

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092320\
 Data File : VD066826.D
 Acq On : 23 Sep 2020 11:22
 Operator : VA/SY
 Sample : VD0923SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

Quant Time: Sep 23 15:00:49 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	7.97	168	402125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	644176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	583706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271330	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	199682	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.91	113	202982	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	10.33	98	737901	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.63	95	247441	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	77736	24.790	ug/l 89
3) Chloromethane	2.21	50	79088	21.406	ug/l 92
4) Vinyl Chloride	2.35	62	85044	23.299	ug/l 99
5) Bromomethane	2.76	94	51802	20.191	ug/l 91
6) Chloroethane	2.92	64	47593	20.997	ug/l # 85
7) Trichlorofluoromethane	3.27	101	160395	21.396	ug/l 96
8) Diethyl Ether	3.70	74	36399	19.126	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	4.10	101	94153	21.660	ug/l 99
10) Methyl Iodide	4.30	142	91335	23.811	ug/l 97
11) Tert butyl alcohol	5.21	59	20505	47.515	ug/l # 91
12) 1,1-Dichloroethene	4.06	96	80676	20.488	ug/l 94
13) Acrolein	3.91	56	28296	97.456	ug/l 91
14) Allyl chloride	4.71	41	117774	20.369	ug/l 99
15) Acrylonitrile	5.41	53	81039	96.088	ug/l 99
16) Acetone	4.15	43	67076	80.338	ug/l 100
17) Carbon Disulfide	4.40	76	264588	21.978	ug/l 99
18) Methyl Acetate	4.71	43	37527	17.808	ug/l 94
19) Methyl tert-butyl Ether	5.47	73	162072	18.953	ug/l 96
20) Methylene Chloride	4.96	84	103647	19.444	ug/l 92
21) trans-1,2-Dichloroethene	5.47	96	96958	21.265	ug/l 91
22) Diisopropyl ether	6.36	45	248338	20.889	ug/l 96
23) Vinyl Acetate	6.30	43	567394	89.636	ug/l 99
24) 1,1-Dichloroethane	6.26	63	167395	21.047	ug/l 98
25) 2-Butanone	7.21	43	85717	85.430	ug/l 99
26) 2,2-Dichloropropane	7.20	77	150344	20.624	ug/l 99
27) cis-1,2-Dichloroethene	7.21	96	102514	20.694	ug/l 98
28) Bromochloromethane	7.54	49	65851	20.042	ug/l # 98
29) Tetrahydrofuran	7.56	42	62377	97.024	ug/l 98
30) Chloroform	7.71	83	175507	20.471	ug/l 100
31) Cyclohexane	7.98	56	149874	20.943	ug/l 95
32) 1,1,1-Trichloroethane	7.90	97	164861	21.257	ug/l 99
36) 1,1-Dichloropropene	8.11	75	136135	21.302	ug/l 99
37) Ethyl Acetate	7.28	43	43994	19.042	ug/l # 95
38) Carbon Tetrachloride	8.09	117	148375	21.236	ug/l 96

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 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

Quant Time: Sep 23 15:00:49 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	155364	21.174	ug/l	98
40) Benzene	8.34	78	368074	20.666	ug/l	98
41) Methacrylonitrile	7.52	41	25418	17.890	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	103711	19.697	ug/l	99
43) Isopropyl Acetate	8.45	43	81675	18.337	ug/l	98
44) Trichloroethene	9.11	130	110185	21.704	ug/l	95
45) 1,2-Dichloropropane	9.38	63	91203	20.352	ug/l	96
46) Dibromomethane	9.47	93	48421	19.887	ug/l	97
47) Bromodichloromethane	9.66	83	131141	20.050	ug/l #	98
48) Methyl methacrylate	9.45	41	45176	20.571	ug/l	90
49) 1,4-Dioxane	9.46	88	11570	351.764	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	216800	96.059	ug/l	97
52) Toluene	10.40	92	244915	21.348	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	111686	20.062	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	131545	19.379	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	69339	20.716	ug/l	97
56) Ethyl methacrylate	10.66	69	70002	19.523	ug/l	98
57) 1,3-Dichloropropane	10.94	76	114502	20.717	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	187125	110.216	ug/l	99
59) 2-Hexanone	10.98	43	142172	93.410	ug/l	97
60) Dibromochloromethane	11.14	129	87972	20.138	ug/l	99
61) 1,2-Dibromoethane	11.24	107	64408	20.688	ug/l	95
64) Tetrachloroethene	10.87	164	94436	22.492	ug/l	99
65) Chlorobenzene	11.67	112	254407	20.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	92692	20.157	ug/l	94
67) Ethyl Benzene	11.74	91	449918	21.084	ug/l	99
68) m/p-Xylenes	11.86	106	345735	42.792	ug/l	99
69) o-Xylene	12.18	106	152120	20.822	ug/l	98
70) Styrene	12.19	104	270832	21.347	ug/l	99
71) Bromoform	12.36	173	45480	19.533	ug/l #	99
73) Isopropylbenzene	12.48	105	433474	22.115	ug/l	98
74) N-amyl acetate	12.28	43	74447	19.449	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	67713	20.020	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	92212	41.009	ug/l #	100
77) Bromobenzene	12.76	156	96606	21.074	ug/l	98
78) n-propylbenzene	12.82	91	515552	21.863	ug/l	99
79) 2-Chlorotoluene	12.91	91	285300	21.232	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	360194	21.657	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	15539	17.290	ug/l	97
82) 4-Chlorotoluene	13.00	91	306334	21.626	ug/l	99
83) tert-Butylbenzene	13.23	119	296760	21.714	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	360507	21.859	ug/l	100
85) sec-Butylbenzene	13.40	105	424362	21.593	ug/l	99
86) p-Isopropyltoluene	13.52	119	394242	22.255	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	194645	21.492	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	189710	21.090	ug/l	99
89) n-Butylbenzene	13.84	91	355967	21.141	ug/l	100
90) Hexachloroethane	14.11	117	73375	20.402	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	159714	20.612	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10776	19.806	ug/l	97

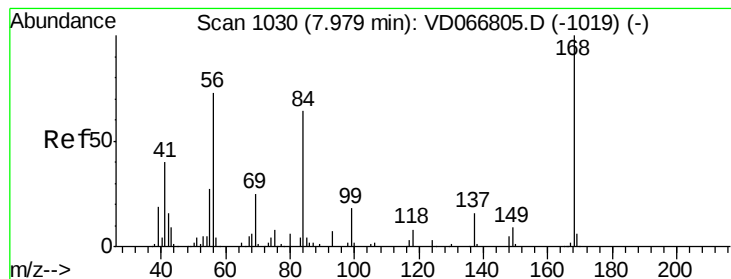
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD092320\
Data File : VD066826.D
Acq On : 23 Sep 2020 11:22
Operator : VA/SY
Sample : VD0923SBS01
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Quant Time: Sep 23 15:00:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : 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	101580	20.825	ug/l	98
94) Hexachlorobutadiene	15.27	225	63690	21.790	ug/l	98
95) Naphthalene	15.41	128	157932	19.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	85054	20.203	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

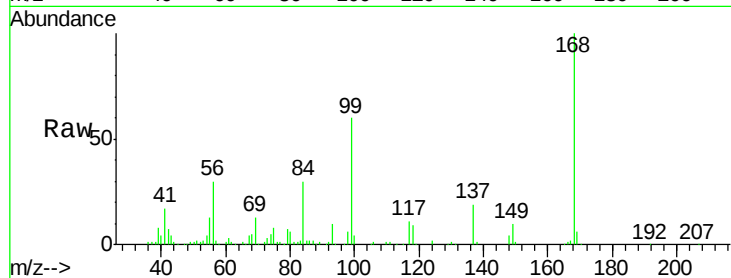
VD0923SBS01

Tgt Ion:168 Resp: 402125

Ion Ratio Lower Upper

168 100

99 59.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

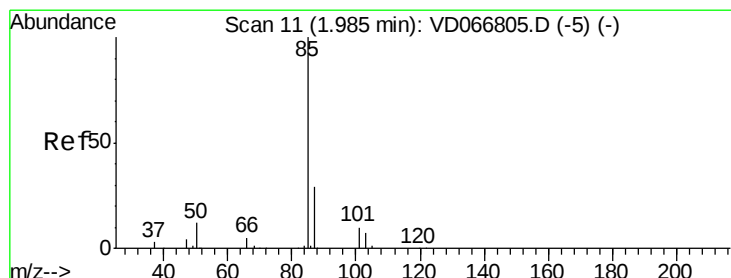
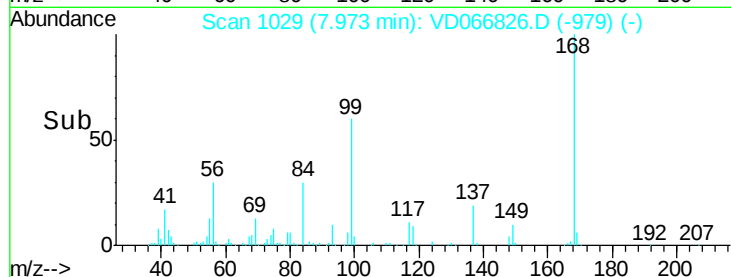
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 24.790 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066826.D

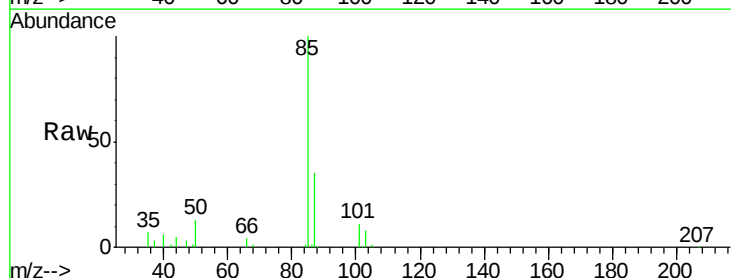
Acq: 23 Sep 2020 11:22

Tgt Ion: 85 Resp: 77736

Ion Ratio Lower Upper

85 100

87 34.6 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

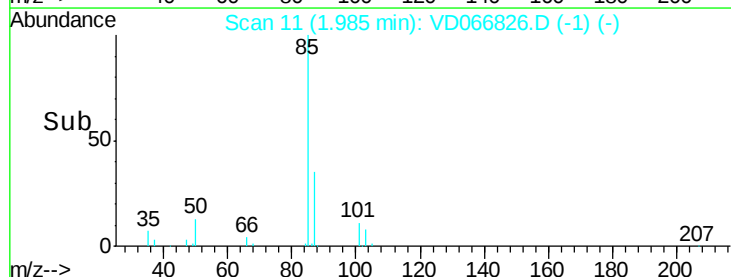
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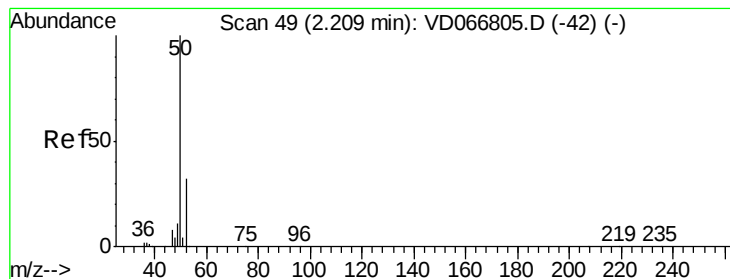
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.406 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

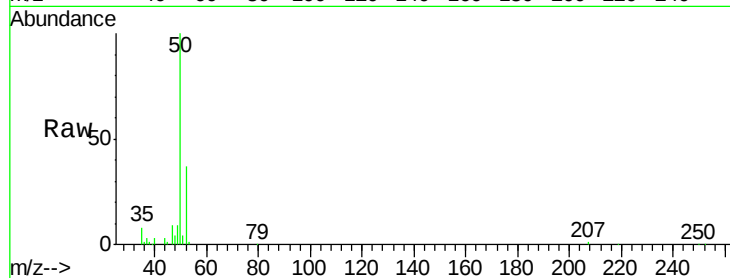
VD0923SBS01

Tgt Ion: 50 Resp: 79088

Ion Ratio Lower Upper

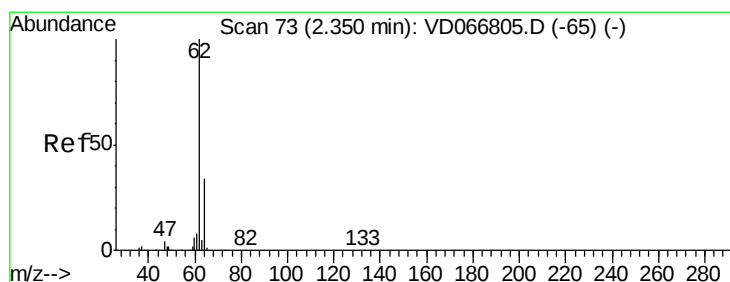
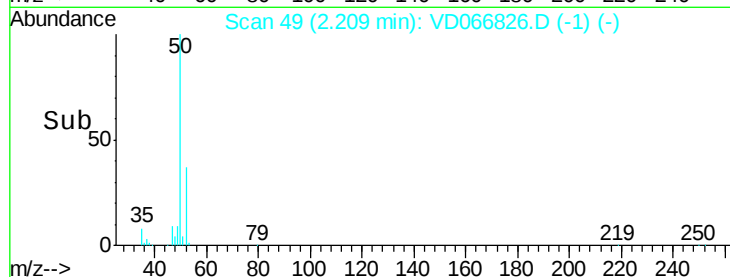
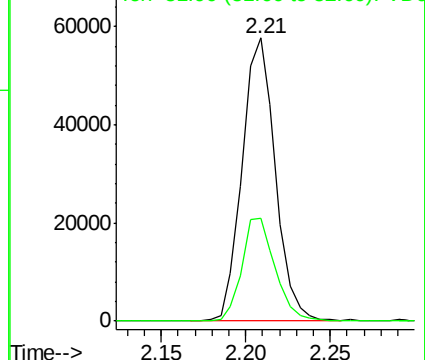
50 100

52 36.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 23.299 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066826.D

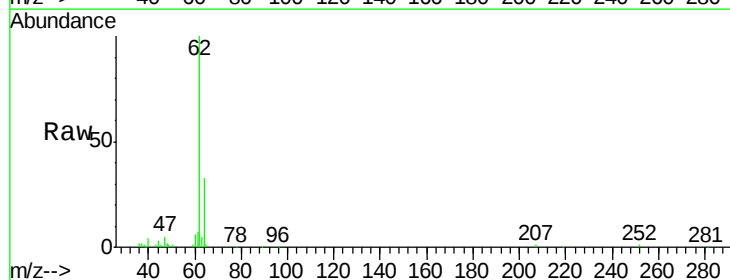
Acq: 23 Sep 2020 11:22

Tgt Ion: 62 Resp: 85044

Ion Ratio Lower Upper

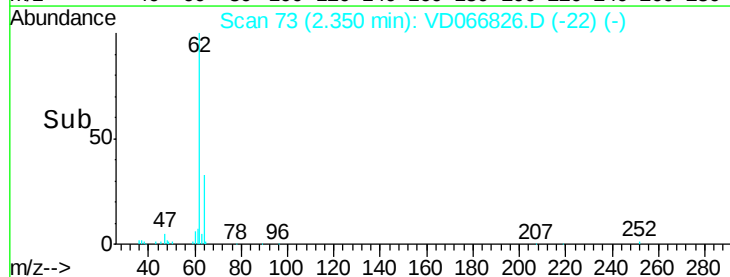
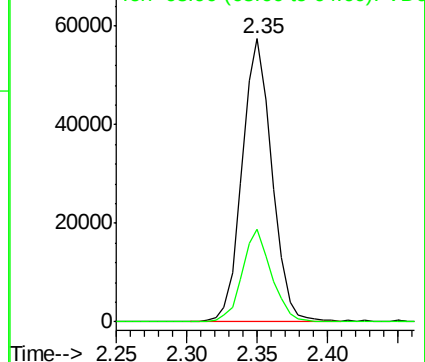
62 100

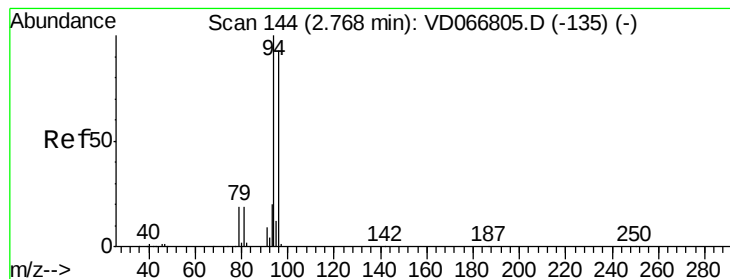
64 32.9 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.191 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

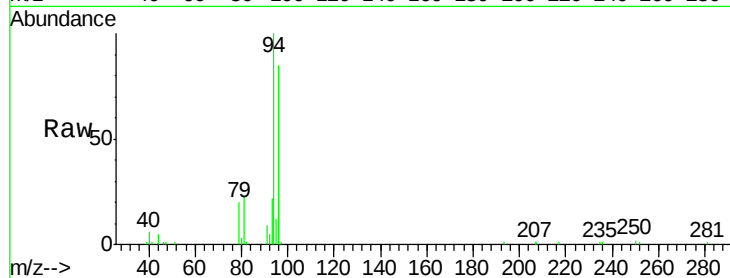
VD0923SBS01

Tgt Ion: 94 Resp: 51802

Ion Ratio Lower Upper

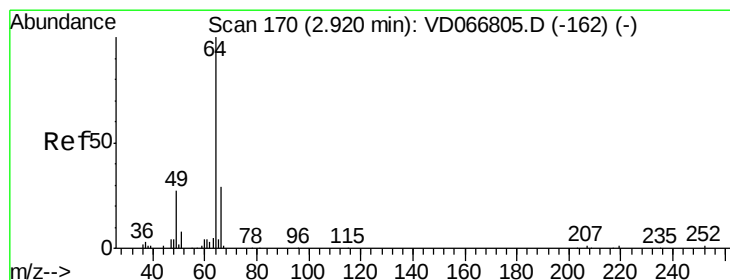
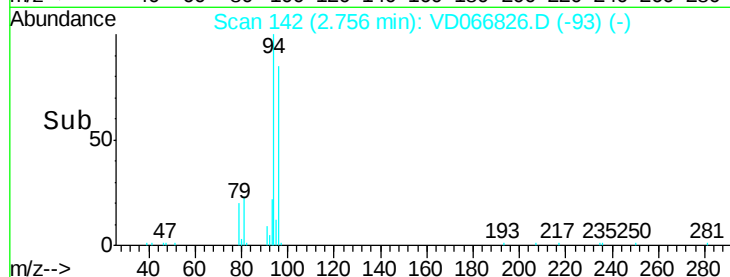
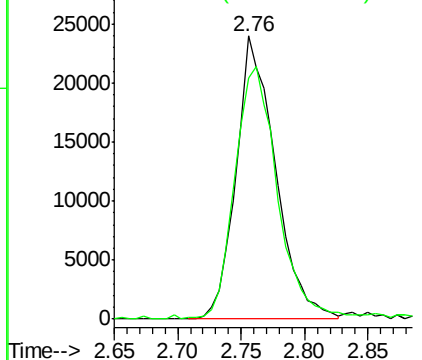
94 100

96 84.2 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: 20.997 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066826.D

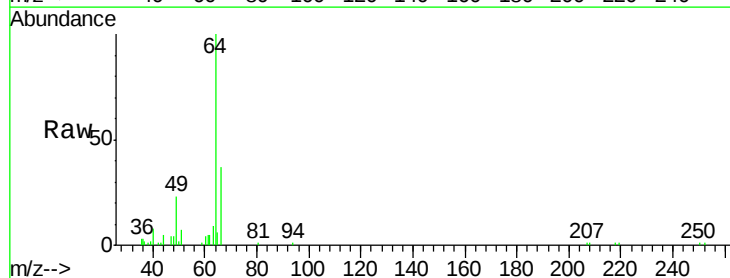
Acq: 23 Sep 2020 11:22

Tgt Ion: 64 Resp: 47593

Ion Ratio Lower Upper

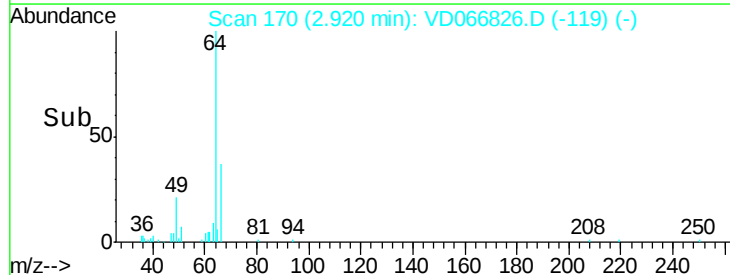
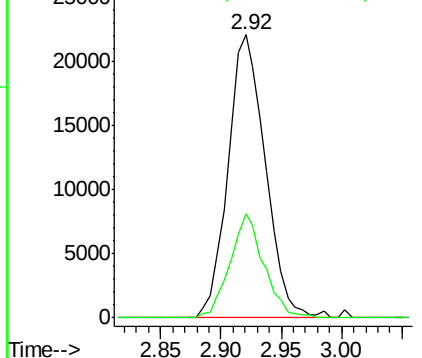
64 100

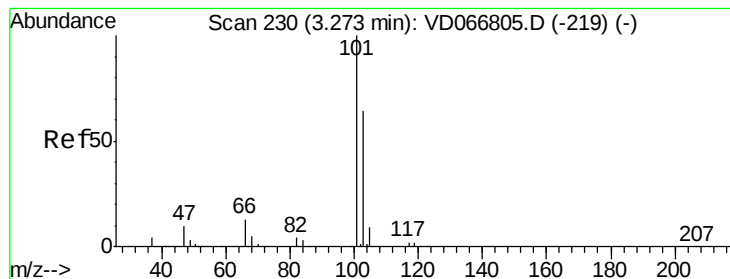
66 36.9 23.3 34.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



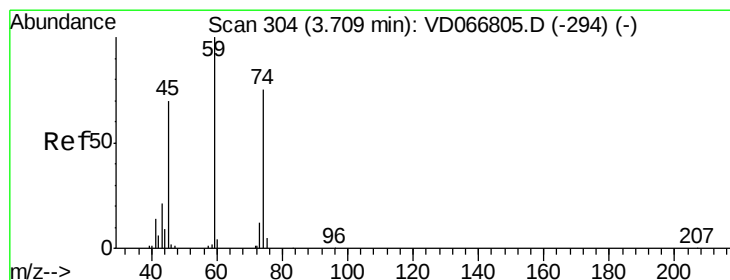
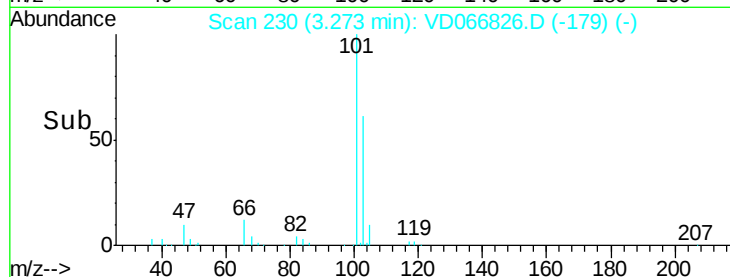
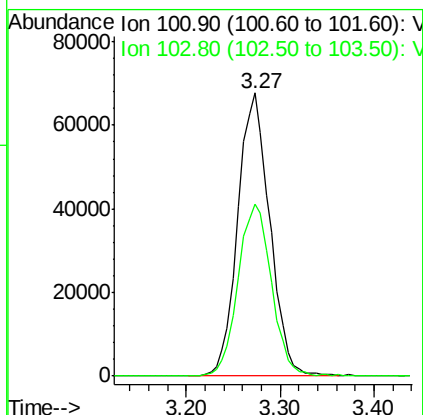
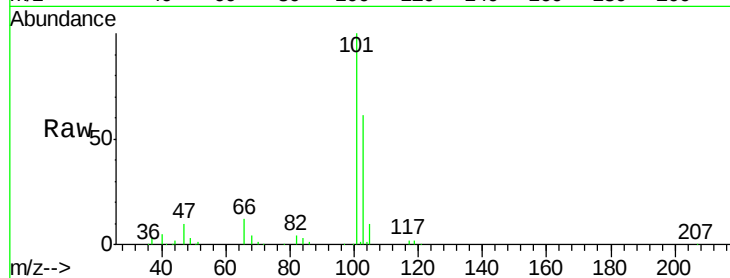


#7

Trichlorofluoromethane
 Concen: 21.396 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

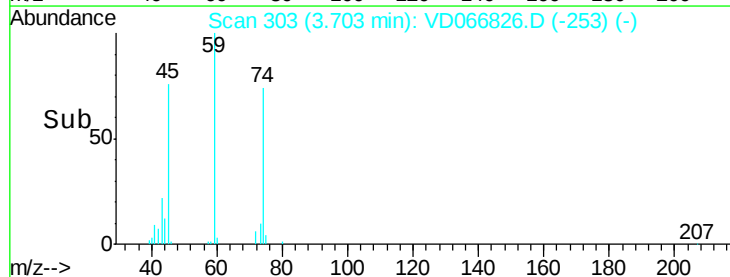
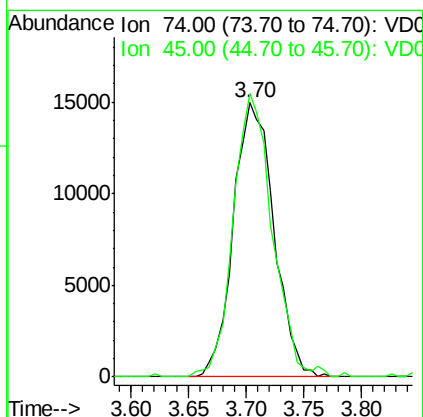
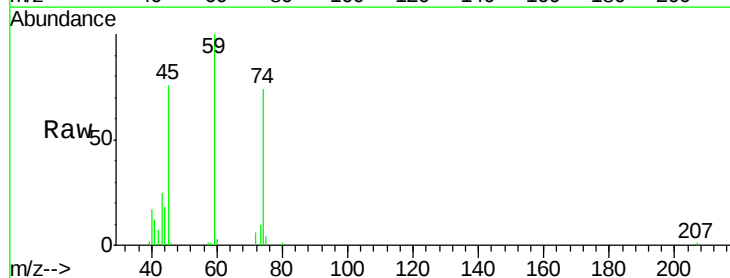
Tgt Ion:101 Resp: 160395
 Ion Ratio Lower Upper
 101 100
 103 60.9 51.0 76.6

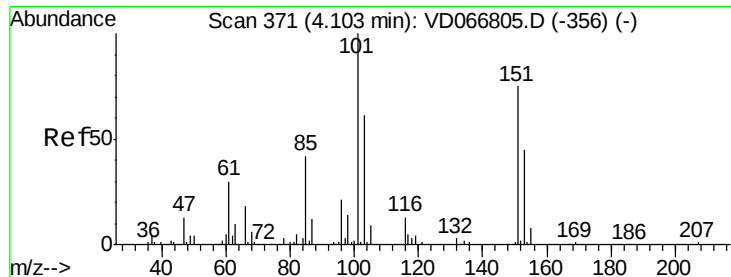


#8

Diethyl Ether
 Concen: 19.126 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion: 74 Resp: 36399
 Ion Ratio Lower Upper
 74 100
 45 99.8 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.660 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

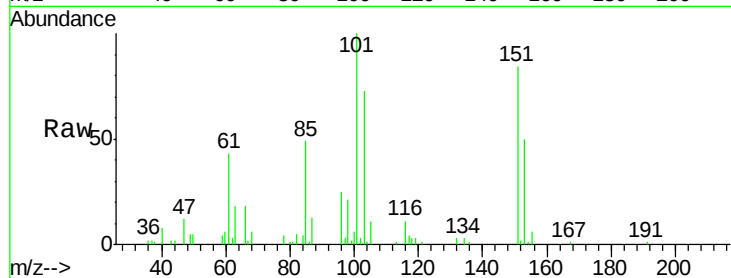
Tgt Ion:101 Resp: 94153

Ion Ratio Lower Upper

101 100

85 43.7 35.4 53.2

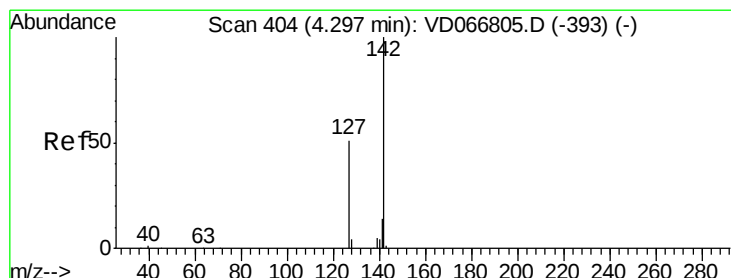
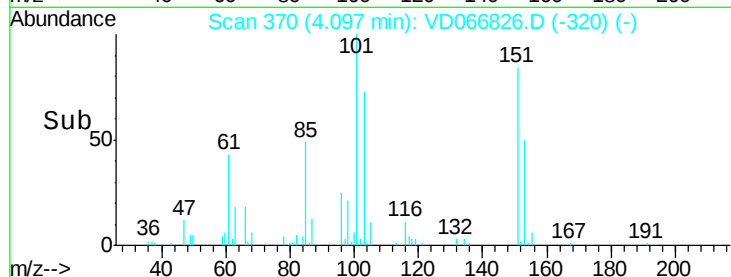
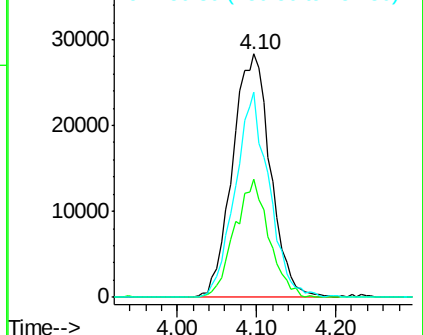
151 75.5 61.4 92.0



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: 23.811 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

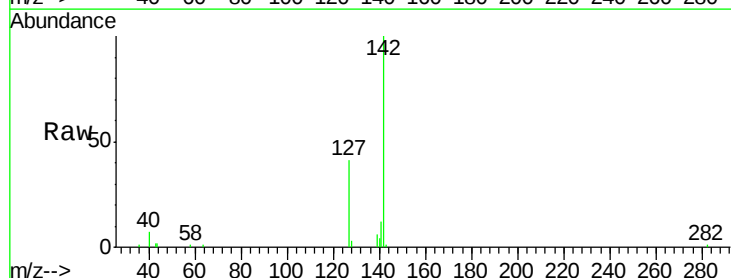
Tgt Ion:142 Resp: 91335

Ion Ratio Lower Upper

142 100

127 47.0 39.4 59.0

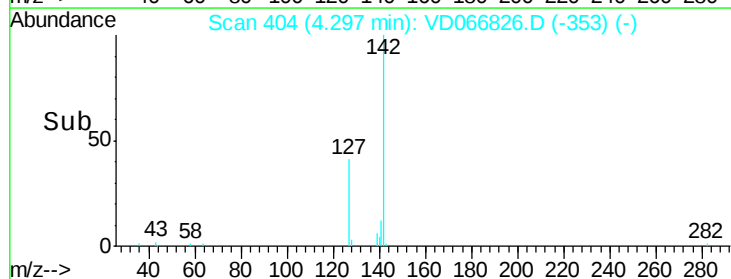
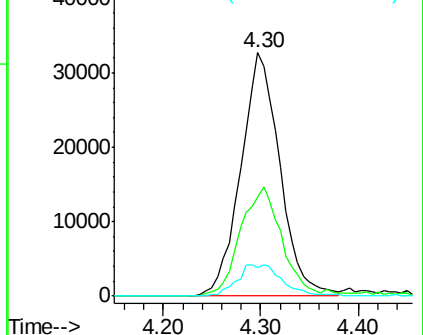
141 14.8 12.1 18.1

