

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092520\
 Data File : VD066867.D
 Acq On : 25 Sep 2020 12:04
 Operator : VA/SY
 Sample : VD0925SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

Quant Time: Sep 25 14:23:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	405015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	631670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	586534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	280865	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	192710	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
35) Dibromofluoromethane	7.91	113	205063	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
50) Toluene-d8	10.34	98	712460	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.63	95	248491	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	75141	23.526	ug/l	92
3) Chloromethane	2.21	50	79041	21.241	ug/l	94
4) Vinyl Chloride	2.35	62	75984	20.668	ug/l	97
5) Bromomethane	2.76	94	51608	19.972	ug/l	94
6) Chloroethane	2.92	64	46669	20.442	ug/l	99
7) Trichlorofluoromethane	3.27	101	156527	20.731	ug/l	99
8) Diethyl Ether	3.71	74	39206	20.454	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	90463	20.663	ug/l	99
10) Methyl Iodide	4.30	142	72810	18.846	ug/l	98
11) Tert butyl alcohol	5.21	59	27482	82.778	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	78011	19.670	ug/l	96
13) Acrolein	3.92	56	28245	96.587	ug/l	87
14) Allyl chloride	4.71	41	113167	19.432	ug/l	98
15) Acrylonitrile	5.42	53	84096	99.001	ug/l	98
16) Acetone	4.16	43	78215	93.010	ug/l	99
17) Carbon Disulfide	4.41	76	247693	20.428	ug/l	98
18) Methyl Acetate	4.72	43	37122	17.420	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	167775	19.480	ug/l	98
20) Methylene Chloride	4.96	84	109296	20.667	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	93049	20.262	ug/l	97
22) Diisopropyl ether	6.37	45	238477	19.916	ug/l	94
23) Vinyl Acetate	6.31	43	578193	90.659	ug/l	96
24) 1,1-Dichloroethane	6.27	63	157263	19.632	ug/l	98
25) 2-Butanone	7.21	43	96983	95.969	ug/l	90
26) 2,2-Dichloropropane	7.21	77	146434	19.944	ug/l	97
27) cis-1,2-Dichloroethene	7.22	96	100510	20.144	ug/l	98
28) Bromochloromethane	7.55	49	63910	19.312	ug/l	98
29) Tetrahydrofuran	7.56	42	63159	97.539	ug/l	99
30) Chloroform	7.71	83	166744	19.311	ug/l	97
31) Cyclohexane	7.98	56	141108	19.577	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	157394	20.150	ug/l	100
36) 1,1-Dichloropropene	8.11	75	129045	20.592	ug/l	99
37) Ethyl Acetate	7.29	43	44295	19.552	ug/l	98
38) Carbon Tetrachloride	8.09	117	140097	20.448	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092520\
 Data File : VD066867.D
 Acq On : 25 Sep 2020 12:04
 Operator : VA/SY
 Sample : VD0925SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0925SBS01

Quant Time: Sep 25 14:23:39 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	9.36	83	147069	20.440	ug/l	97
40) Benzene	8.35	78	360929	20.666	ug/l	97
41) Methacrylonitrile	7.52	41	22256	15.975	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	103984	20.140	ug/l	99
43) Isopropyl Acetate	8.45	43	84826	19.421	ug/l	98
44) Trichloroethene	9.11	130	103422	20.775	ug/l	99
45) 1,2-Dichloropropane	9.38	63	85799	19.525	ug/l	92
46) Dibromomethane	9.47	93	47924	20.073	ug/l	93
47) Bromodichloromethane	9.66	83	131262	20.466	ug/l	96
48) Methyl methacrylate	9.45	41	40731	18.914	ug/l	97
49) 1,4-Dioxane	9.46	88	13150	426.133	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	223261	100.880	ug/l	100
52) Toluene	10.40	92	240668	21.393	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	113265	20.749	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	136277	20.474	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	70485	21.475	ug/l	100
56) Ethyl methacrylate	10.66	69	68370	19.445	ug/l	93
57) 1,3-Dichloropropane	10.94	76	112822	20.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	192828	115.824	ug/l	99
59) 2-Hexanone	10.98	43	151666	101.620	ug/l	99
60) Dibromochloromethane	11.14	129	87374	20.397	ug/l	98
61) 1,2-Dibromoethane	11.24	107	64137	21.009	ug/l	99
64) Tetrachloroethene	10.87	164	89475	21.208	ug/l	97
65) Chlorobenzene	11.67	112	249115	20.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	93617	20.260	ug/l	99
67) Ethyl Benzene	11.74	91	428100	19.965	ug/l	99
68) m/p-Xylenes	11.86	106	339076	41.765	ug/l	98
69) o-Xylene	12.18	106	147281	20.063	ug/l	99
70) Styrene	12.19	104	263117	20.639	ug/l	99
71) Bromoform	12.36	173	48396	20.686	ug/l #	95
73) Isopropylbenzene	12.48	105	415446	20.476	ug/l	99
74) N-amyl acetate	12.28	43	78018	19.690	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	72697	20.764	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	90883	39.046	ug/l #	100
77) Bromobenzene	12.76	156	101062	21.297	ug/l	95
78) n-propylbenzene	12.82	91	498999	20.443	ug/l	99
79) 2-Chlorotoluene	12.91	91	284715	20.469	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	354619	20.598	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	18779	20.185	ug/l	95
82) 4-Chlorotoluene	13.00	91	308675	21.052	ug/l	99
83) tert-Butylbenzene	13.23	119	290775	20.554	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	354391	20.759	ug/l	99
85) sec-Butylbenzene	13.40	105	416387	20.468	ug/l	100
86) p-Isopropyltoluene	13.52	119	381578	20.809	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	194907	20.790	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	191794	20.598	ug/l	99
89) n-Butylbenzene	13.84	91	356146	20.434	ug/l	99
90) Hexachloroethane	14.11	117	74518	20.017	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	168051	20.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	10725	19.043	ug/l	89

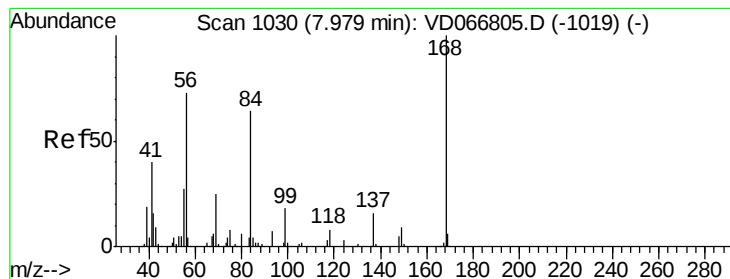
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD092520\
Data File : VD066867.D
Acq On : 25 Sep 2020 12:04
Operator : VA/SY
Sample : VD0925SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD01

Quant Time: Sep 25 14:23:39 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	102158	20.233	ug/l	97
94) Hexachlorobutadiene	15.27	225	64239	21.231	ug/l	98
95) Naphthalene	15.41	128	166990	19.480	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	89142	20.455	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

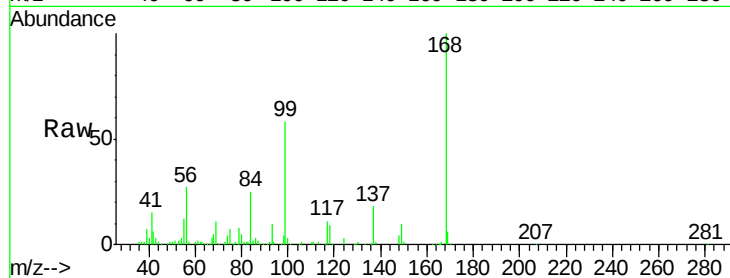
VD0925SBSD01

Tgt Ion:168 Resp: 405015

Ion Ratio Lower Upper

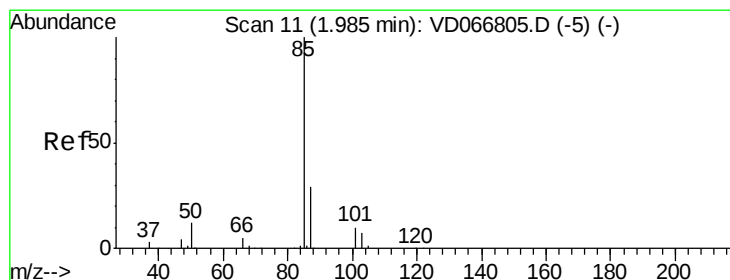
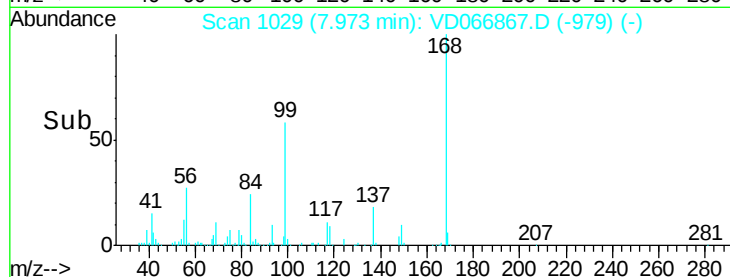
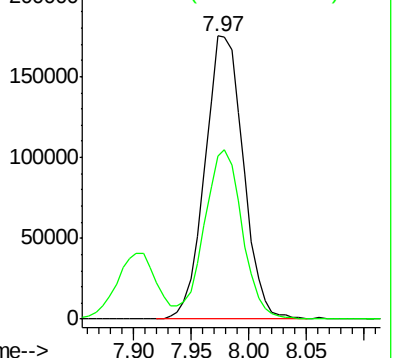
168 100

99 57.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 23.526 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066867.D

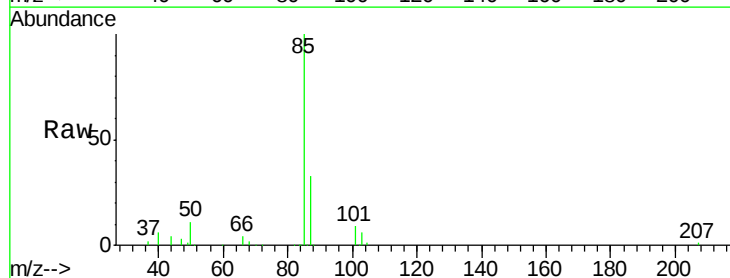
Acq: 25 Sep 2020 12:04

Tgt Ion: 85 Resp: 75141

Ion Ratio Lower Upper

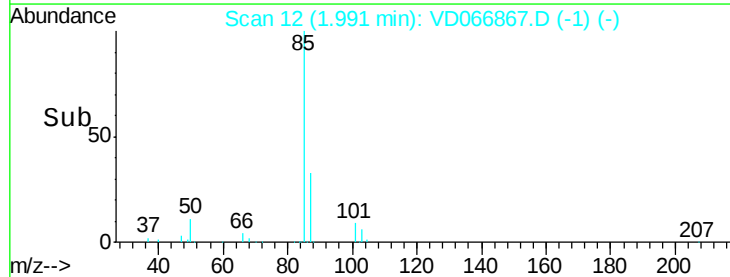
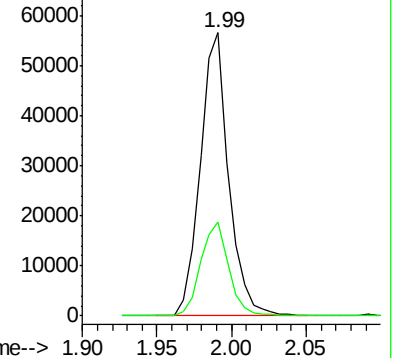
85 100

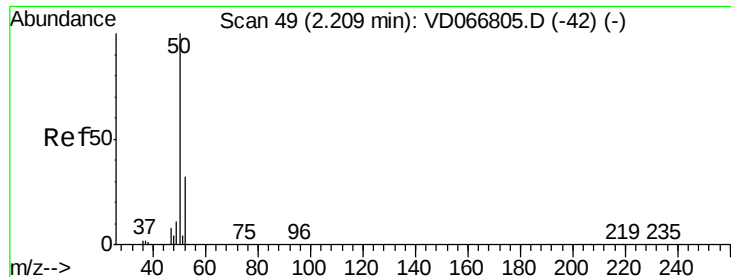
87 33.1 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.241 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

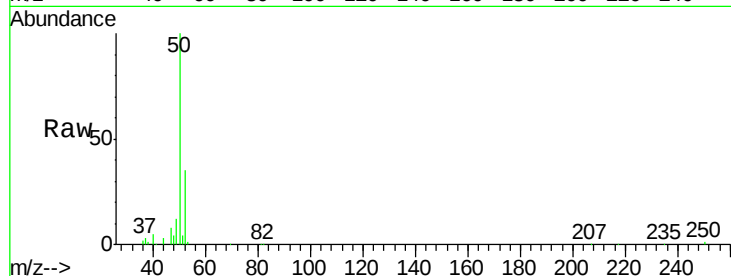
VD0925SBSD01

Tgt Ion: 50 Resp: 79041

Ion Ratio Lower Upper

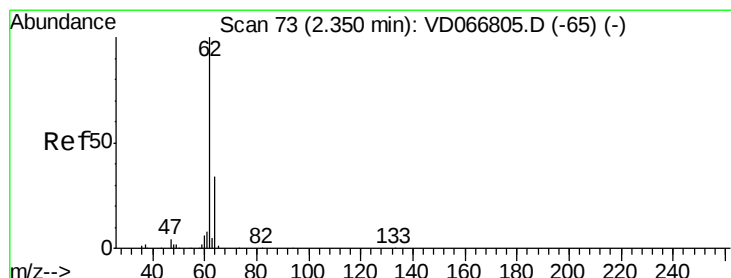
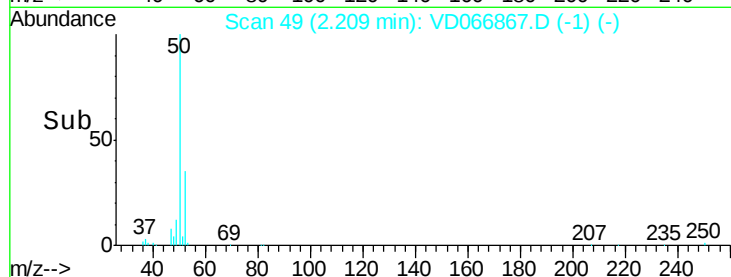
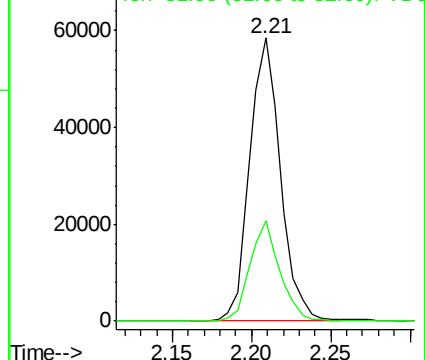
50 100

52 35.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.668 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066867.D

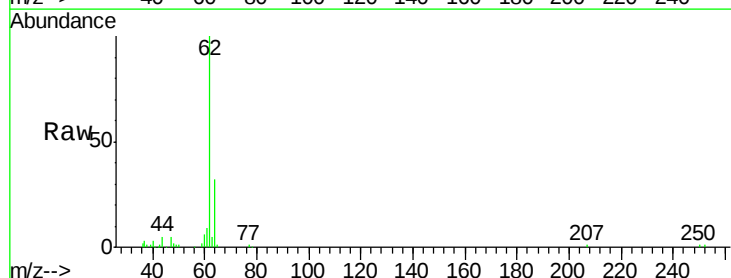
Acq: 25 Sep 2020 12:04

Tgt Ion: 62 Resp: 75984

Ion Ratio Lower Upper

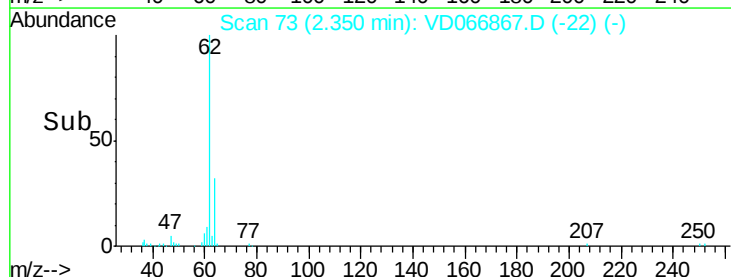
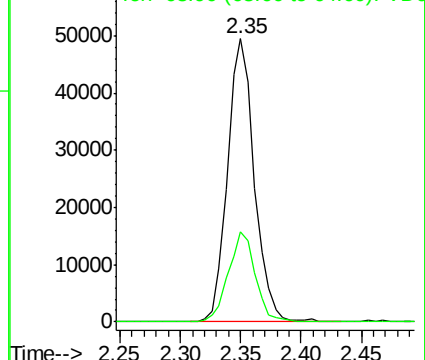
62 100

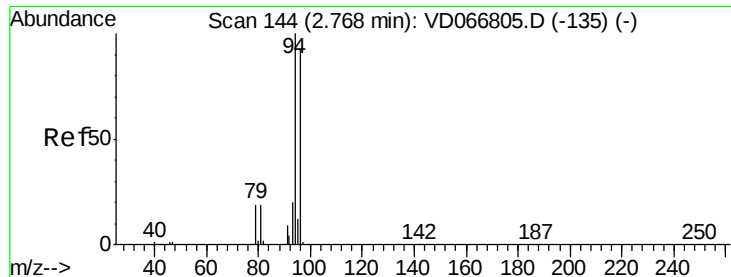
64 31.9 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.972 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

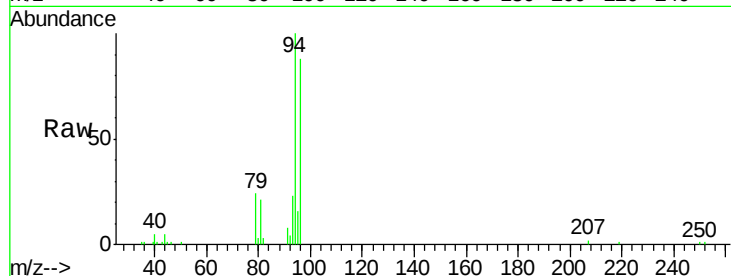
VD0925SBSD01

Tgt Ion: 94 Resp: 51608

Ion Ratio Lower Upper

94 100

96 86.8 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

20000

15000

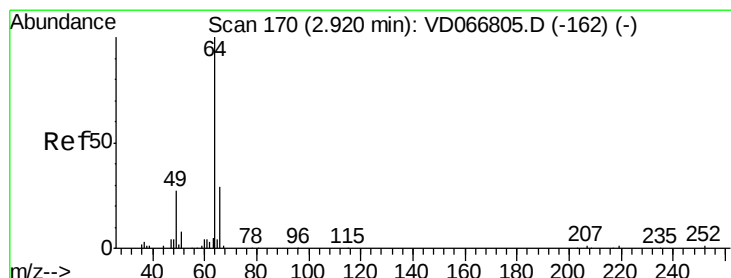
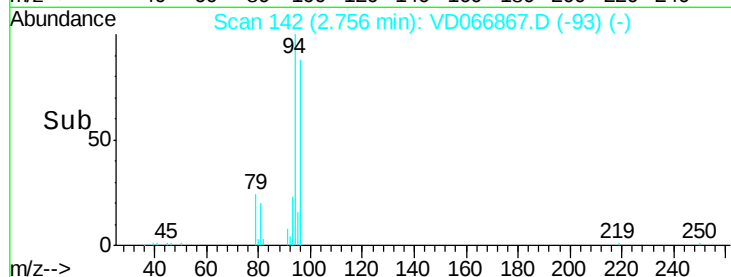
10000

5000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 20.442 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066867.D

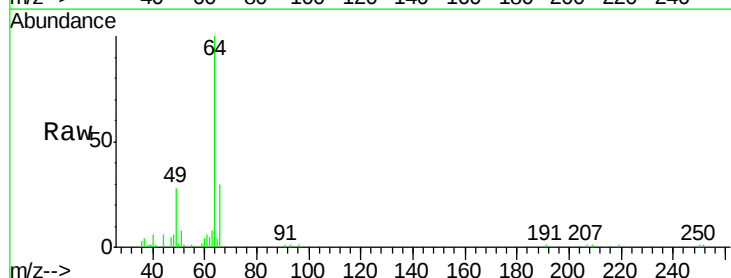
Acq: 25 Sep 2020 12:04

Tgt Ion: 64 Resp: 46669

Ion Ratio Lower Upper

64 100

66 29.8 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

25000

20000

15000

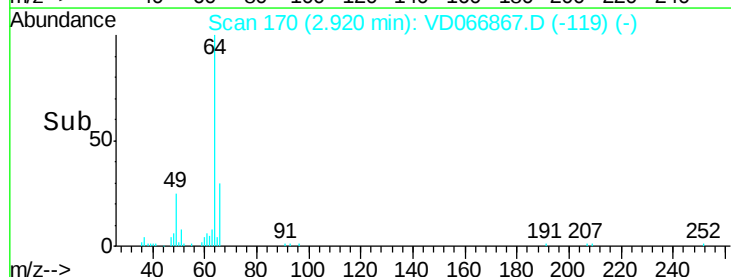
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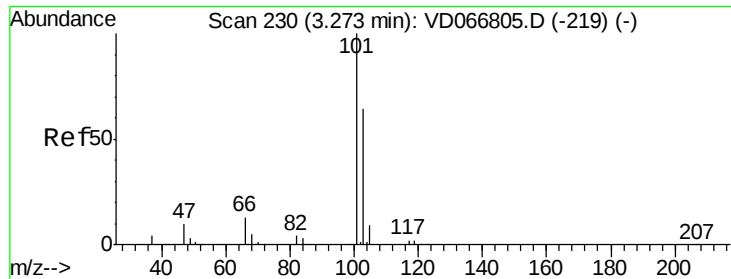
5000

0

Time-->

2.90 3.00



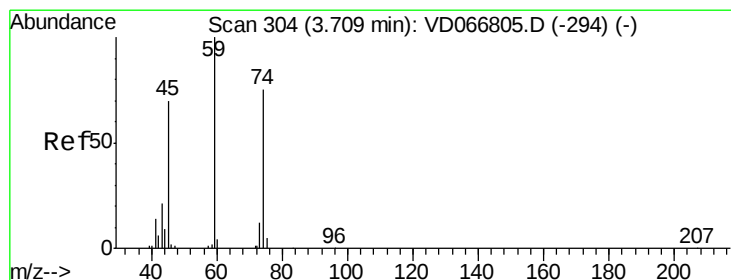
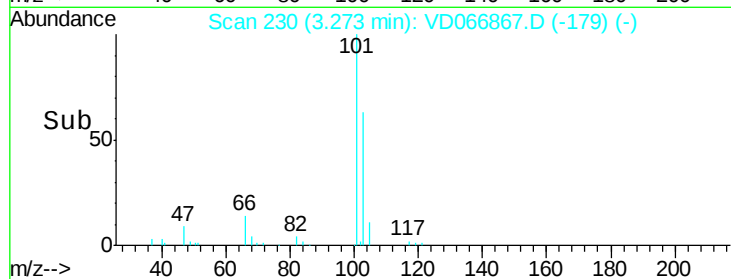
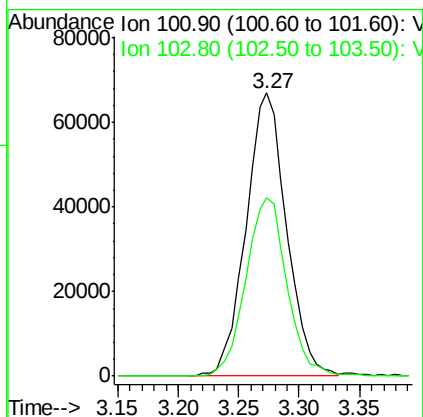
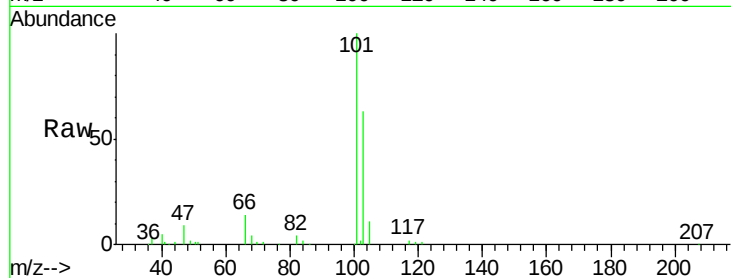


#7

Trichlorofluoromethane
 Concen: 20.731 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

