

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092320\
 Data File : VD066827.D
 Acq On : 23 Sep 2020 11:49
 Operator : VA/SY
 Sample : VD0923SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

Quant Time: Sep 23 15:01:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	406187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	633008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	581175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272452	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	188599	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	7.91	113	192213	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	10.34	98	696941	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.63	95	235165	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	78444	24.759 ug/l	96
3) Chloromethane	2.21	50	80451	21.557 ug/l	99
4) Vinyl Chloride	2.35	62	78760	21.362 ug/l	95
5) Bromomethane	2.76	94	52579	20.289 ug/l	92
6) Chloroethane	2.92	64	46774	20.429 ug/l #	80
7) Trichlorofluoromethane	3.27	101	158719	20.961 ug/l	99
8) Diethyl Ether	3.70	74	38203	19.873 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	91076	20.743 ug/l	98
10) Methyl Iodide	4.30	142	90768	23.427 ug/l	98
11) Tert butyl alcohol	5.22	59	22381	56.107 ug/l #	88
12) 1,1-Dichloroethene	4.06	96	81150	20.402 ug/l	97
13) Acrolein	3.92	56	27487	93.723 ug/l	96
14) Allyl chloride	4.71	41	113510	19.435 ug/l	99
15) Acrylonitrile	5.43	53	76451	89.741 ug/l	98
16) Acetone	4.16	43	65729	77.937 ug/l	89
17) Carbon Disulfide	4.41	76	255490	21.010 ug/l	98
18) Methyl Acetate	4.71	43	36755	17.148 ug/l #	76
19) Methyl tert-butyl Ether	5.49	73	165415	19.150 ug/l	97
20) Methylene Chloride	4.97	84	103750	19.209 ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	93785	20.364 ug/l	96
22) Diisopropyl ether	6.36	45	247034	20.571 ug/l	99
23) Vinyl Acetate	6.31	43	561147	87.819 ug/l	98
24) 1,1-Dichloroethane	6.26	63	160524	19.981 ug/l	99
25) 2-Butanone	7.21	43	93832	92.583 ug/l	99
26) 2,2-Dichloropropane	7.21	77	147237	19.996 ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	105114	21.006 ug/l	97
28) Bromochloromethane	7.54	49	65415	19.710 ug/l	94
29) Tetrahydrofuran	7.56	42	59093	90.997 ug/l	98
30) Chloroform	7.71	83	174962	20.204 ug/l	97
31) Cyclohexane	7.98	56	141853	19.624 ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	161895	20.666 ug/l	99
36) 1,1-Dichloropropene	8.10	75	134920	21.484 ug/l	99
37) Ethyl Acetate	7.29	43	42806	18.855 ug/l	96
38) Carbon Tetrachloride	8.10	117	142474	20.751 ug/l	97

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 Data File : VD066827.D
 Acq On : 23 Sep 2020 11:49
 Operator : VA/SY
 Sample : VD0923SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0923SBS01

Quant Time: Sep 23 15:01:15 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	152435	21.141	ug/l	96
40) Benzene	8.34	78	368136	21.034	ug/l	97
41) Methacrylonitrile	7.56	41	61144	43.795	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	102576	19.825	ug/l	97
43) Isopropyl Acetate	8.45	43	84057	19.204	ug/l	100
44) Trichloroethene	9.11	130	105515	21.151	ug/l	93
45) 1,2-Dichloropropane	9.38	63	91991	20.890	ug/l	100
46) Dibromomethane	9.47	93	47603	19.896	ug/l	97
47) Bromodichloromethane	9.66	83	133258	20.734	ug/l	98
48) Methyl methacrylate	9.45	41	43699	20.250	ug/l	94
49) 1,4-Dioxane	9.46	88	11518	357.874	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	213534	96.281	ug/l	98
52) Toluene	10.40	92	235929	20.927	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	107831	19.712	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	131018	19.642	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	64466	19.600	ug/l	98
56) Ethyl methacrylate	10.66	69	65883	18.698	ug/l	97
57) 1,3-Dichloropropane	10.94	76	110718	20.386	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	193657	116.076	ug/l	99
59) 2-Hexanone	10.98	43	145059	96.988	ug/l	98
60) Dibromochloromethane	11.14	129	86907	20.245	ug/l	99
61) 1,2-Dibromoethane	11.24	107	62443	20.411	ug/l	99
64) Tetrachloroethene	10.87	164	92700	22.175	ug/l	98
65) Chlorobenzene	11.67	112	251734	20.809	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	93807	20.488	ug/l	100
67) Ethyl Benzene	11.74	91	443717	20.884	ug/l	96
68) m/p-Xylenes	11.85	106	342726	42.604	ug/l	99
69) o-Xylene	12.18	106	150129	20.639	ug/l	97
70) Styrene	12.19	104	264426	20.933	ug/l	100
71) Bromoform	12.36	173	45876	19.789	ug/l #	98
73) Isopropylbenzene	12.48	105	418972	21.287	ug/l	99
74) N-amyl acetate	12.28	43	74172	19.298	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	69260	20.393	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	94188	41.716	ug/l #	100
77) Bromobenzene	12.76	156	97422	21.164	ug/l	97
78) n-propylbenzene	12.82	91	516141	21.798	ug/l	100
79) 2-Chlorotoluene	12.91	91	283281	20.994	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	361038	21.619	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	15775	17.480	ug/l	97
82) 4-Chlorotoluene	13.00	91	309518	21.761	ug/l	97
83) tert-Butylbenzene	13.23	119	299034	21.791	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	360861	21.791	ug/l	98
85) sec-Butylbenzene	13.40	105	418454	21.205	ug/l	100
86) p-Isopropyltoluene	13.52	119	386721	21.741	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	193000	21.222	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	188675	20.889	ug/l	98
89) n-Butylbenzene	13.84	91	351792	20.807	ug/l	99
90) Hexachloroethane	14.11	117	70687	19.574	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	164632	21.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10844	19.849	ug/l	94

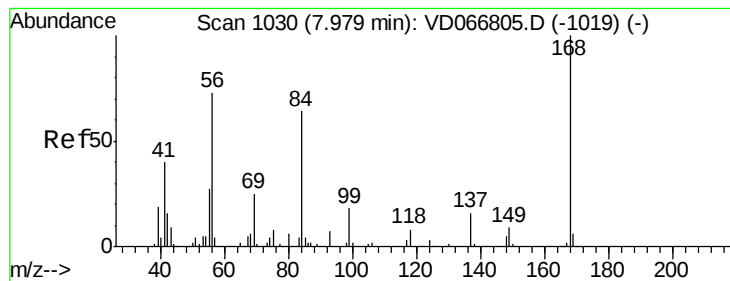
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD092320\
Data File : VD066827.D
Acq On : 23 Sep 2020 11:49
Operator : VA/SY
Sample : VD0923SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

Quant Time: Sep 23 15:01:15 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	101126	20.647	ug/l	98
94) Hexachlorobutadiene	15.27	225	61777	21.048	ug/l	98
95) Naphthalene	15.40	128	158248	19.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	85383	20.197	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

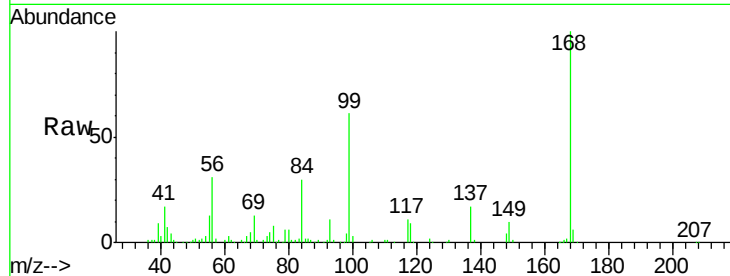
VD0923SBSD01

Tgt Ion:168 Resp: 406187

Ion Ratio Lower Upper

168 100

99 60.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

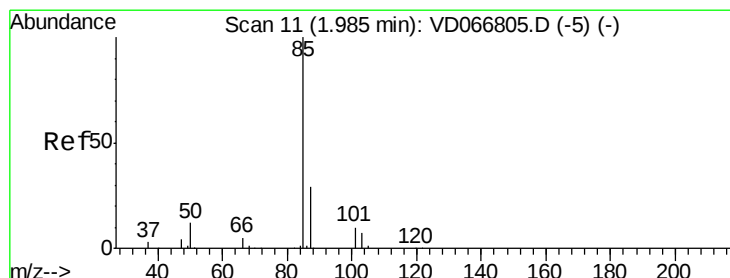
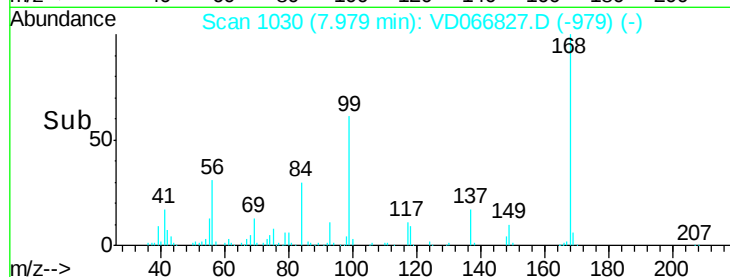
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 24.759 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066827.D

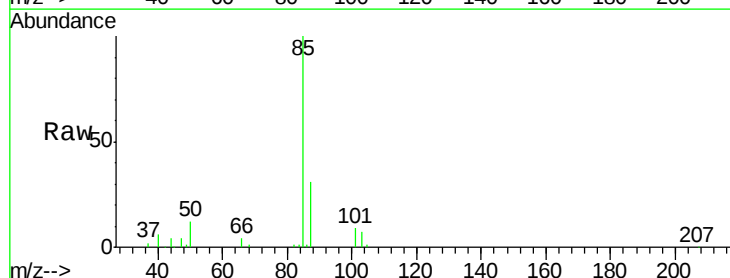
Acq: 23 Sep 2020 11:49

Tgt Ion: 85 Resp: 78444

Ion Ratio Lower Upper

85 100

87 30.9 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

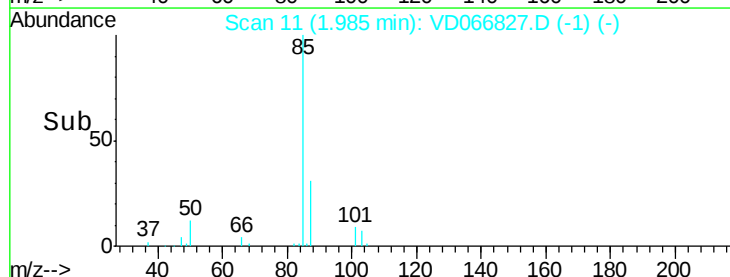
40000

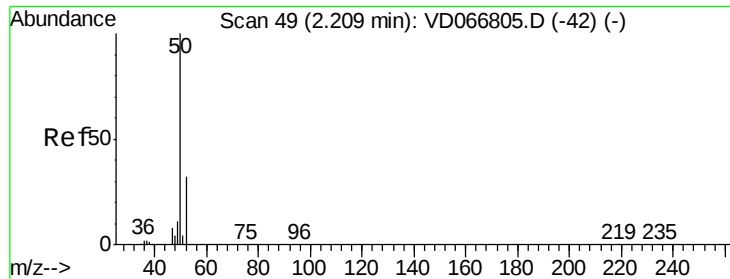
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.557 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

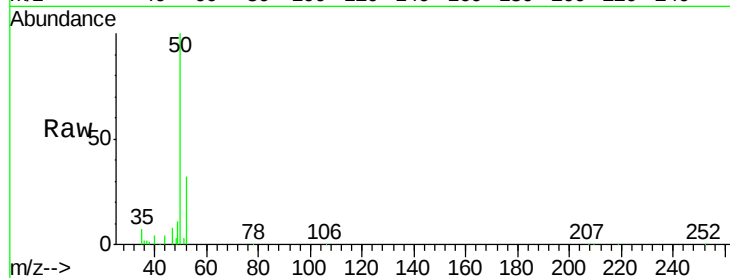
VD0923SBSD01

Tgt Ion: 50 Resp: 80451

Ion Ratio Lower Upper

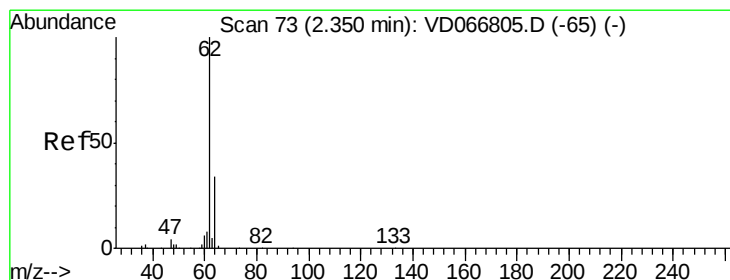
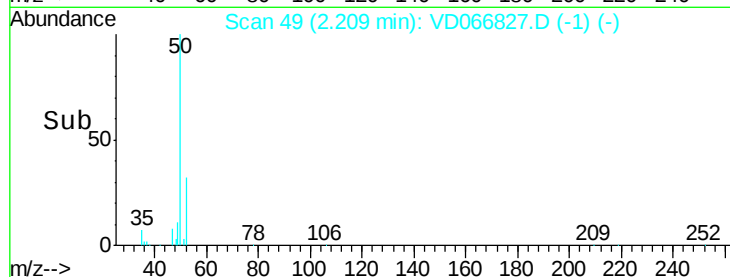
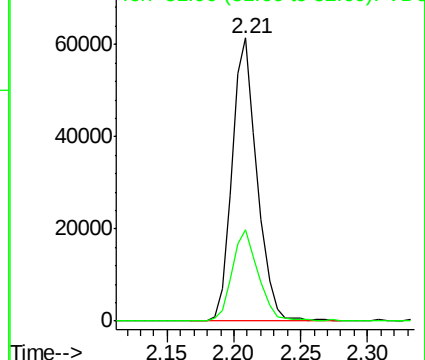
50 100

52 32.3 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: 21.362 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066827.D

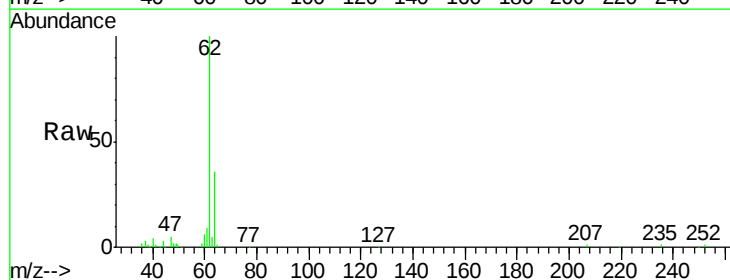
Acq: 23 Sep 2020 11:49

Tgt Ion: 62 Resp: 78760

Ion Ratio Lower Upper

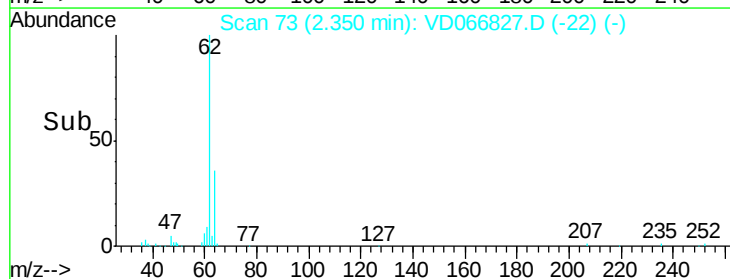
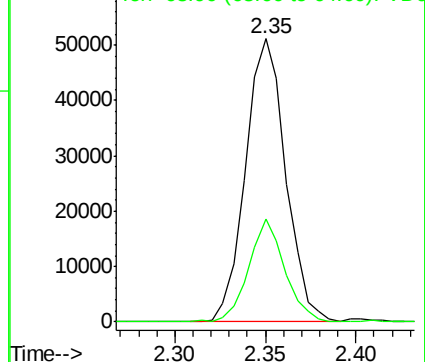
62 100

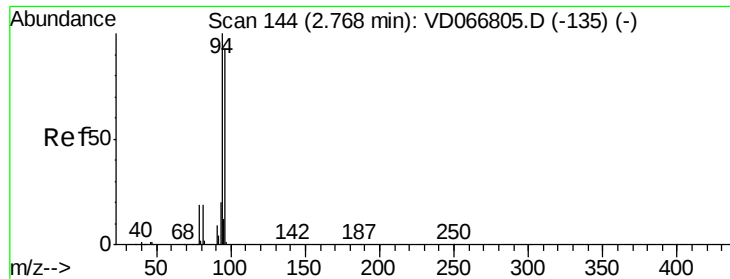
64 36.5 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.289 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

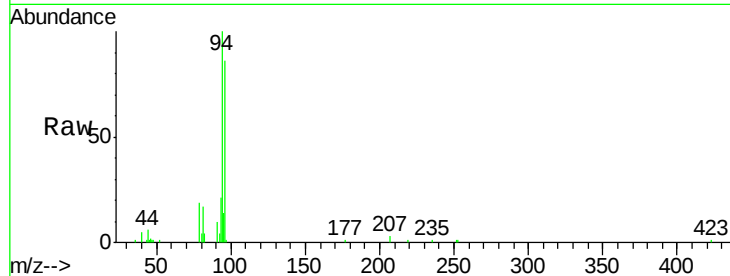
VD0923SBSD01

Tgt Ion: 94 Resp: 52579

Ion Ratio Lower Upper

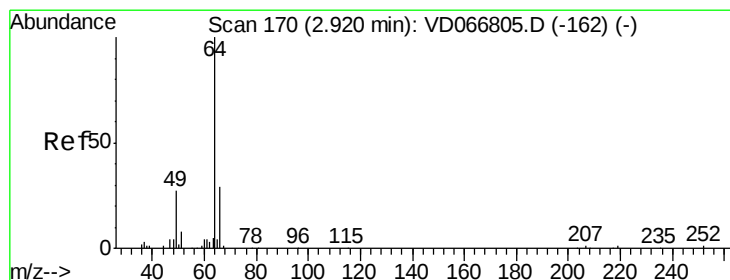
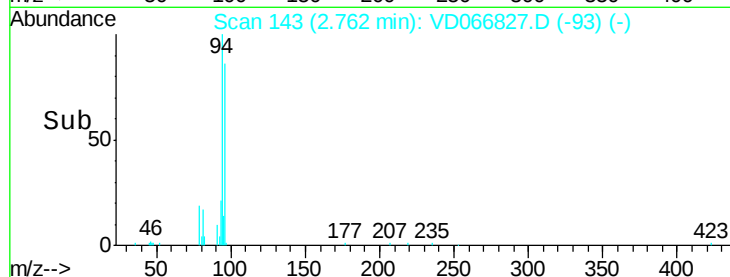
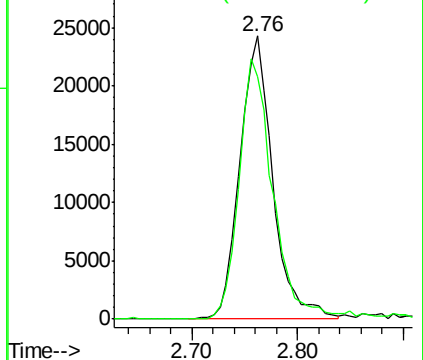
94 100

96 85.6 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: 20.429 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066827.D

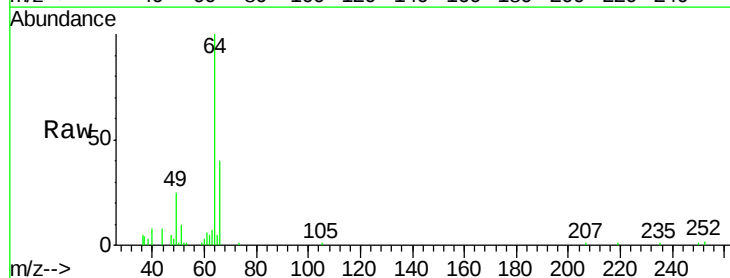
Acq: 23 Sep 2020 11:49

Tgt Ion: 64 Resp: 46774

Ion Ratio Lower Upper

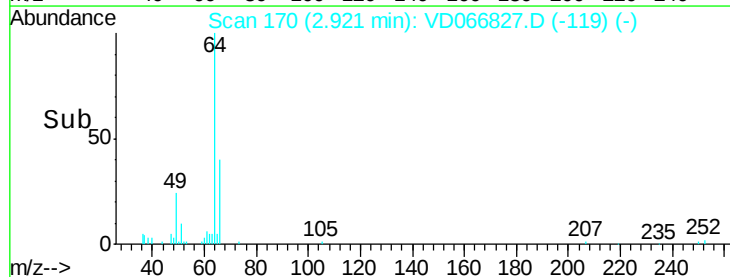
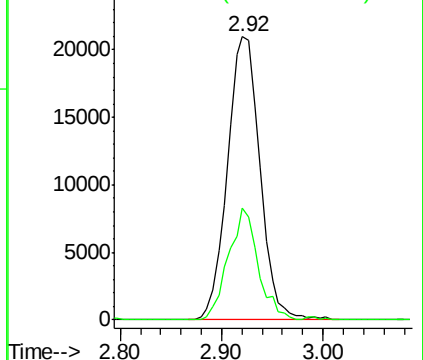
64 100

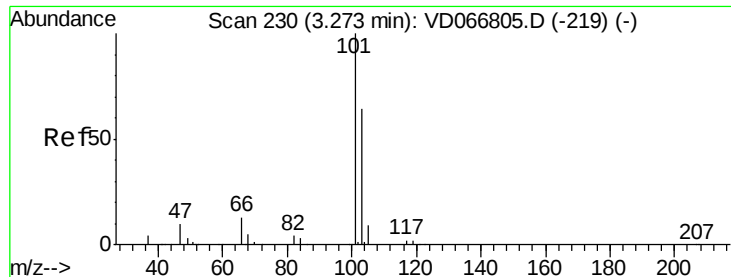
66 39.5 23.3 34.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



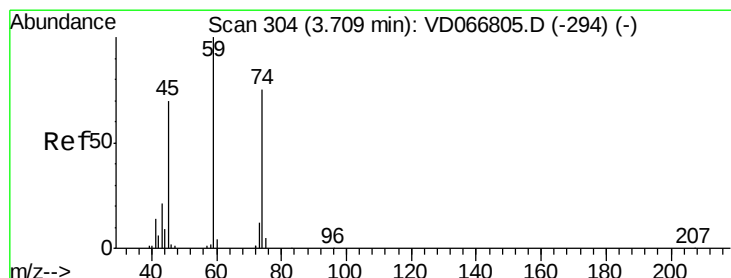
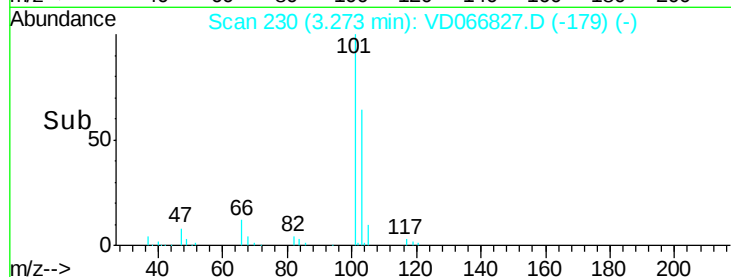
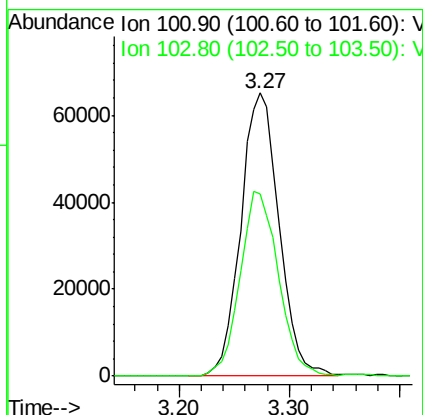
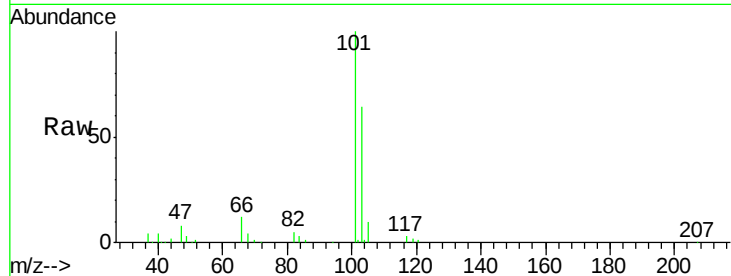


#7

Trichlorofluoromethane
 Concen: 20.961 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBSD01

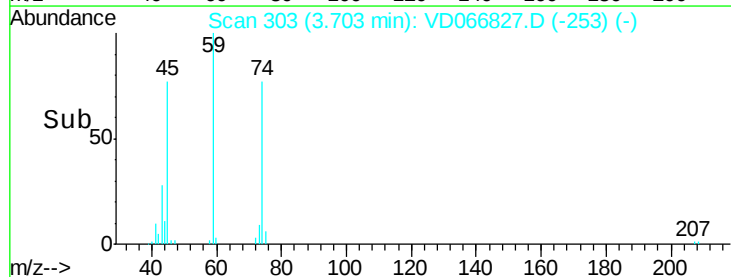
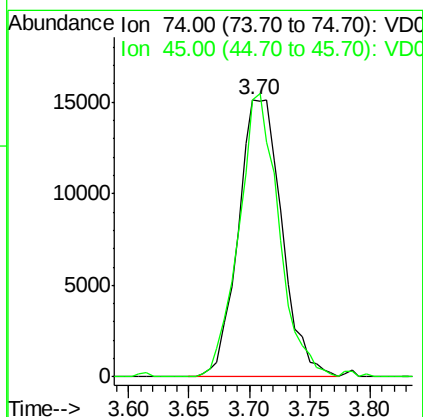
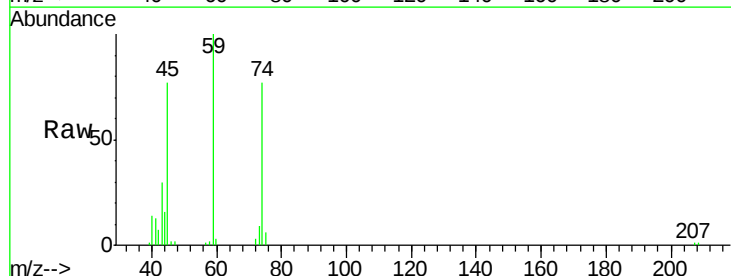
Tgt Ion:101 Resp: 158719
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.0 76.6

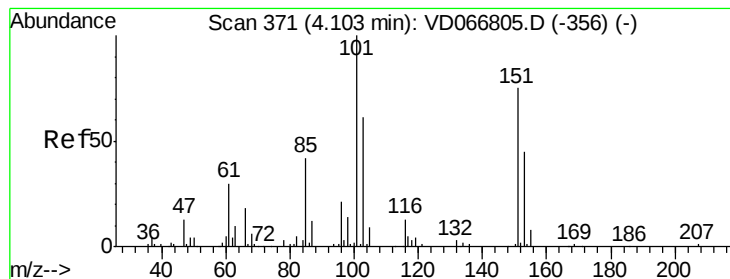


#8

Diethyl Ether
 Concen: 19.873 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

Tgt Ion: 74 Resp: 38203
 Ion Ratio Lower Upper
 74 100
 45 94.1 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.743 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBSD01

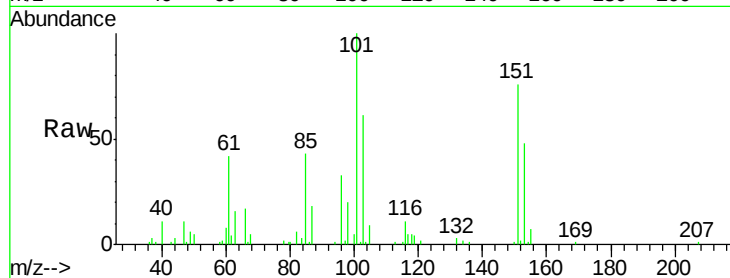
Tgt Ion:101 Resp: 91076

Ion Ratio Lower Upper

101 100

85 44.7 35.4 53.2

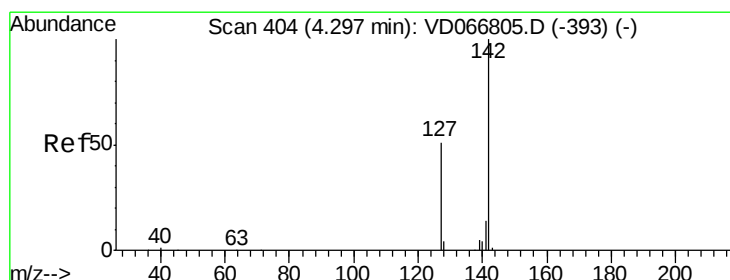
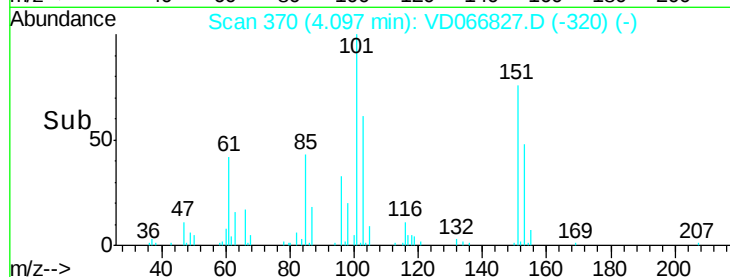
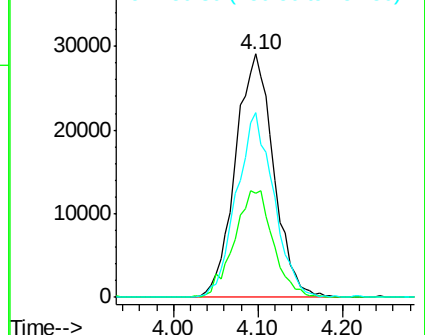
151 74.2 61.4 92.0



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: 23.427 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

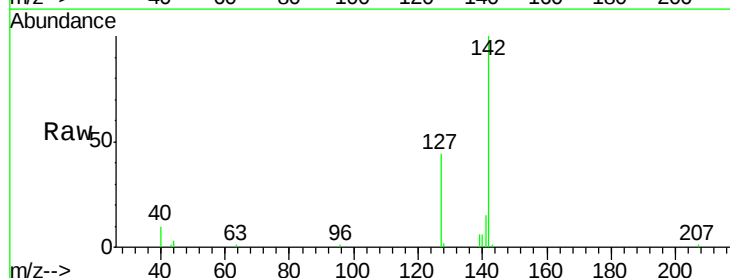
Tgt Ion:142 Resp: 90768

Ion Ratio Lower Upper

142 100

127 47.5 39.4 59.0

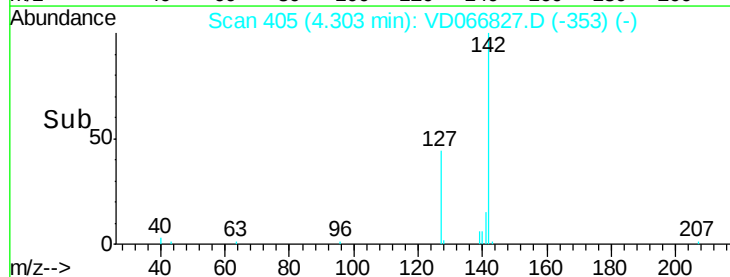
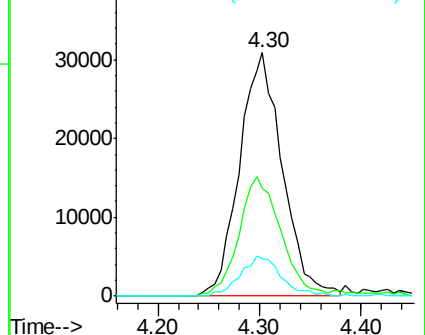
141 15.6 12.1 18.1

