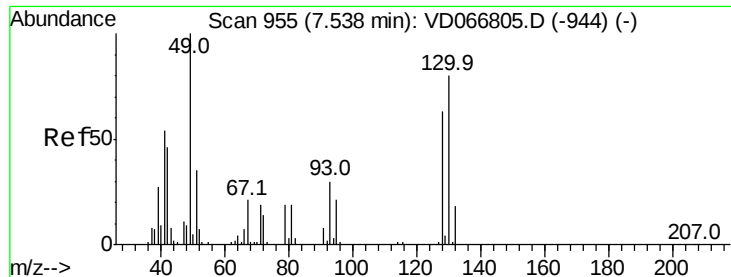
Tot Ion	83	Resp	147952
Ion Ratio	Lower	Upper	
83	100		
55	70.8	57.7	86.5
98	48.3	38.4	57.6



#40
Benzene
Concen: 21.180 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Tgt Ion	78	Resp	361869
Ion Ratio	Lower	Upper	
78	100		
77	22.2	19.9	29.9

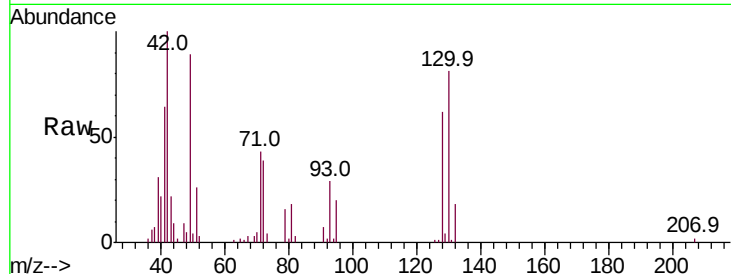




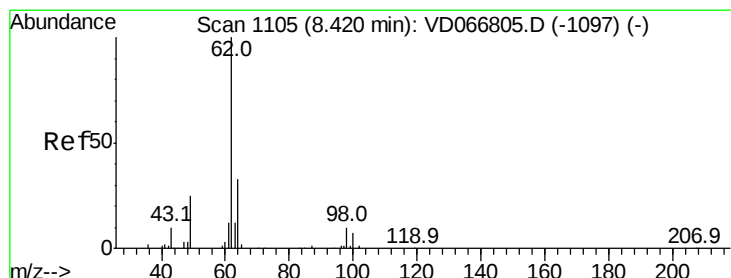
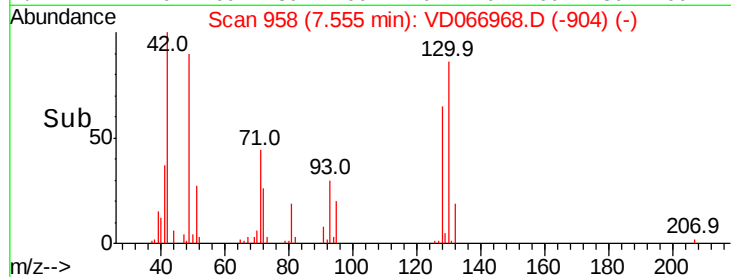
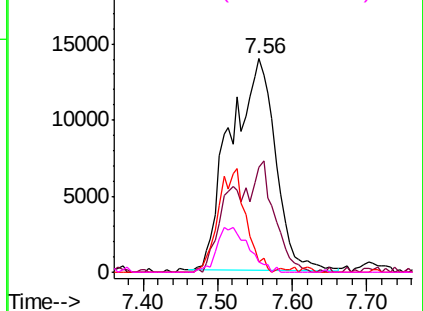
#41
Methacrylonitrile
Concen: 43.120 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.02 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

Tot Ion: 41 Resp: 58769
Ion Ratio Lower Upper
41 100
39 23.6 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

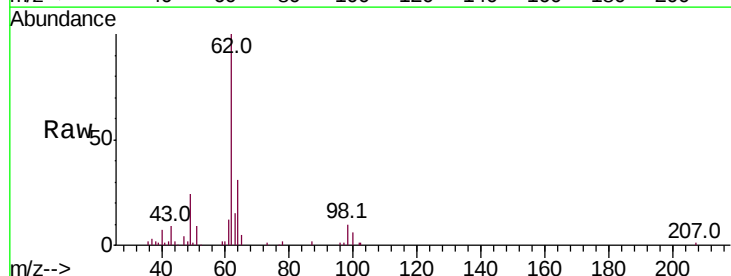


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

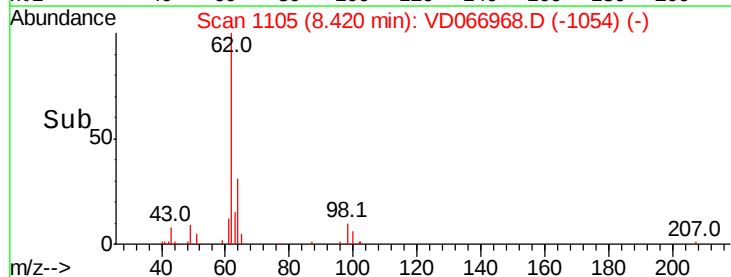
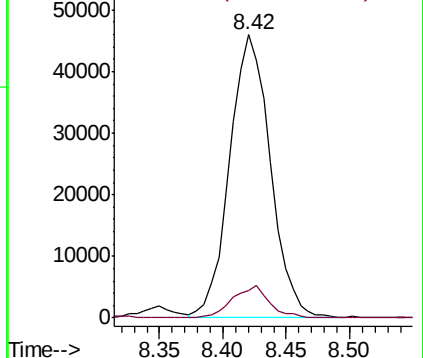


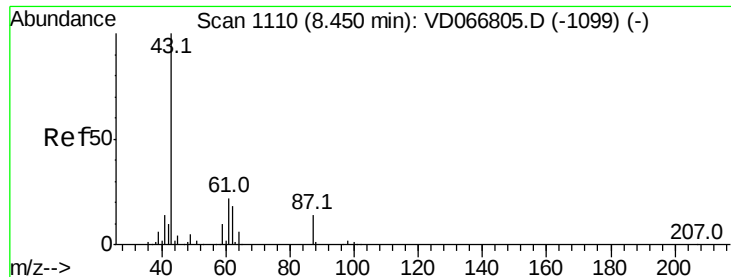
#42
1,2-Dichloroethane
Concen: 20.316 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Tgt Ion: 62 Resp: 102614
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8



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





#43

Isopropyl Acetate

Concen: 18.449 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBS01

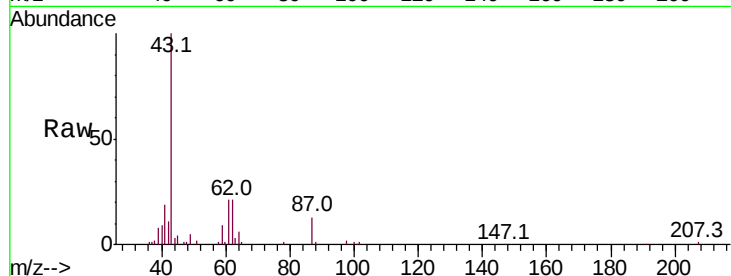
Tot Ion: 43 Resp: 78827

Ion Ratio Lower Upper

43 100

61 33.8 26.2 39.4

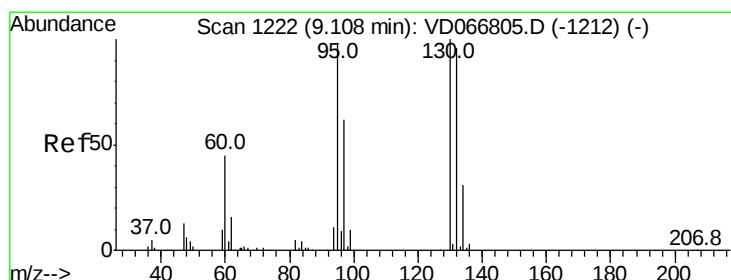
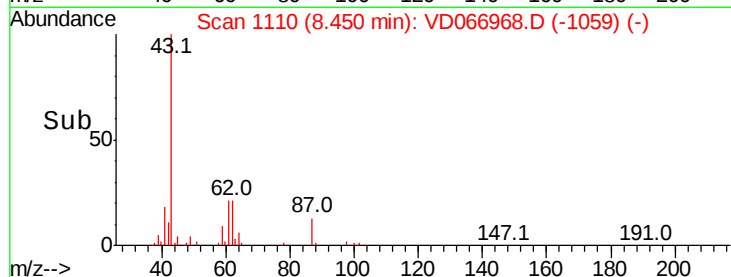
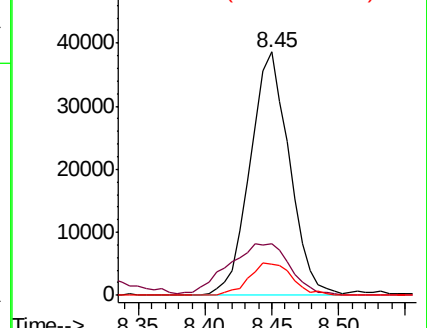
87 14.5 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.484 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066968.D

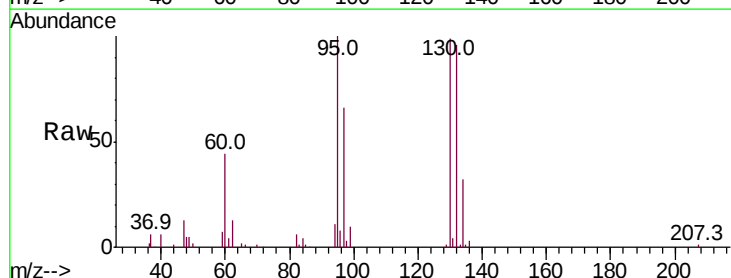
Acq: 30 Sep 2020 12:41

Tgt Ion:130 Resp: 104626

Ion Ratio Lower Upper

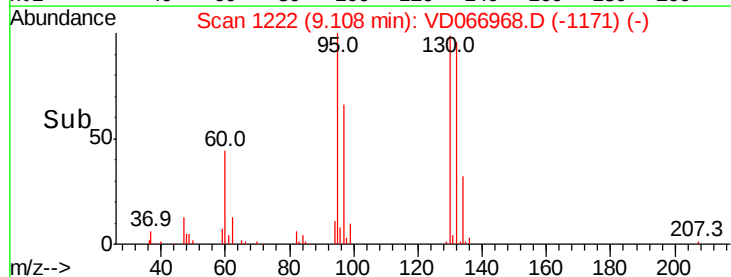
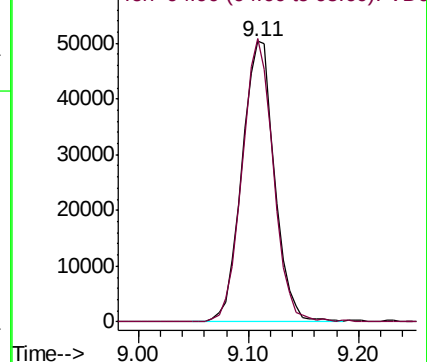
130 100

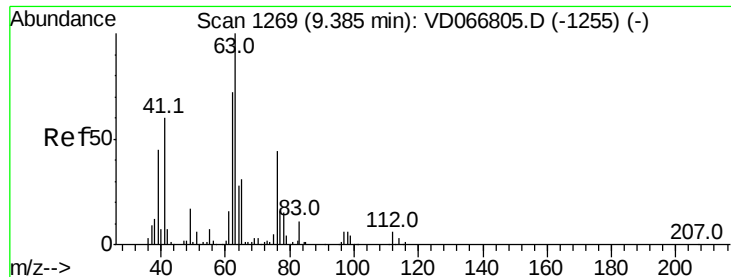
95 100.9 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.318 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

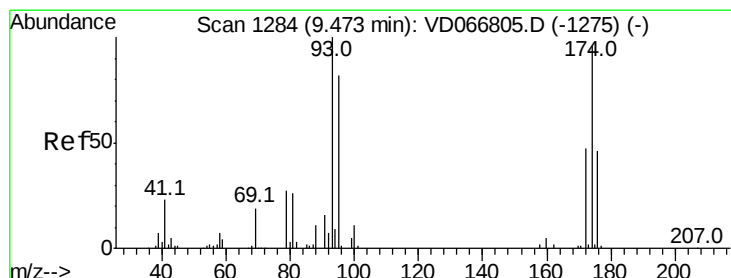
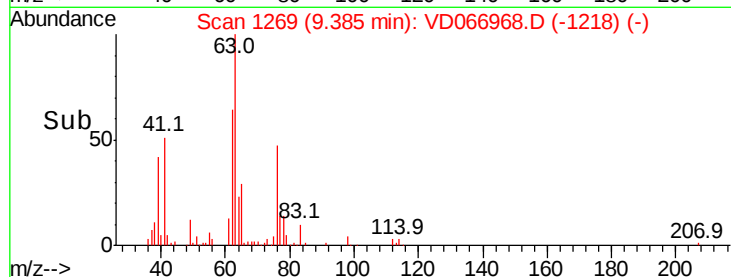
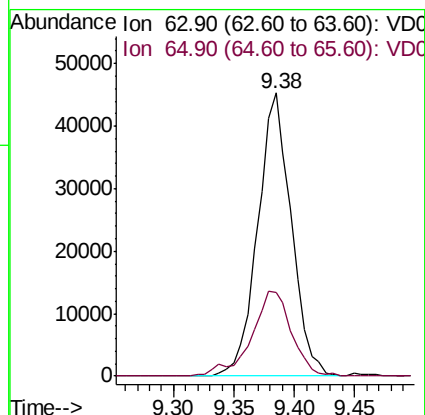
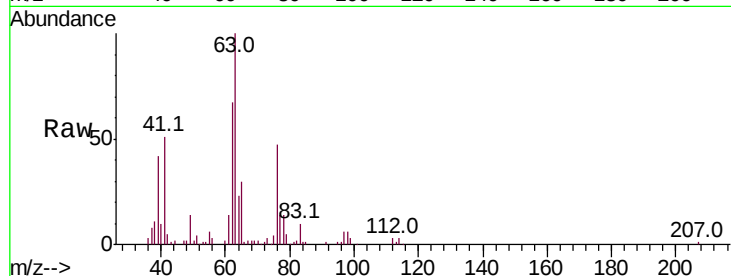
VD0930SBS01

Tot Ion: 63 Resp: 87341

Ion Ratio Lower Upper

63 100

65 29.7 24.7 37.1



#46

Dibromomethane

Concen: 21.046 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

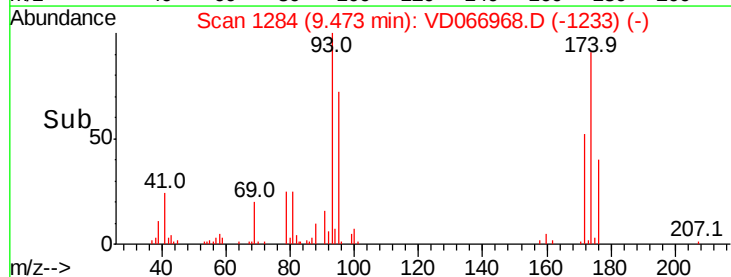
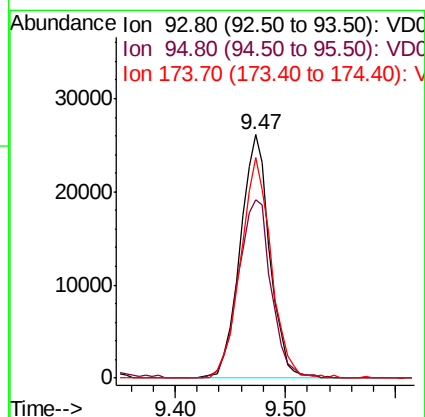
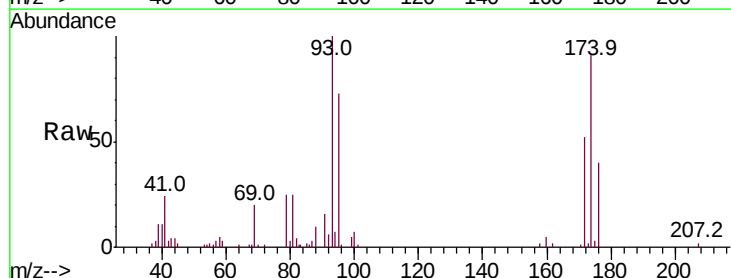
Tgt Ion: 93 Resp: 49156

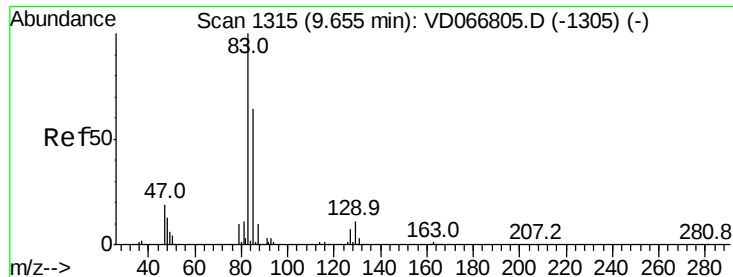
Ion Ratio Lower Upper

93 100

95 81.2 65.3 97.9

174 93.9 75.4 113.2





#47

Bromodichloromethane

Concen: 20.394 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBS01

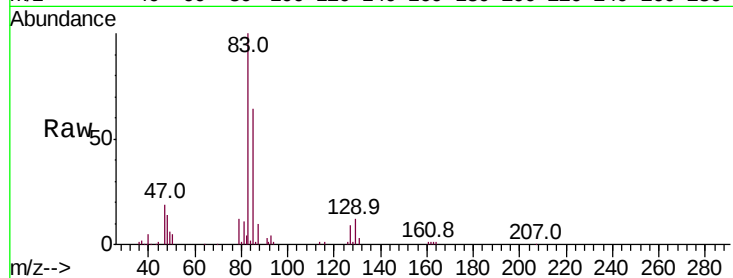
Tot Ion: 83 Resp: 127959

Ion Ratio Lower Upper

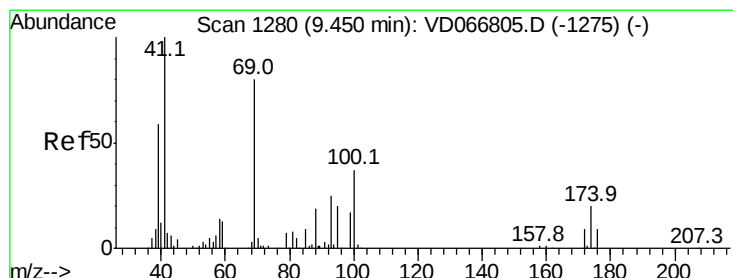
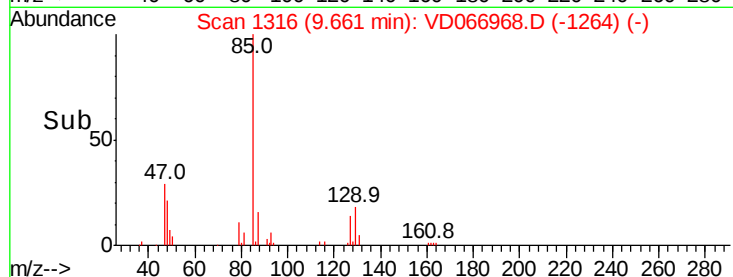
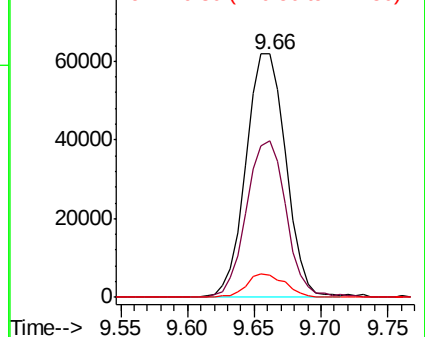
83 100