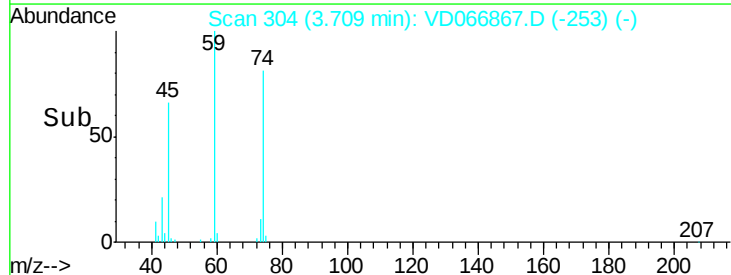
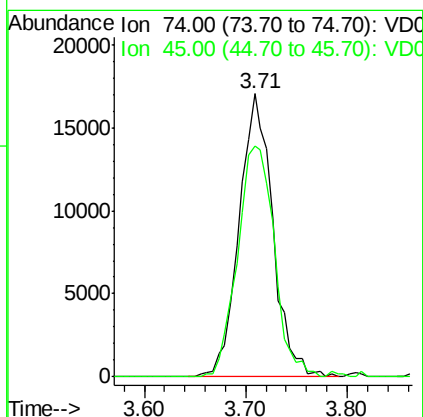
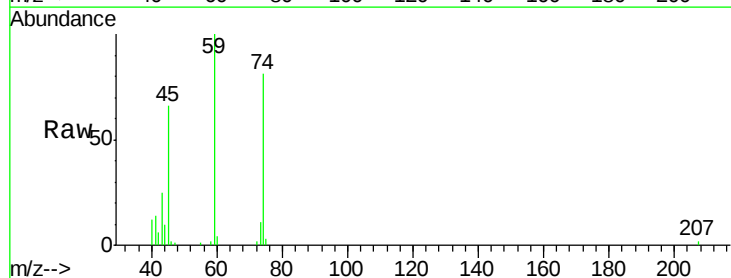
Tgt Ion:101 Resp: 156527
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.0 76.6

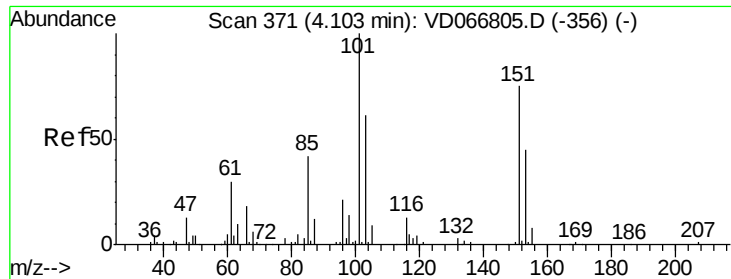


#8

Diethyl Ether
 Concen: 20.454 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion: 74 Resp: 39206
 Ion Ratio Lower Upper
 74 100
 45 89.4 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.663 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD01

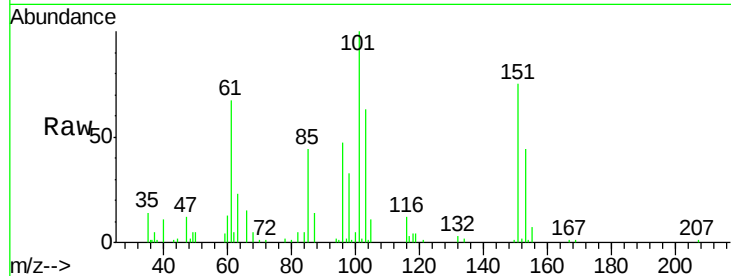
Tgt Ion:101 Resp: 90463

Ion Ratio Lower Upper

101 100

85 44.4 35.4 53.2

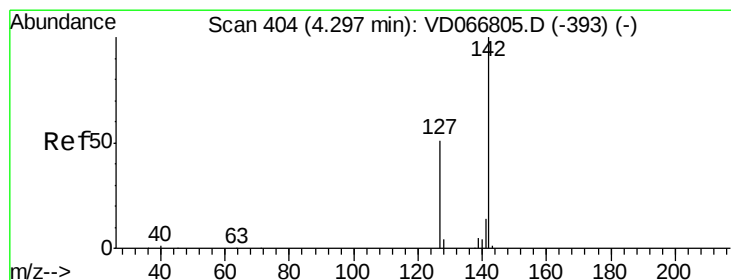
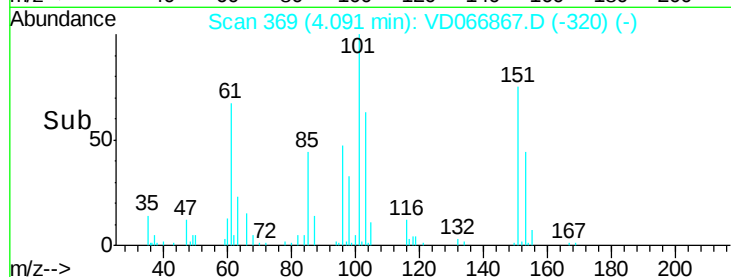
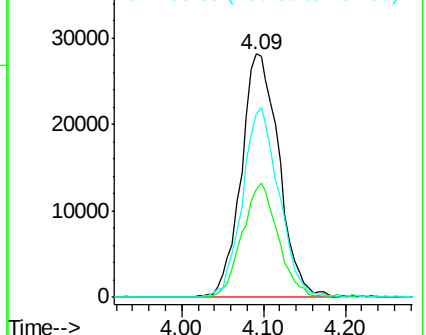
151 75.5 61.4 92.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.846 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

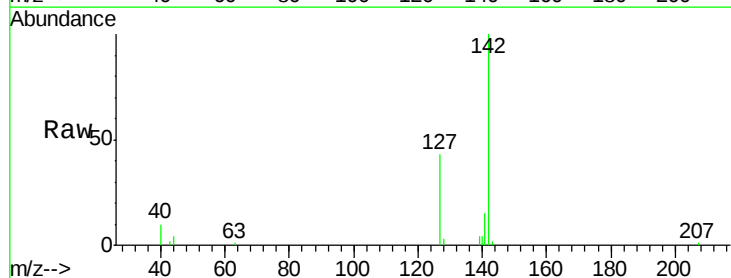
Tgt Ion:142 Resp: 72810

Ion Ratio Lower Upper

142 100

127 47.9 39.4 59.0

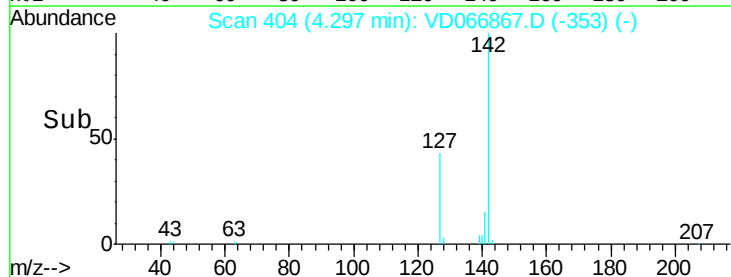
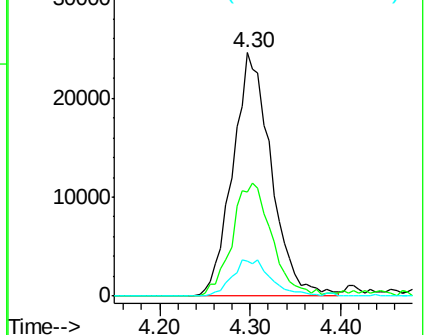
141 15.0 12.1 18.1

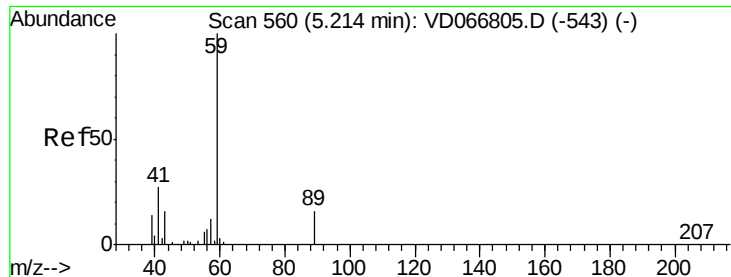


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

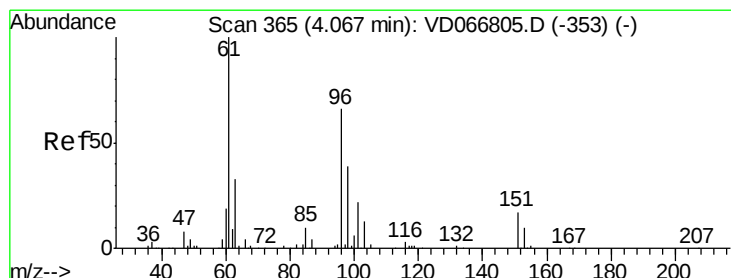
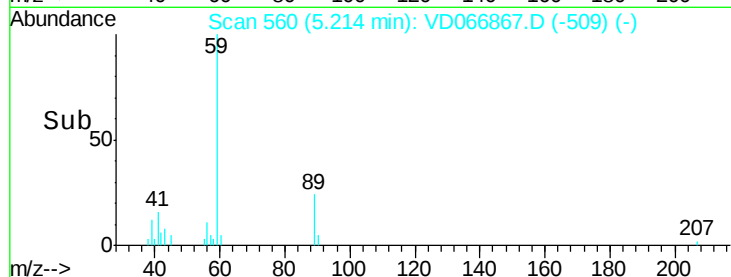
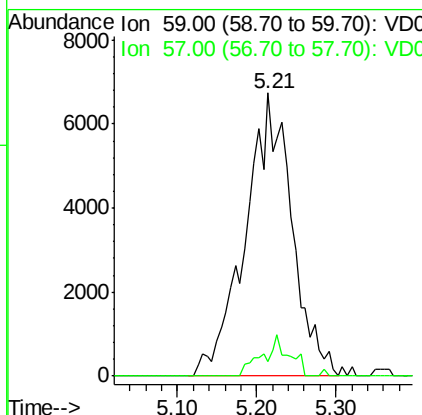
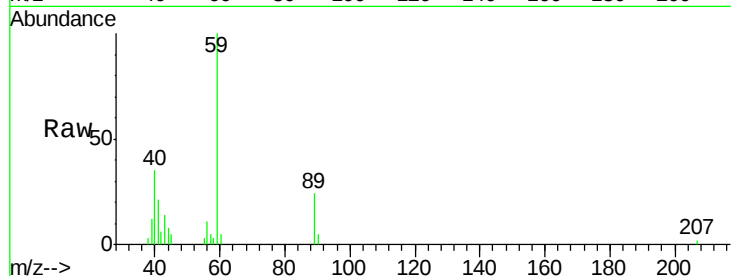




#11
 Tert butyl alcohol
 Concen: 82.778 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

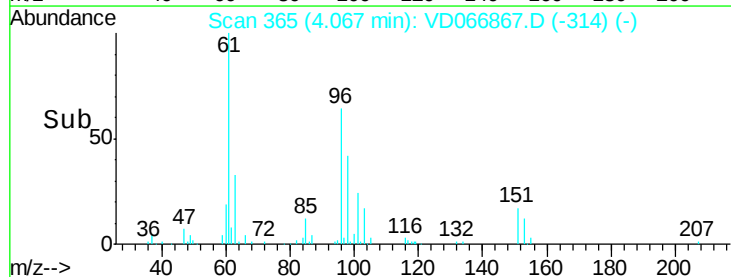
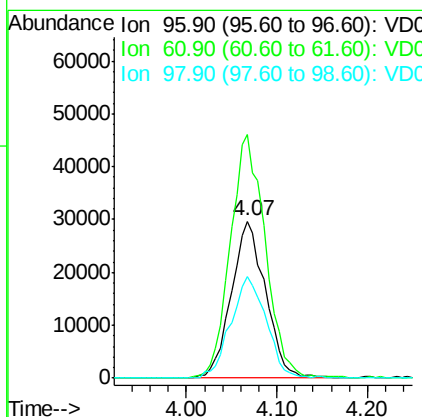
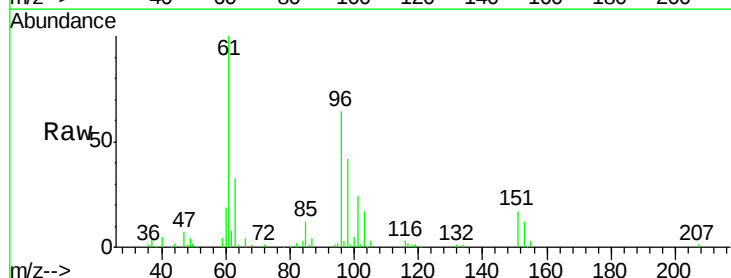
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

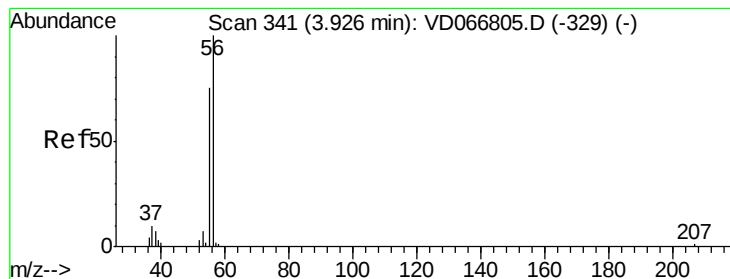
Tgt Ion: 59 Resp: 27482
 Ion Ratio Lower Upper
 59 100
 57 8.2 8.3 12.5#



#12
 1,1-Dichloroethene
 Concen: 19.670 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion: 96 Resp: 78011
 Ion Ratio Lower Upper
 96 100
 61 154.7 120.8 181.2
 98 64.5 47.7 71.5





#13

Acrolein

Concen: 96.587 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

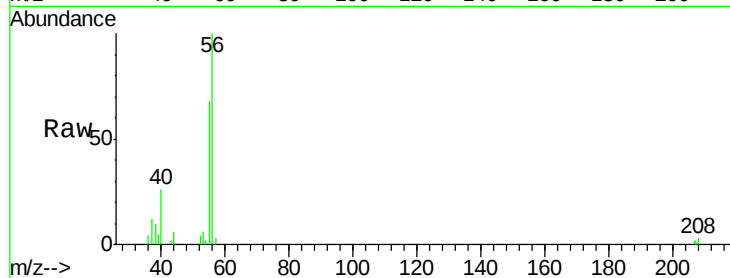
VD0925SBSD01

Tgt Ion: 56 Resp: 28245

Ion Ratio Lower Upper

56 100

55 64.3 60.3 90.5

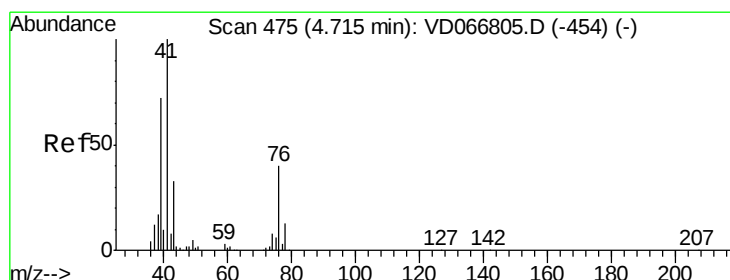
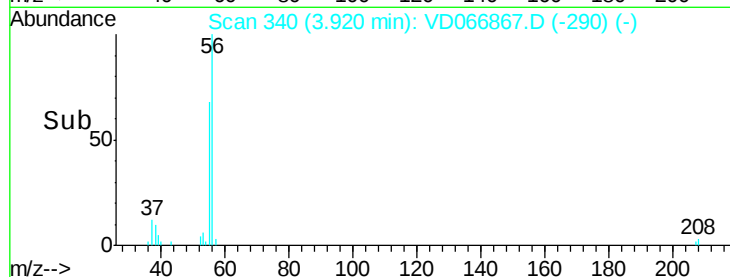


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

Time-->



#14

Allyl chloride

Concen: 19.432 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

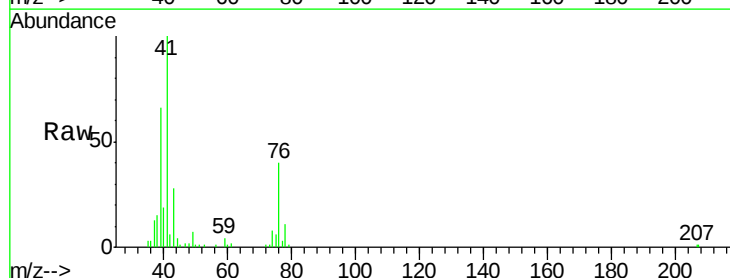
Tgt Ion: 41 Resp: 113167

Ion Ratio Lower Upper

41 100

39 70.8 57.8 86.8

76 40.3 30.9 46.3



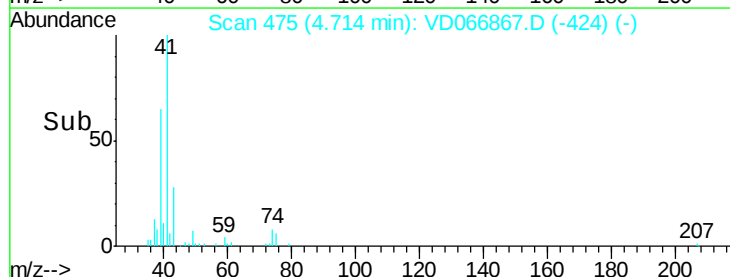
Abundance Ion 41.00 (40.70 to 41.70): VDC

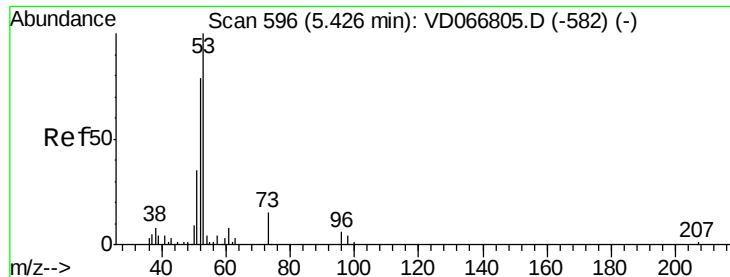
Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

Time-->





#15

Acrylonitrile

Concen: 99.001 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD01

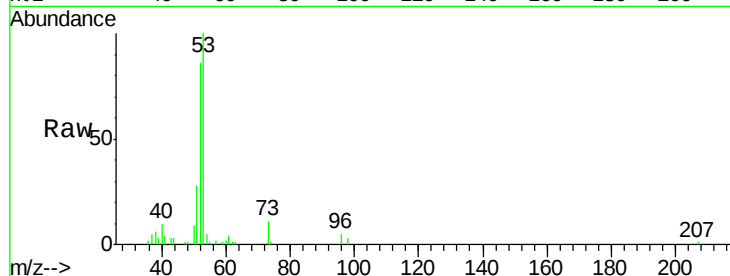
Tgt Ion: 53 Resp: 84096

Ion Ratio Lower Upper

53 100

52 82.3 65.2 97.8

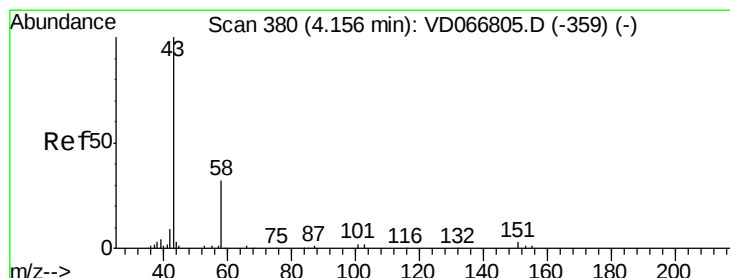
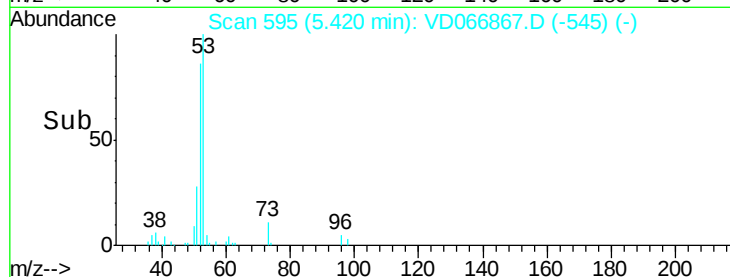
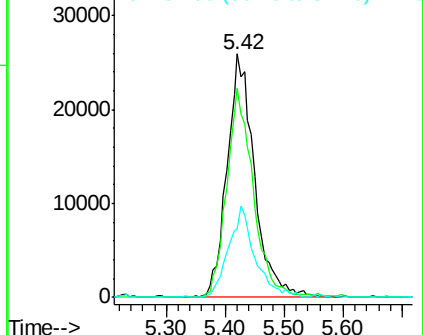
51 35.9 30.6 46.0



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: 93.010 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066867.D

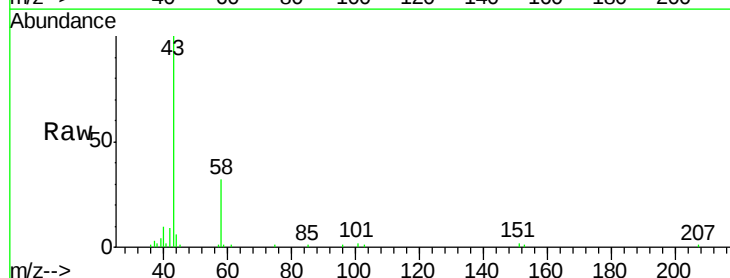
Acq: 25 Sep 2020 12:04

Tgt Ion: 43 Resp: 78215

Ion Ratio Lower Upper

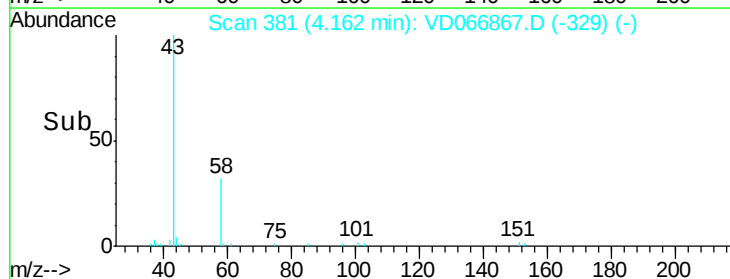
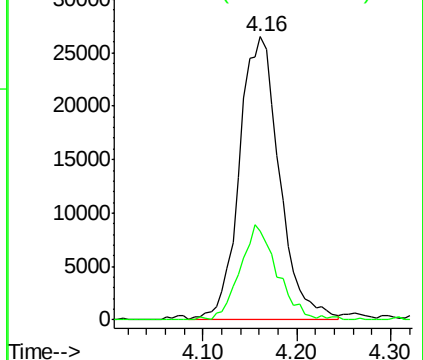
43 100

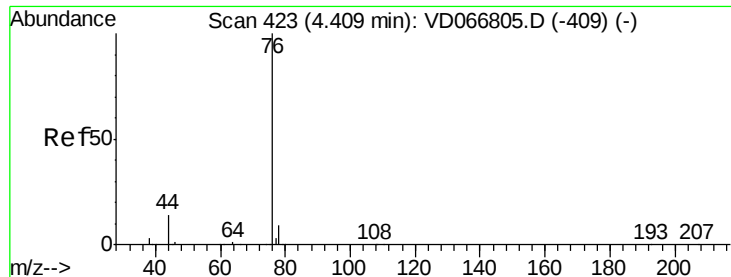
58 31.6 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

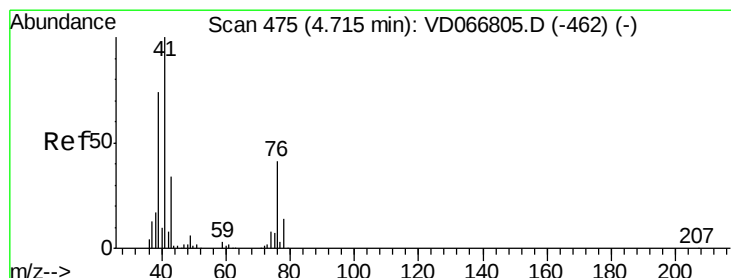
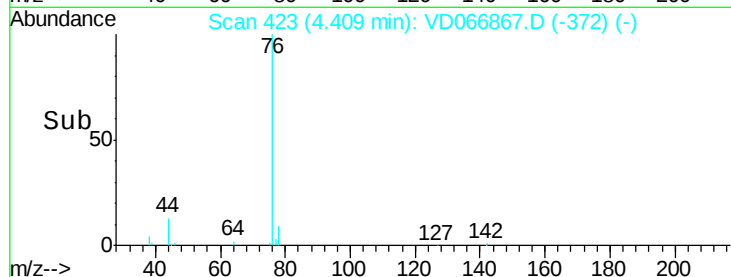
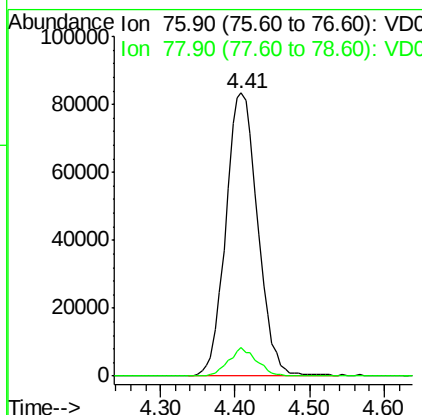
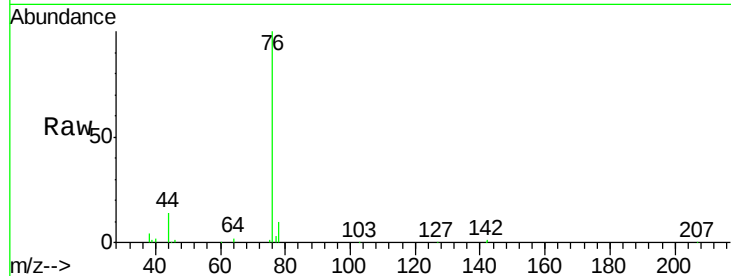