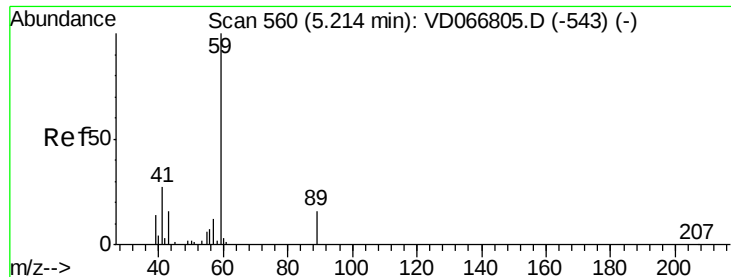


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

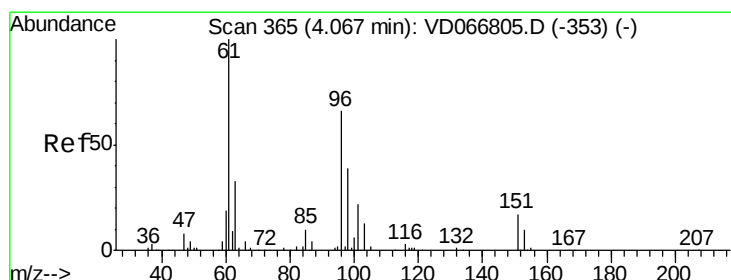
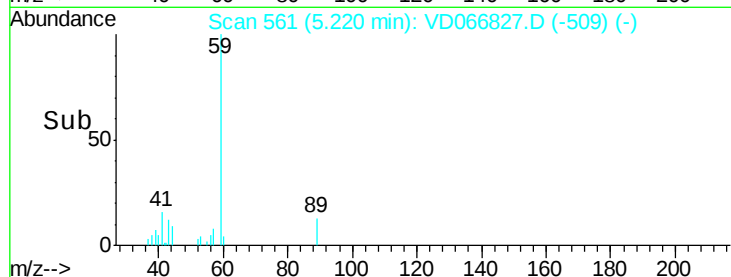
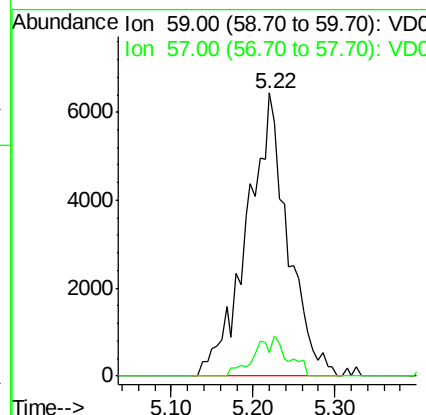
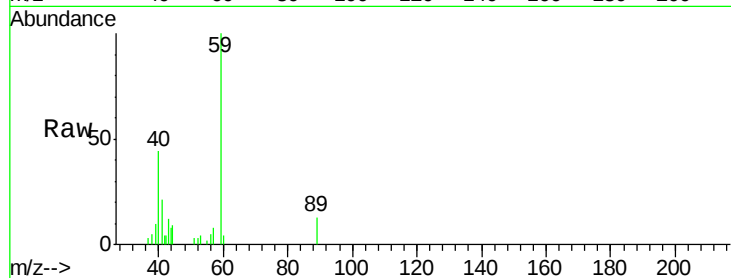




#11
Tert butyl alcohol
Concen: 56.107 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

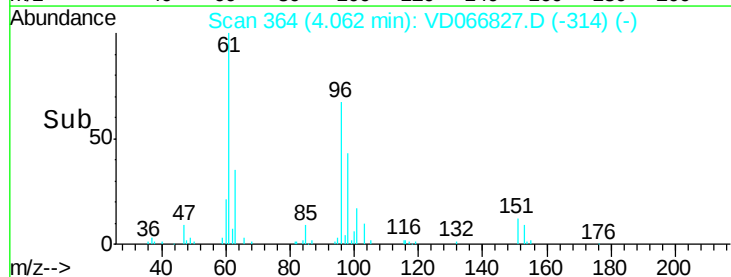
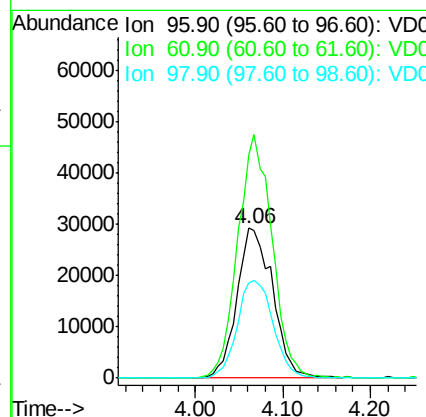
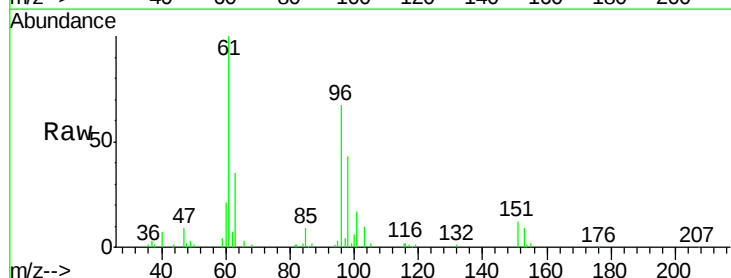
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

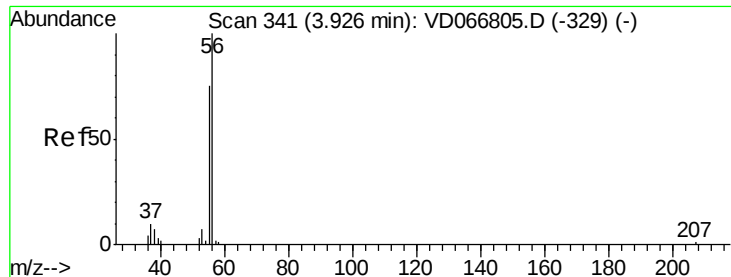
Tgt Ion: 59 Resp: 22381
Ion Ratio Lower Upper
59 100
57 5.9 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 20.402 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion: 96 Resp: 81150
Ion Ratio Lower Upper
96 100
61 148.6 120.8 181.2
98 63.2 47.7 71.5





#13

Acrolein

Concen: 93.723 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

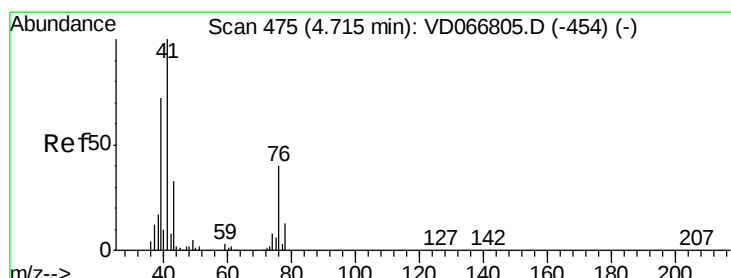
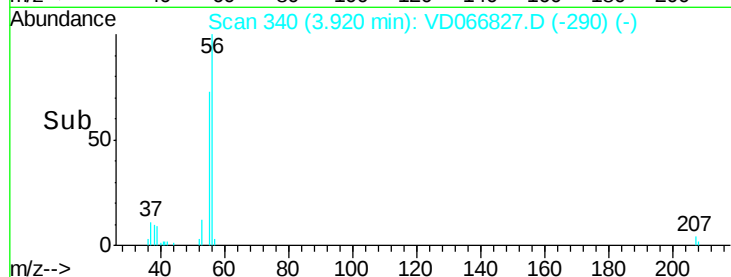
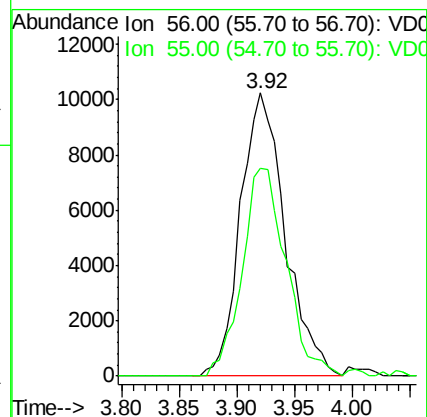
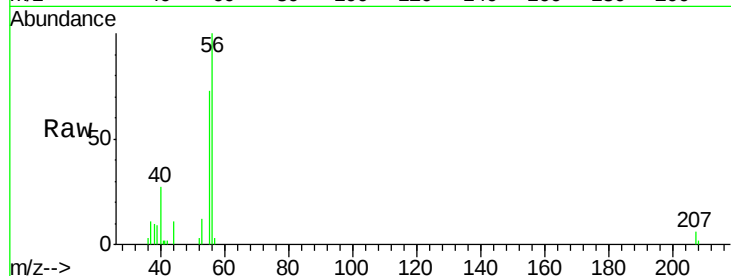
VD0923SBSD01

Tgt Ion: 56 Resp: 27487

Ion Ratio Lower Upper

56 100

55 72.3 60.3 90.5



#14

Allyl chloride

Concen: 19.435 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

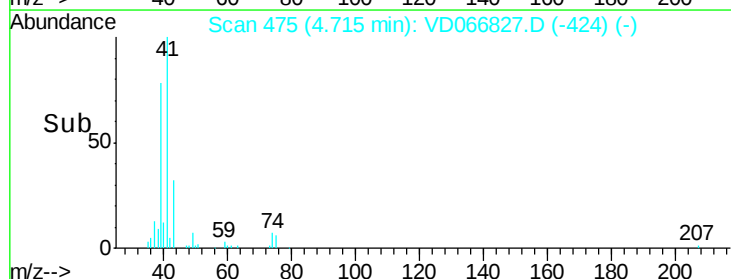
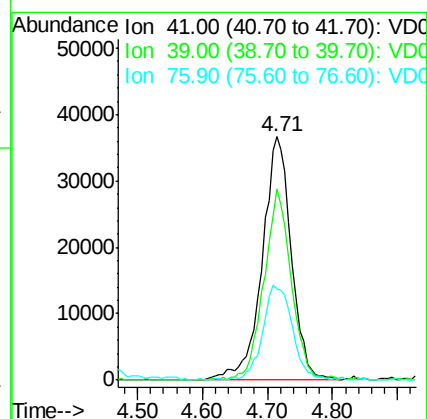
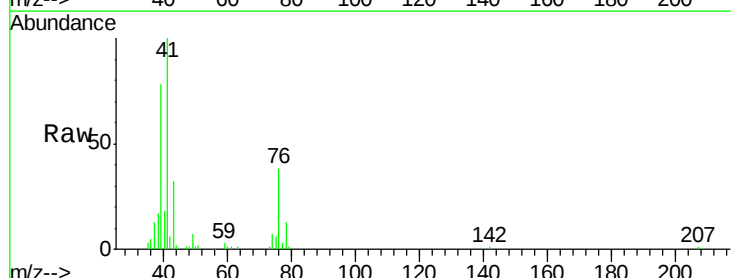
Tgt Ion: 41 Resp: 113510

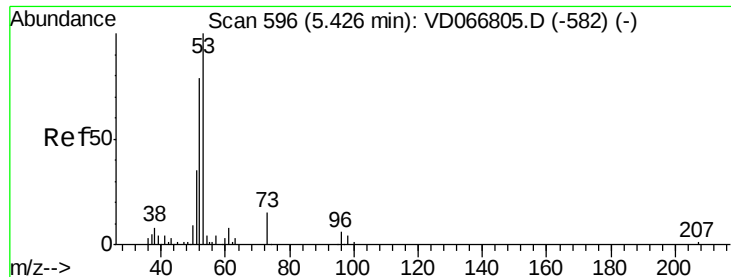
Ion Ratio Lower Upper

41 100

39 73.1 57.8 86.8

76 39.7 30.9 46.3





#15

Acrylonitrile

Concen: 89.741 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBS01

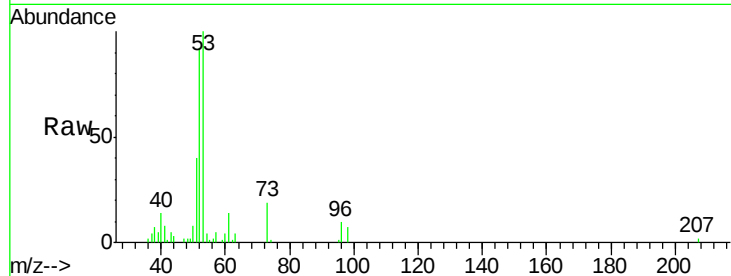
Tgt Ion: 53 Resp: 76451

Ion Ratio Lower Upper

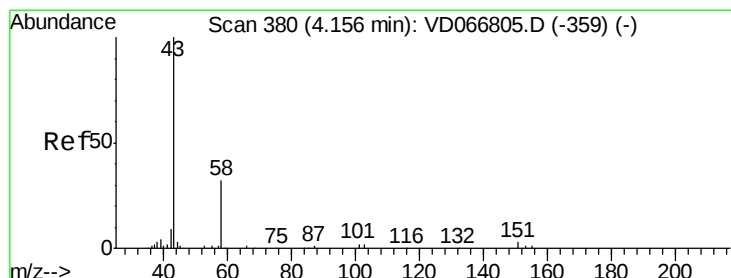
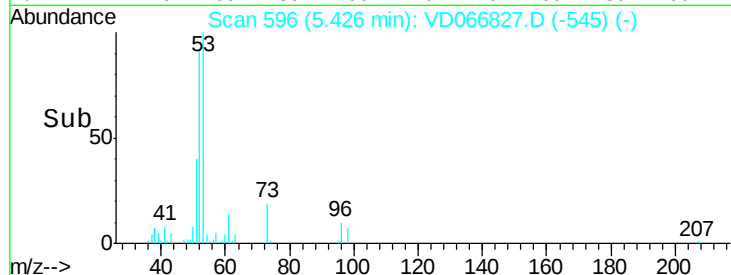
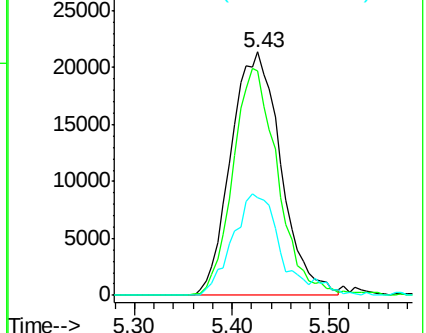
53 100

52 83.8 65.2 97.8

51 38.1 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: 77.937 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066827.D

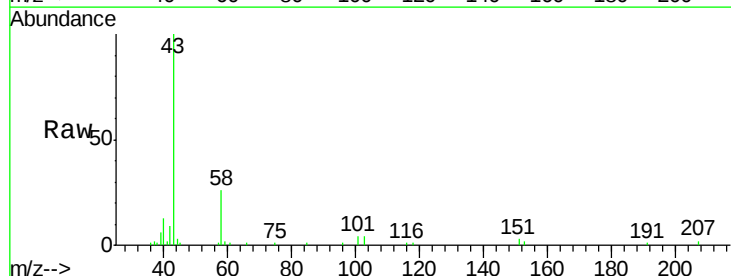
Acq: 23 Sep 2020 11:49

Tgt Ion: 43 Resp: 65729

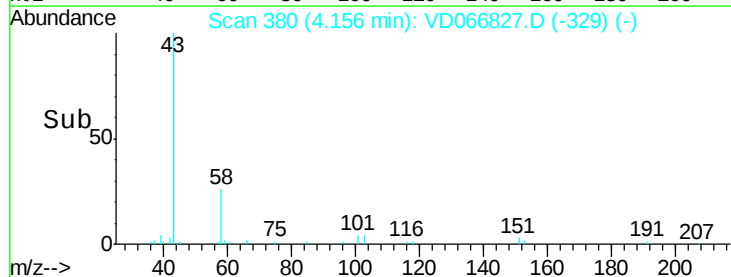
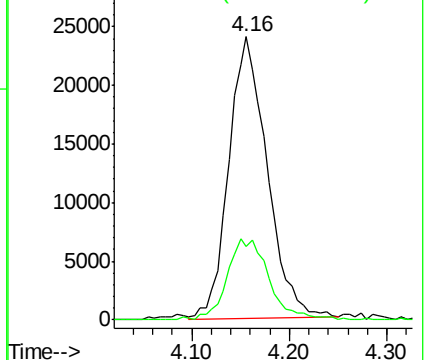
Ion Ratio Lower Upper

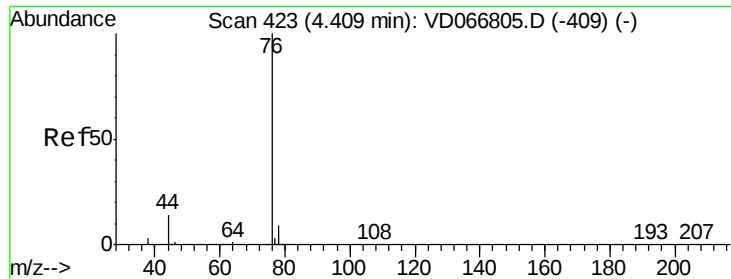
43 100

58 26.1 25.6 38.4



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





#17

Carbon Disulfide

Concen: 21.010 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

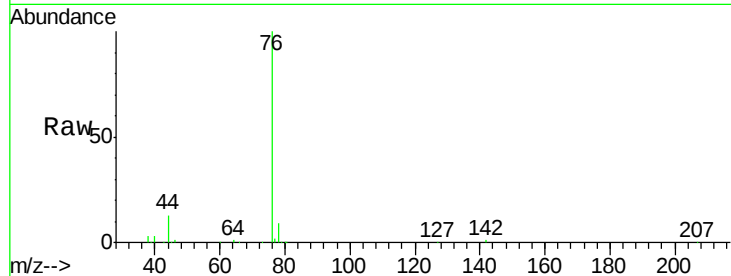
VD0923SBSD01

Tgt Ion: 76 Resp: 255490

Ion Ratio Lower Upper

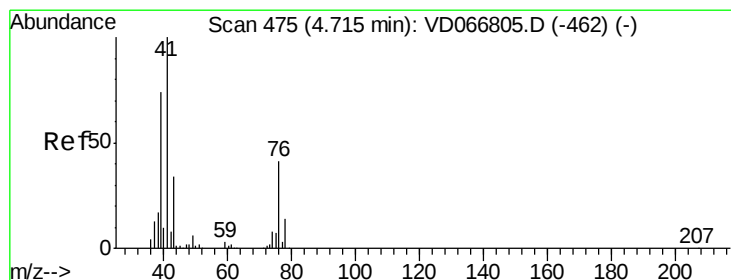
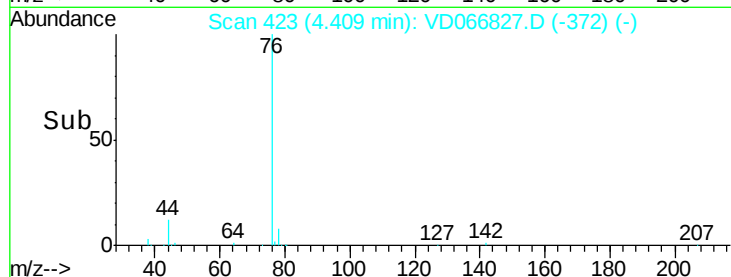
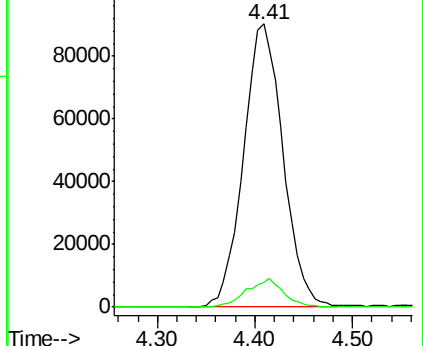
76 100

78 8.9 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 17.148 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066827.D

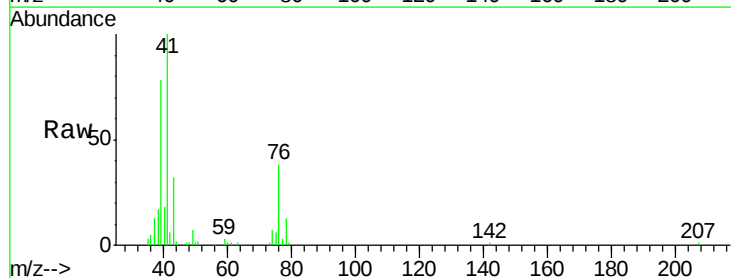
Acq: 23 Sep 2020 11:49

Tgt Ion: 43 Resp: 36755

Ion Ratio Lower Upper

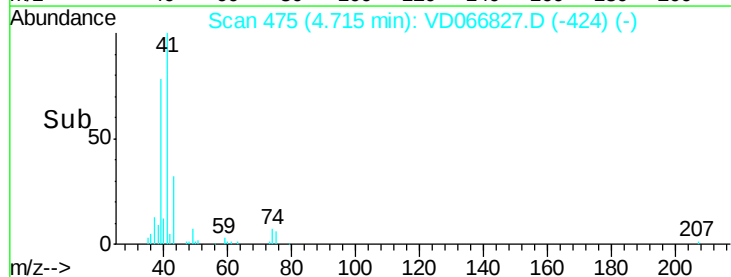
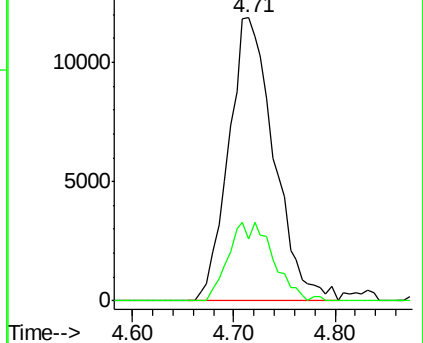
43 100

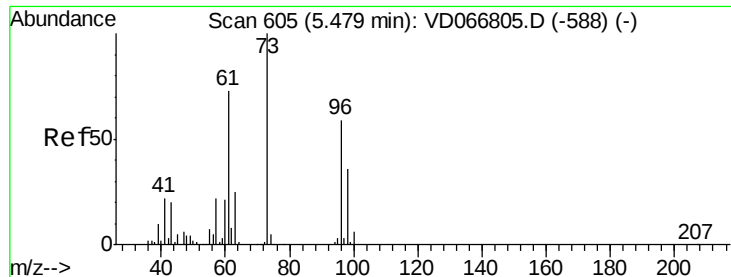
74 13.3 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

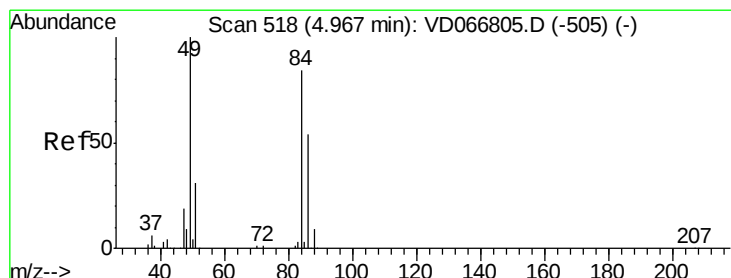
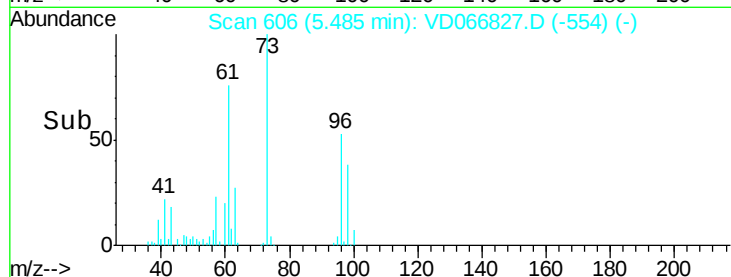
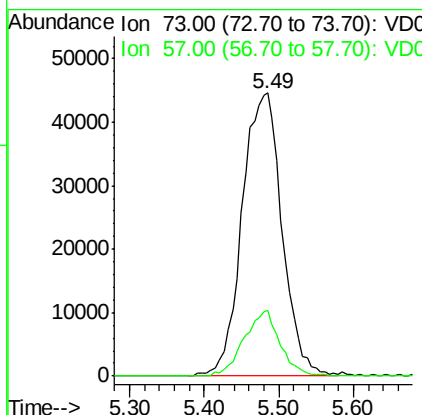
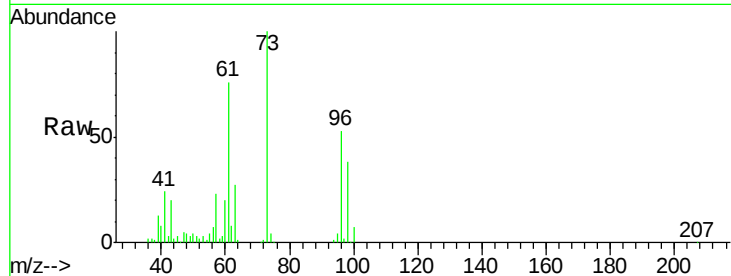




#19
Methyl tert-butyl Ether
Concen: 19.150 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

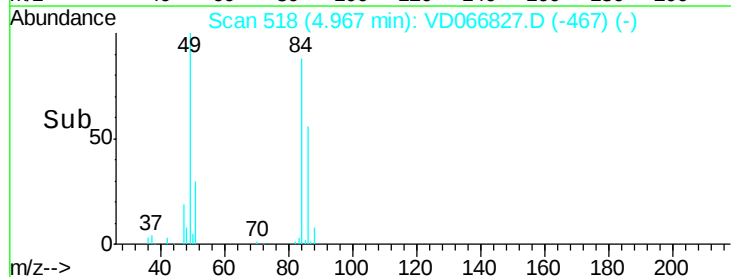
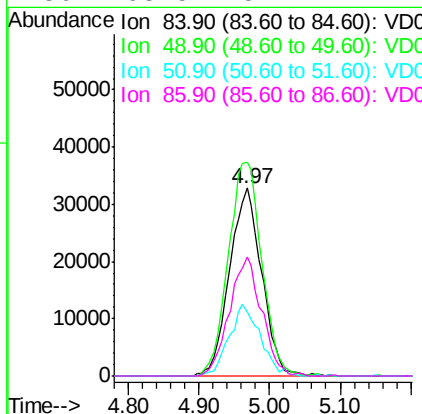
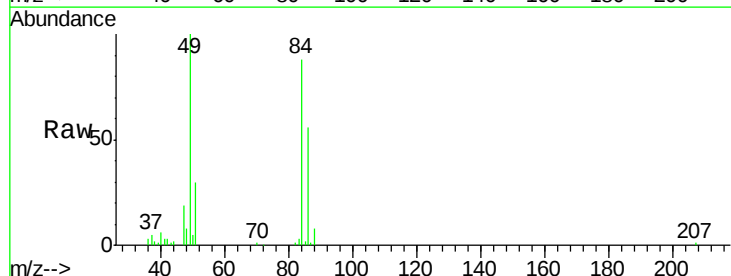
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

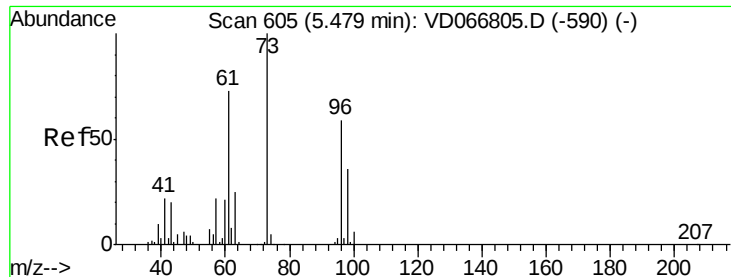
Tgt Ion: 73 Resp: 165415
Ion Ratio Lower Upper
73 100
57 23.3 17.4 26.2



#20
Methylene Chloride
Concen: 19.209 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion: 84 Resp: 103750
Ion Ratio Lower Upper
84 100
49 113.8 95.4 143.2
51 33.9 29.7 44.5
86 63.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.364 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBSD01

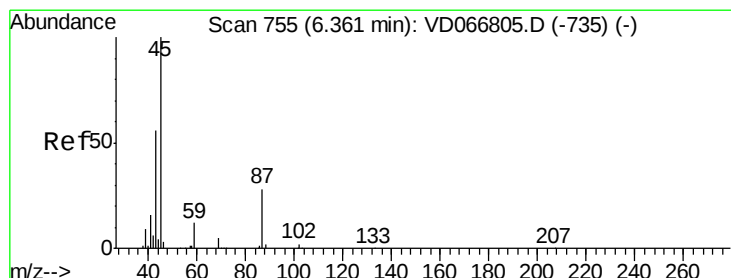
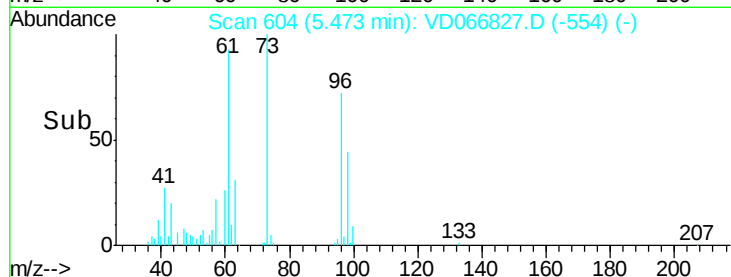
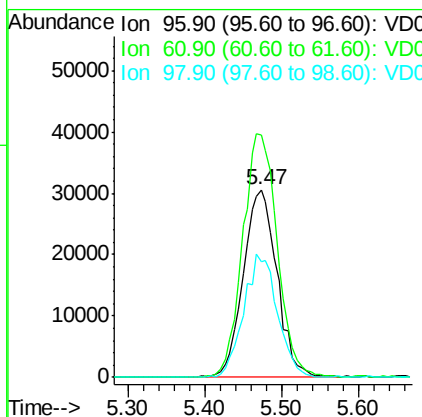
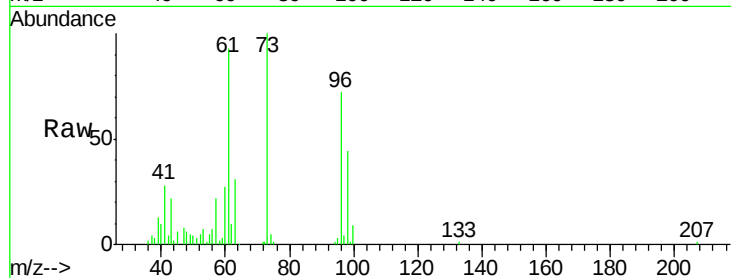
Tgt Ion: 96 Resp: 93785

Ion Ratio Lower Upper

96 100

61 129.3 98.9 148.3

98 61.5 48.4 72.6



#22

Diisopropyl ether

Concen: 20.571 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Tgt Ion: 45 Resp: 247034

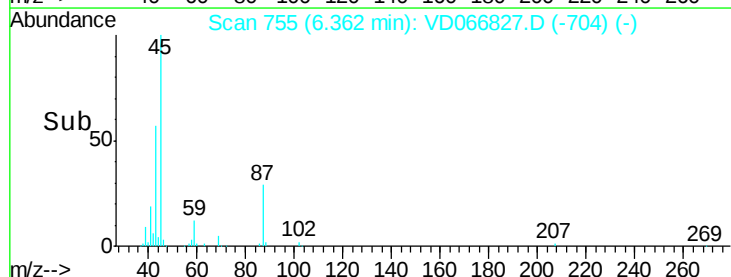
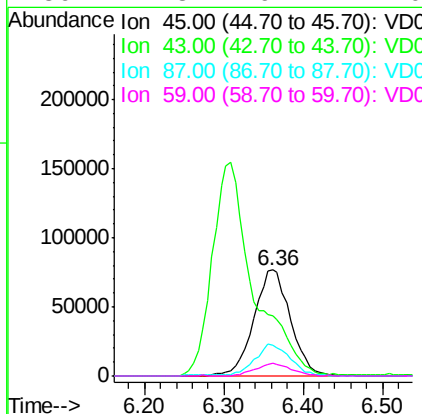
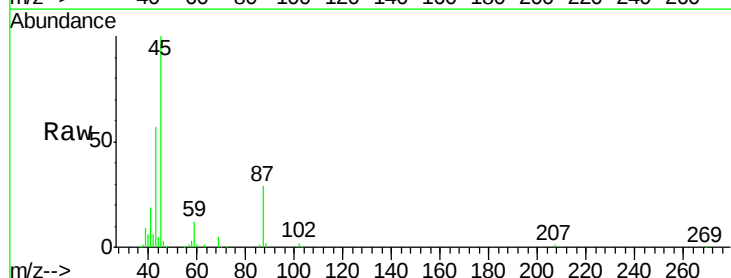
Ion Ratio Lower Upper