85 64.4 50.9 76.3

127 9.1 5.9 8.9#



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



#48

Methyl methacrylate

Concen: 20.613 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

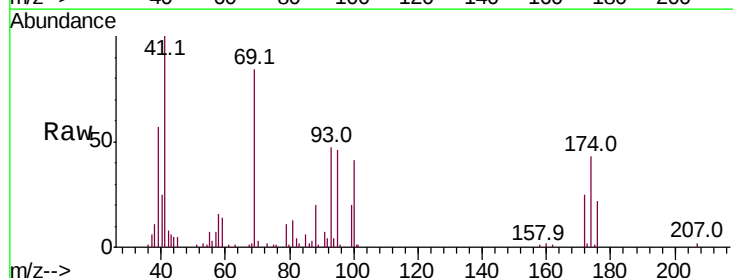
Tgt Ion: 41 Resp: 43425

Ion Ratio Lower Upper

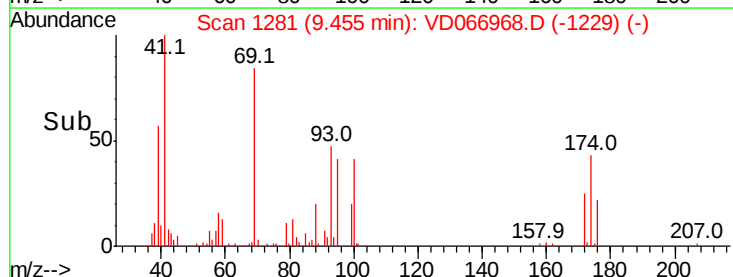
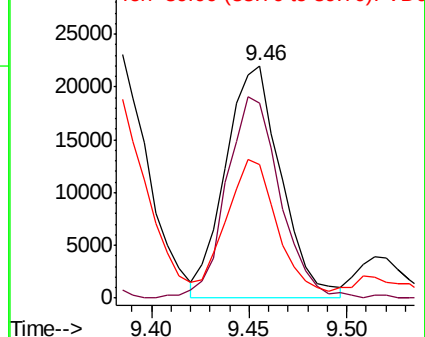
41 100

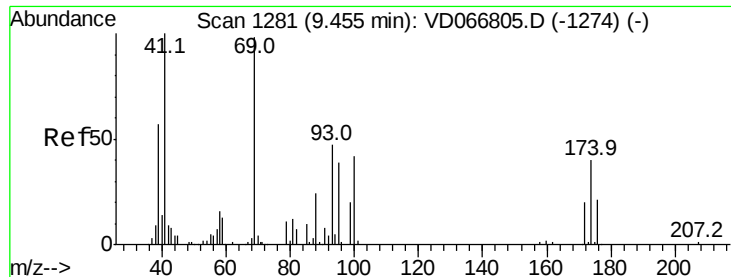
69 83.4 74.5 111.7

39 50.3 47.0 70.6



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: 320.767 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBS01

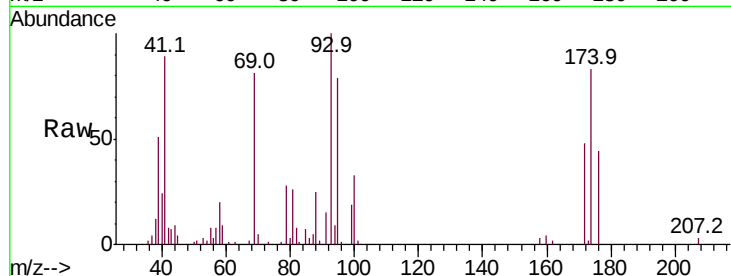
Tot Ion: 88 Resp: 10363

Ion Ratio Lower Upper

88 100

43 33.8 27.7 41.5

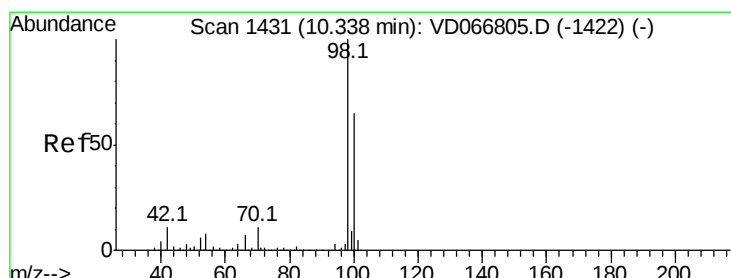
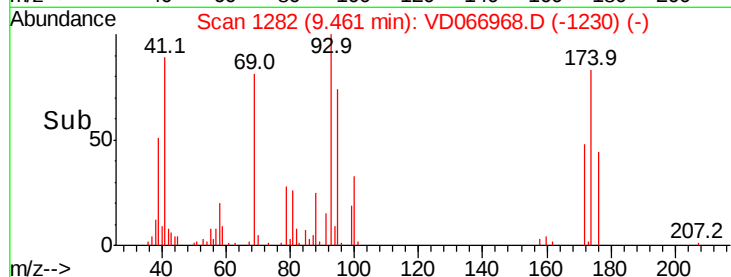
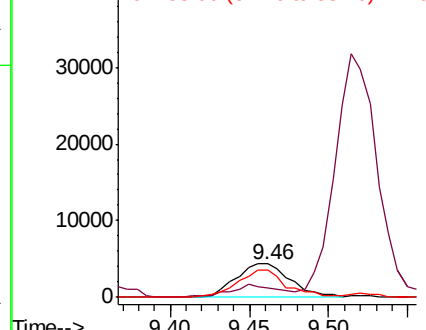
58 73.3 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 48.175 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066968.D

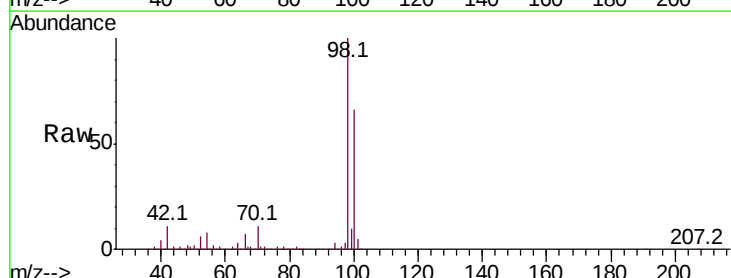
Acq: 30 Sep 2020 12:41

Tgt Ion: 98 Resp: 645297

Ion Ratio Lower Upper

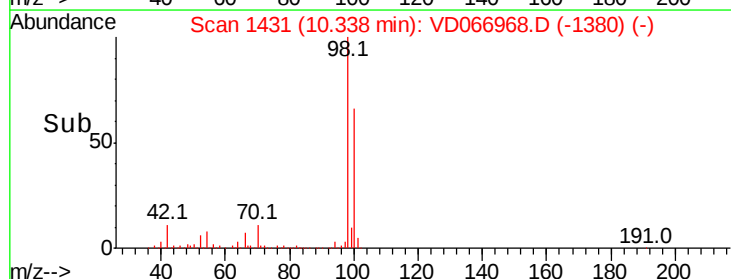
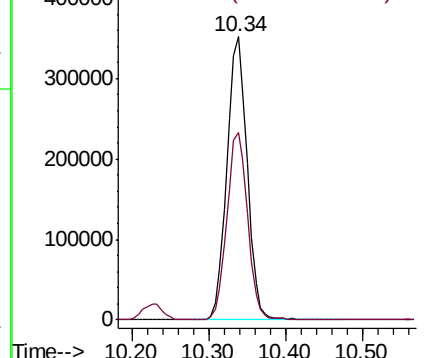
98 100

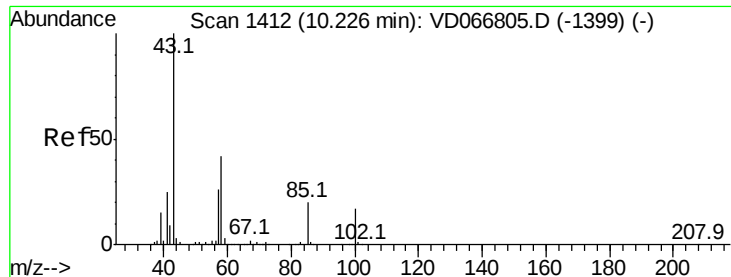
100 67.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 93.406 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

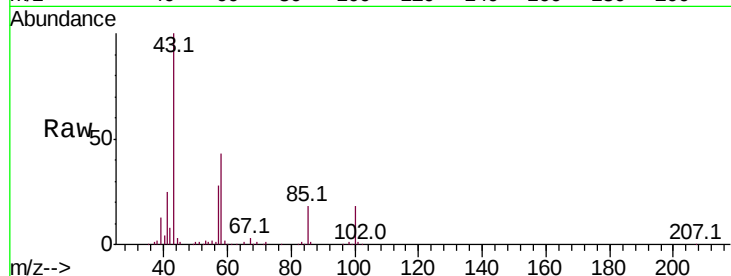
VD0930SBS01

Tot Ion: 43 Resp: 202226

Ion Ratio Lower Upper

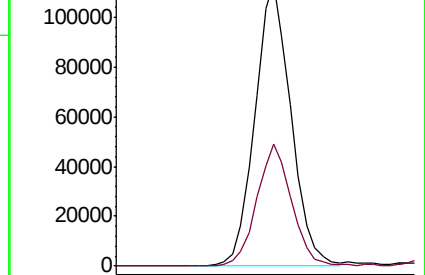
43 100

58 42.1 32.2 48.4

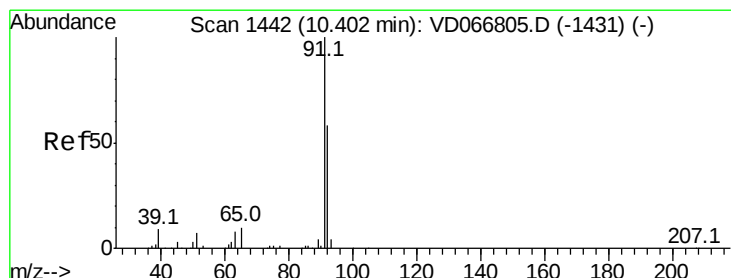
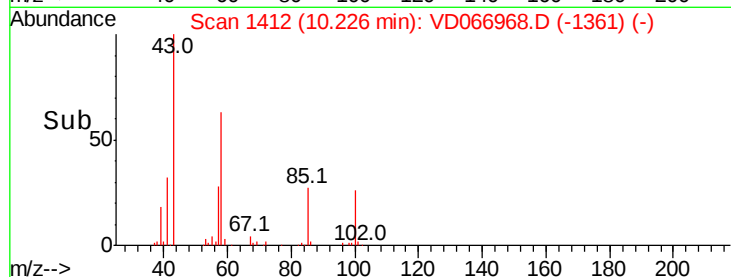


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



#52

Toluene

Concen: 21.377 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066968.D

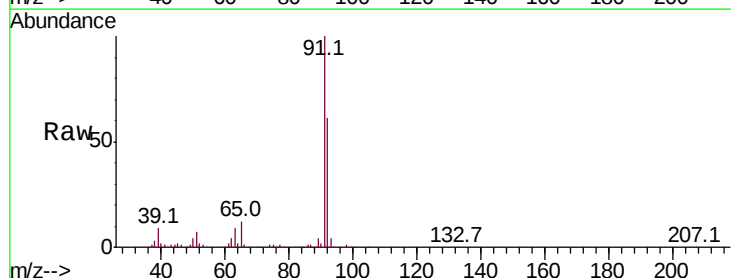
Acq: 30 Sep 2020 12:41

Tgt Ion: 92 Resp: 235264

Ion Ratio Lower Upper

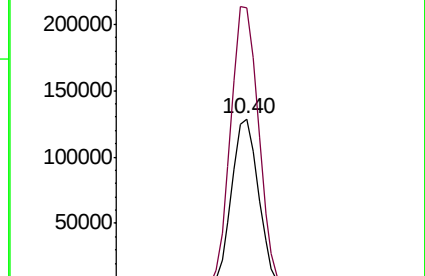
92 100

91 169.8 134.6 202.0

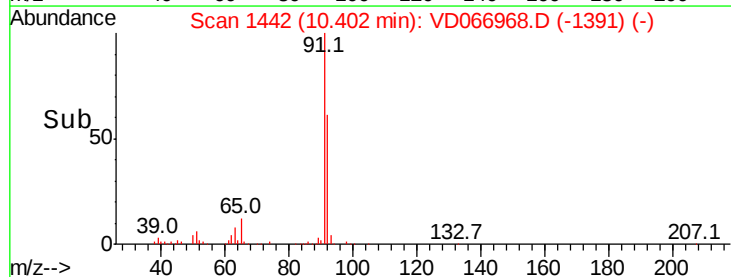


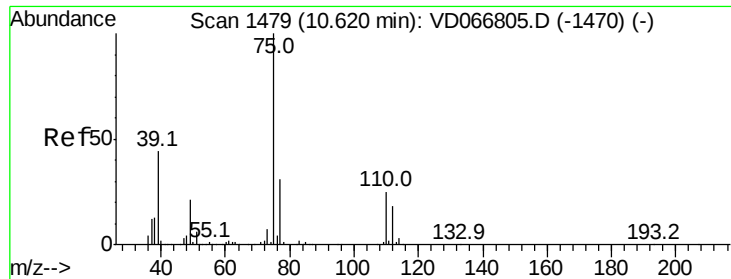
Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



Time-->

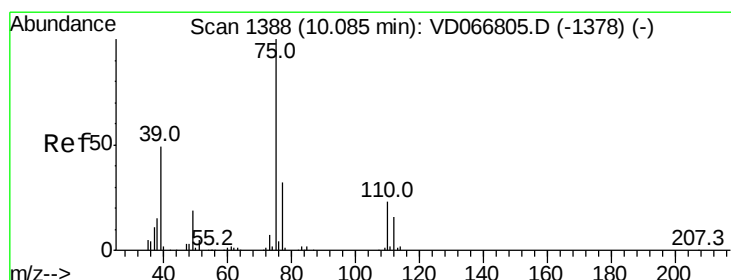
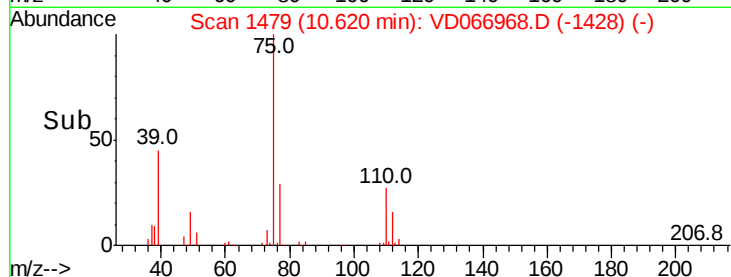
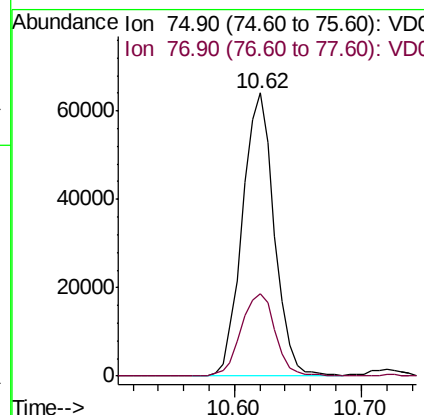
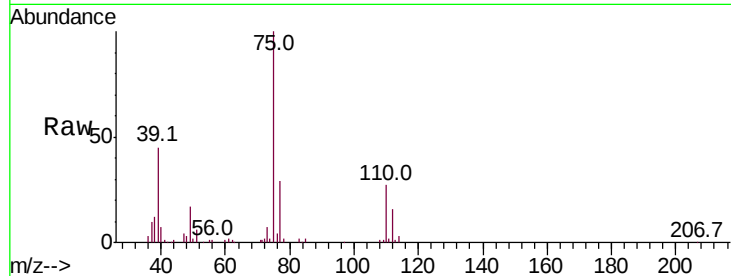




#53
 t-1,3-Dichloropropene
 Concen: 20.917 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

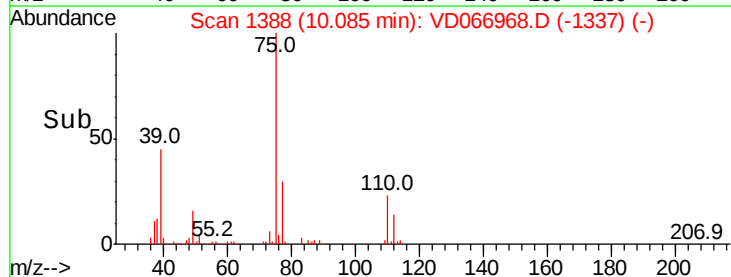
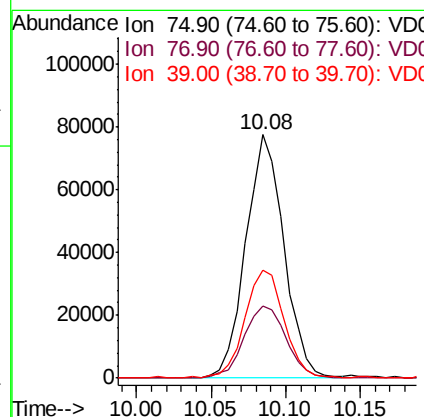
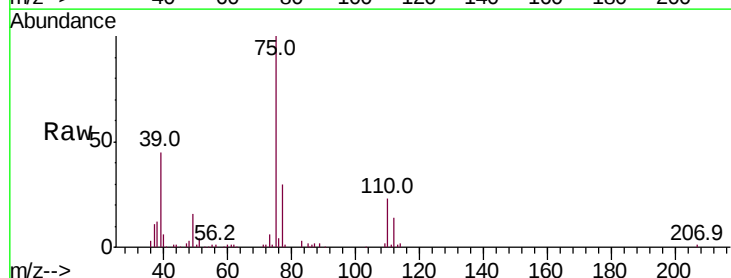
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