#17
Carbon Disulfide
Concen: 20.428 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

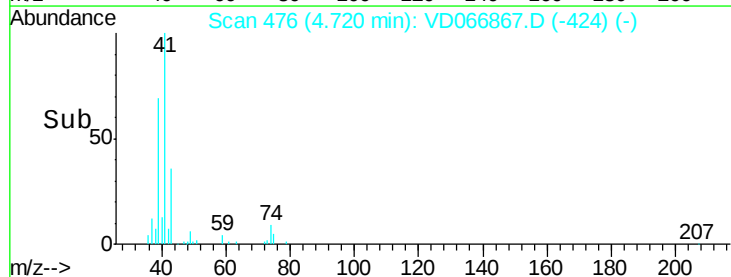
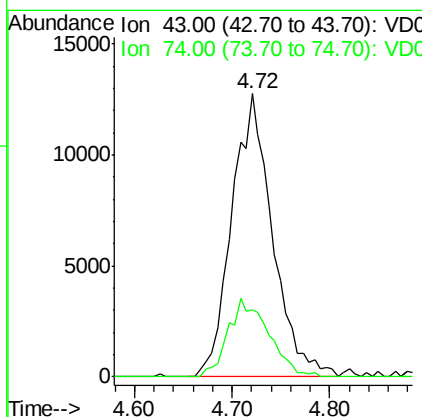
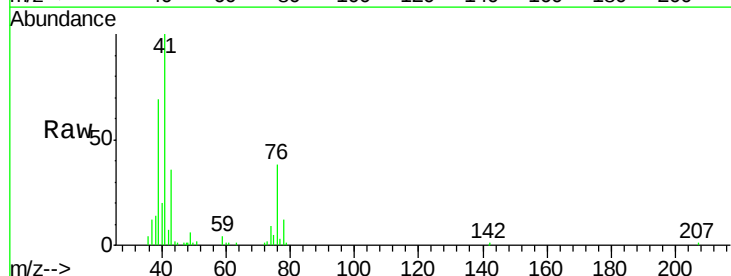
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

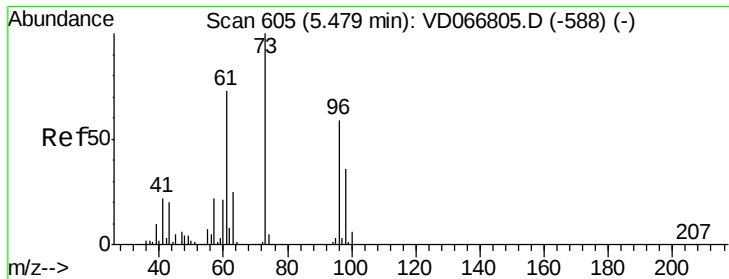
Tgt Ion: 76 Resp: 247693
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4



#18
Methyl Acetate
Concen: 17.420 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion: 43 Resp: 37122
Ion Ratio Lower Upper
43 100
74 27.6 20.3 30.5

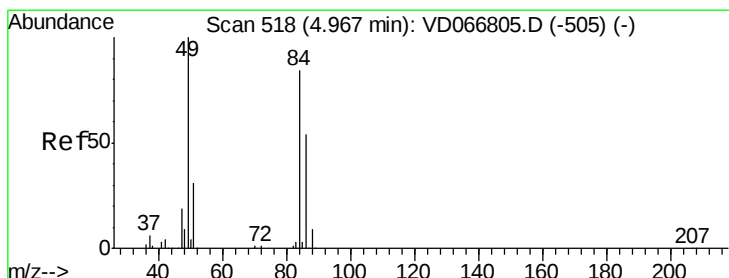
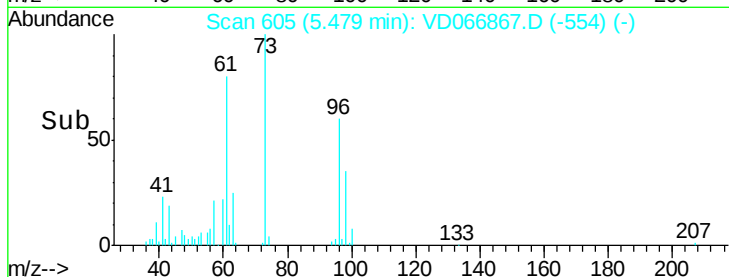
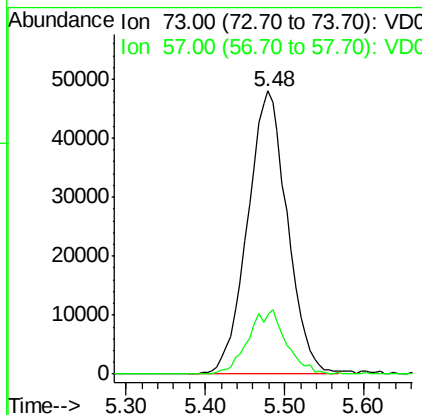
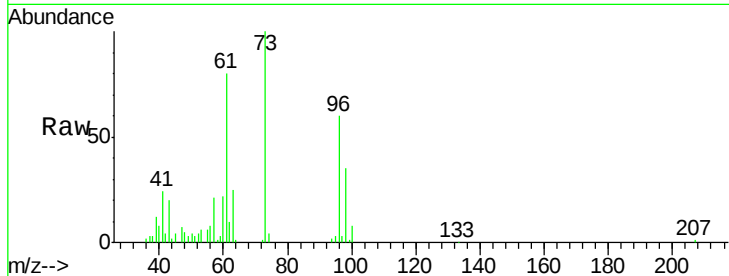




#19
Methyl tert-butyl Ether
Concen: 19.480 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

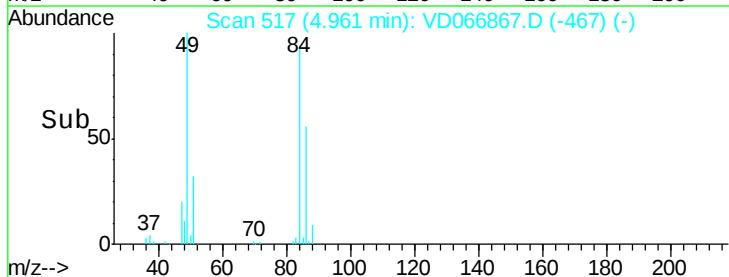
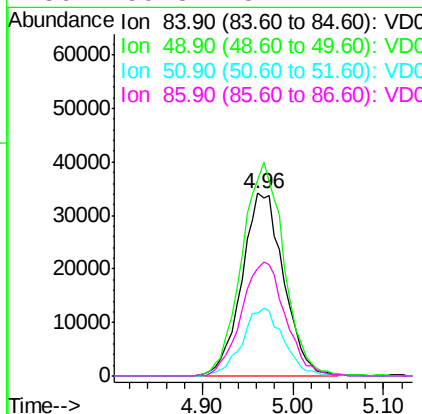
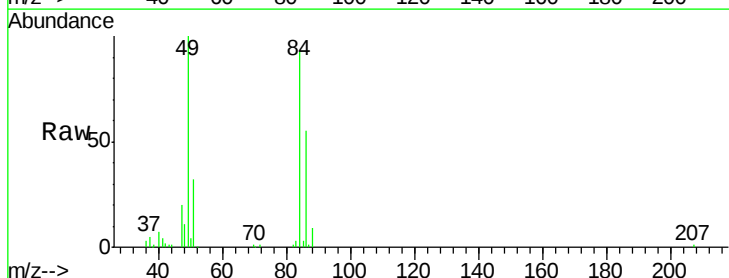
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD01

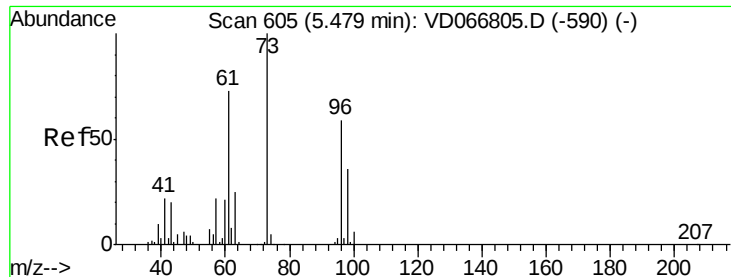
Tgt Ion: 73 Resp: 167775
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.2



#20
Methylene Chloride
Concen: 20.667 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion: 84 Resp: 109296
Ion Ratio Lower Upper
84 100
49 107.6 95.4 143.2
51 34.6 29.7 44.5
86 59.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.262 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD01

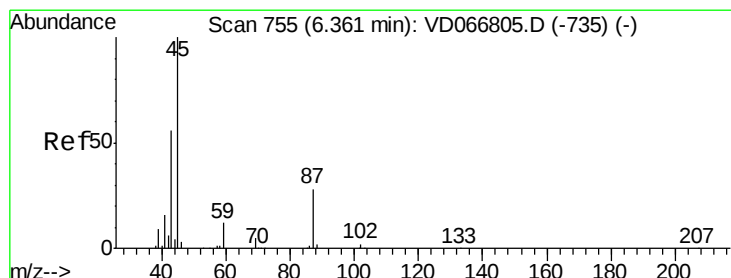
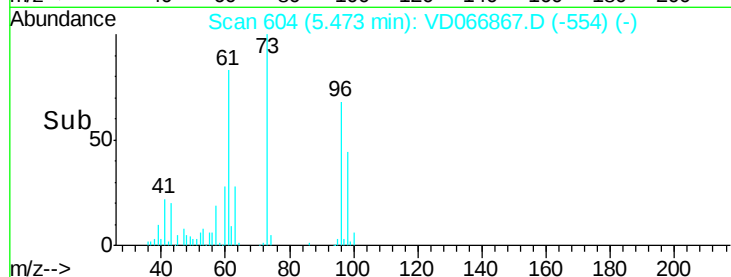
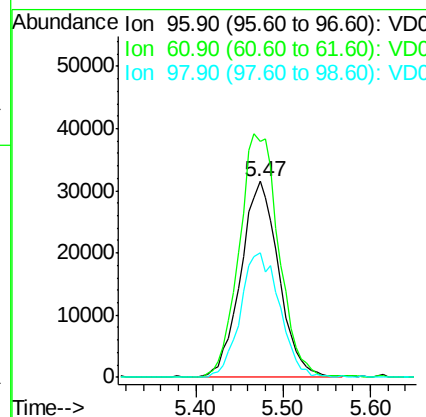
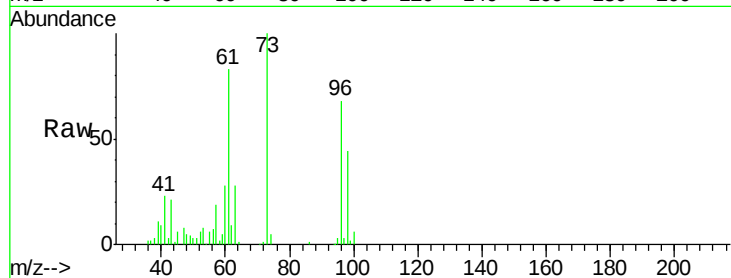
Tgt Ion: 96 Resp: 93049

Ion Ratio Lower Upper

96 100

61 120.5 98.9 148.3

98 63.8 48.4 72.6



#22

Diisopropyl ether

Concen: 19.916 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Tgt Ion: 45 Resp: 238477

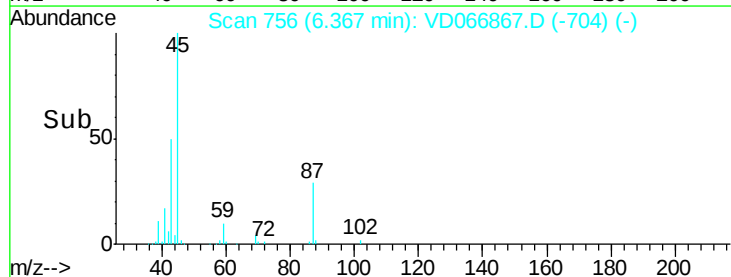
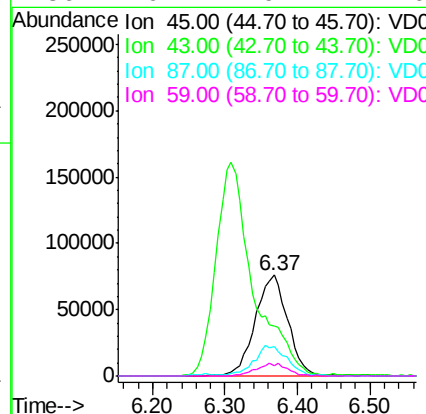
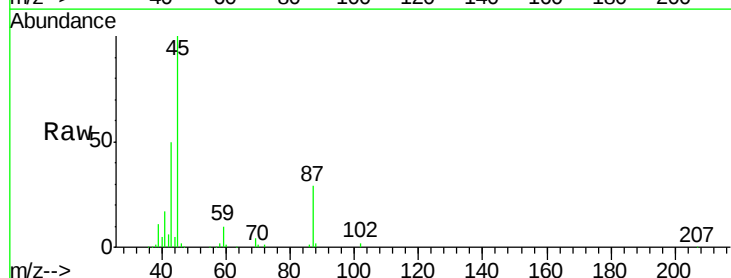
Ion Ratio Lower Upper

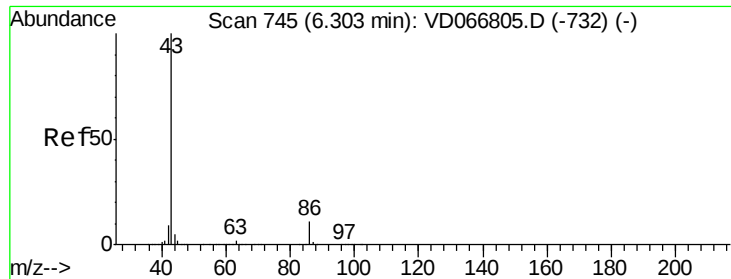
45 100

43 49.0 44.5 66.7

87 29.0 22.9 34.3

59 10.2 9.4 14.0





#23

Vinyl Acetate

Concen: 90.659 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

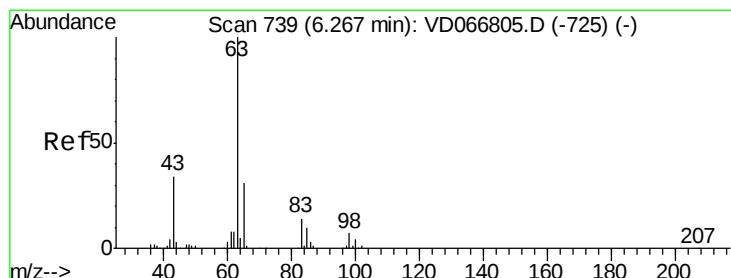
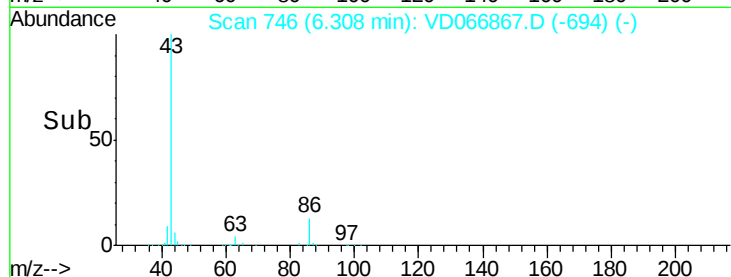
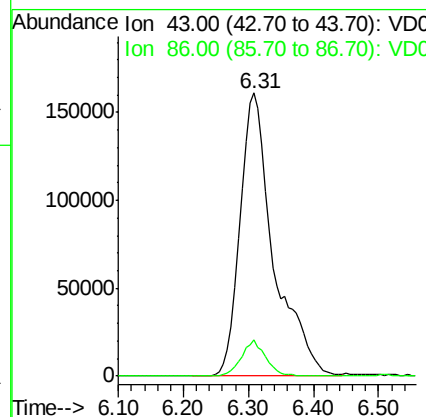
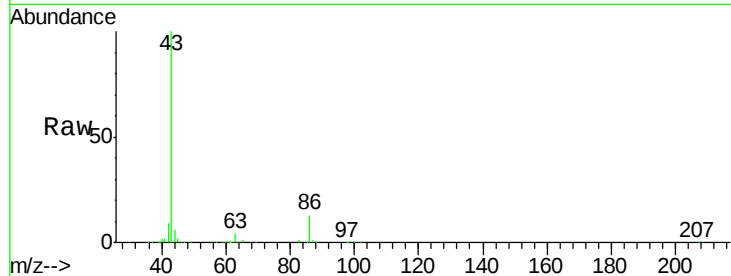
VD0925SBS01

Tgt Ion: 43 Resp: 578193

Ion Ratio Lower Upper

43 100

86 12.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.632 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

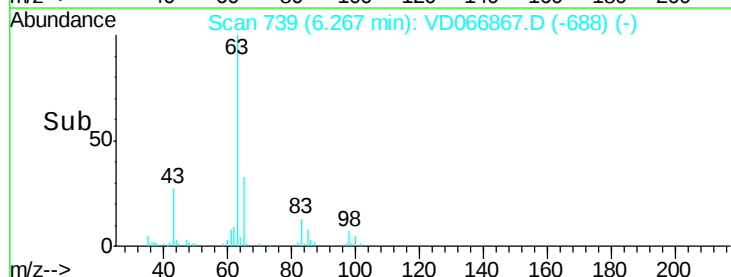
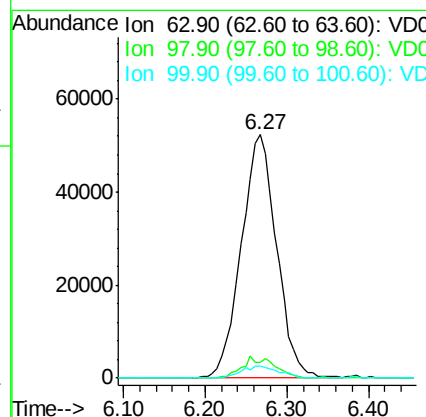
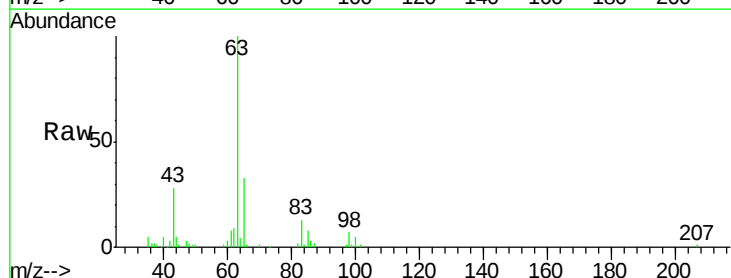
Tgt Ion: 63 Resp: 157263

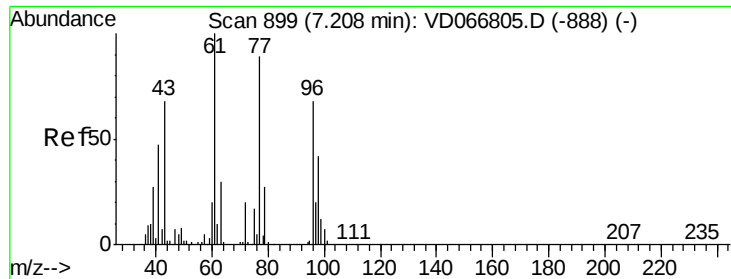
Ion Ratio Lower Upper

63 100

98 6.7 3.7 11.1

100 4.7 1.8 5.5





#25

2-Butanone

Concen: 95.969 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

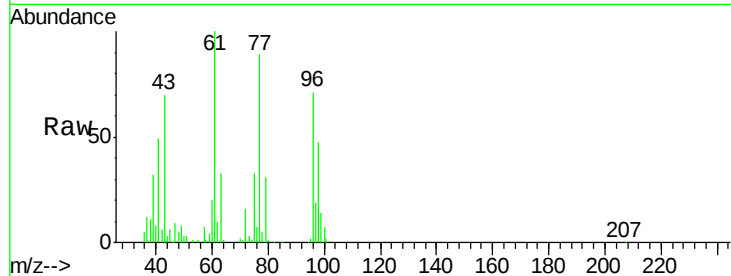
VD0925SBSD01

Tgt Ion: 43 Resp: 96983

Ion Ratio Lower Upper

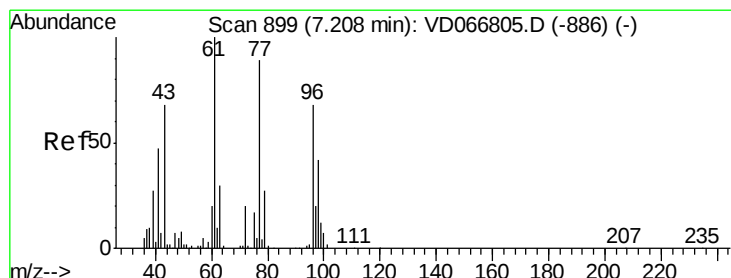
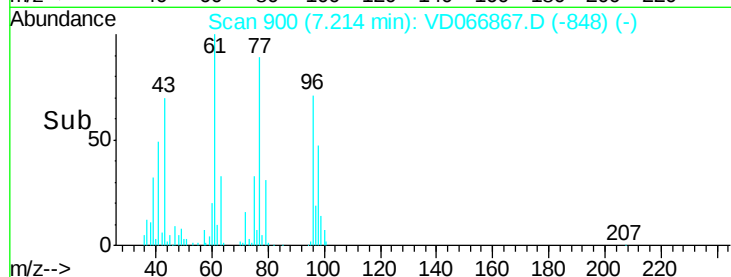
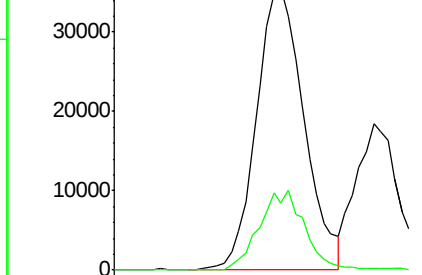
43 100

72 23.5 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: 19.944 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066867.D

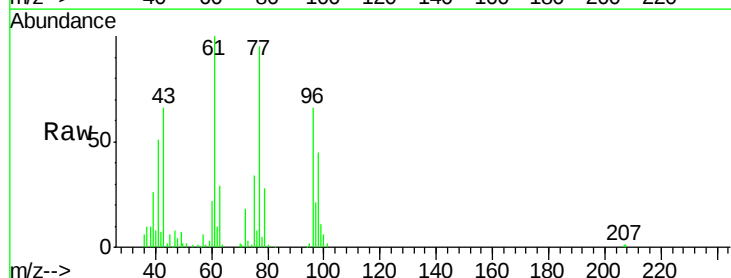
Acq: 25 Sep 2020 12:04

Tgt Ion: 77 Resp: 146434

Ion Ratio Lower Upper

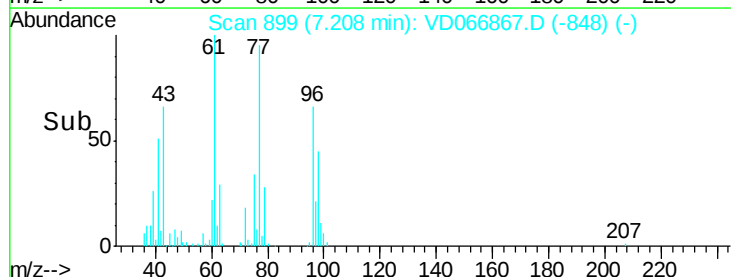
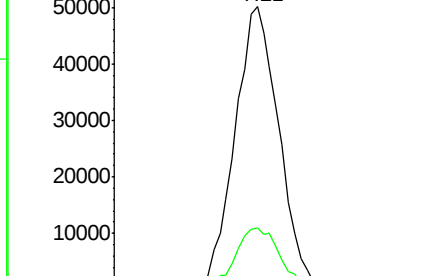
77 100