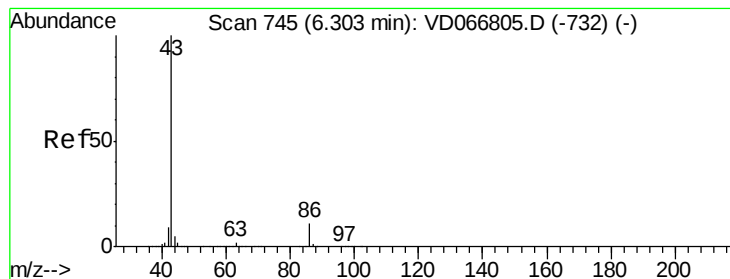
45 100

43 56.1 44.5 66.7

87 29.1 22.9 34.3

59 11.8 9.4 14.0





#23

Vinyl Acetate

Concen: 87.819 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

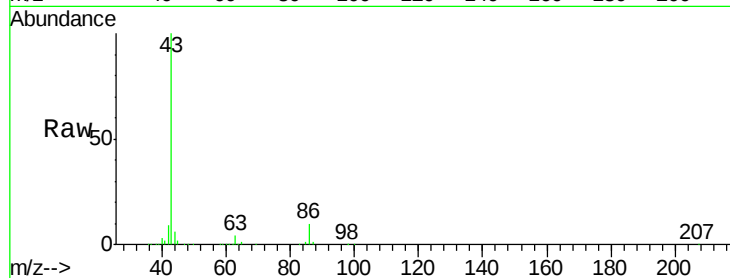
VD0923SBSD01

Tgt Ion: 43 Resp: 561147

Ion Ratio Lower Upper

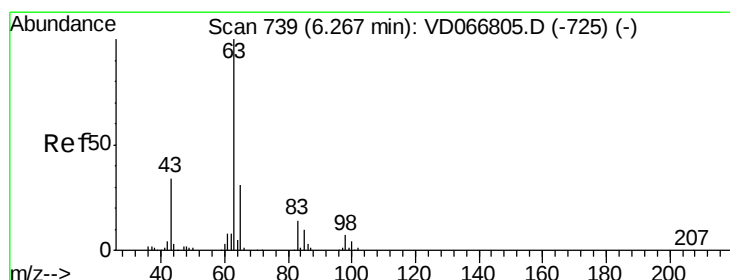
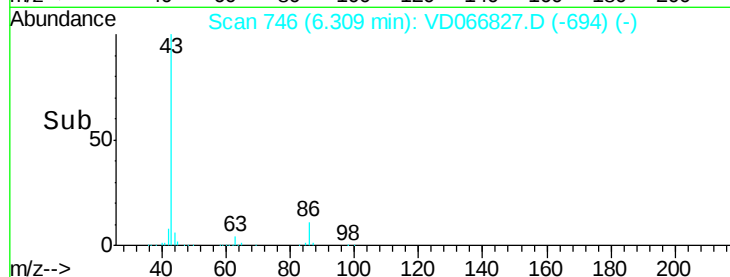
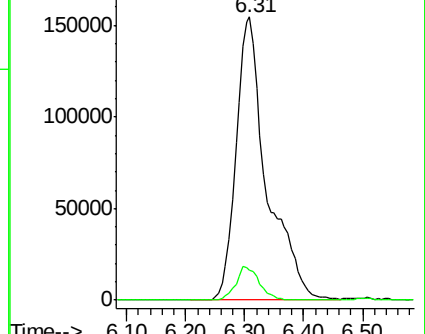
43 100

86 10.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.981 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

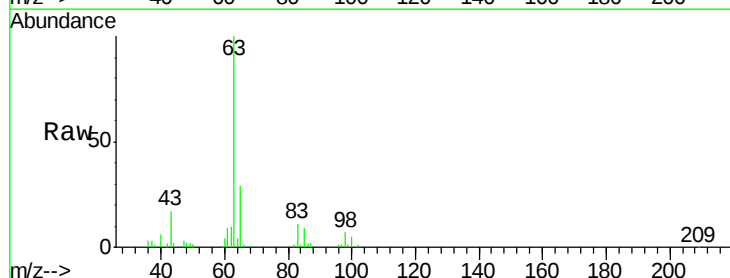
Tgt Ion: 63 Resp: 160524

Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

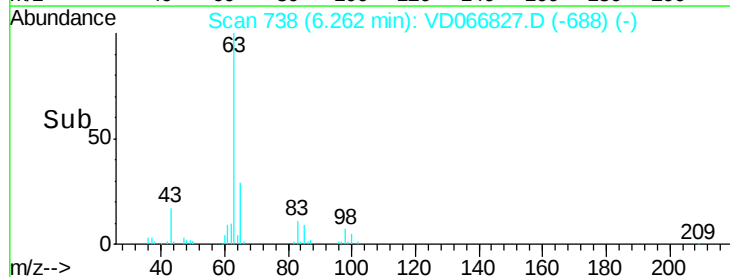
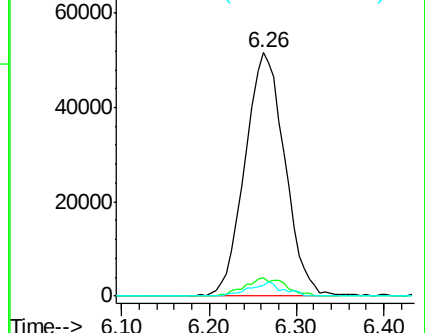
100 4.5 1.8 5.5

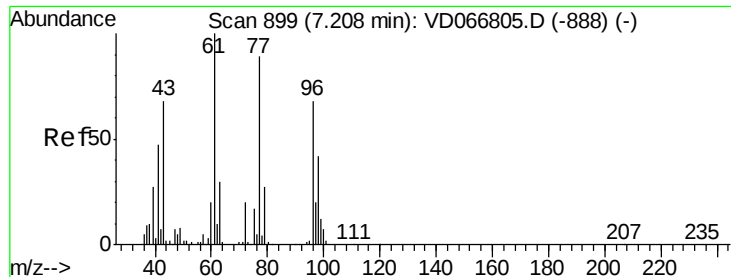


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 92.583 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

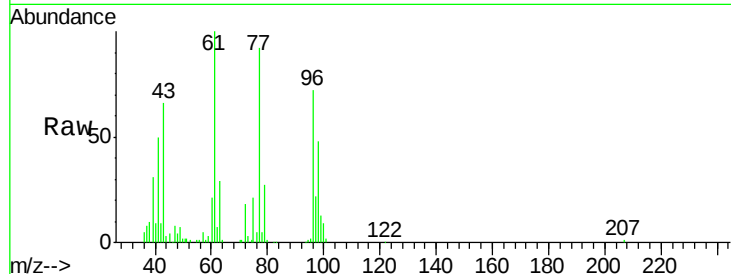
VD0923SBSD01

Tgt Ion: 43 Resp: 93832

Ion Ratio Lower Upper

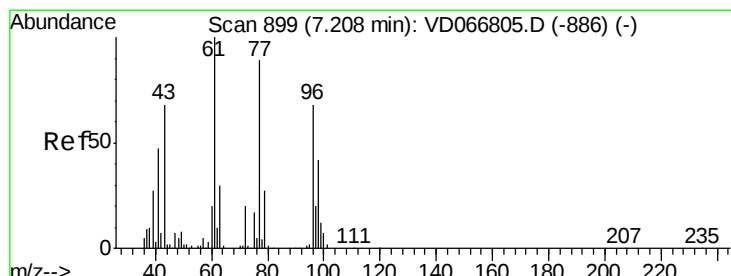
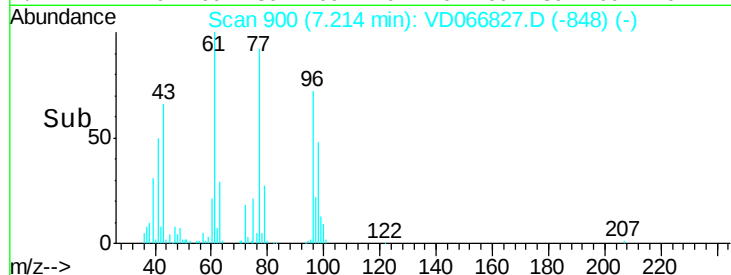
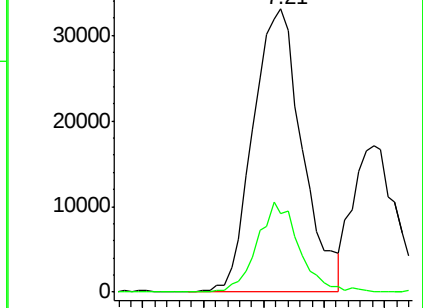
43 100

72 27.9 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.996 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066827.D

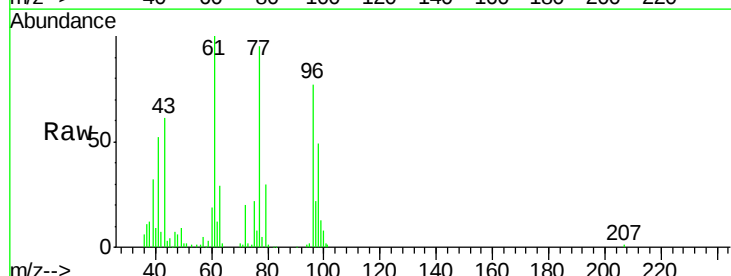
Acq: 23 Sep 2020 11:49

Tgt Ion: 77 Resp: 147237

Ion Ratio Lower Upper

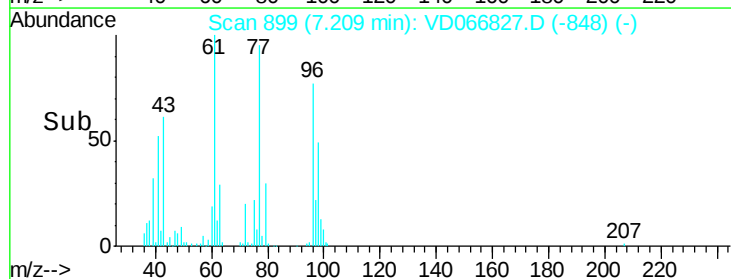
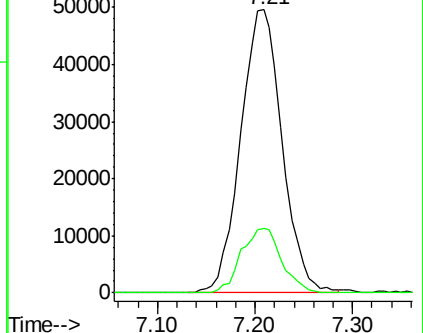
77 100

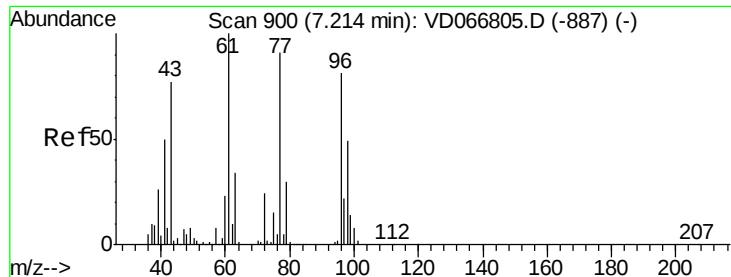
97 22.3 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 21.006 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBSD01

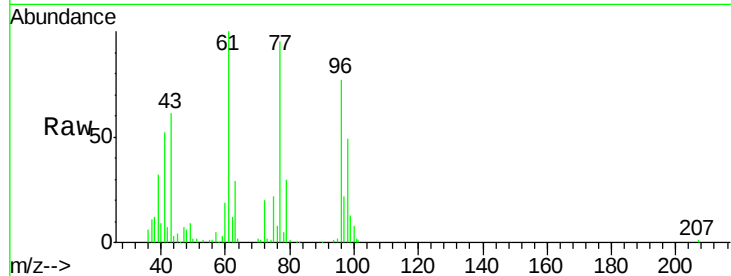
Tgt Ion: 96 Resp: 105114

Ion Ratio Lower Upper

96 100

61 136.5 0.0 283.8

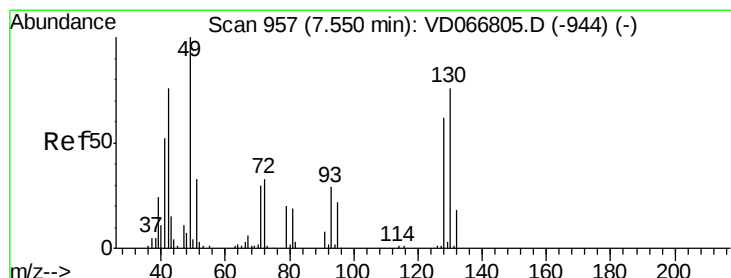
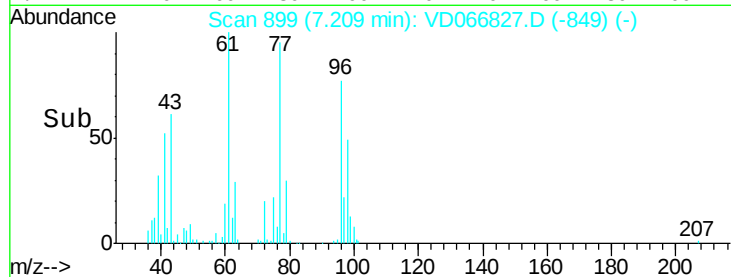
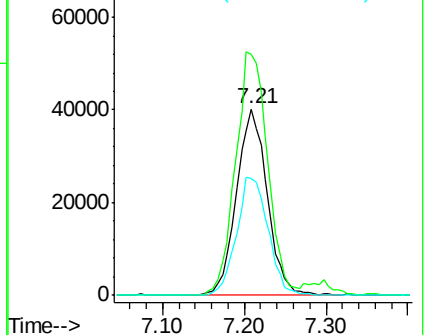
98 65.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 19.710 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

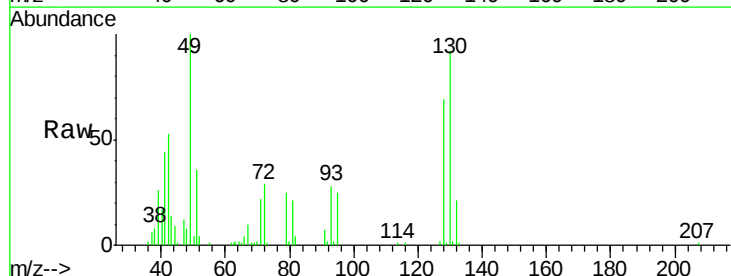
Tgt Ion: 49 Resp: 65415

Ion Ratio Lower Upper

49 100

129 1.6 0.0 2.0

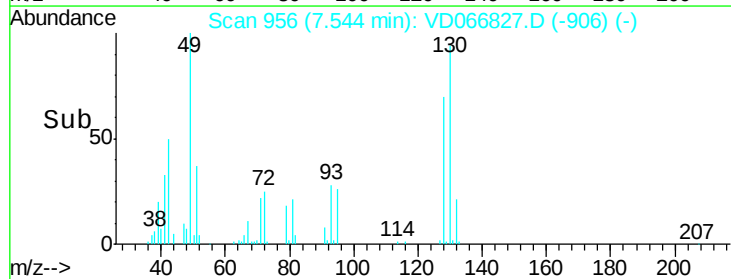
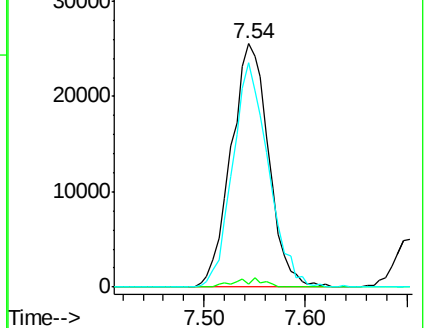
130 88.0 65.9 98.9

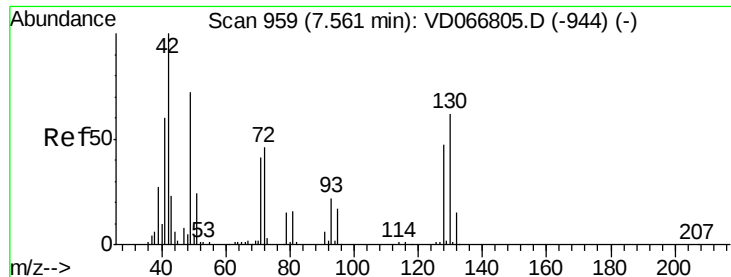


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

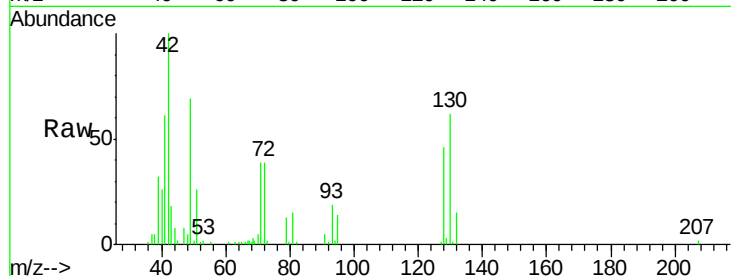




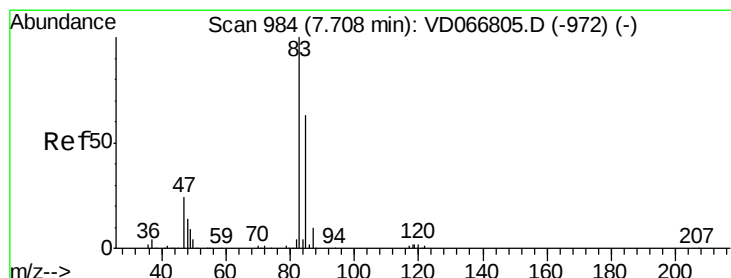
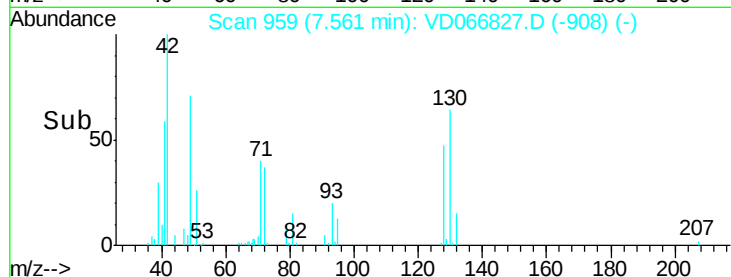
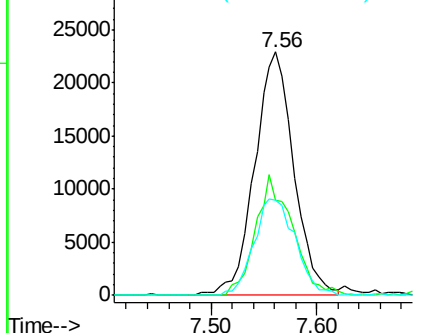
#29
Tetrahydrofuran
Concen: 90.997 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

Tgt Ion: 42 Resp: 59093
Ion Ratio Lower Upper
42 100
72 46.4 36.2 54.4
71 41.8 32.4 48.6

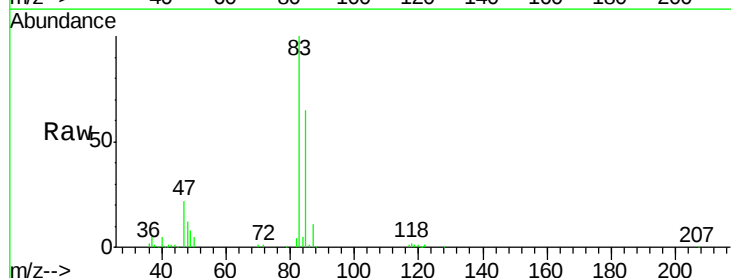


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

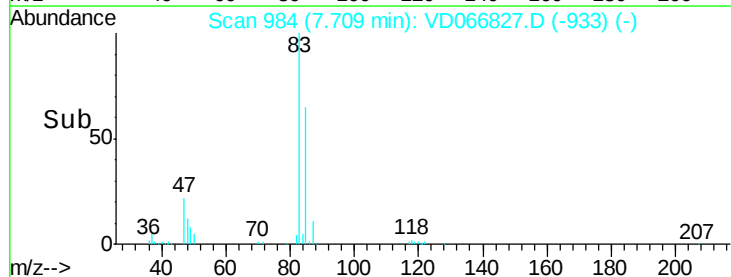
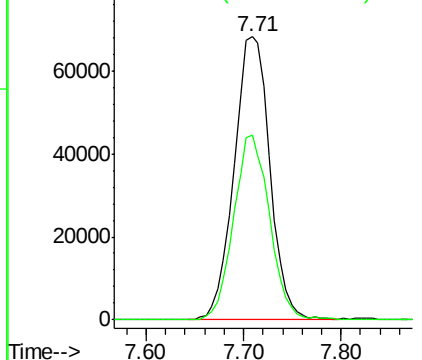


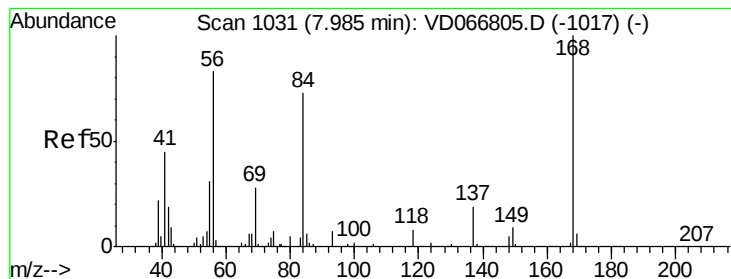
#30
Chloroform
Concen: 20.204 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion: 83 Resp: 174962
Ion Ratio Lower Upper
83 100
85 65.2 50.6 75.8



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





#31

Cyclohexane

Concen: 19.624 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBSD01

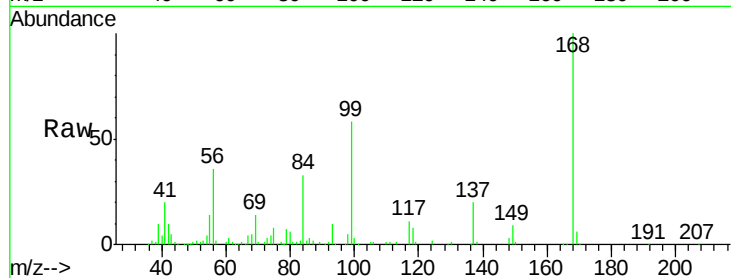
Tgt Ion: 56 Resp: 141853

Ion Ratio Lower Upper

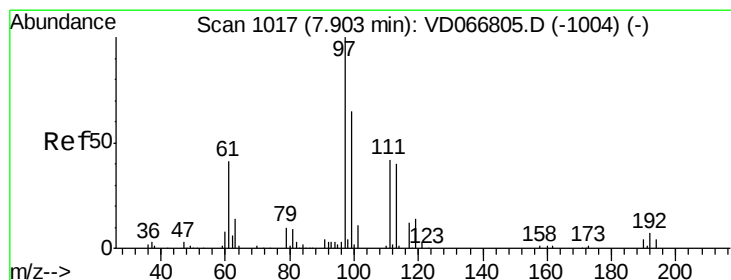
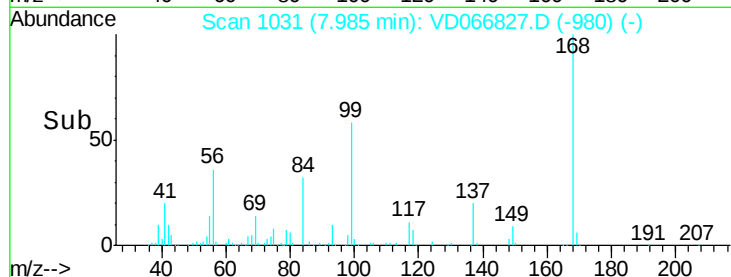
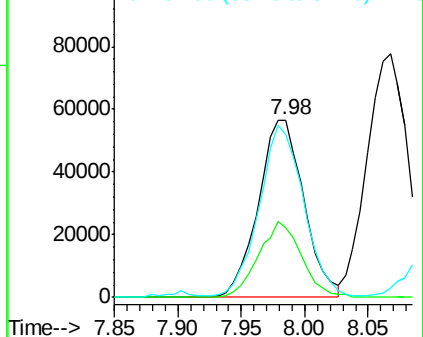
56 100

69 38.9 27.0 40.4

84 90.0 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: 20.666 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

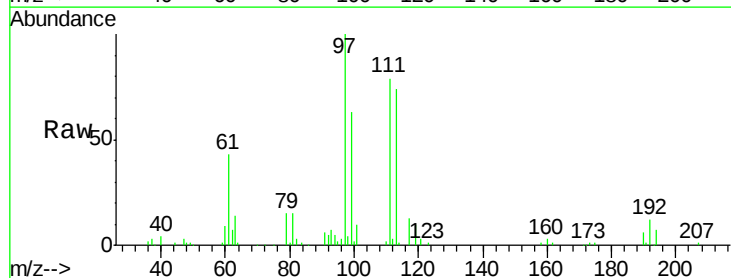
Tgt Ion: 97 Resp: 161895

Ion Ratio Lower Upper

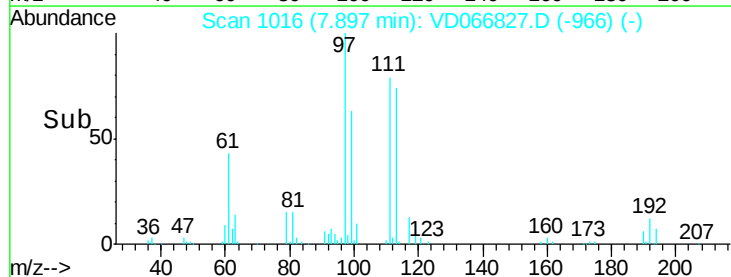
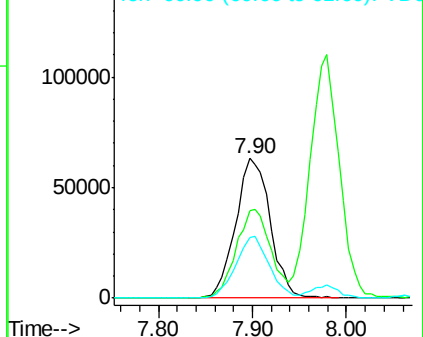
97 100

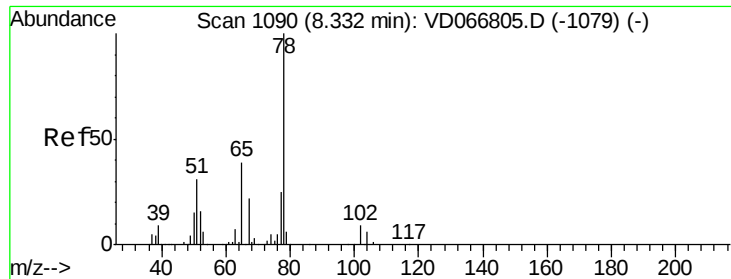
99 63.7 51.5 77.3

61 42.4 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

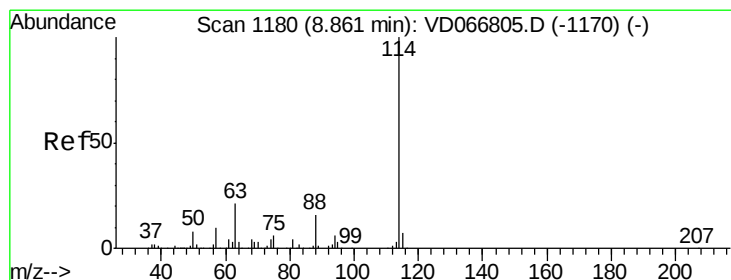
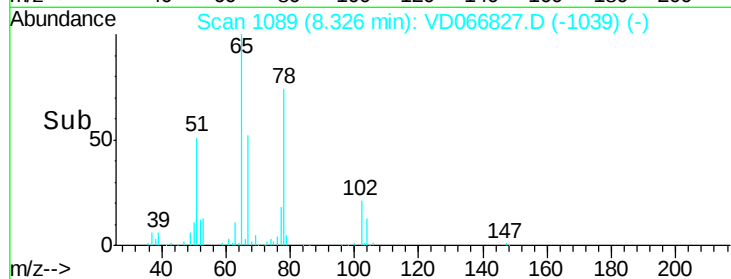
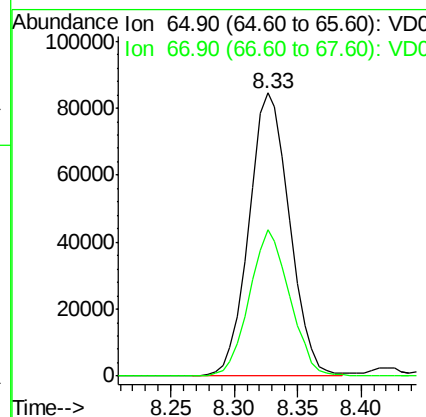
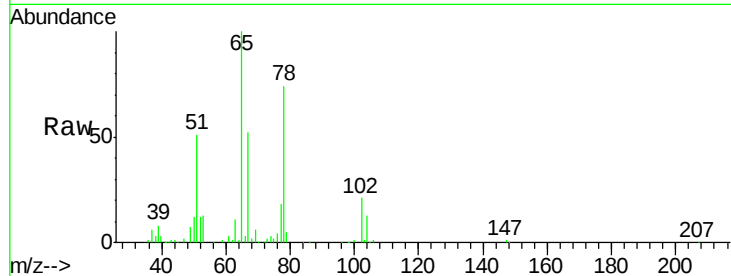




#33
 1,2-Dichloroethane-d4
 Concen: 47.439 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

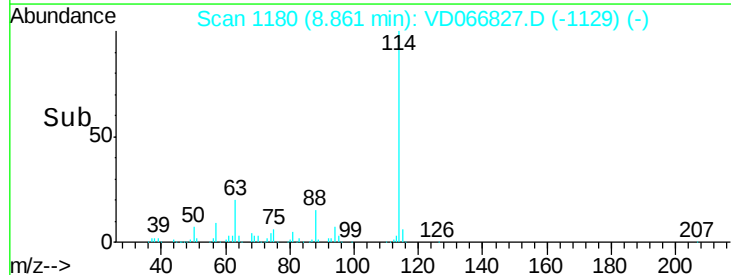
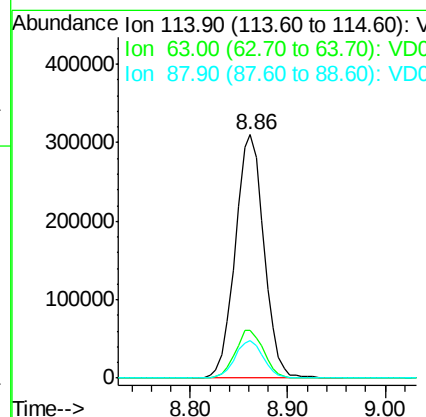
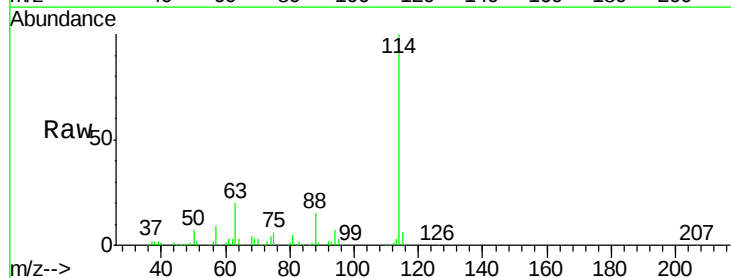
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBSD01

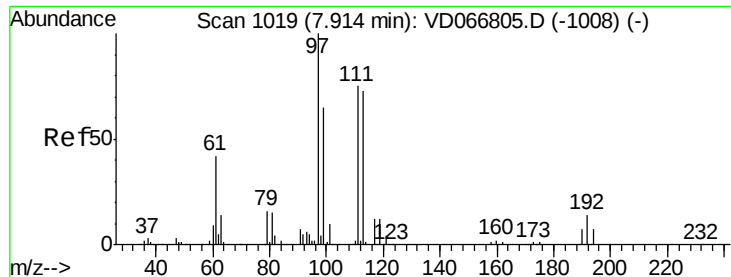
Tgt Ion: 65 Resp: 188599
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

Tgt Ion: 114 Resp: 633008
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.6
 88 15.4 0.0 32.6

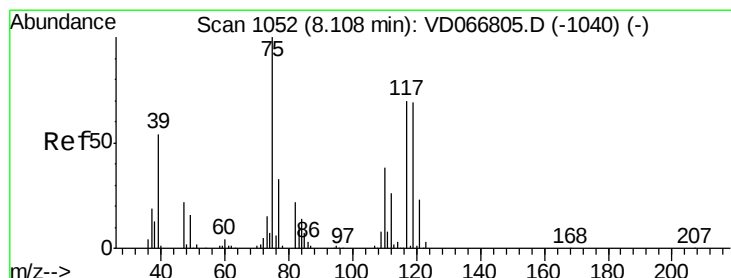
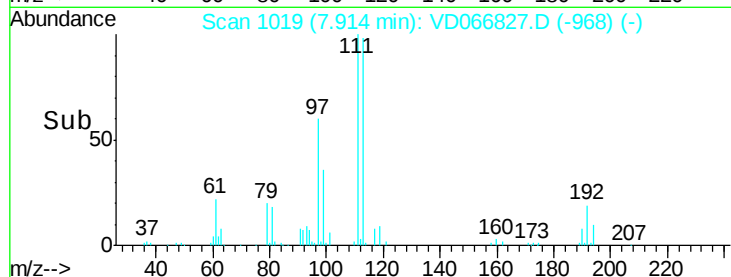
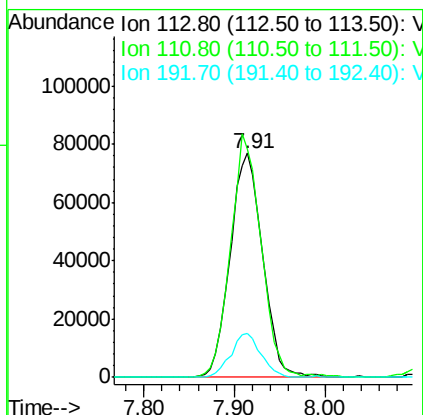
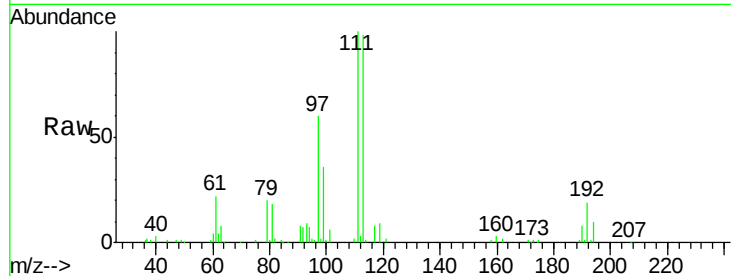