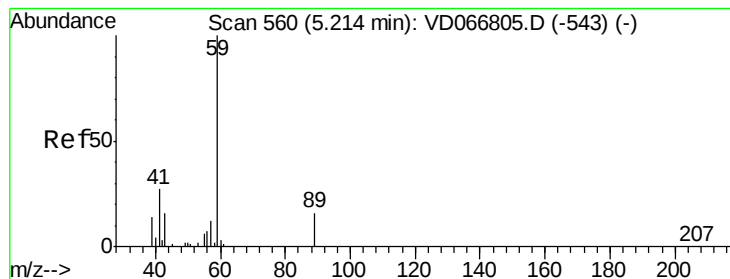


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 47.515 ug/l

RT: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

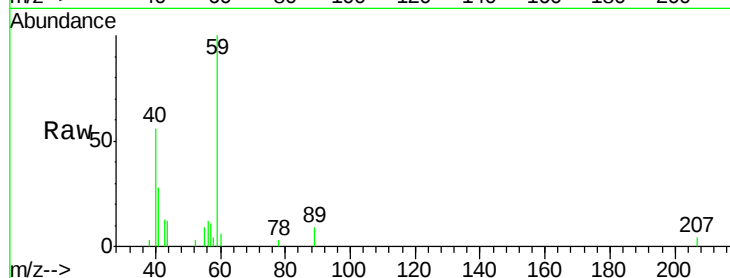
VD0923SBS01

Tgt Ion: 59 Resp: 20505

Ion Ratio Lower Upper

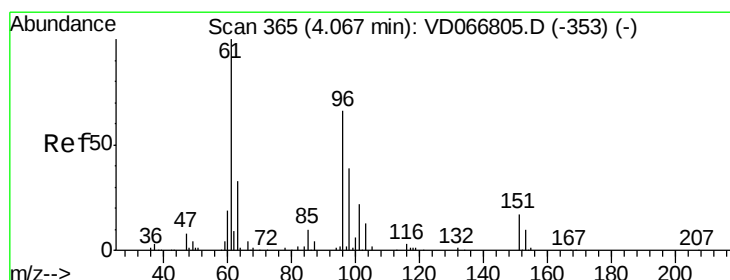
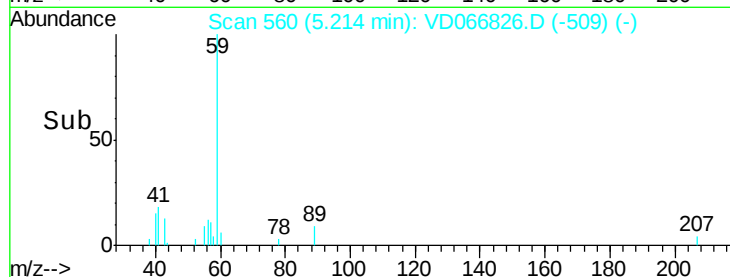
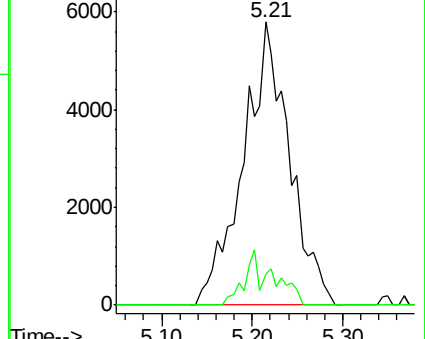
59 100

57 7.0 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: 20.488 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

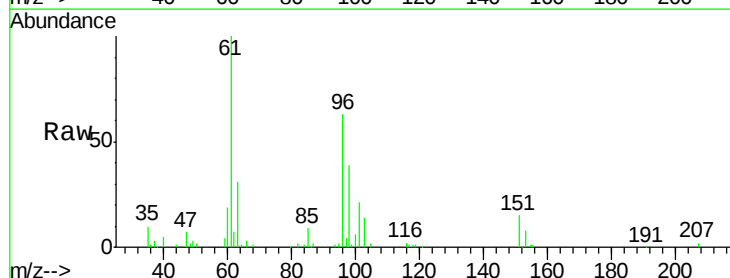
Tgt Ion: 96 Resp: 80676

Ion Ratio Lower Upper

96 100

61 159.6 120.8 181.2

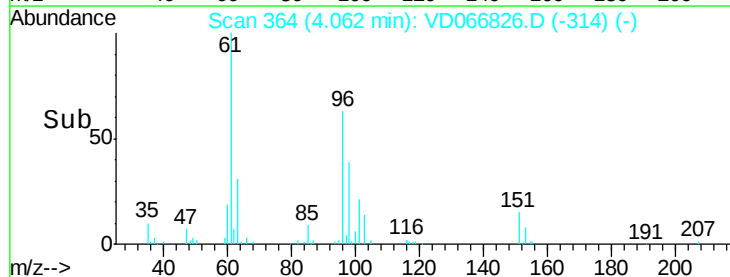
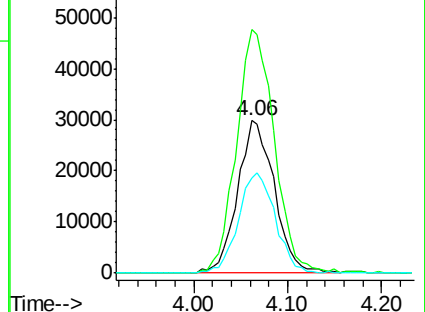
98 62.4 47.7 71.5

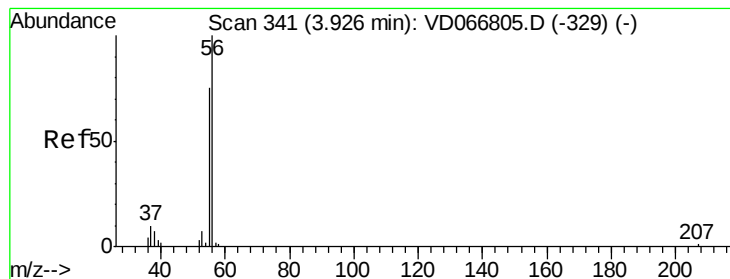


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 97.456 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

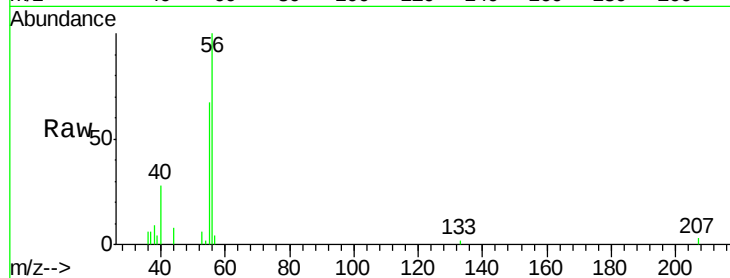
VD0923SBS01

Tgt Ion: 56 Resp: 28296

Ion Ratio Lower Upper

56 100

55 68.1 60.3 90.5



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.91

12000

10000

8000

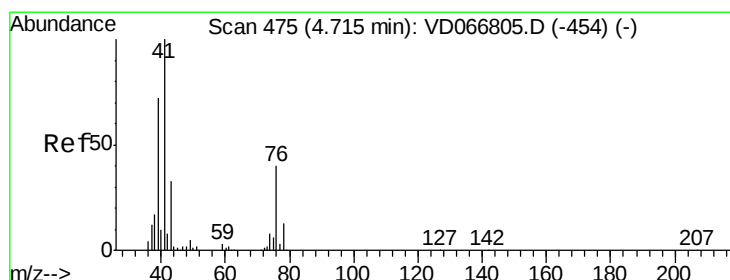
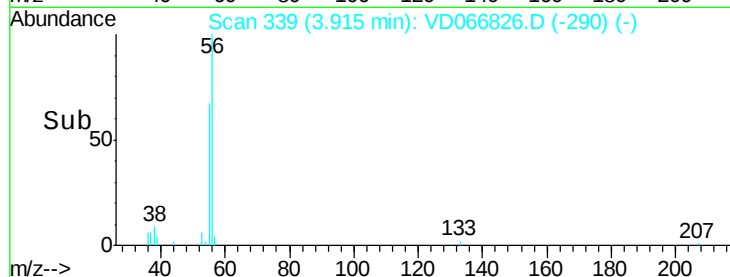
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 20.369 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

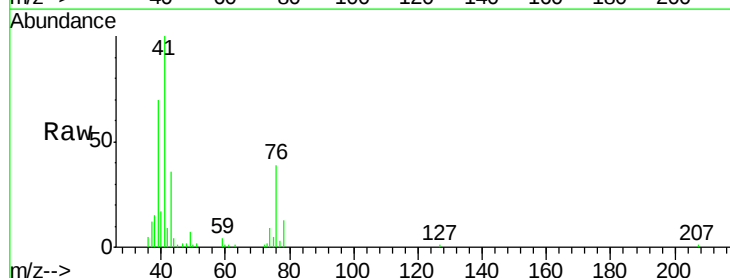
Tgt Ion: 41 Resp: 117774

Ion Ratio Lower Upper

41 100

39 72.5 57.8 86.8

76 40.9 30.9 46.3



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

50000

40000

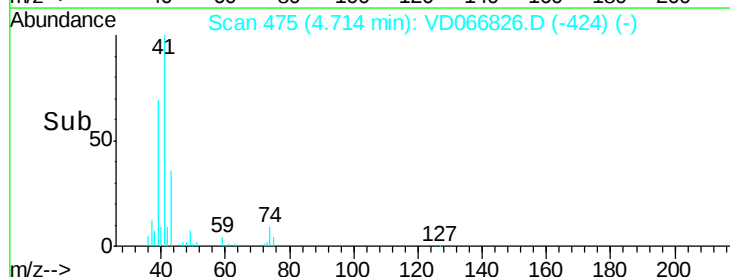
30000

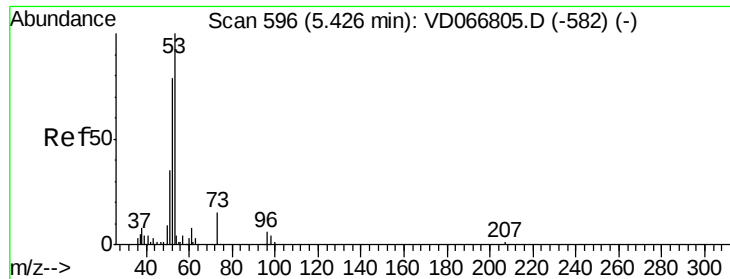
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 96.088 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

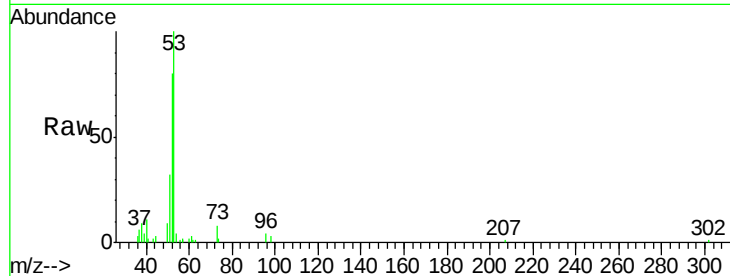
Tgt Ion: 53 Resp: 81039

Ion Ratio Lower Upper

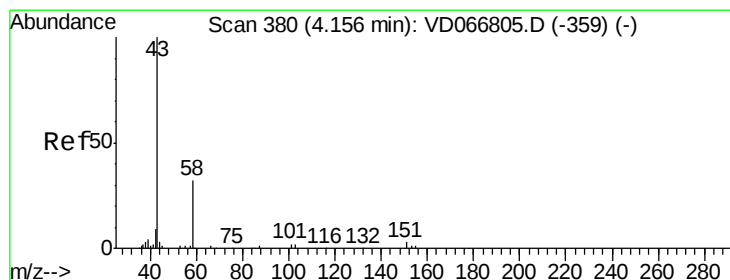
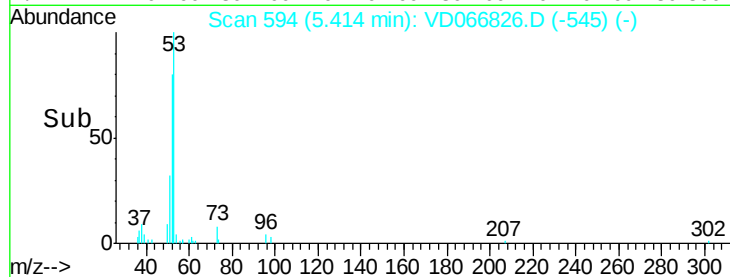
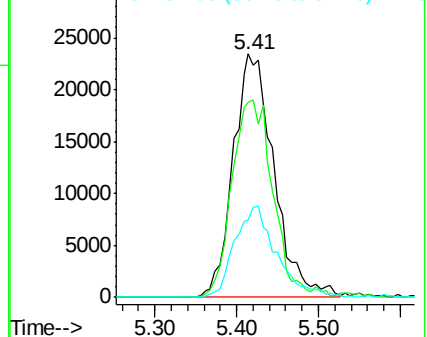
53 100

52 80.7 65.2 97.8

51 38.4 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: 80.338 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066826.D

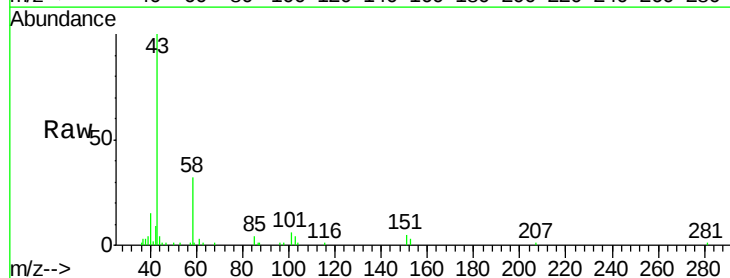
Acq: 23 Sep 2020 11:22

Tgt Ion: 43 Resp: 67076

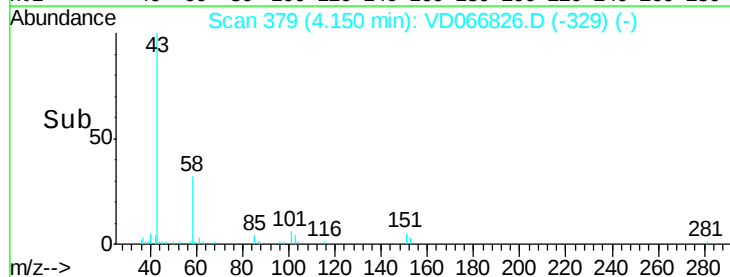
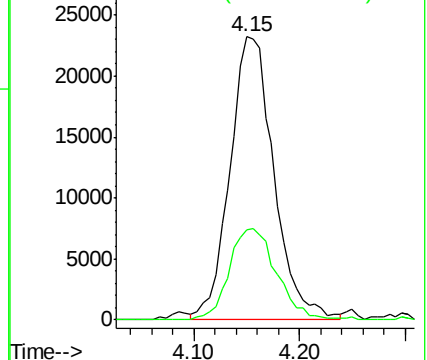
Ion Ratio Lower Upper

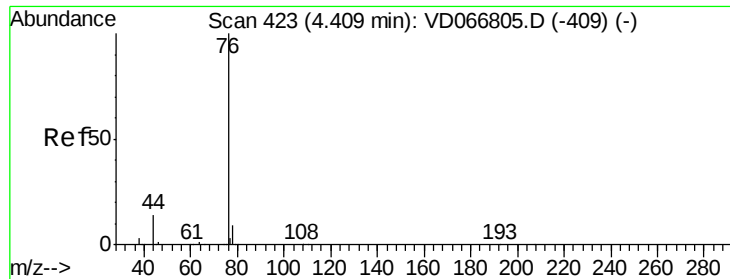
43 100

58 32.2 25.6 38.4



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

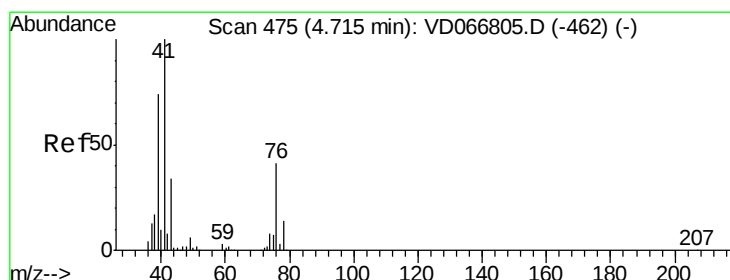
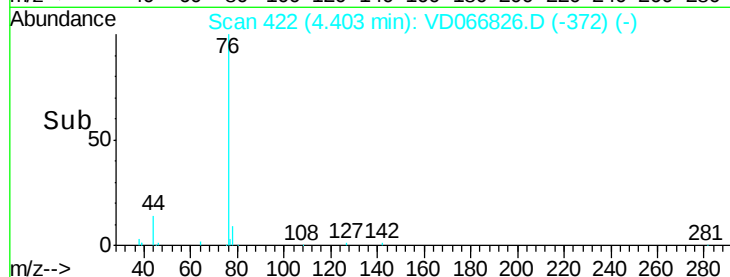
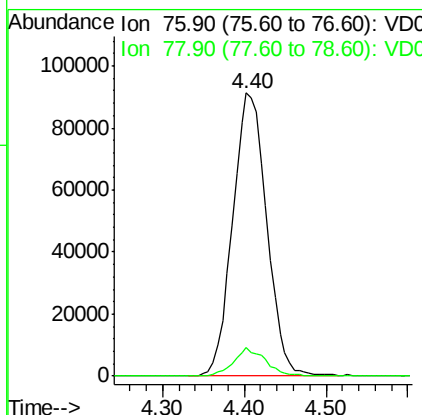
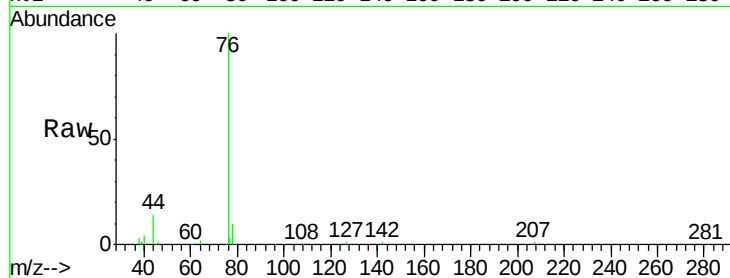




#17
Carbon Disulfide
Concen: 21.978 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

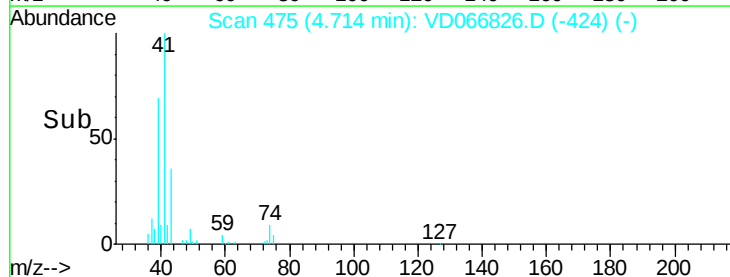
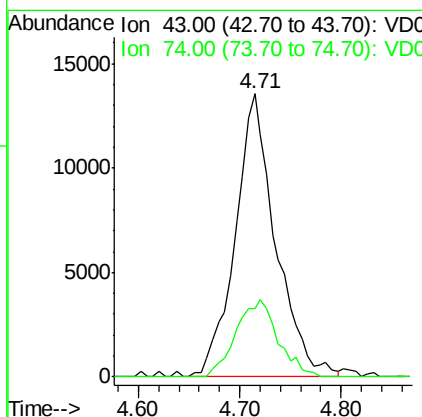
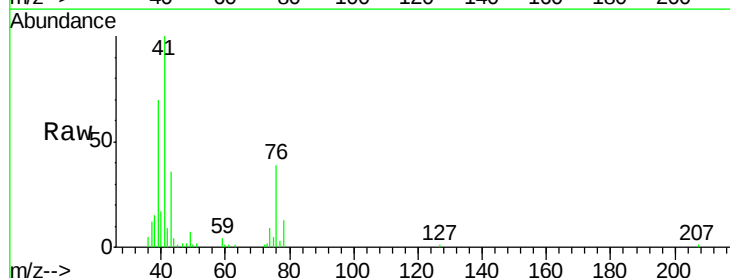
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBS01

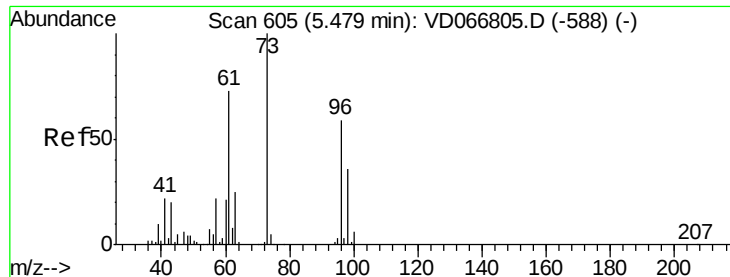
Tgt Ion: 76 Resp: 264588
Ion Ratio Lower Upper
76 100
78 10.0 7.6 11.4



#18
Methyl Acetate
Concen: 17.808 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

Tgt Ion: 43 Resp: 37527
Ion Ratio Lower Upper
43 100
74 28.2 20.3 30.5

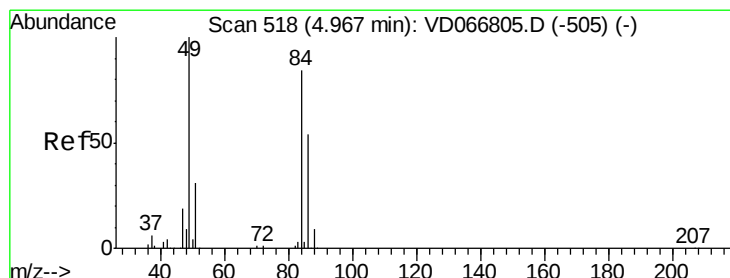
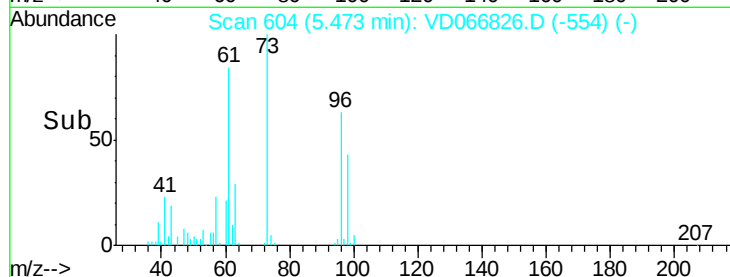
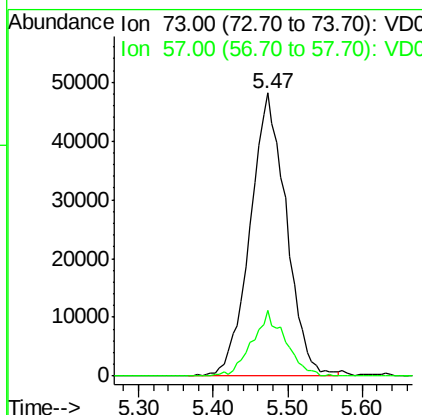
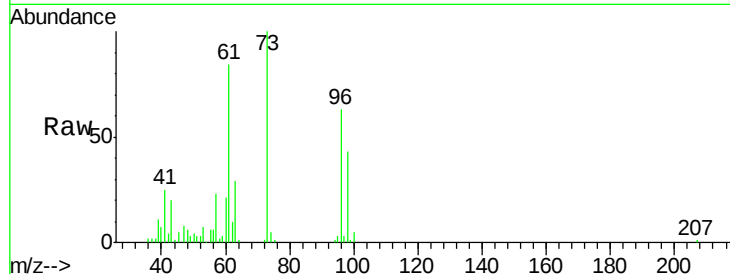




#19
Methyl tert-butyl Ether
Concen: 18.953 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

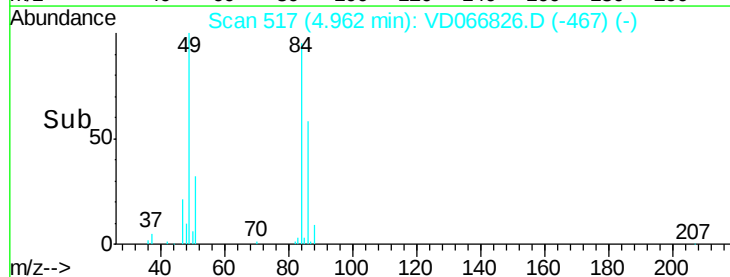
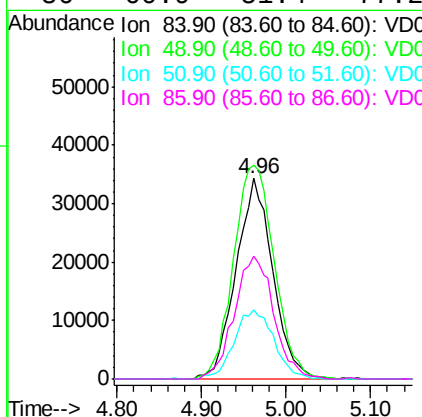
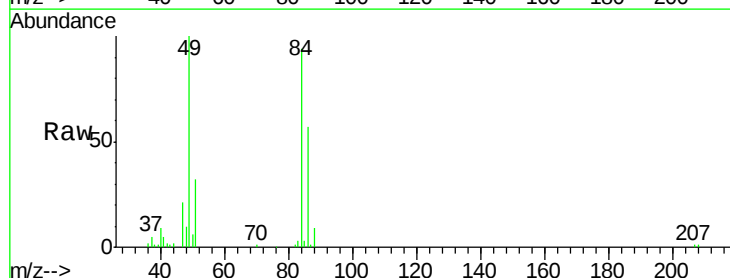
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBS01

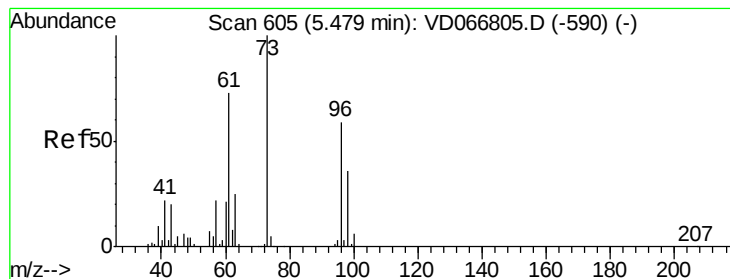
Tgt Ion: 73 Resp: 162072
Ion Ratio Lower Upper
73 100
57 23.5 17.4 26.2



#20
Methylene Chloride
Concen: 19.444 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

Tgt Ion: 84 Resp: 103647
Ion Ratio Lower Upper
84 100
49 106.3 95.4 143.2
51 34.2 29.7 44.5
86 60.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 21.265 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

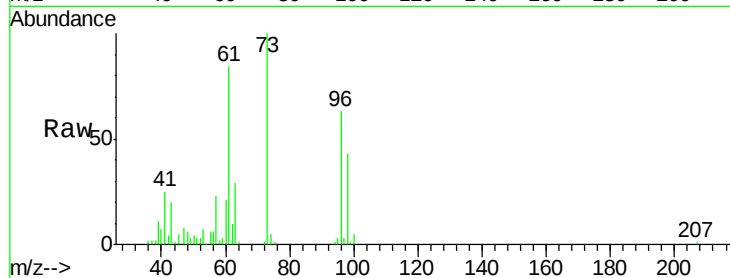
Tgt Ion: 96 Resp: 96958

Ion Ratio Lower Upper

96 100

61 132.6 98.9 148.3

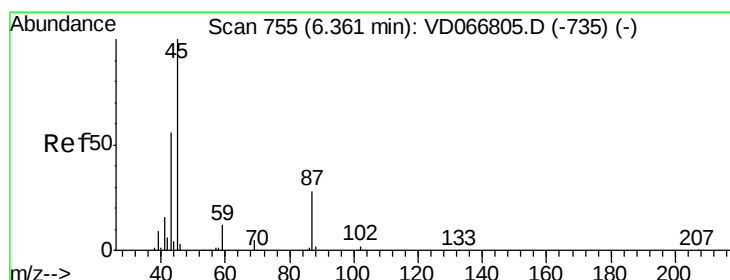
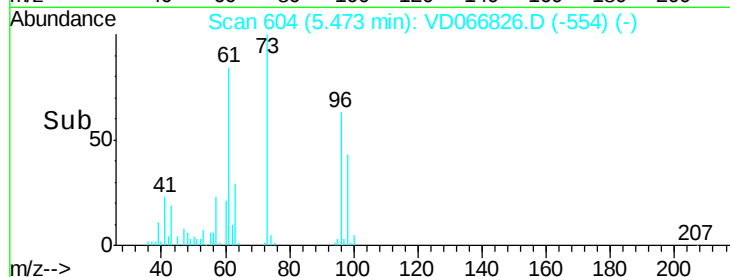
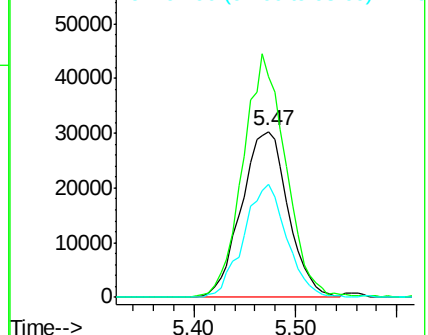
98 68.5 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.889 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Tgt Ion: 45 Resp: 248338

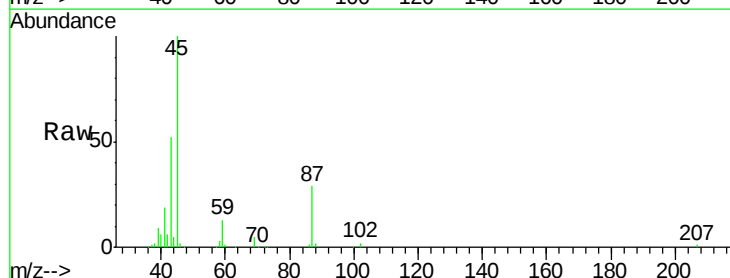
Ion Ratio Lower Upper

45 100

43 51.3 44.5 66.7

87 29.5 22.9 34.3

59 12.6 9.4 14.0

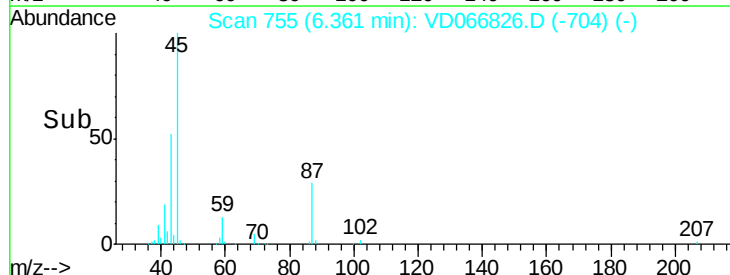
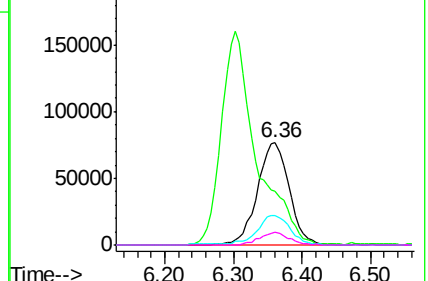


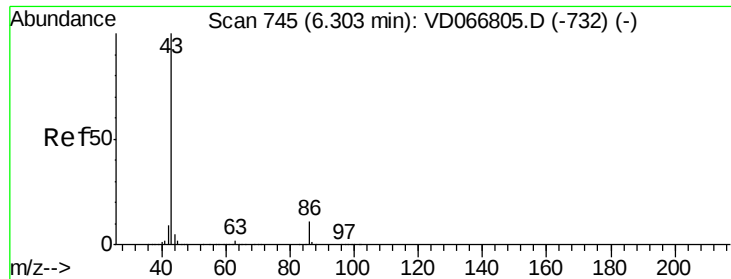
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 89.636 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