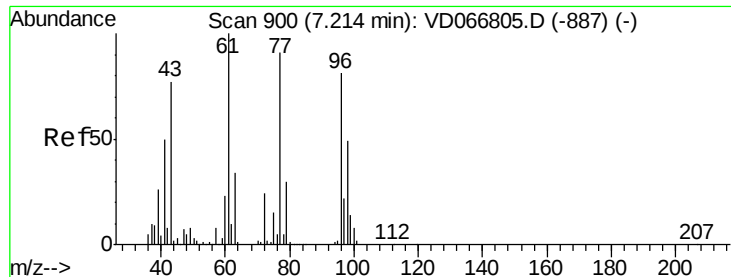
97 21.9 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



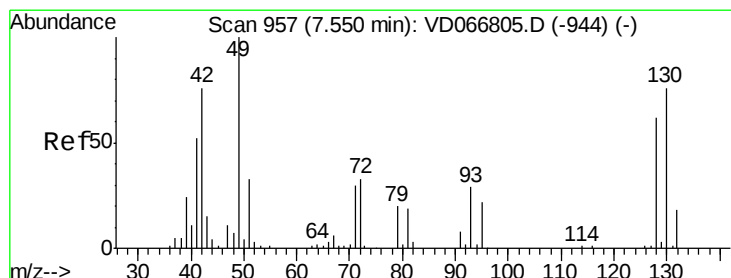
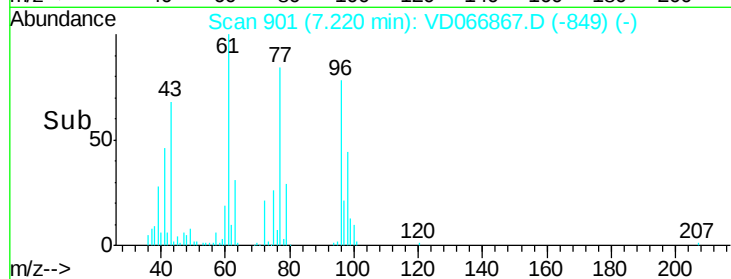
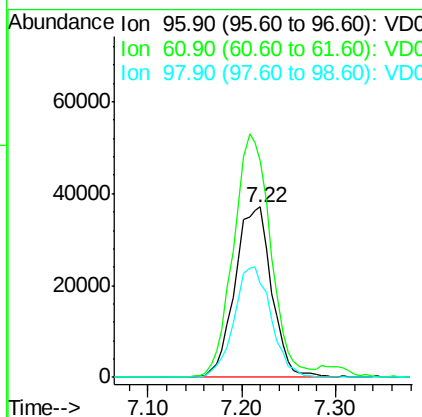
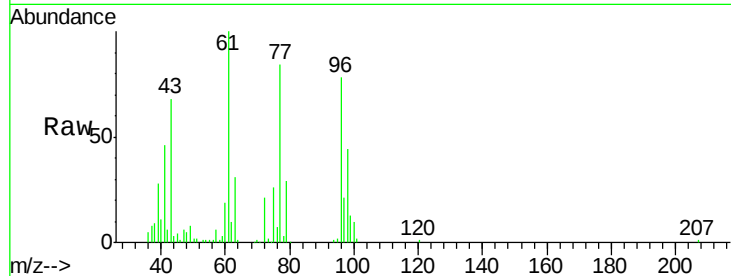


#27

cis-1,2-Dichloroethene
Concen: 20.144 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD01

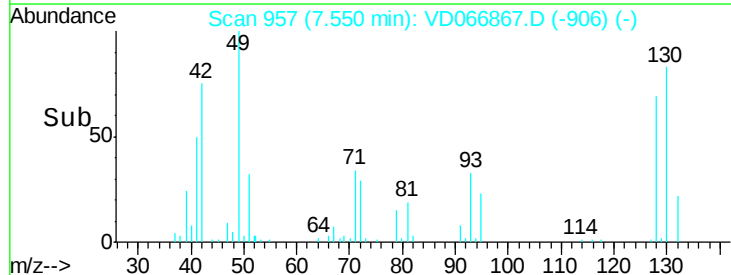
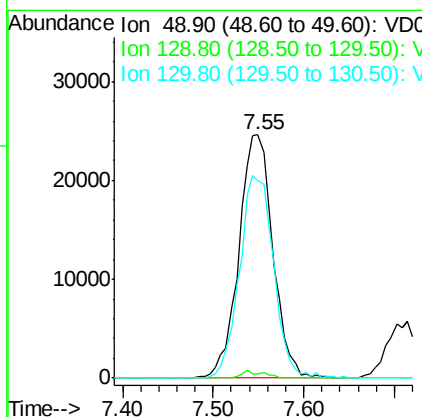
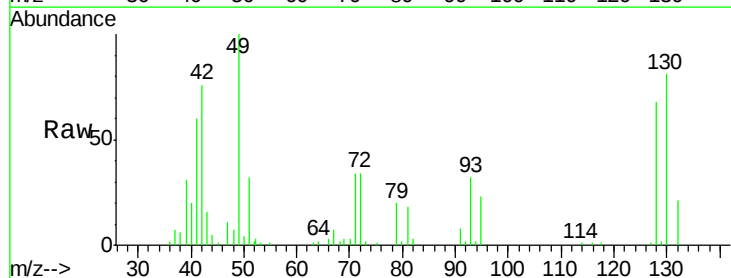
Tgt Ion: 96 Resp: 100510
Ion Ratio Lower Upper
96 100
61 144.7 0.0 283.8
98 65.2 0.0 128.4

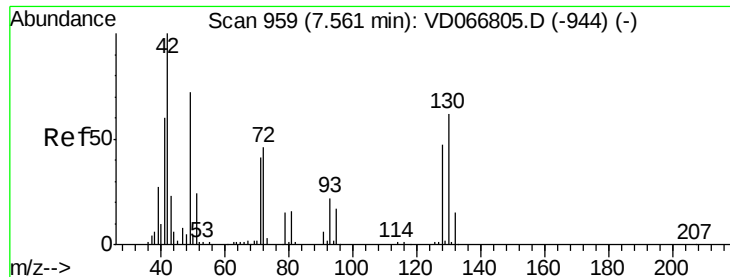


#28

Bromochloromethane
Concen: 19.312 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion: 49 Resp: 63910
Ion Ratio Lower Upper
49 100
129 2.0 0.0 2.0
130 84.1 65.9 98.9

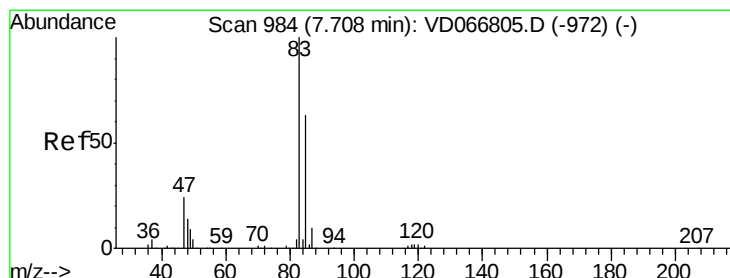
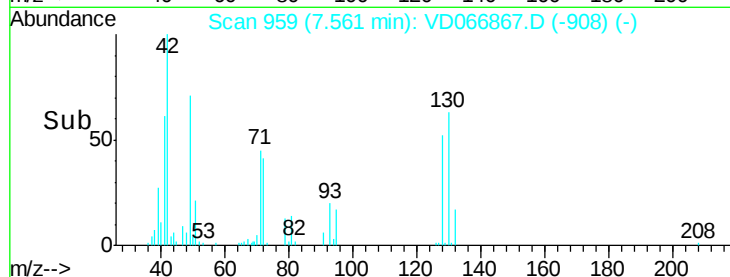
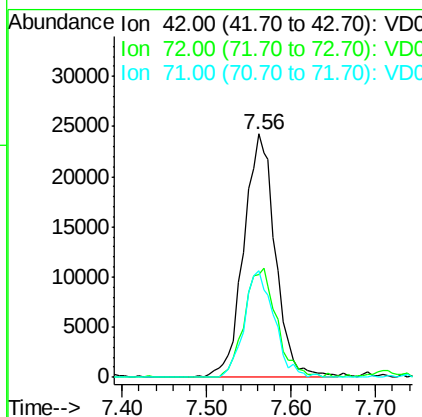
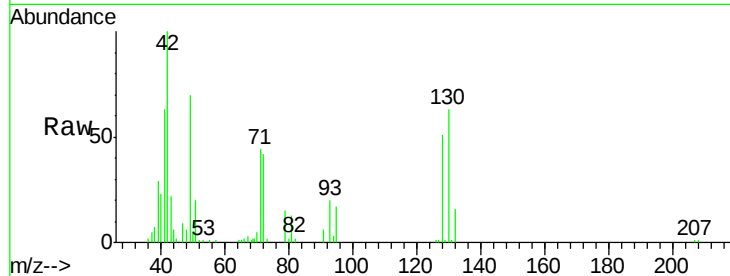




#29
Tetrahydrofuran
Concen: 97.539 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

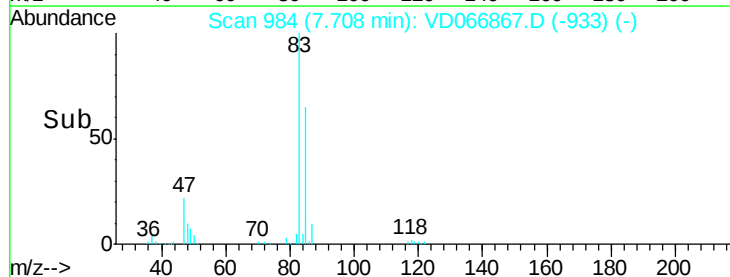
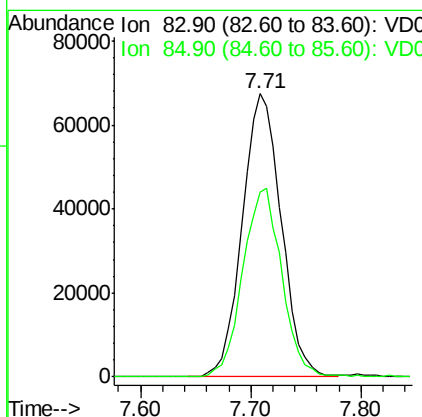
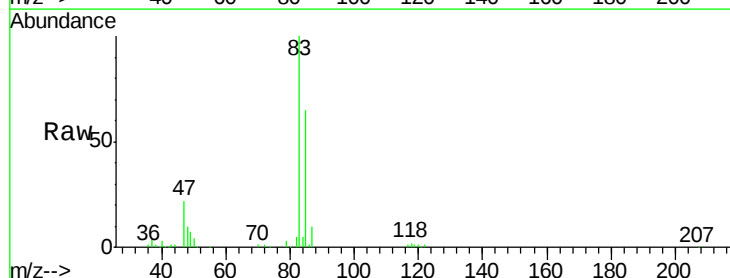
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

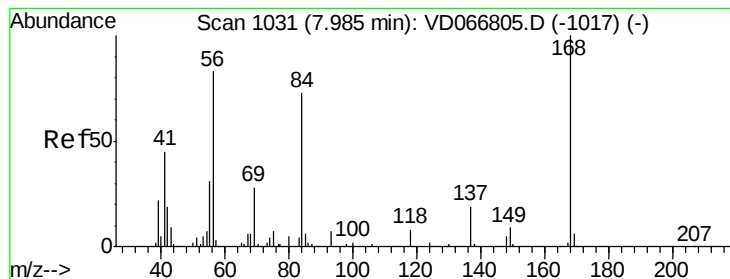
Tgt Ion: 42 Resp: 63159
Ion Ratio Lower Upper
42 100
72 45.6 36.2 54.4
71 41.1 32.4 48.6



#30
Chloroform
Concen: 19.311 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion: 83 Resp: 166744
Ion Ratio Lower Upper
83 100
85 65.4 50.6 75.8





#31

Cyclohexane

Concen: 19.577 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD01

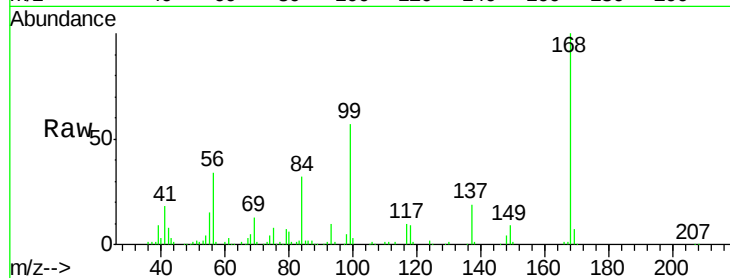
Tgt Ion: 56 Resp: 141108

Ion Ratio Lower Upper

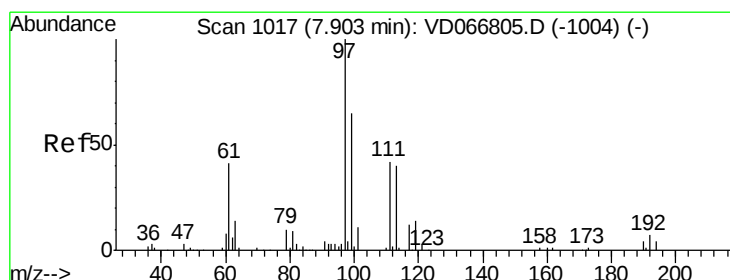
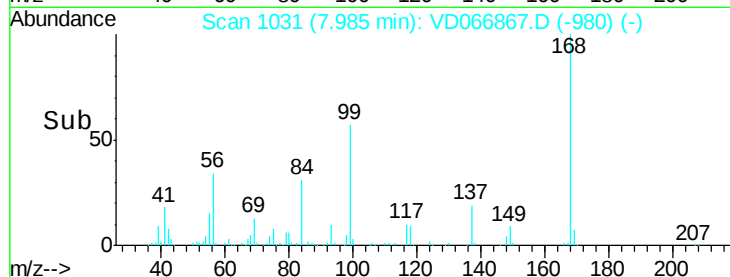
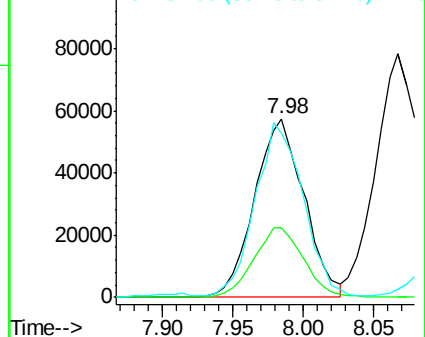
56 100

69 38.8 27.0 40.4

84 91.0 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: 20.150 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

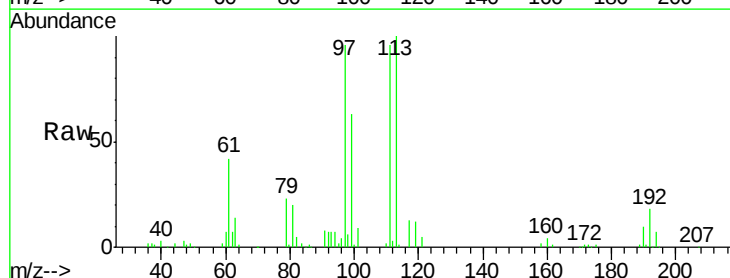
Tgt Ion: 97 Resp: 157394

Ion Ratio Lower Upper

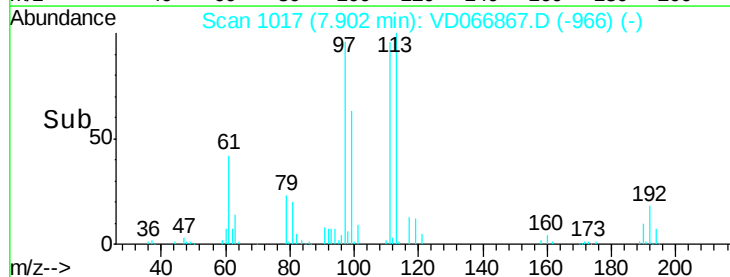
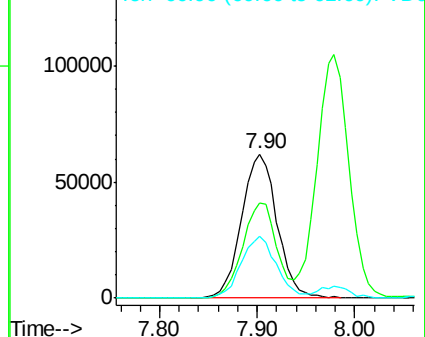
97 100

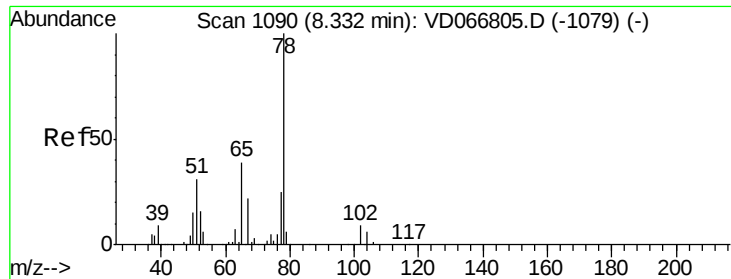
99 64.4 51.5 77.3

61 43.0 34.2 51.4



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

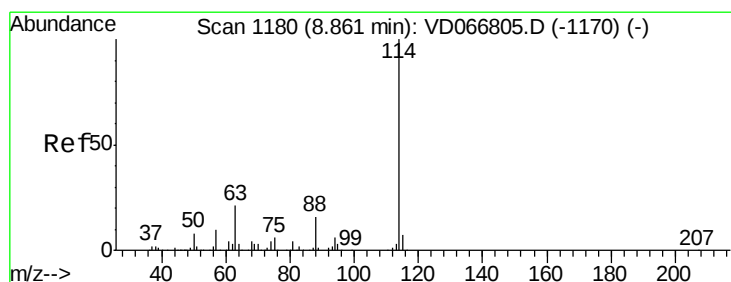
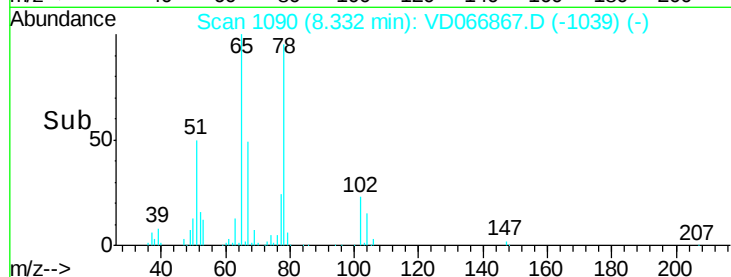
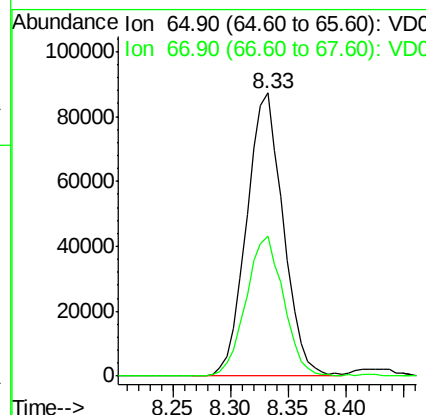
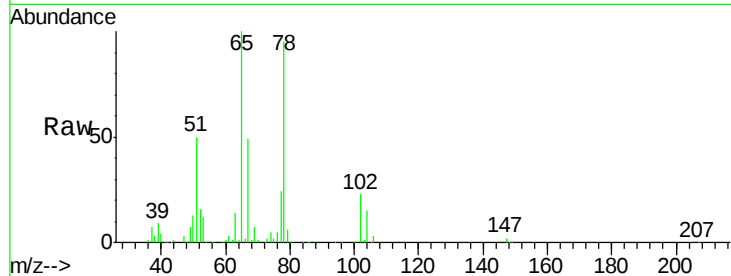




#33
 1,2-Dichloroethane-d4
 Concen: 48.614 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

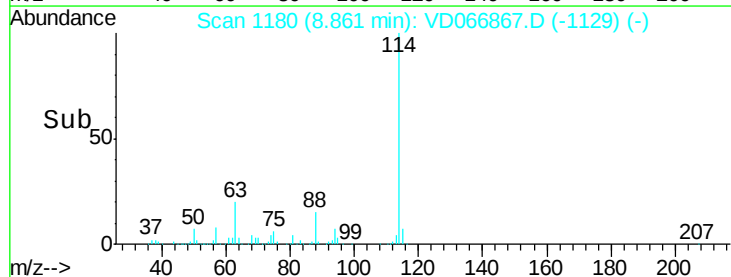
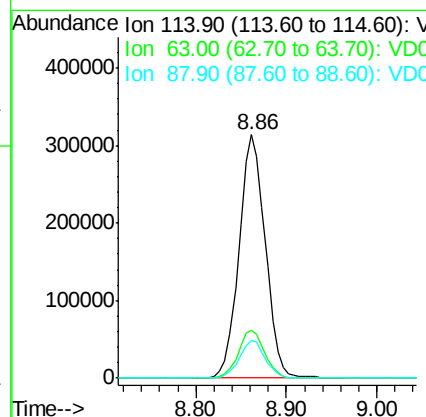
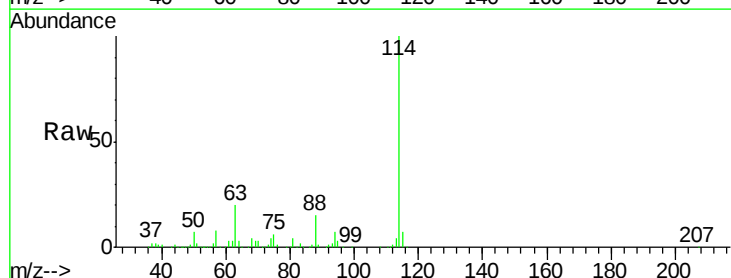
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

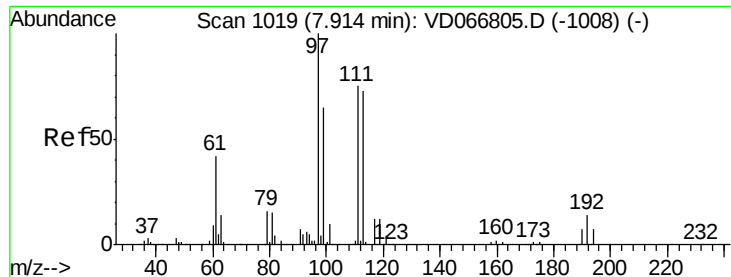
Tgt Ion: 65 Resp: 192710
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion: 114 Resp: 631670
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.6
 88 15.3 0.0 32.6

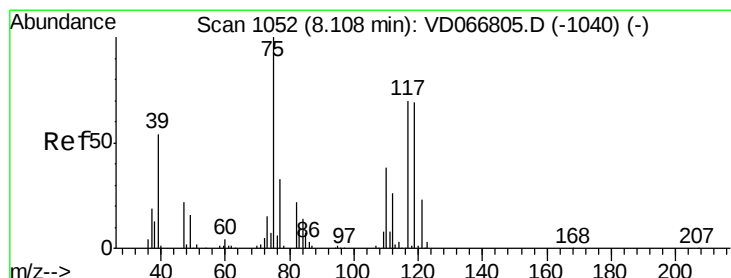
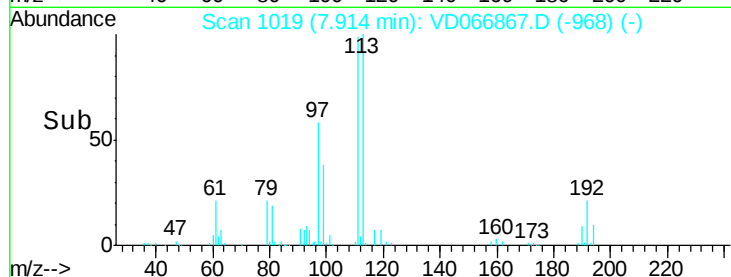
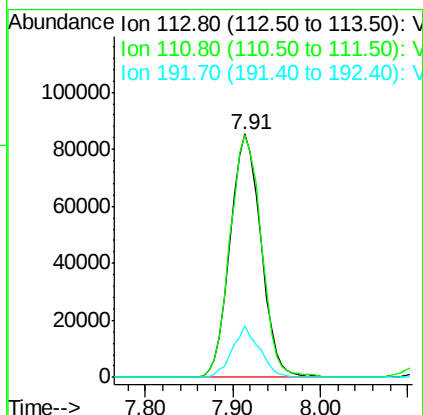
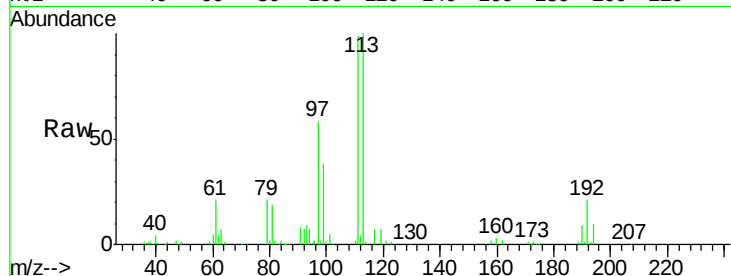