#35
 Dibromofluoromethane
 Concen: 47.729 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

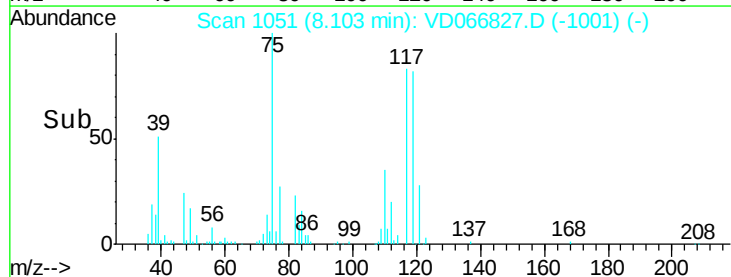
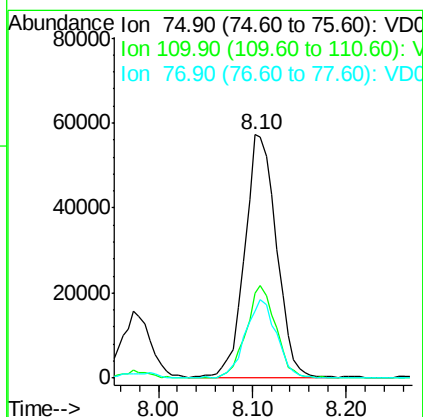
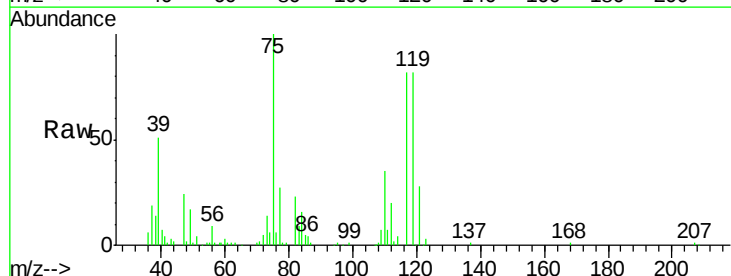
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBSD01

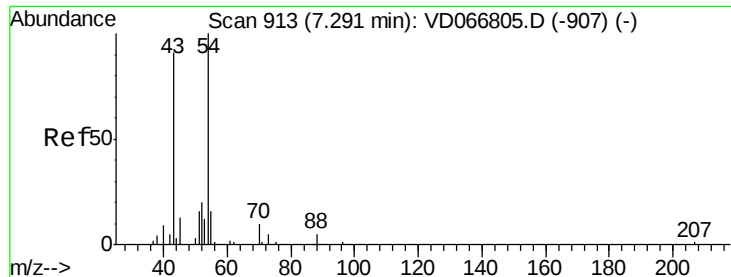
Tgt Ion: 113 Resp: 192213
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.8
 192 18.2 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 21.484 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

Tgt Ion: 75 Resp: 134920
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.9 53.8
 77 31.5 25.0 37.6

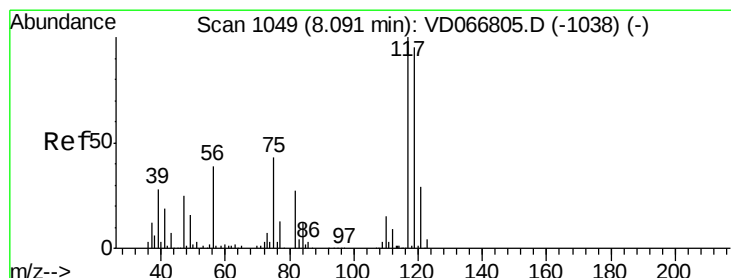
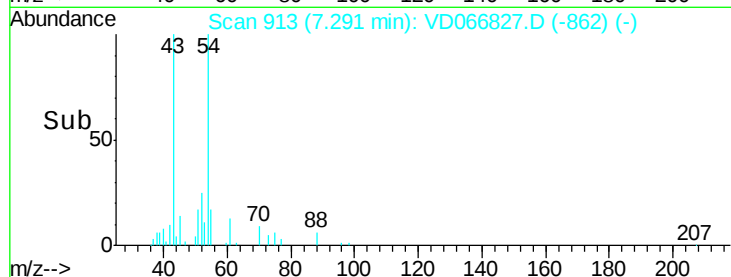
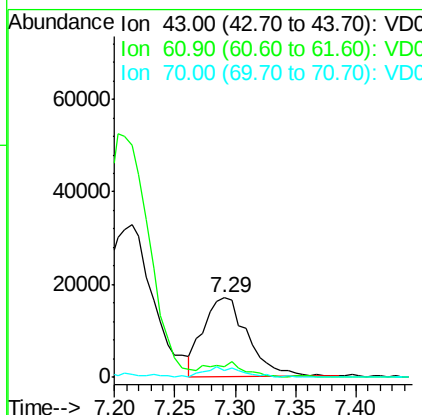
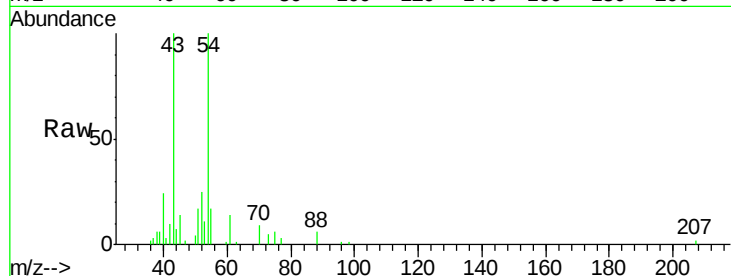




#37
Ethyl Acetate
Concen: 18.855 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

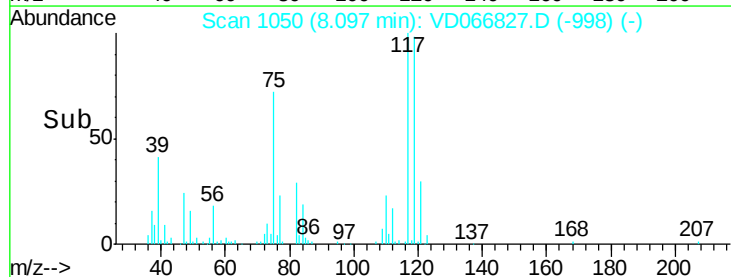
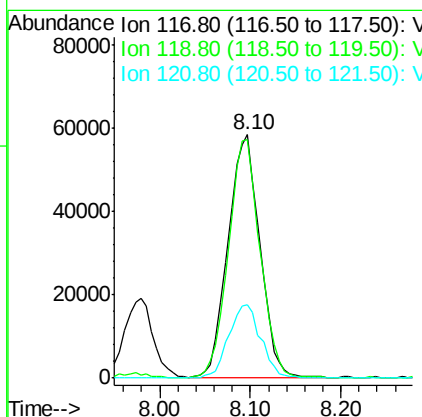
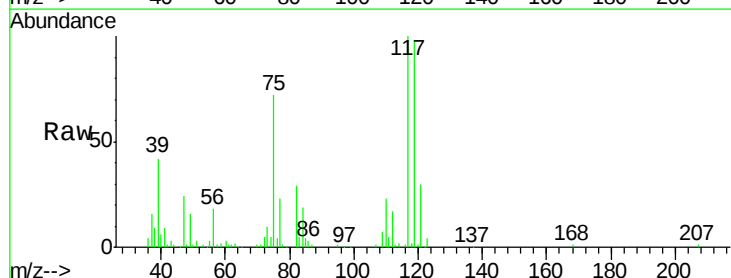
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

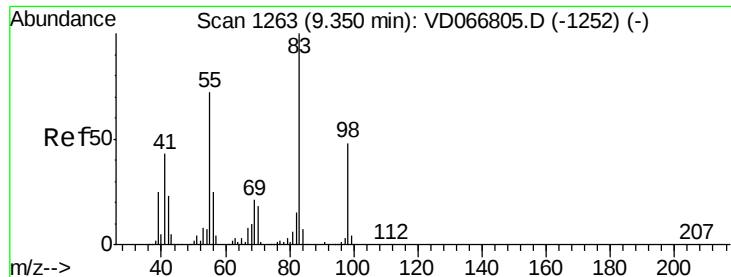
Tgt Ion: 43 Resp: 42806
Ion Ratio Lower Upper
43 100
61 14.4 9.8 14.8
70 11.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.751 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion: 117 Resp: 142474
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8
121 30.4 23.4 35.0

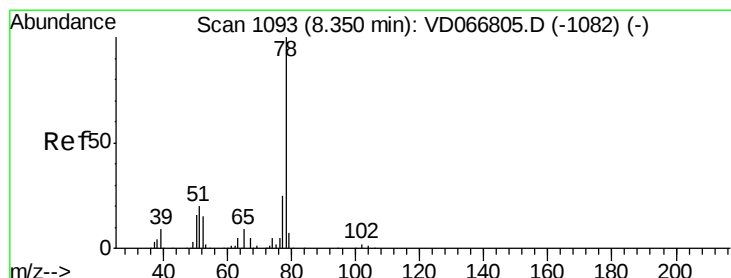
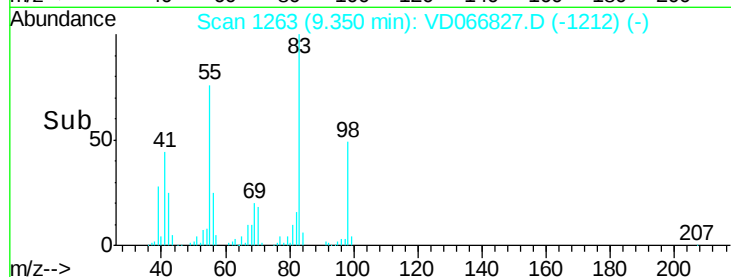
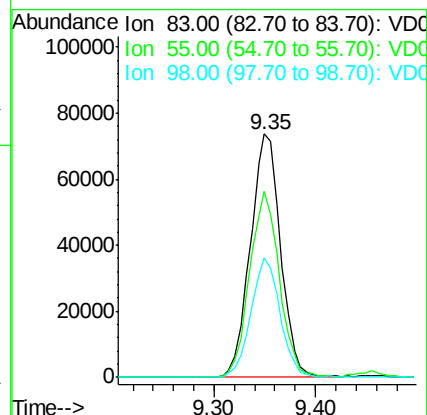
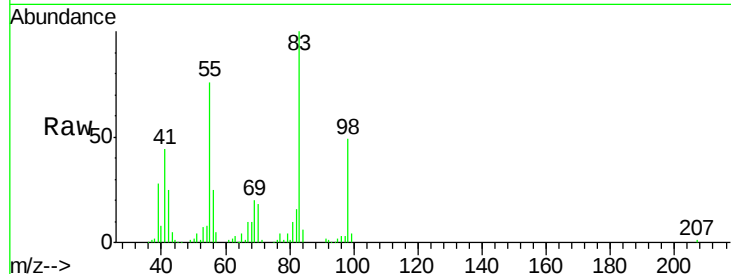




#39
Methylcyclohexane
Concen: 21.141 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

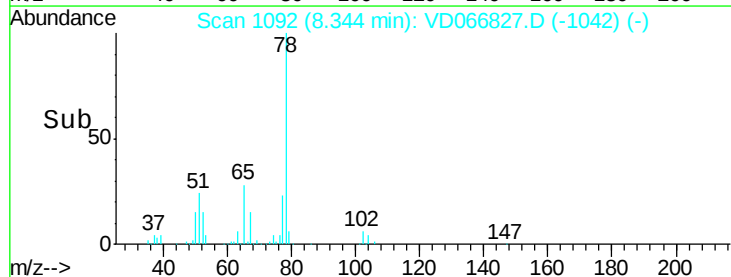
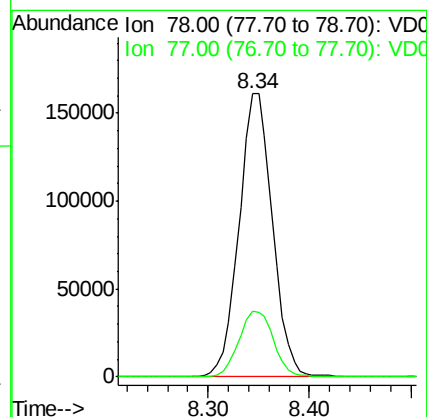
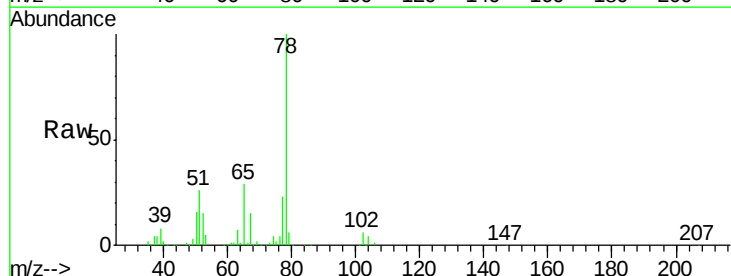
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

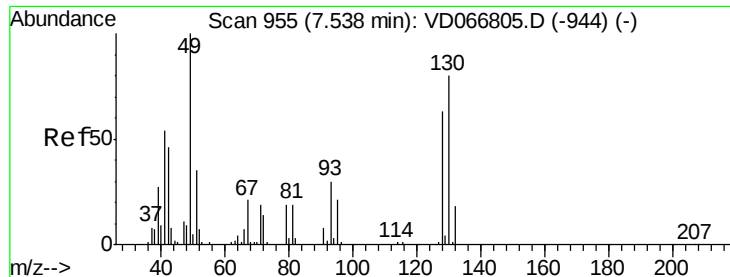
Tgt Ion: 83 Resp: 152435
Ion Ratio Lower Upper
83 100
55 76.3 57.7 86.5
98 48.9 38.4 57.6



#40
Benzene
Concen: 21.034 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion: 78 Resp: 368136
Ion Ratio Lower Upper
78 100
77 23.5 19.9 29.9





#41

Methacrylonitrile

Concen: 43.795 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBSD01

Tgt Ion: 41 Resp: 61144

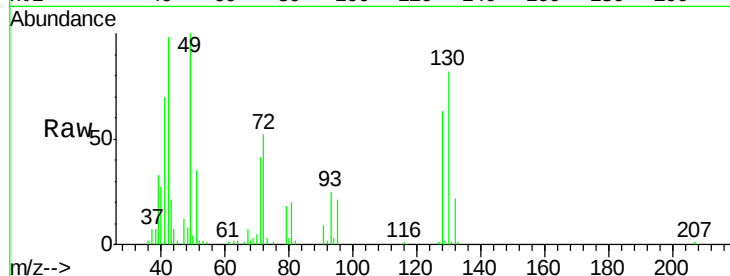
Ion Ratio Lower Upper

41 100

39 54.4 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

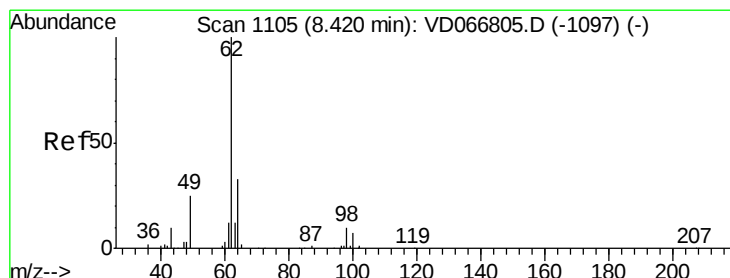
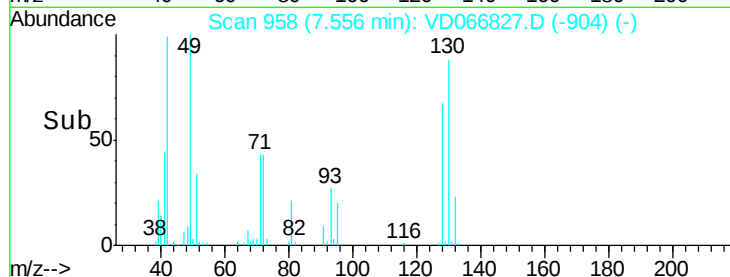
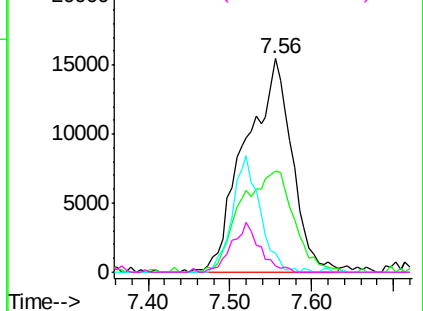


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 19.825 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066827.D

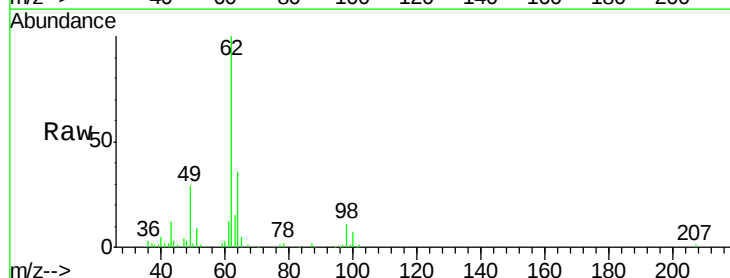
Acq: 23 Sep 2020 11:49

Tgt Ion: 62 Resp: 102576

Ion Ratio Lower Upper

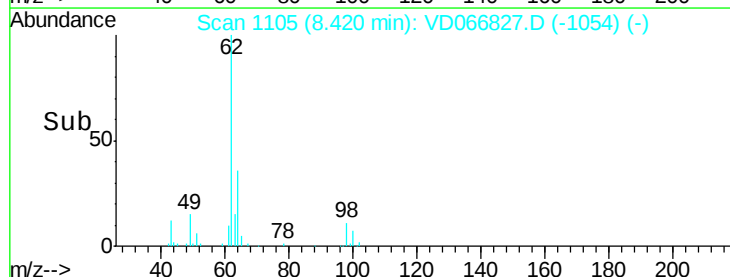
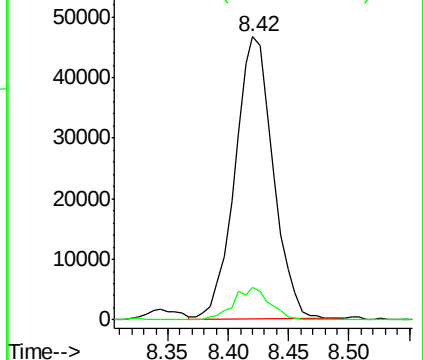
62 100

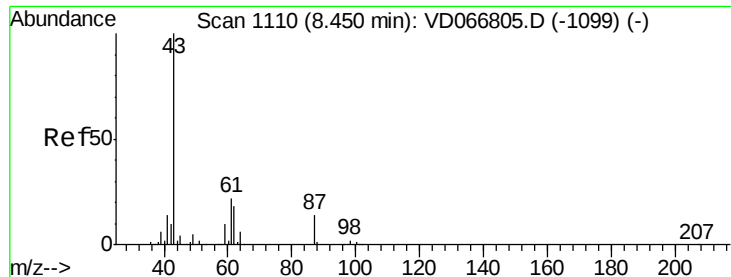
98 10.8 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.204 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBSD01

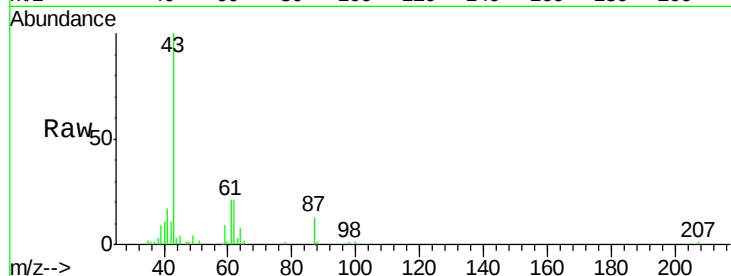
Tgt Ion: 43 Resp: 84057

Ion Ratio Lower Upper

43 100

61 32.8 26.2 39.4

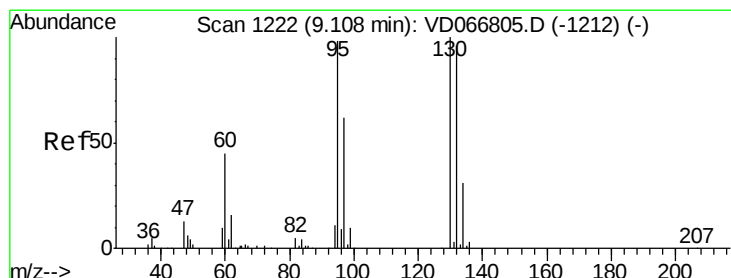
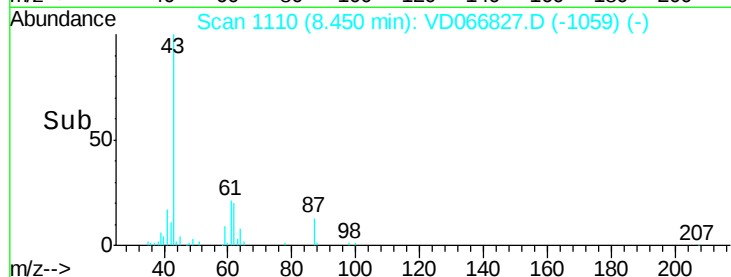
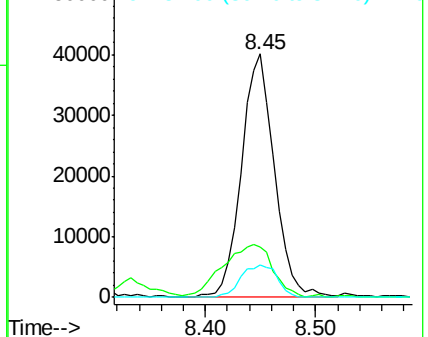
87 14.7 11.5 17.3



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: 21.151 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066827.D

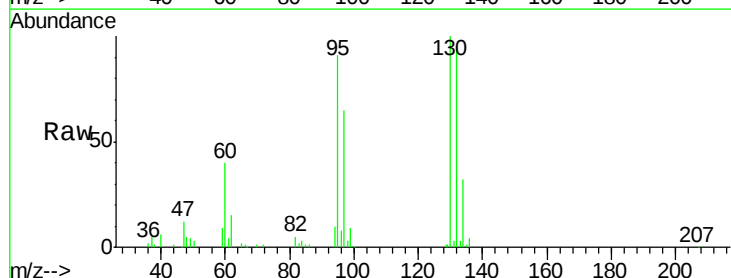
Acq: 23 Sep 2020 11:49

Tgt Ion: 130 Resp: 105515

Ion Ratio Lower Upper

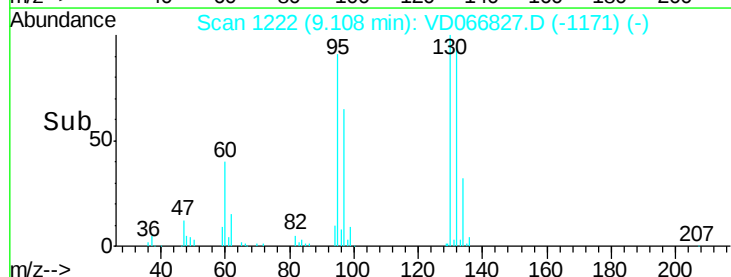
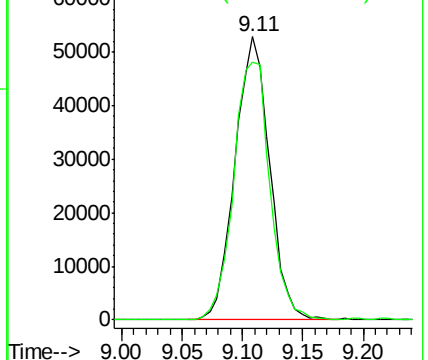
130 100

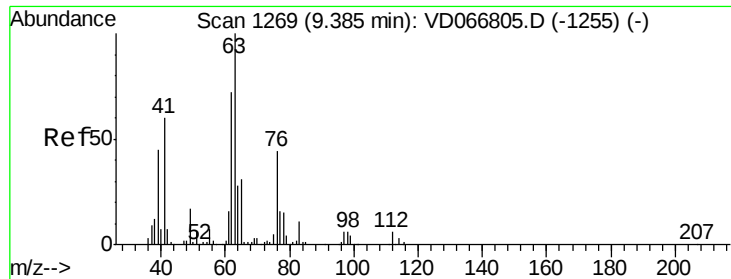
95 91.1 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.890 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

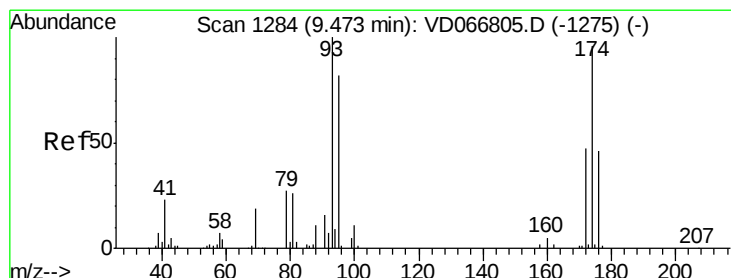
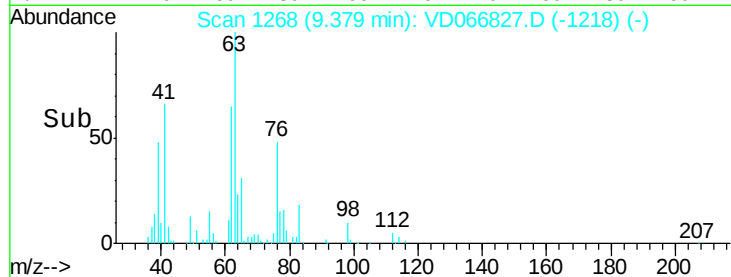
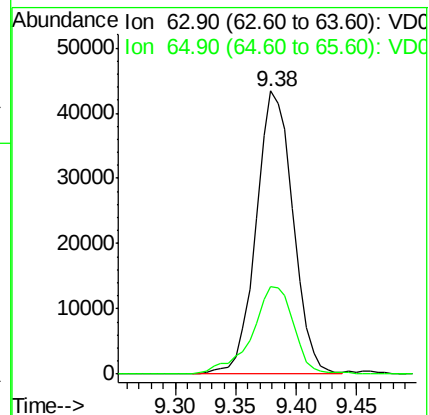
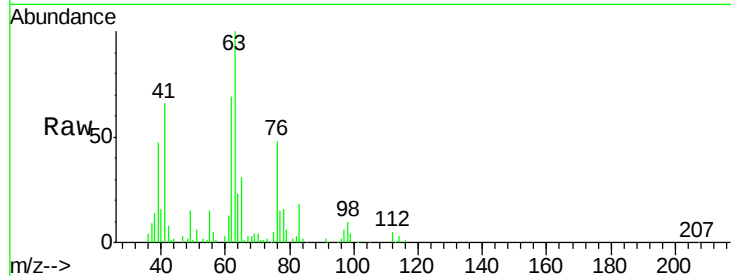
VD0923SBSD01

Tgt Ion: 63 Resp: 91991

Ion Ratio Lower Upper

63 100

65 31.1 24.7 37.1



#46

Dibromomethane

Concen: 19.896 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

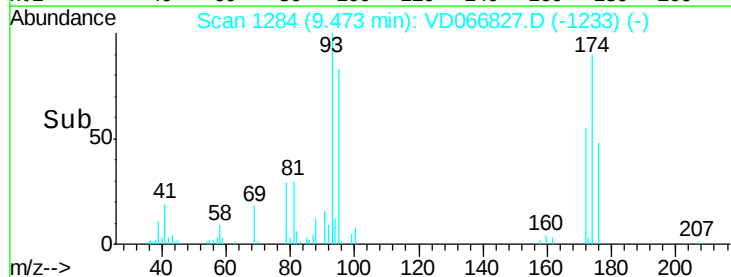
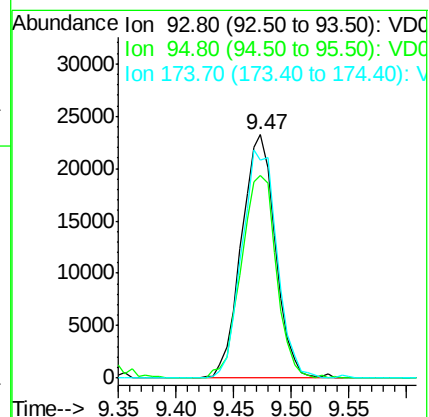
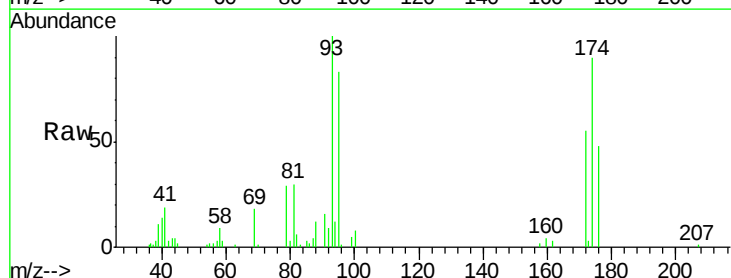
Tgt Ion: 93 Resp: 47603

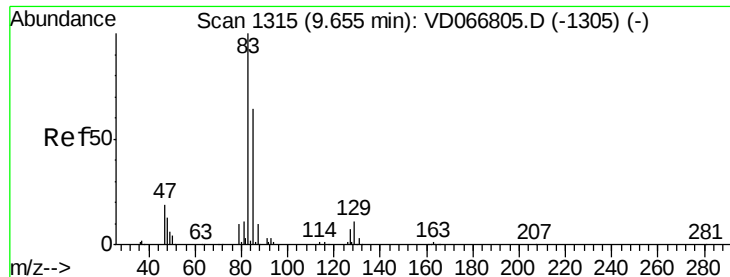
Ion Ratio Lower Upper

93 100

95 85.5 65.3 97.9

174 96.6 75.4 113.2

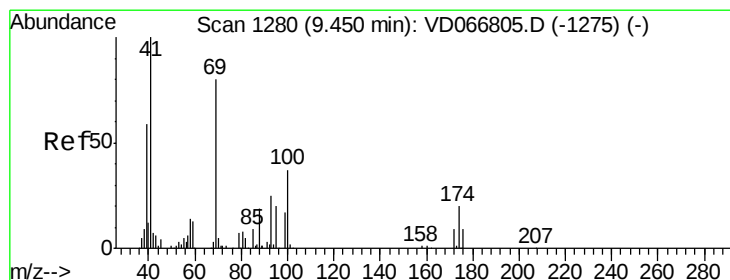
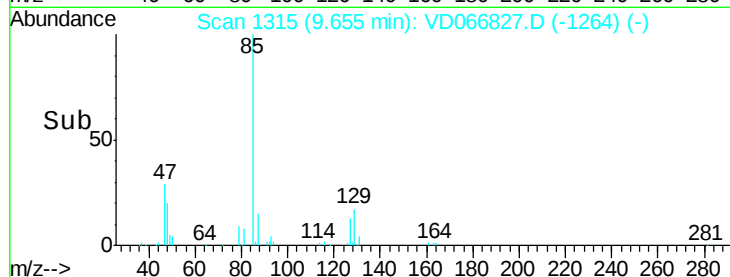
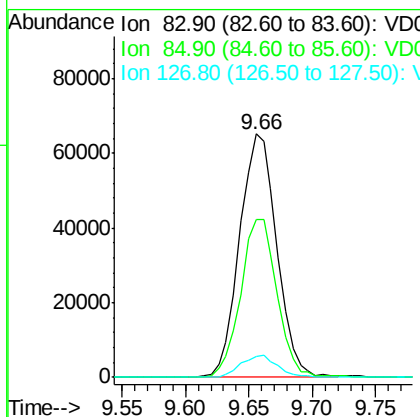
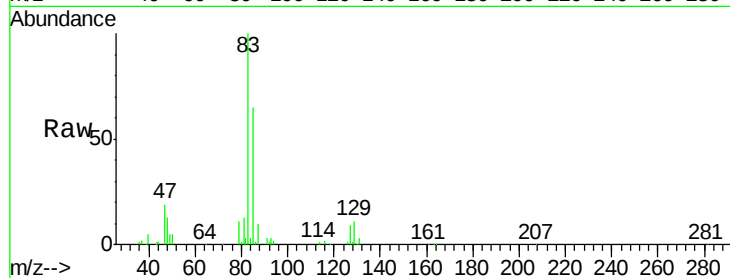