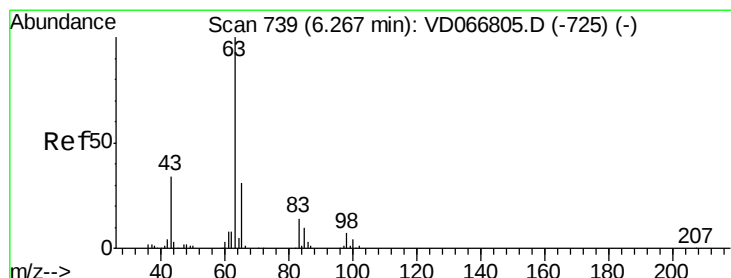
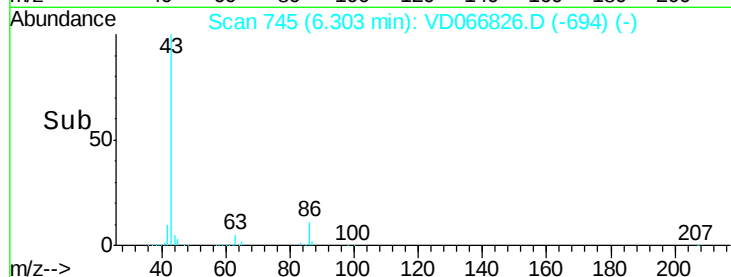
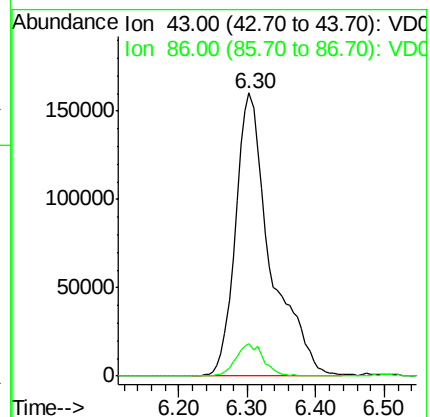
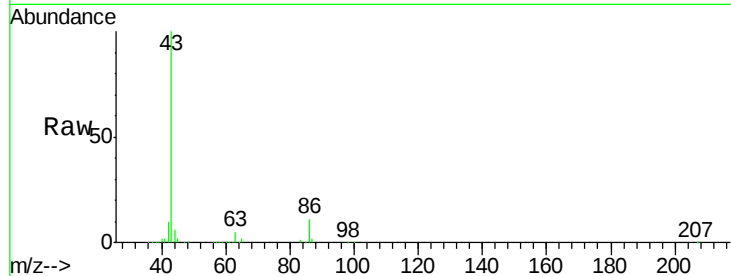
VD0923SBS01

Tgt Ion: 43 Resp: 567394

Ion Ratio Lower Upper

43 100

86 11.4 8.9 13.3



#24

1,1-Dichloroethane

Concen: 21.047 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

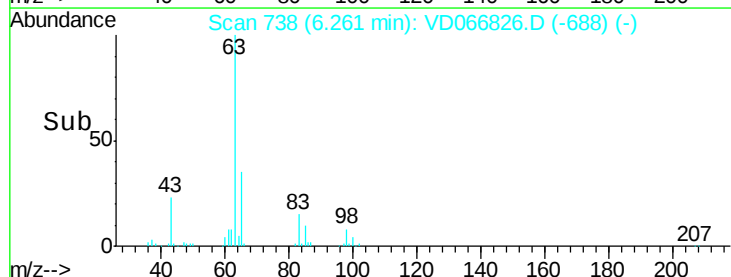
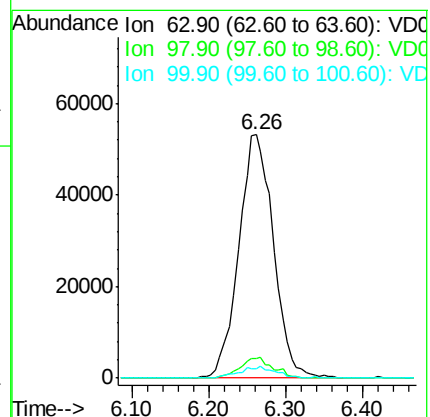
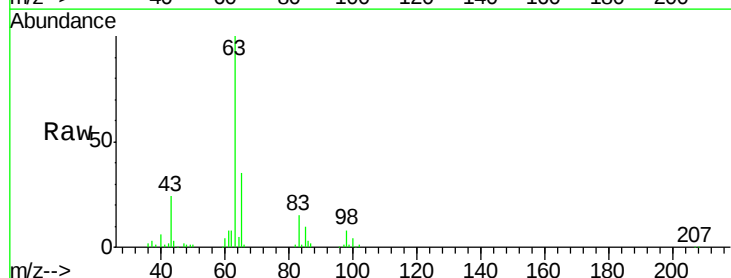
Tgt Ion: 63 Resp: 167395

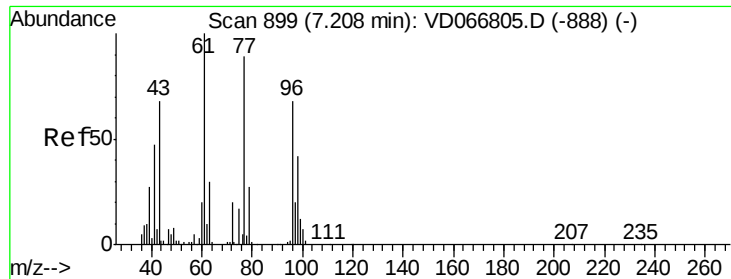
Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

100 4.0 1.8 5.5





#25

2-Butanone

Concen: 85.430 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

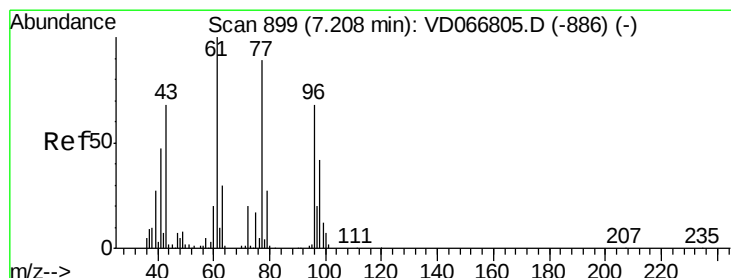
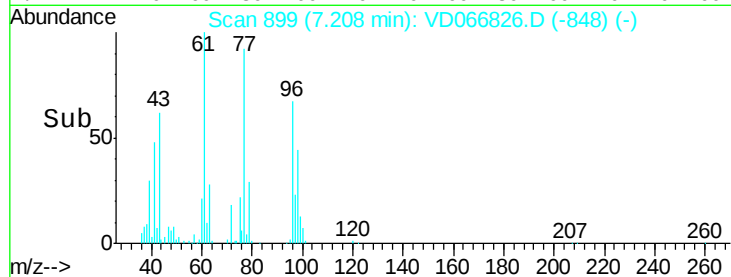
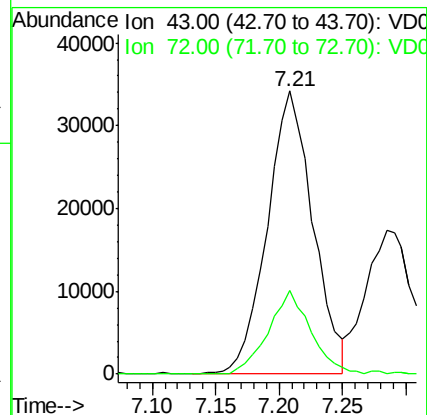
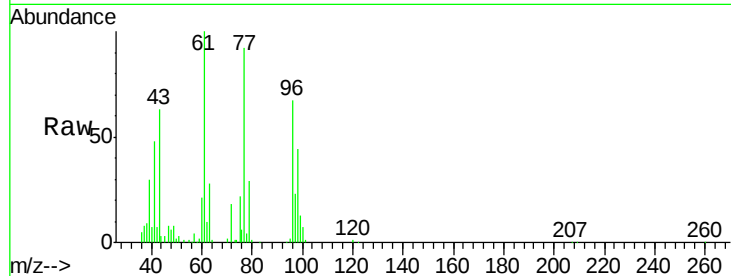
VD0923SBS01

Tgt Ion: 43 Resp: 85717

Ion Ratio Lower Upper

43 100

72 29.4 22.9 34.3



#26

2,2-Dichloropropane

Concen: 20.624 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066826.D

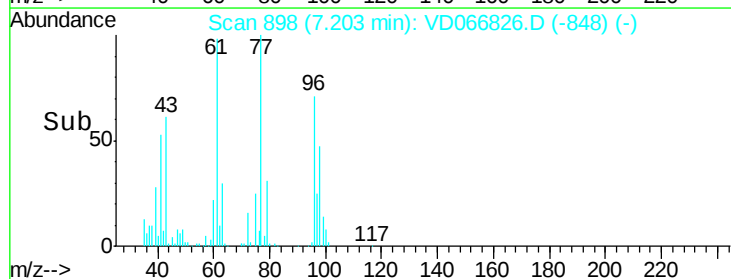
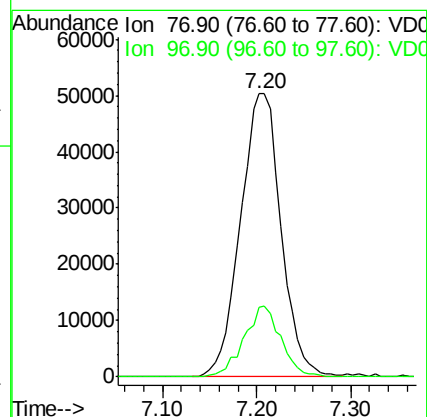
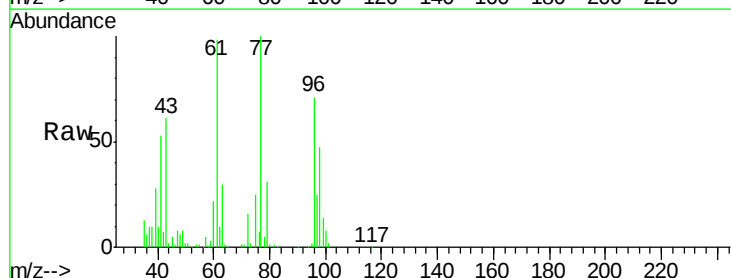
Acq: 23 Sep 2020 11:22

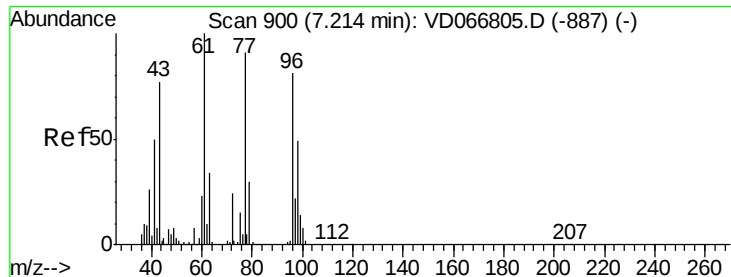
Tgt Ion: 77 Resp: 150344

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.1



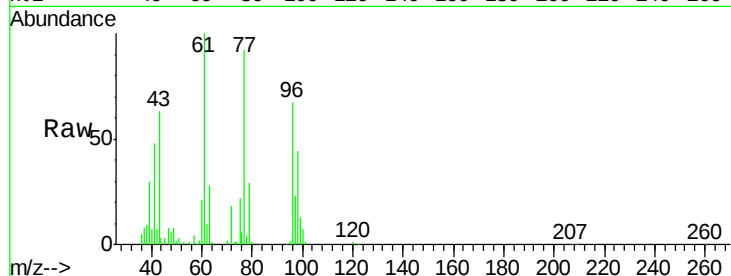


#27

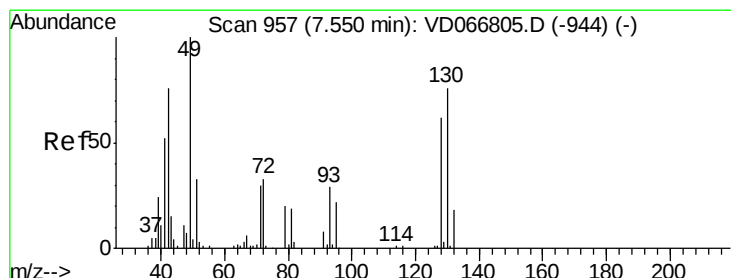
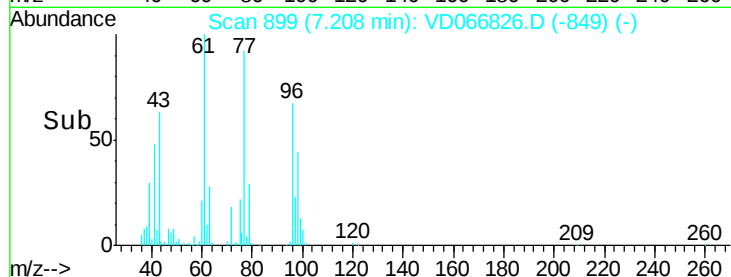
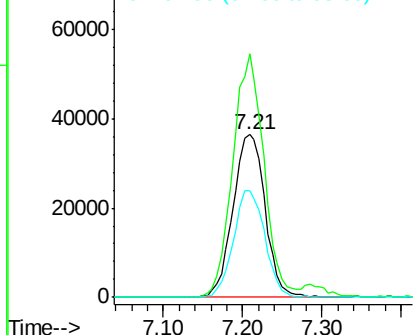
cis-1,2-Dichloroethene
 Concen: 20.694 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	283.8
98	63.6	0.0	128.4



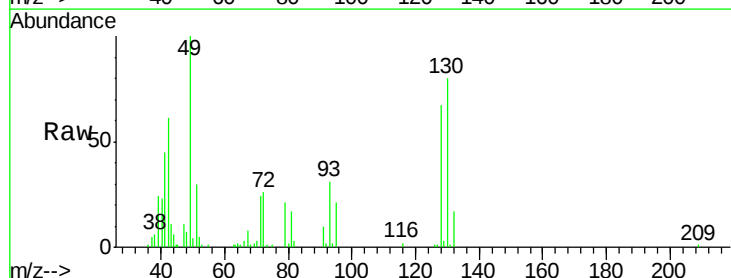
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



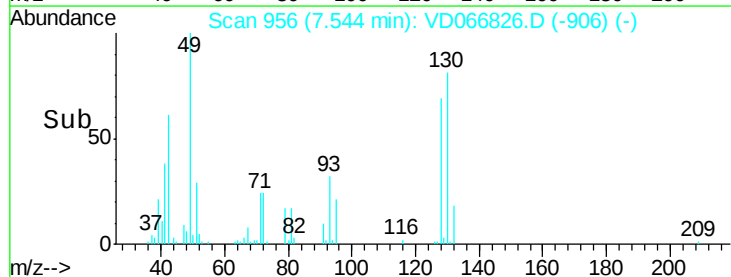
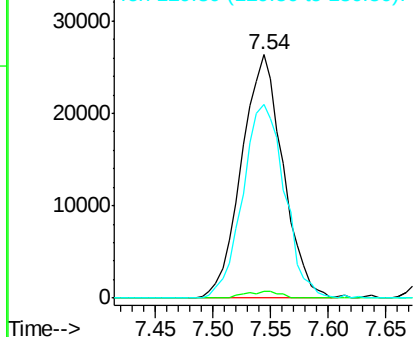
#28

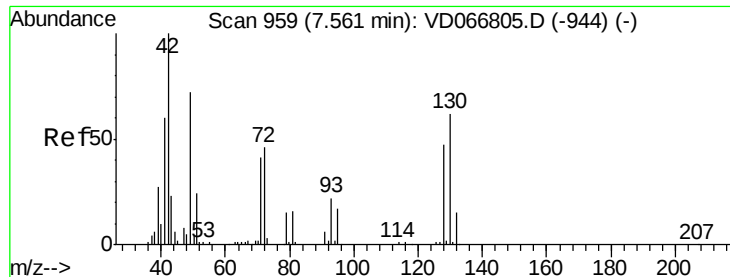
Bromochloromethane
 Concen: 20.042 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.0#
130	80.7	65.9	98.9



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

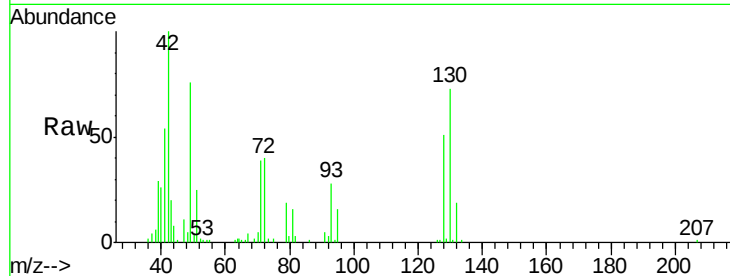




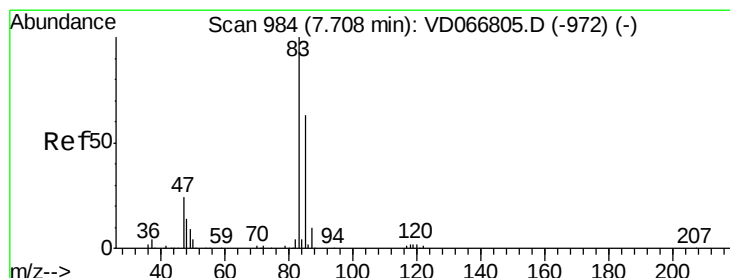
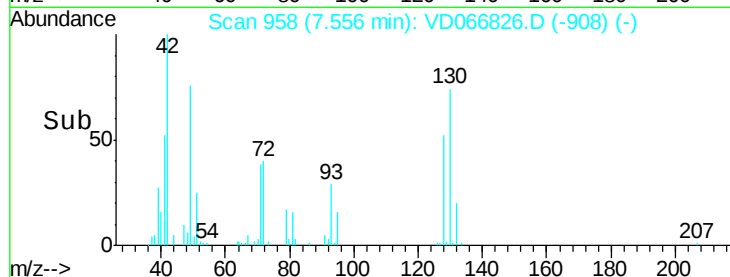
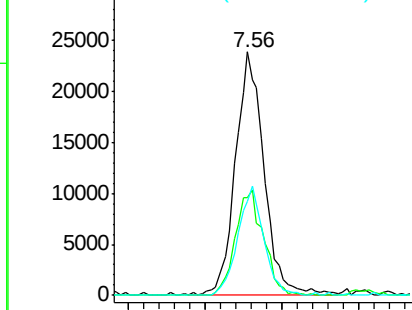
#29
Tetrahydrofuran
Concen: 97.024 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

Instrument :
MSVOA_D
ClientSampleId :
VD0923SBS01

Tgt Ion: 42 Resp: 62377
Ion Ratio Lower Upper
42 100
72 42.5 36.2 54.4
71 40.4 32.4 48.6

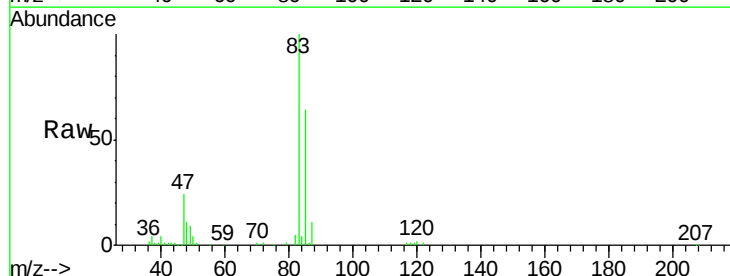


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

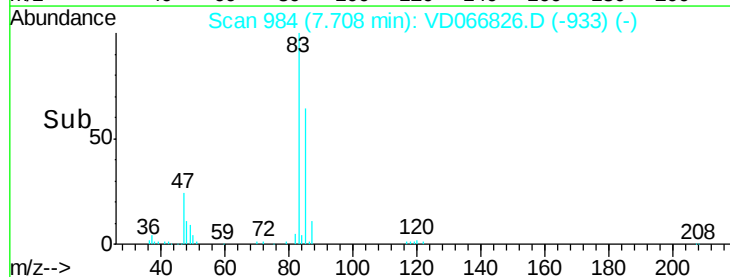
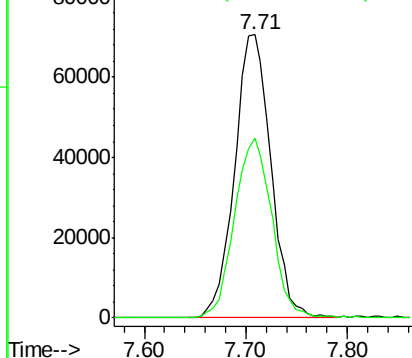


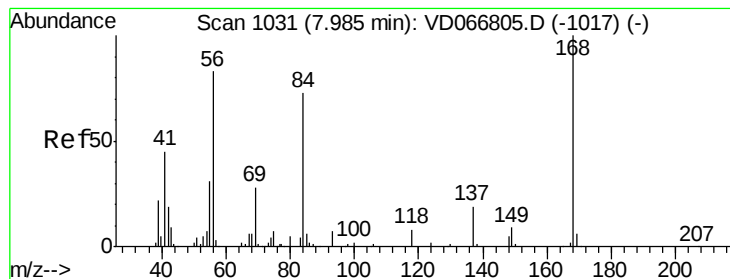
#30
Chloroform
Concen: 20.471 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

Tgt Ion: 83 Resp: 175507
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: 20.943 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

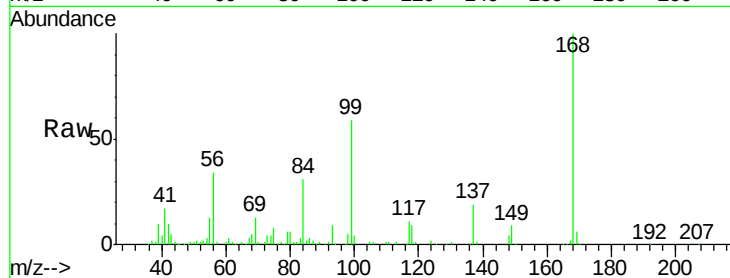
Tgt Ion: 56 Resp: 149874

Ion Ratio Lower Upper

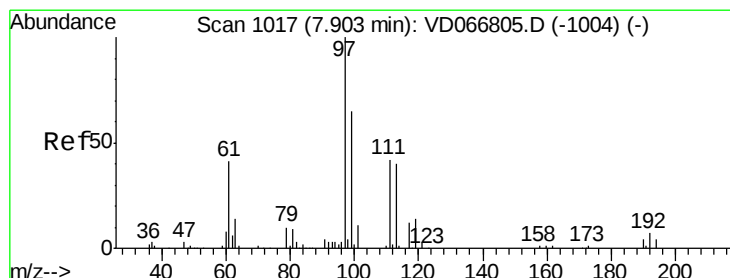
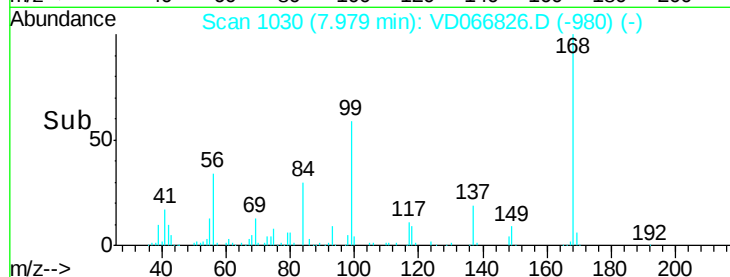
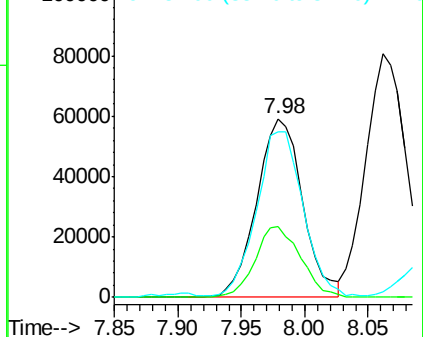
56 100

69 39.9 27.0 40.4

84 90.5 70.2 105.4



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



#32

1,1,1-Trichloroethane

Concen: 21.257 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

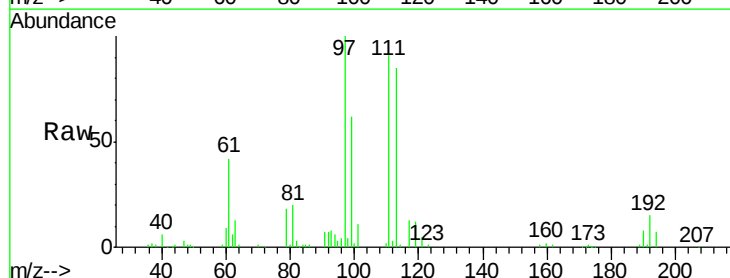
Tgt Ion: 97 Resp: 164861

Ion Ratio Lower Upper

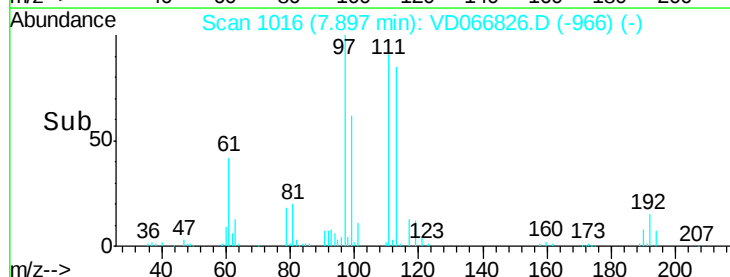
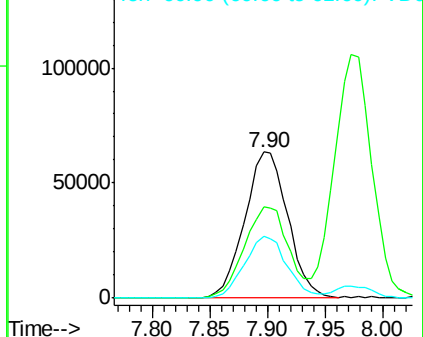
97 100

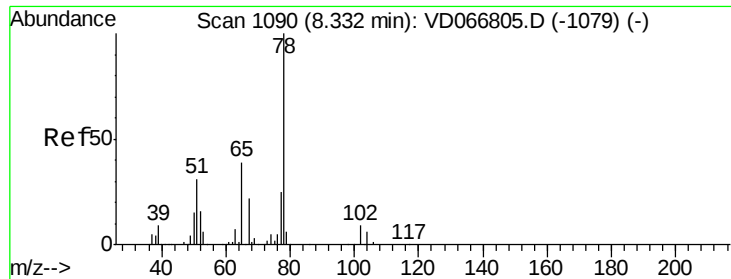
99 63.4 51.5 77.3

61 42.2 34.2 51.4



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

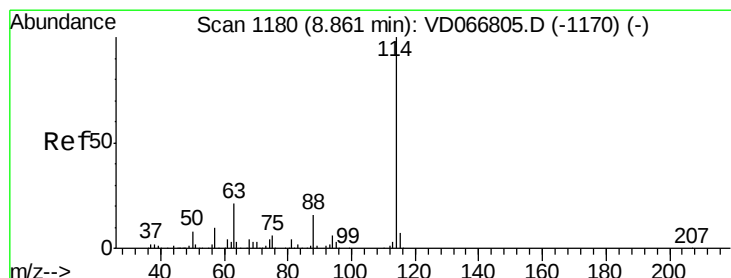
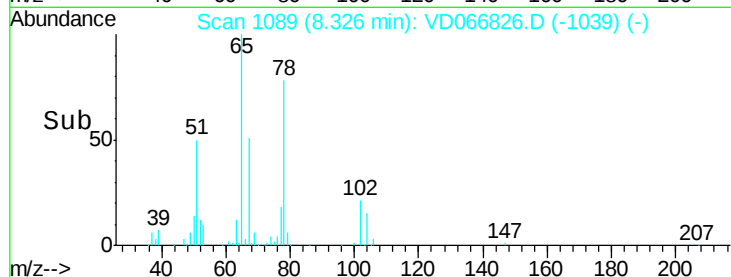
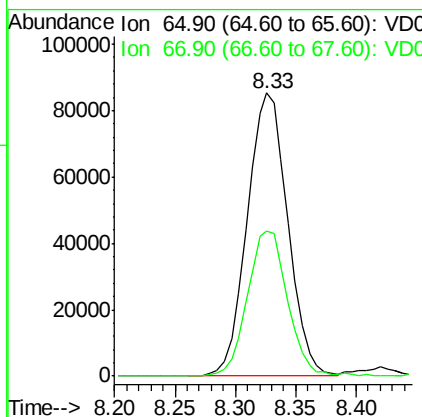
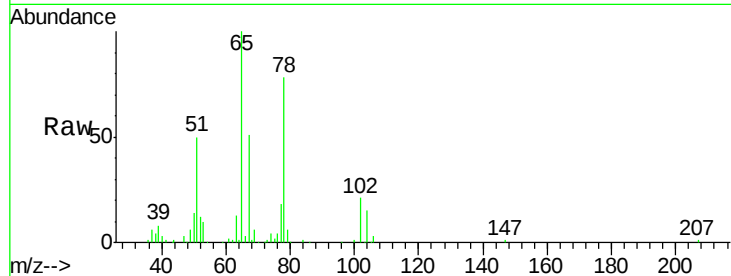




#33
 1,2-Dichloroethane-d4
 Concen: 50.734 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

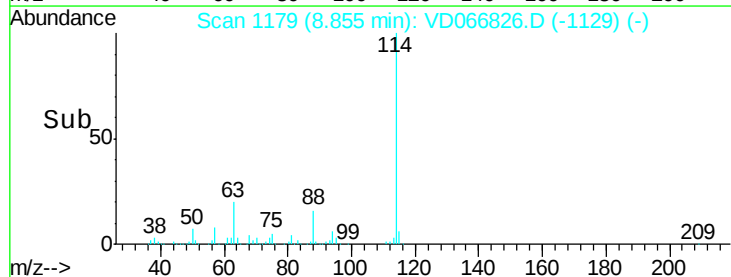
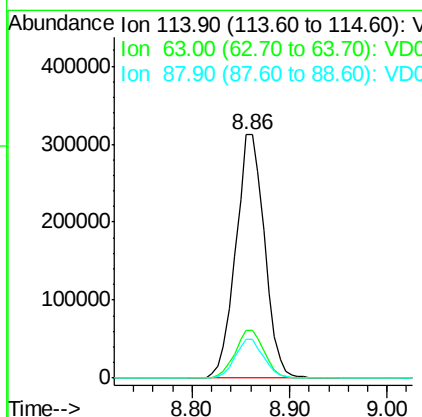
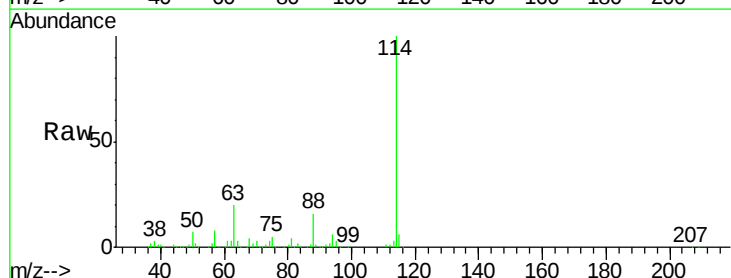
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

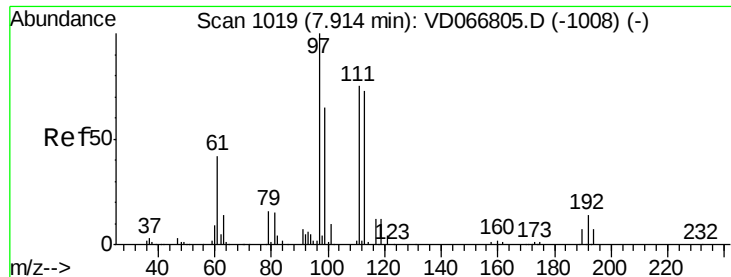
Tgt Ion: 65 Resp: 199682
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion: 114 Resp: 644176
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.6
 88 16.1 0.0 32.6

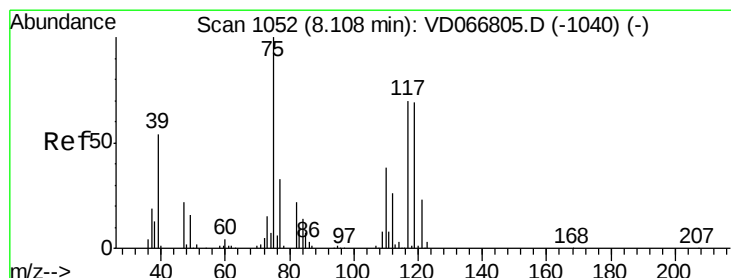
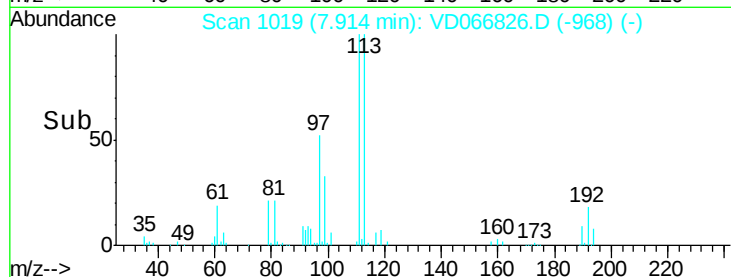
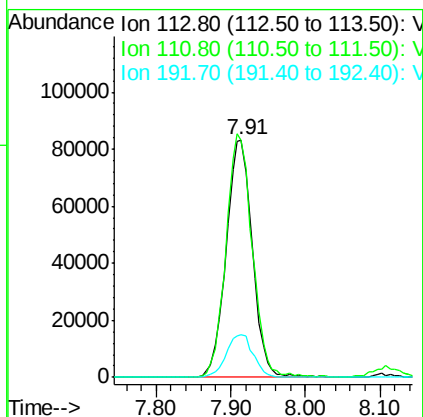
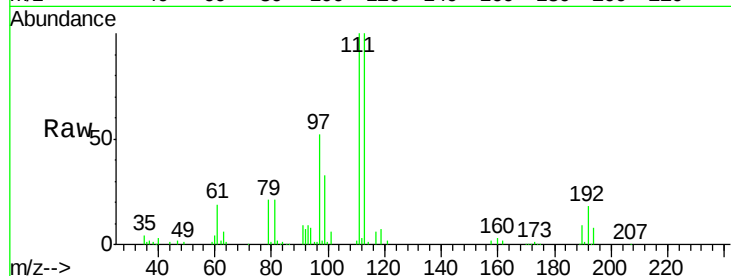