#35
 Dibromofluoromethane
 Concen: 51.027 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

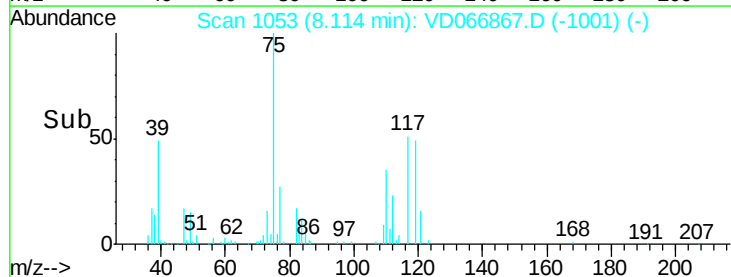
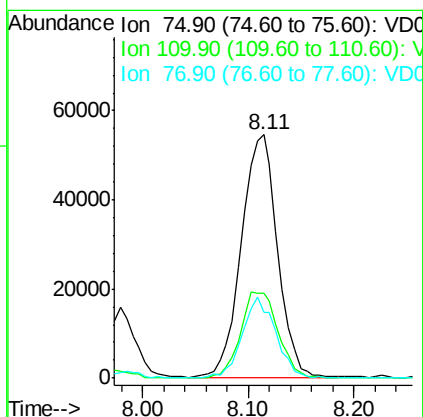
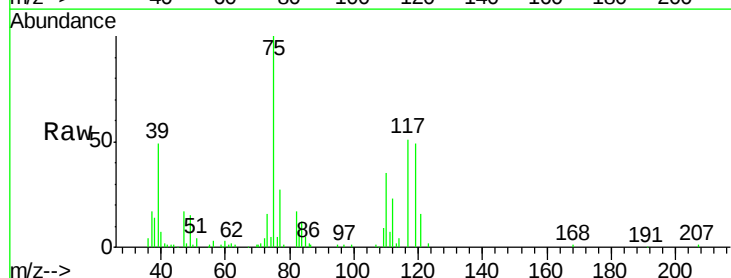
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

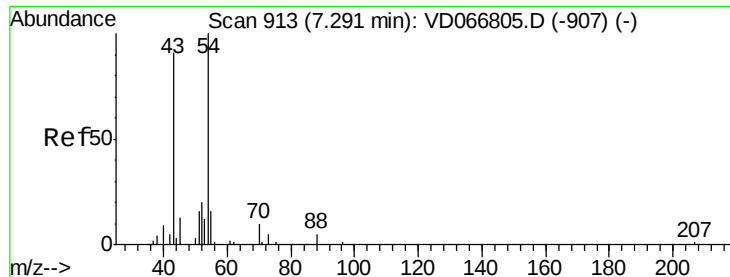
Tgt Ion: 113 Resp: 205063
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.8 122.8
 192 18.5 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 20.592 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion: 75 Resp: 129045
 Ion Ratio Lower Upper
 75 100
 110 36.9 17.9 53.8
 77 31.4 25.0 37.6

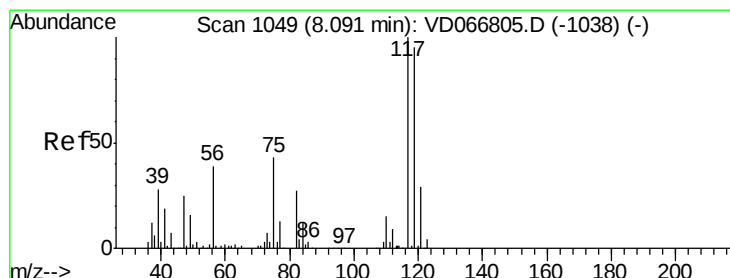
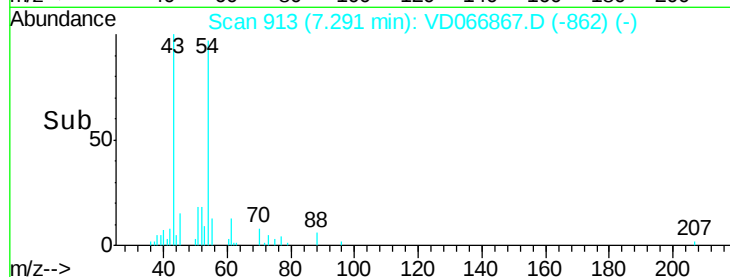
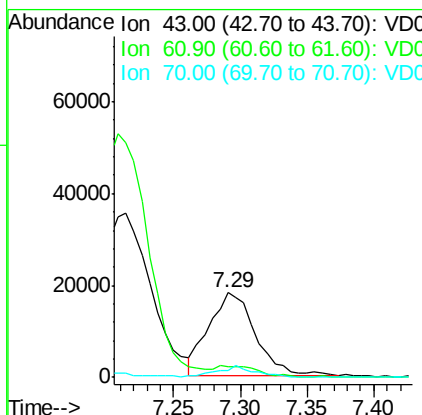
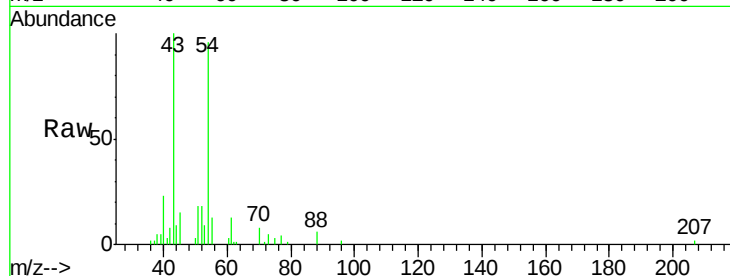




#37
Ethyl Acetate
Concen: 19.552 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

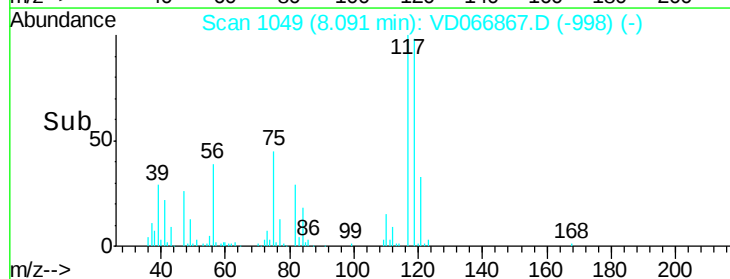
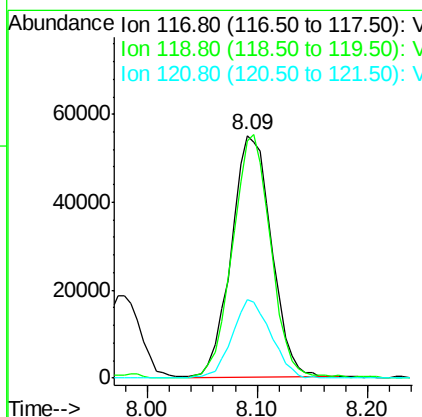
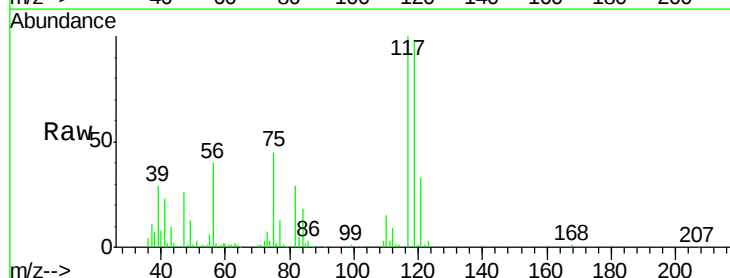
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD01

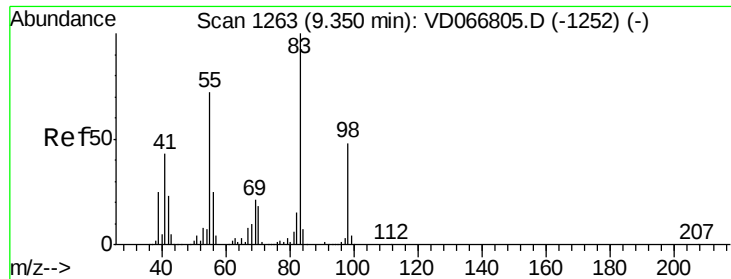
Tgt Ion: 43 Resp: 44295
Ion Ratio Lower Upper
43 100
61 12.2 9.8 14.8
70 11.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.448 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion: 117 Resp: 140097
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8
121 32.7 23.4 35.0

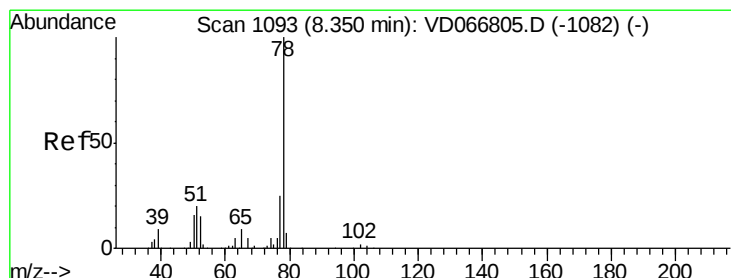
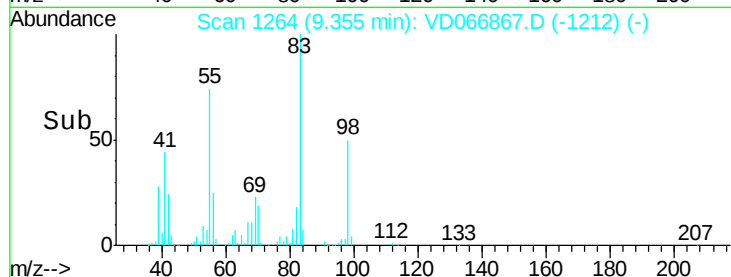
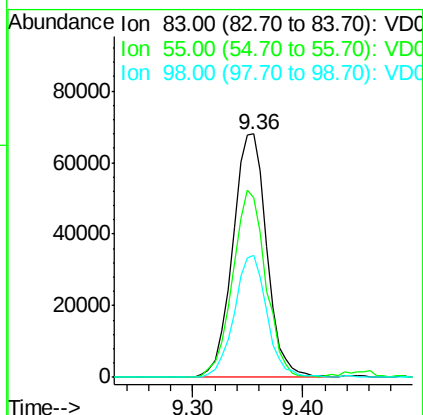
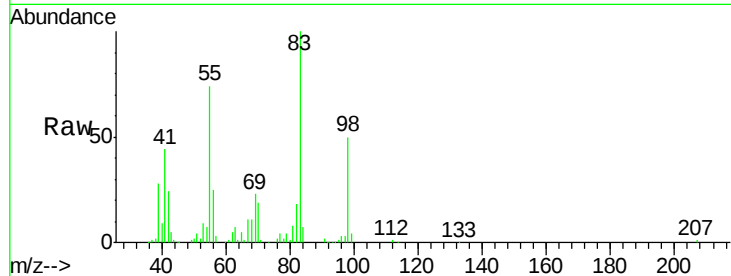




#39
Methylcyclohexane
Concen: 20.440 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

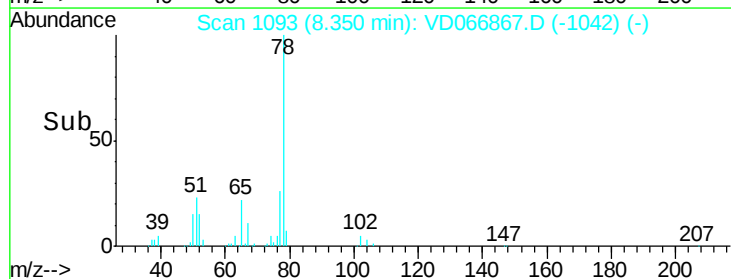
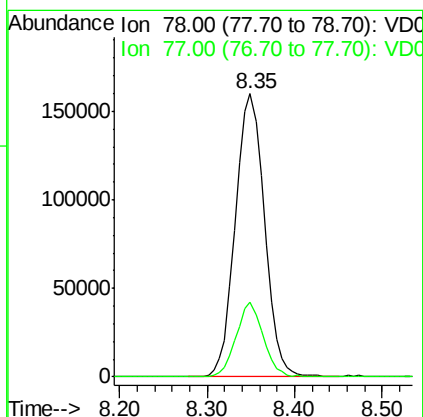
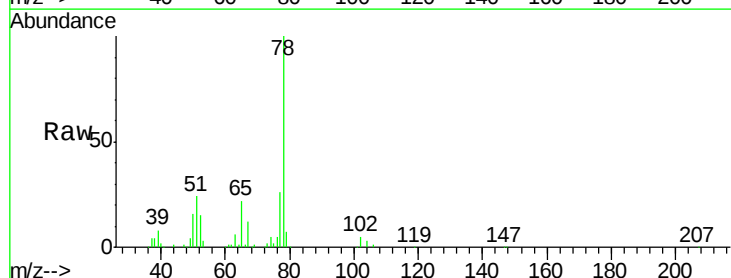
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD01

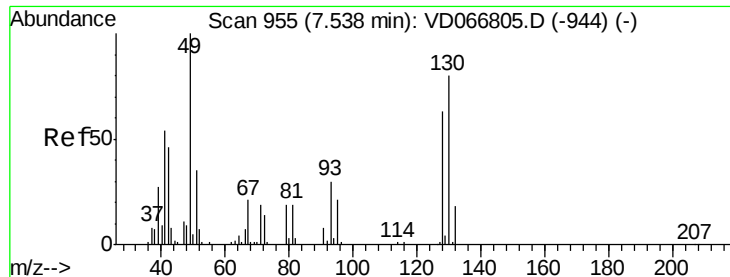
Tgt Ion: 83 Resp: 147069
Ion Ratio Lower Upper
83 100
55 73.7 57.7 86.5
98 50.3 38.4 57.6



#40
Benzene
Concen: 20.666 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion: 78 Resp: 360929
Ion Ratio Lower Upper
78 100
77 26.3 19.9 29.9

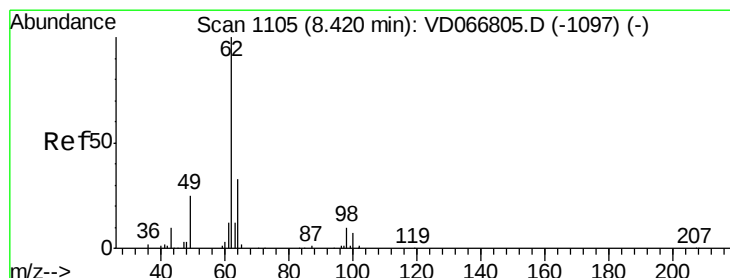
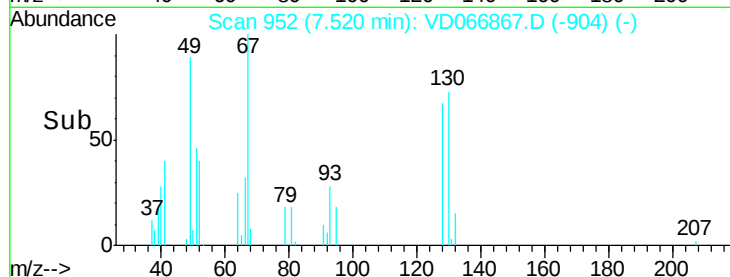
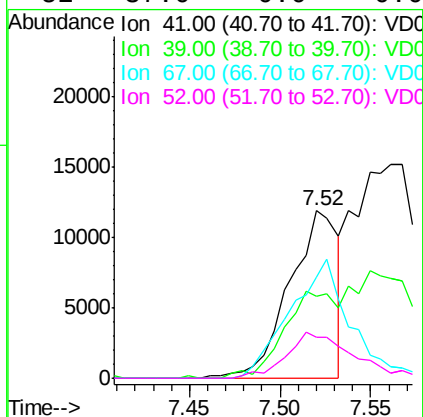
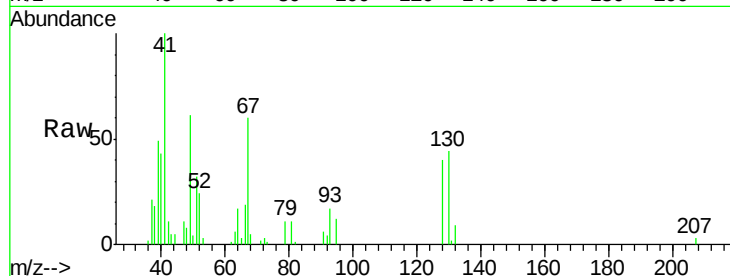




#41
Methacrylonitrile
Concen: 15.975 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

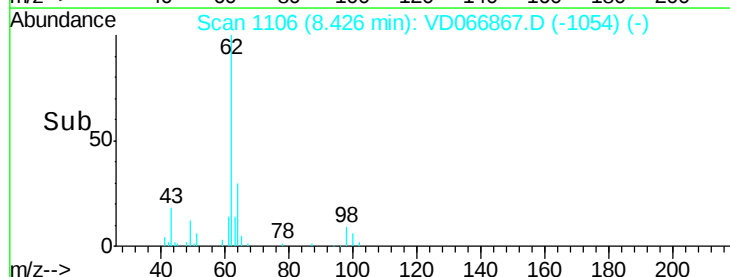
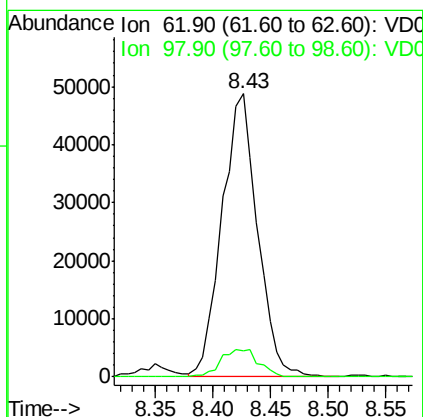
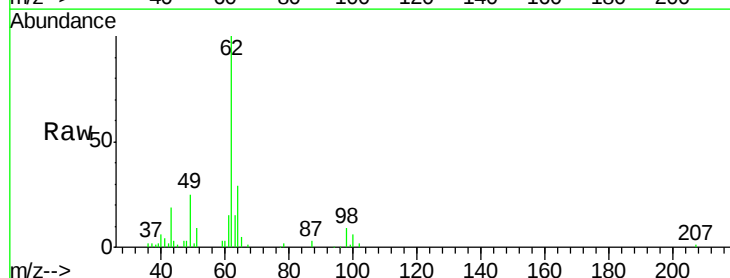
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD01

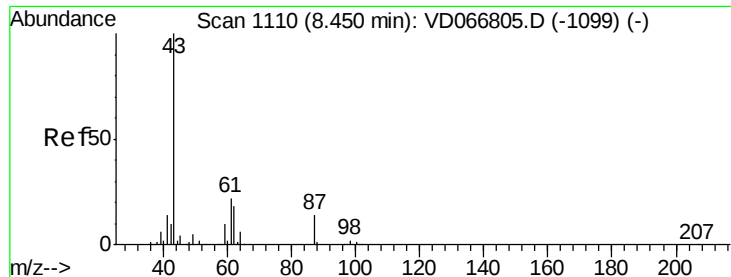
Tgt Ion: 41 Resp: 22256
Ion Ratio Lower Upper
41 100
39 56.8 0.0 0.0#
67 88.9 0.0 0.0#
52 37.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.140 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion: 62 Resp: 103984
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.8





#43

Isopropyl Acetate

Concen: 19.421 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD01

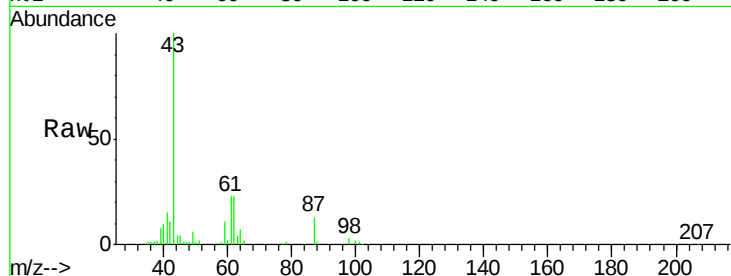
Tgt Ion: 43 Resp: 84826

Ion Ratio Lower Upper

43 100

61 34.5 26.2 39.4

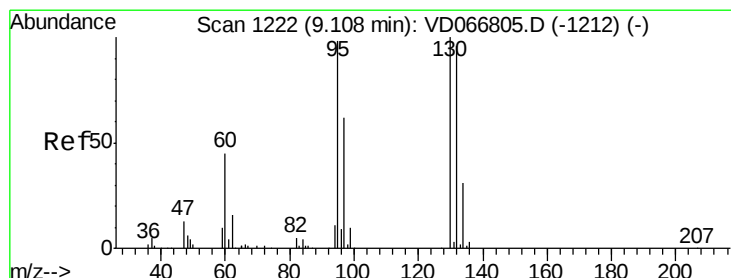
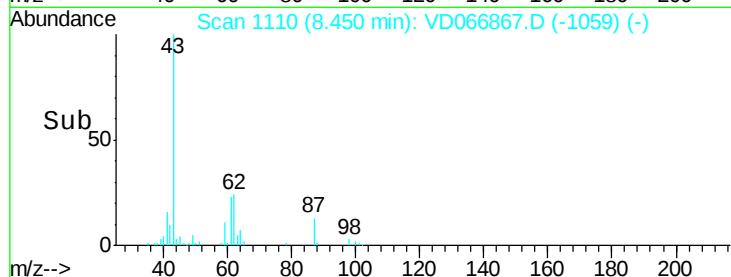
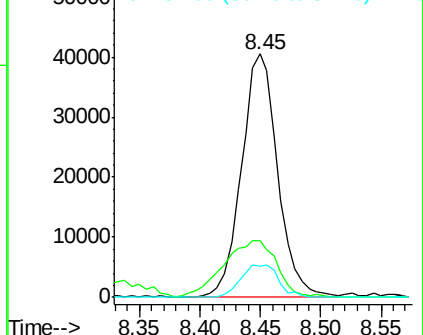
87 13.9 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.775 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066867.D

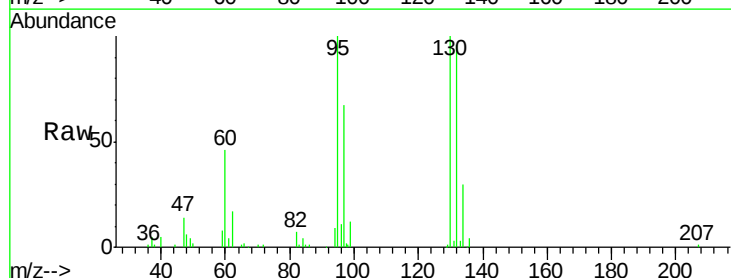
Acq: 25 Sep 2020 12:04

Tgt Ion: 130 Resp: 103422

Ion Ratio Lower Upper

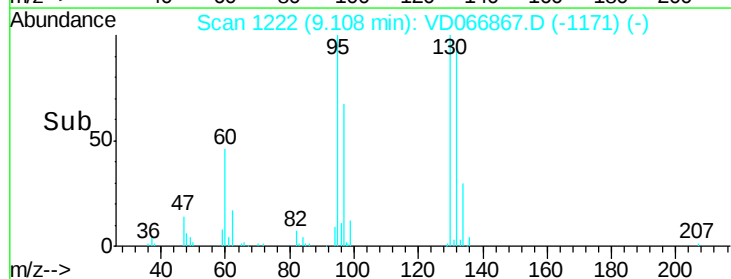
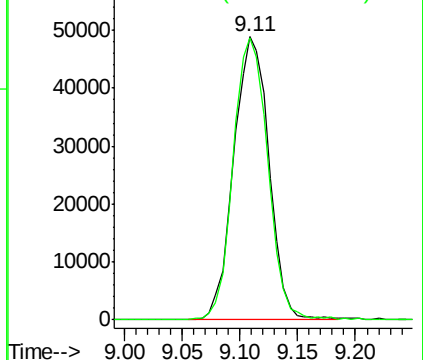
130 100