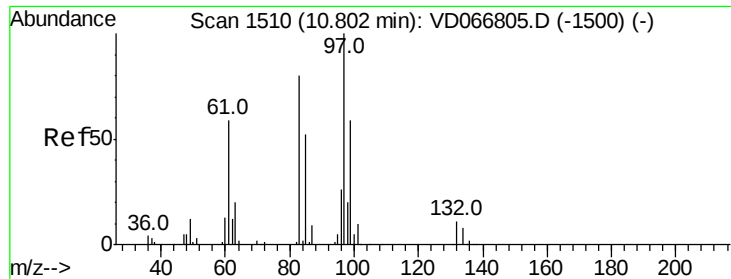
Tot Ion: 75 Resp: 111701
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.985 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Tgt Ion: 75 Resp: 136644
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.6 38.4
 39 44.3 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.591 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBS01

Tot Ion: 97 Resp: 66115

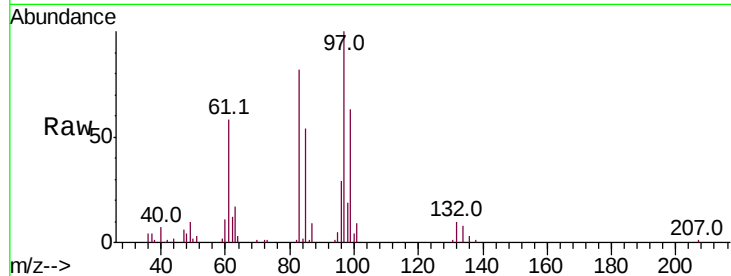
Ion Ratio Lower Upper

97 100

83 82.0 64.2 96.2

85 53.9 41.9 62.9

99 63.2 47.5 71.3



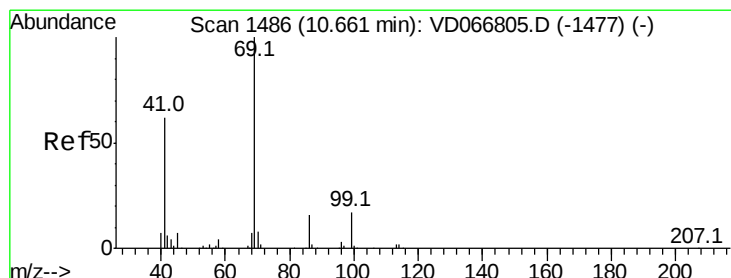
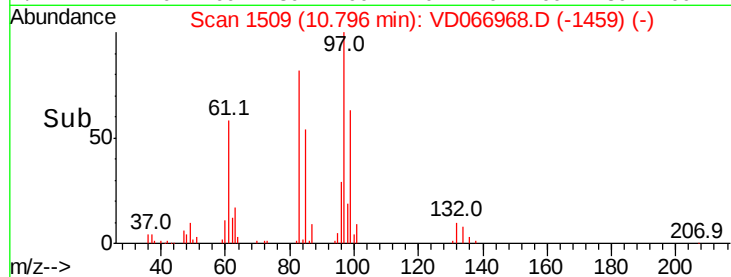
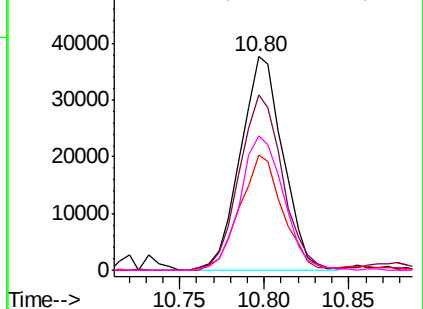
Abundance

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: 19.631 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

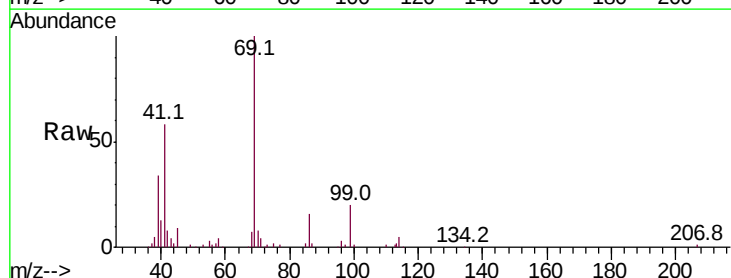
Tgt Ion: 69 Resp: 67524

Ion Ratio Lower Upper

69 100

41 61.4 52.2 78.2

39 30.8 26.6 40.0

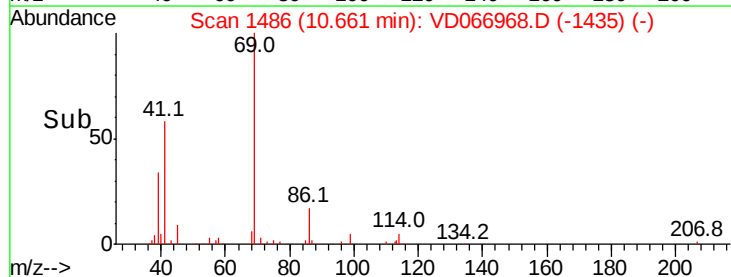
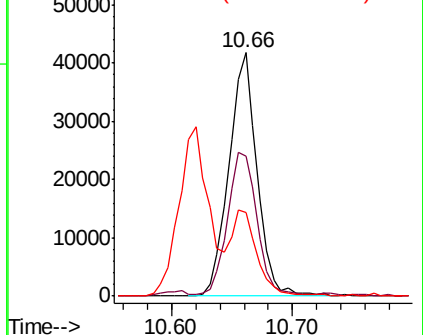


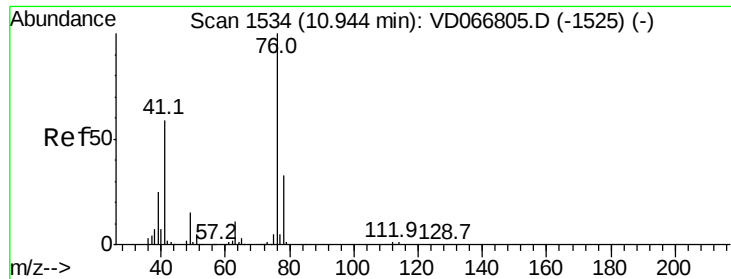
Abundance

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

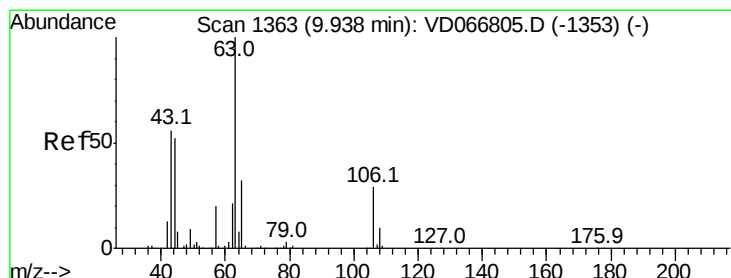
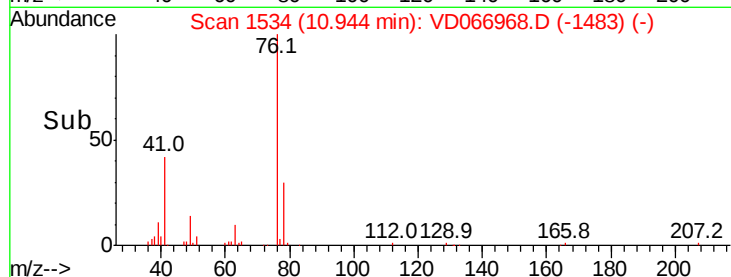
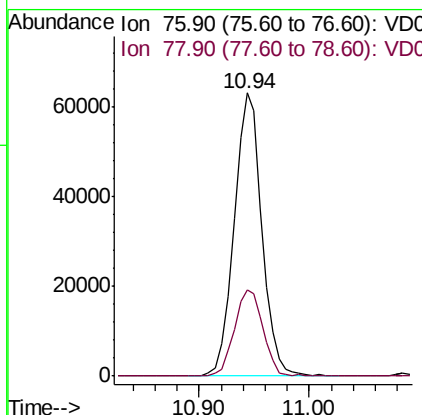
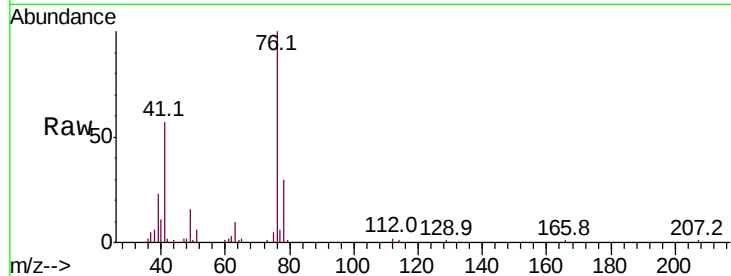




#57
 1,3-Dichloropropane
 Concen: 20.912 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

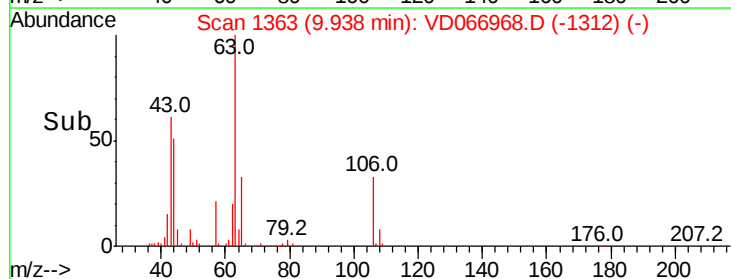
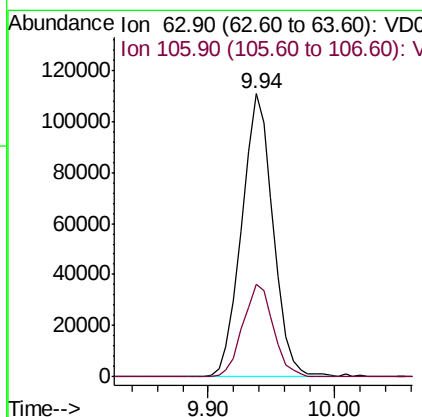
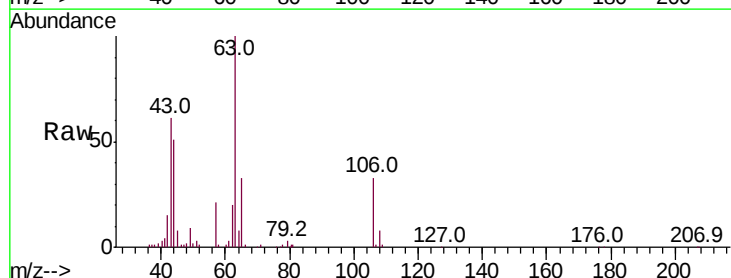
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

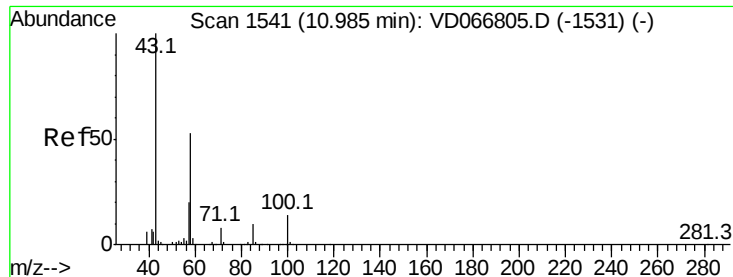
Tot Ion: 76 Resp: 110870
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.877 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Tgt Ion: 63 Resp: 190353
 Ion Ratio Lower Upper
 63 100
 106 32.4 23.8 35.6

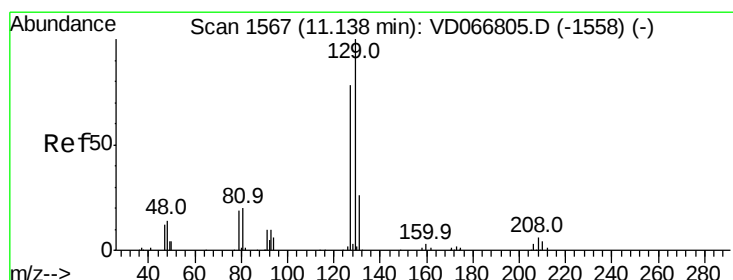
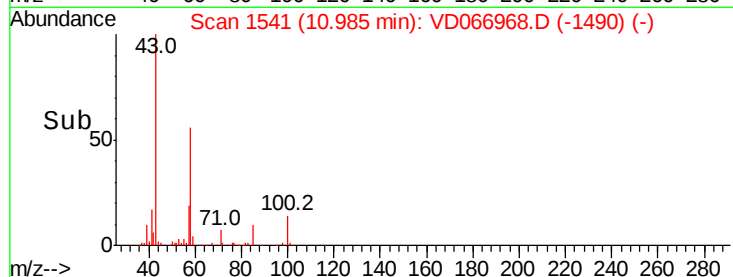
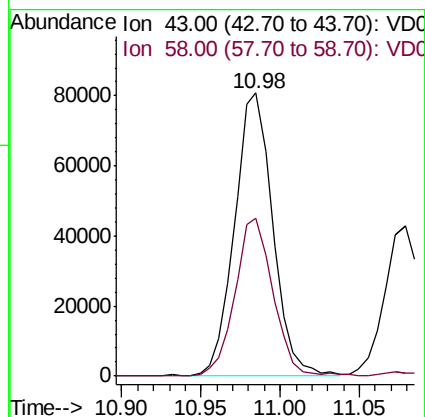
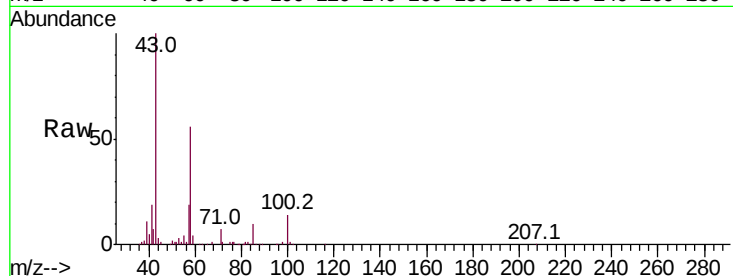




#59
2-Hexanone
Concen: 92.756 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

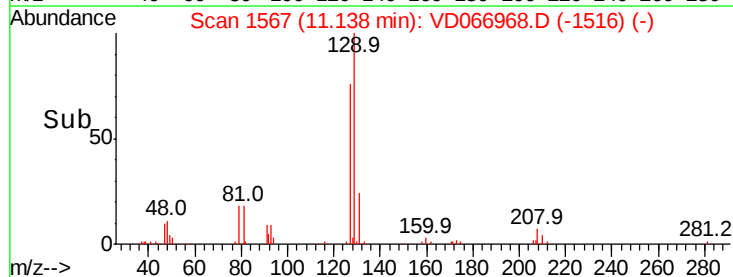
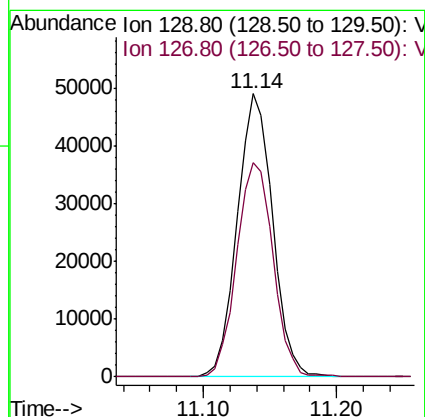
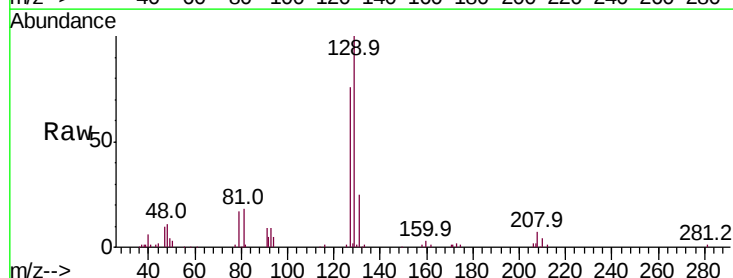
Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

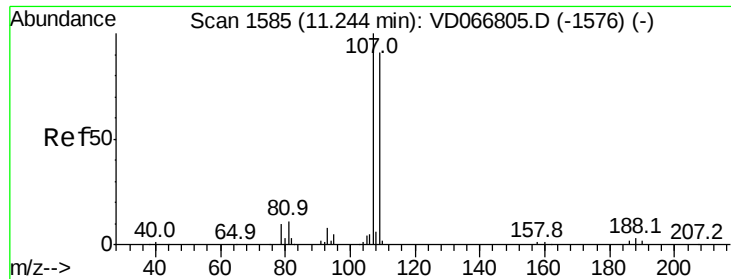
Tot Ion: 43 Resp: 135427
Ion Ratio Lower Upper
43 100
58 55.4 27.0 80.8



#60
Dibromochloromethane
Concen: 21.410 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Tgt Ion: 129 Resp: 89721
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