#35
 Dibromofluoromethane
 Concen: 49.529 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

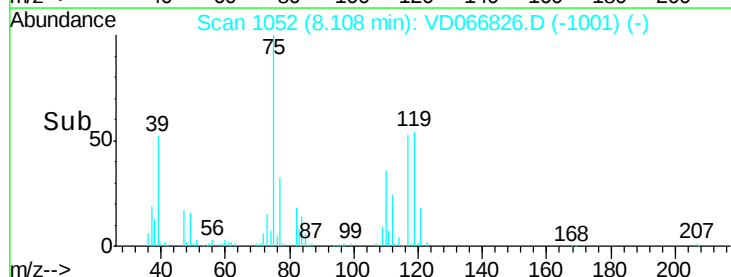
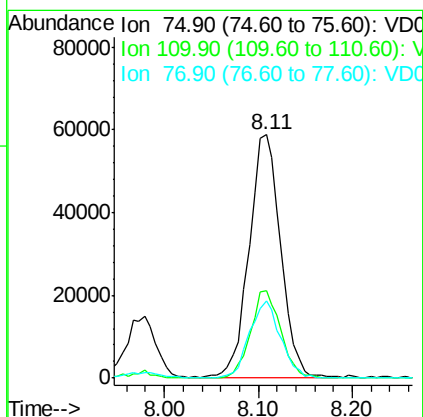
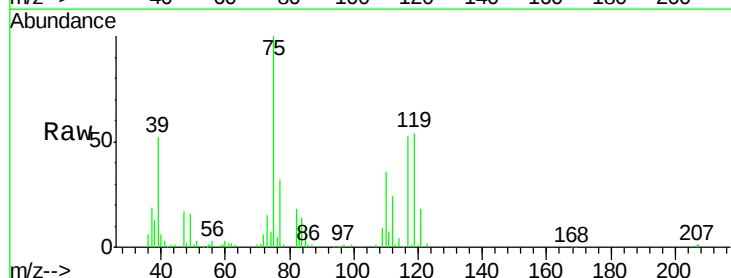
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

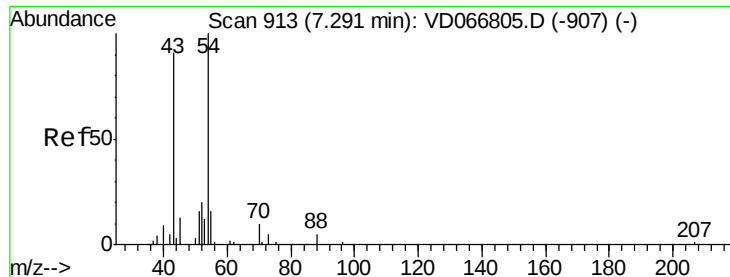
Tgt Ion: 113 Resp: 202982
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.8
 192 18.4 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 21.302 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion: 75 Resp: 136135
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.9 53.8
 77 31.5 25.0 37.6





#37

Ethyl Acetate

Concen: 19.042 ug/l

RT: 7.28 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

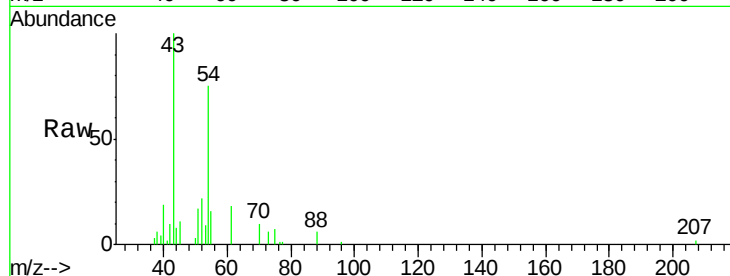
Tgt Ion: 43 Resp: 43994

Ion Ratio Lower Upper

43 100

61 14.9 9.8 14.8#

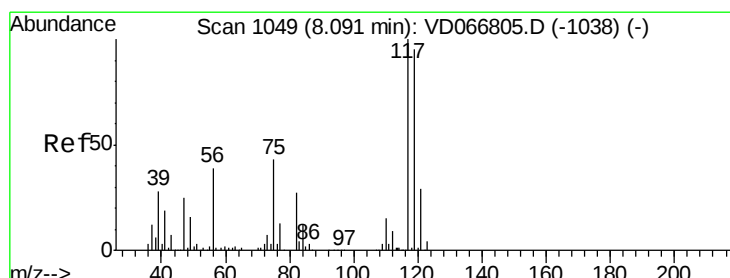
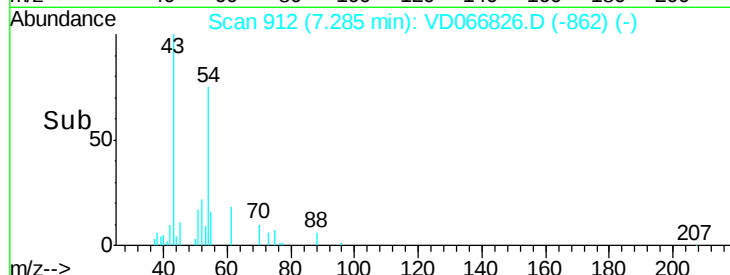
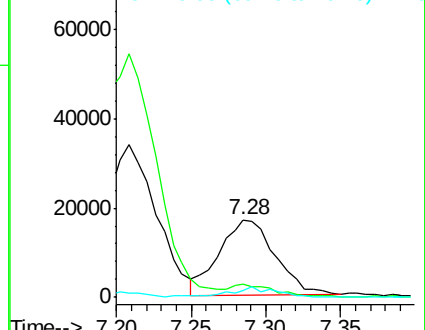
70 11.5 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 21.236 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

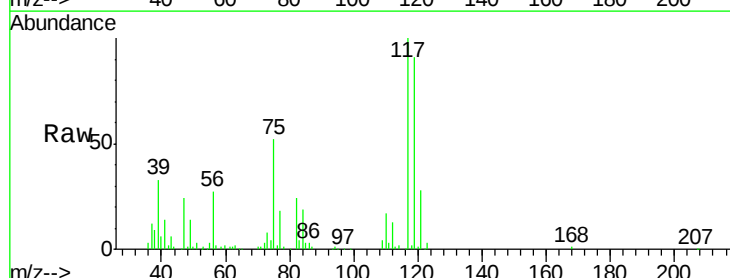
Tgt Ion: 117 Resp: 148375

Ion Ratio Lower Upper

117 100

119 90.9 75.8 113.8

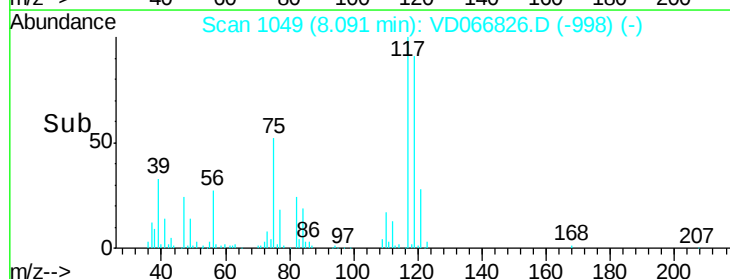
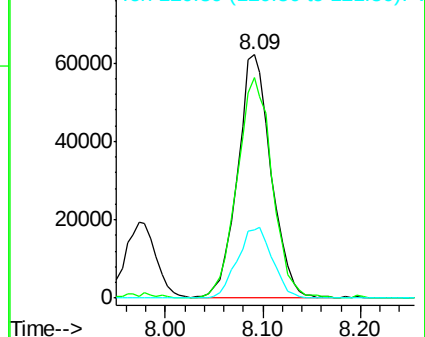
121 27.9 23.4 35.0

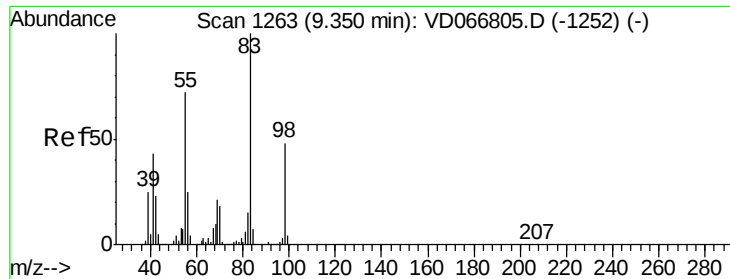


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

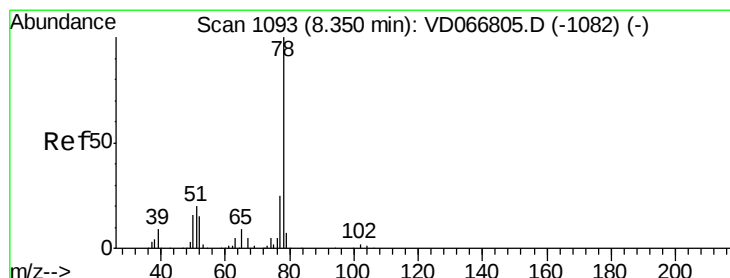
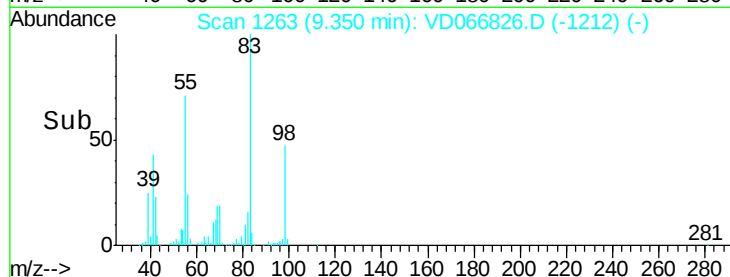
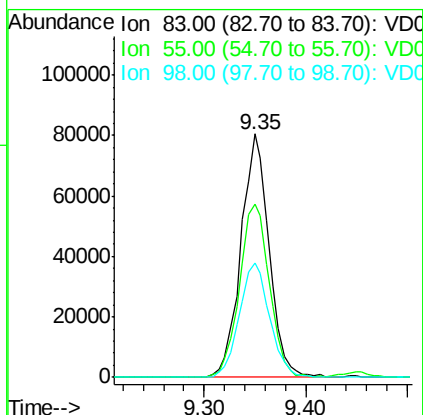
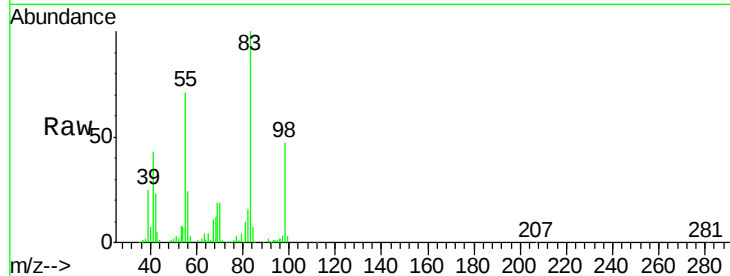




#39
Methylcyclohexane
Concen: 21.174 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

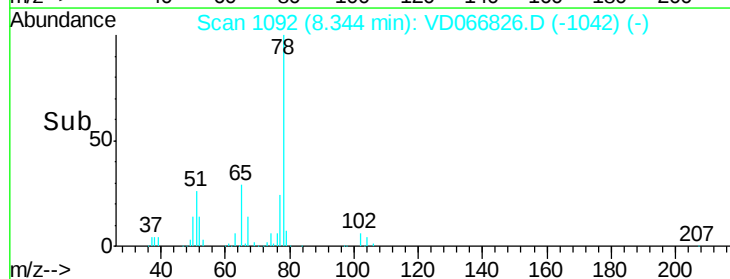
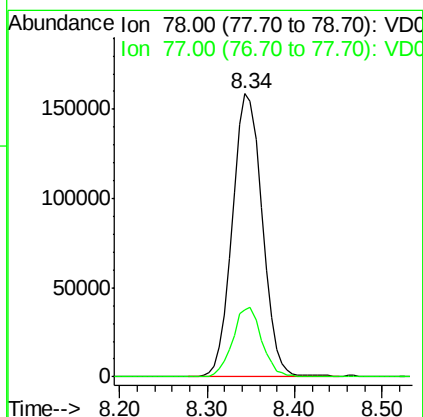
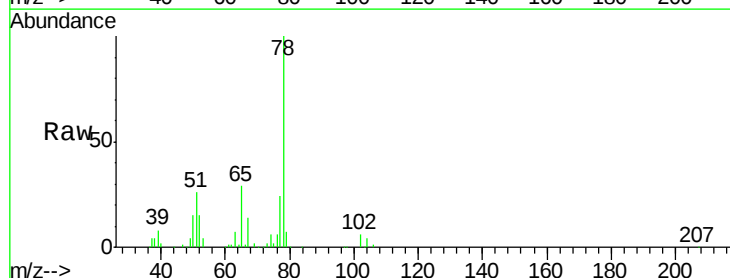
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBS01

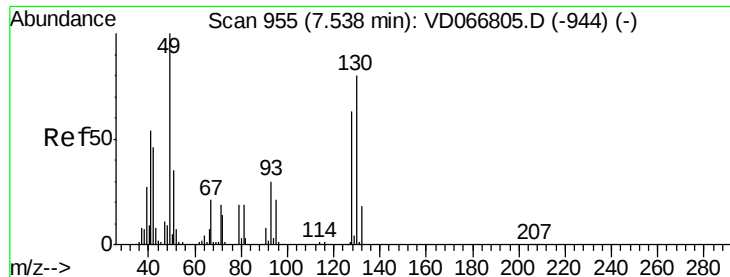
Tgt Ion: 83 Resp: 155364
Ion Ratio Lower Upper
83 100
55 71.0 57.7 86.5
98 46.8 38.4 57.6



#40
Benzene
Concen: 20.666 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

Tgt Ion: 78 Resp: 368074
Ion Ratio Lower Upper
78 100
77 23.9 19.9 29.9





#41

Methacrylonitrile

Concen: 17.890 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

Tgt Ion: 41 Resp: 25418

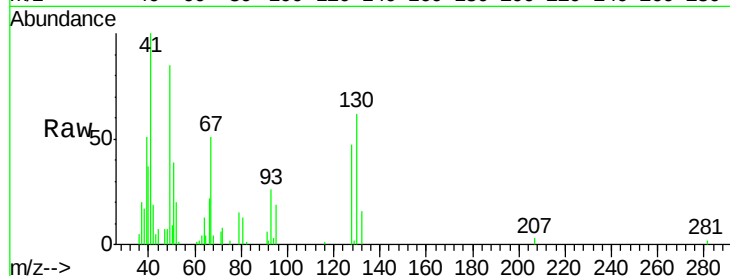
Ion Ratio Lower Upper

41 100

39 57.7 0.0 0.0#

67 74.4 0.0 0.0#

52 35.5 0.0 0.0#

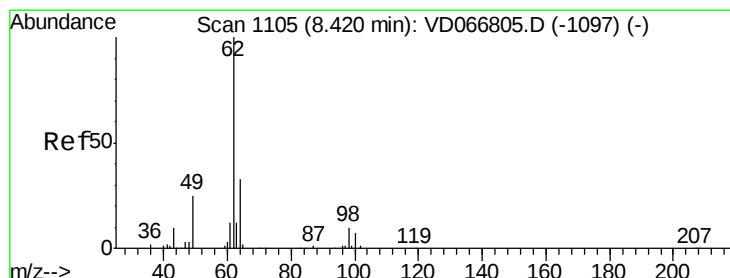
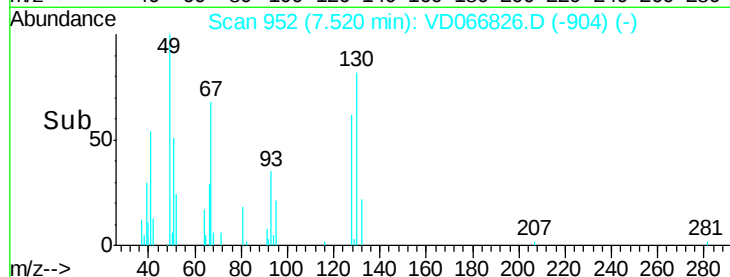
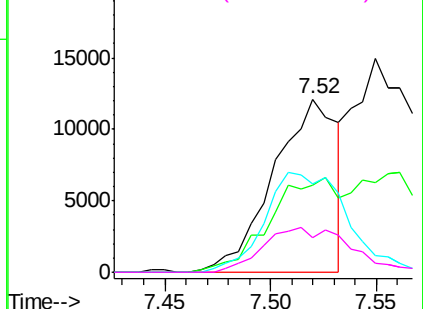


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 19.697 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066826.D

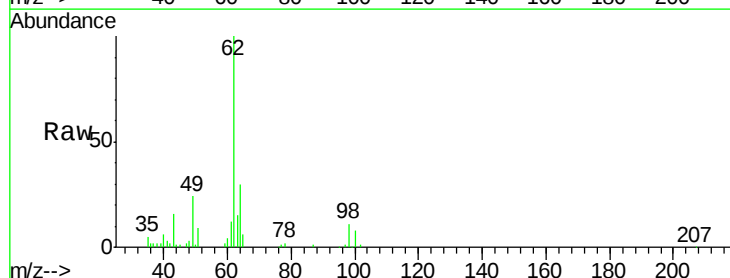
Acq: 23 Sep 2020 11:22

Tgt Ion: 62 Resp: 103711

Ion Ratio Lower Upper

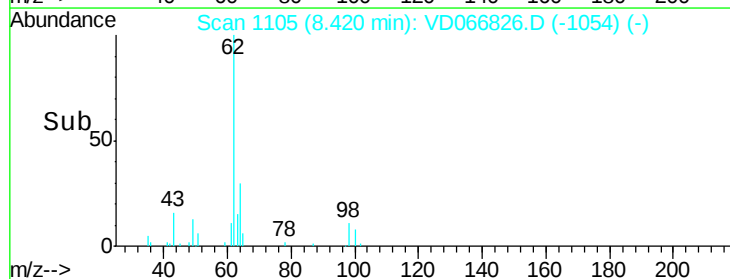
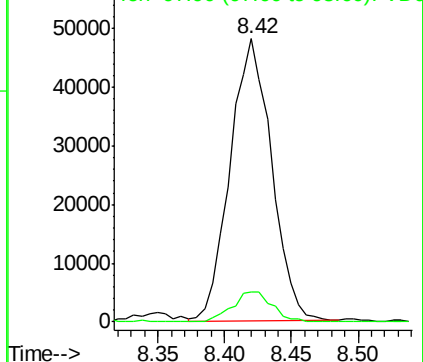
62 100

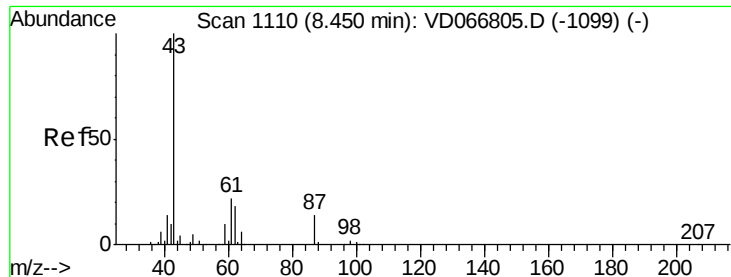
98 10.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.337 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

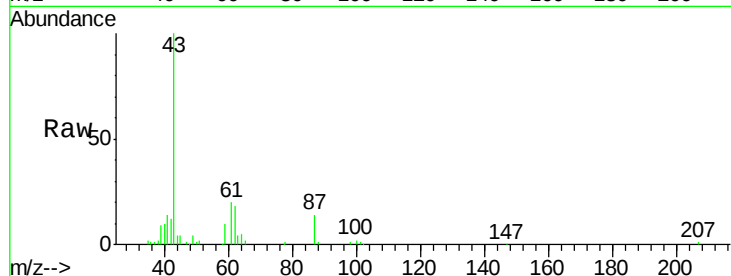
Tgt Ion: 43 Resp: 81675

Ion Ratio Lower Upper

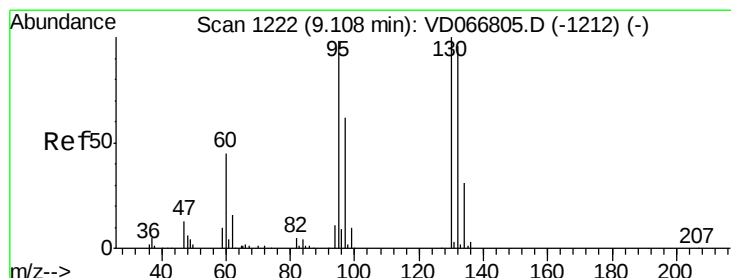
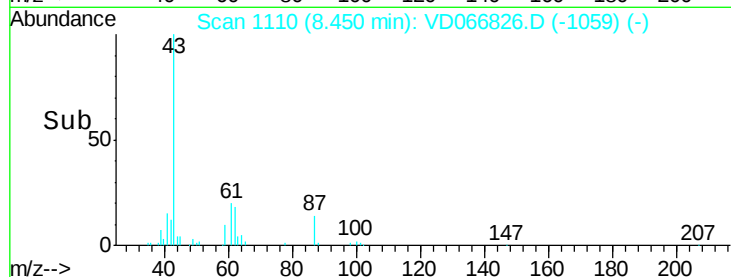
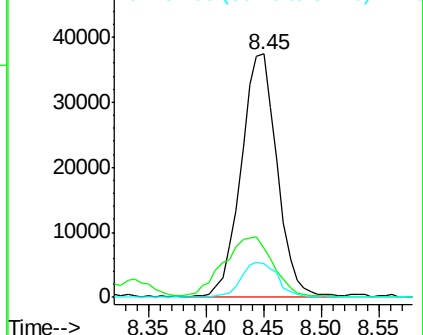
43 100

61 34.3 26.2 39.4

87 14.4 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: 21.704 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066826.D

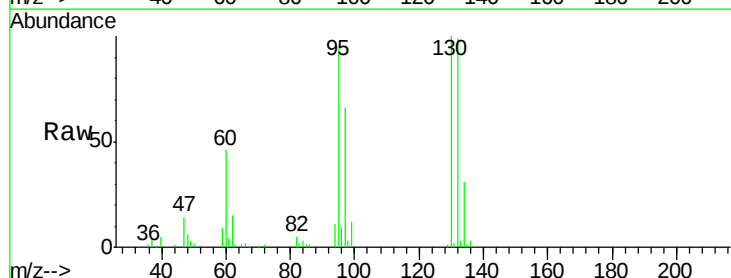
Acq: 23 Sep 2020 11:22

Tgt Ion: 130 Resp: 110185

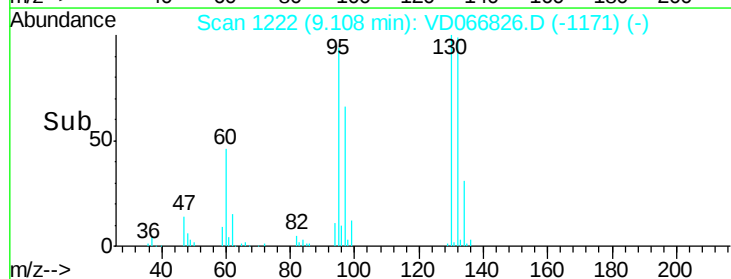
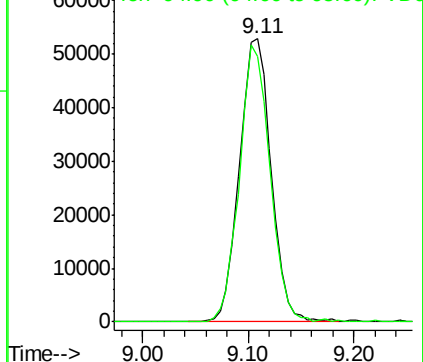
Ion Ratio Lower Upper

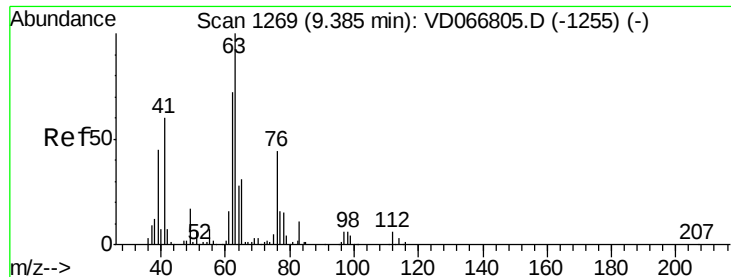
130 100

95 93.9 0.0 197.0



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

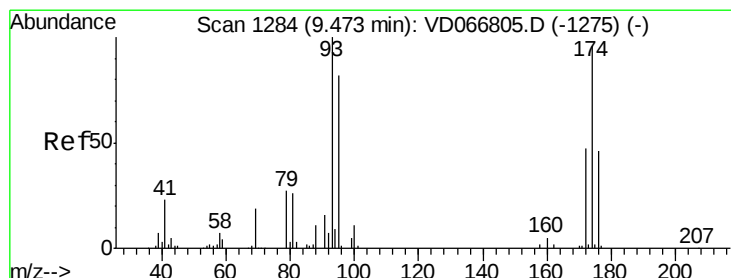
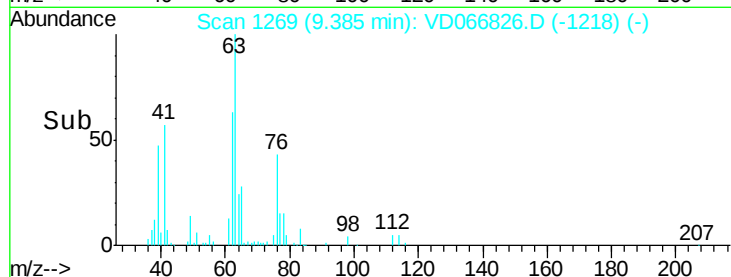
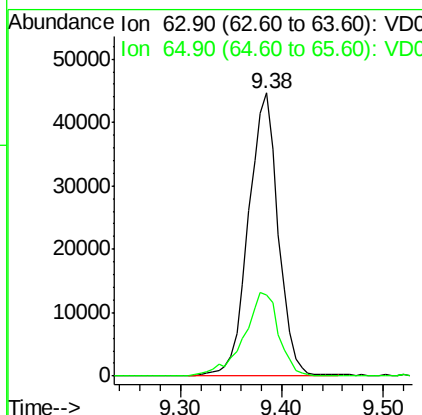
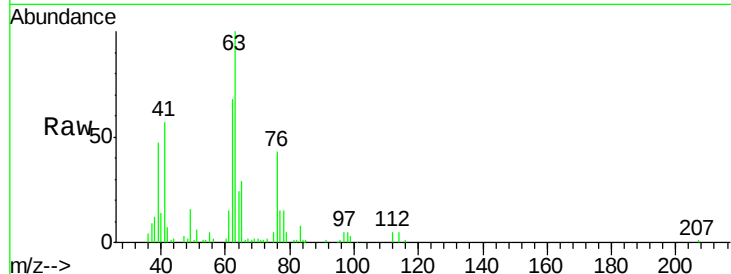




#45
 1,2-Dichloropropane
 Concen: 20.352 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

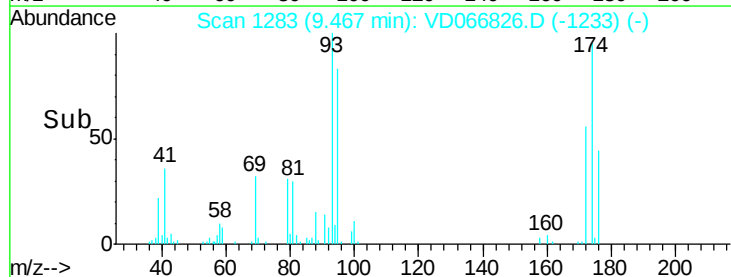
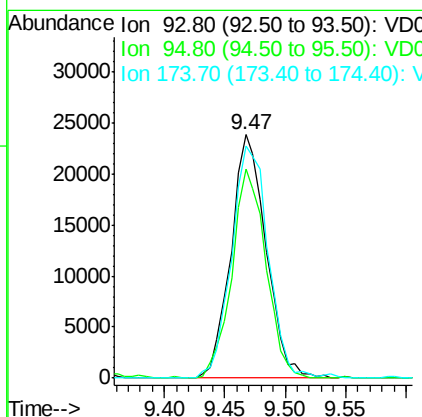
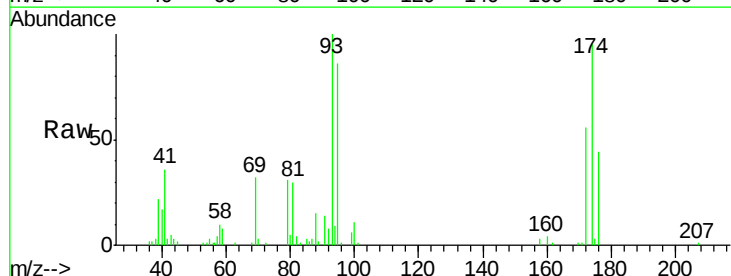
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

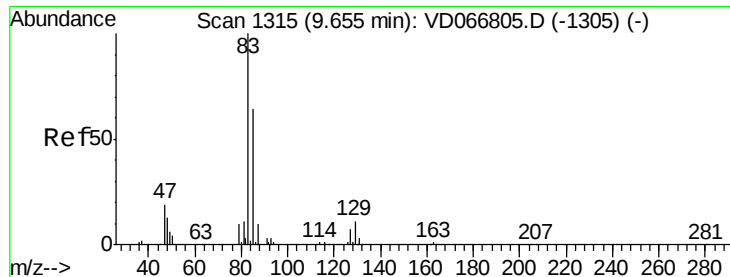
Tgt Ion: 63 Resp: 91203
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.7 37.1



#46
 Dibromomethane
 Concen: 19.887 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion: 93 Resp: 48421
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.3 97.9
 174 99.1 75.4 113.2





#47

Bromodichloromethane

Concen: 20.050 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

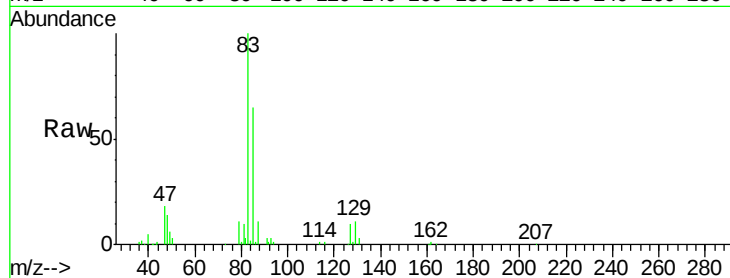
Tgt Ion: 83 Resp: 131141

Ion Ratio Lower Upper

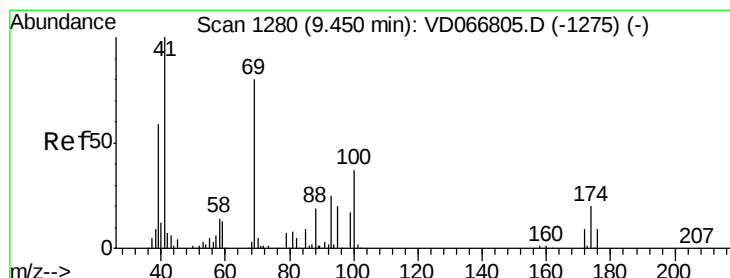
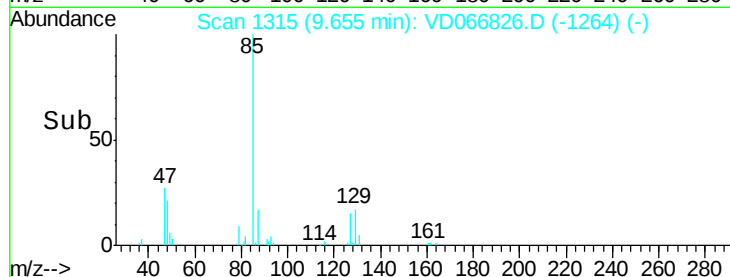
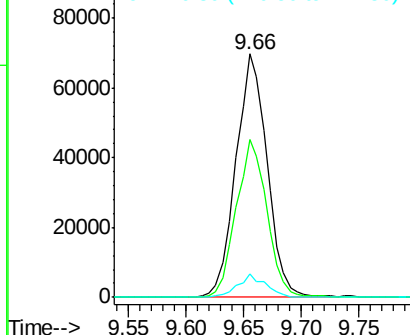
83 100