#47
Bromodichloromethane
Concen: 20.734 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

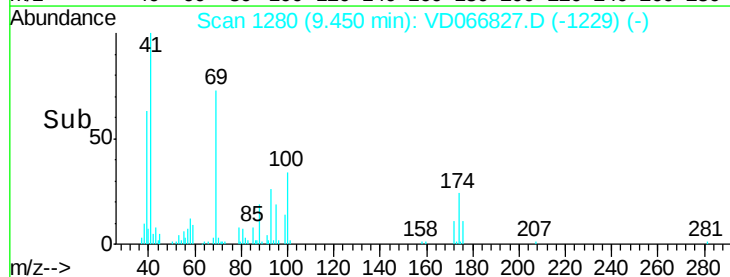
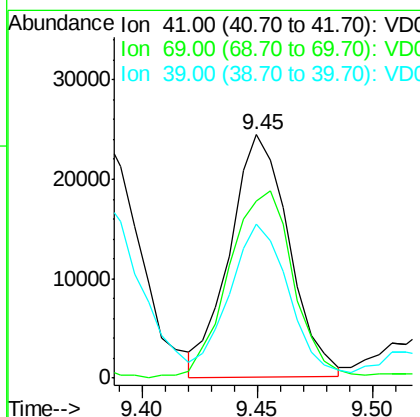
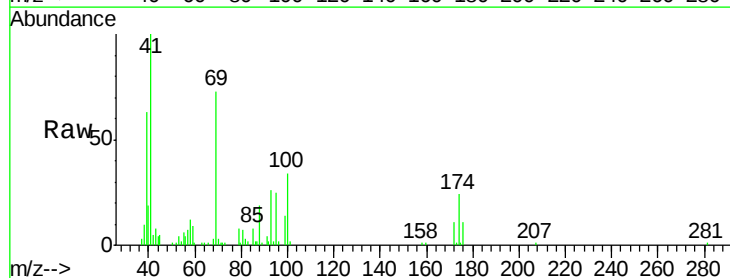
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

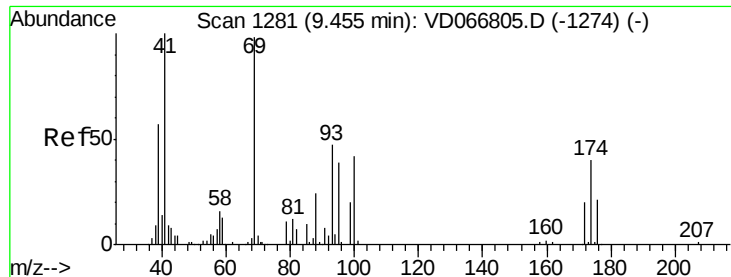
Tgt Ion: 83 Resp: 133258
Ion Ratio Lower Upper
83 100
85 65.0 50.9 76.3
127 8.6 5.9 8.9



#48
Methyl methacrylate
Concen: 20.250 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion: 41 Resp: 43699
Ion Ratio Lower Upper
41 100
69 84.5 74.5 111.7
39 59.1 47.0 70.6

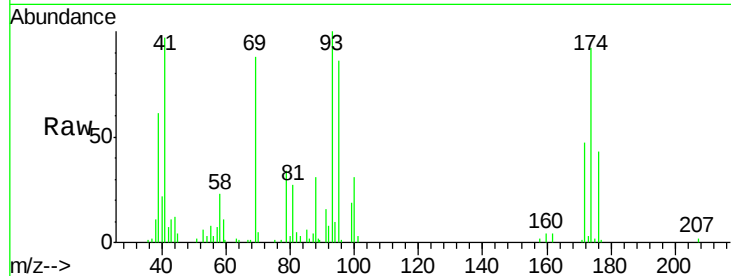




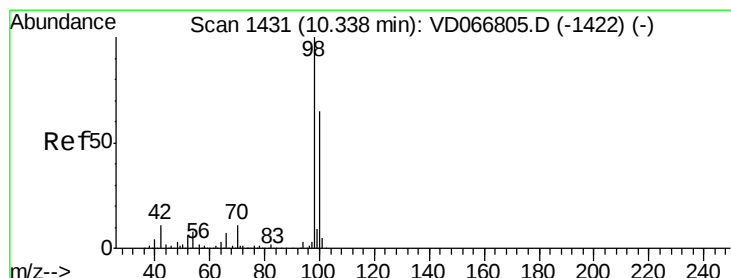
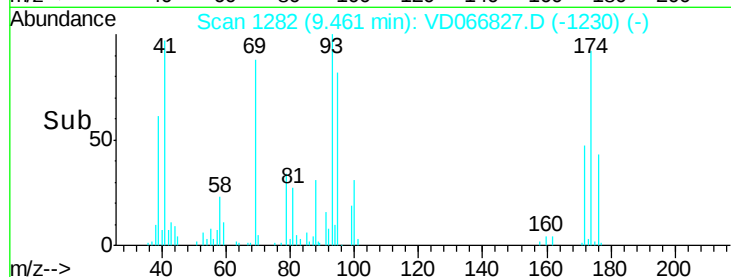
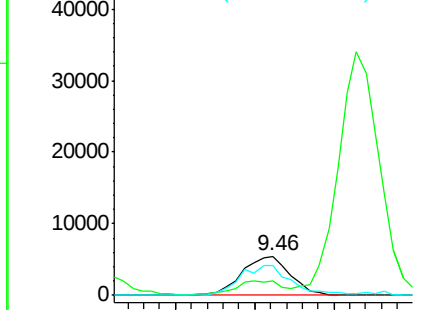
#49
1,4-Dioxane
Concen: 357.874 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

Tgt Ion: 88 Resp: 11518
Ion Ratio Lower Upper
88 100
43 38.0 27.7 41.5
58 81.1 55.5 83.3

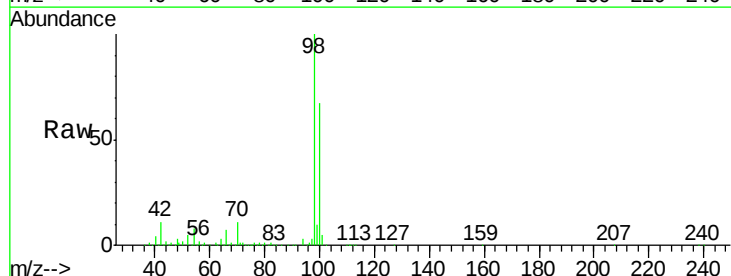


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

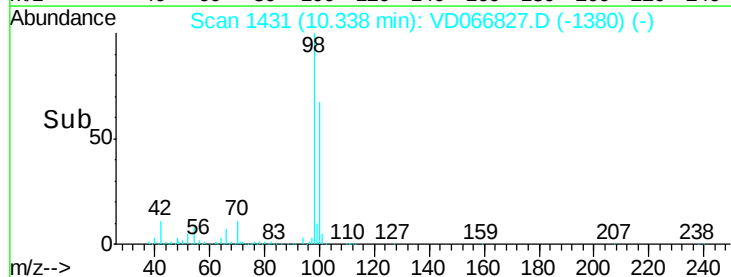
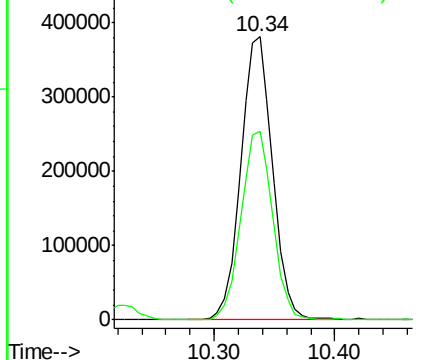


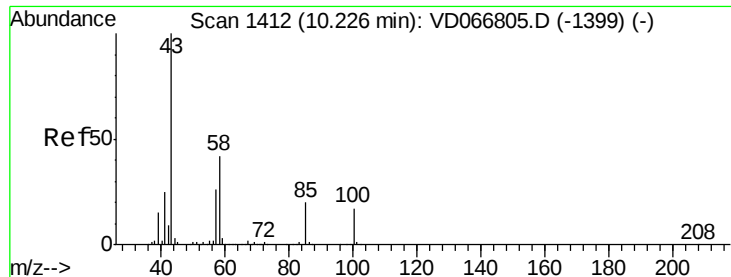
#50
Toluene-d8
Concen: 50.792 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion: 98 Resp: 696941
Ion Ratio Lower Upper
98 100
100 66.8 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: 96.281 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

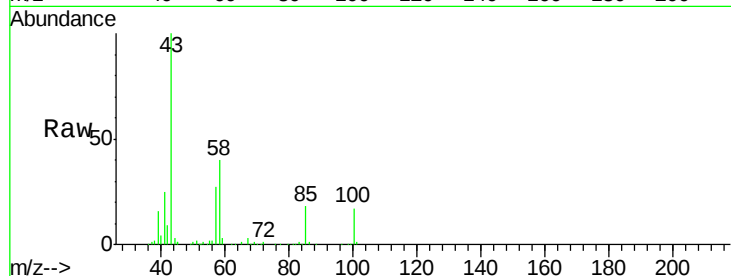
VD0923SBSD01

Tgt Ion: 43 Resp: 213534

Ion Ratio Lower Upper

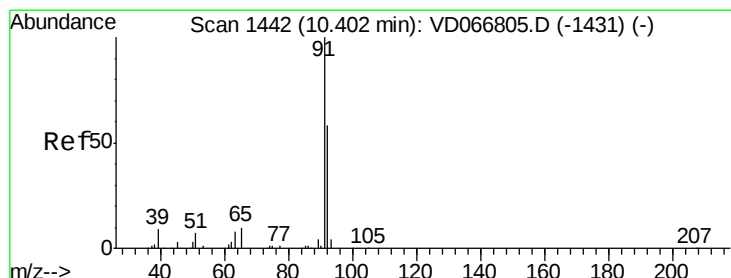
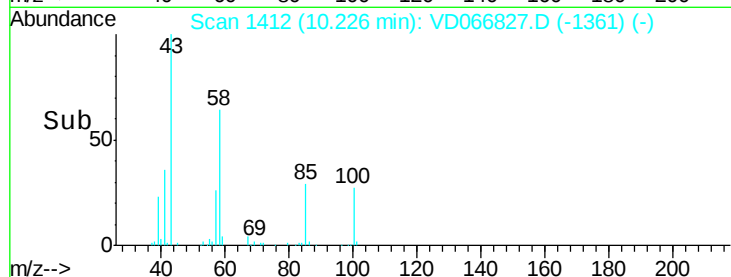
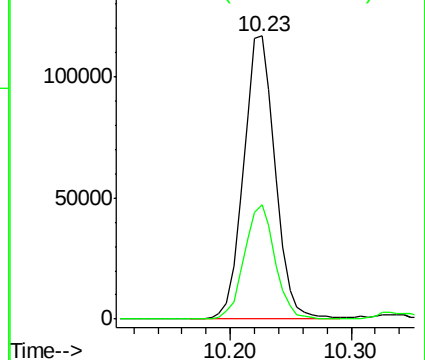
43 100

58 39.2 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: 20.927 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066827.D

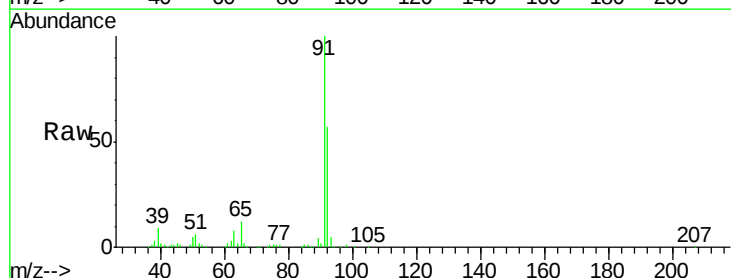
Acq: 23 Sep 2020 11:49

Tgt Ion: 92 Resp: 235929

Ion Ratio Lower Upper

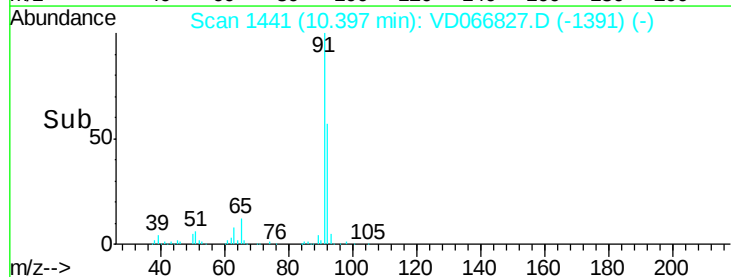
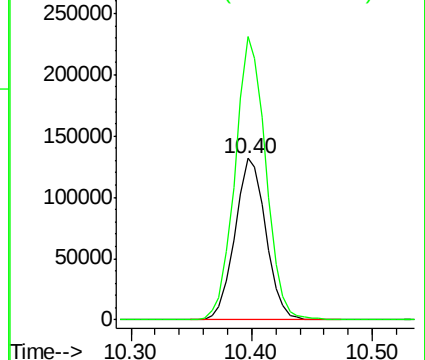
92 100

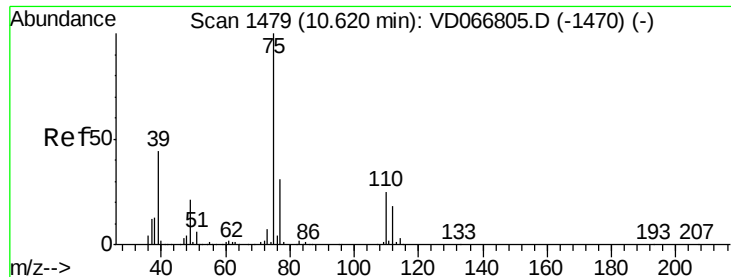
91 174.1 134.6 202.0



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: 19.712 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

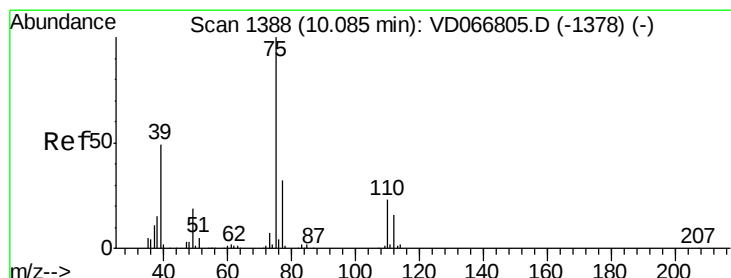
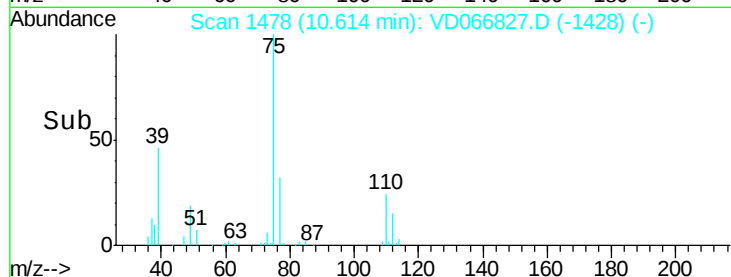
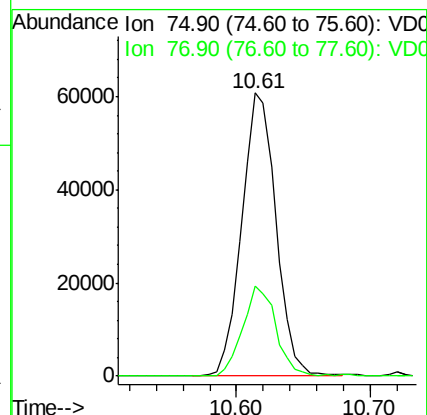
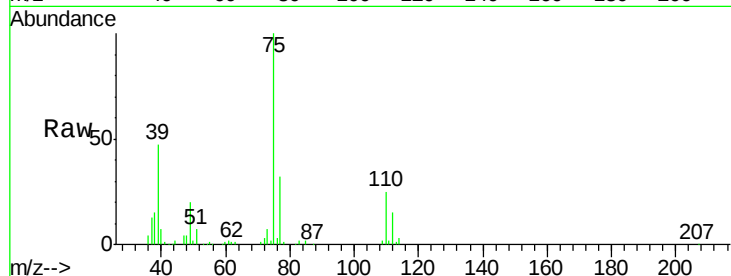
VD0923SBS01

Tgt Ion: 75 Resp: 107831

Ion Ratio Lower Upper

75 100

77 31.9 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 19.642 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

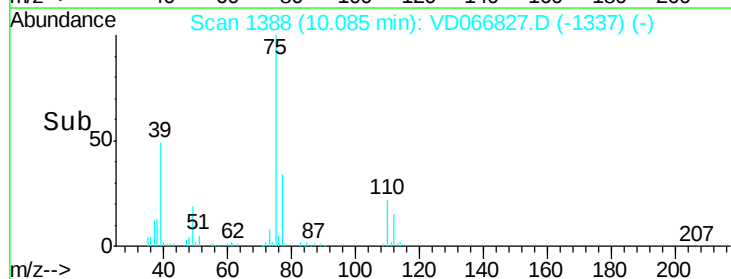
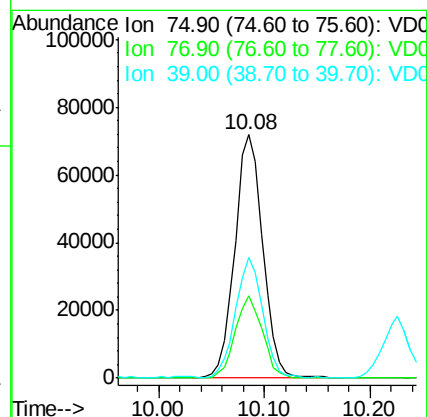
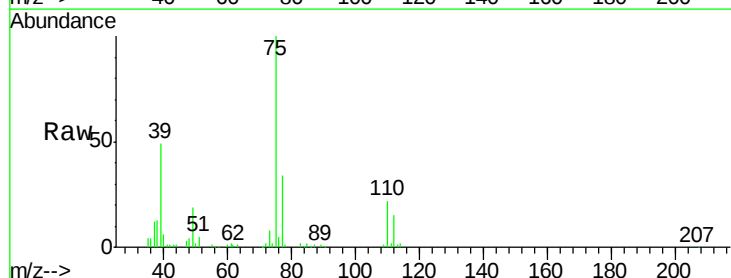
Tgt Ion: 75 Resp: 131018

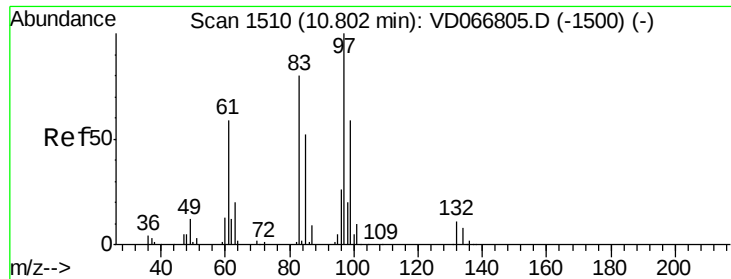
Ion Ratio Lower Upper

75 100

77 33.7 25.6 38.4

39 49.4 39.2 58.8

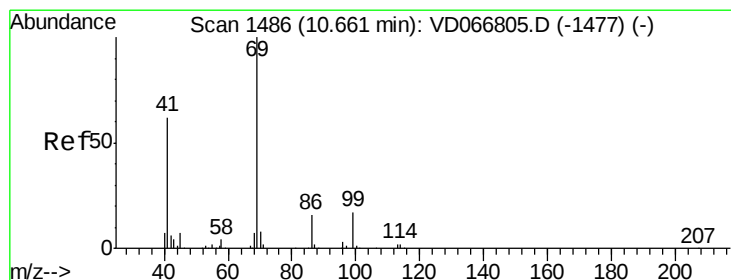
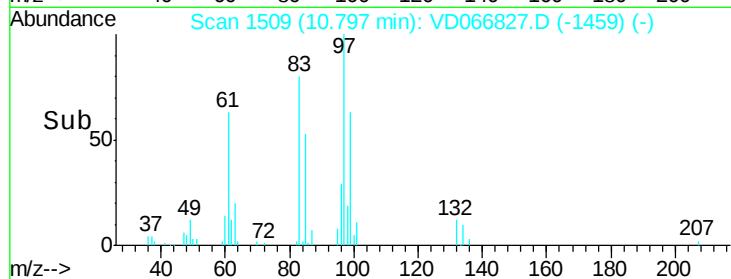
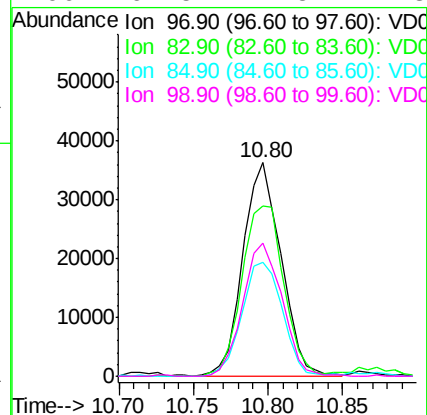
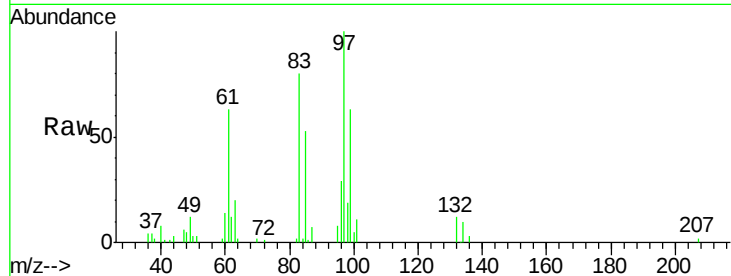




#55
 1,1,2-Trichloroethane
 Concen: 19.600 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

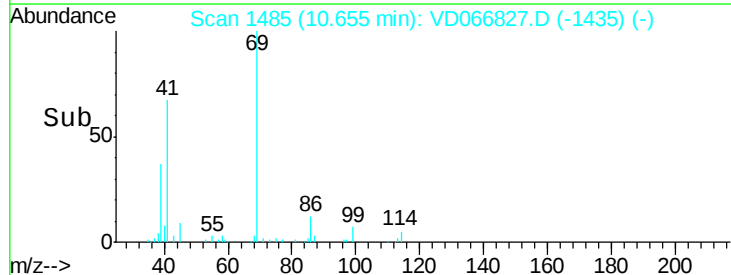
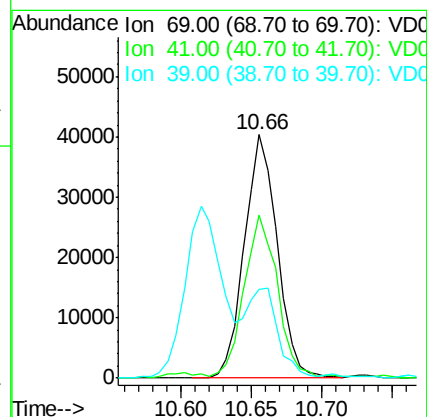
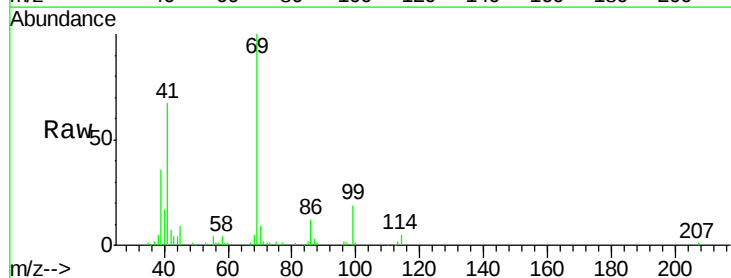
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBSD01

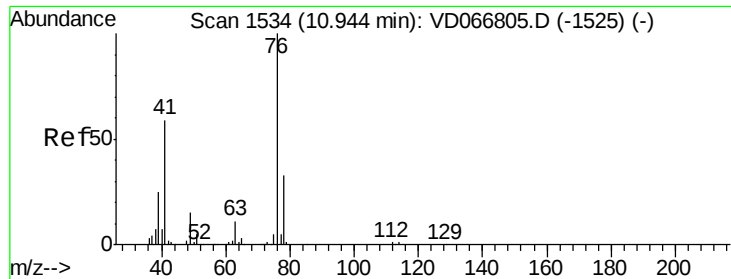
Tgt Ion:	97	Resp:	64466
Ion	Ratio	Lower	Upper
97	100		
83	79.7	64.2	96.2
85	53.1	41.9	62.9
99	62.5	47.5	71.3



#56
 Ethyl methacrylate
 Concen: 18.698 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

Tgt Ion:	69	Resp:	65883
Ion	Ratio	Lower	Upper
69	100		
41	67.4	52.2	78.2
39	31.0	26.6	40.0

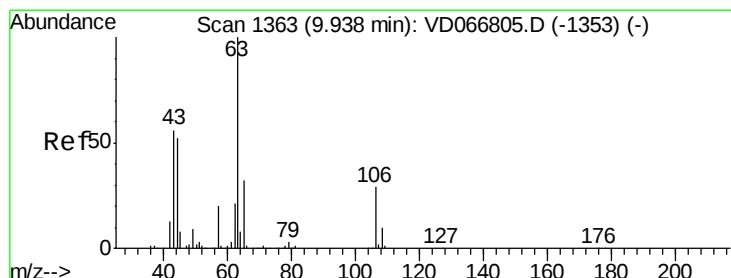
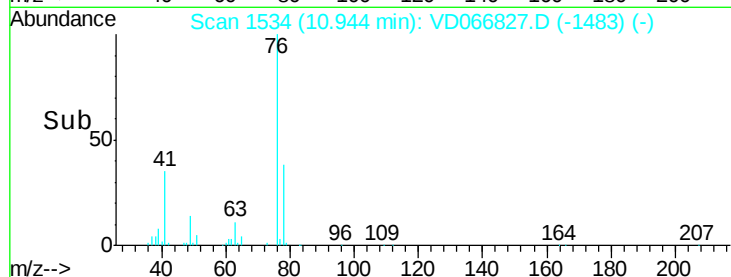
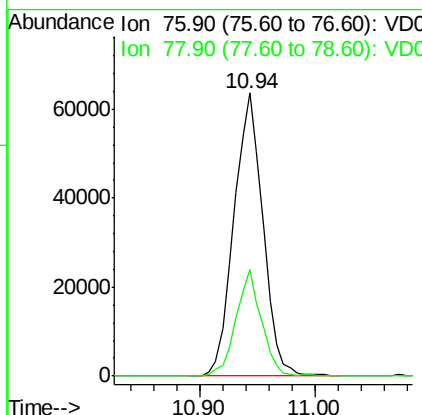
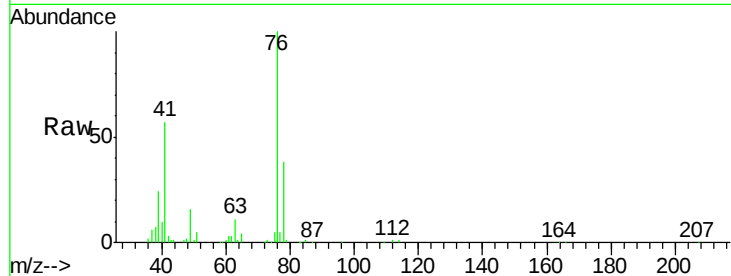




#57
 1,3-Dichloropropane
 Concen: 20.386 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

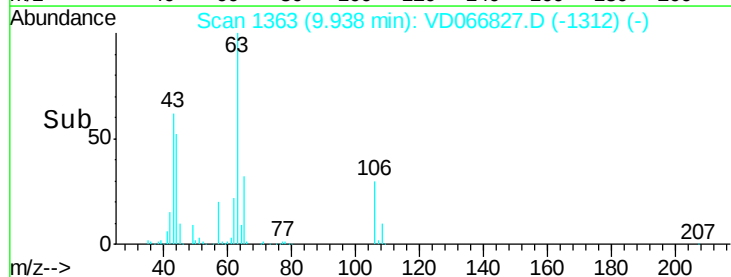
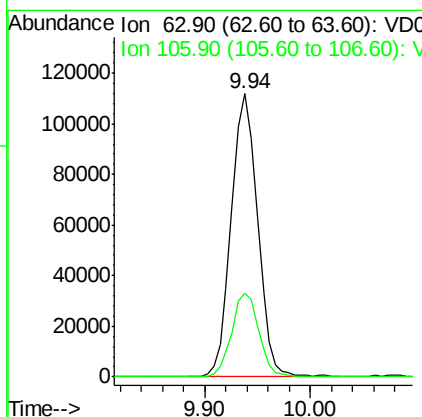
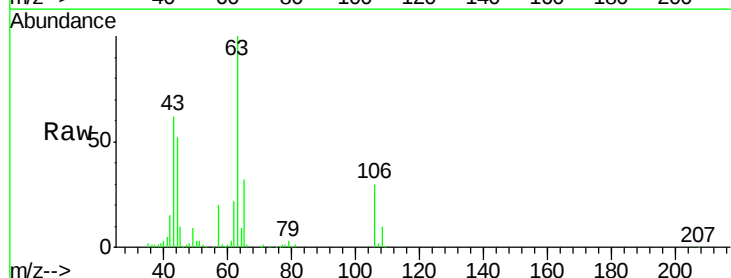
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBSD01

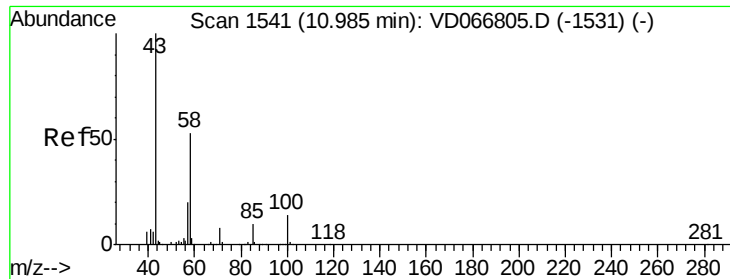
Tgt Ion: 76 Resp: 110718
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.076 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

Tgt Ion: 63 Resp: 193657
 Ion Ratio Lower Upper
 63 100
 106 30.4 23.8 35.6

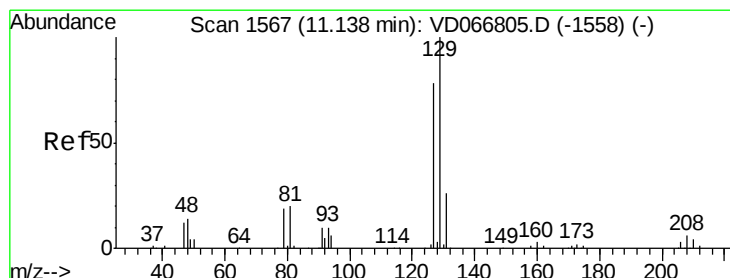
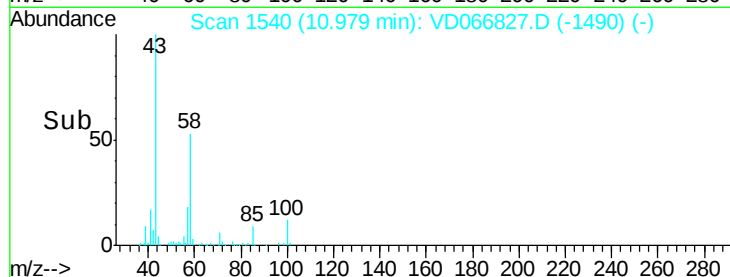
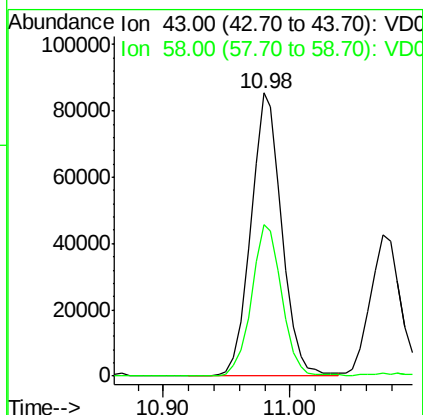
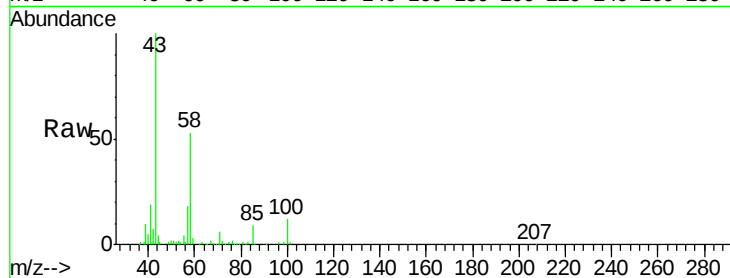