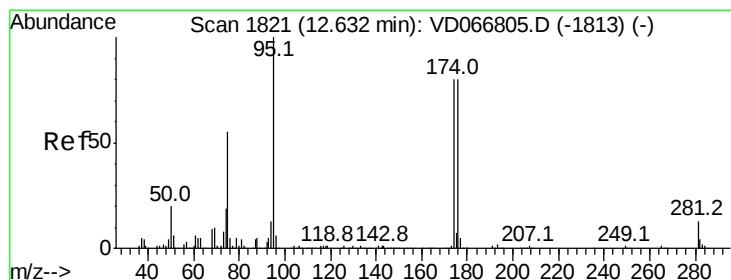
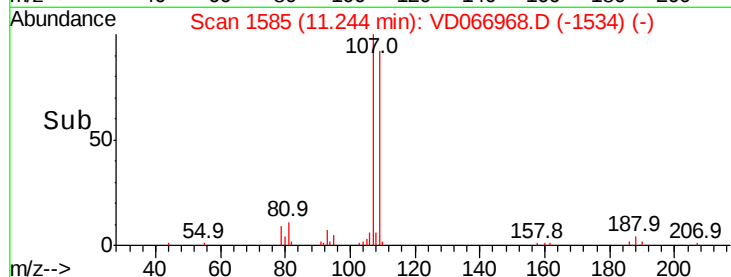
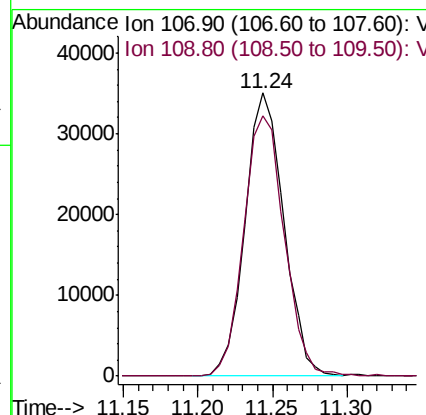
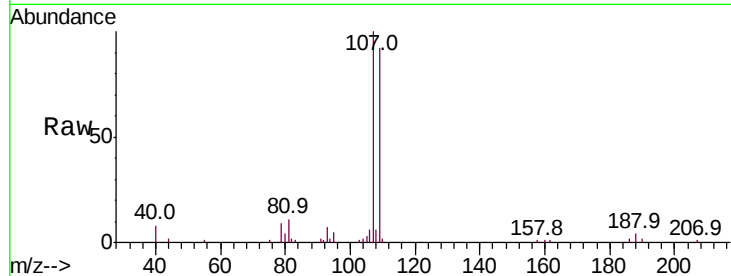




#61
 1,2-Dibromoethane
 Concen: 21.098 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

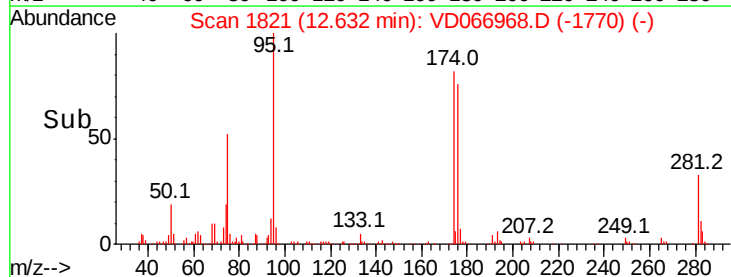
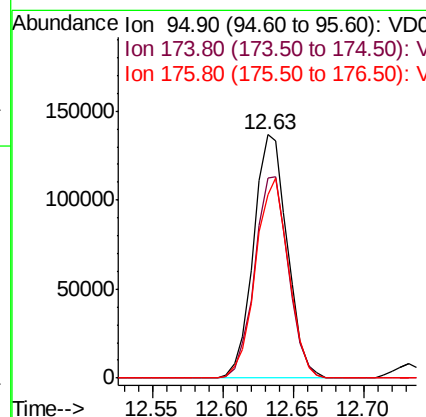
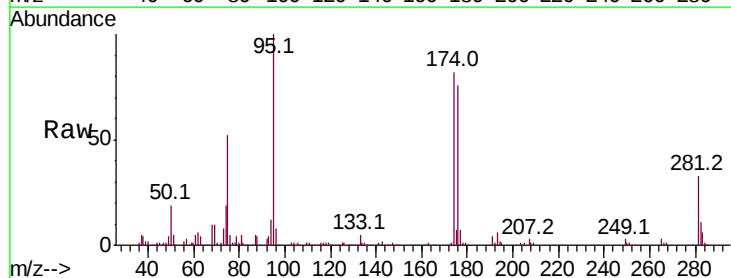
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

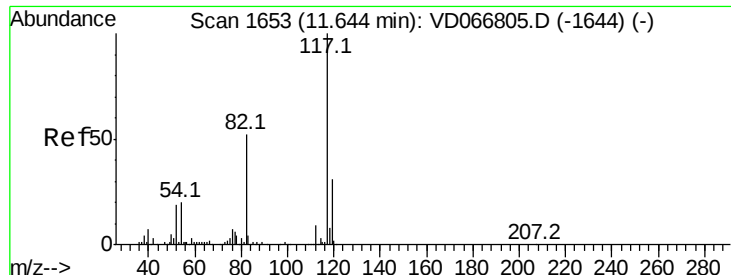
Tot Ion:107 Resp: 63008
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 50.227 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Tgt Ion: 95 Resp: 230316
 Ion Ratio Lower Upper
 95 100
 174 82.4 0.0 159.8
 176 80.1 0.0 154.4

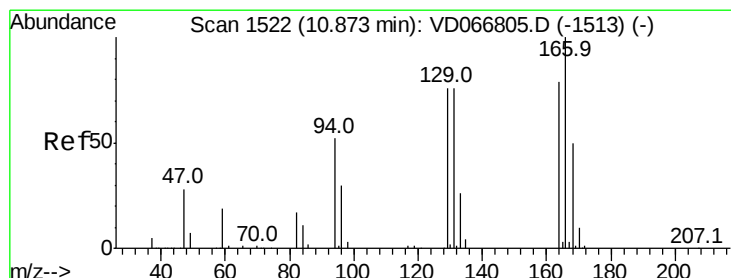
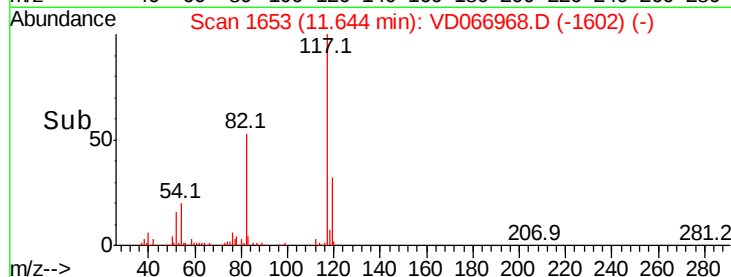
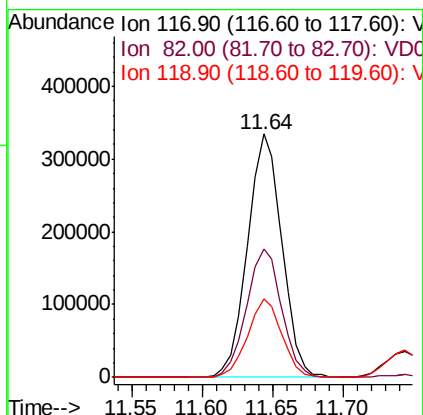
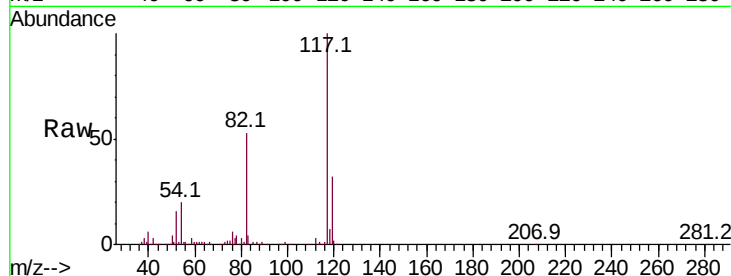




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

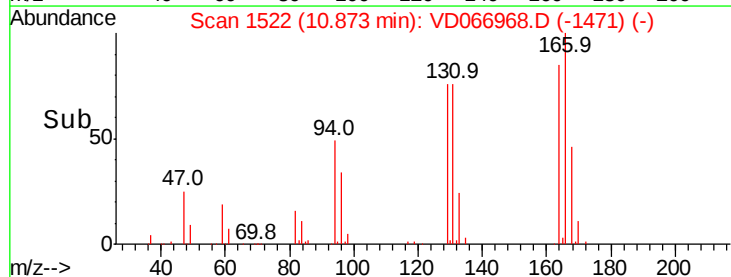
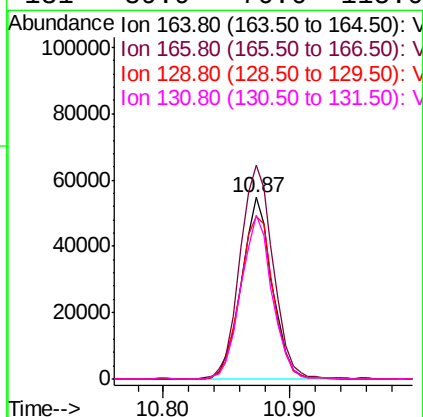
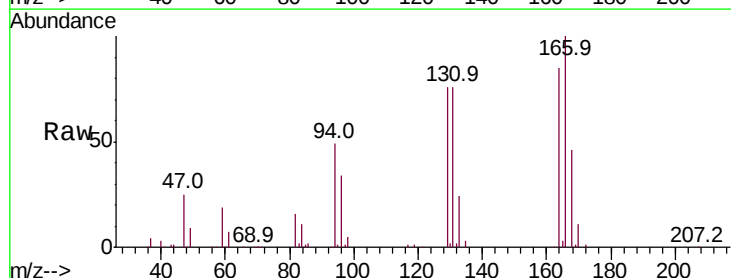
Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

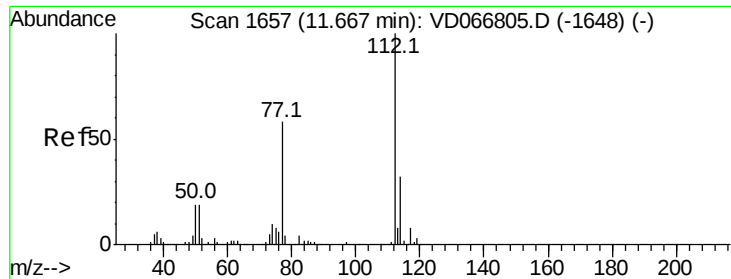
Tot Ion:117 Resp: 571488
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.6
119 32.4 24.6 37.0



#64
Tetrachloroethene
Concen: 22.413 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Tgt Ion:164 Resp: 92134
Ion Ratio Lower Upper
164 100
166 117.6 101.1 151.7
129 89.5 77.0 115.4
131 89.9 76.6 115.0

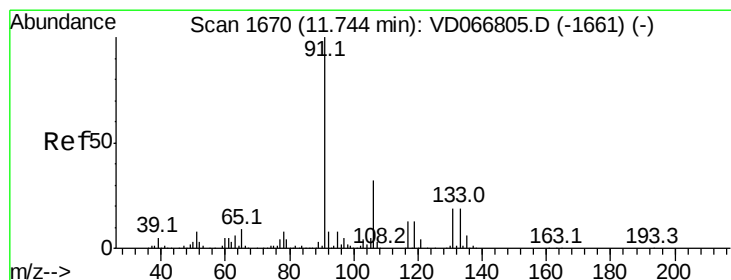
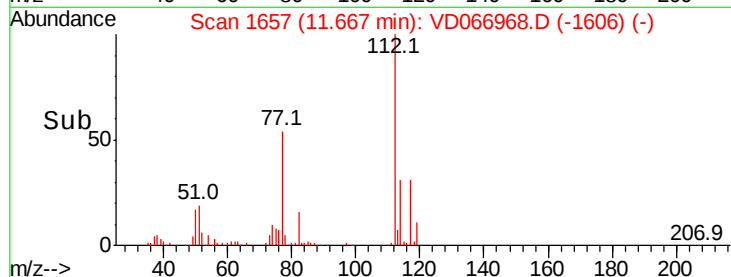
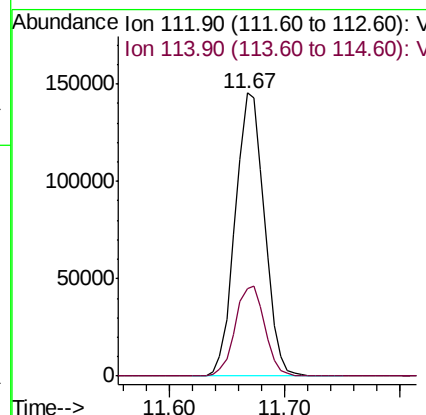
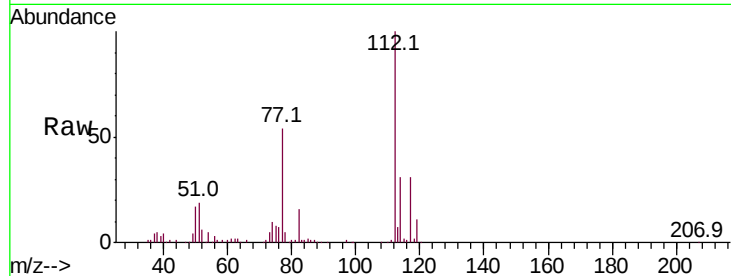




#65
Chlorobenzene
Concen: 21.435 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

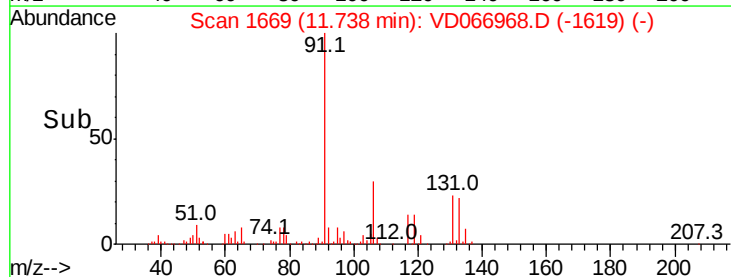
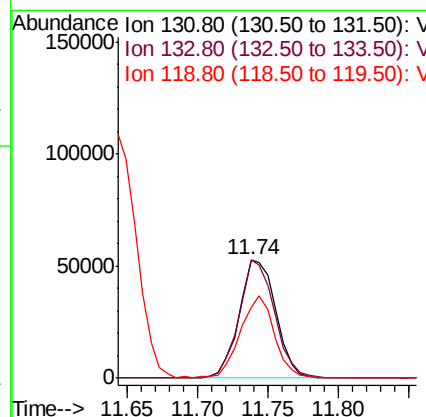
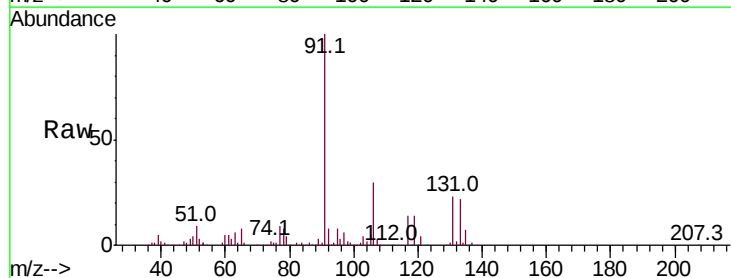
Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

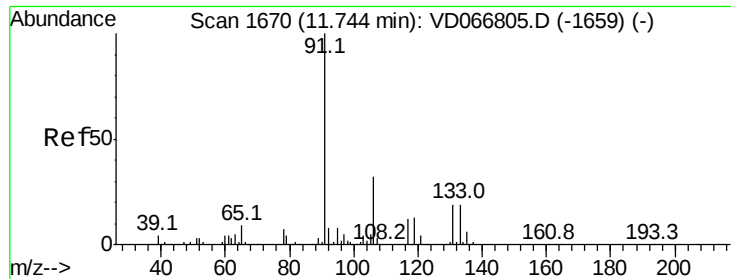
Tot Ion:112 Resp: 254990
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.311 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Tgt Ion:131 Resp: 95949
Ion Ratio Lower Upper
131 100
133 96.5 46.7 140.1
119 65.0 32.3 96.9





#67

Ethyl Benzene

Concen: 21.053 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

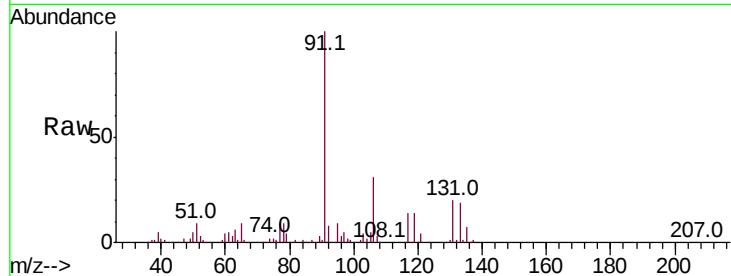
VD0930SBS01

Tot Ion: 91 Resp: 439853

Ion Ratio Lower Upper

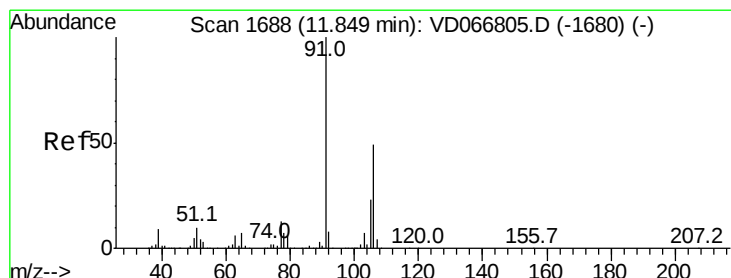
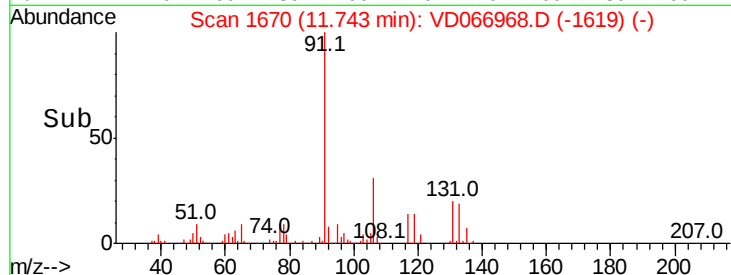
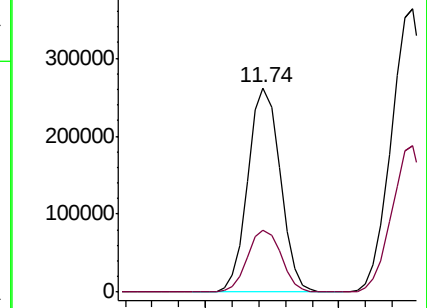
91 100

106 30.6 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 43.956 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066968.D