85 64.8 50.9 76.3

127 9.8 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): V



#48

Methyl methacrylate

Concen: 20.571 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

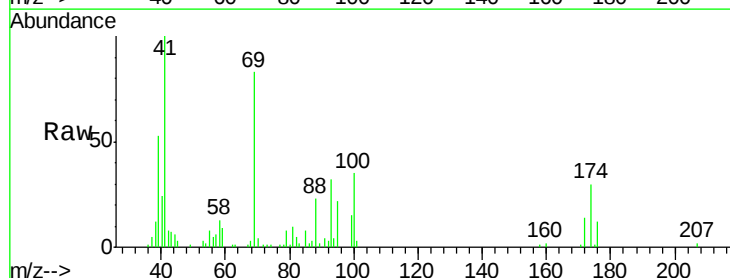
Tgt Ion: 41 Resp: 45176

Ion Ratio Lower Upper

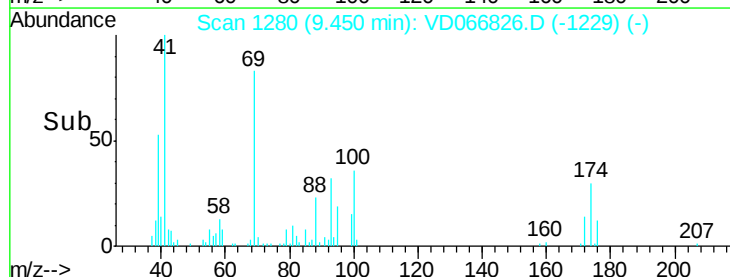
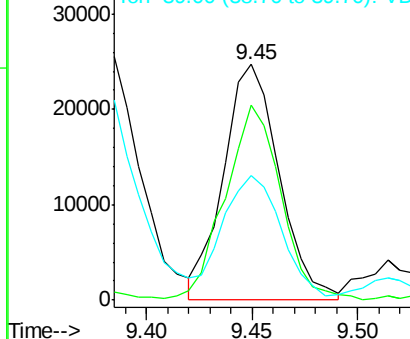
41 100

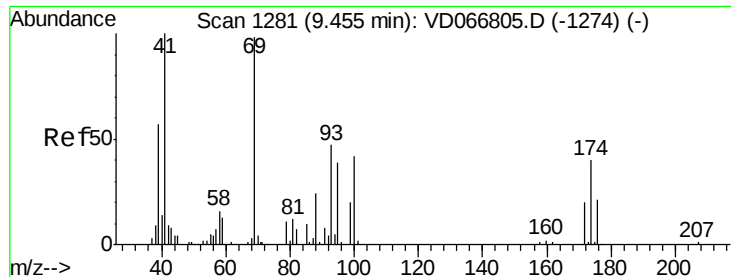
69 82.9 74.5 111.7

39 53.0 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

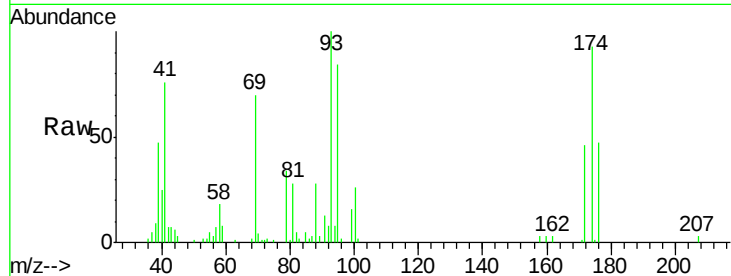




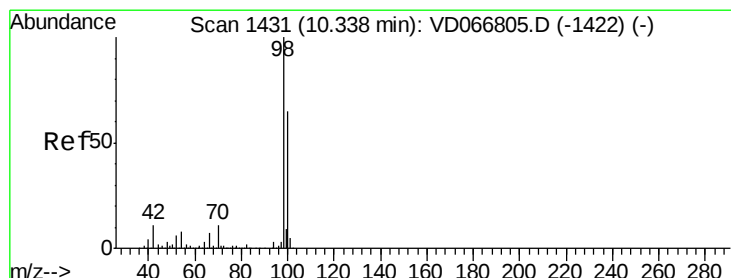
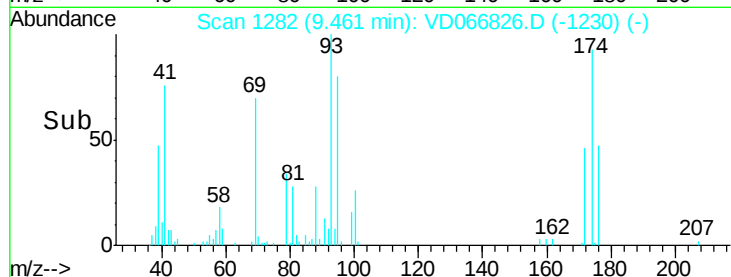
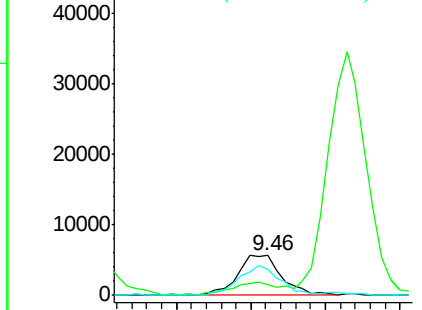
#49
1,4-Dioxane
Concen: 351.764 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

Instrument :
MSVOA_D
ClientSampleId :
VD0923SBS01

Tgt Ion: 88 Resp: 11570
Ion Ratio Lower Upper
88 100
43 32.4 27.7 41.5
58 69.5 55.5 83.3

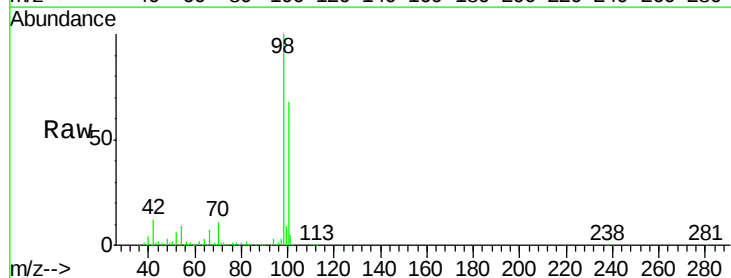


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

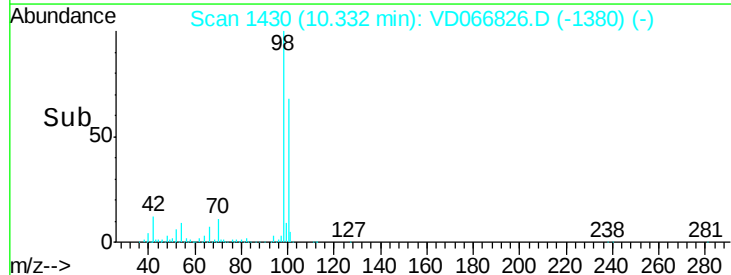
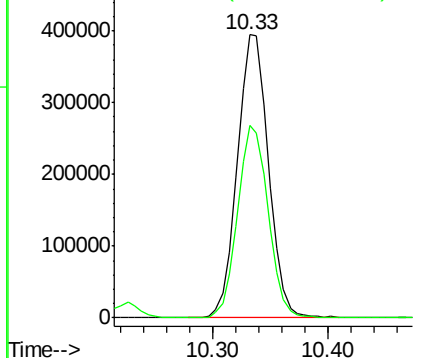


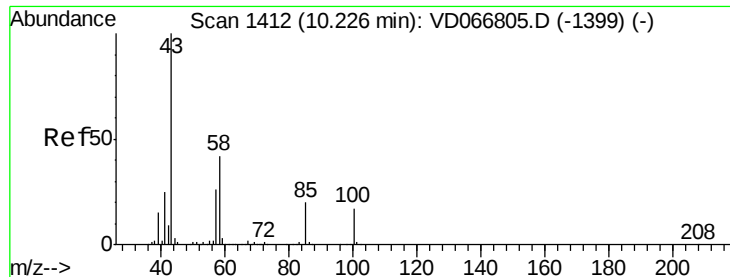
#50
Toluene-d8
Concen: 52.845 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

Tgt Ion: 98 Resp: 737901
Ion Ratio Lower Upper
98 100
100 67.0 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: 96.059 ug/l

RT: 10.22 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

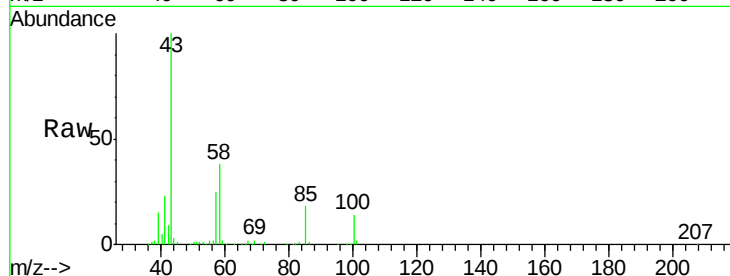
VD0923SBS01

Tgt Ion: 43 Resp: 216800

Ion Ratio Lower Upper

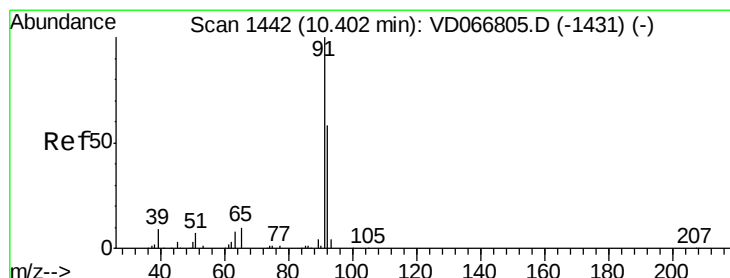
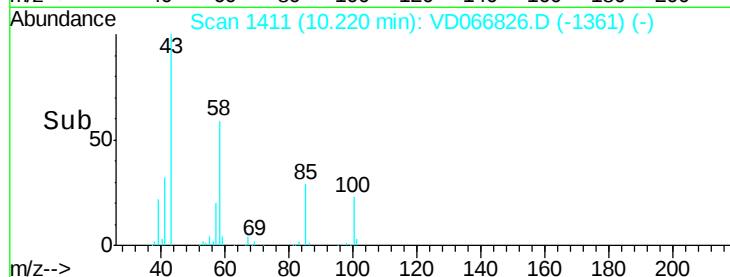
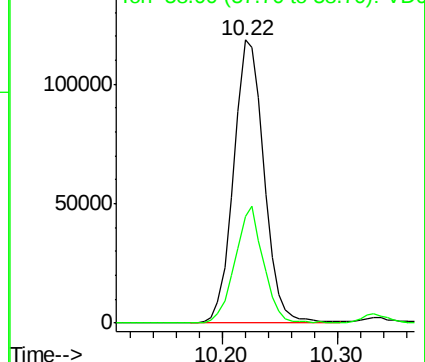
43 100

58 38.4 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.348 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066826.D

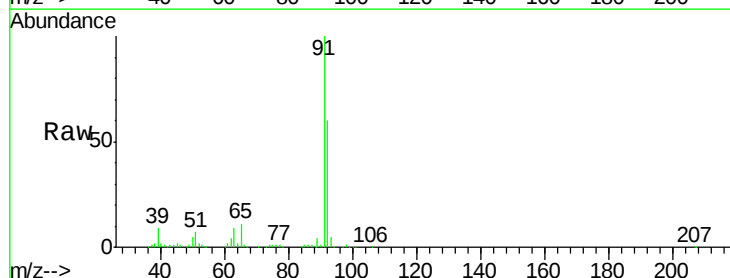
Acq: 23 Sep 2020 11:22

Tgt Ion: 92 Resp: 244915

Ion Ratio Lower Upper

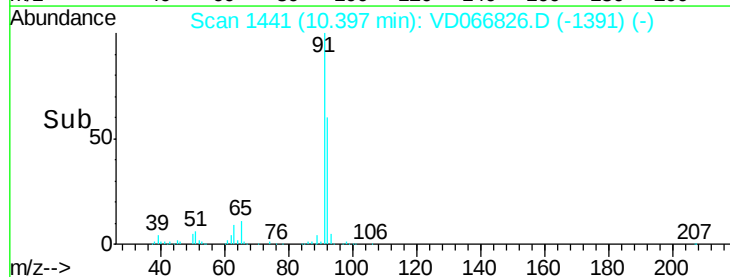
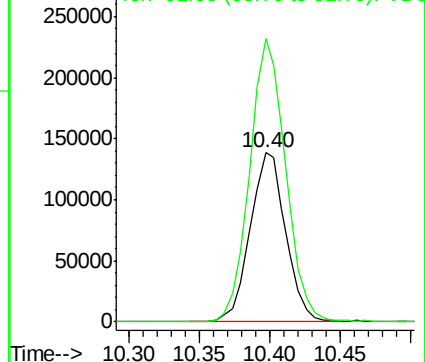
92 100

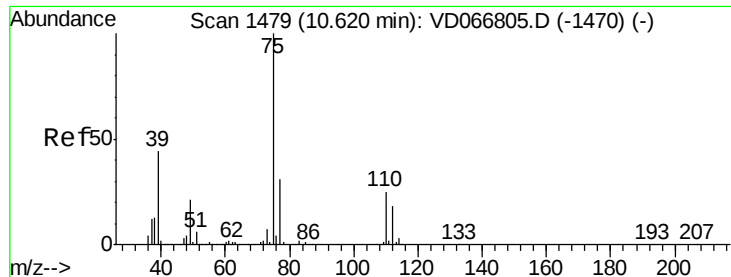
91 169.6 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.062 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

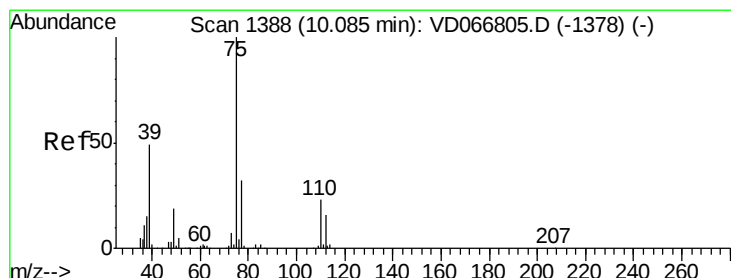
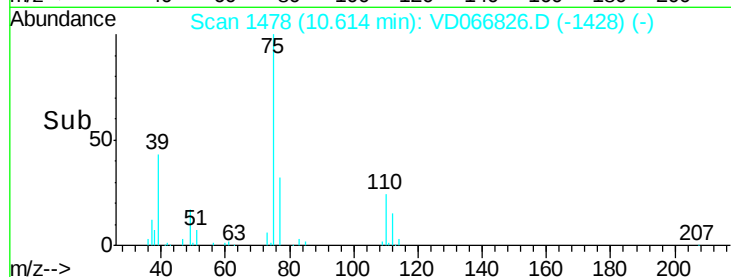
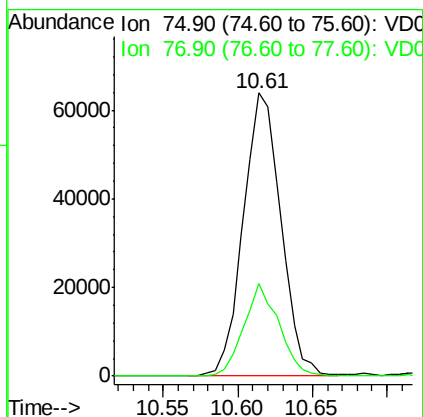
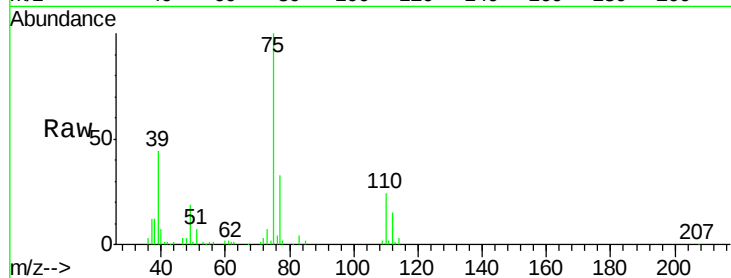
VD0923SBS01

Tgt Ion: 75 Resp: 111686

Ion Ratio Lower Upper

75 100

77 32.5 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 19.379 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

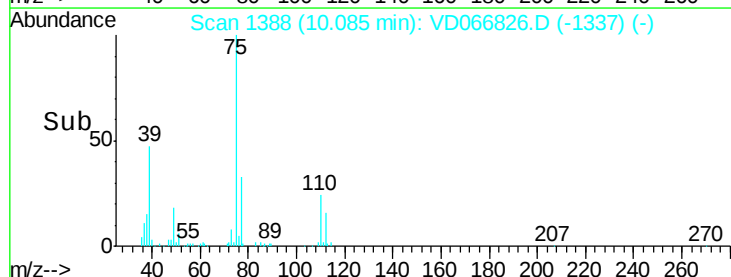
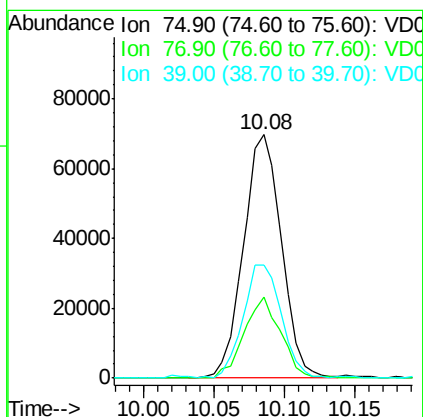
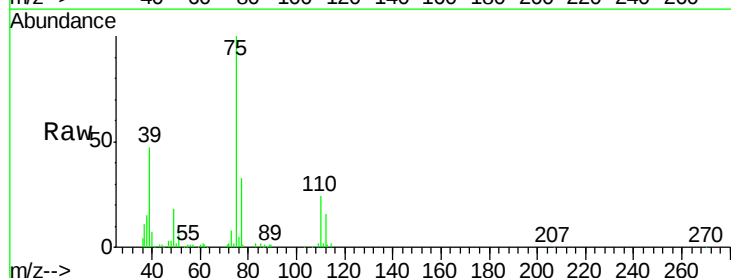
Tgt Ion: 75 Resp: 131545

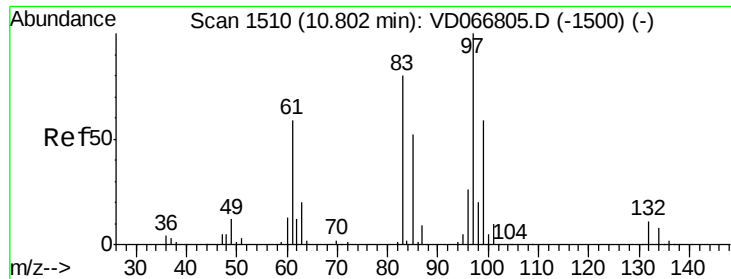
Ion Ratio Lower Upper

75 100

77 33.3 25.6 38.4

39 46.0 39.2 58.8

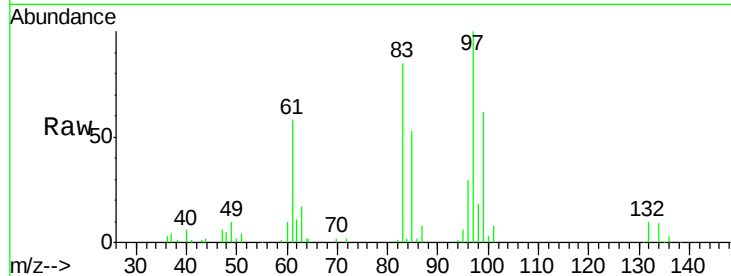




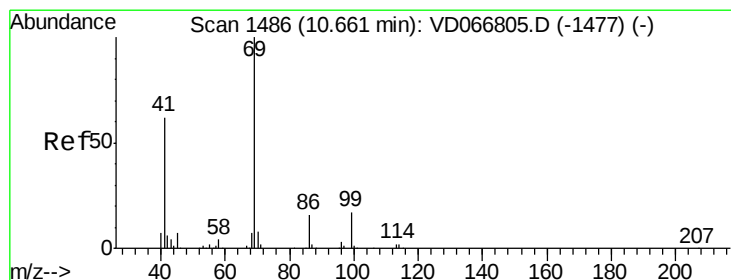
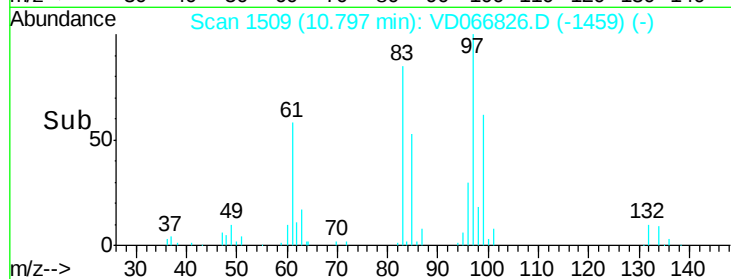
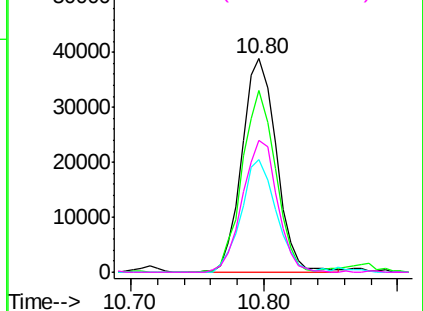
#55
 1,1,2-Trichloroethane
 Concen: 20.716 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

Tgt Ion:	97	Resp:	69339
Ion	Ratio	Lower	Upper
97	100		
83	85.2	64.2	96.2
85	52.5	41.9	62.9
99	61.6	47.5	71.3

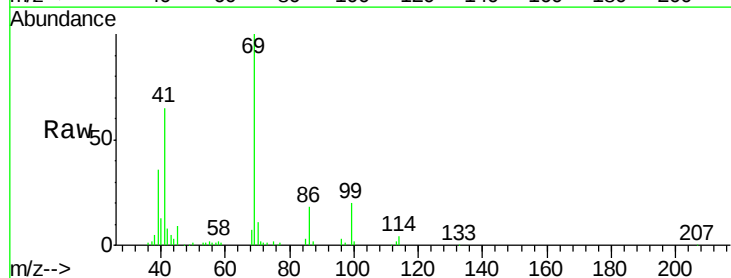


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

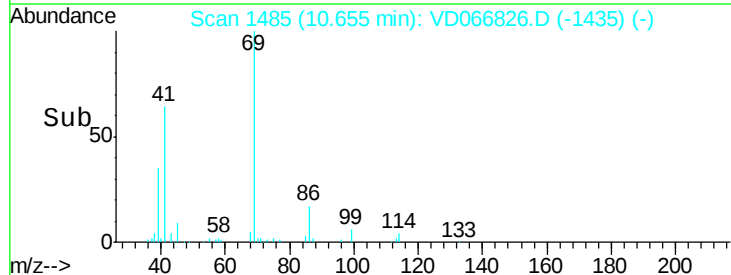
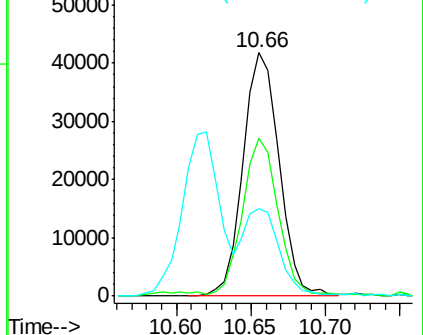


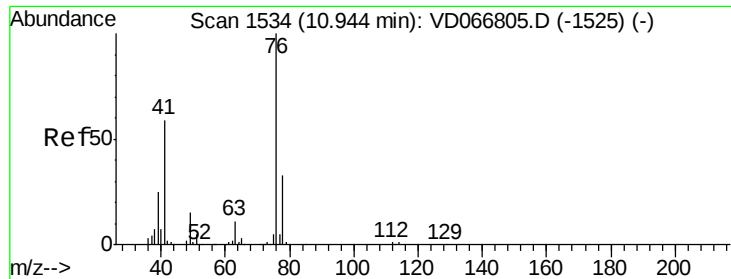
#56
 Ethyl methacrylate
 Concen: 19.523 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion:	69	Resp:	70002
Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.2	78.2
39	35.6	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

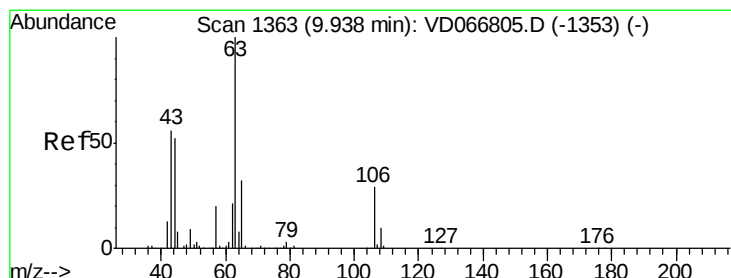
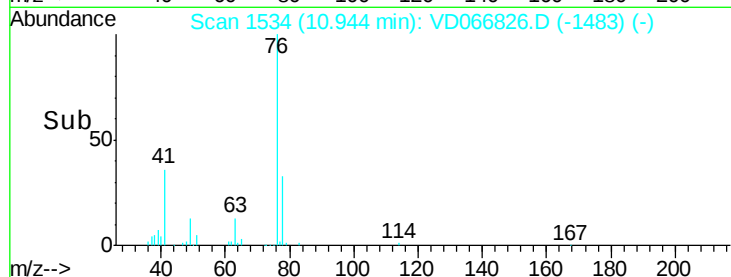
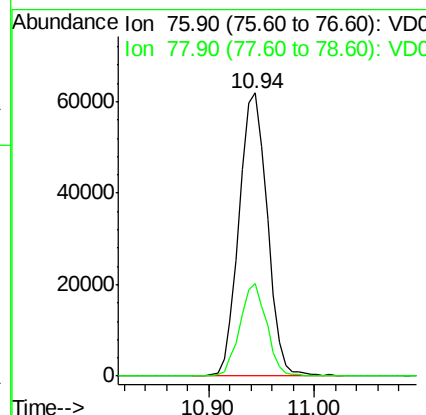
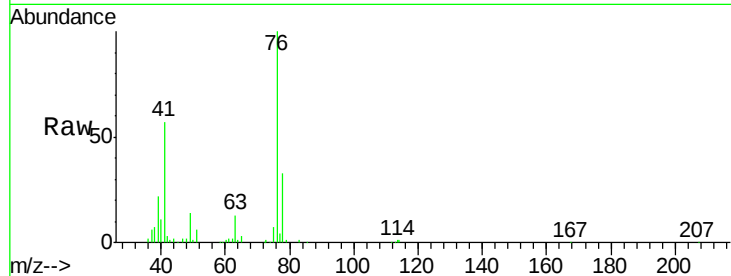




#57
 1,3-Dichloropropane
 Concen: 20.717 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

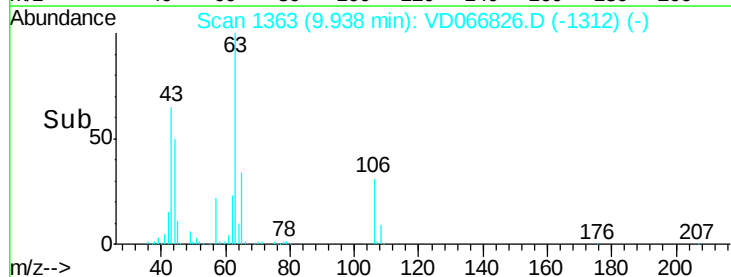
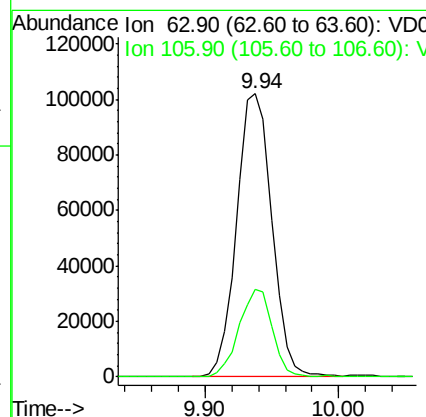
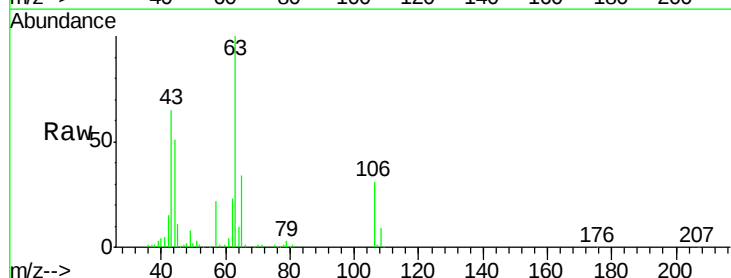
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

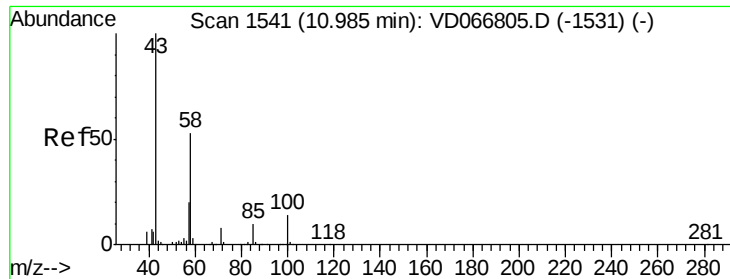
Tgt Ion: 76 Resp: 114502
 Ion Ratio Lower Upper
 76 100
 78 30.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.216 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion: 63 Resp: 187125
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.8 35.6

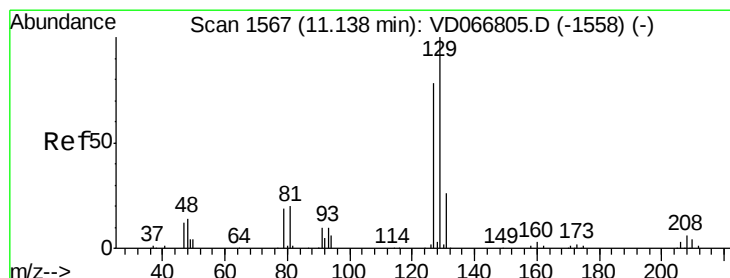
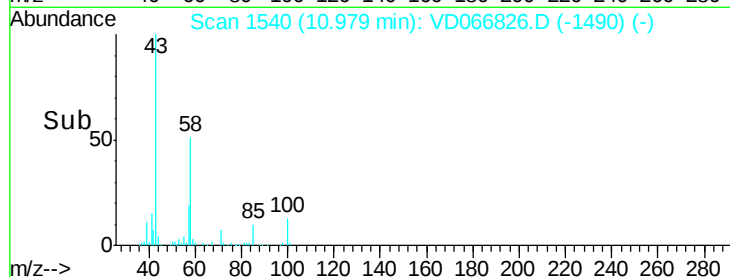
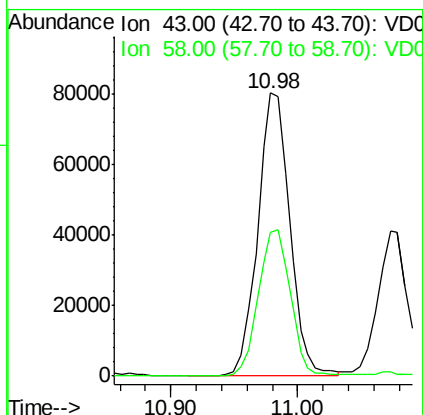
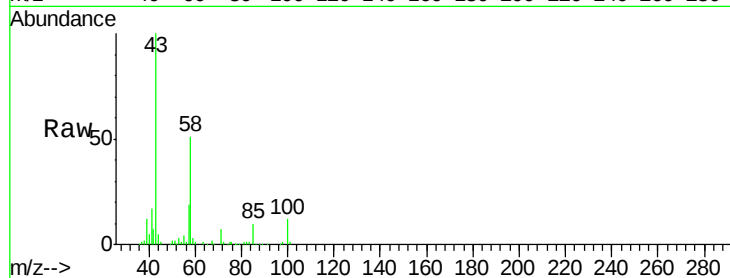