#59
2-Hexanone
Concen: 96.988 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

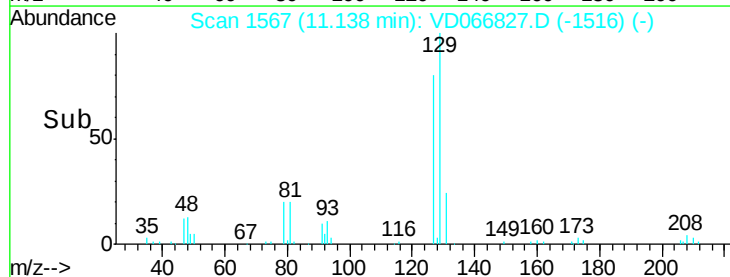
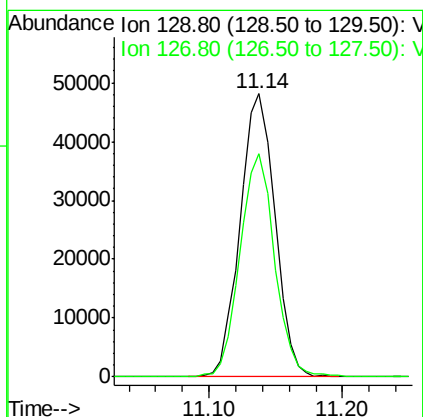
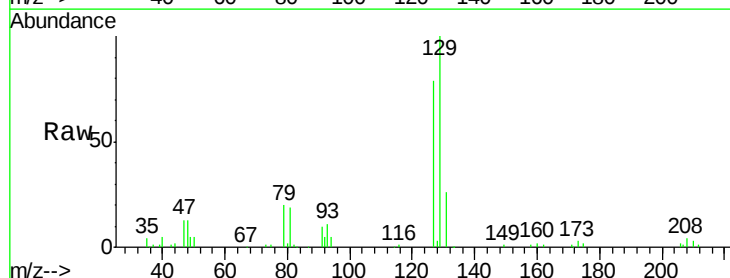
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

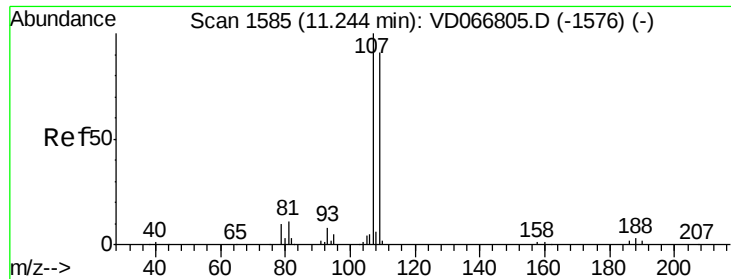
Tgt Ion: 43 Resp: 145059
Ion Ratio Lower Upper
43 100
58 52.4 27.0 80.8



#60
Dibromochloromethane
Concen: 20.245 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion: 129 Resp: 86907
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0

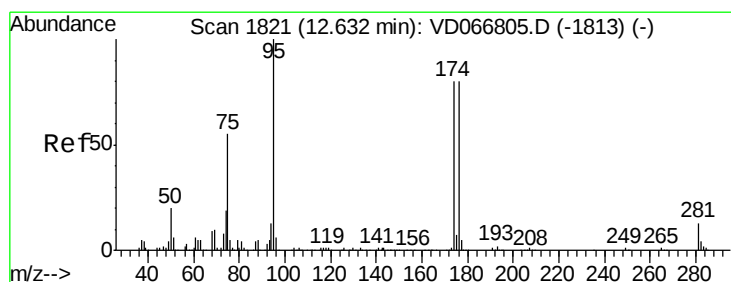
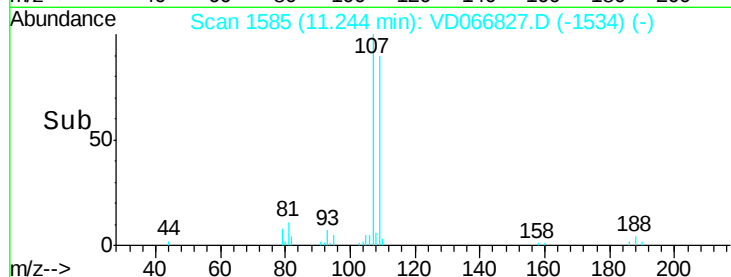
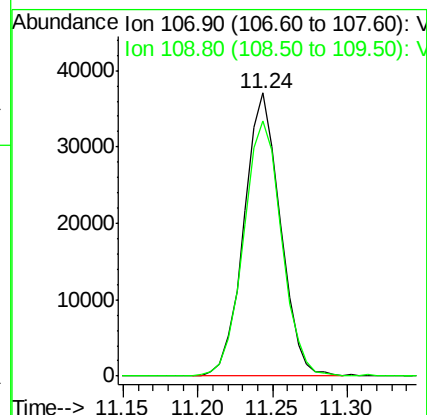
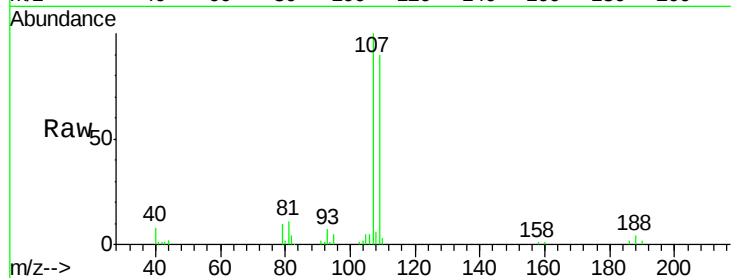




#61
 1,2-Dibromoethane
 Concen: 20.411 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

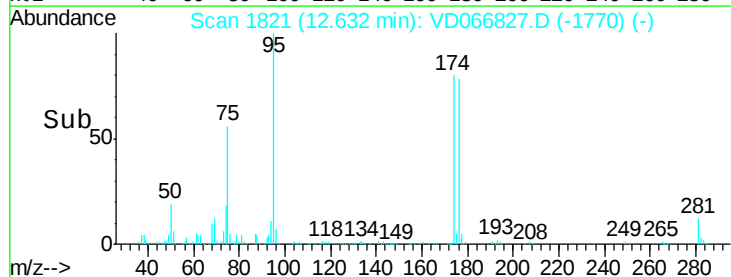
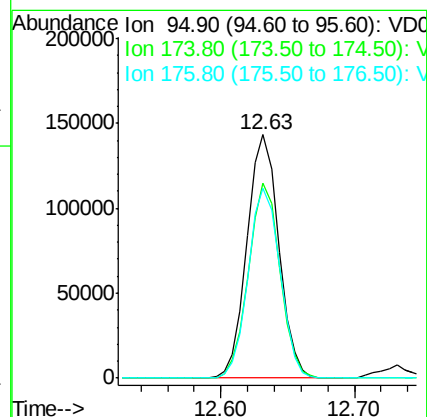
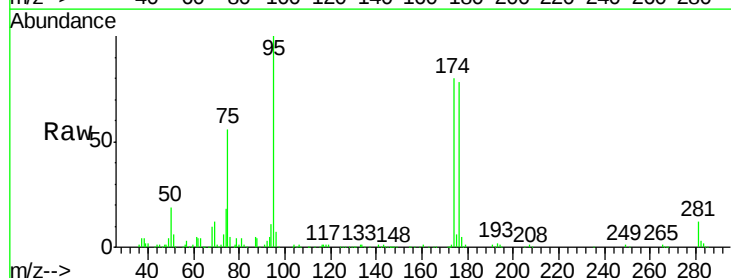
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBSD01

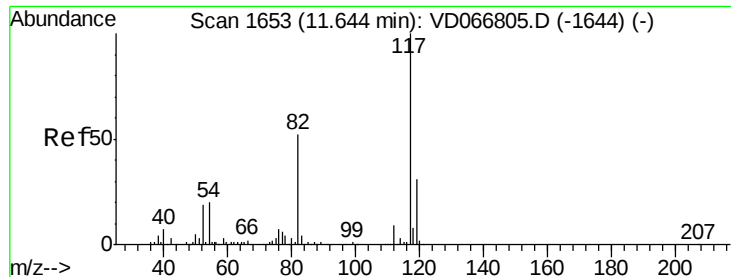
Tgt Ion: 107 Resp: 62443
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 50.064 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

Tgt Ion: 95 Resp: 235165
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 159.8
 176 78.1 0.0 154.4

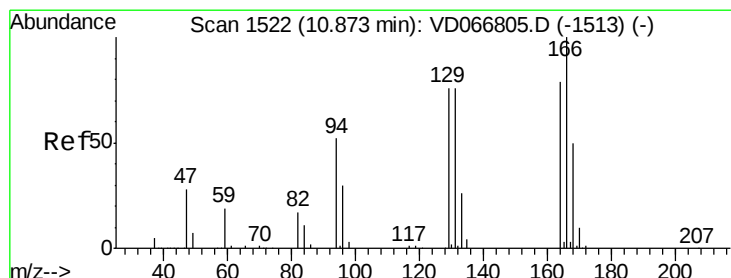
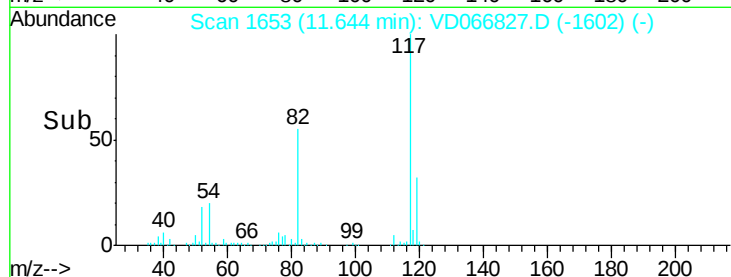
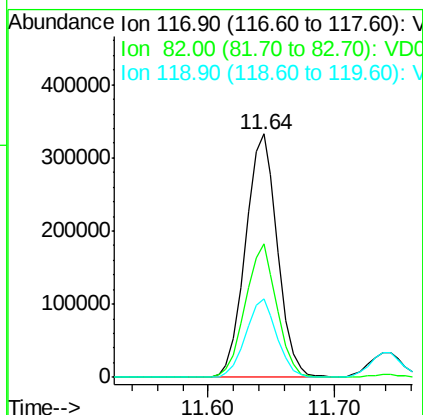
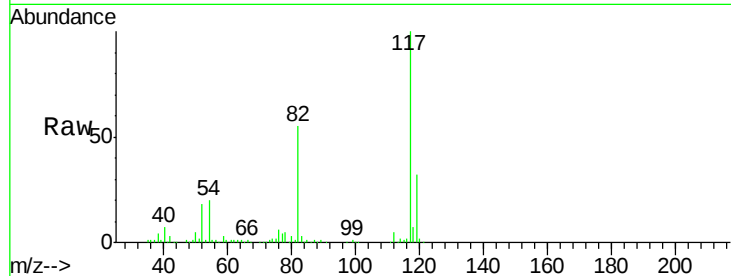




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

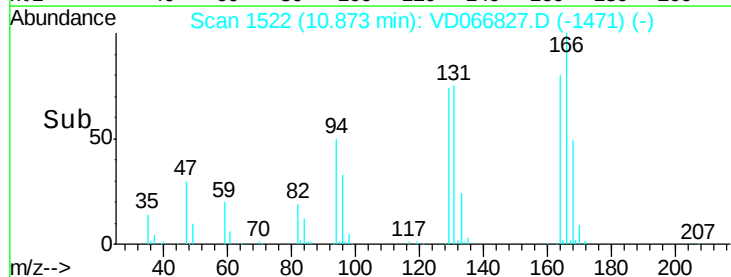
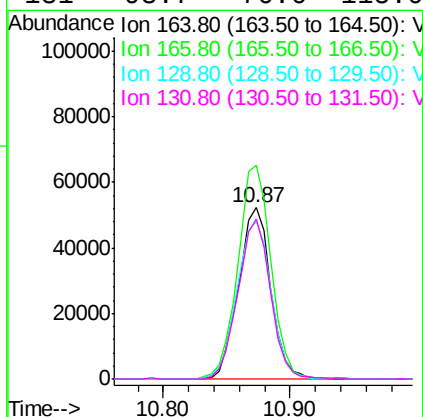
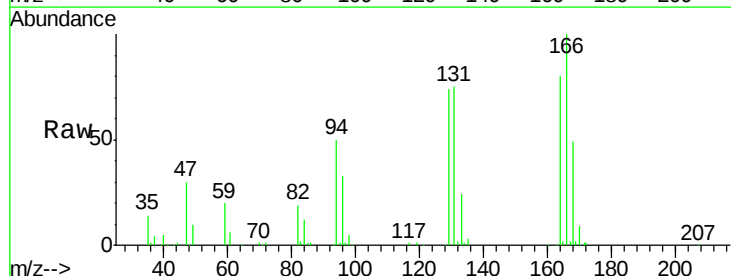
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

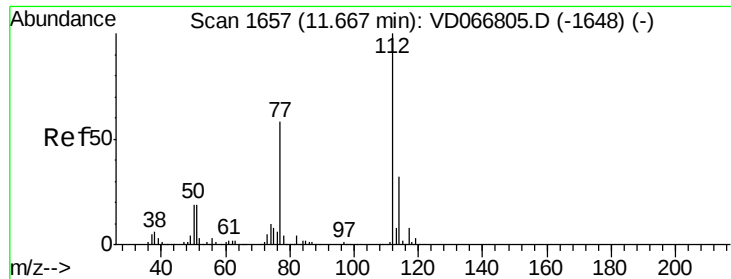
Tgt Ion:117 Resp: 581175
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.6
119 32.1 24.6 37.0



#64
Tetrachloroethene
Concen: 22.175 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion:164 Resp: 92700
Ion Ratio Lower Upper
164 100
166 124.9 101.1 151.7
129 92.3 77.0 115.4
131 93.7 76.6 115.0

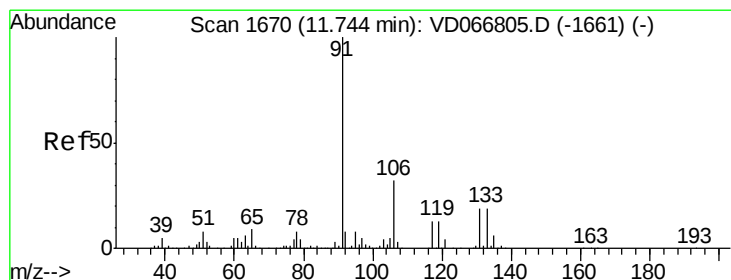
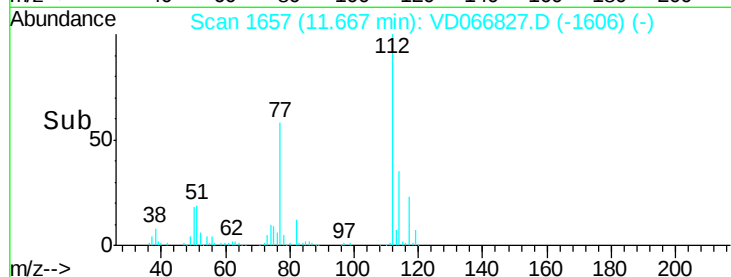
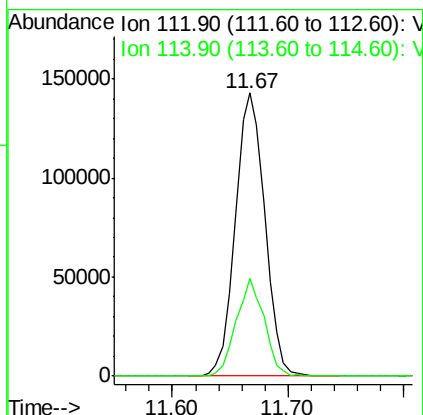
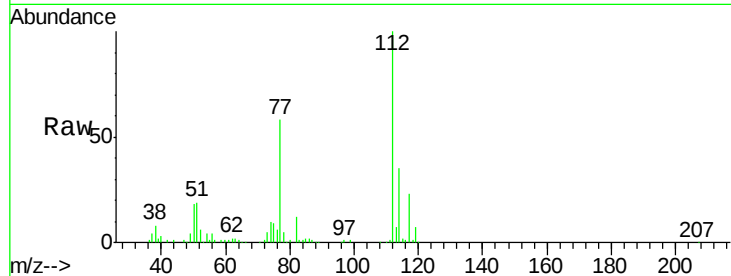




#65
Chlorobenzene
Concen: 20.809 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

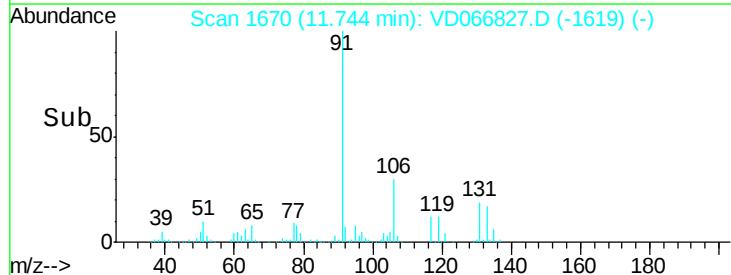
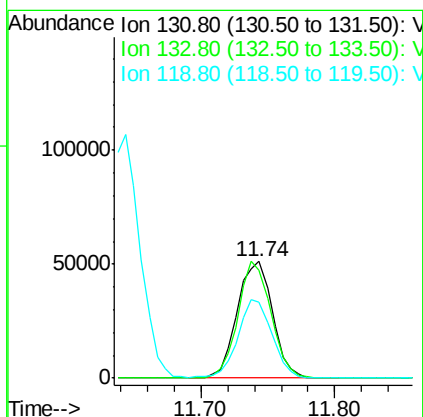
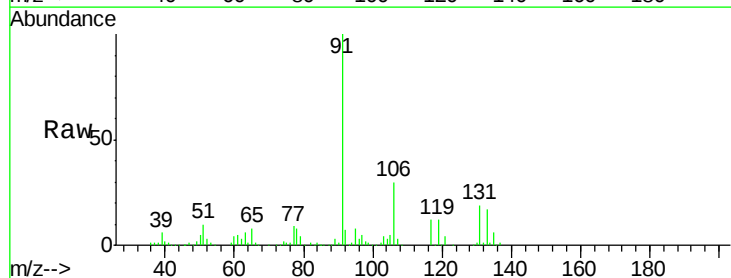
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

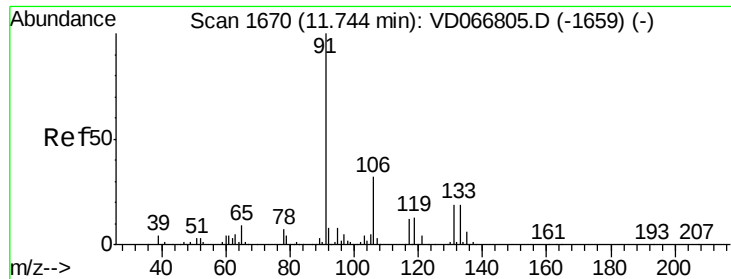
Tgt Ion:112 Resp: 251734
Ion Ratio Lower Upper
112 100
114 34.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.488 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion:131 Resp: 93807
Ion Ratio Lower Upper
131 100
133 93.6 46.7 140.1
119 64.6 32.3 96.9

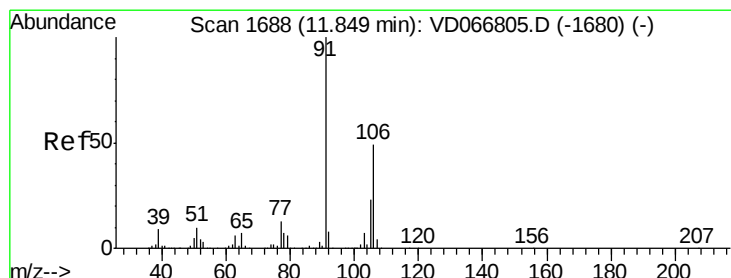
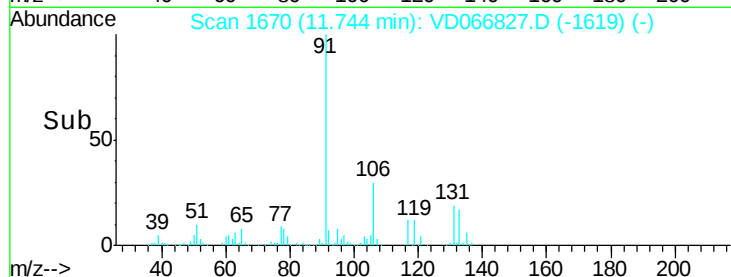
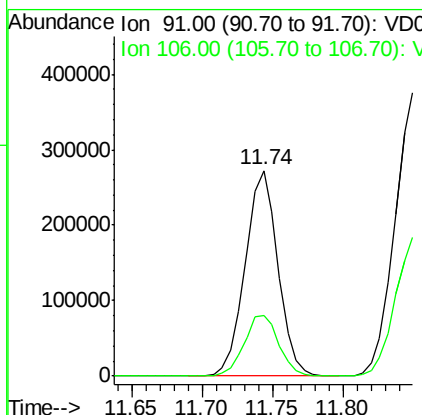
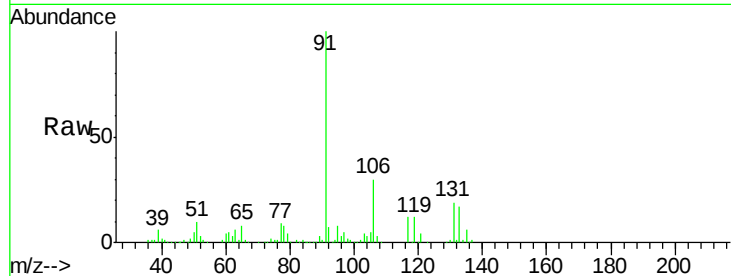




#67
Ethyl Benzene
Concen: 20.884 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

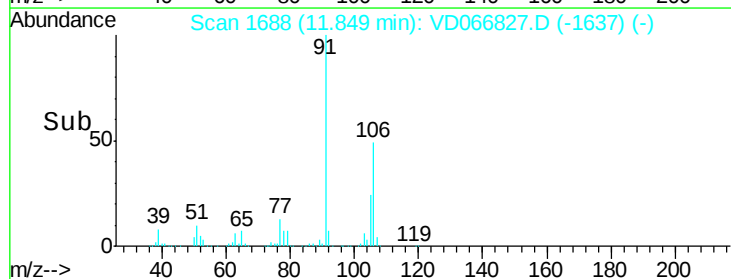
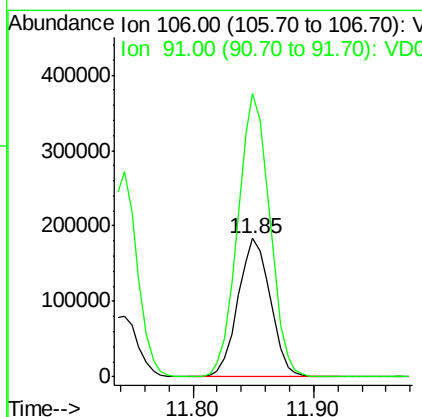
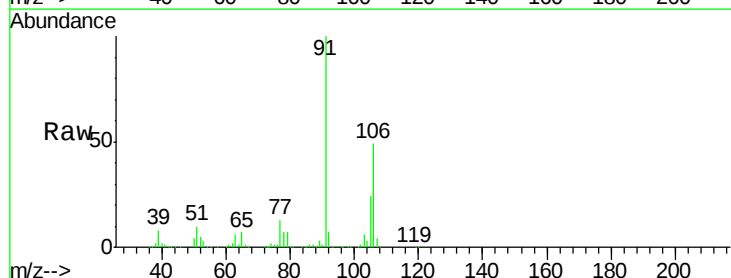
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

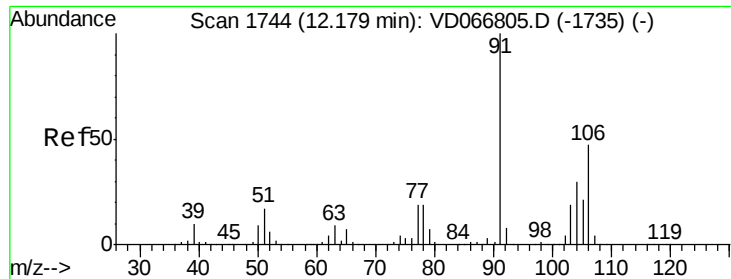
Tgt Ion: 91 Resp: 443717
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4



#68
m/p-Xylenes
Concen: 42.604 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion: 106 Resp: 342726
Ion Ratio Lower Upper
106 100
91 202.6 160.7 241.1

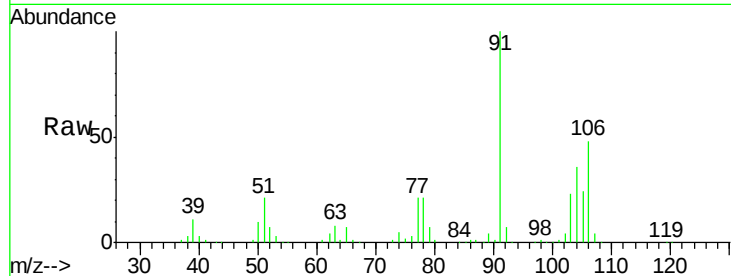




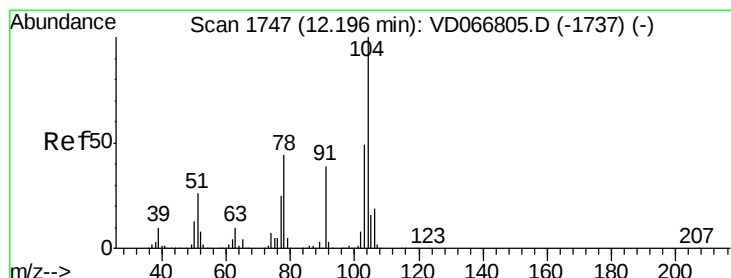
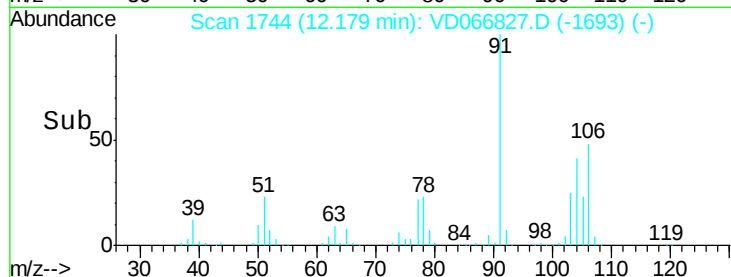
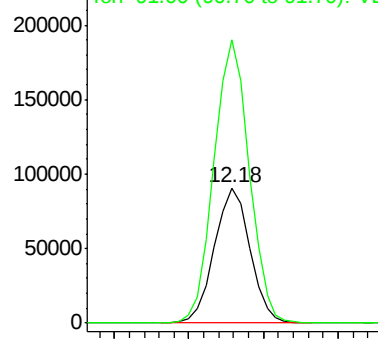
#69
o-Xylene
Concen: 20.639 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

Tgt Ion:106 Resp: 150129
Ion Ratio Lower Upper
106 100
91 207.7 106.3 318.8

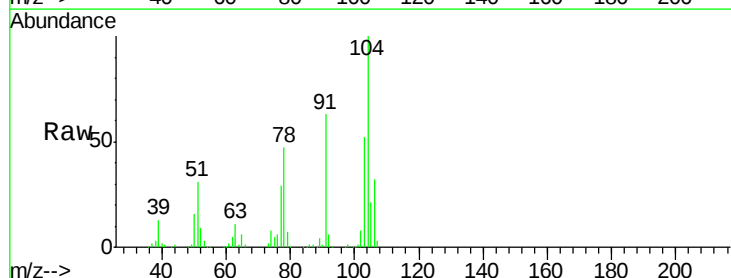


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

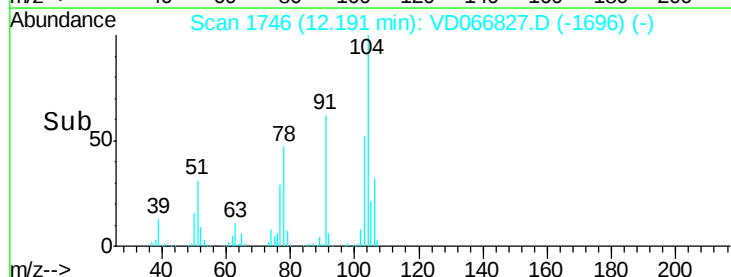
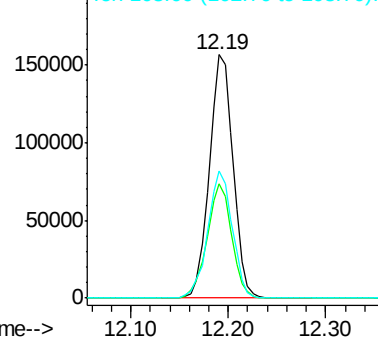


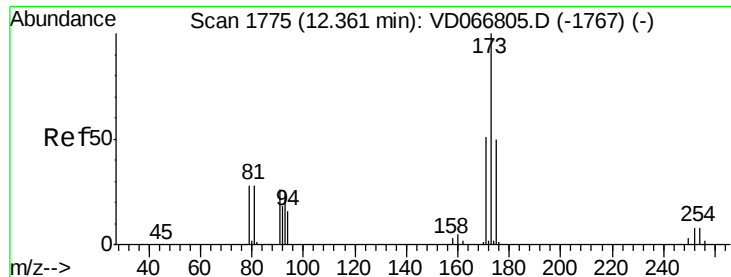
#70
Styrene
Concen: 20.933 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion:104 Resp: 264426
Ion Ratio Lower Upper
104 100
78 48.6 38.9 58.3
103 53.9 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VDC
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.789 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBSD01

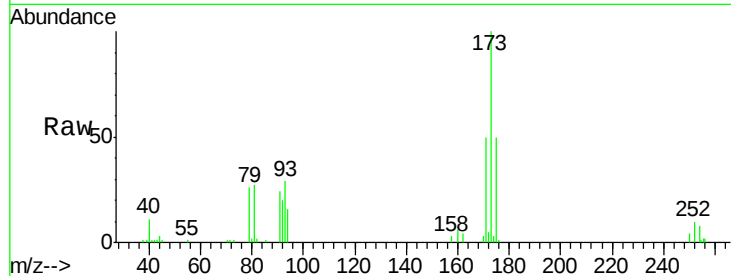
Tgt Ion:173 Resp: 45876

Ion Ratio Lower Upper

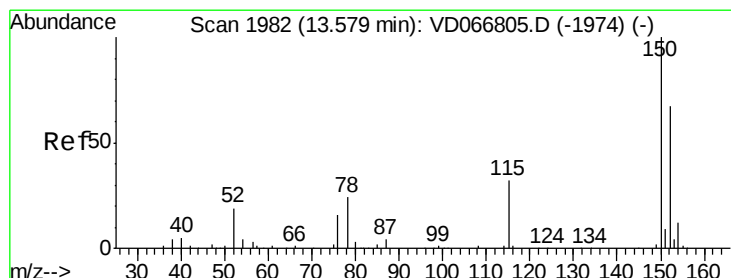
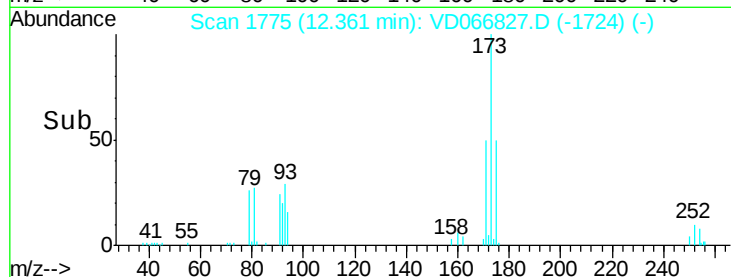
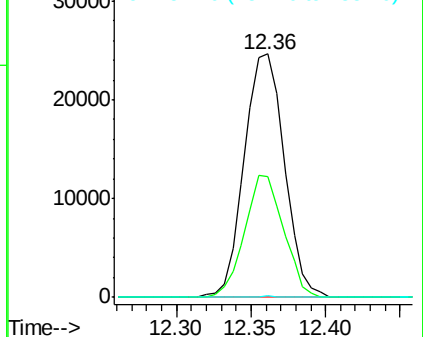
173 100