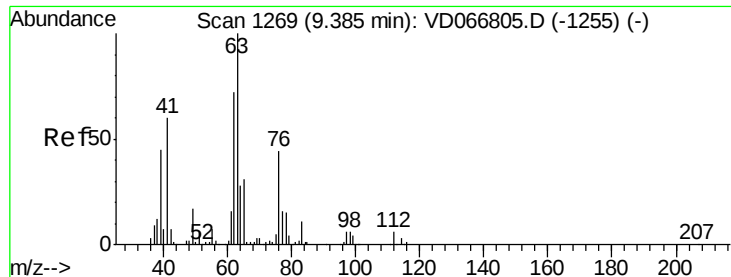
95 99.8 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

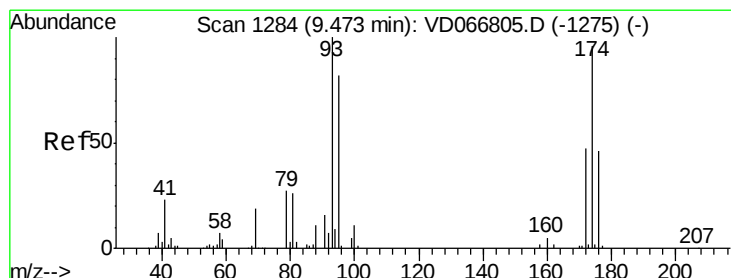
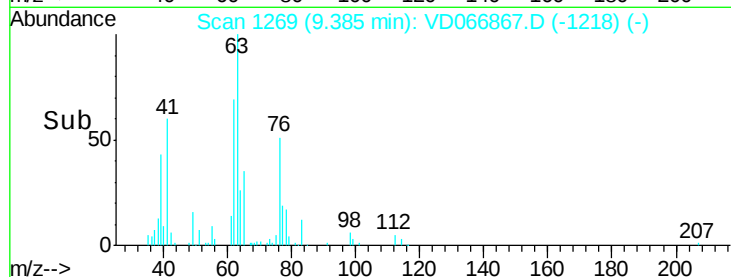
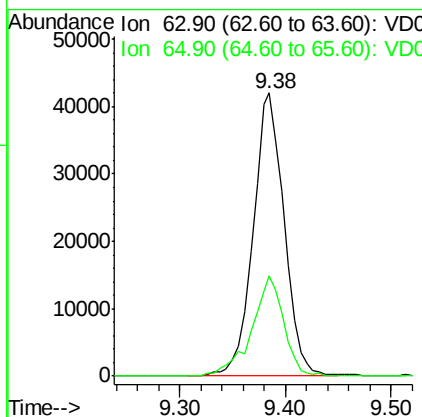
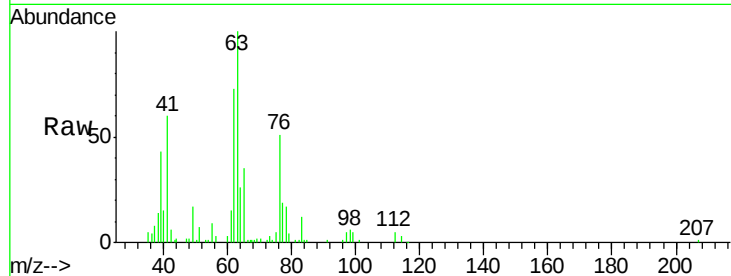




#45
 1,2-Dichloropropane
 Concen: 19.525 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

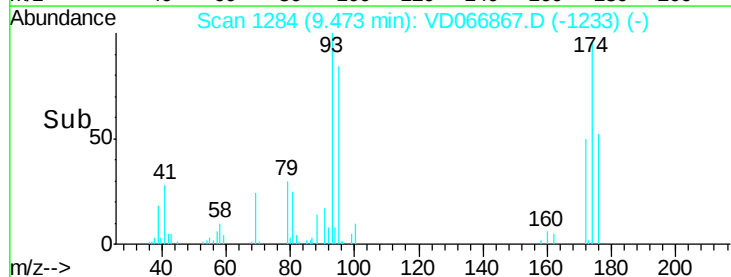
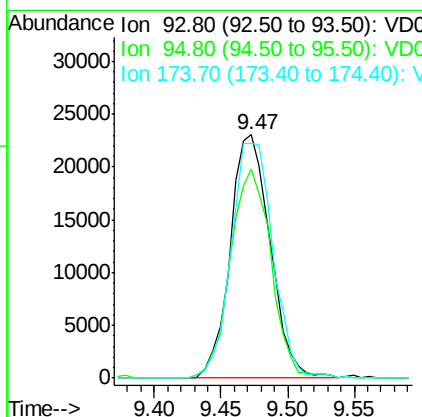
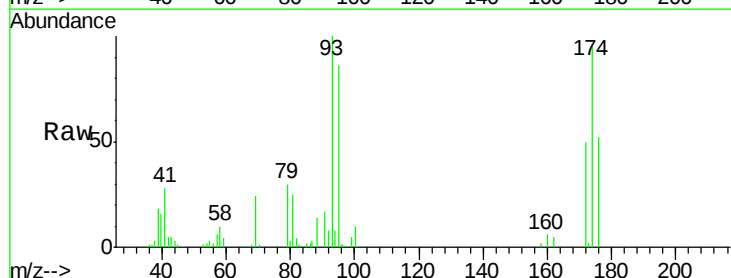
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

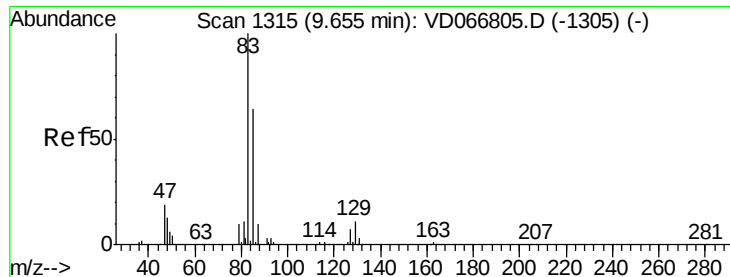
Tgt Ion: 63 Resp: 85799
 Ion Ratio Lower Upper
 63 100
 65 35.4 24.7 37.1



#46
 Dibromomethane
 Concen: 20.073 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion: 93 Resp: 47924
 Ion Ratio Lower Upper
 93 100
 95 87.4 65.3 97.9
 174 101.9 75.4 113.2





#47

Bromodichloromethane

Concen: 20.466 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

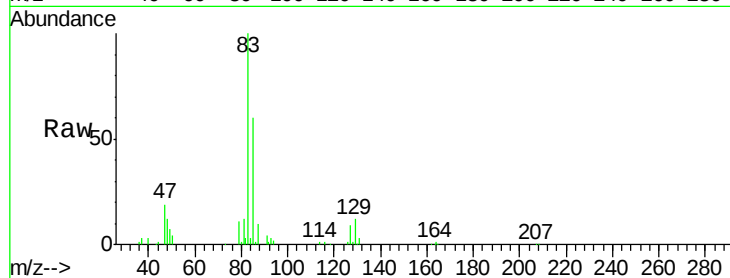
Tgt Ion: 83 Resp: 131262

Ion Ratio Lower Upper

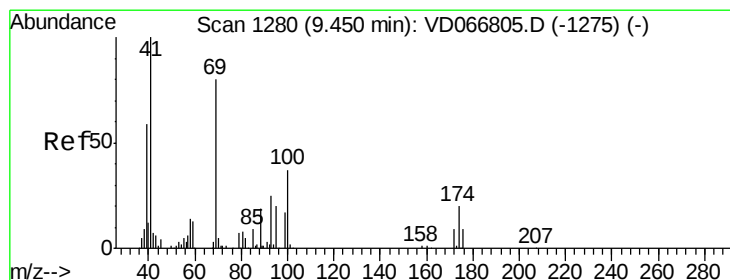
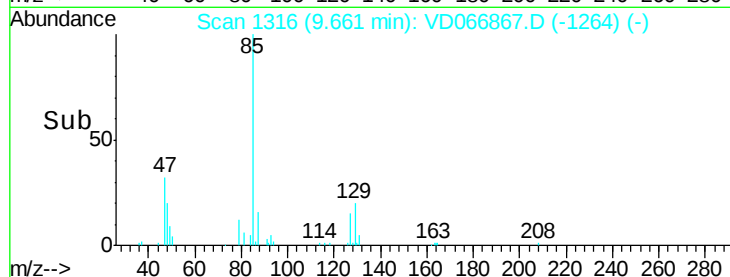
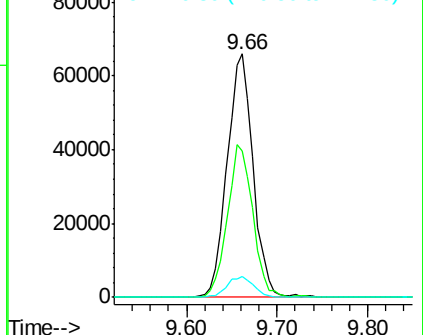
83 100

85 60.1 50.9 76.3

127 8.8 5.9 8.9



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



#48

Methyl methacrylate

Concen: 18.914 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

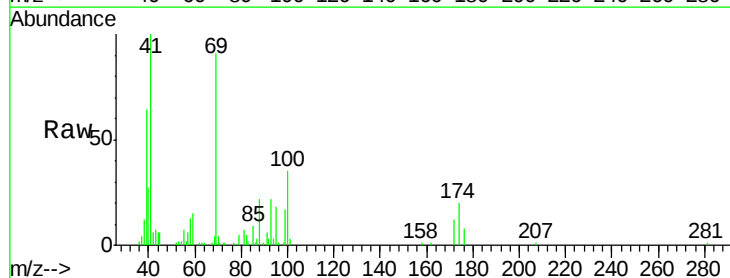
Tgt Ion: 41 Resp: 40731

Ion Ratio Lower Upper

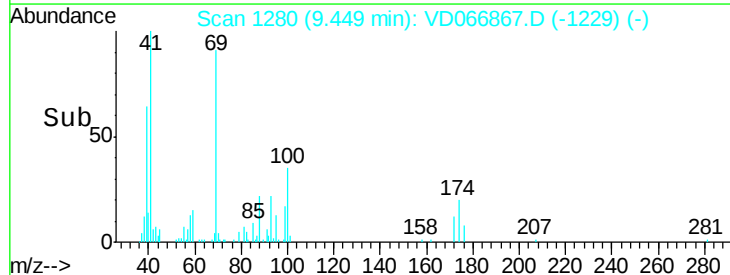
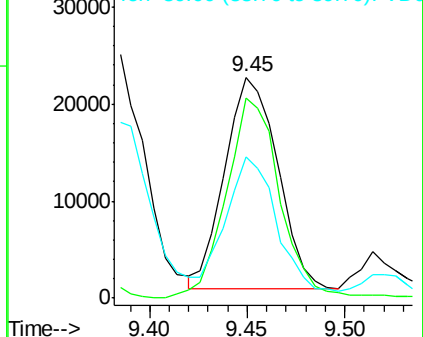
41 100

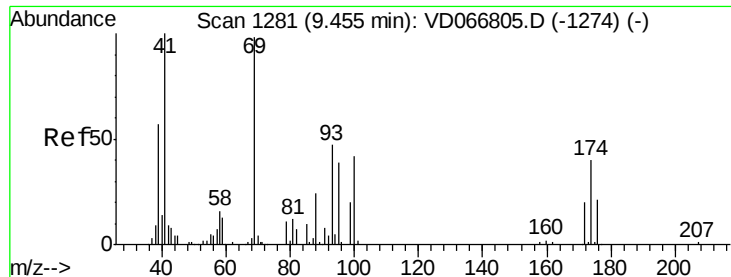
69 96.8 74.5 111.7

39 60.5 47.0 70.6



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

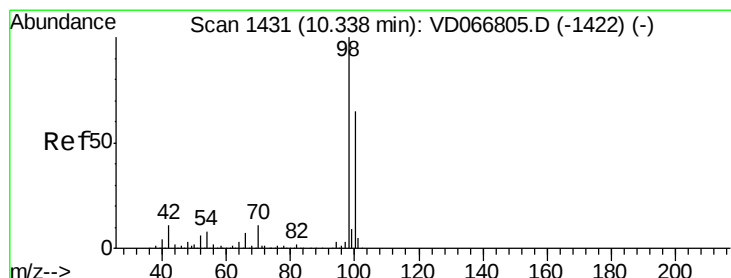
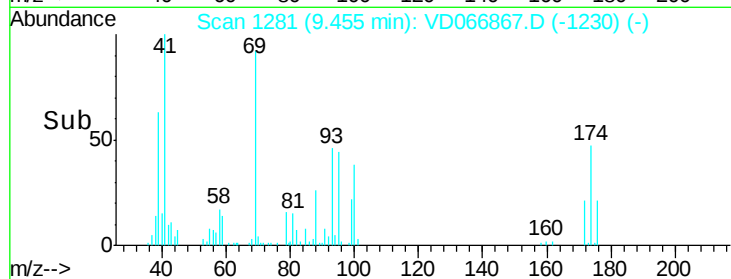
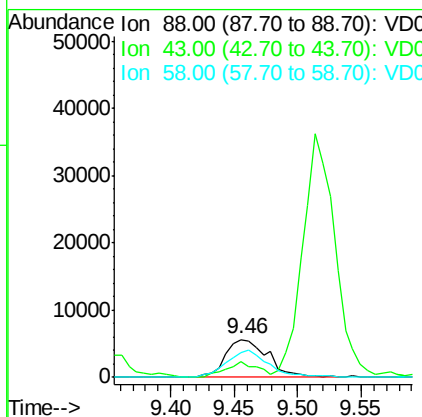
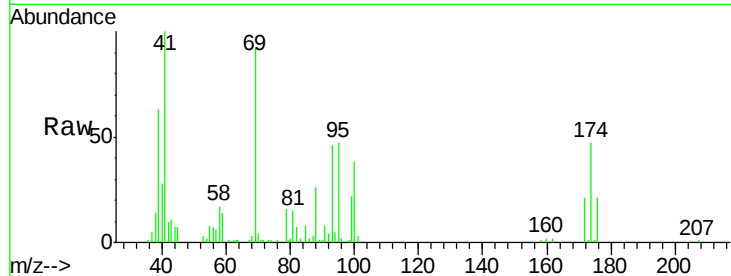




#49
1,4-Dioxane
Concen: 426.133 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

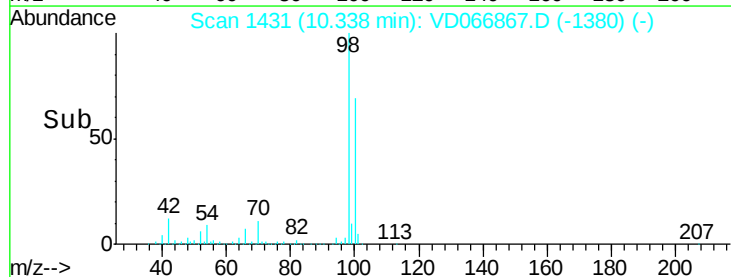
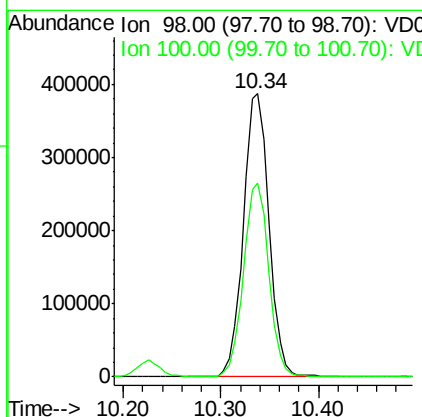
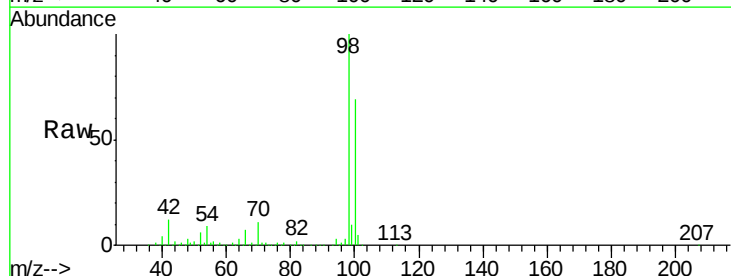
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD01

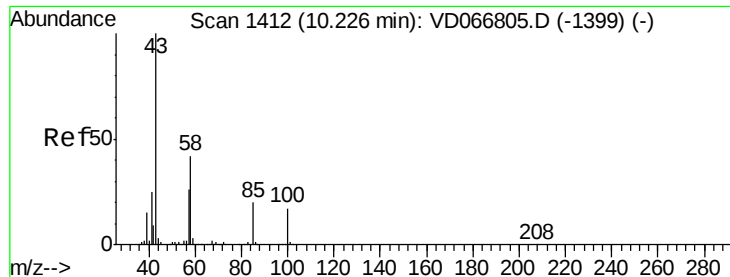
Tgt Ion: 88 Resp: 13150
Ion Ratio Lower Upper
88 100
43 30.4 27.7 41.5
58 71.3 55.5 83.3



#50
Toluene-d8
Concen: 52.033 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion: 98 Resp: 712460
Ion Ratio Lower Upper
98 100
100 68.1 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 100.880 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

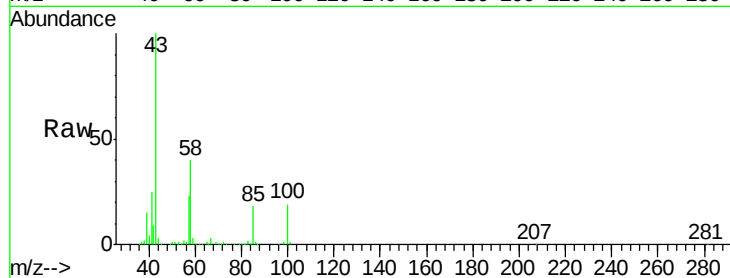
VD0925SBS01

Tgt Ion: 43 Resp: 223261

Ion Ratio Lower Upper

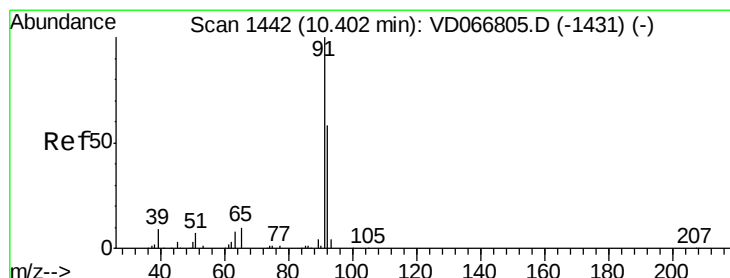
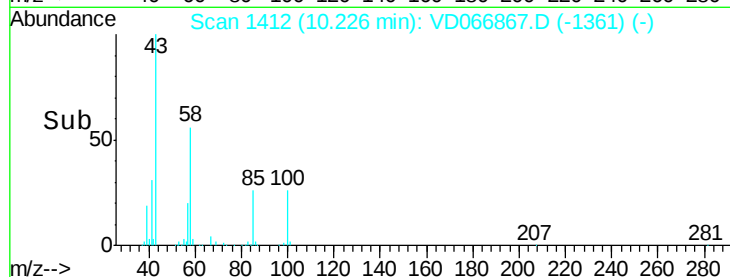
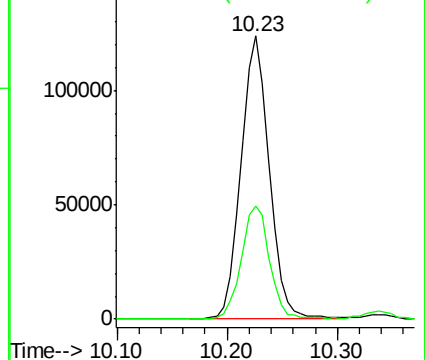
43 100

58 40.1 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.393 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066867.D

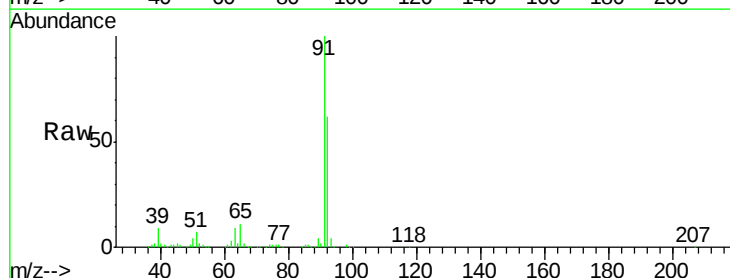
Acq: 25 Sep 2020 12:04

Tgt Ion: 92 Resp: 240668

Ion Ratio Lower Upper

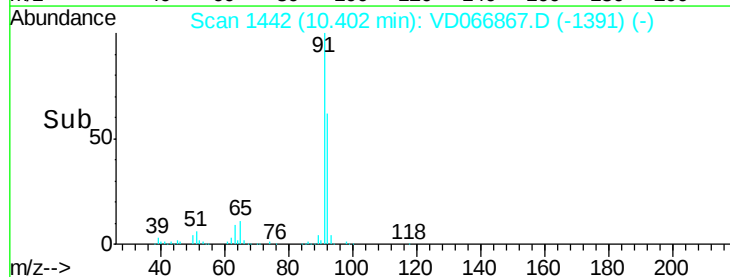
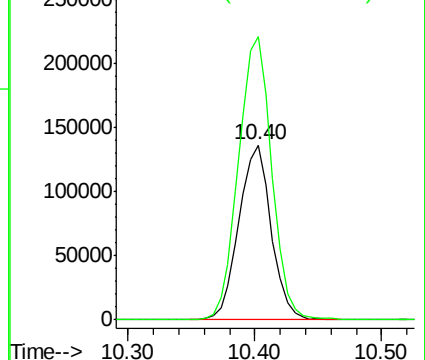
92 100

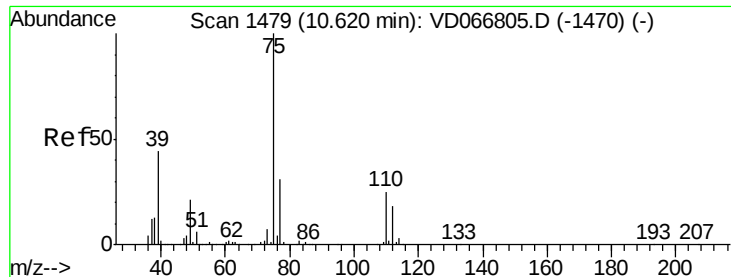
91 167.0 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.749 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

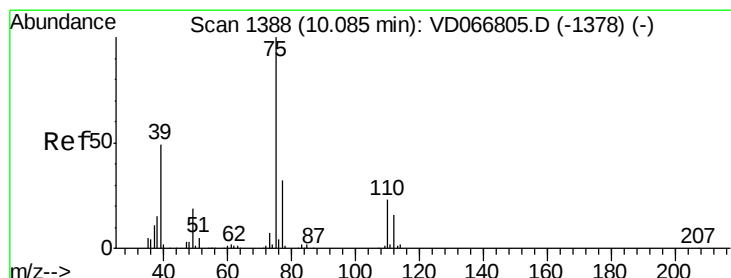
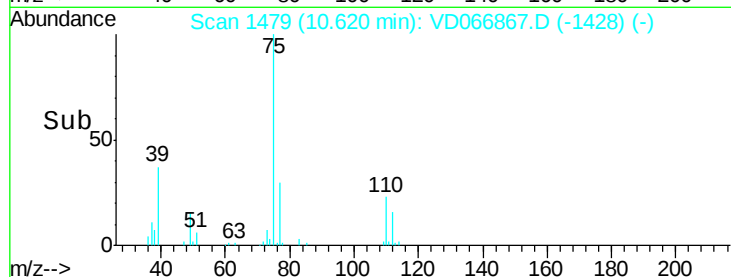
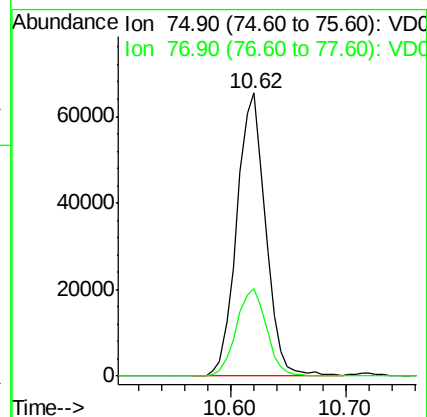
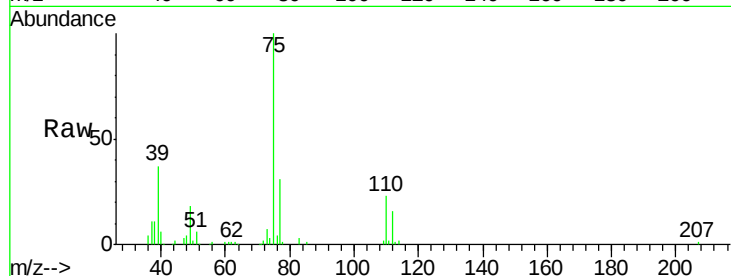
VD0925SBS01