#59
2-Hexanone
Concen: 93.410 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

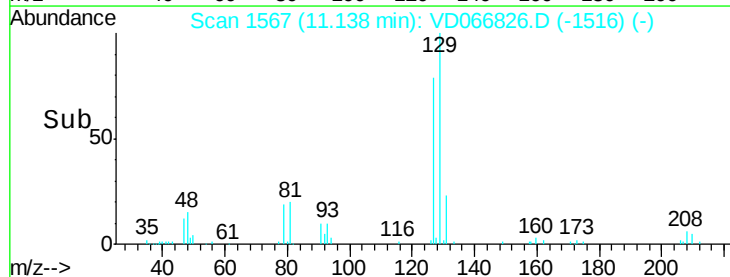
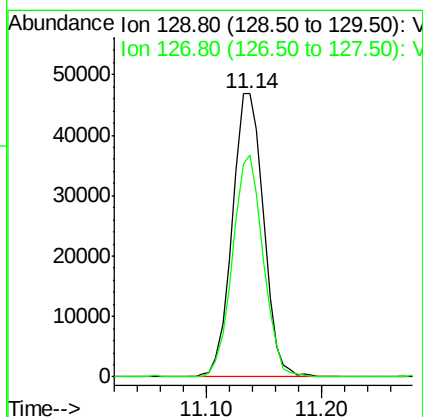
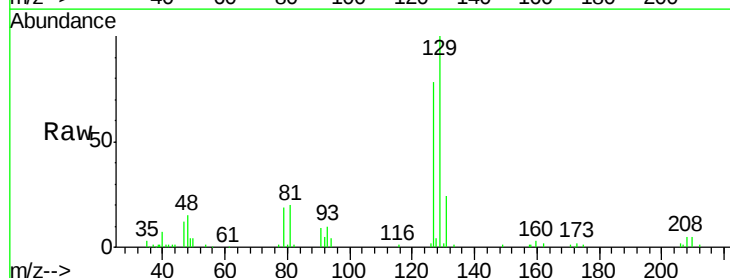
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBS01

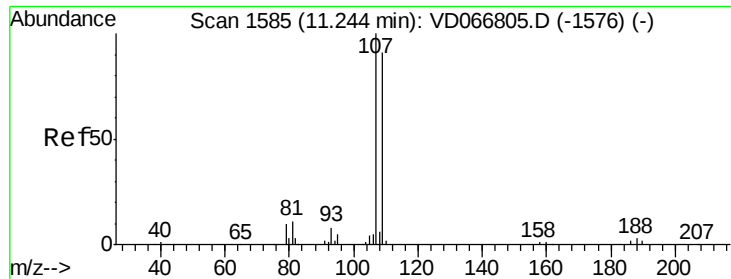
Tgt Ion: 43 Resp: 142172
Ion Ratio Lower Upper
43 100
58 51.8 27.0 80.8



#60
Dibromochloromethane
Concen: 20.138 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

Tgt Ion: 129 Resp: 87972
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0

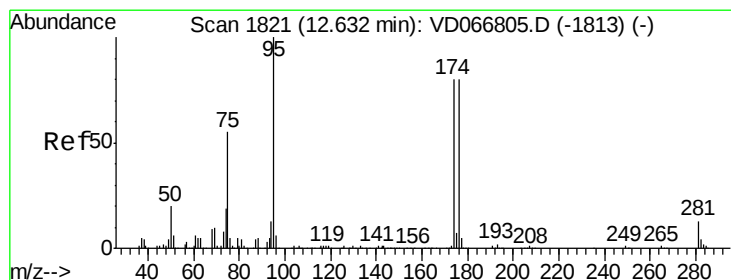
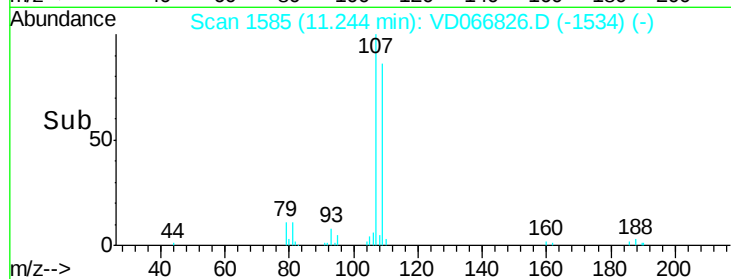
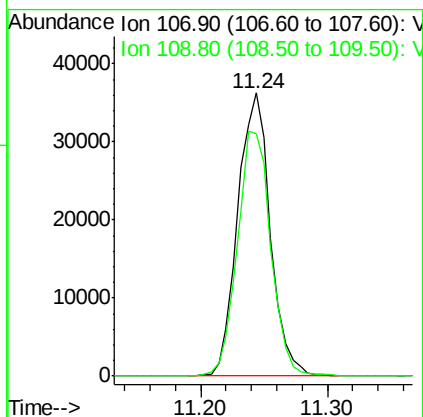
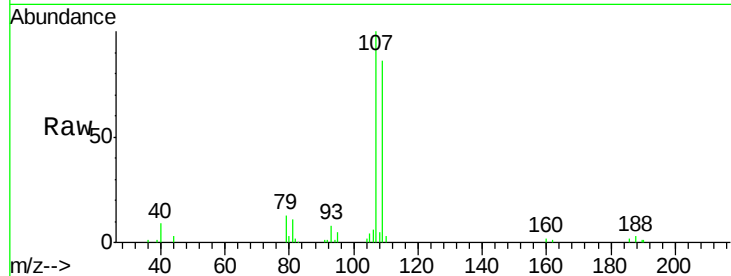




#61
 1,2-Dibromoethane
 Concen: 20.688 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

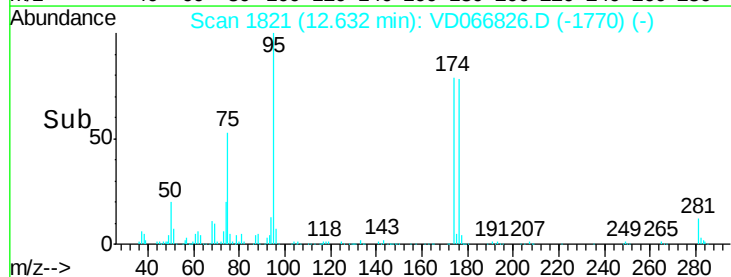
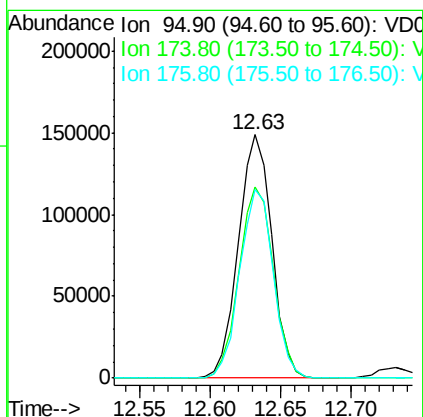
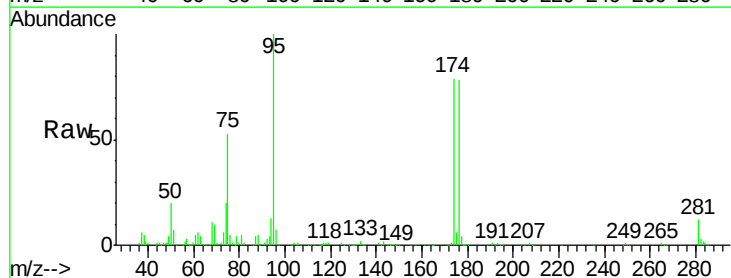
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

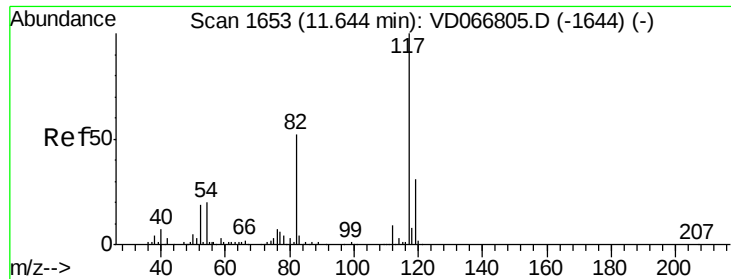
Tgt Ion: 107 Resp: 64408
 Ion Ratio Lower Upper
 107 100
 109 89.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 51.764 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion: 95 Resp: 247441
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 159.8
 176 77.5 0.0 154.4

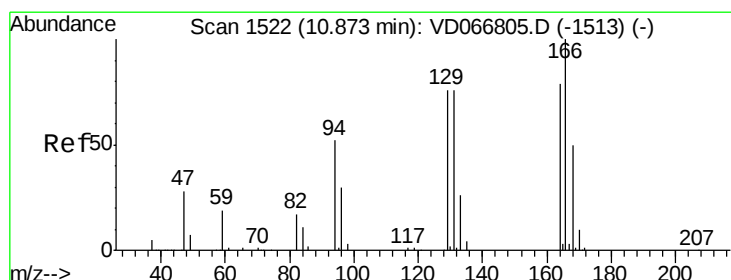
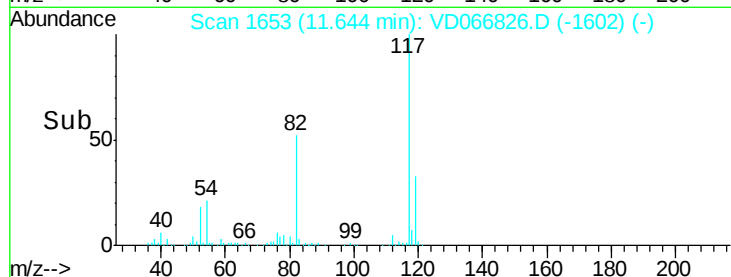
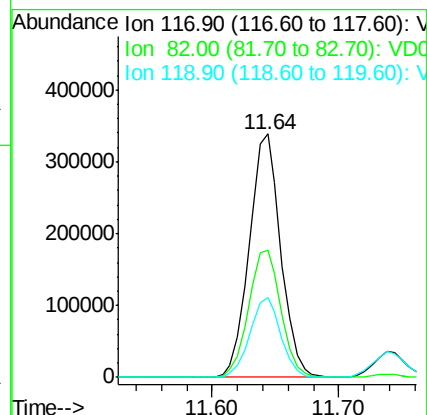
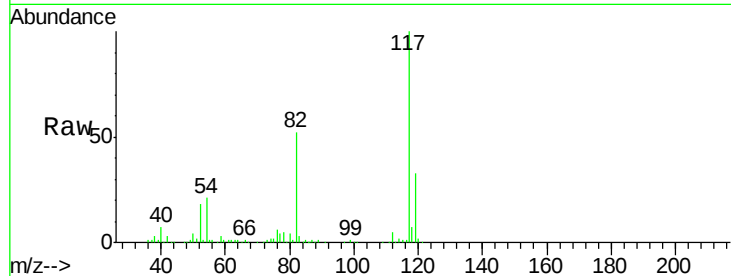




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

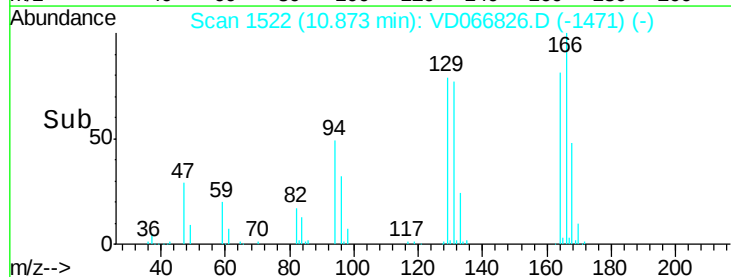
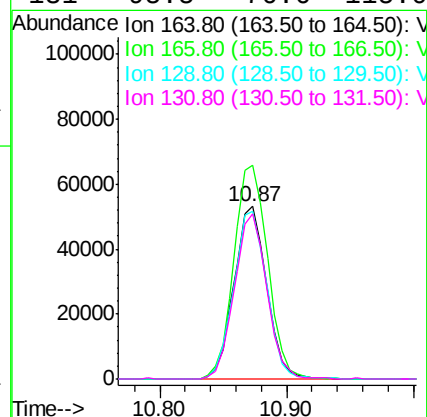
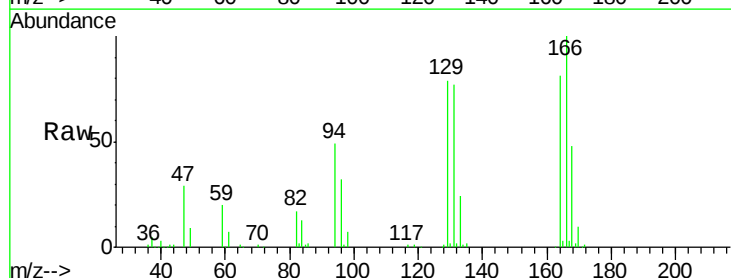
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBS01

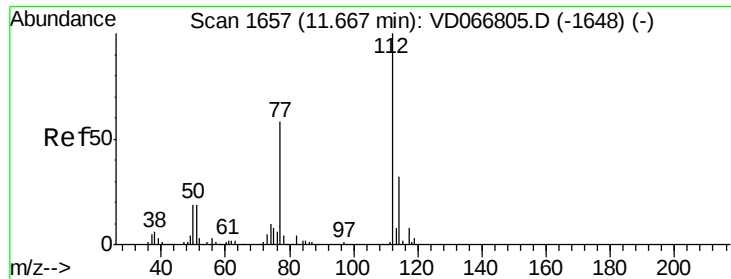
Tgt Ion:117 Resp: 583706
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.6
119 32.8 24.6 37.0



#64
Tetrachloroethene
Concen: 22.492 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

Tgt Ion:164 Resp: 94436
Ion Ratio Lower Upper
164 100
166 123.6 101.1 151.7
129 97.2 77.0 115.4
131 95.5 76.6 115.0

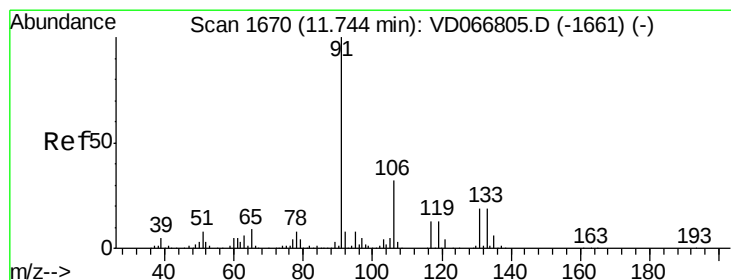
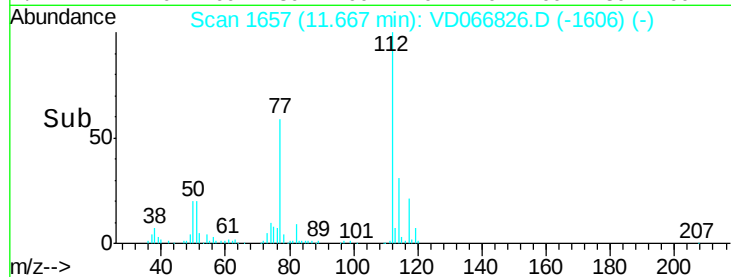
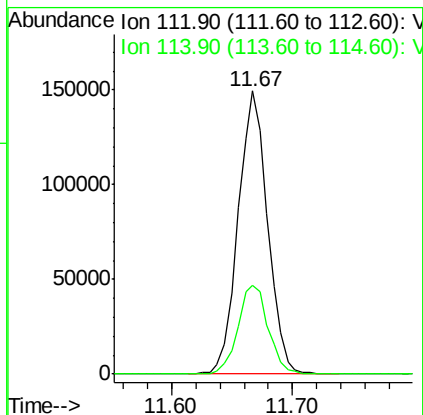
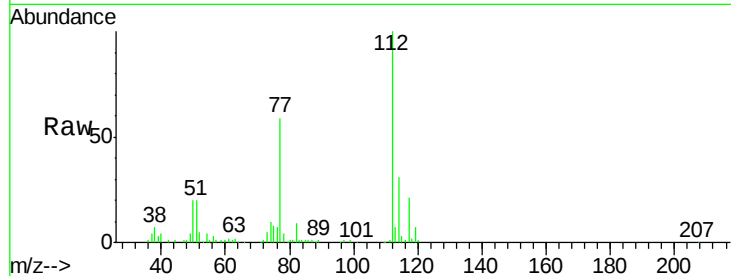




#65
Chlorobenzene
Concen: 20.939 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

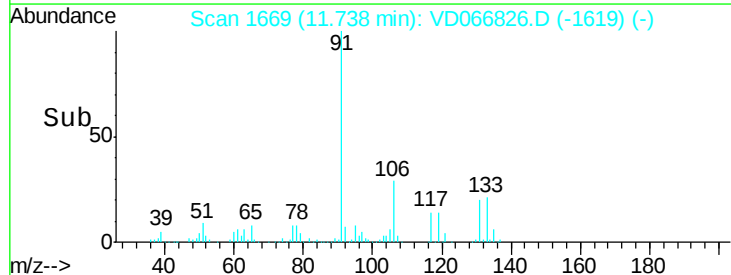
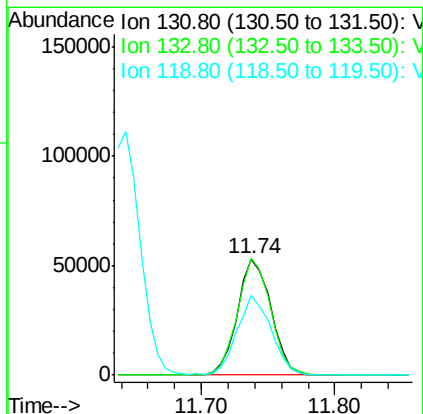
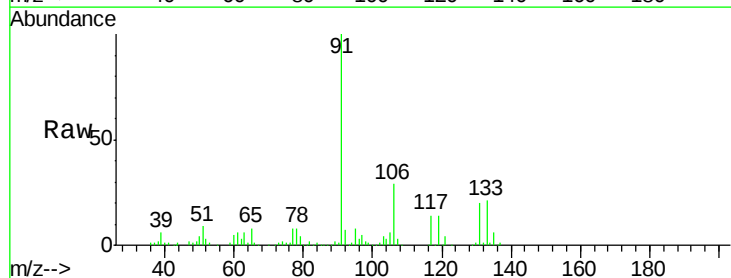
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBS01

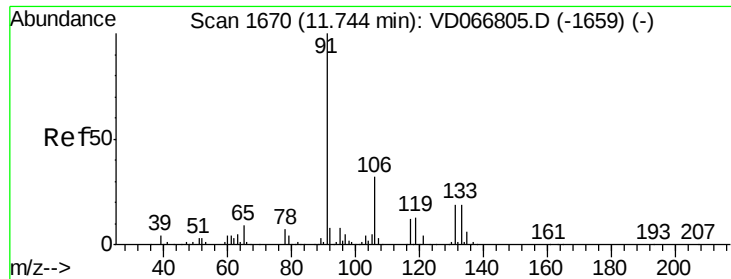
Tgt Ion:112 Resp: 254407
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.157 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

Tgt Ion:131 Resp: 92692
Ion Ratio Lower Upper
131 100
133 98.9 46.7 140.1
119 69.4 32.3 96.9

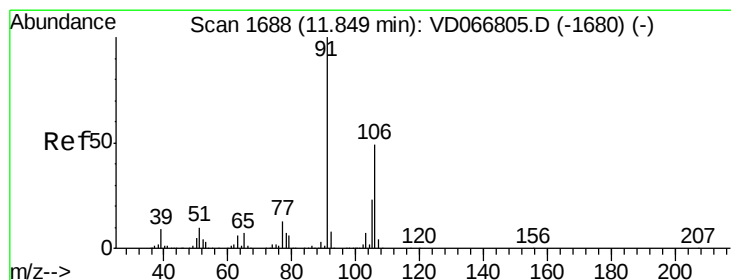
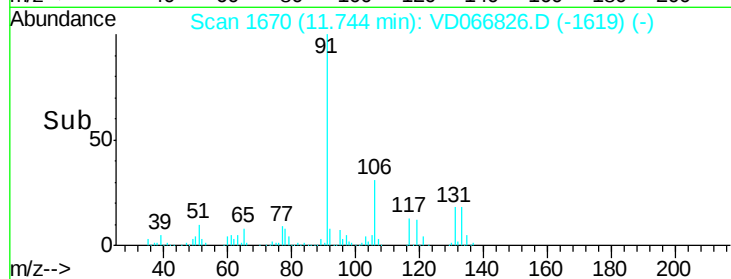
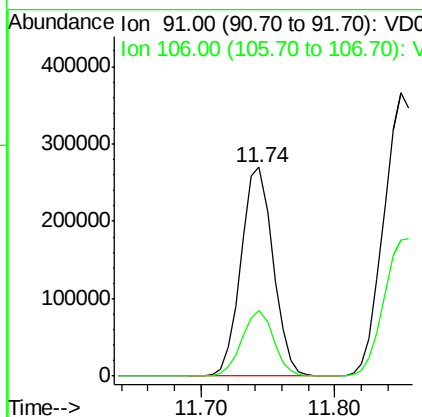
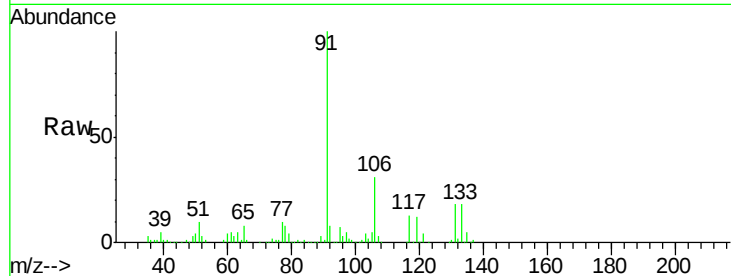




#67
Ethyl Benzene
Concen: 21.084 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

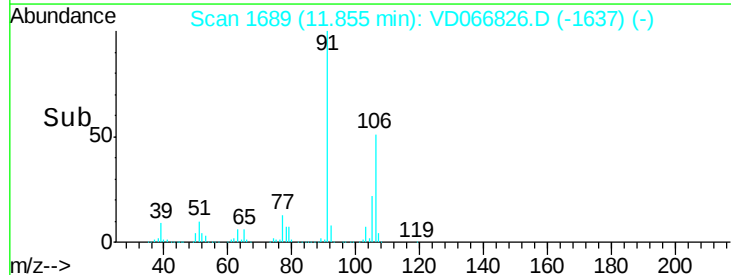
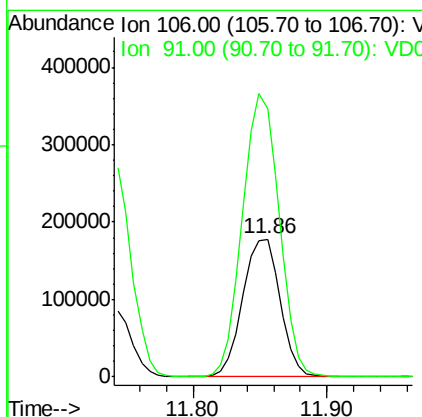
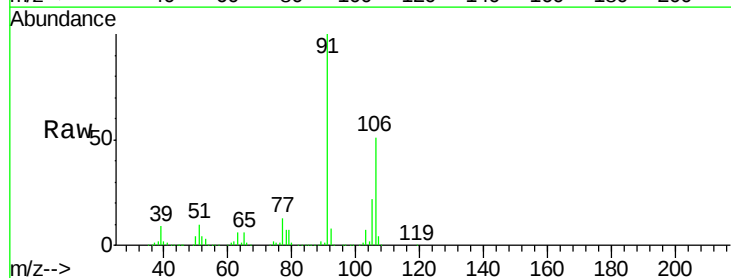
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBS01

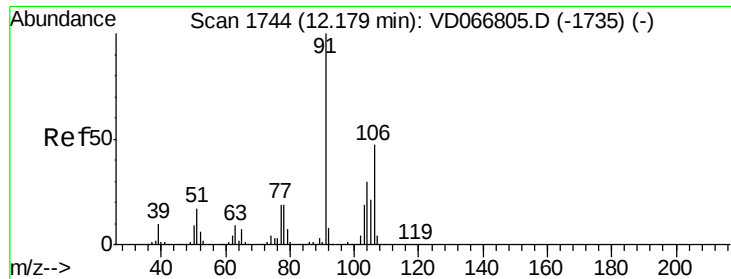
Tgt Ion: 91 Resp: 449918
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 42.792 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

Tgt Ion: 106 Resp: 345735
Ion Ratio Lower Upper
106 100
91 201.7 160.7 241.1

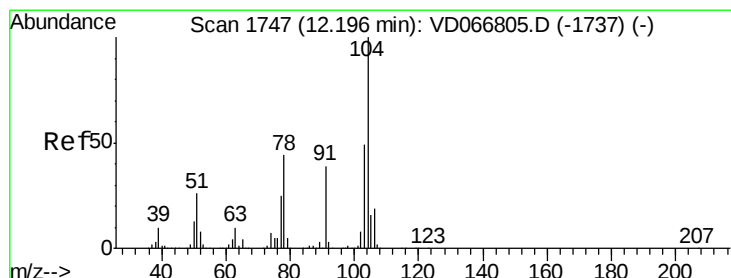
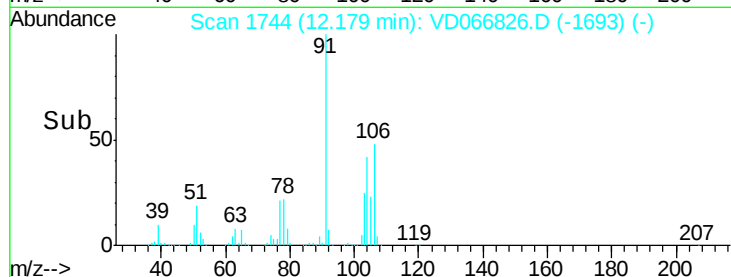
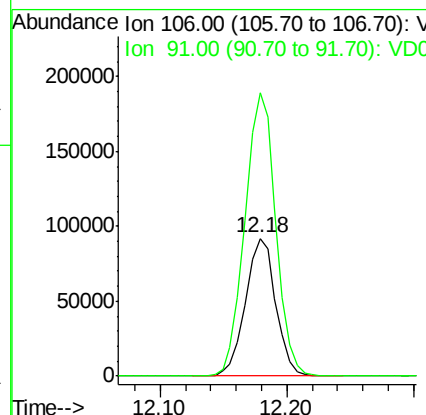
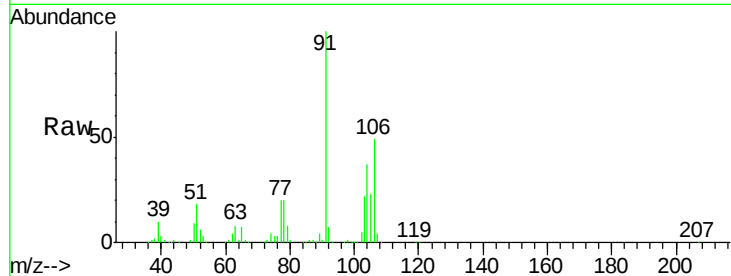




#69
o-Xylene
Concen: 20.822 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

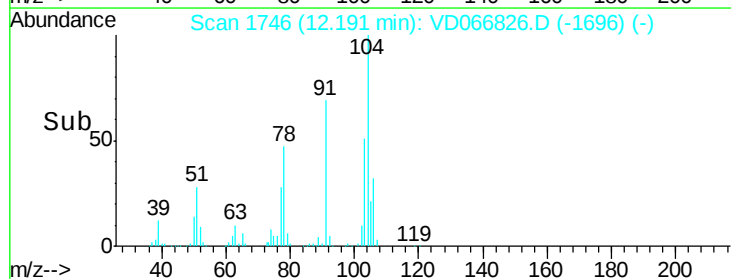
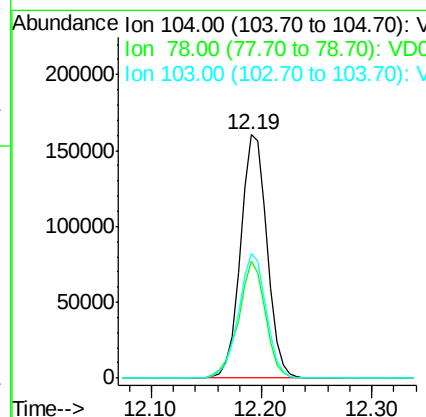
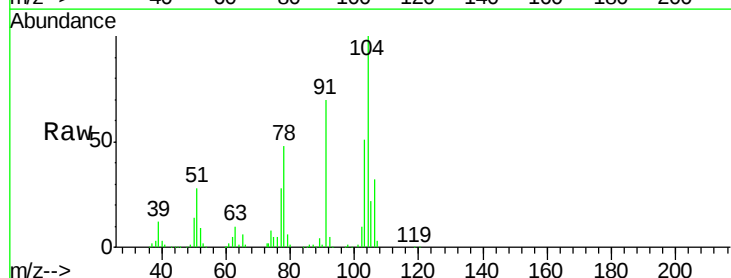
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBS01

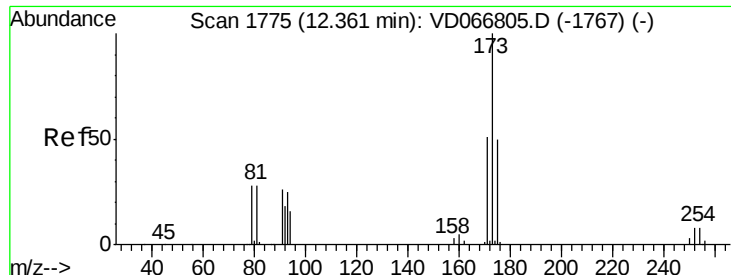
Tgt Ion:106 Resp: 152120
Ion Ratio Lower Upper
106 100
91 209.4 106.3 318.8



#70
Styrene
Concen: 21.347 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066826.D
Acq: 23 Sep 2020 11:22

Tgt Ion:104 Resp: 270832
Ion Ratio Lower Upper
104 100
78 48.5 38.9 58.3
103 53.2 43.2 64.8





#71

Bromoform

Concen: 19.533 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

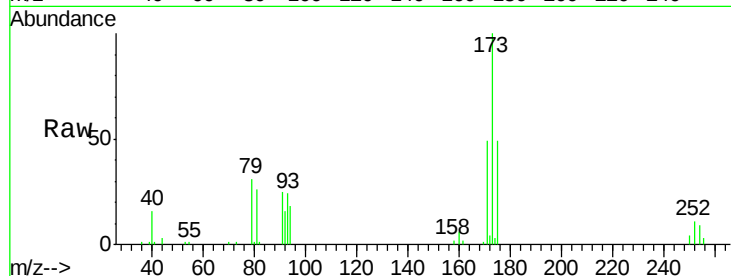
Tgt Ion:173 Resp: 45480

Ion Ratio Lower Upper

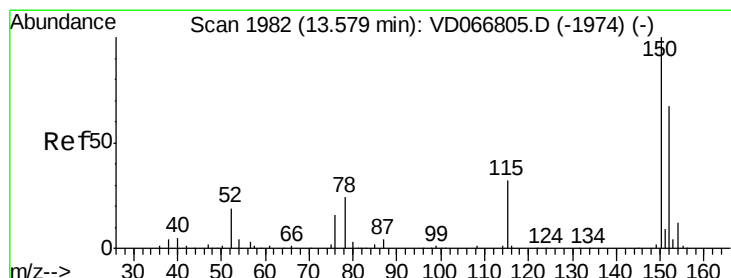
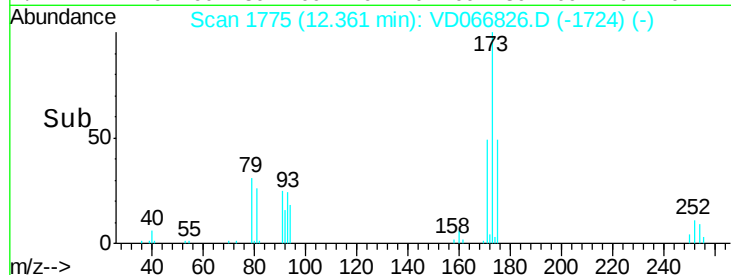
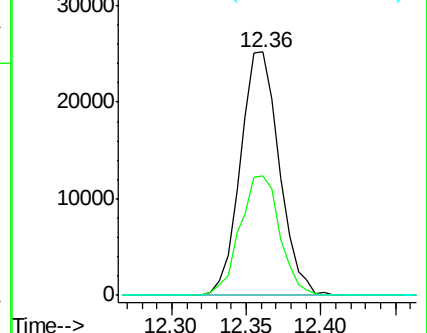
173 100