175 48.5 24.9 74.6

254 0.1 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: VD066827.D

Acq: 23 Sep 2020 11:49

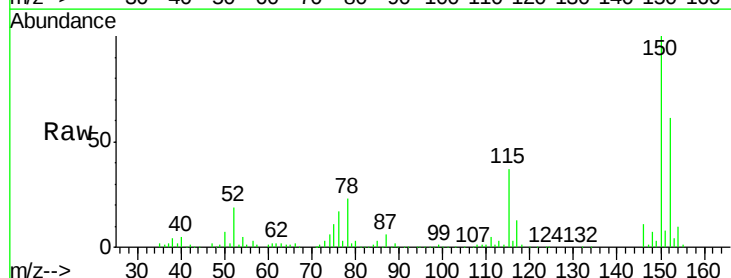
Tgt Ion:152 Resp: 272452

Ion Ratio Lower Upper

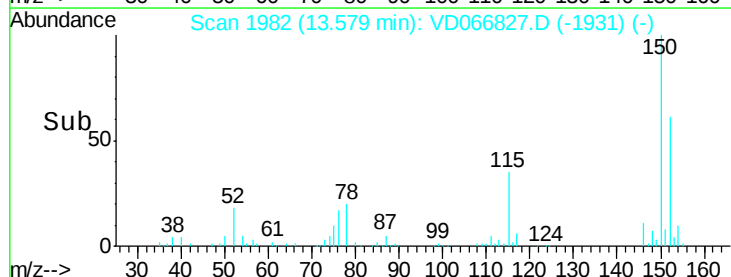
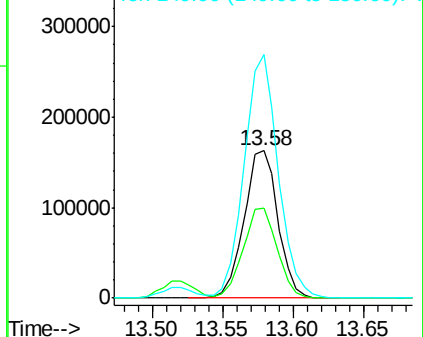
152 100

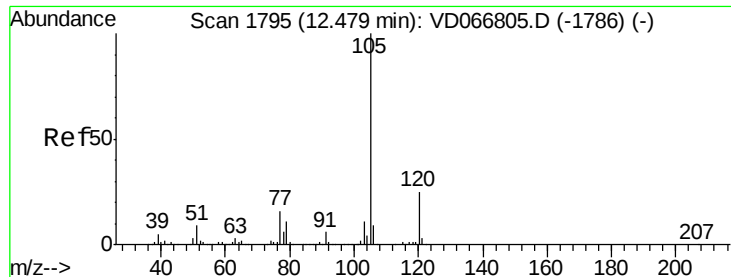
115 61.9 30.3 91.0

150 166.4 0.0 346.2



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





#73

Isopropylbenzene

Concen: 21.287 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

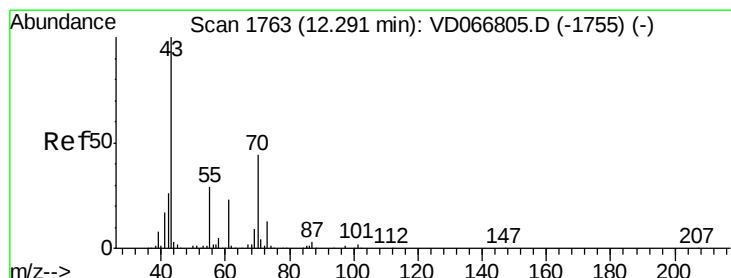
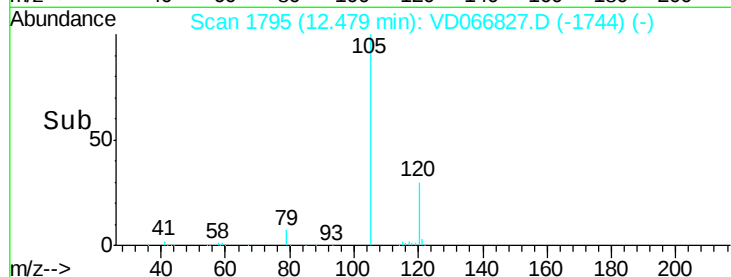
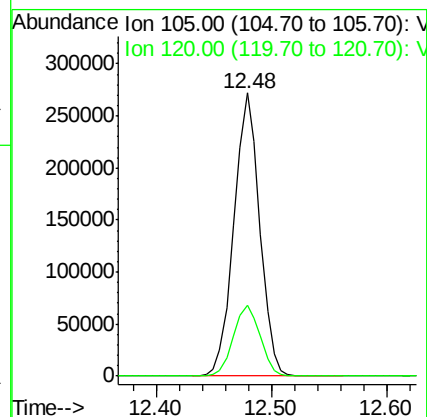
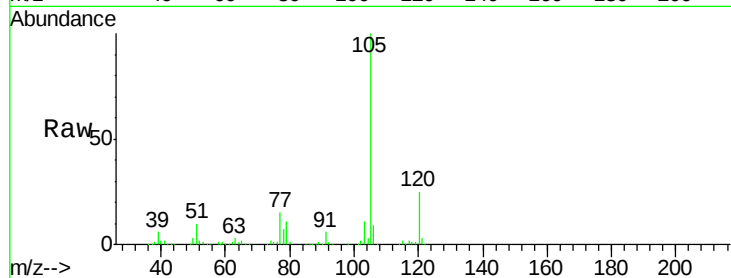
VD0923SBS01

Tgt Ion: 105 Resp: 418972

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.6



#74

N-ethyl acetate

Concen: 19.298 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Tgt Ion: 43 Resp: 74172

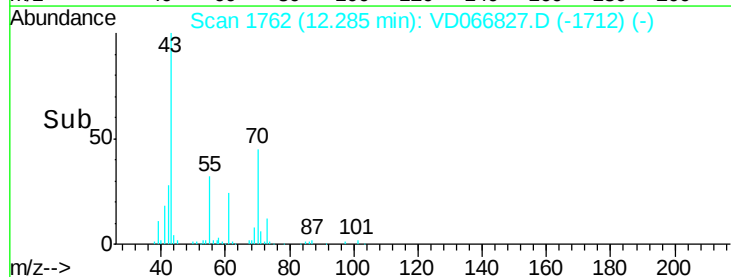
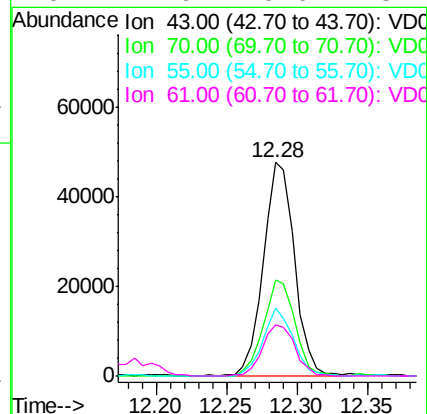
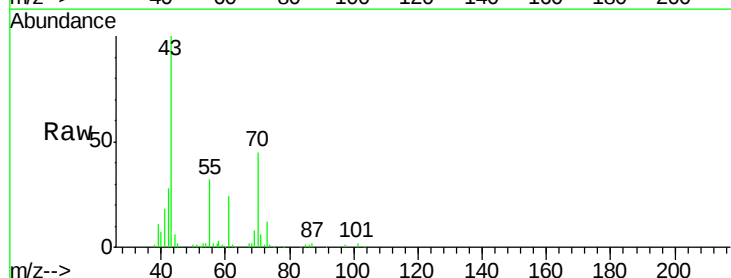
Ion Ratio Lower Upper

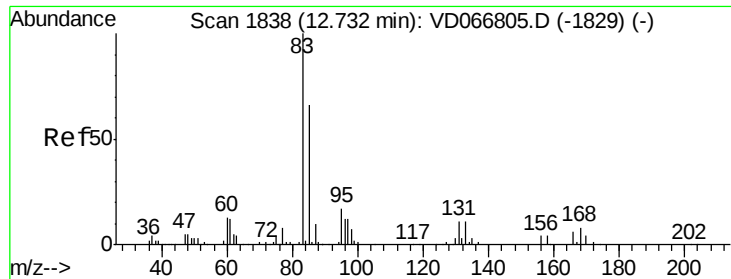
43 100

70 45.3 36.1 54.1

55 30.7 21.8 32.8

61 24.9 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.393 ug/l

RT: 12.73 min Scan# 1837

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBSD01

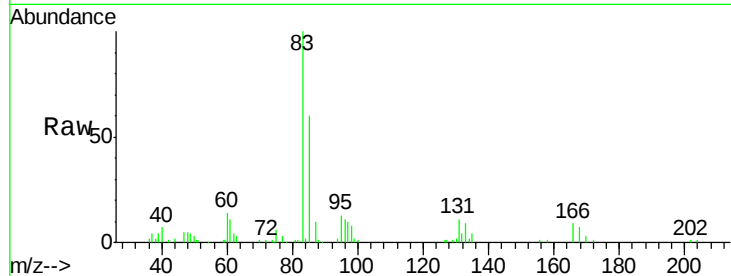
Tgt Ion: 83 Resp: 69260

Ion Ratio Lower Upper

83 100

131 12.2 5.5 16.7

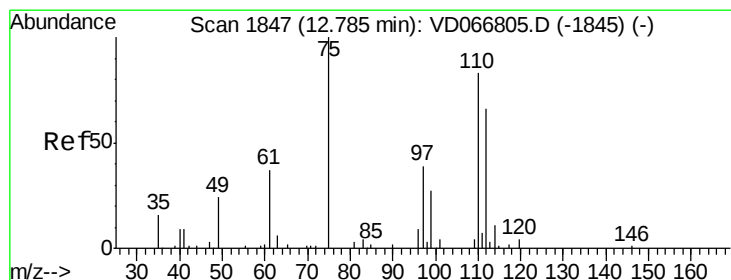
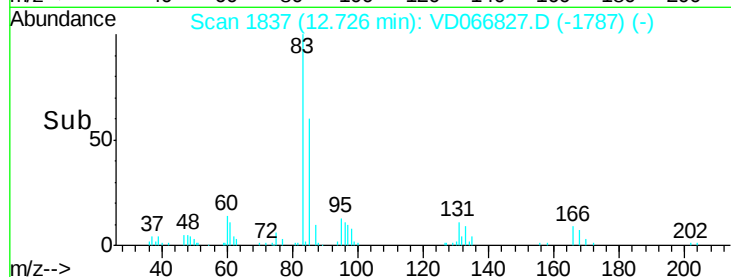
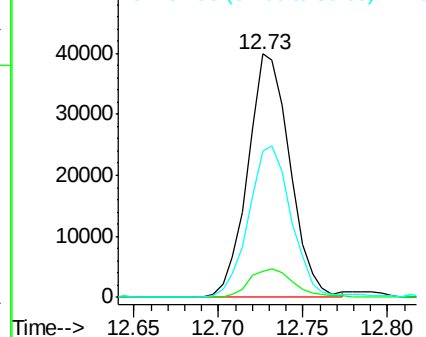
85 62.9 32.1 96.5



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: 41.716 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066827.D

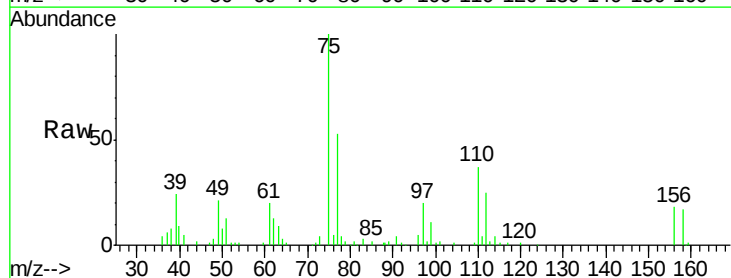
Acq: 23 Sep 2020 11:49

Tgt Ion: 75 Resp: 94188

Ion Ratio Lower Upper

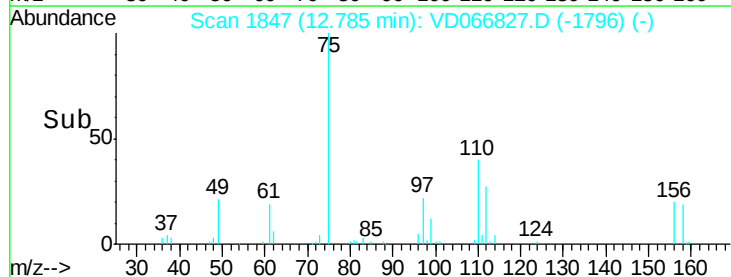
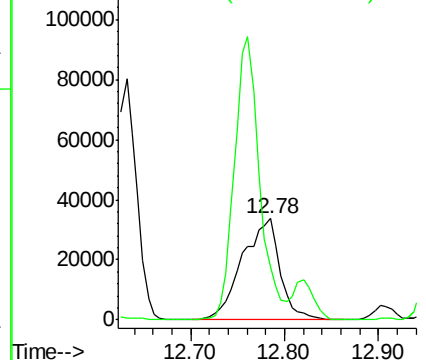
75 100

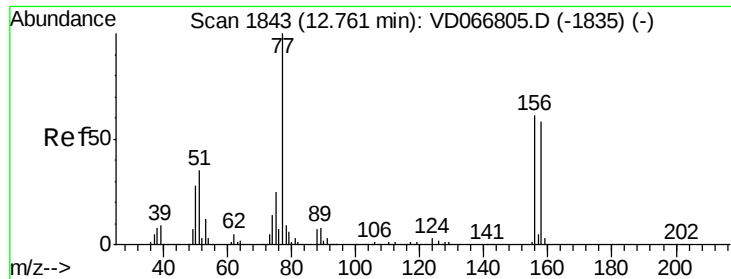
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.164 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBSD01

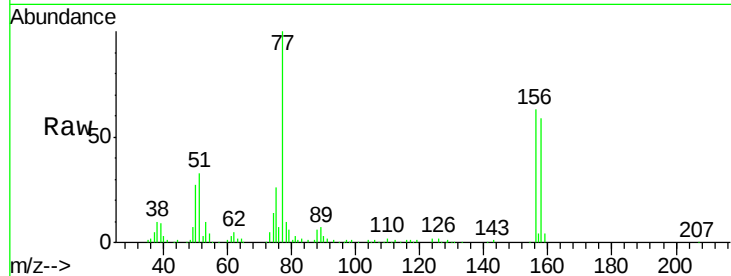
Tgt Ion:156 Resp: 97422

Ion Ratio Lower Upper

156 100

77 181.5 92.3 276.9

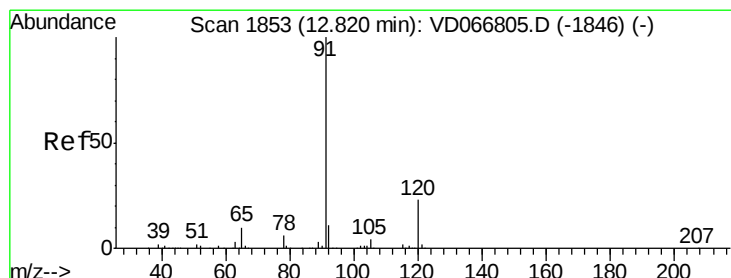
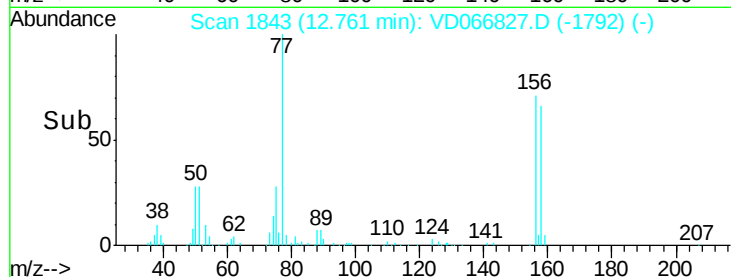
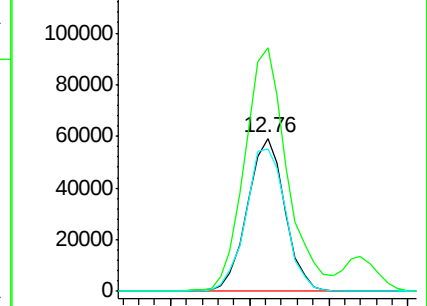
158 98.7 47.6 142.9



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: 21.798 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066827.D

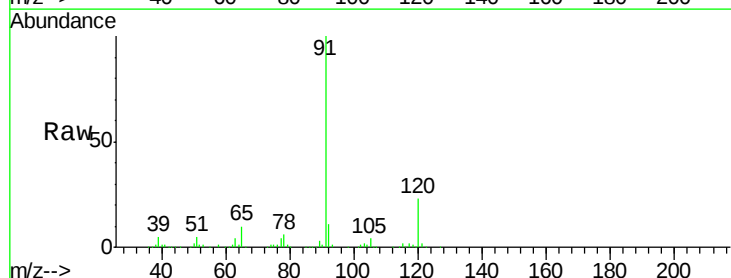
Acq: 23 Sep 2020 11:49

Tgt Ion: 91 Resp: 516141

Ion Ratio Lower Upper

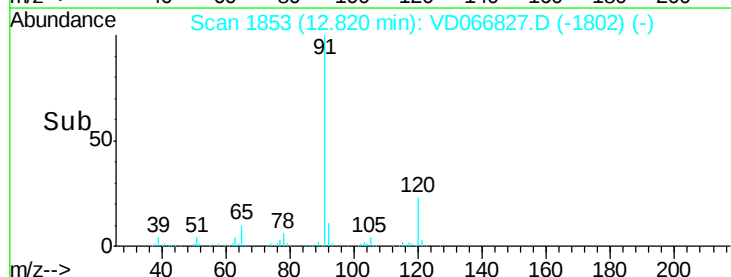
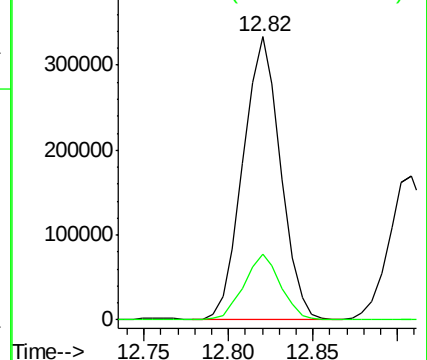
91 100

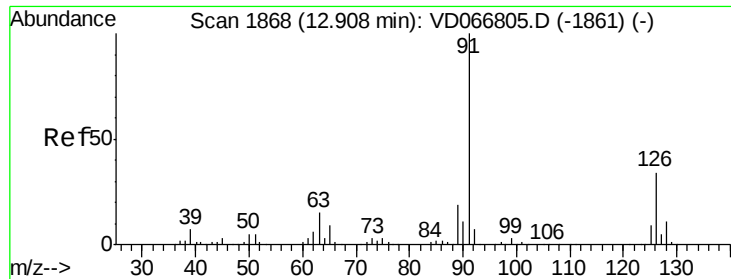
120 22.7 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

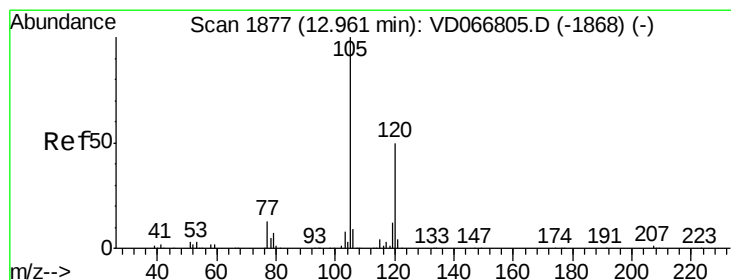
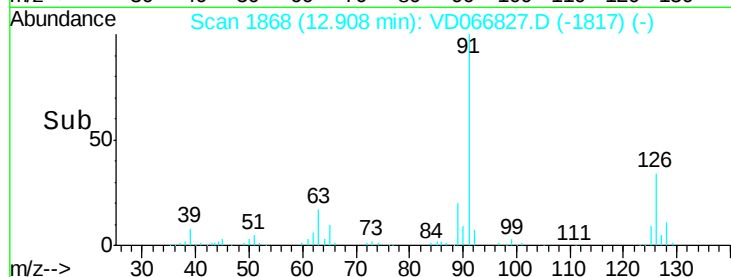
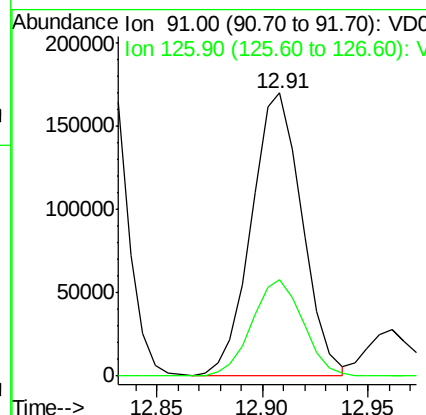
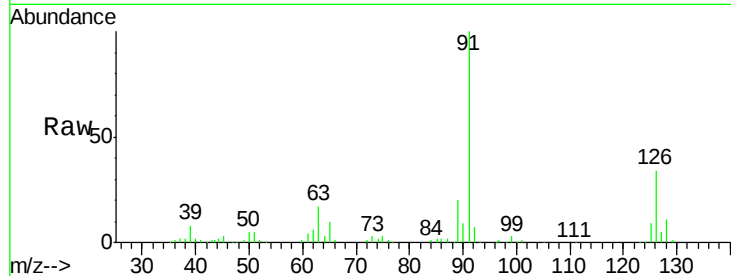




#79
 2-Chlorotoluene
 Concen: 20.994 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

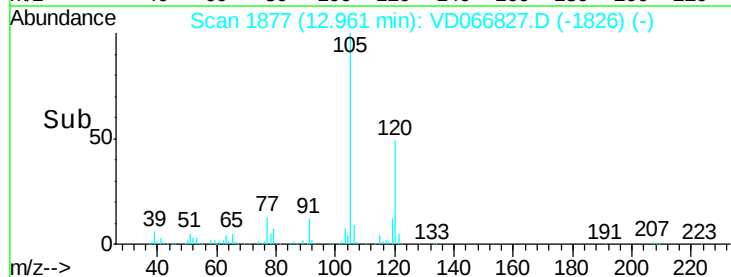
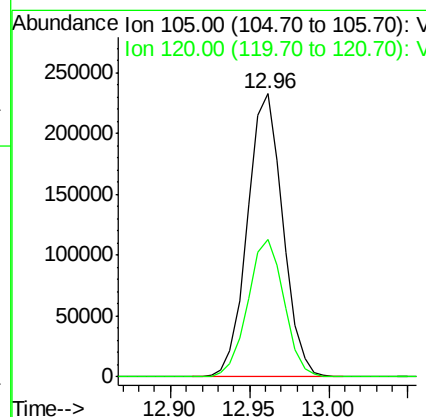
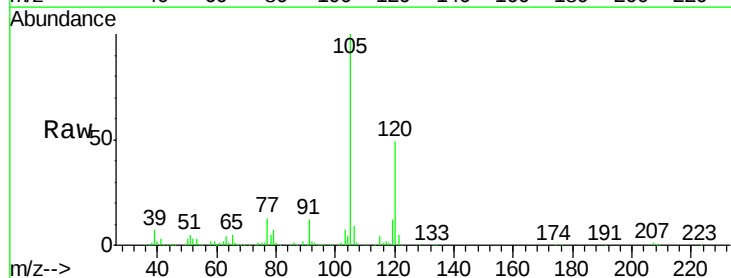
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBSD01

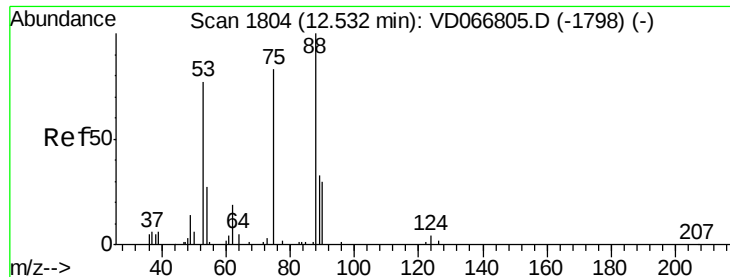
Tgt Ion: 91 Resp: 283281
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.619 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

Tgt Ion: 105 Resp: 361038
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.480 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBSD01

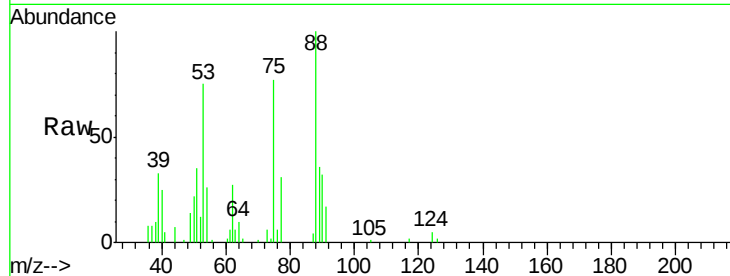
Tgt Ion: 75 Resp: 15775

Ion Ratio Lower Upper

75 100

53 101.2 78.5 117.7

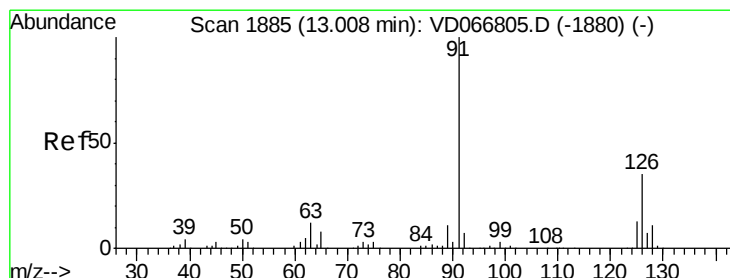
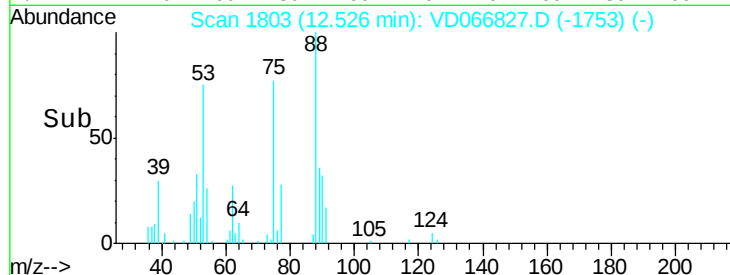
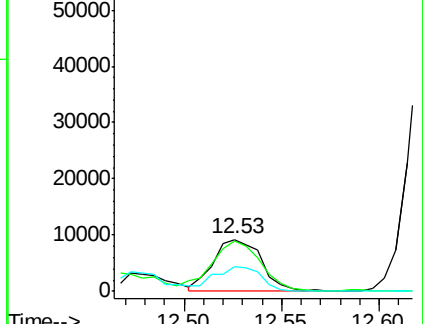
89 46.0 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.761 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066827.D

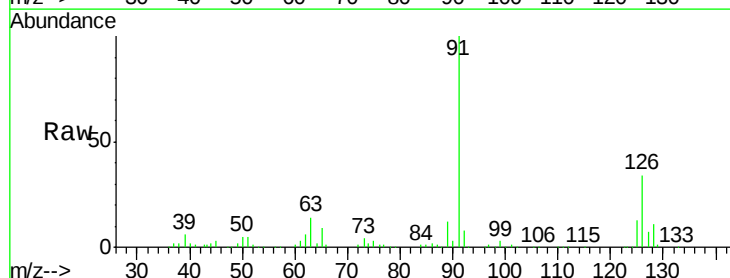
Acq: 23 Sep 2020 11:49

Tgt Ion: 91 Resp: 309518

Ion Ratio Lower Upper

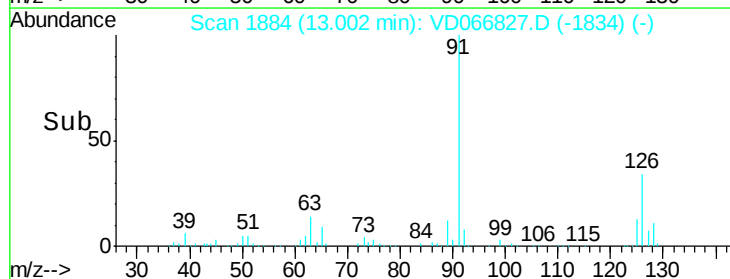
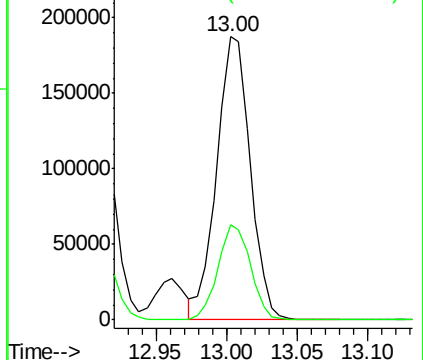
91 100

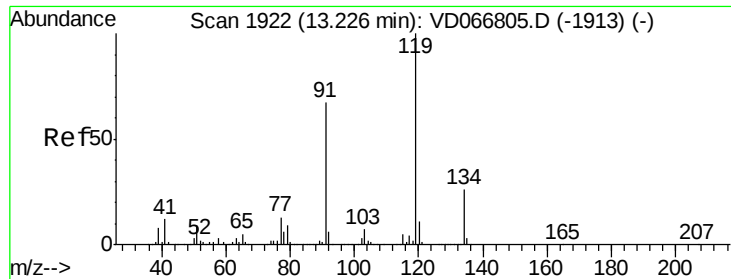
126 32.7 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

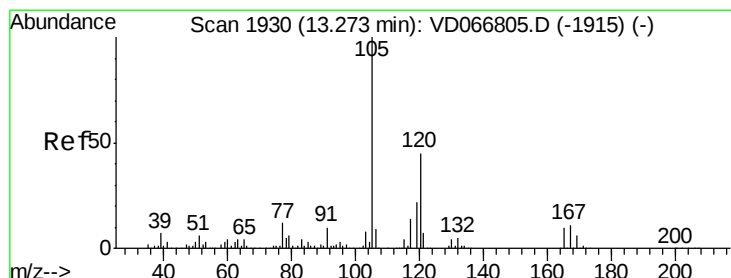
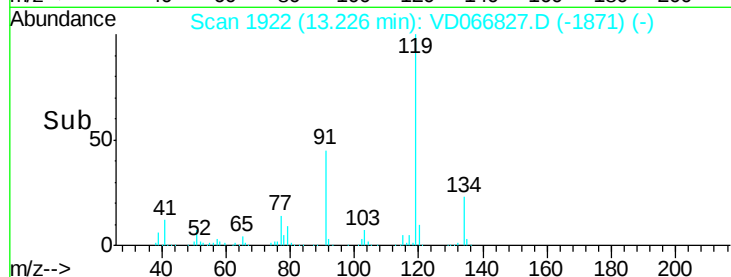
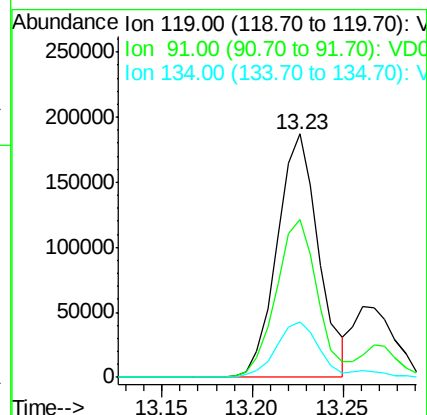
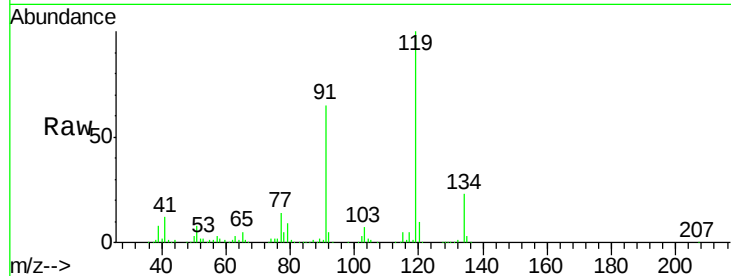




#83
 tert-Butylbenzene
 Concen: 21.791 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