Tgt Ion: 75 Resp: 113265

Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 20.474 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

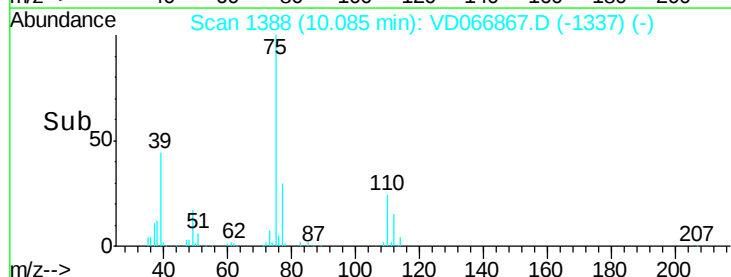
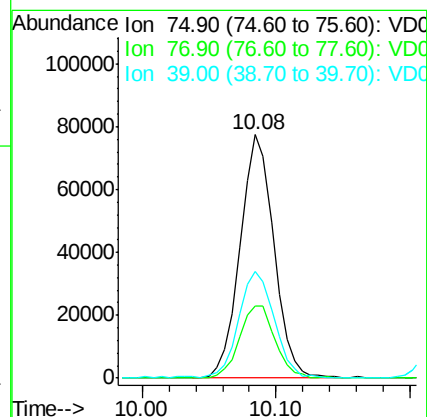
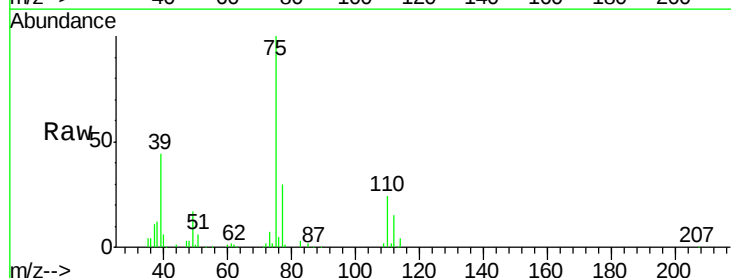
Tgt Ion: 75 Resp: 136277

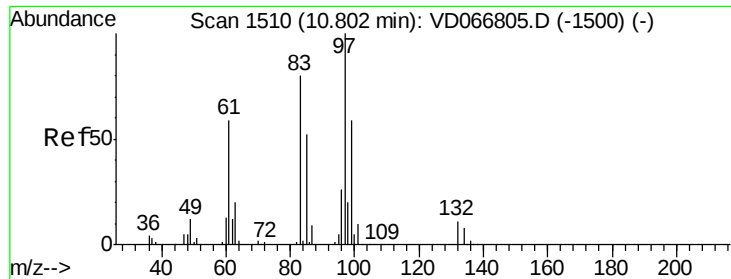
Ion Ratio Lower Upper

75 100

77 29.6 25.6 38.4

39 43.2 39.2 58.8

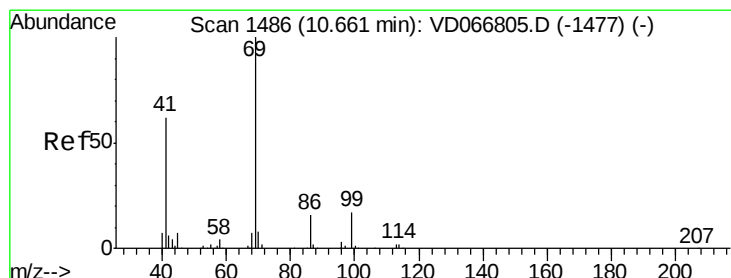
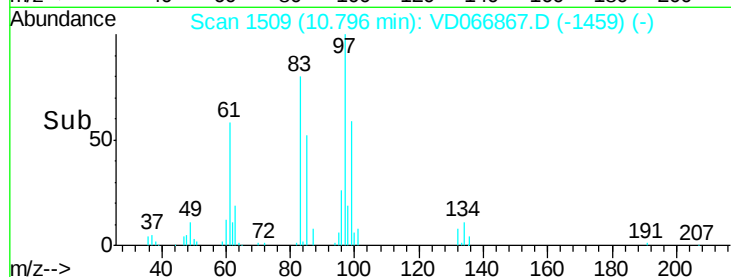
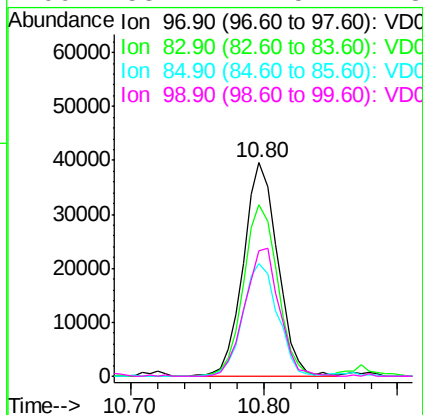
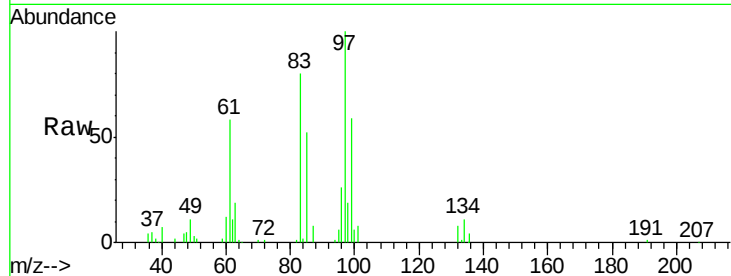




#55
 1,1,2-Trichloroethane
 Concen: 21.475 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

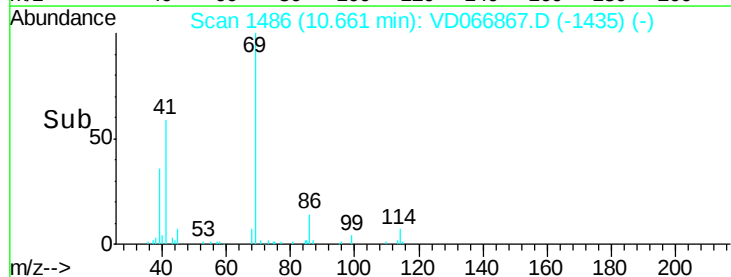
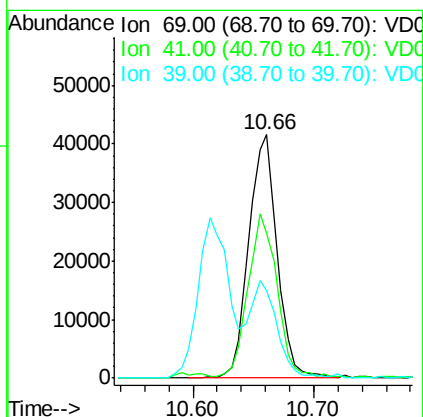
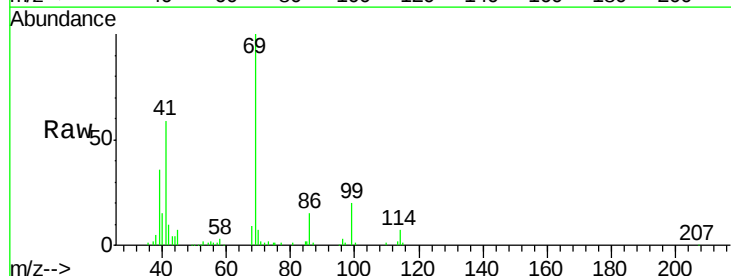
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

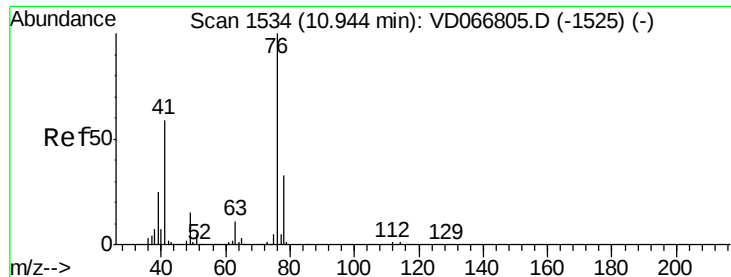
Tgt Ion:	97	Resp:	70485
Ion	Ratio	Lower	Upper
97	100		
83	80.3	64.2	96.2
85	52.5	41.9	62.9
99	58.7	47.5	71.3



#56
 Ethyl methacrylate
 Concen: 19.445 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion:	69	Resp:	68370
Ion	Ratio	Lower	Upper
69	100		
41	69.9	52.2	78.2
39	38.7	26.6	40.0

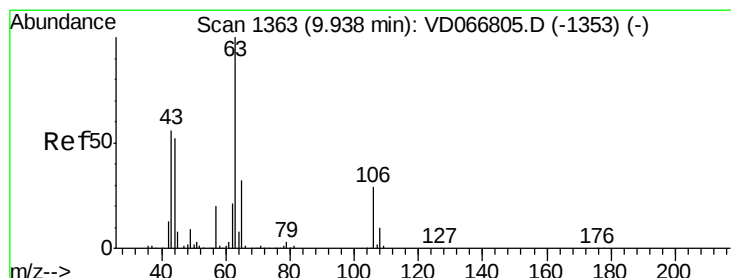
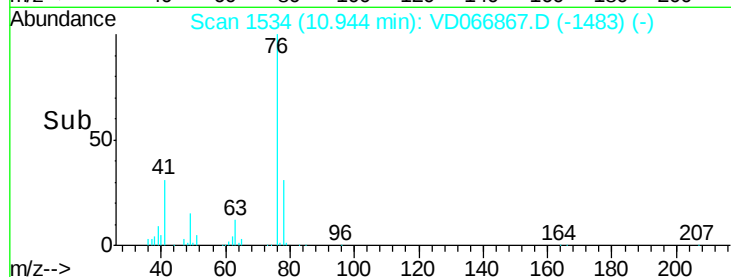
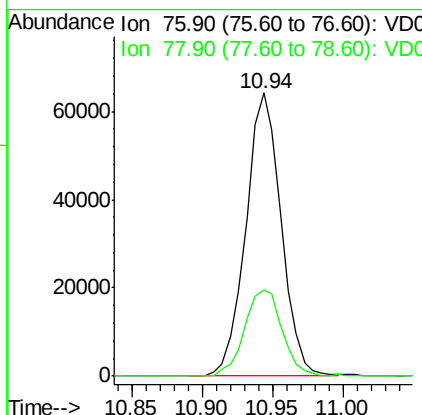
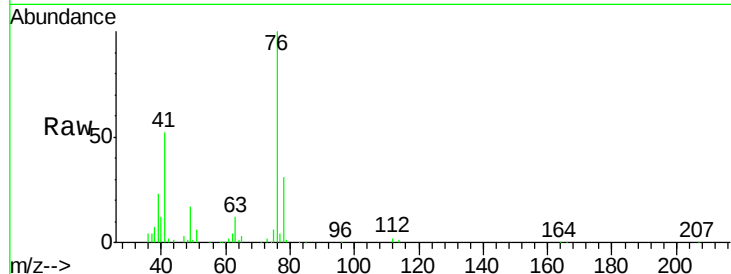




#57
 1,3-Dichloropropane
 Concen: 20.817 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

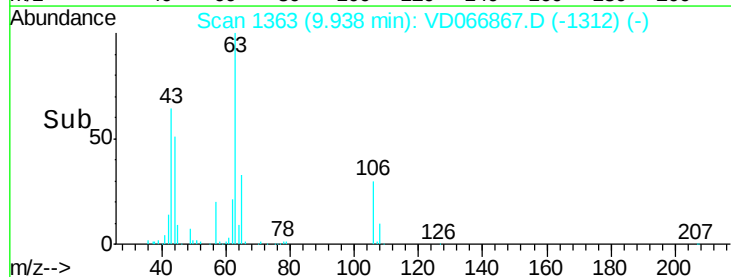
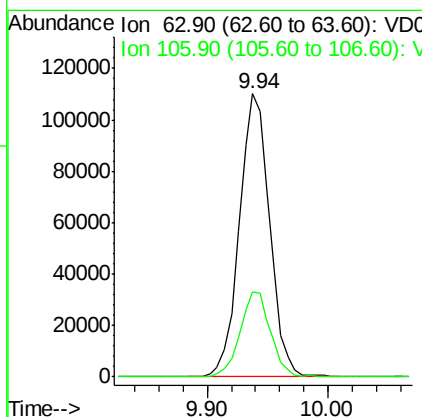
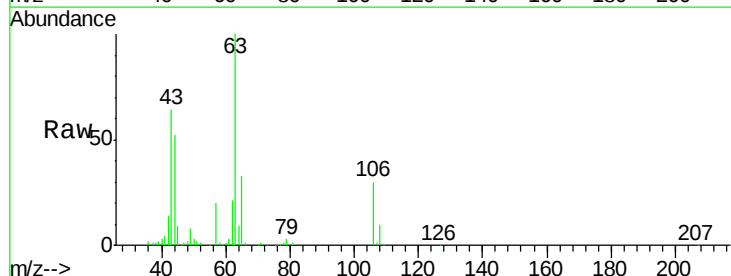
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

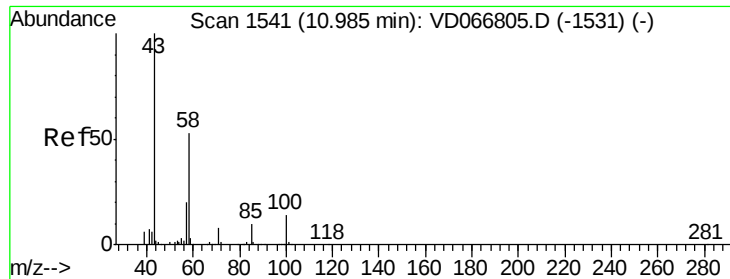
Tgt Ion: 76 Resp: 112822
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.824 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion: 63 Resp: 192828
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.8 35.6

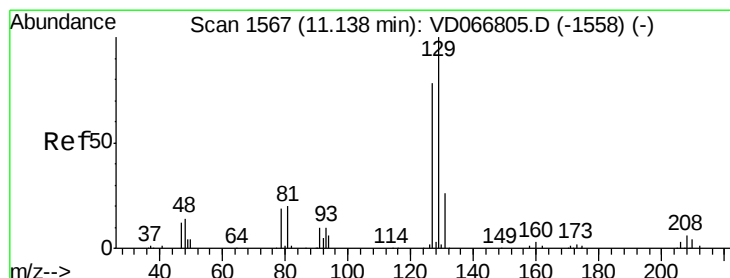
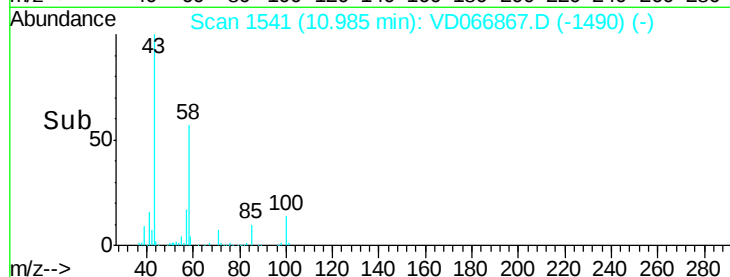
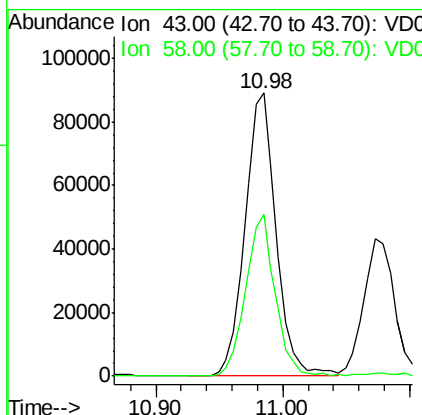
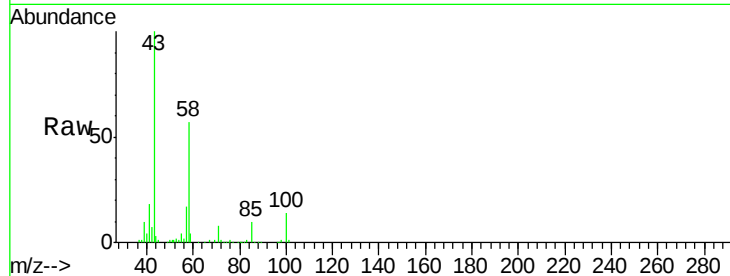




#59
2-Hexanone
Concen: 101.620 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

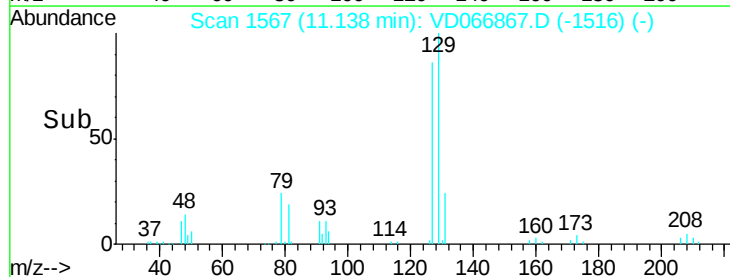
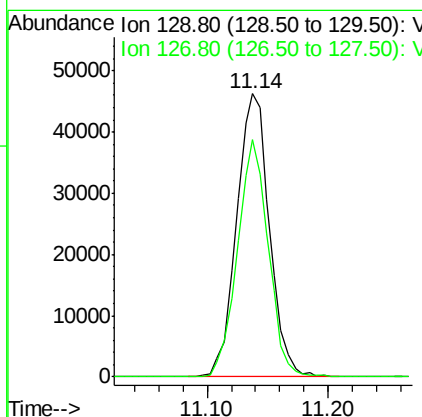
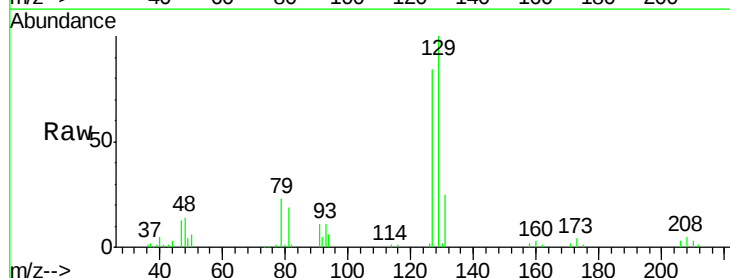
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD01

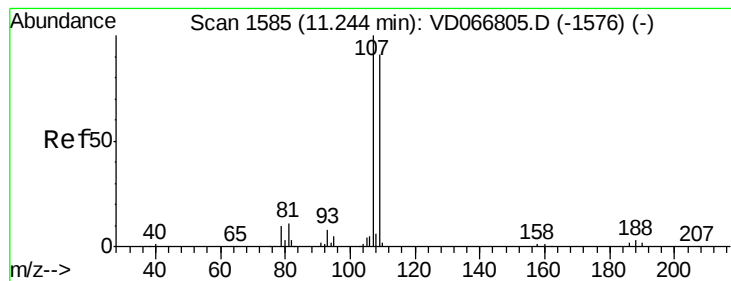
Tgt Ion: 43 Resp: 151666
Ion Ratio Lower Upper
43 100
58 54.3 27.0 80.8



#60
Dibromochloromethane
Concen: 20.397 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion: 129 Resp: 87374
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.009 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

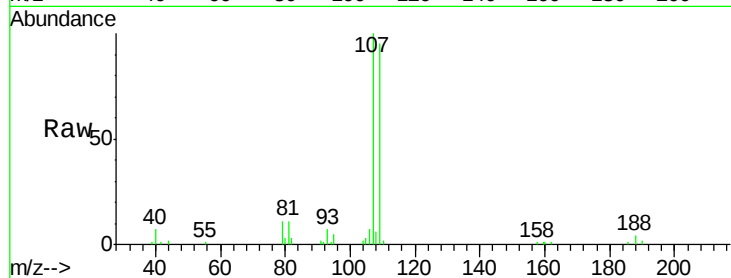
VD0925SBSD01

Tgt Ion: 107 Resp: 64137

Ion Ratio Lower Upper

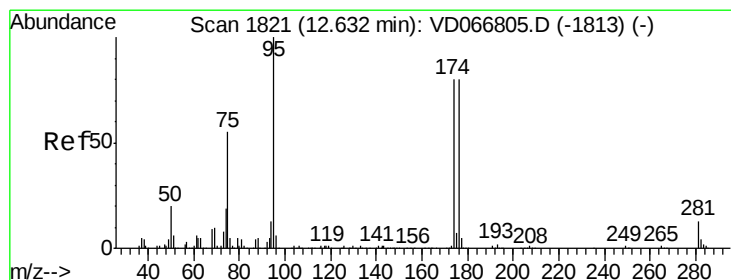
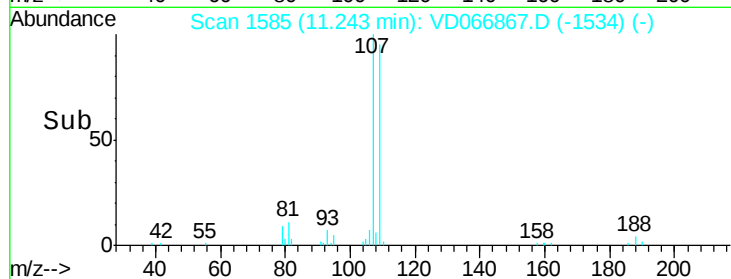
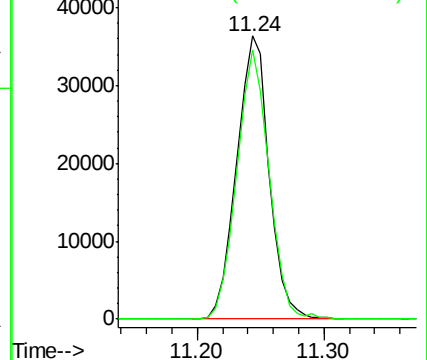
107 100

109 94.7 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.013 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

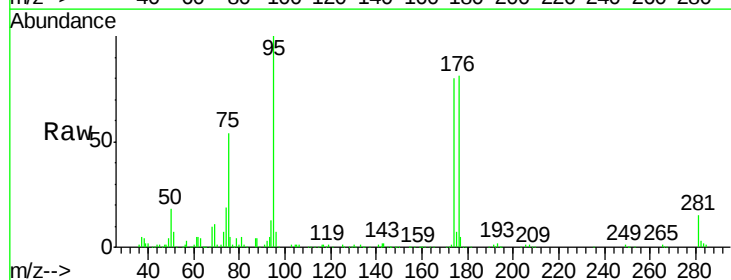
Tgt Ion: 95 Resp: 248491

Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.8

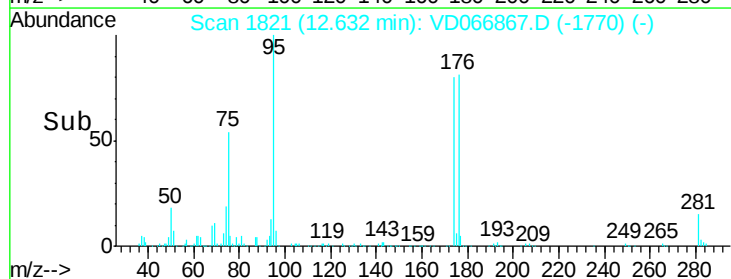
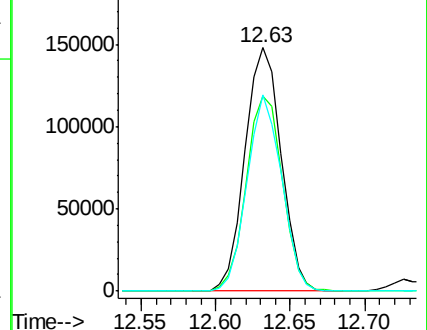
176 77.1 0.0 154.4