175 50.3 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: VD066826.D

Acq: 23 Sep 2020 11:22

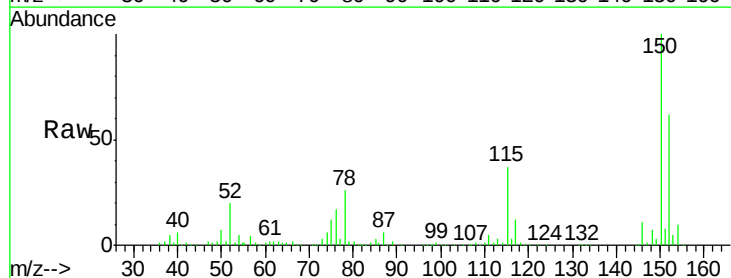
Tgt Ion:152 Resp: 271330

Ion Ratio Lower Upper

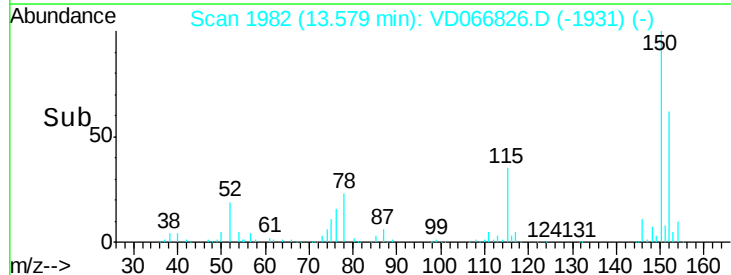
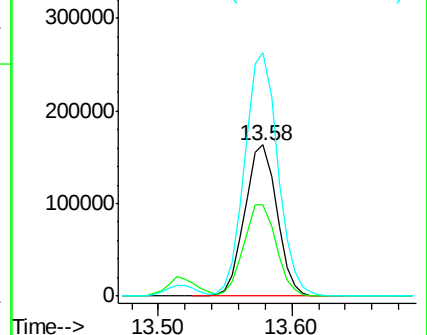
152 100

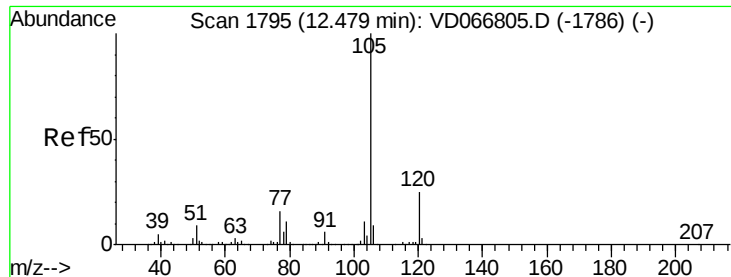
115 61.0 30.3 91.0

150 166.6 0.0 346.2



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





#73

Isopropylbenzene

Concen: 22.115 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

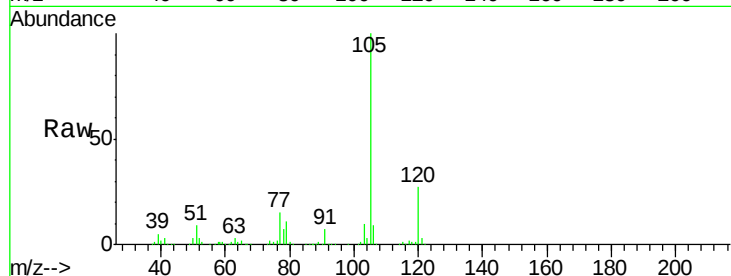
VD0923SBS01

Tgt Ion:105 Resp: 433474

Ion Ratio Lower Upper

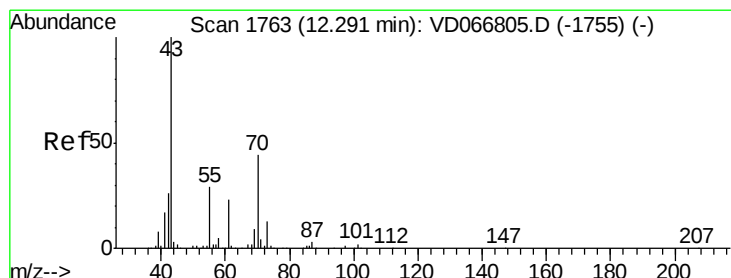
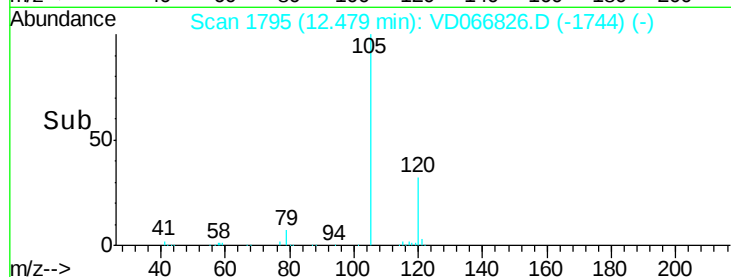
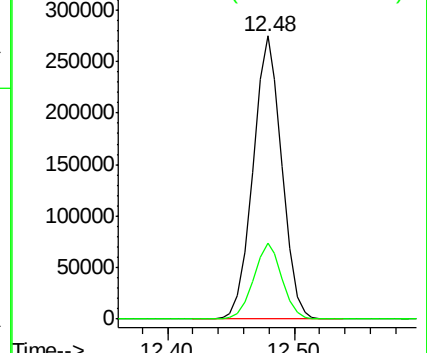
105 100

120 26.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.449 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Tgt Ion: 43 Resp: 74447

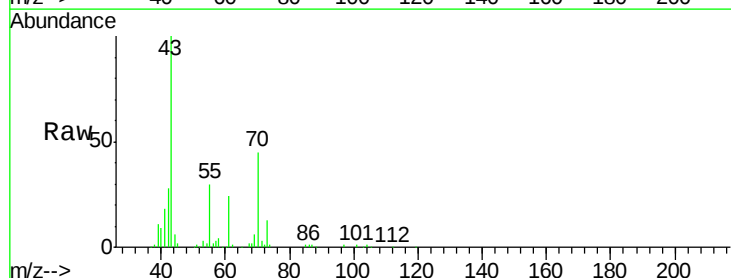
Ion Ratio Lower Upper

43 100

70 44.3 36.1 54.1

55 27.8 21.8 32.8

61 23.4 19.0 28.4

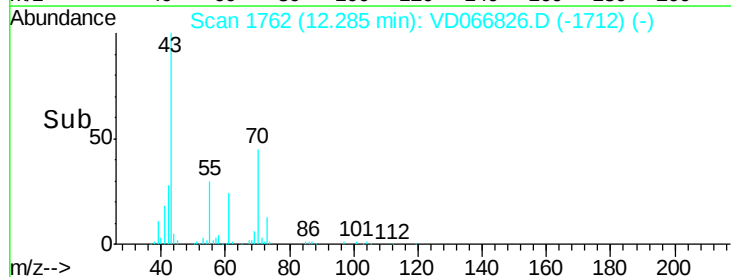
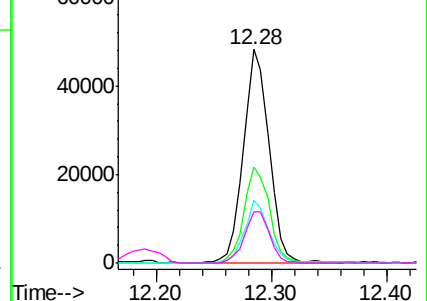


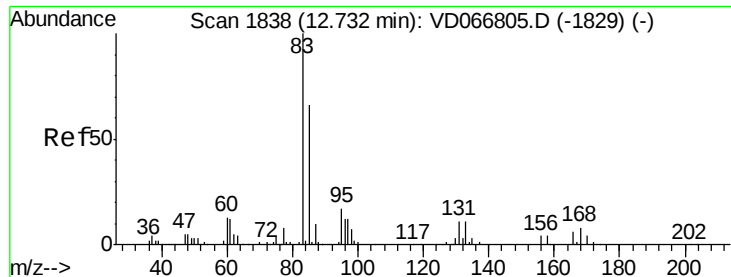
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.020 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

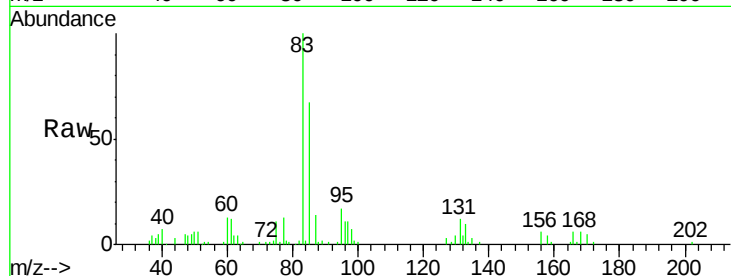
Tgt Ion: 83 Resp: 67713

Ion Ratio Lower Upper

83 100

131 11.8 5.5 16.7

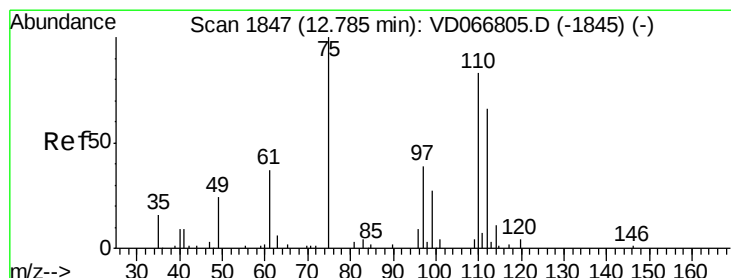
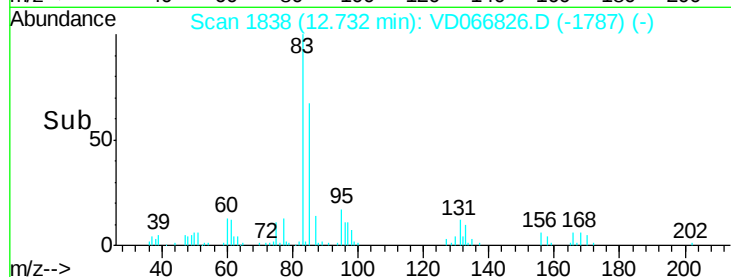
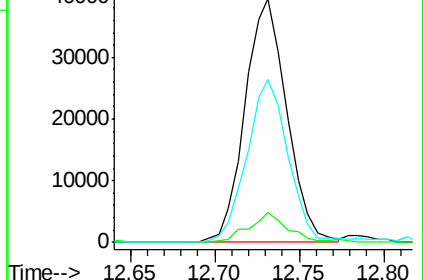
85 67.4 32.1 96.5



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: 41.009 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066826.D

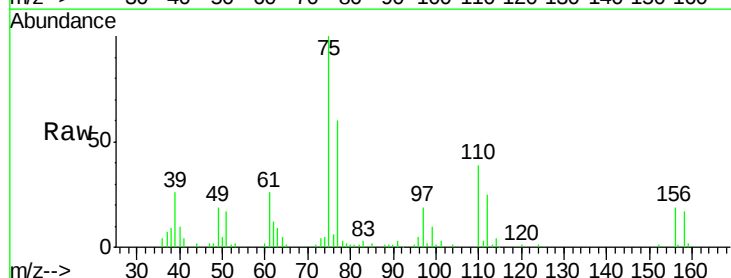
Acq: 23 Sep 2020 11:22

Tgt Ion: 75 Resp: 92212

Ion Ratio Lower Upper

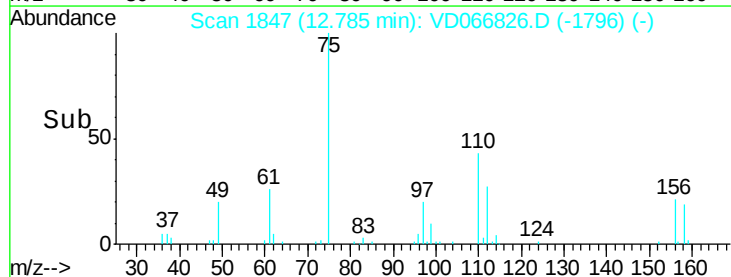
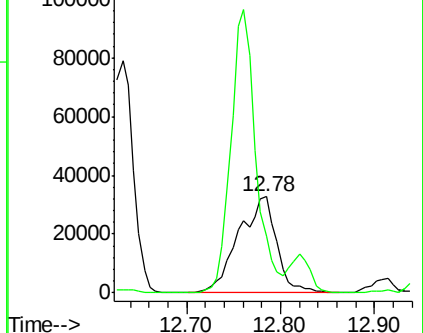
75 100

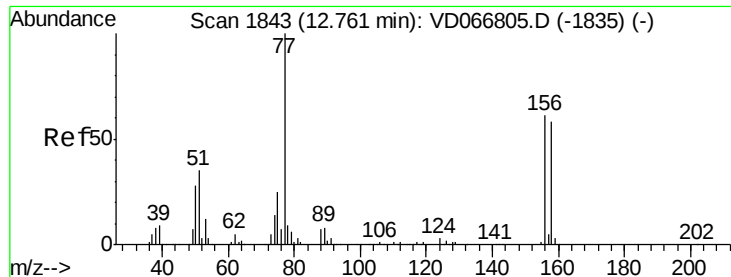
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.074 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

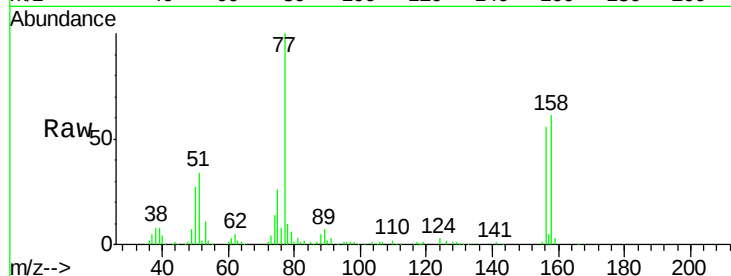
Tgt Ion:156 Resp: 96606

Ion Ratio Lower Upper

156 100

77 185.1 92.3 276.9

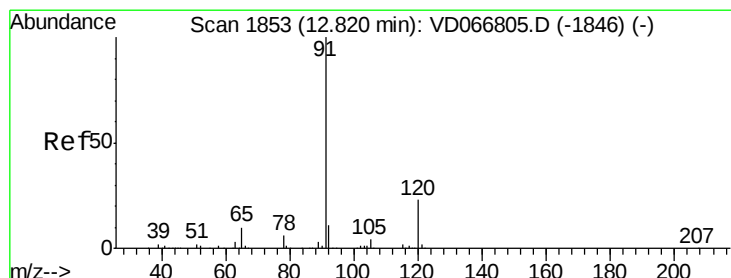
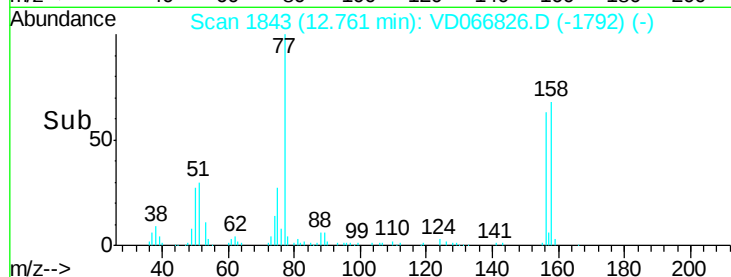
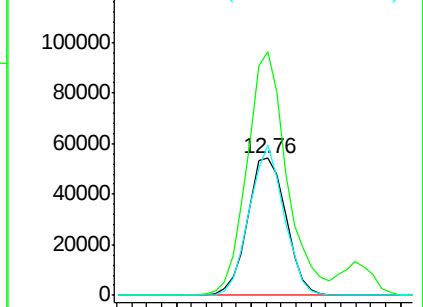
158 98.9 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.863 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066826.D

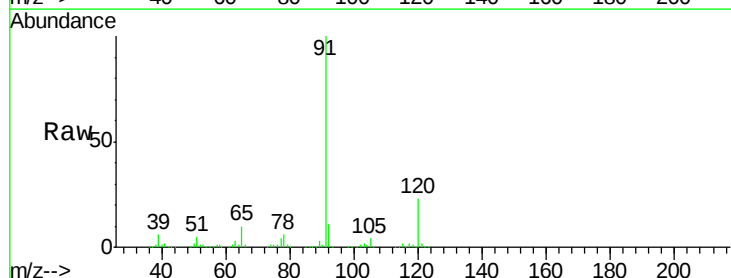
Acq: 23 Sep 2020 11:22

Tgt Ion: 91 Resp: 515552

Ion Ratio Lower Upper

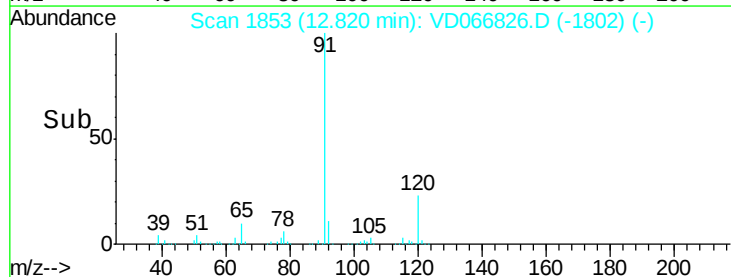
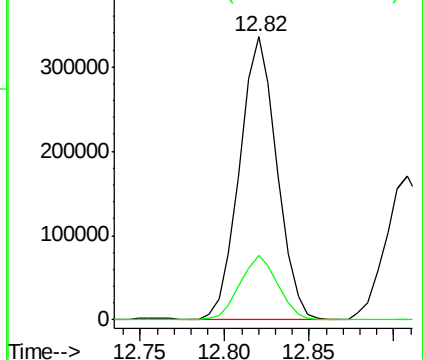
91 100

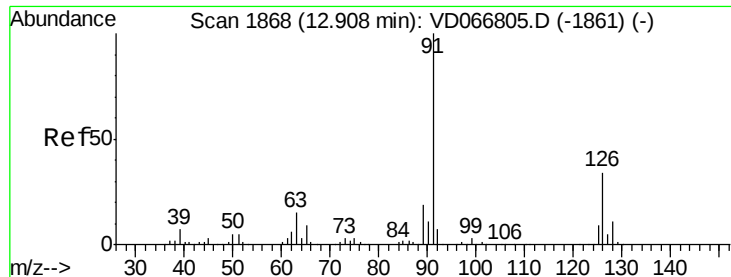
120 23.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.232 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

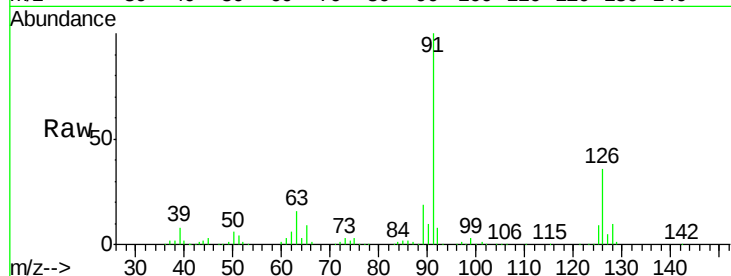
VD0923SBS01

Tgt Ion: 91 Resp: 285300

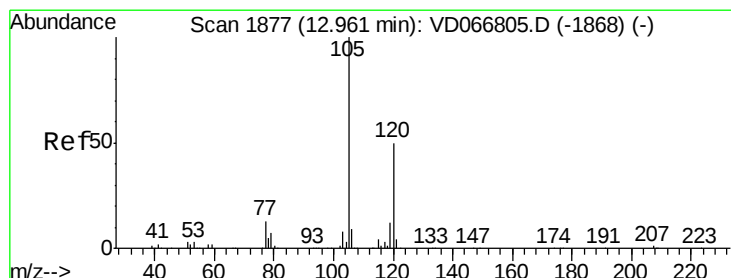
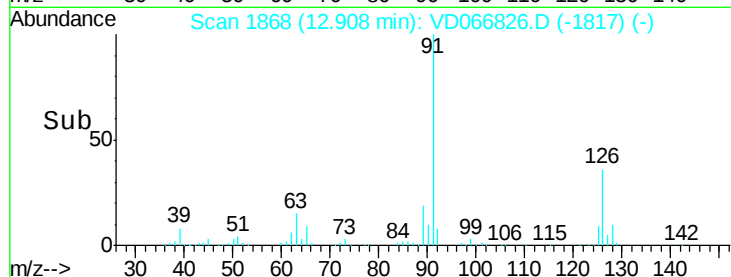
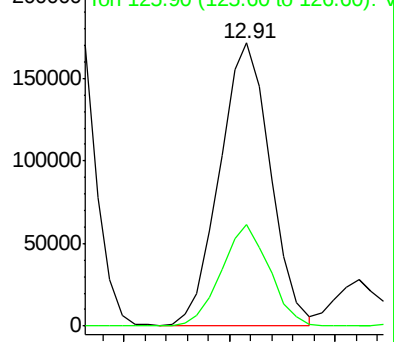
Ion Ratio Lower Upper

91 100

126 34.1 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 21.657 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066826.D

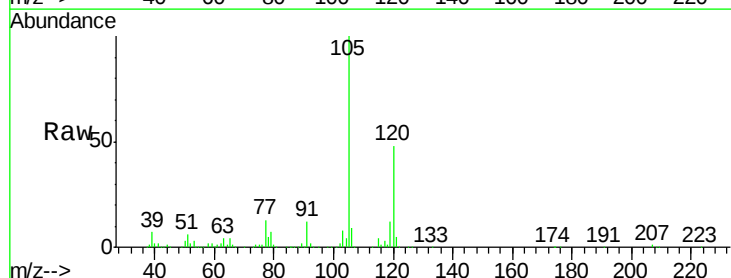
Acq: 23 Sep 2020 11:22

Tgt Ion: 105 Resp: 360194

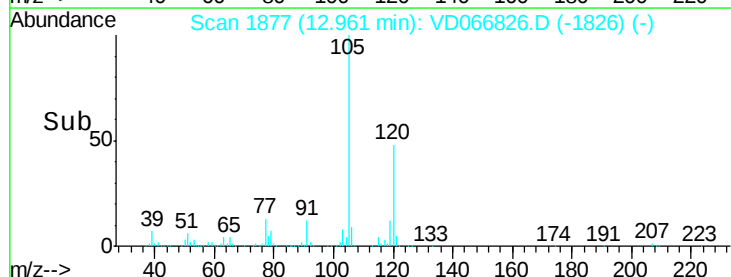
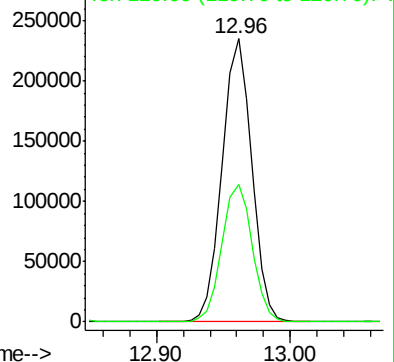
Ion Ratio Lower Upper

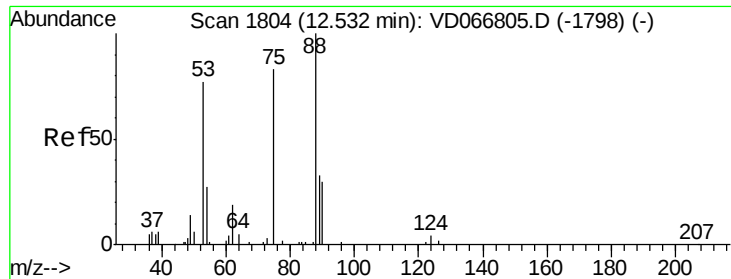
105 100

120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.290 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

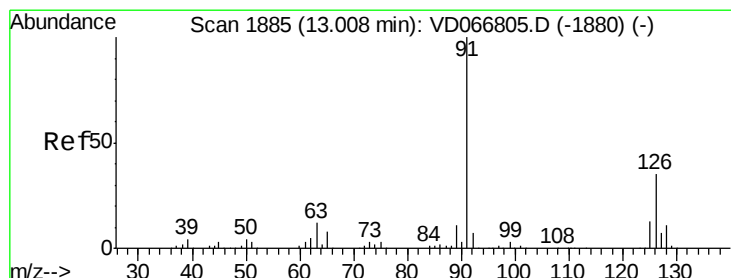
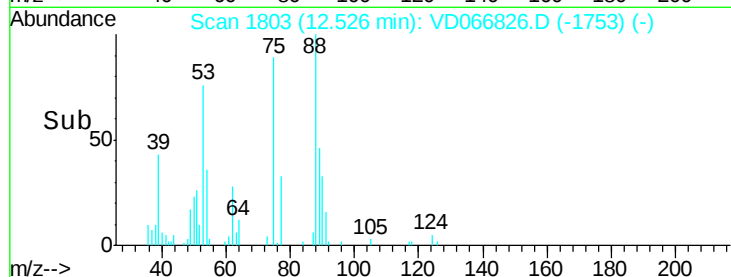
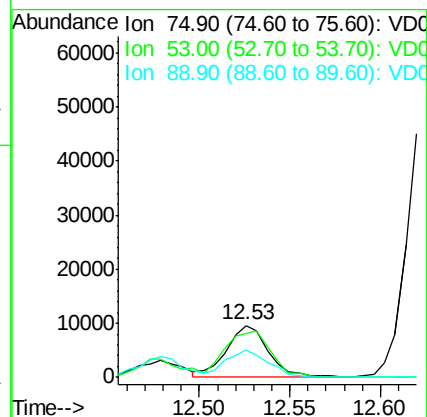
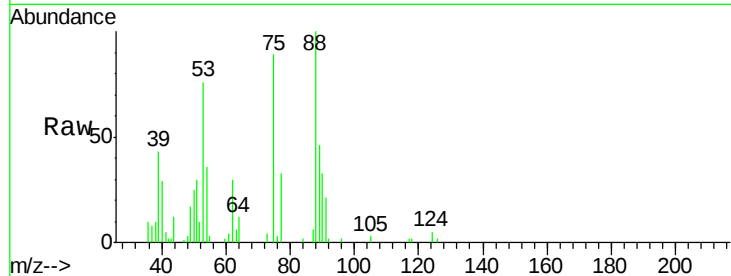
Tgt Ion: 75 Resp: 15539

Ion Ratio Lower Upper

75 100

53 97.3 78.5 117.7

89 53.0 38.1 57.1



#82

4-Chlorotoluene

Concen: 21.626 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066826.D

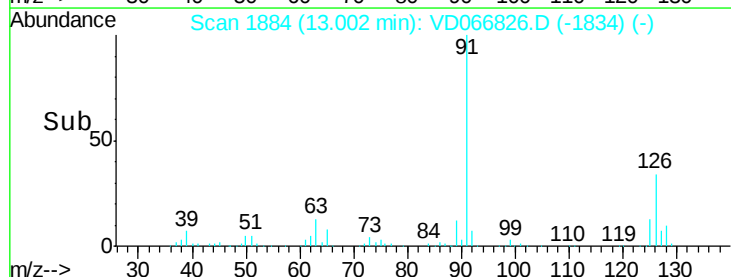
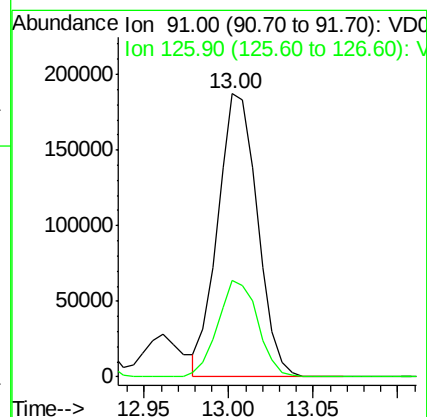
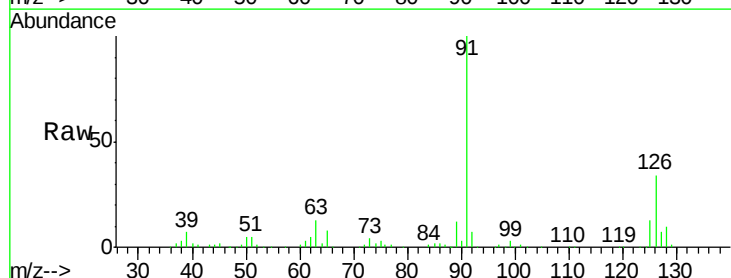
Acq: 23 Sep 2020 11:22

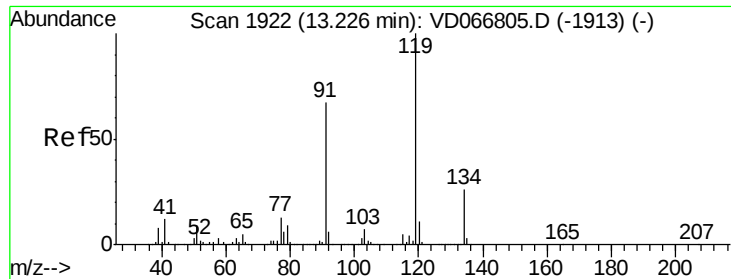
Tgt Ion: 91 Resp: 306334

Ion Ratio Lower Upper

91 100

126 34.4 17.1 51.2

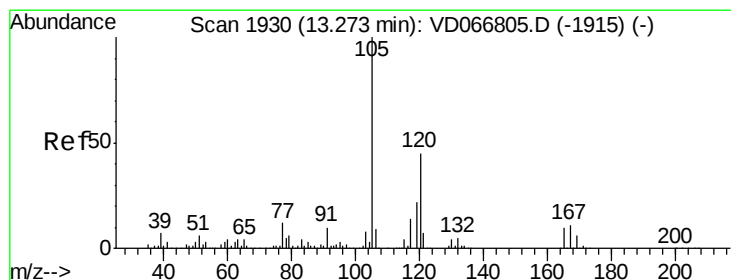
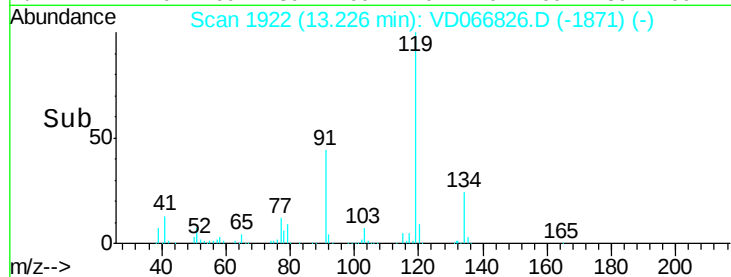
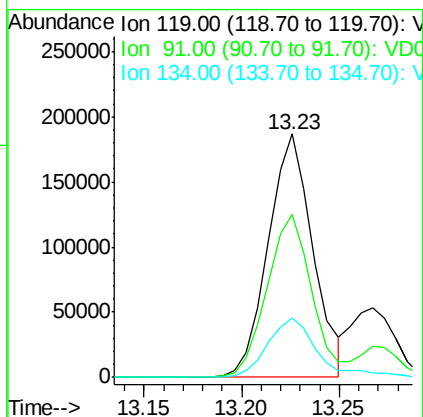
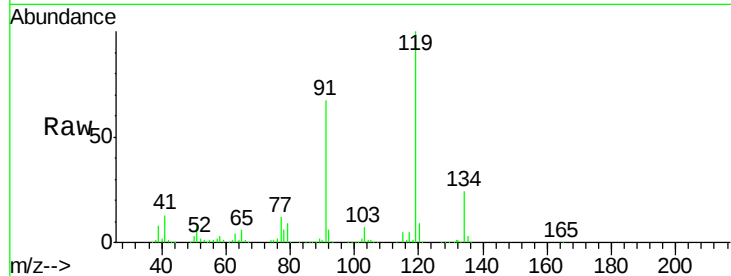




#83
 tert-Butylbenzene
 Concen: 21.714 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