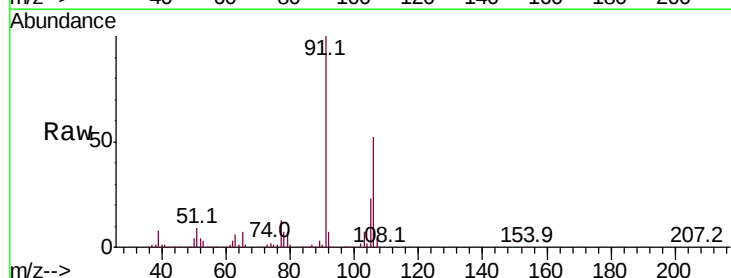
Acq: 30 Sep 2020 12:41

Tgt Ion: 106 Resp: 347708

Ion Ratio Lower Upper

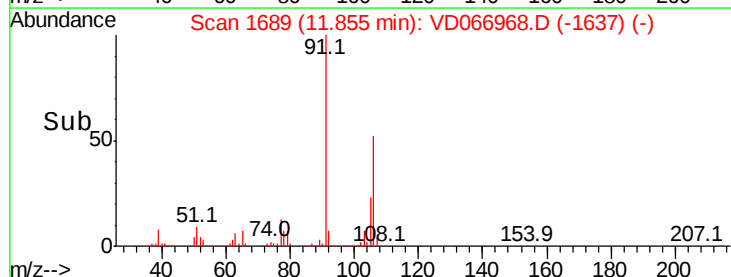
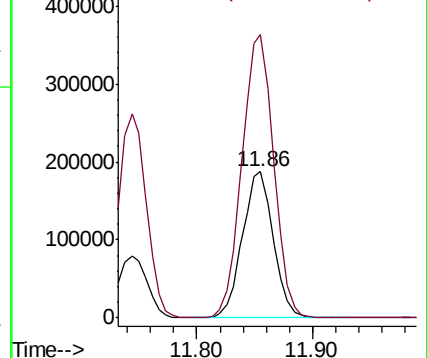
106 100

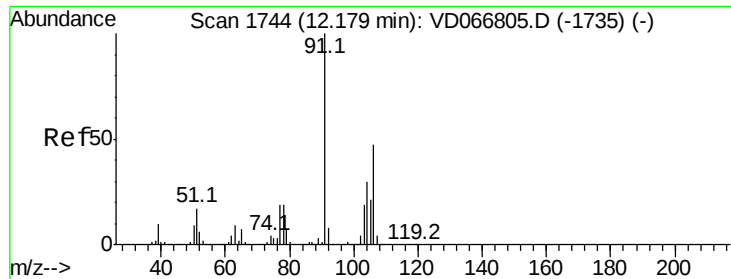
91 198.9 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

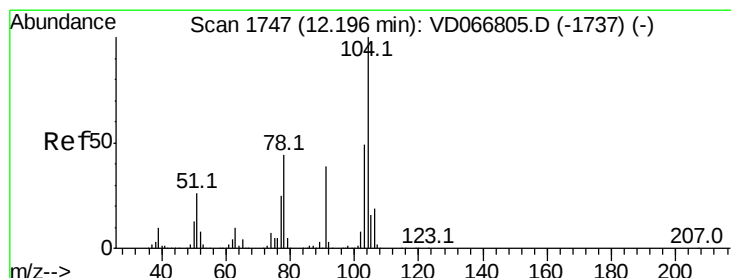
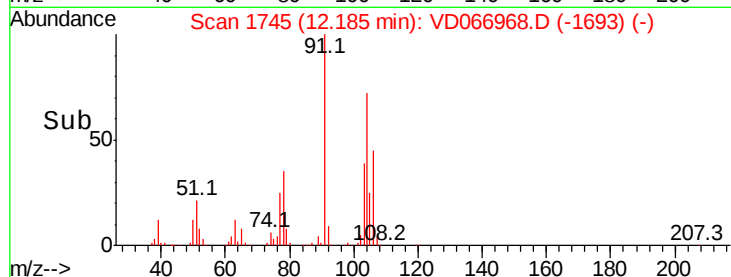
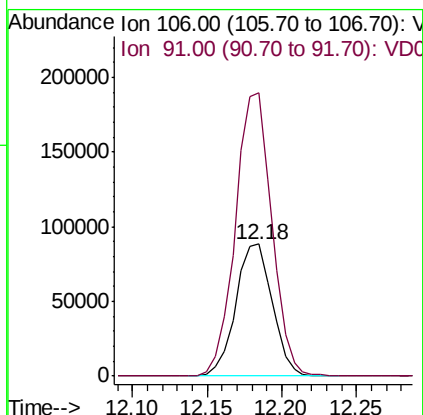
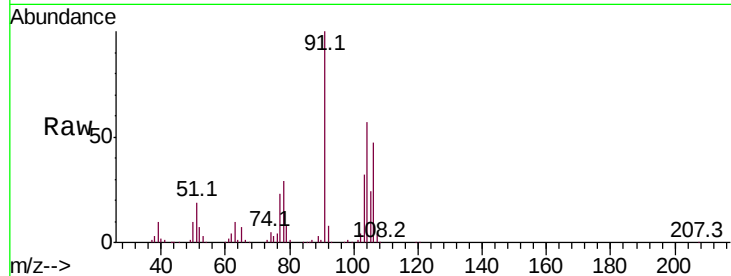




#69
o-Xylene
Concen: 21.079 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

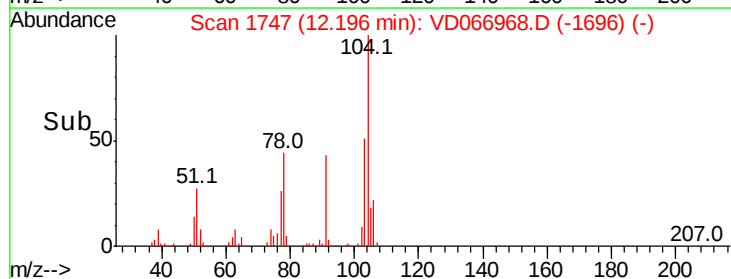
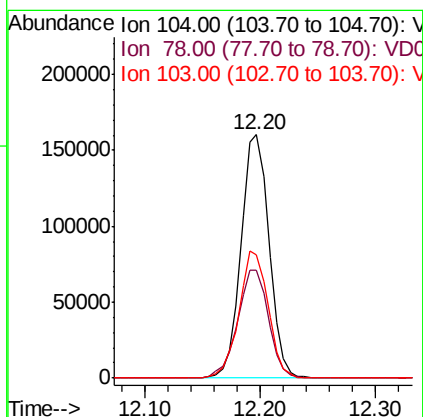
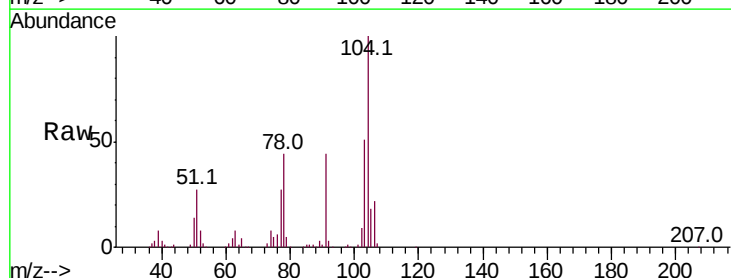
Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

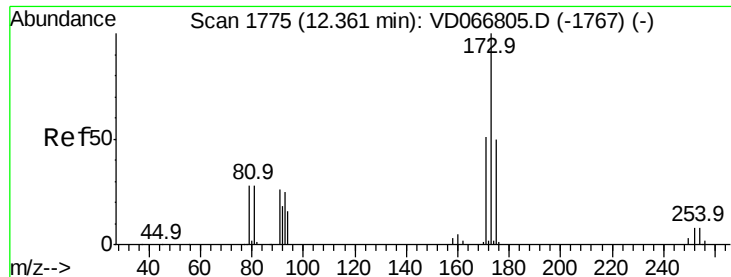
Tot Ion:106 Resp: 150776
Ion Ratio Lower Upper
106 100
91 213.4 106.3 318.8



#70
Styrene
Concen: 21.790 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Tgt Ion:104 Resp: 270669
Ion Ratio Lower Upper
104 100
78 48.9 38.9 58.3
103 54.3 43.2 64.8





#71

Bromoform

Concen: 21.310 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBS01

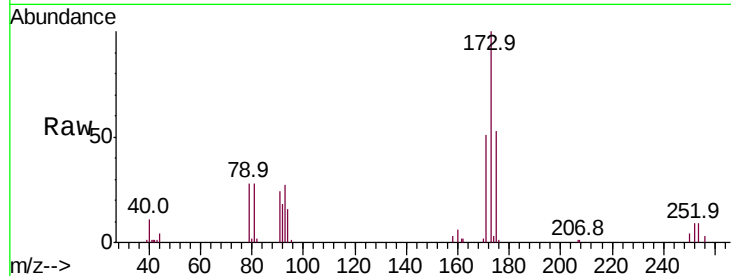
Tot Ion:173 Resp: 48577

Ion Ratio Lower Upper

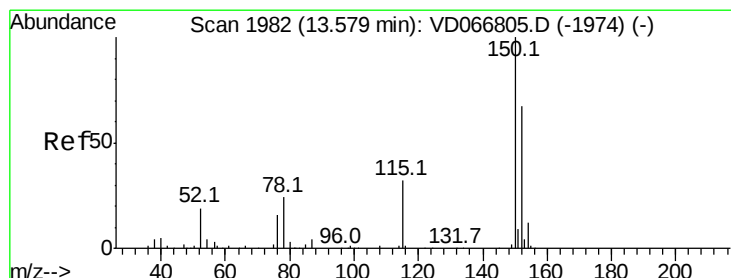
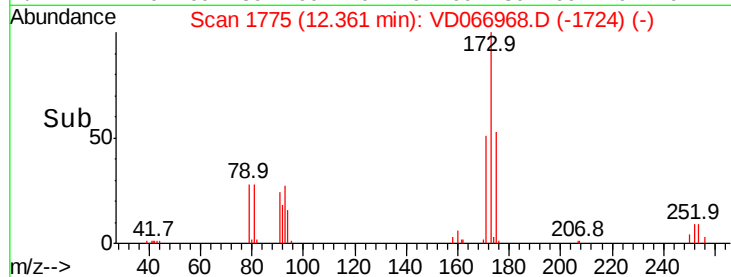
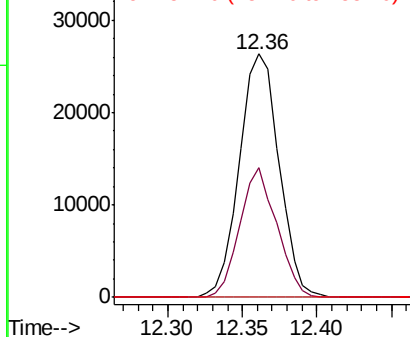
173 100

175 49.5 24.9 74.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

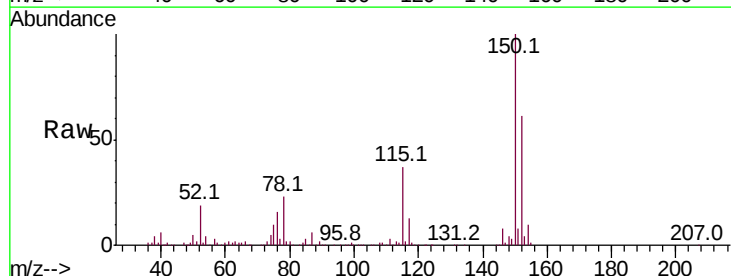
Tgt Ion:152 Resp: 287441

Ion Ratio Lower Upper

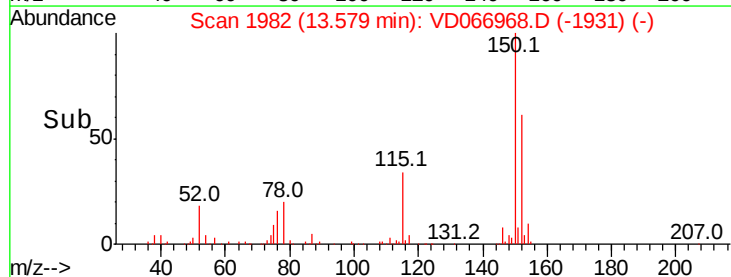
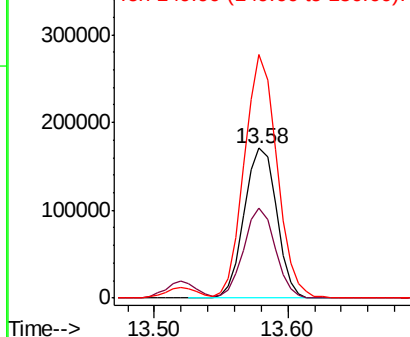
152 100

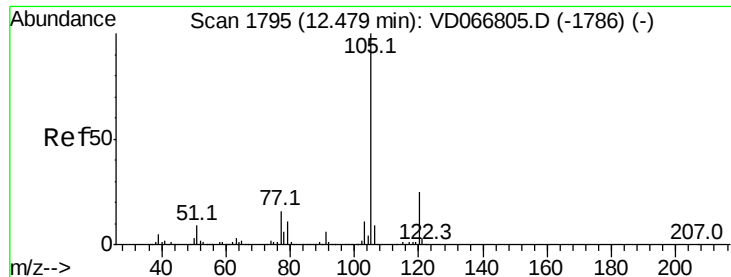
115 58.7 30.3 91.0

150 162.4 0.0 346.2



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

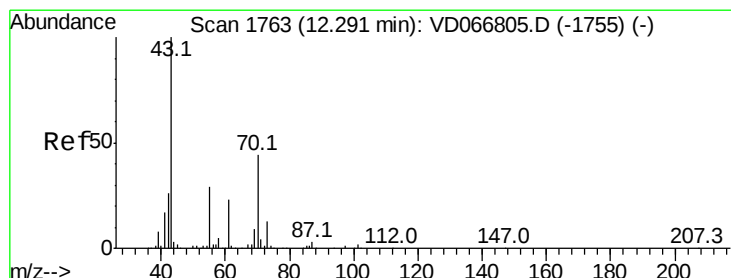
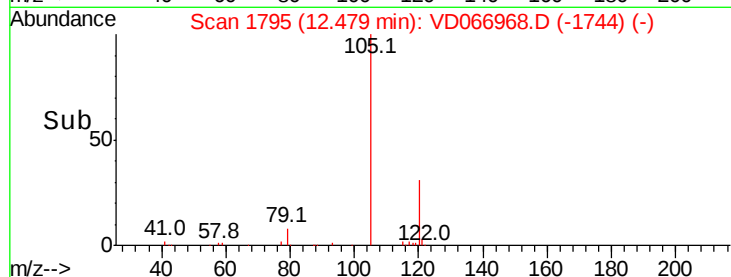
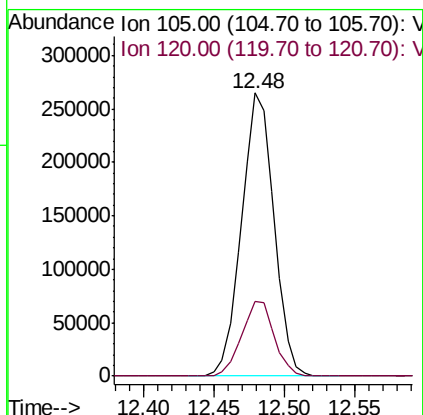
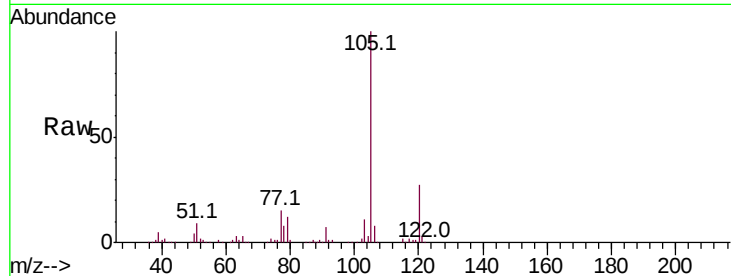




#73
Isopropylbenzene
Concen: 20.534 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

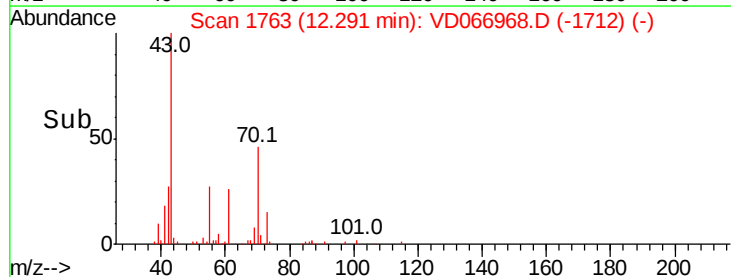
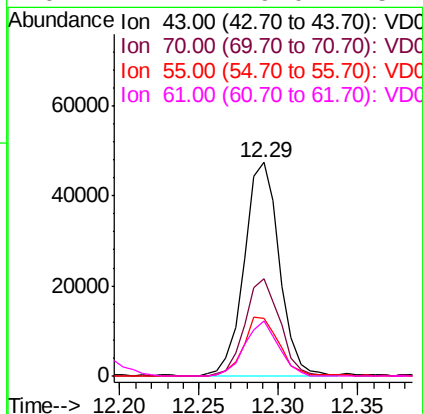
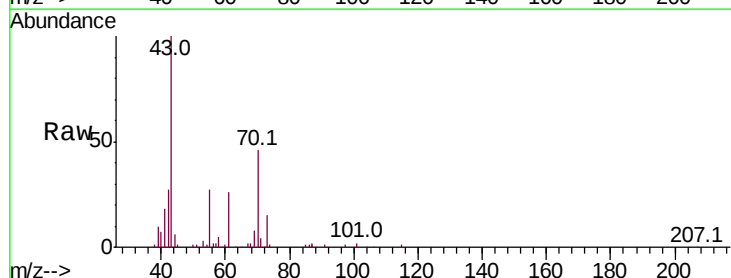
Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

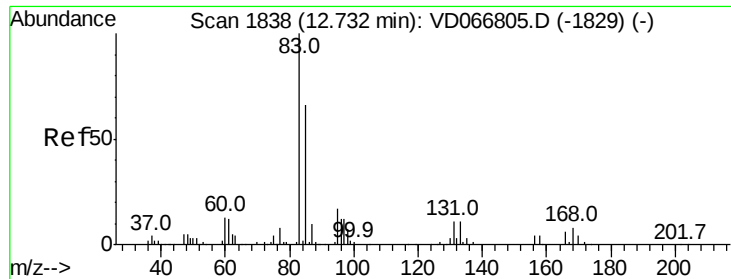
Tot Ion:105 Resp: 426381
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6



#74
N-ethyl acetate
Concen: 18.033 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Tgt Ion: 43 Resp: 73124
Ion Ratio Lower Upper
43 100
70 45.3 36.1 54.1
55 28.2 21.8 32.8
61 24.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.689 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBS01