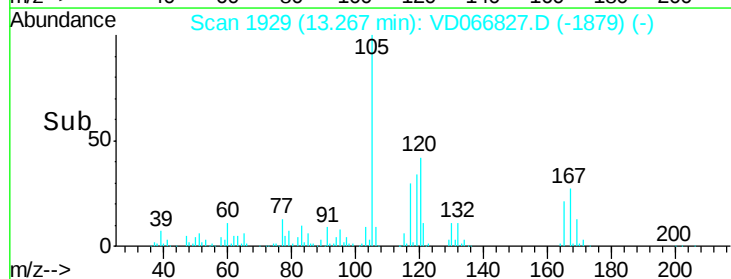
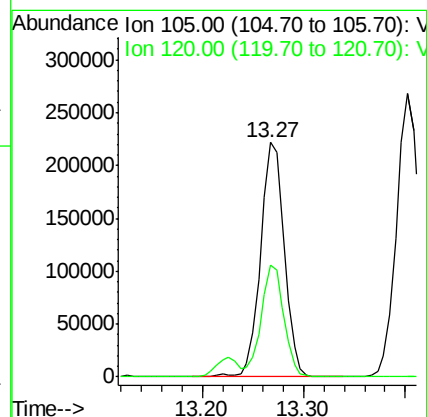
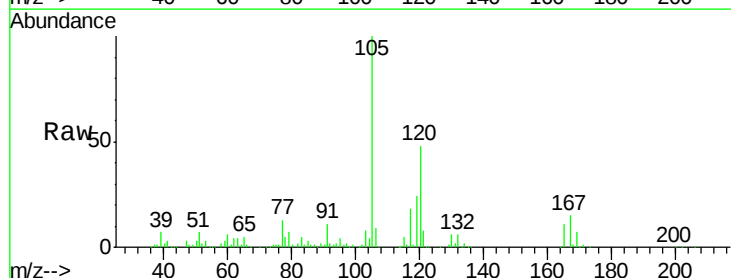
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBSD01

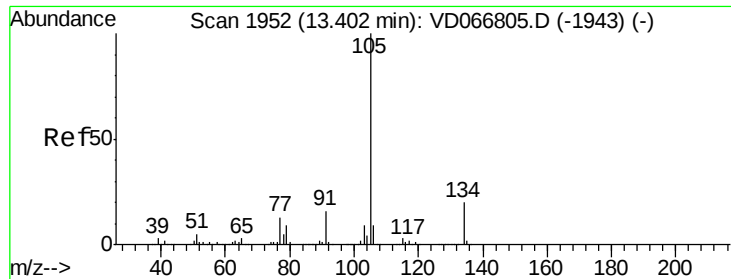
Tgt Ion:119 Resp: 299034
 Ion Ratio Lower Upper
 119 100
 91 64.4 33.6 100.8
 134 23.7 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.791 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

Tgt Ion:105 Resp: 360861
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 21.205 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

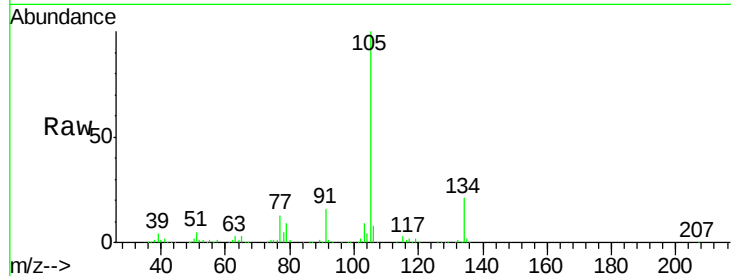
VD0923SBSD01

Tgt Ion:105 Resp: 418454

Ion Ratio Lower Upper

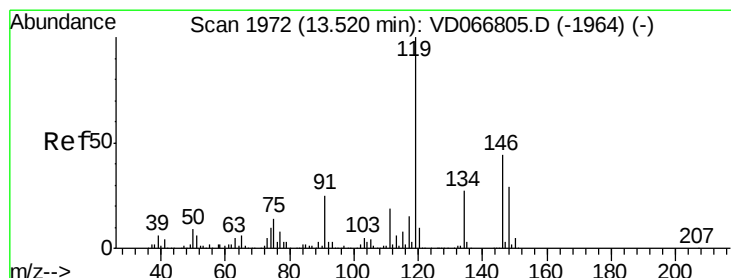
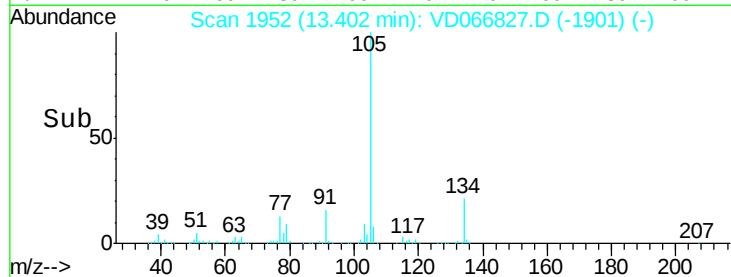
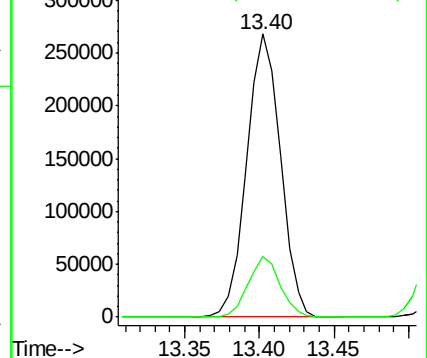
105 100

134 20.3 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.741 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

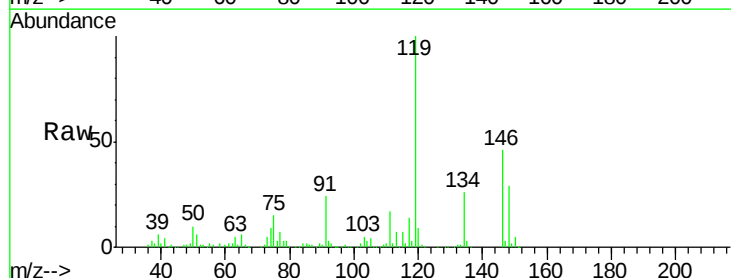
Tgt Ion:119 Resp: 386721

Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

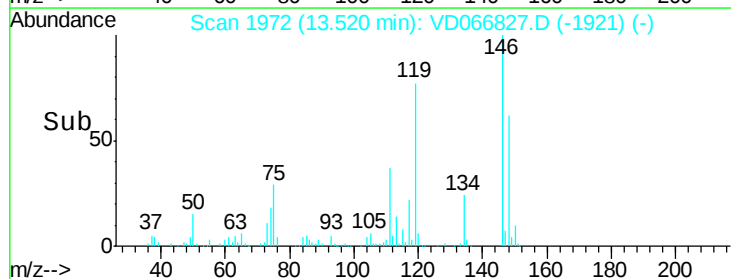
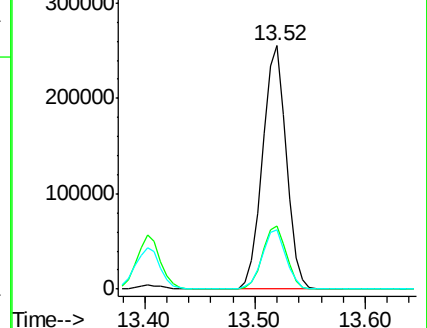
91 24.4 12.0 36.1

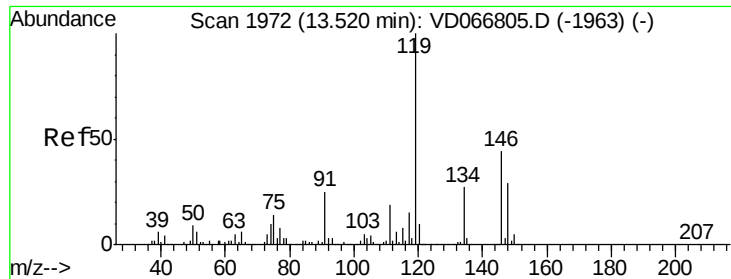


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.222 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBSD01

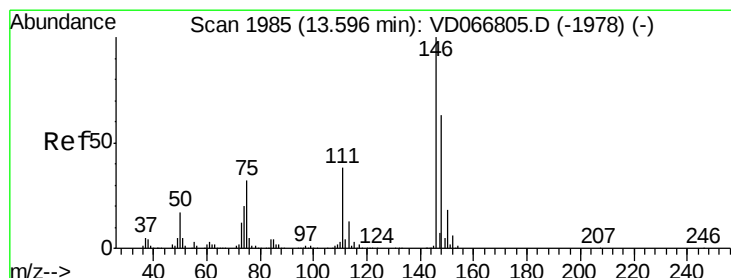
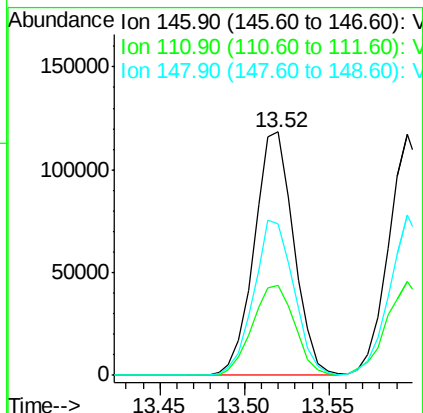
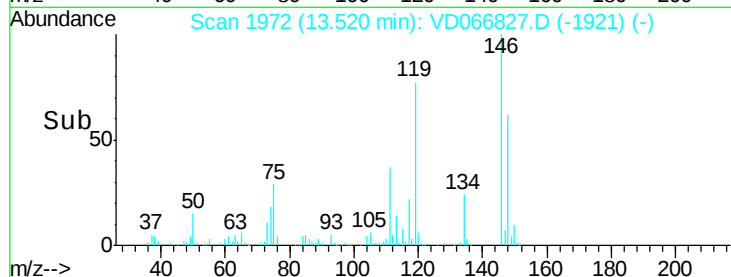
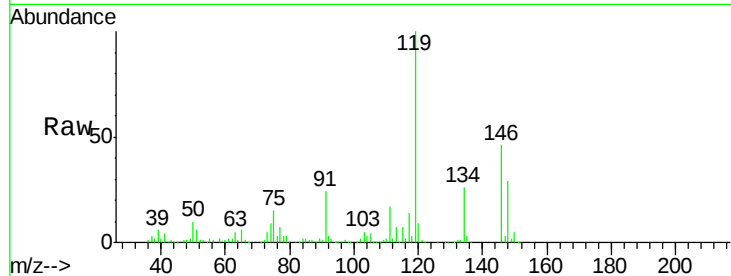
Tgt Ion:146 Resp: 193000

Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.9

148 64.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.889 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

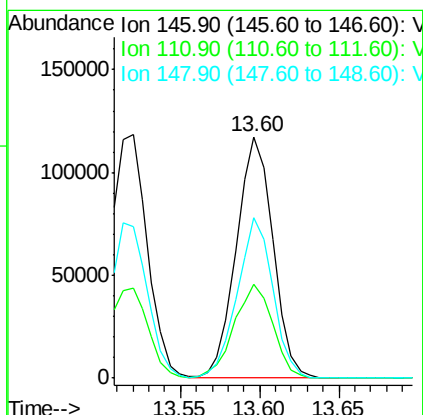
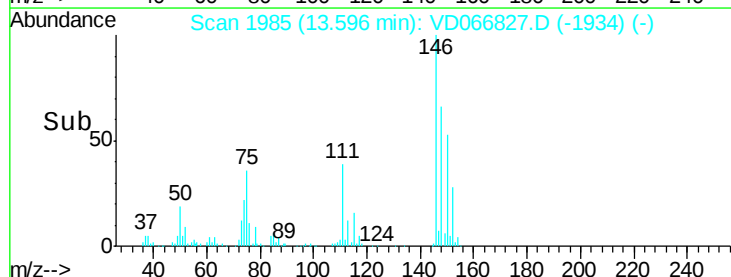
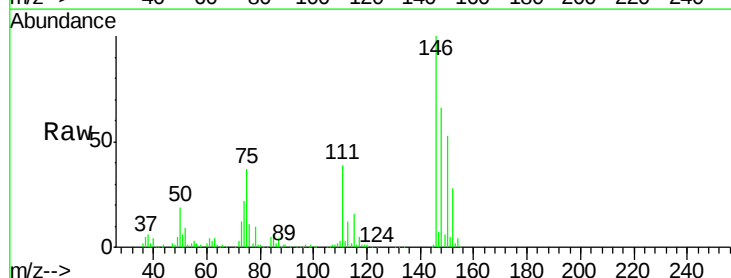
Tgt Ion:146 Resp: 188675

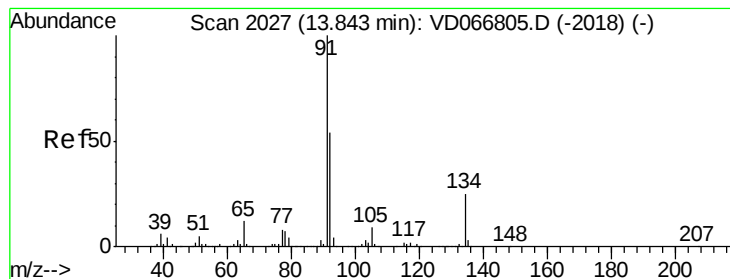
Ion Ratio Lower Upper

146 100

111 41.2 20.2 60.5

148 64.5 31.6 94.7





#89

n-Butylbenzene

Concen: 20.807 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. 0.00 min

Lab File: VD066827.D

Acq: 23 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBSD01

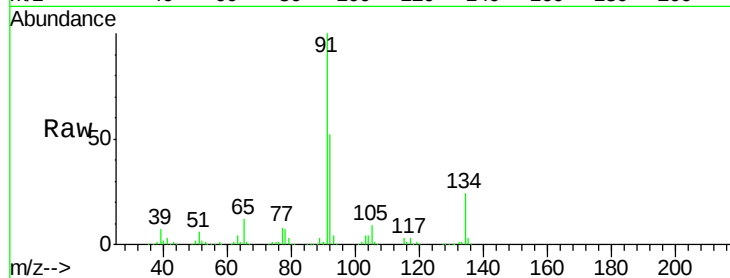
Tgt Ion: 91 Resp: 351792

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.0

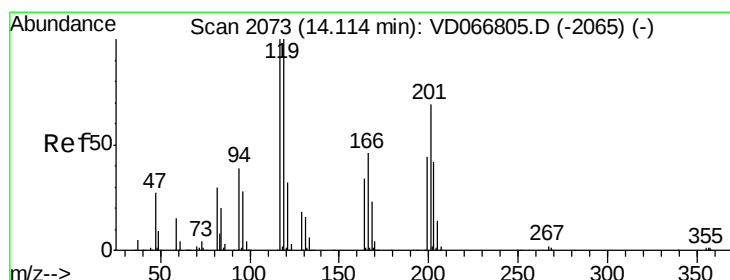
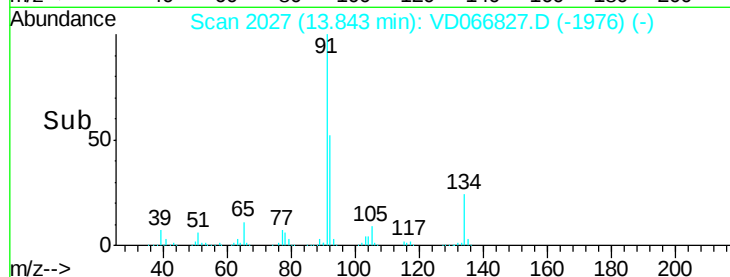
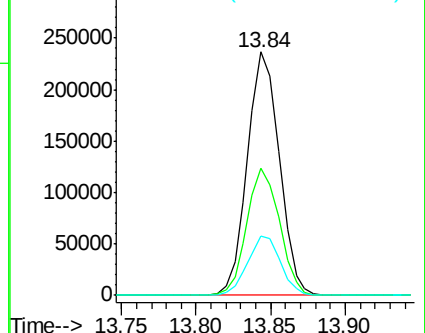
134 24.9 13.1 39.1



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: 19.574 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VD066827.D

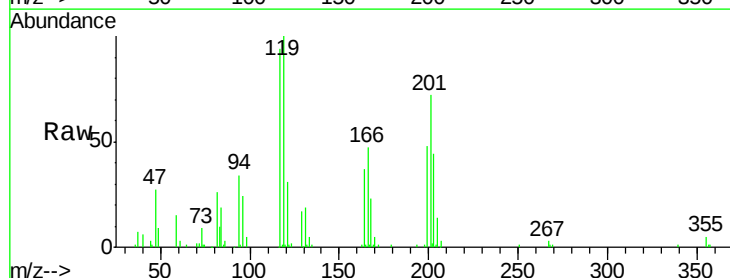
Acq: 23 Sep 2020 11:49

Tgt Ion: 117 Resp: 70687

Ion Ratio Lower Upper

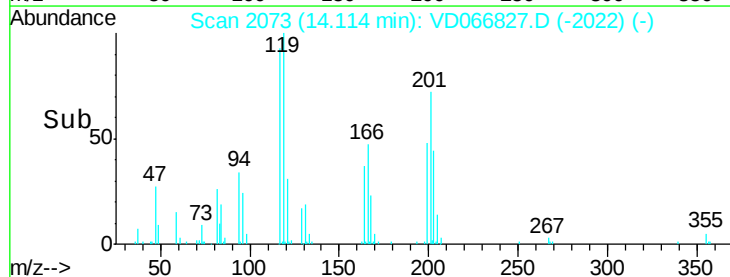
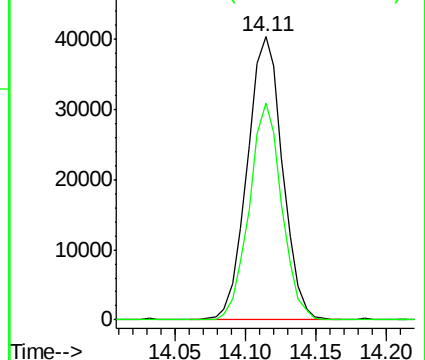
117 100

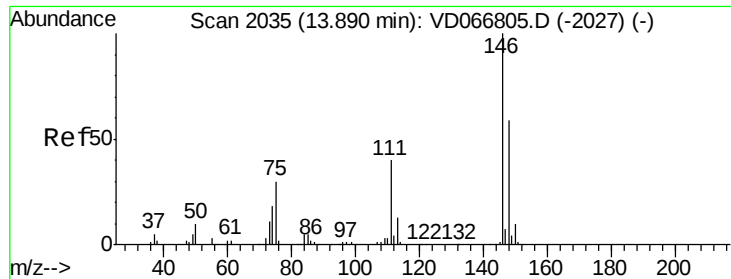
201 70.5 33.7 101.0



Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC

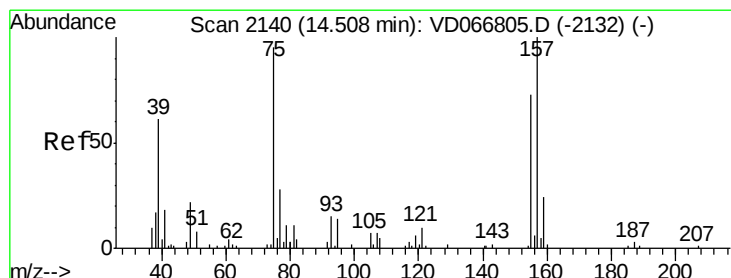
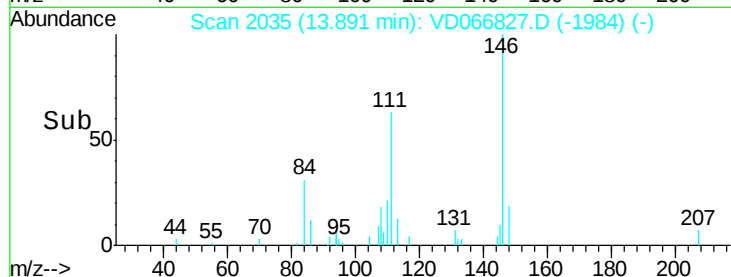
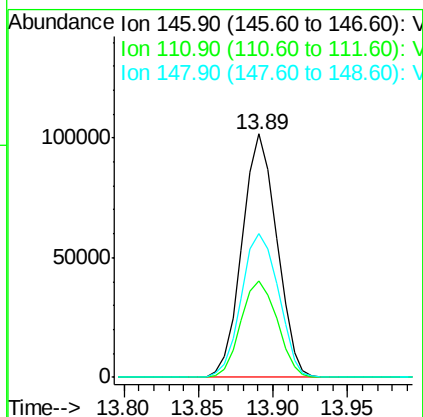
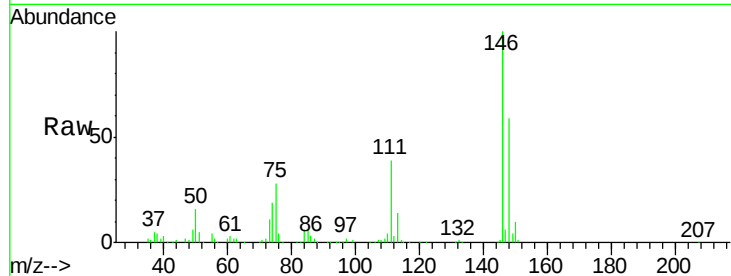




#91
 1,2-Dichlorobenzene
 Concen: 21.160 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

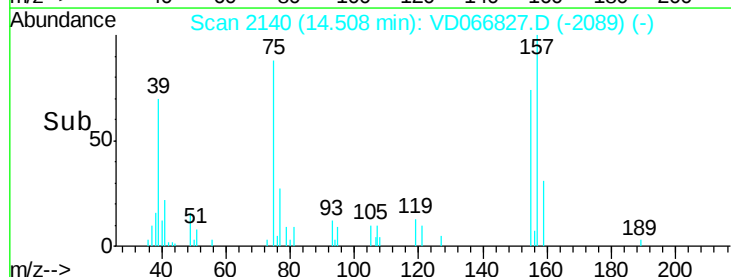
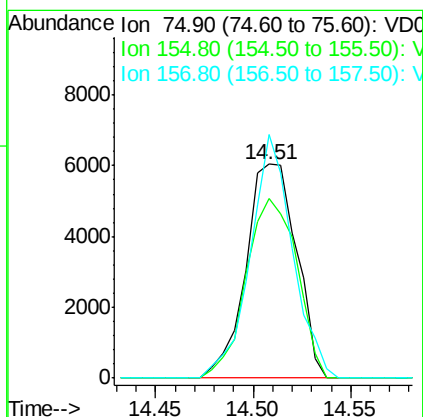
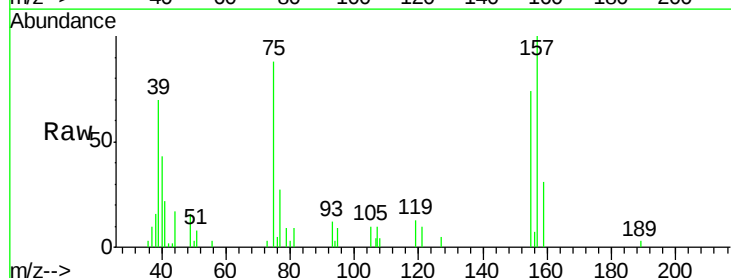
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBSD01

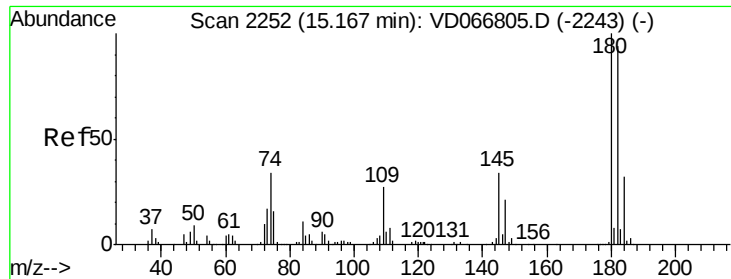
Tgt Ion: 146 Resp: 164632
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.7
 148 63.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.849 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

Tgt Ion: 75 Resp: 10844
 Ion Ratio Lower Upper
 75 100
 155 84.5 40.4 121.2
 157 95.3 51.3 153.9

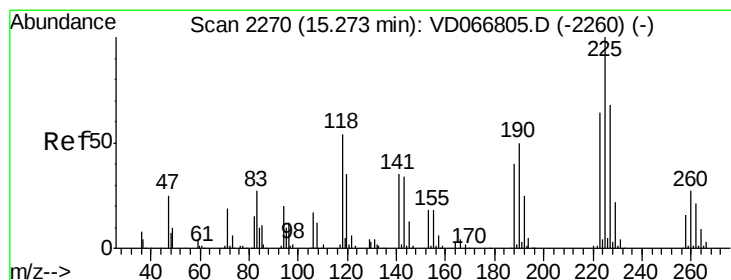
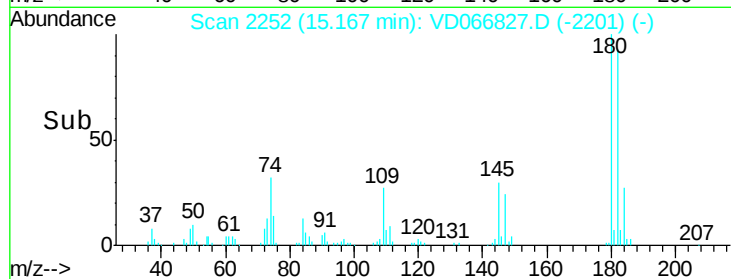
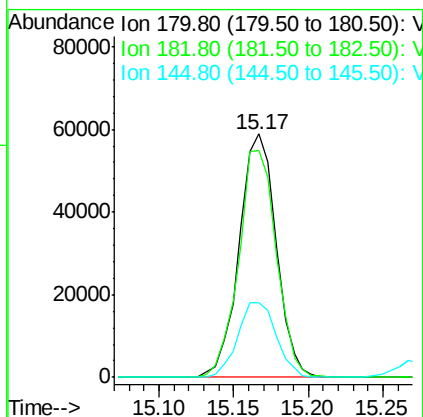
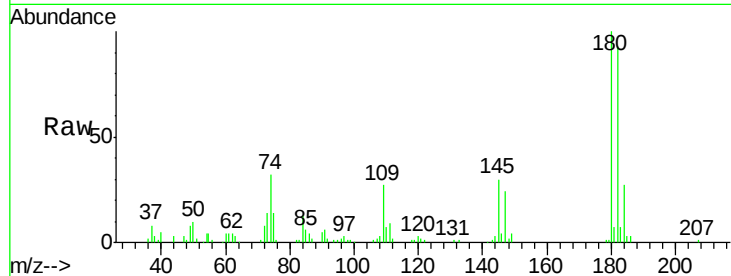




#93
 1,2,4-Trichlorobenzene
 Concen: 20.647 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

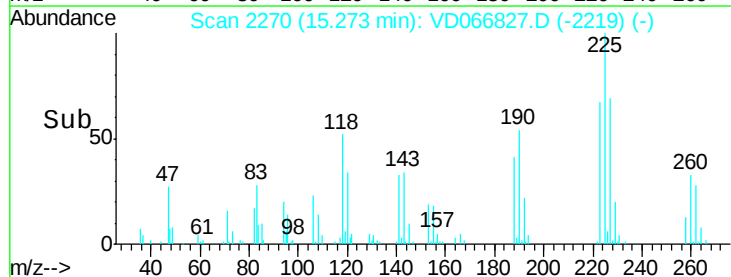
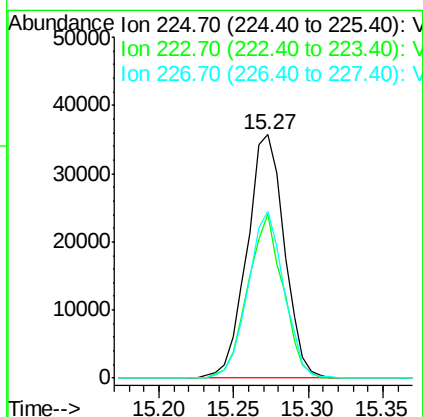
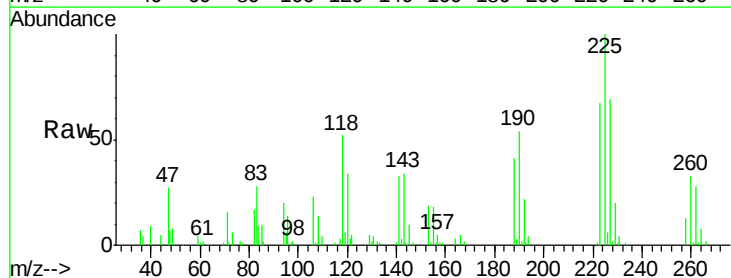
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBSD01

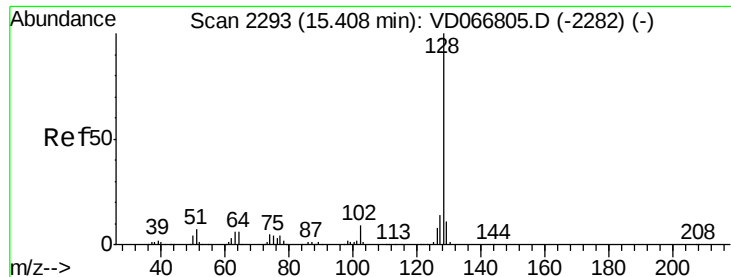
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.8	146.3
145	32.2	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 21.048 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066827.D
 Acq: 23 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.3
227	65.7	31.7	95.1

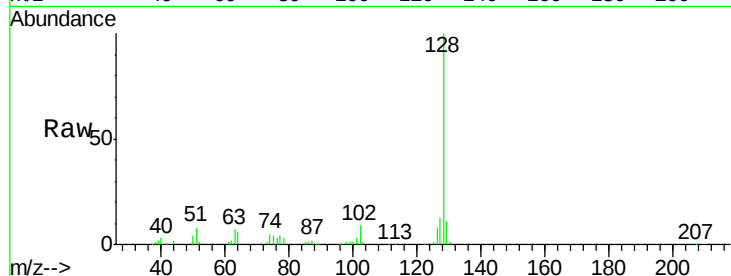




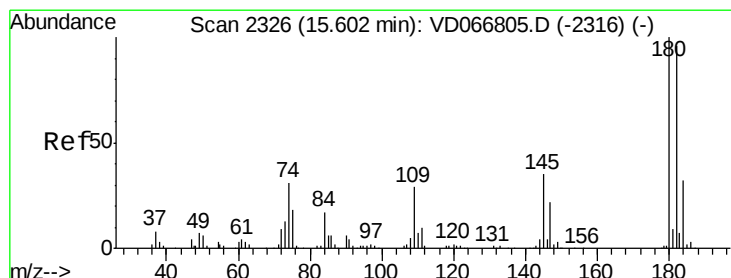
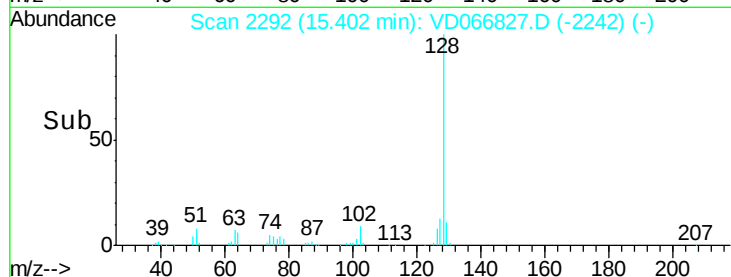
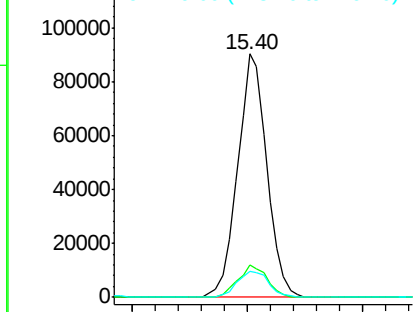
#95
Naphthalene
Concen: 19.031 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

Tgt Ion:128 Resp: 158248
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.4 8.9 13.3

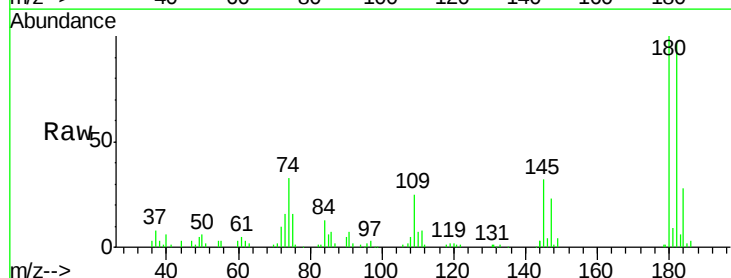


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.197 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066827.D
Acq: 23 Sep 2020 11:49

Tgt Ion:180 Resp: 85383
Ion Ratio Lower Upper
180 100
182 95.7 46.8 140.3
145 35.0 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