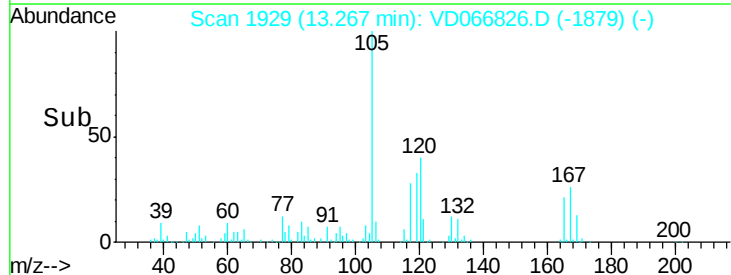
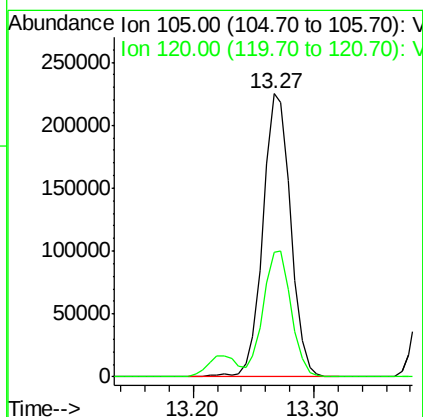
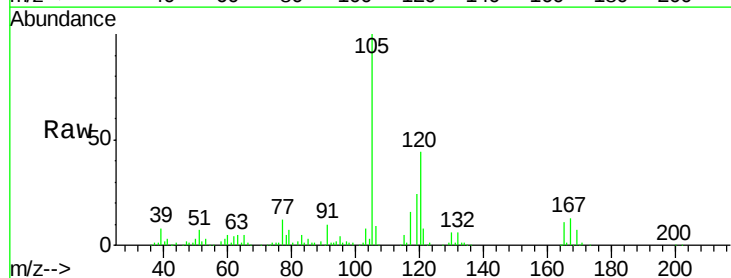
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

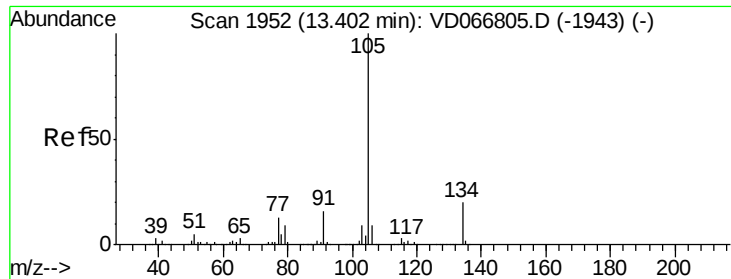
Tgt Ion:119 Resp: 296760
 Ion Ratio Lower Upper
 119 100
 91 66.1 33.6 100.8
 134 27.1 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.859 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion:105 Resp: 360507
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.9

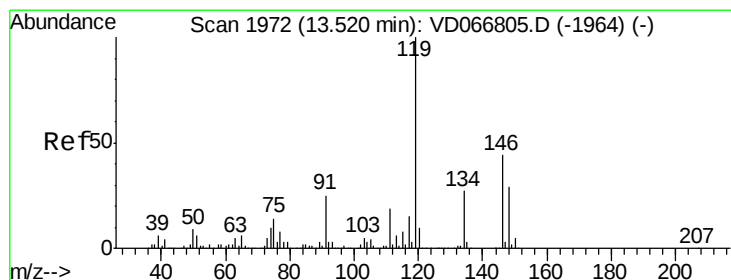
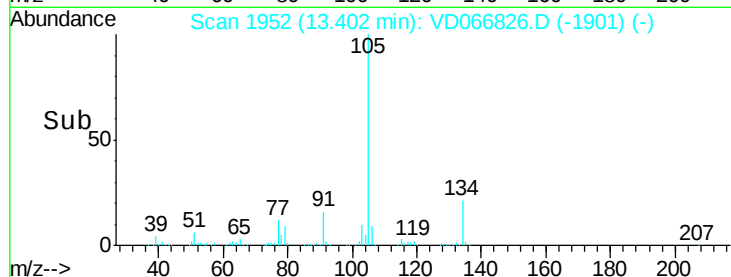
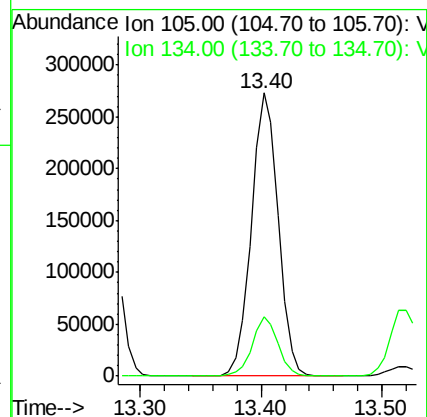
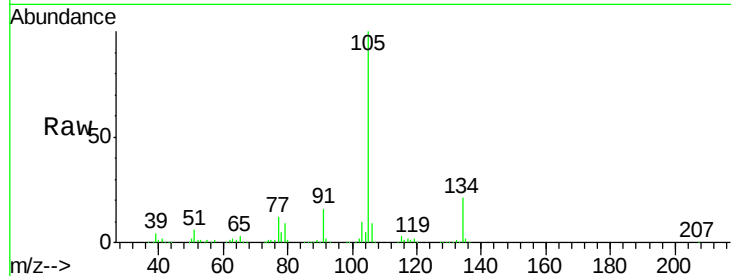




#85
 sec-Butylbenzene
 Concen: 21.593 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

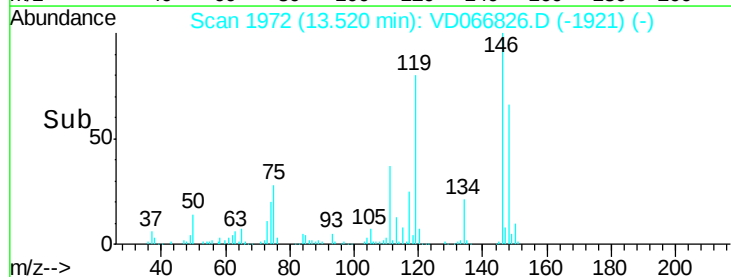
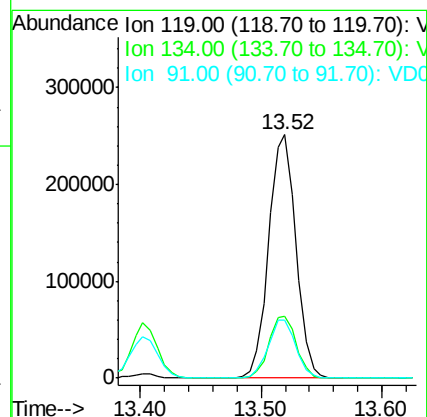
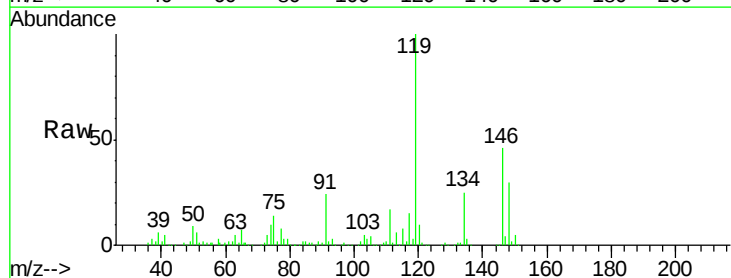
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

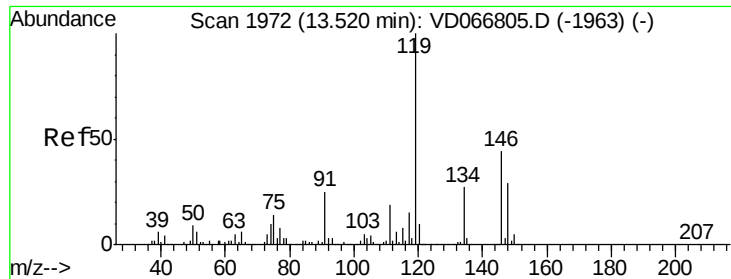
Tgt Ion:105 Resp: 424362
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 22.255 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion:119 Resp: 394242
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 24.1 12.0 36.1

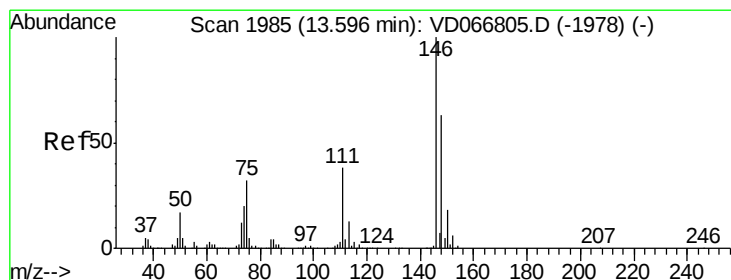
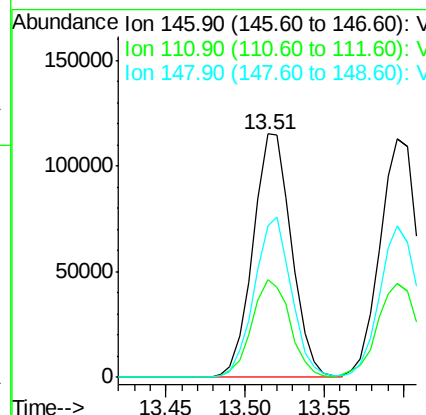
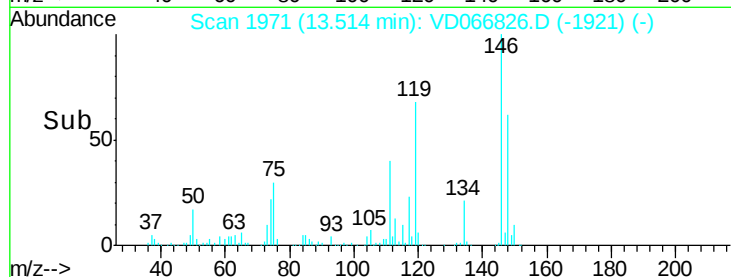
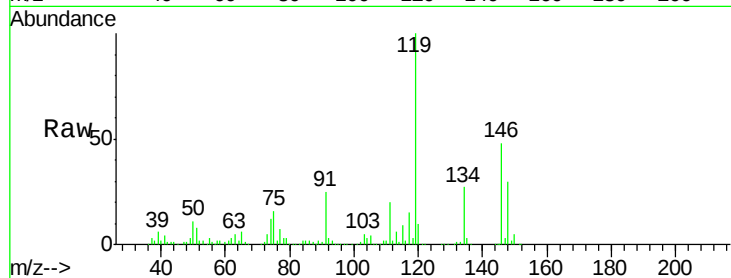




#87
 1,3-Dichlorobenzene
 Concen: 21.492 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

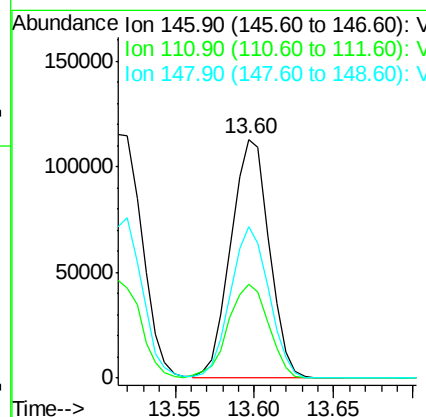
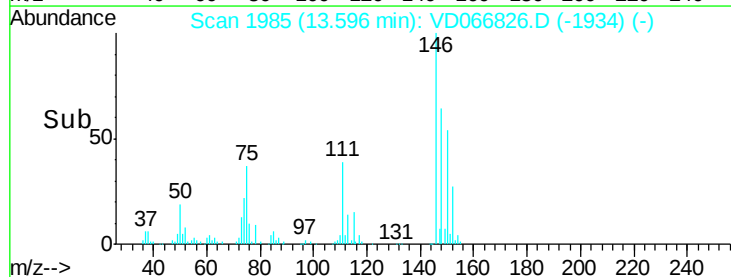
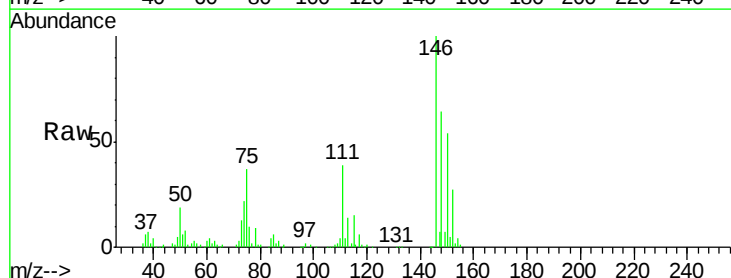
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

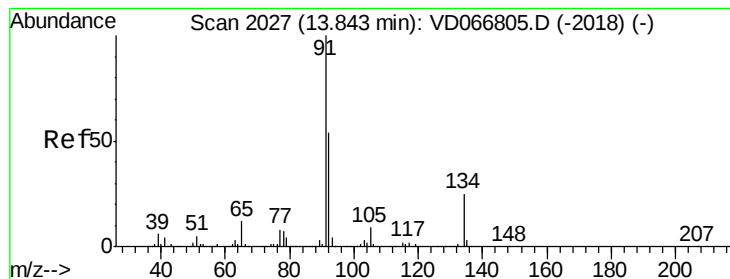
Tgt Ion:146 Resp: 194645
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.9
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.090 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion:146 Resp: 189710
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.2 60.5
 148 63.4 31.6 94.7





#89

n-Butylbenzene

Concen: 21.141 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

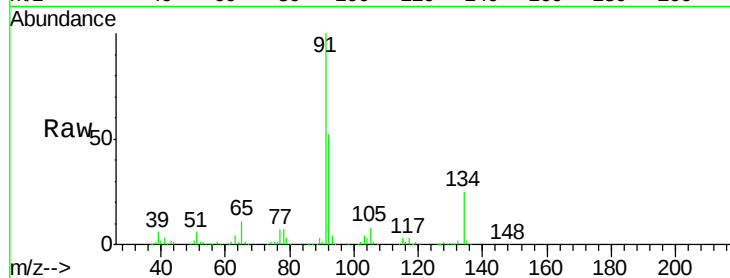
Tgt Ion: 91 Resp: 355967

Ion Ratio Lower Upper

91 100

92 53.0 26.7 80.0

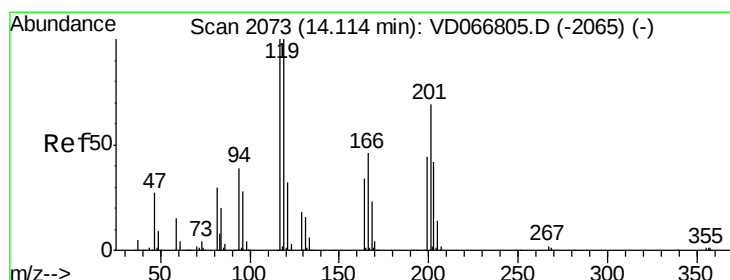
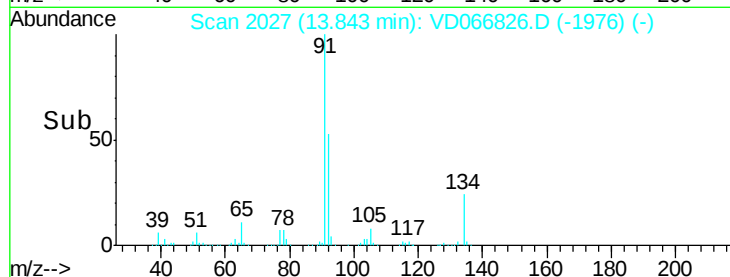
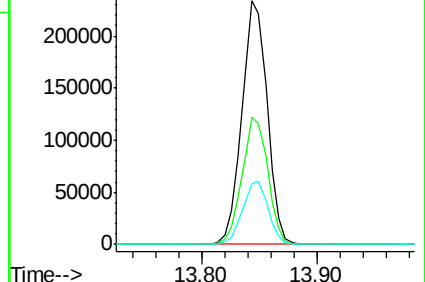
134 26.0 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 20.402 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VD066826.D

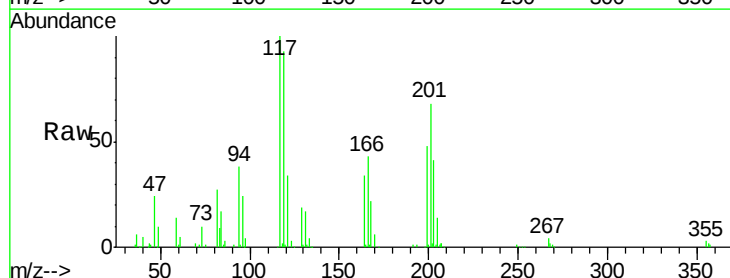
Acq: 23 Sep 2020 11:22

Tgt Ion: 117 Resp: 73375

Ion Ratio Lower Upper

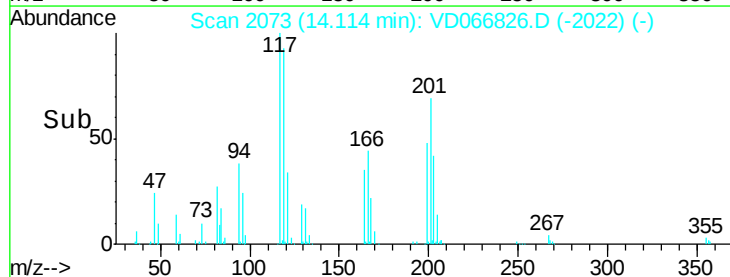
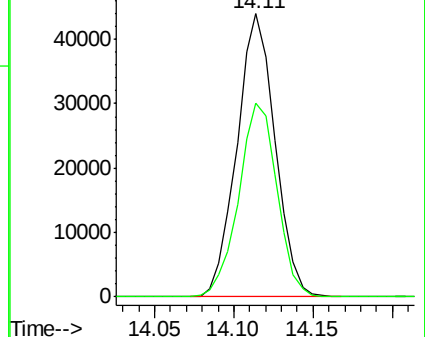
117 100

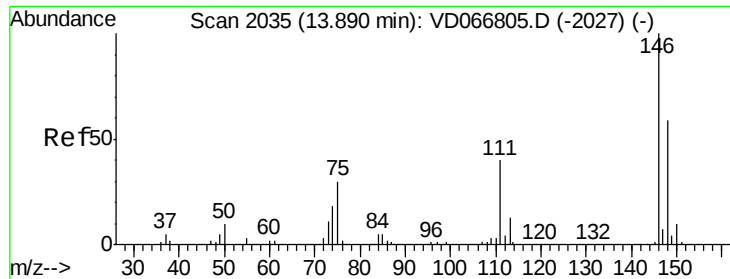
201 68.8 33.7 101.0



Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC

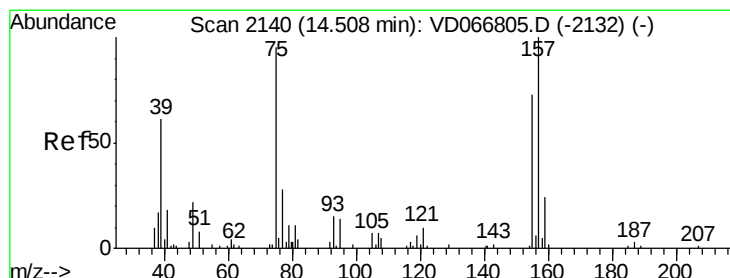
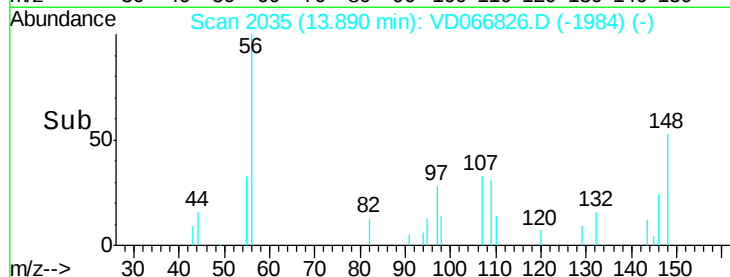
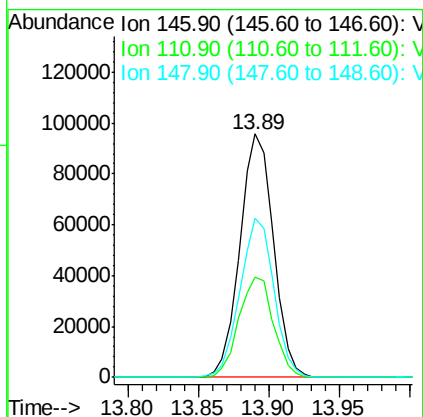
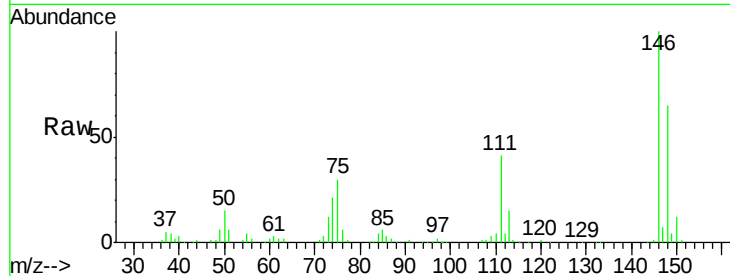




#91
 1,2-Dichlorobenzene
 Concen: 20.612 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

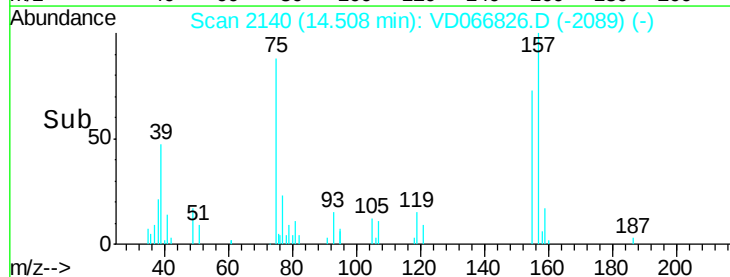
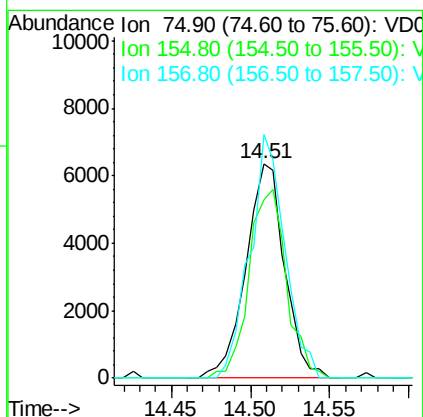
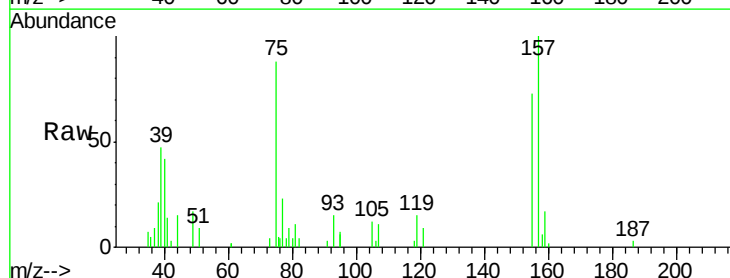
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

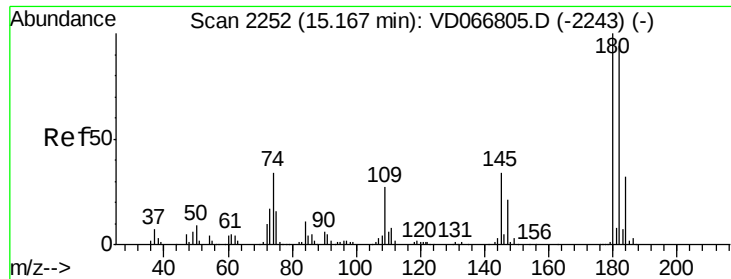
Tgt Ion:146 Resp: 159714
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.9 62.7
 148 65.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.806 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion: 75 Resp: 10776
 Ion Ratio Lower Upper
 75 100
 155 85.5 40.4 121.2
 157 103.1 51.3 153.9

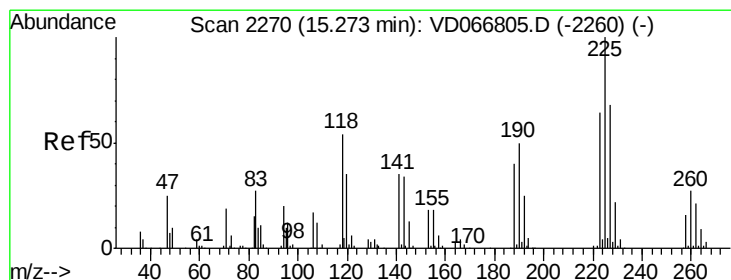
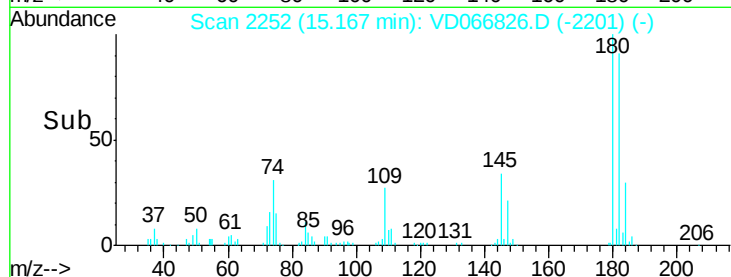
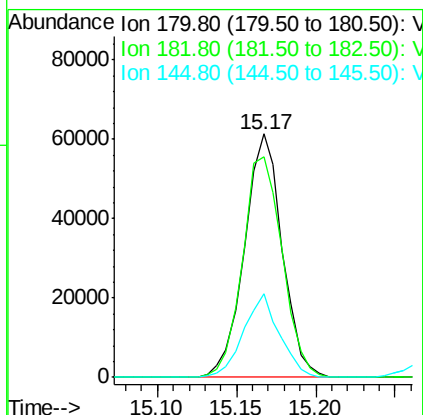
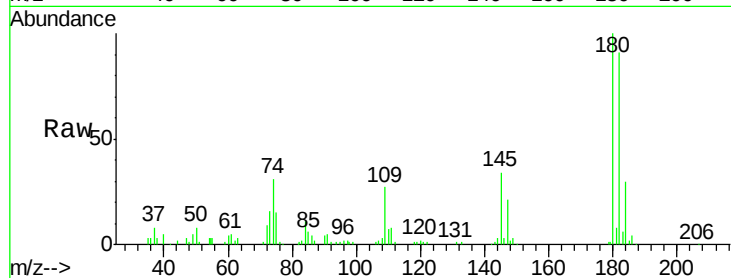




#93
 1,2,4-Trichlorobenzene
 Concen: 20.825 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

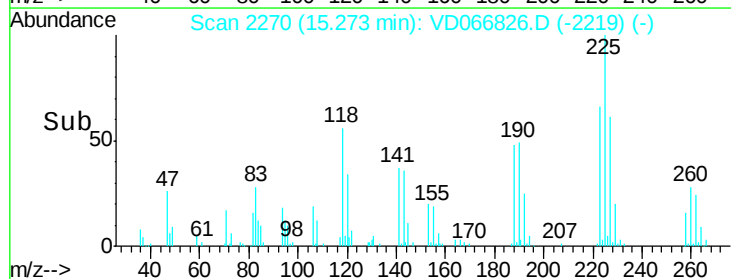
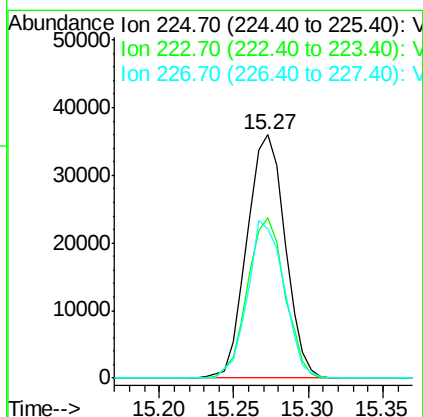
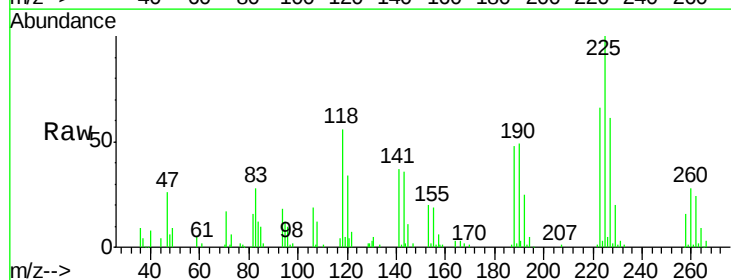
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

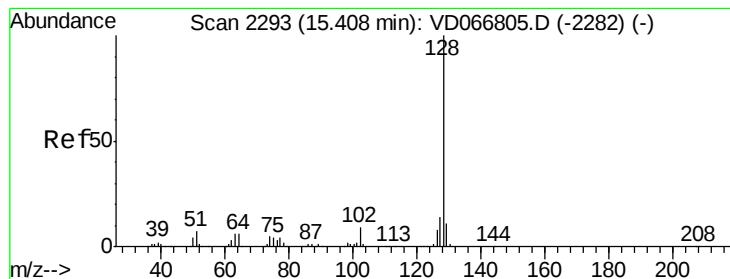
Tgt Ion:180 Resp: 101580
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.8 146.3
 145 32.5 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 21.790 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066826.D
 Acq: 23 Sep 2020 11:22

Tgt Ion:225 Resp: 63690
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.1 93.3
 227 62.0 31.7 95.1





#95

Naphthalene

Concen: 19.071 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

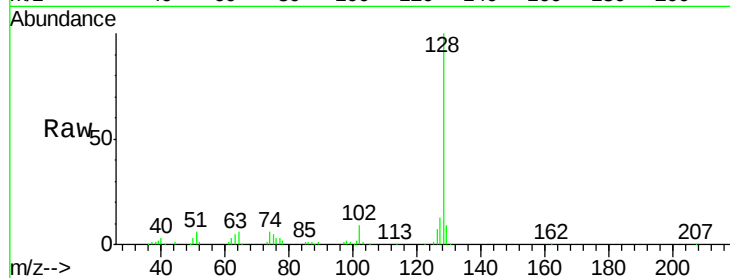
Tgt Ion:128 Resp: 157932

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

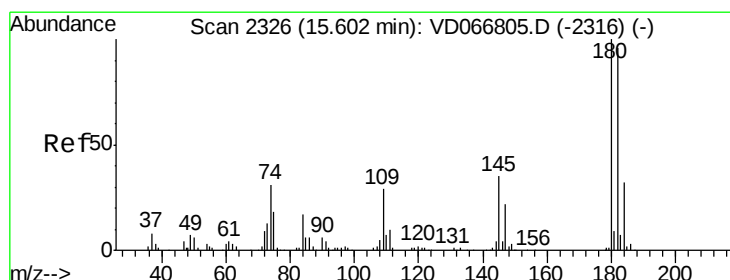
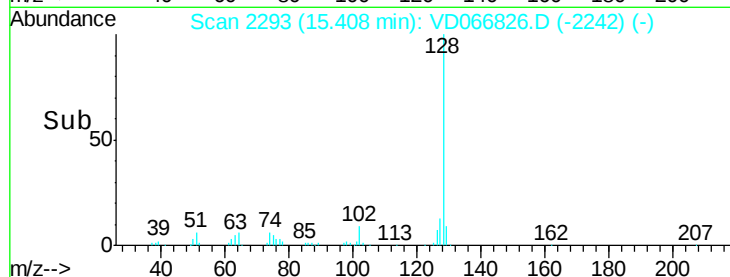
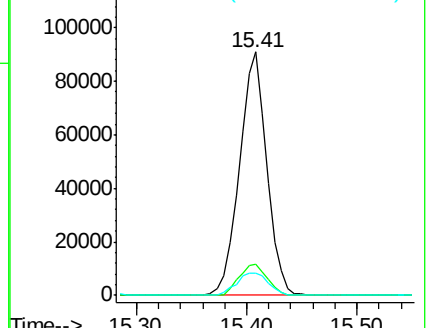
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.203 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066826.D

Acq: 23 Sep 2020 11:22

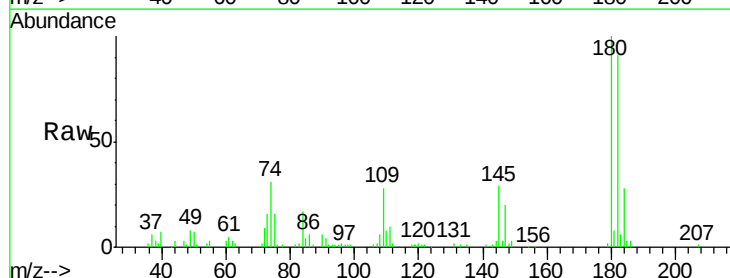
Tgt Ion:180 Resp: 85054

Ion Ratio Lower Upper

180 100

182 94.7 46.8 140.3

145 33.1 17.0 51.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