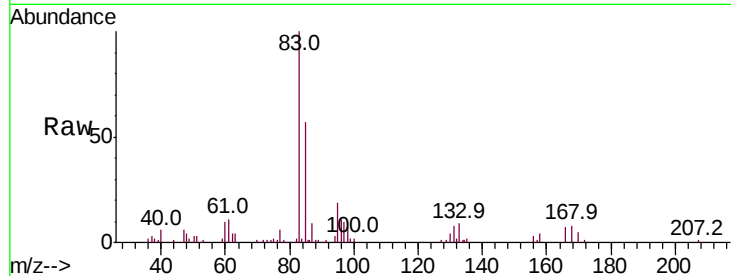
Tot Ion: 83 Resp: 66965

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.7

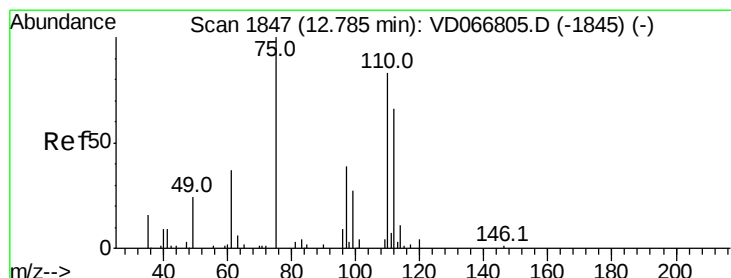
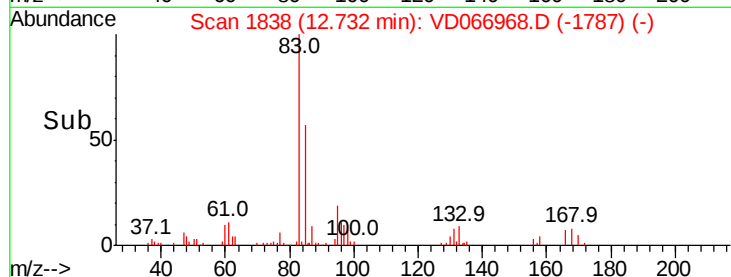
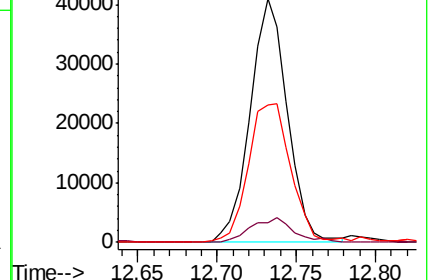
85 64.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 37.198 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066968.D

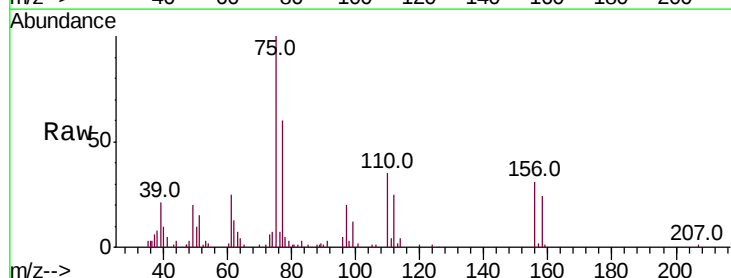
Acq: 30 Sep 2020 12:41

Tgt Ion: 75 Resp: 88609

Ion Ratio Lower Upper

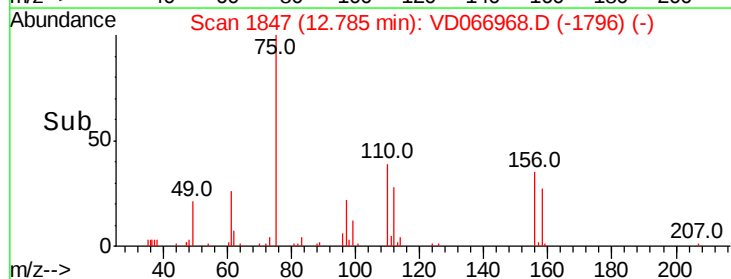
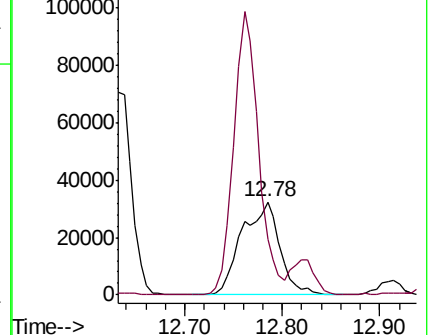
75 100

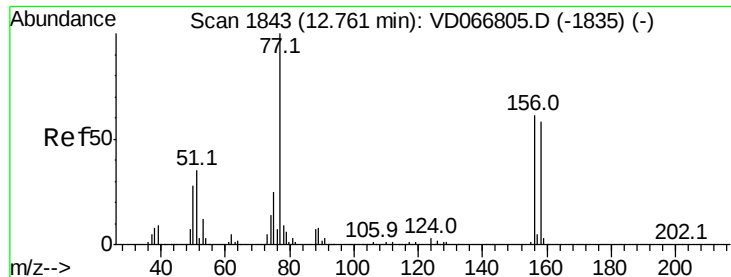
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.948 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBS01

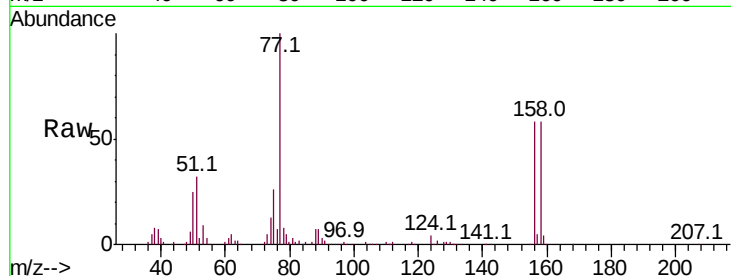
Tot Ion:156 Resp: 101732

Ion Ratio Lower Upper

156 100

77 172.7 92.3 276.9

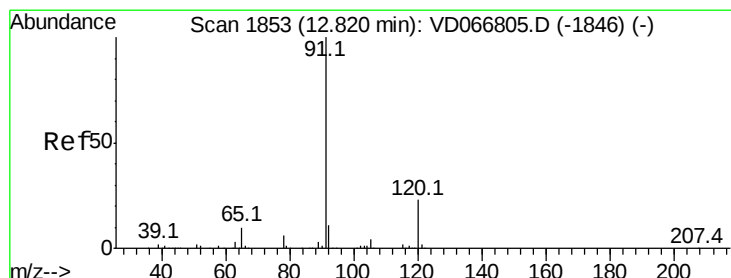
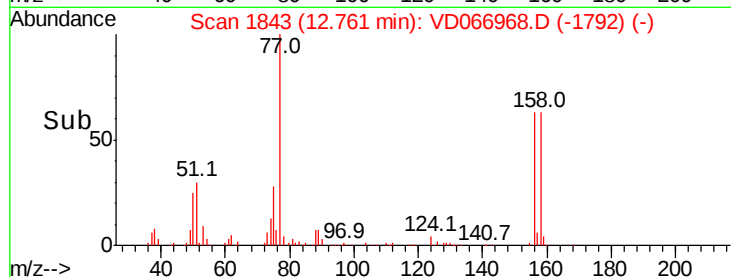
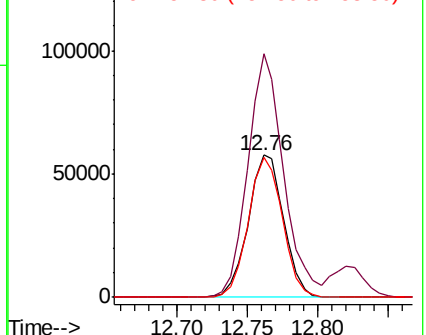
158 95.1 47.6 142.9



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: 20.555 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066968.D

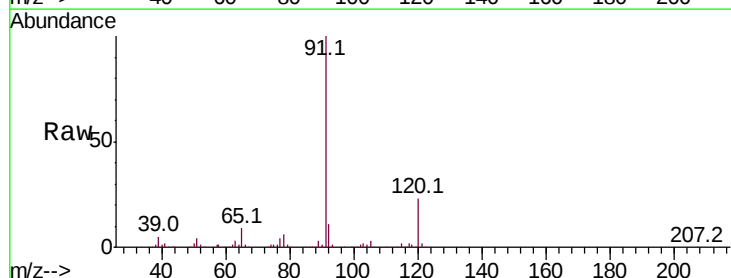
Acq: 30 Sep 2020 12:41

Tgt Ion: 91 Resp: 513473

Ion Ratio Lower Upper

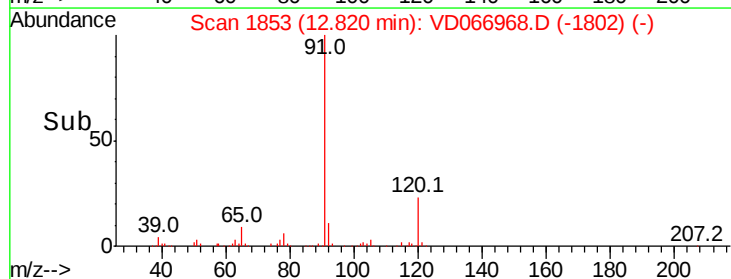
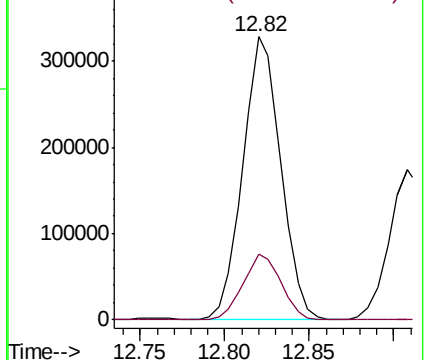
91 100

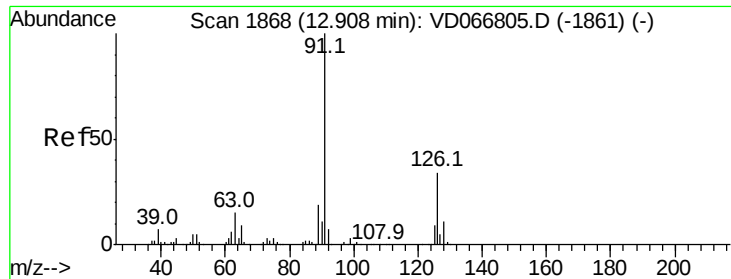
120 23.4 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

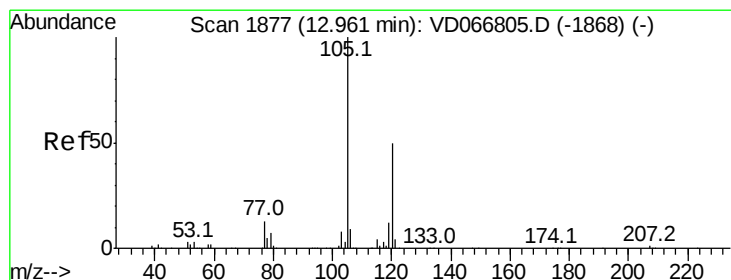
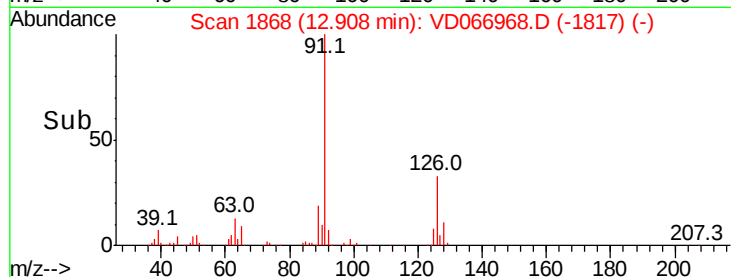
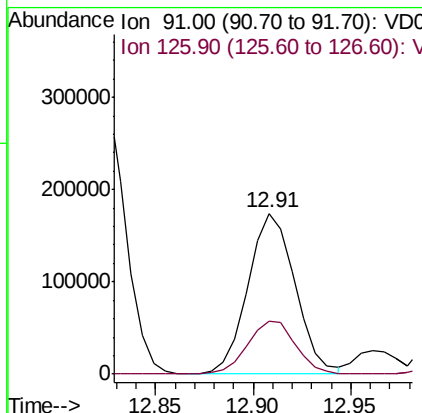
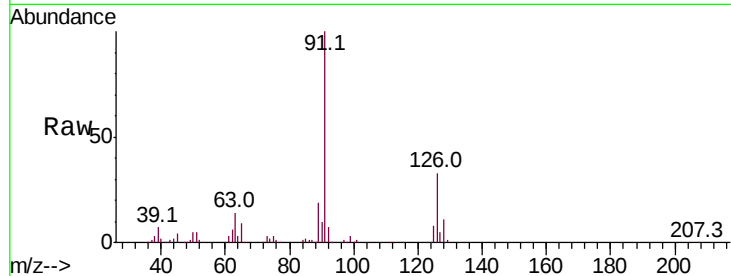




#79
 2-Chlorotoluene
 Concen: 20.501 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

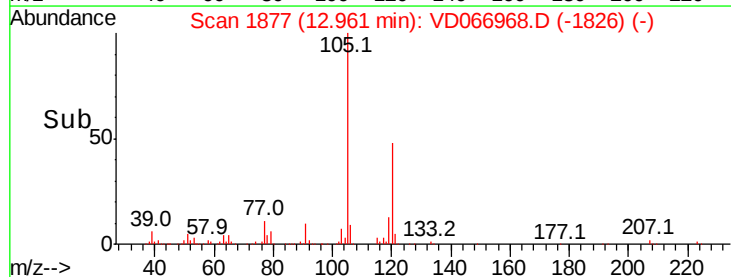
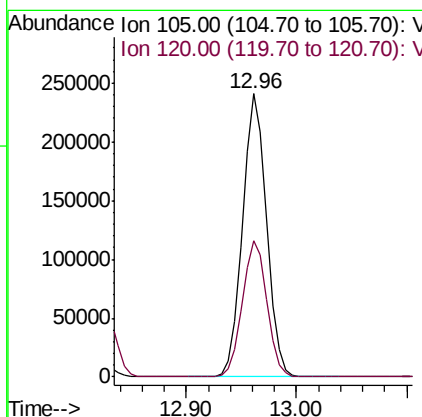
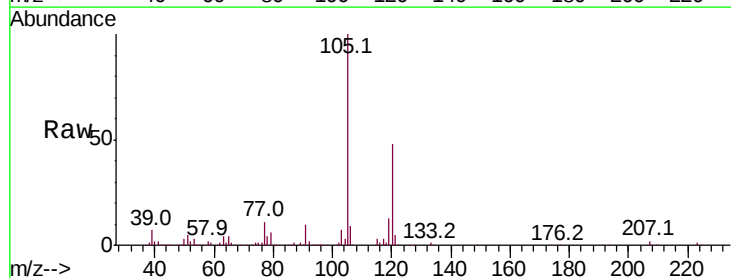
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

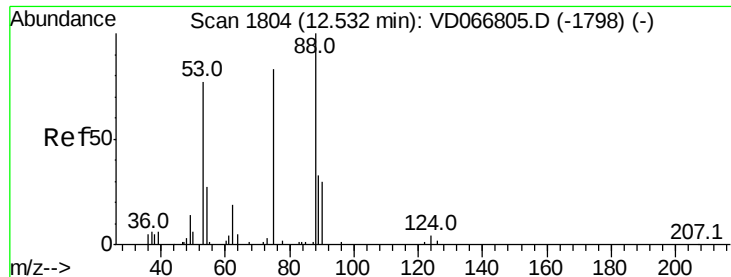
Tot Ion: 91 Resp: 291834
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.963 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Tgt Ion: 105 Resp: 369342
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 21.387 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBS01

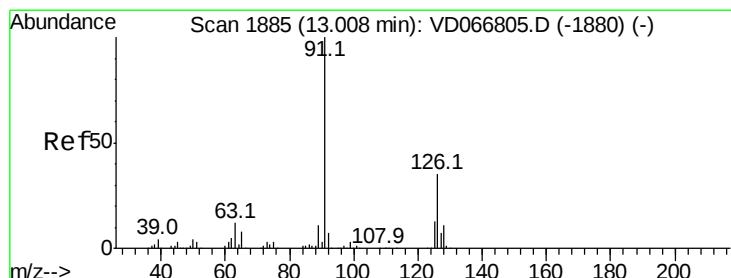
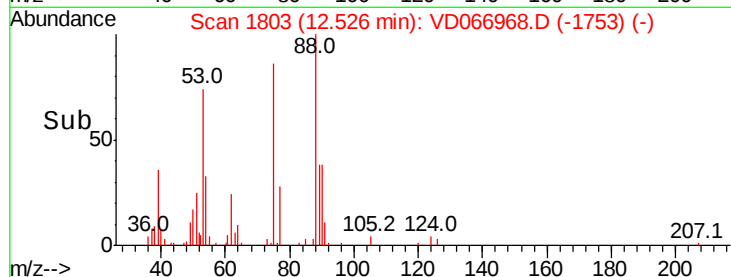
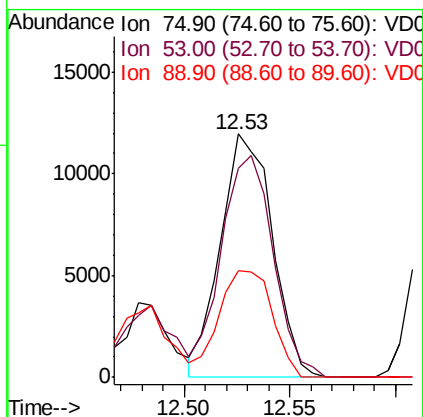
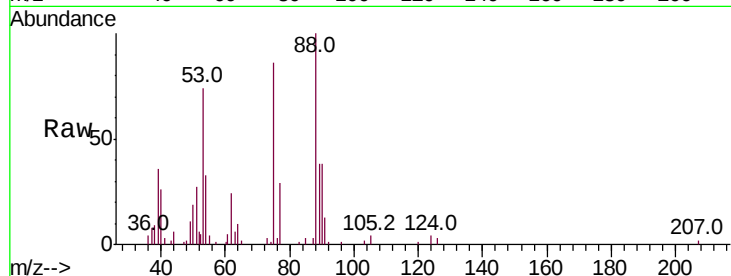
Tot Ion: 75 Resp: 20363

Ion Ratio Lower Upper

75 100

53 91.8 78.5 117.7

89 45.2 38.1 57.1



#82

4-Chlorotoluene

Concen: 20.647 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066968.D

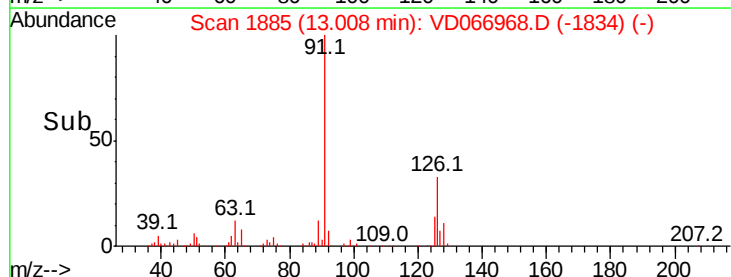
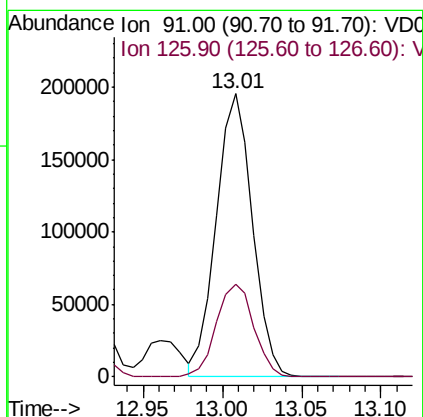
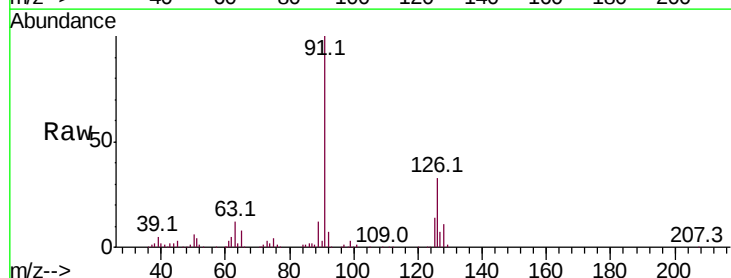
Acq: 30 Sep 2020 12:41

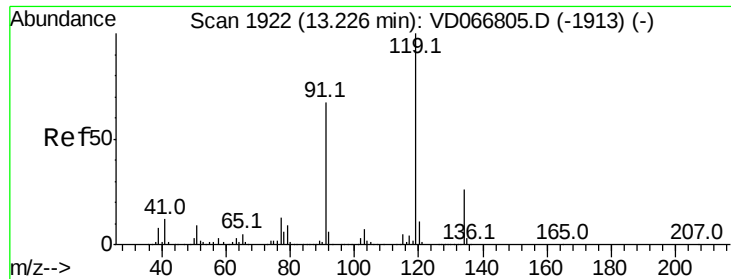
Tgt Ion: 91 Resp: 309833

Ion Ratio Lower Upper

91 100

126 34.0 17.1 51.2

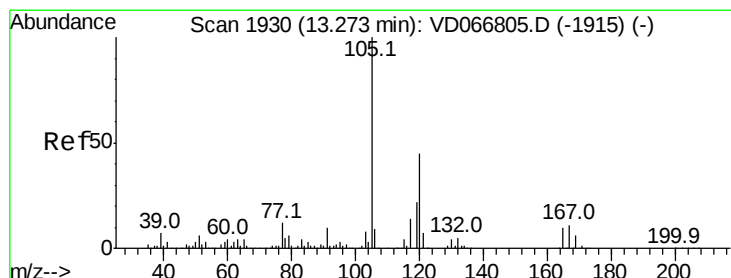
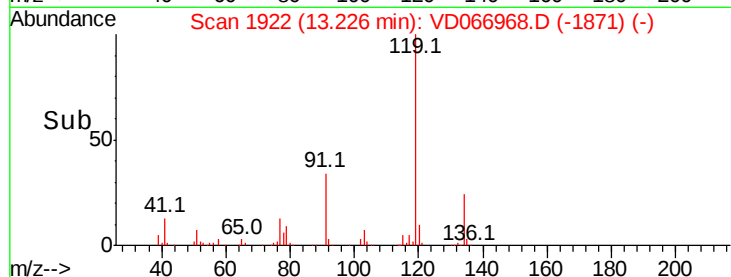
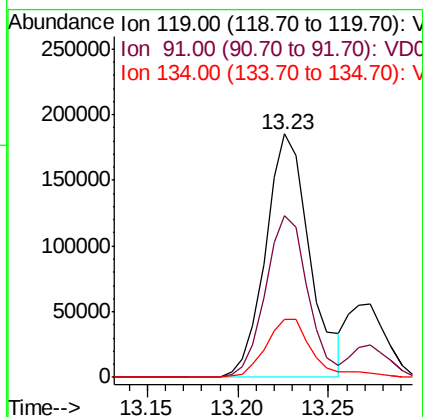
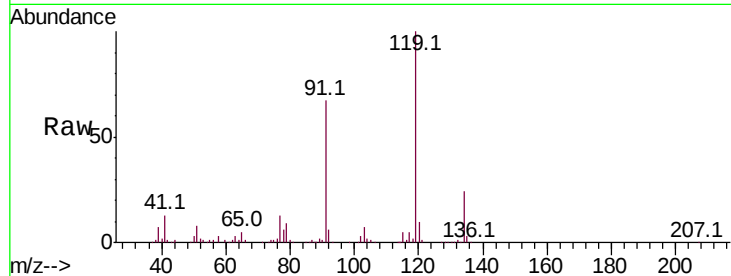




#83
tert-Butylbenzene
Concen: 21.657 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

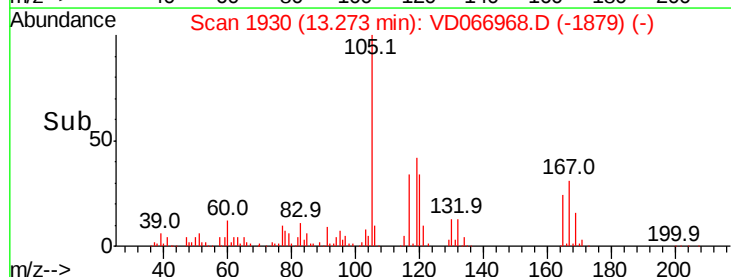
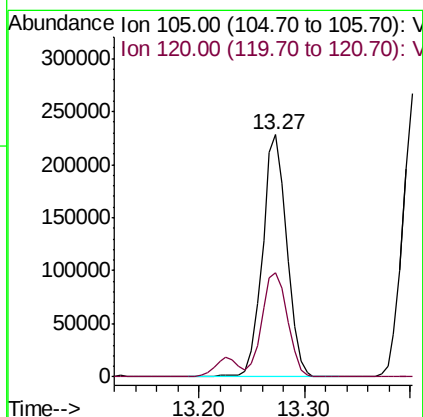
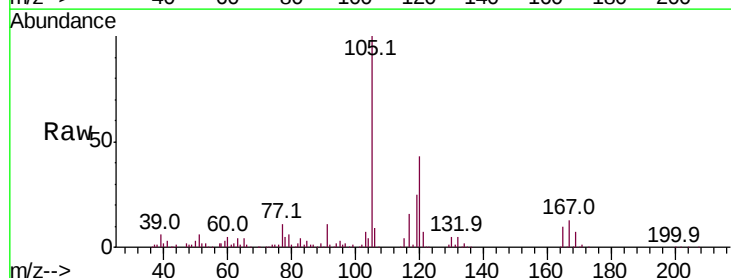
Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

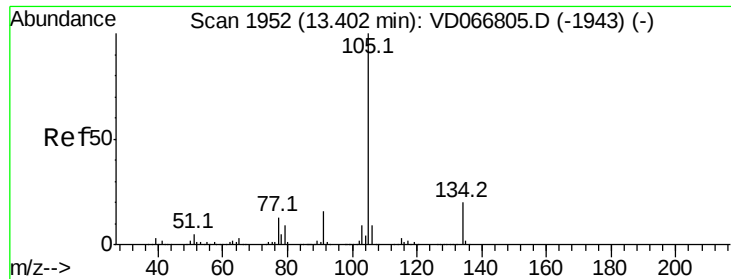
Tot Ion:119 Resp: 313550
Ion Ratio Lower Upper
119 100
91 63.8 33.6 100.8
134 25.6 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.929 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Tgt Ion:105 Resp: 365660
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.786 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.01 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

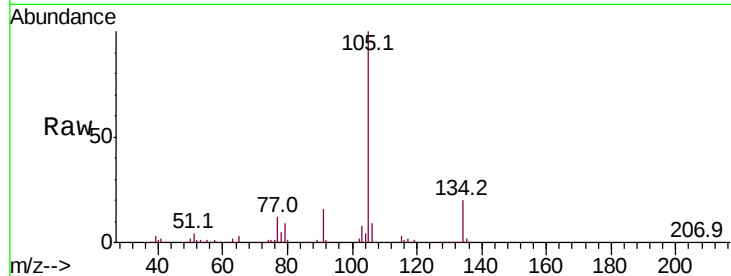
VD0930SBS01

Tot Ion:105 Resp: 432759

Ion Ratio Lower Upper

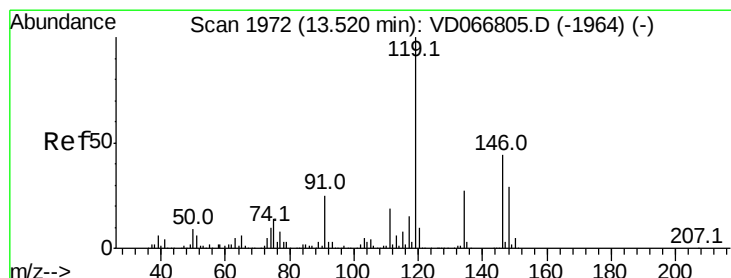
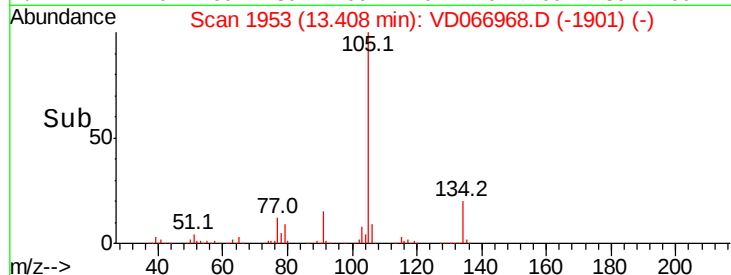
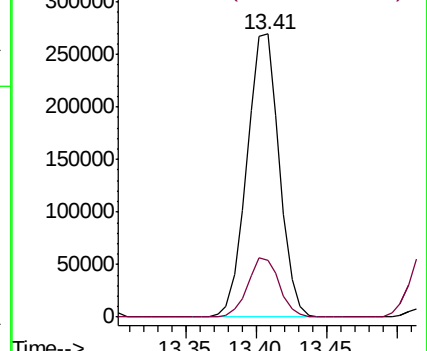
105 100

134 20.5 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.487 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

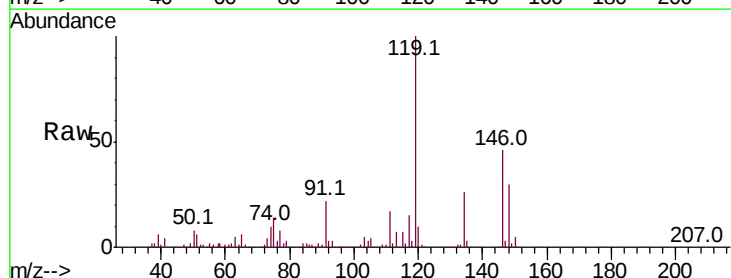
Tgt Ion:119 Resp: 403239

Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

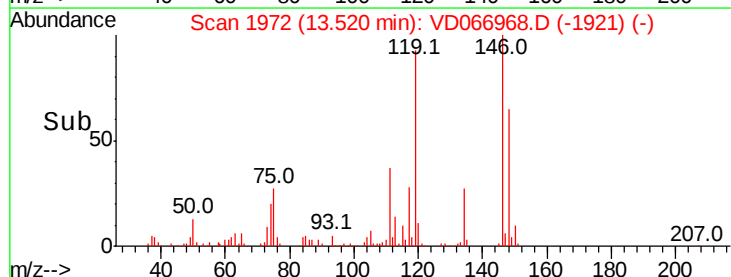
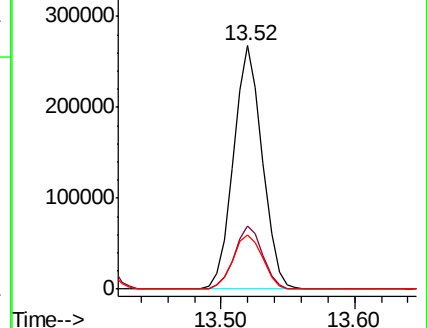
91 23.0 12.0 36.1

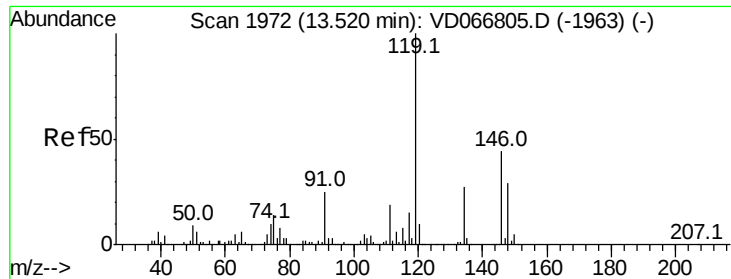


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.882 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

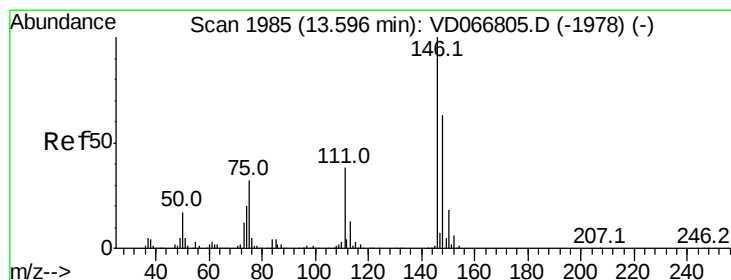
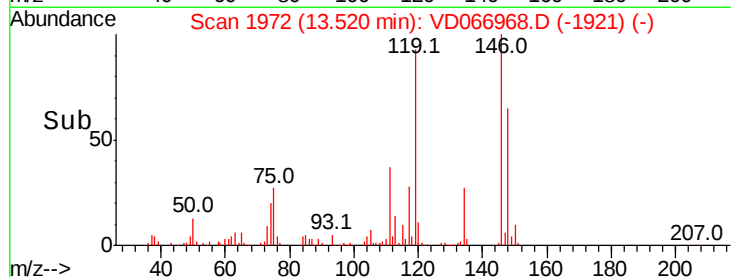
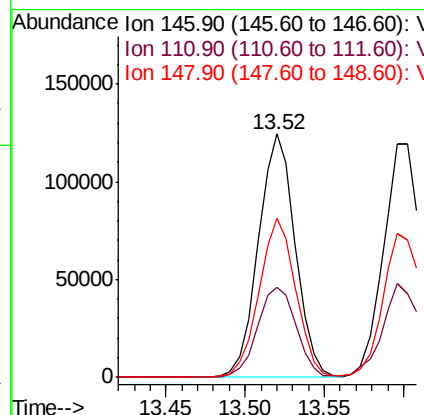
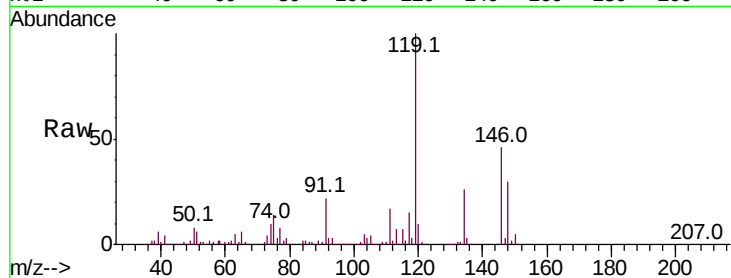
Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

Tot Ion:146 Resp: 200349

Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.3	60.9
148	65.4	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 20.832 ug/l

RT: 13.60 min Scan# 1986

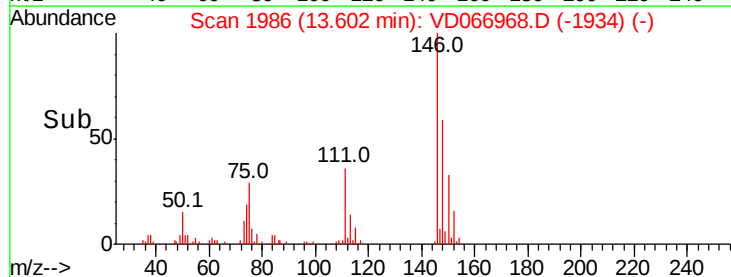
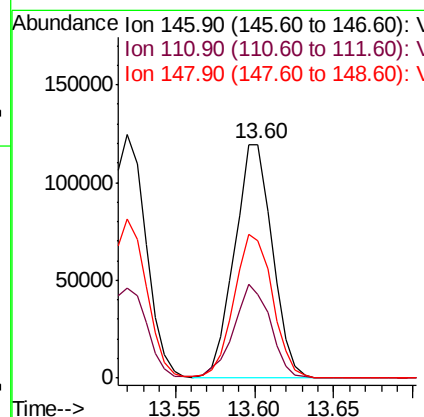
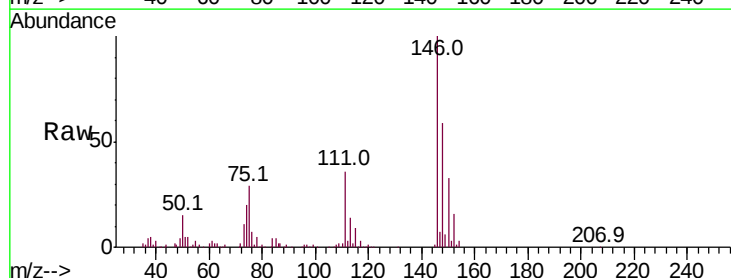
Delta R.T. 0.01 min

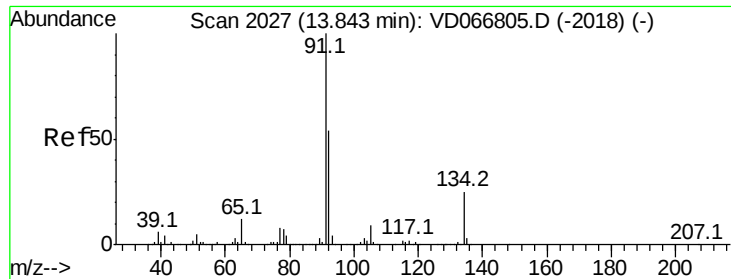
Lab File: VD066968.D

Acq: 30 Sep 2020 12:41

Tgt Ion:146 Resp: 198518

Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.2	60.5
148	62.4	31.6	94.7

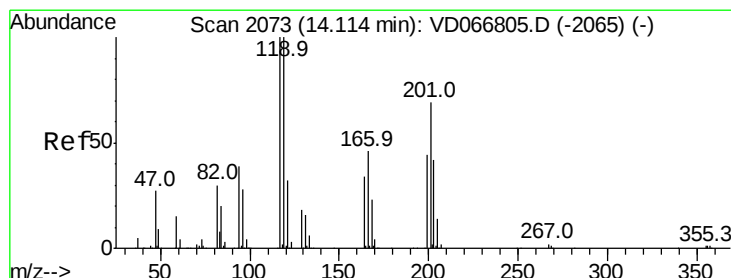
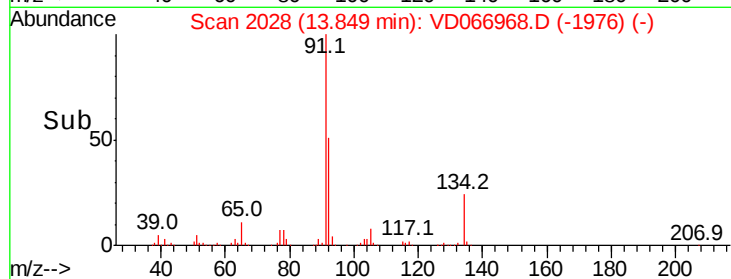
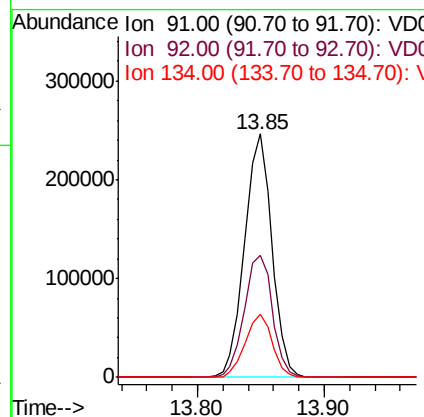
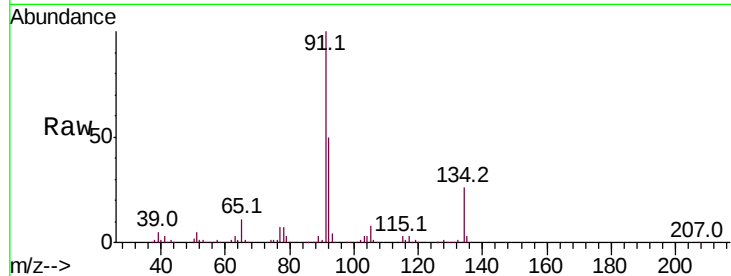




#89
n-Butylbenzene
Concen: 20.671 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

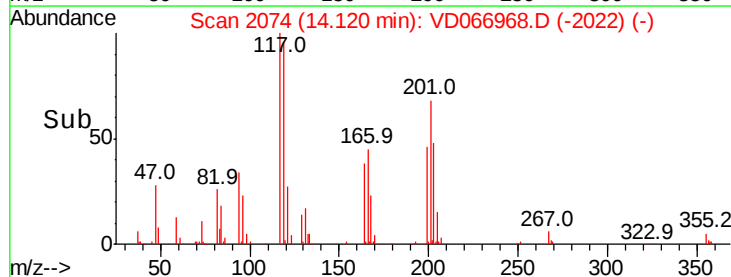
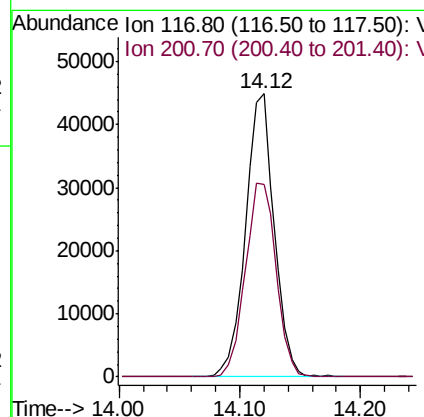
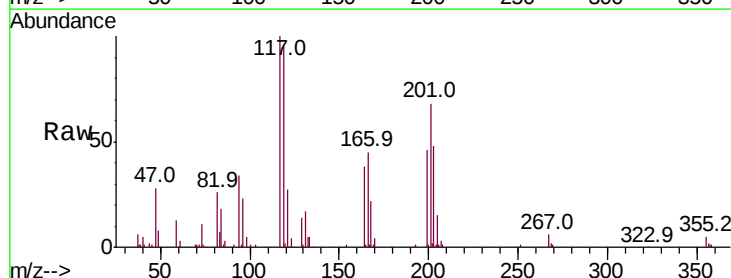
Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

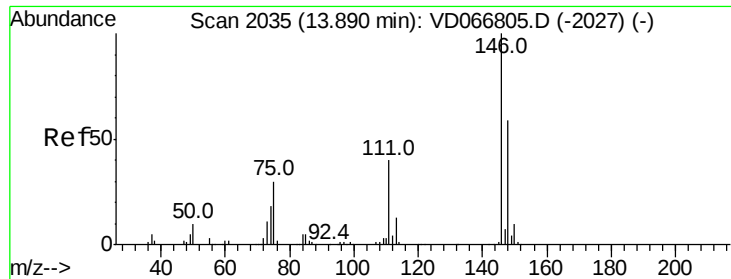
Tot Ion: 91 Resp: 368712
Ion Ratio Lower Upper
91 100
92 51.7 26.7 80.0
134 25.7 13.1 39.1



#90
Hexachloroethane
Concen: 19.561 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Tgt Ion: 117 Resp: 74525
Ion Ratio Lower Upper
117 100
201 73.0 33.7 101.0

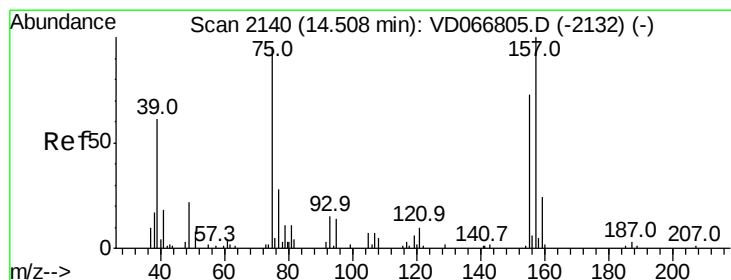
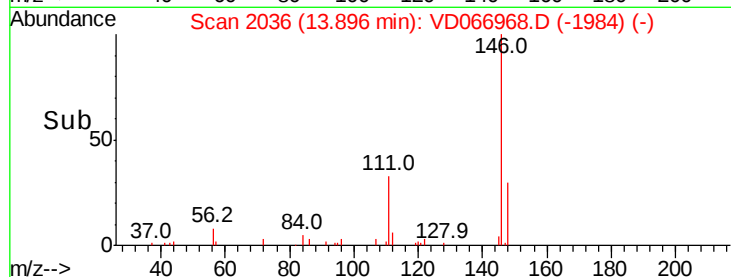
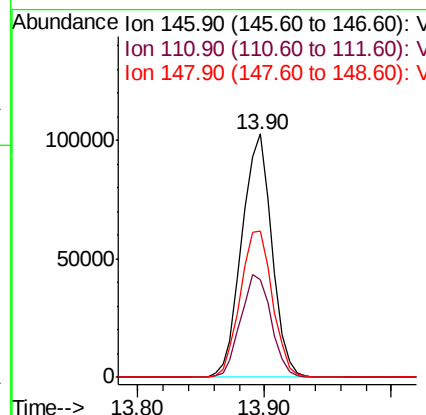
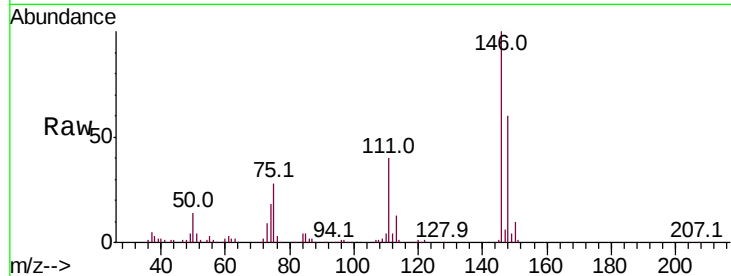




#91
 1,2-Dichlorobenzene
 Concen: 20.538 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

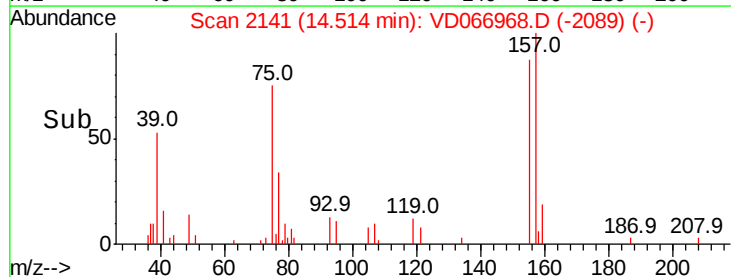
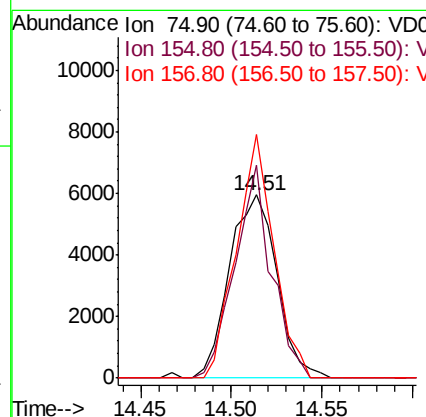
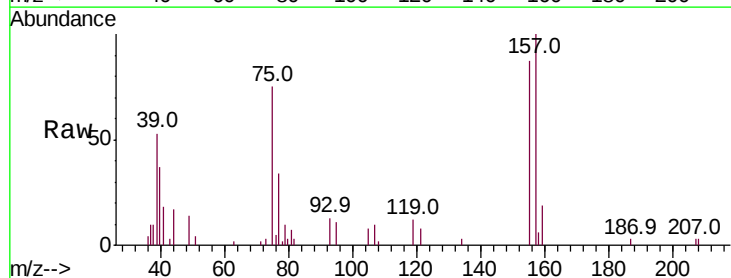
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

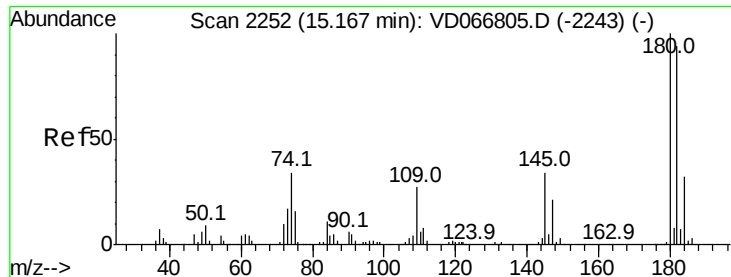
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.9	62.7
148	64.3	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.788 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	40.4	121.2
157	104.6	51.3	153.9

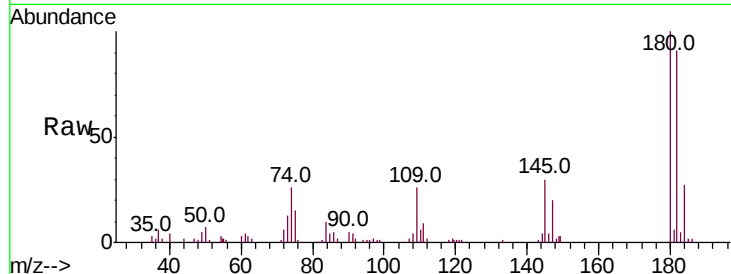




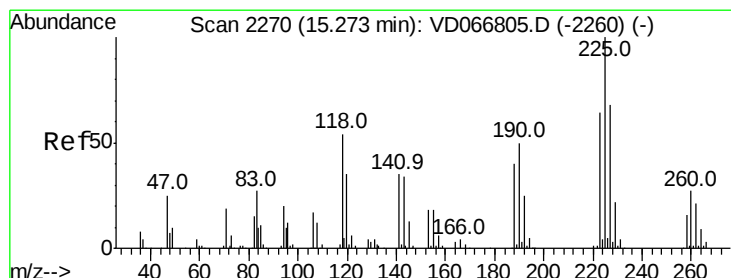
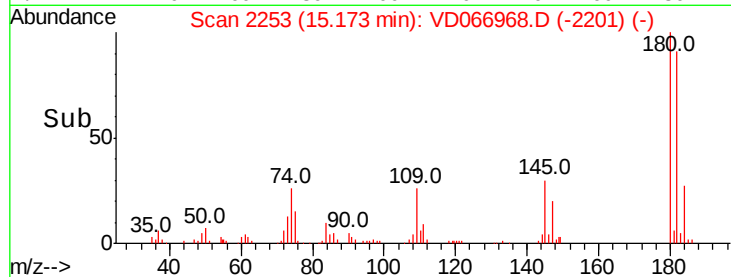
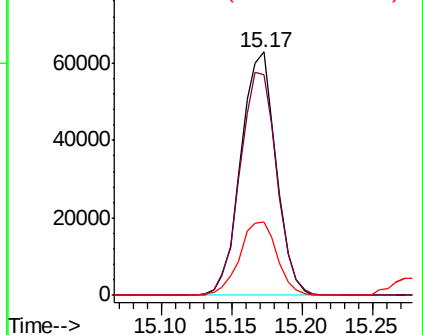
#93
 1,2,4-Trichlorobenzene
 Concen: 21.272 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.8	146.3
145	31.8	16.7	50.0

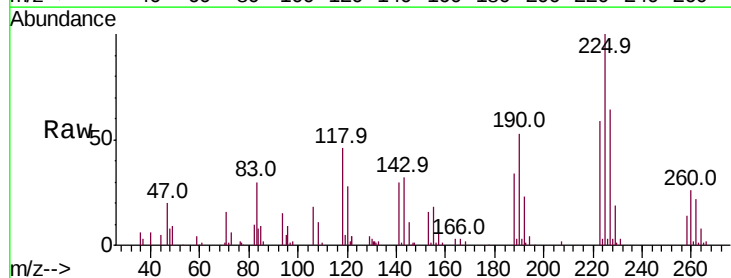


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

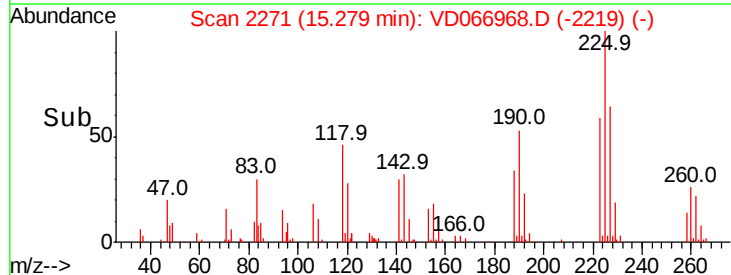
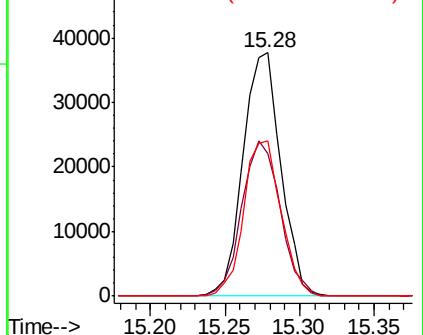


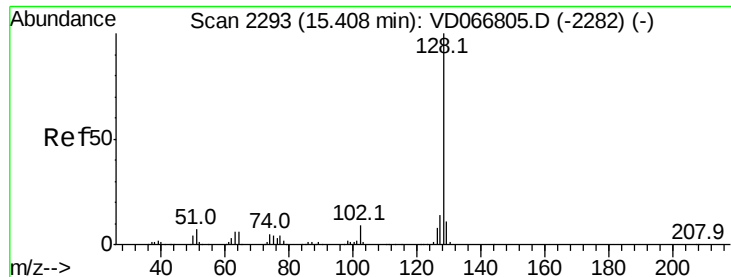
#94
 Hexachlorobutadiene
 Concen: 21.343 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066968.D
 Acq: 30 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.1	93.3
227	62.8	31.7	95.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

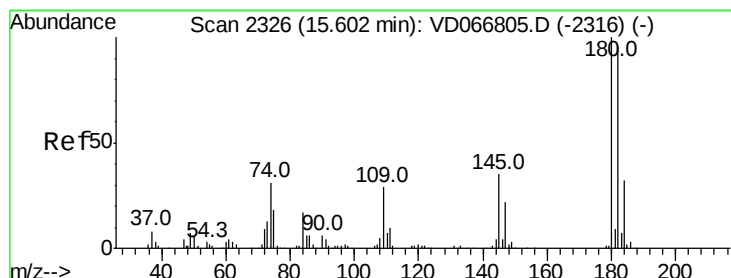
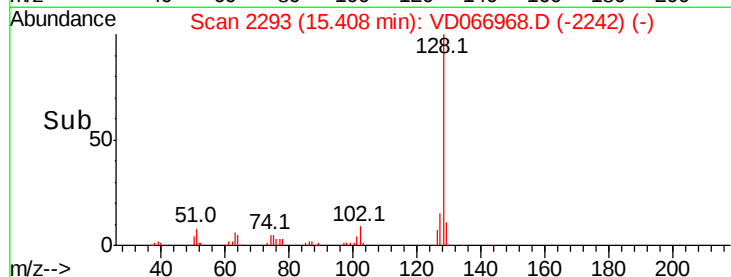
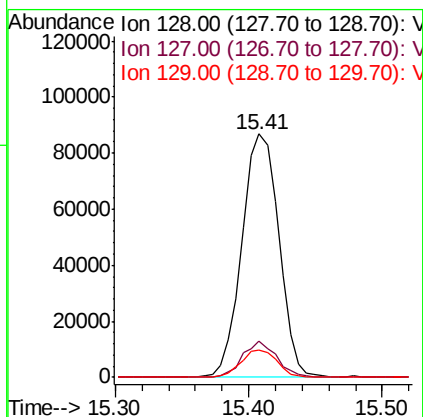
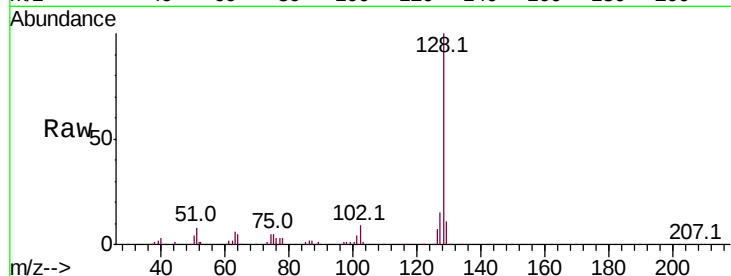




#95
Naphthalene
Concen: 18.985 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	16.0
129	10.9	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.317 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066968.D
Acq: 30 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.8	140.3
145	33.5	17.0	51.0