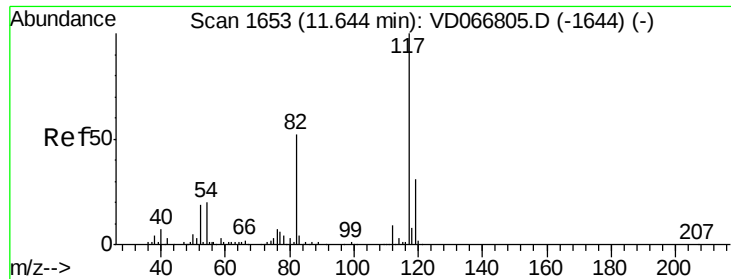


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

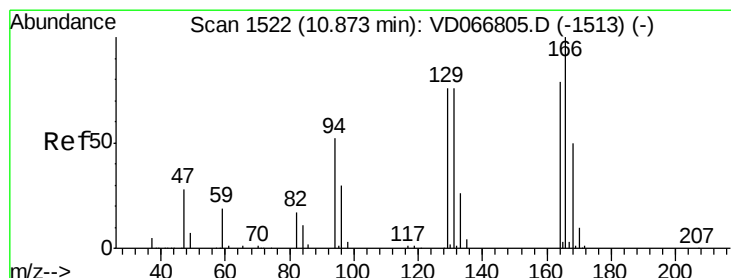
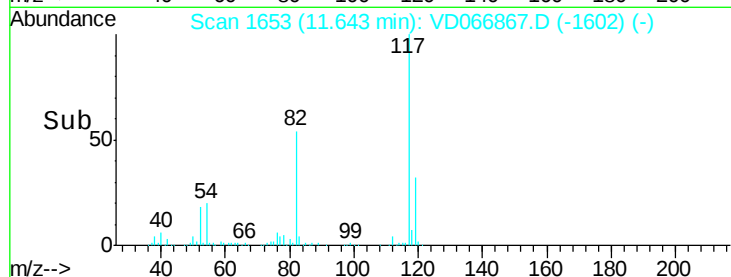
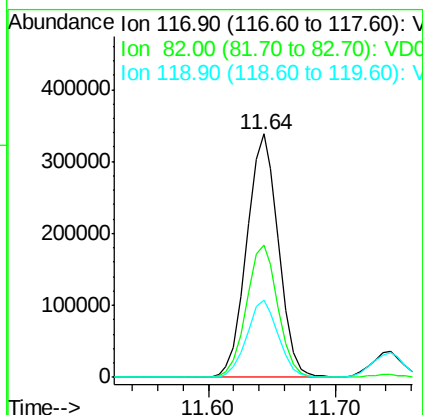
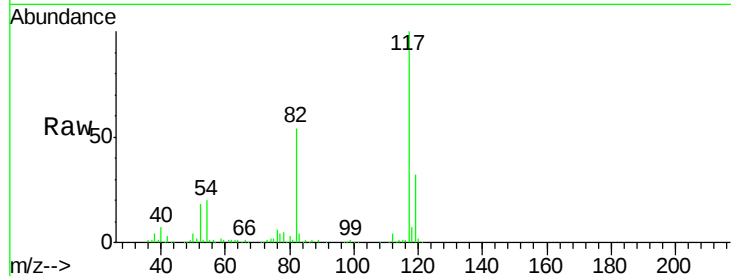




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

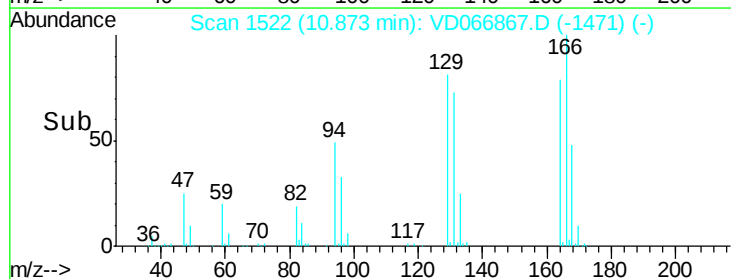
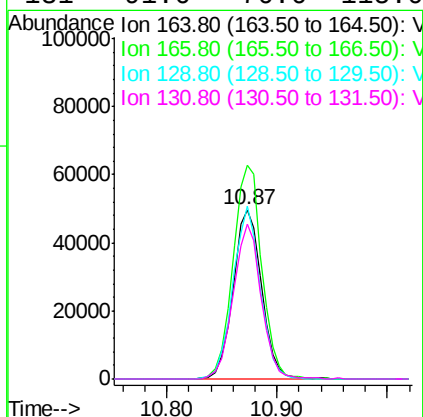
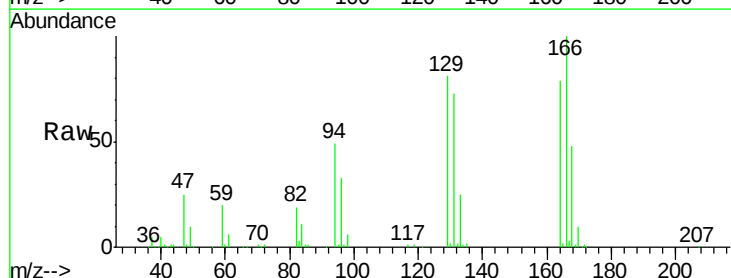
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD01

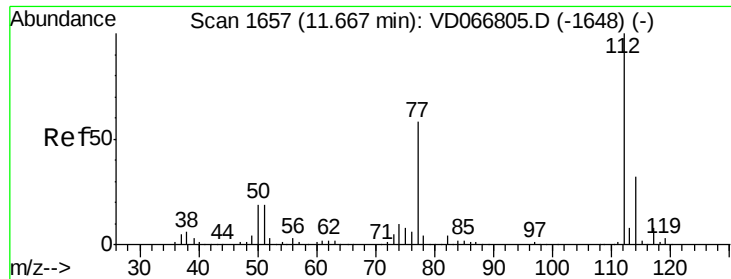
Tgt Ion:117 Resp: 586534
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.6
119 31.8 24.6 37.0



#64
Tetrachloroethene
Concen: 21.208 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion:164 Resp: 89475
Ion Ratio Lower Upper
164 100
166 126.3 101.1 151.7
129 102.4 77.0 115.4
131 91.6 76.6 115.0

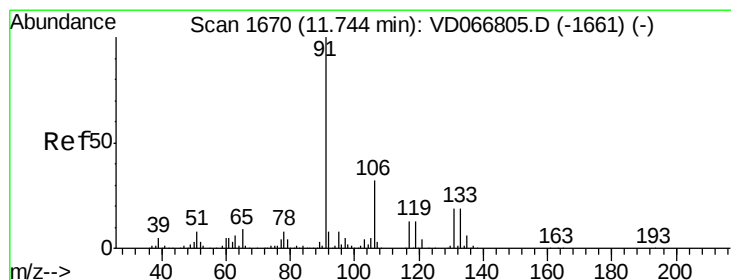
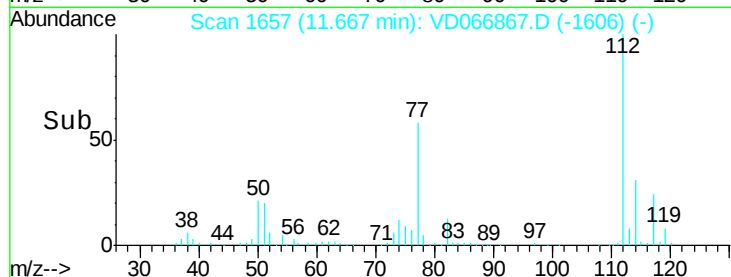
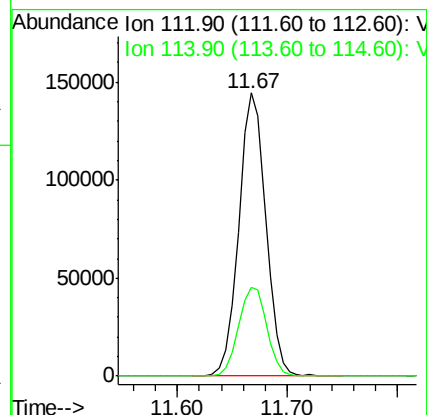
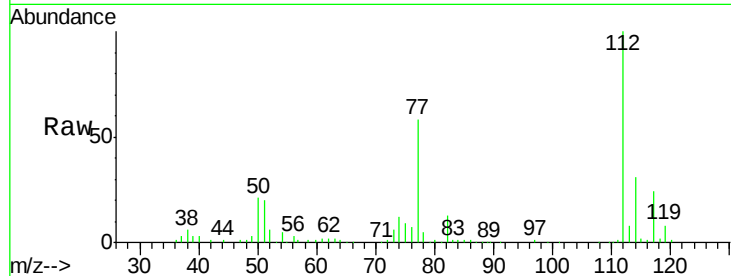




#65
Chlorobenzene
Concen: 20.404 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

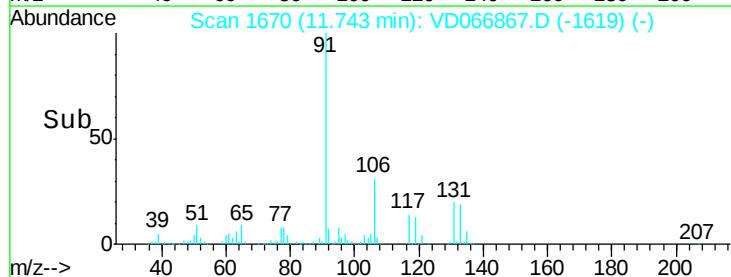
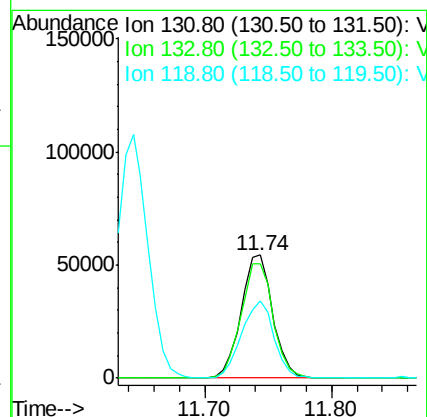
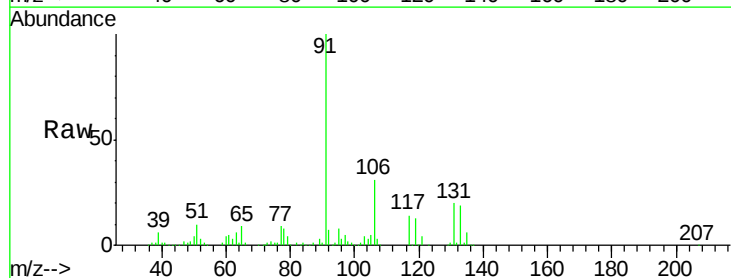
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD01

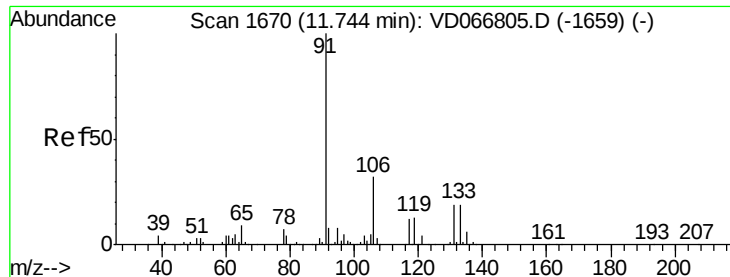
Tgt Ion:112 Resp: 249115
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.260 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion:131 Resp: 93617
Ion Ratio Lower Upper
131 100
133 95.3 46.7 140.1
119 64.9 32.3 96.9





#67

Ethyl Benzene

Concen: 19.965 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

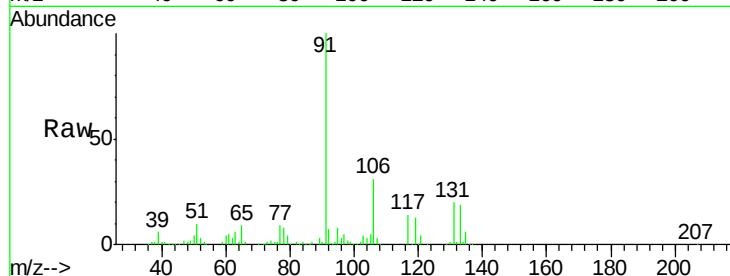
VD0925SBS01

Tgt Ion: 91 Resp: 428100

Ion Ratio Lower Upper

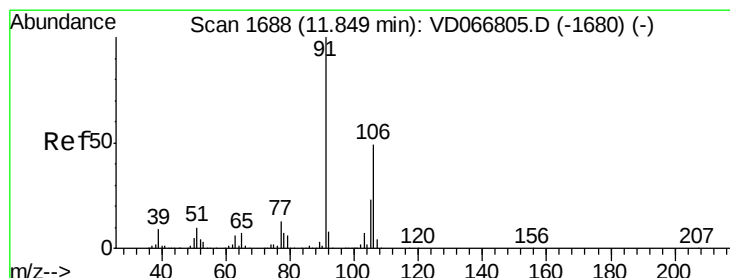
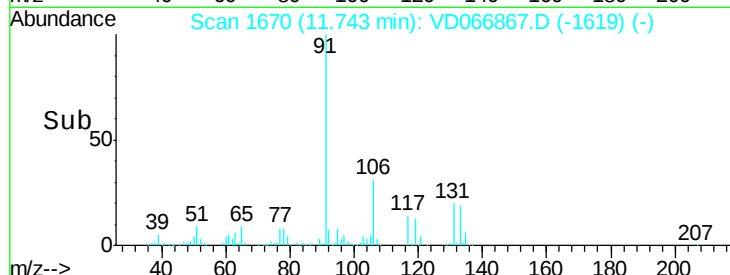
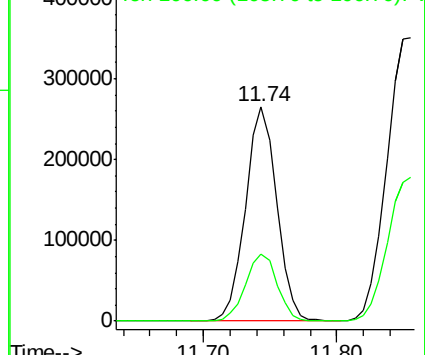
91 100

106 31.2 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.765 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066867.D

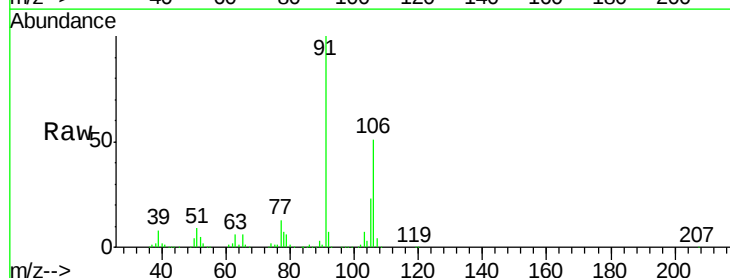
Acq: 25 Sep 2020 12:04

Tgt Ion: 106 Resp: 339076

Ion Ratio Lower Upper

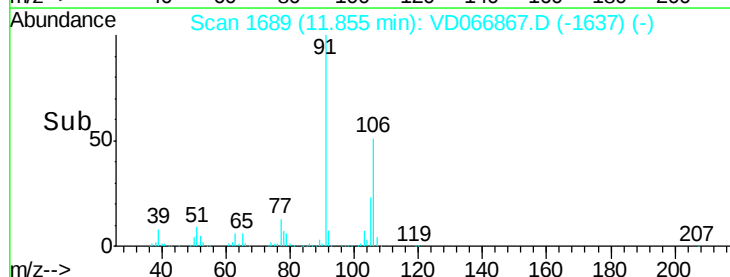
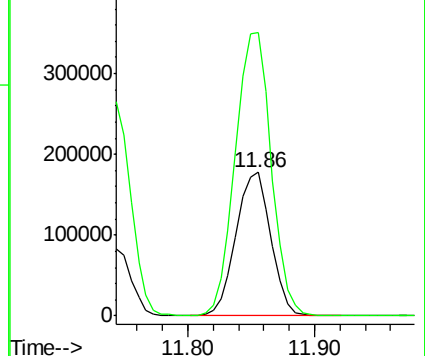
106 100

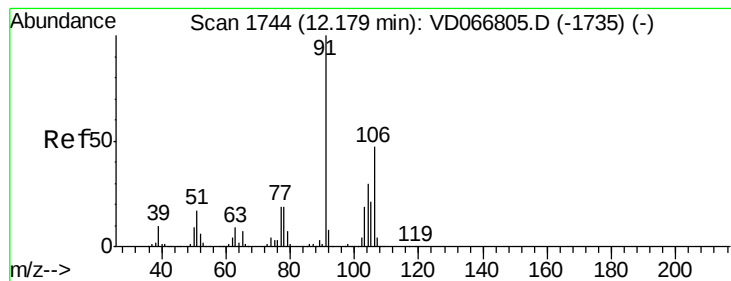
91 203.4 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





#69

o-Xylene

Concen: 20.063 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

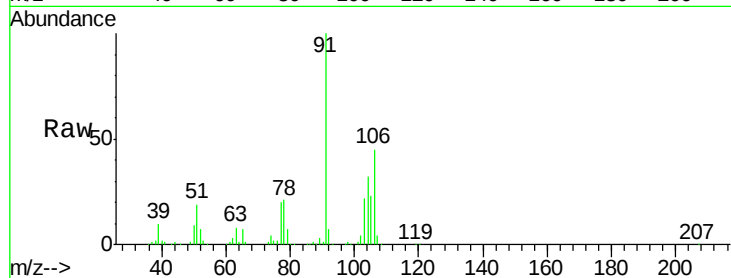
VD0925SBSD01

Tgt Ion:106 Resp: 147281

Ion Ratio Lower Upper

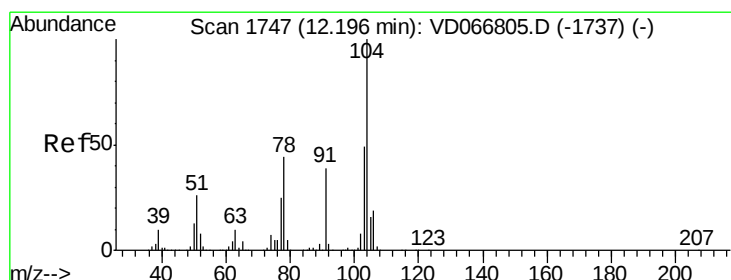
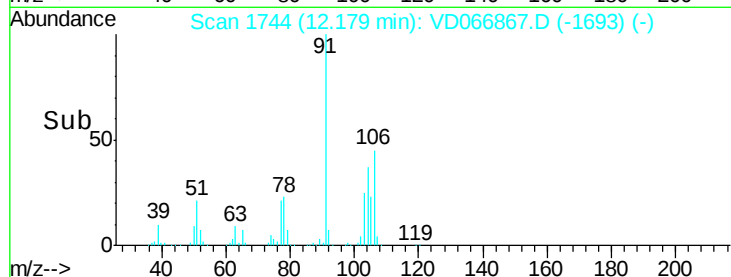
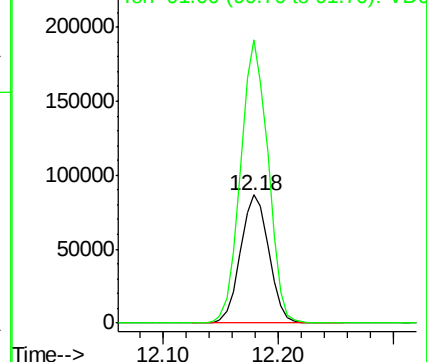
106 100

91 214.5 106.3 318.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



#70

Styrene

Concen: 20.639 ug/l

RT: 12.19 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

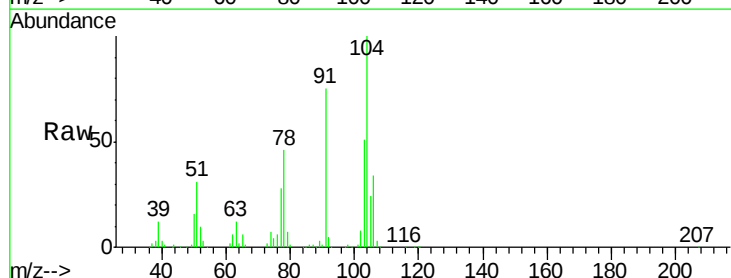
Tgt Ion:104 Resp: 263117

Ion Ratio Lower Upper

104 100

78 49.4 38.9 58.3

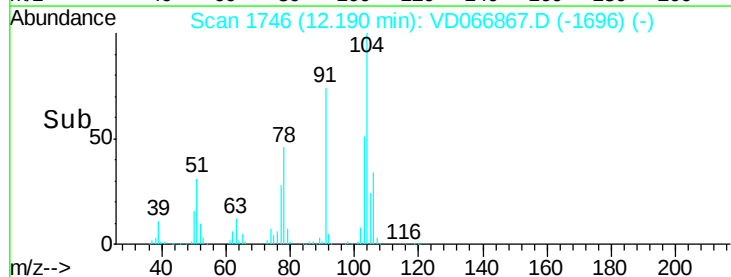
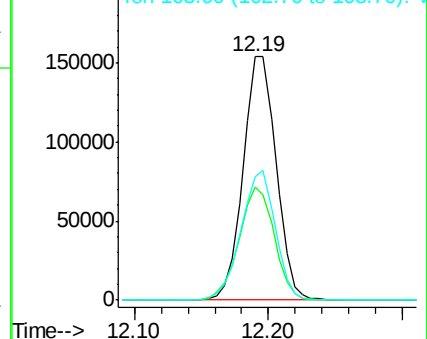
103 55.0 43.2 64.8

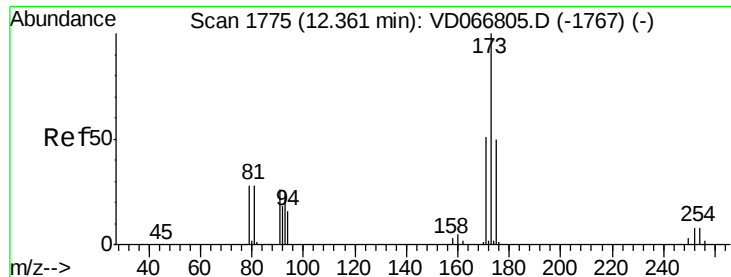


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.686 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD01

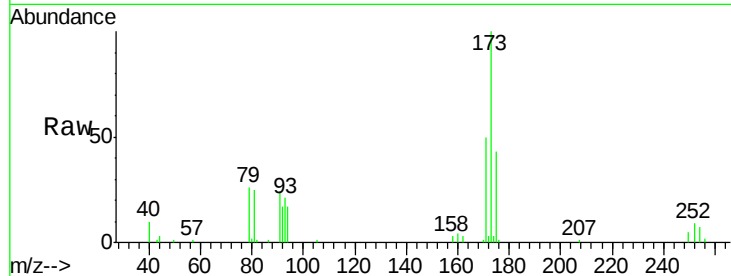
Tgt Ion:173 Resp: 48396

Ion Ratio Lower Upper

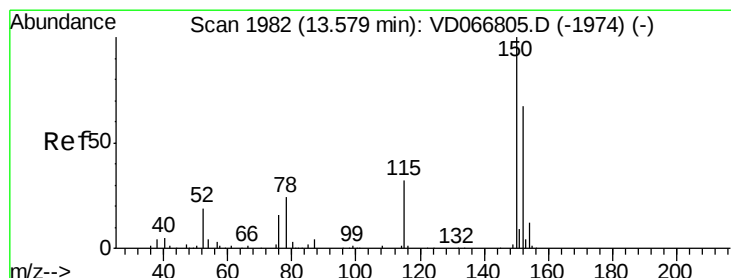
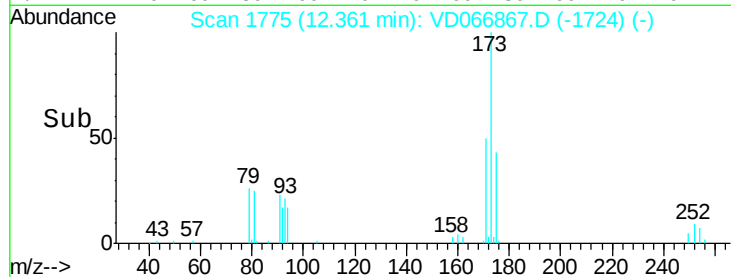
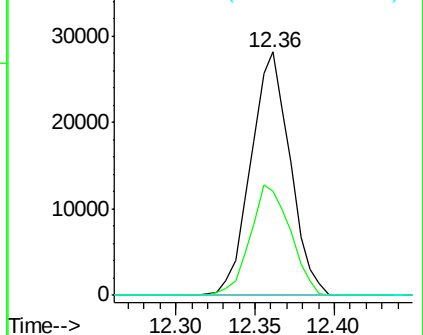
173 100

175 46.2 24.9 74.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

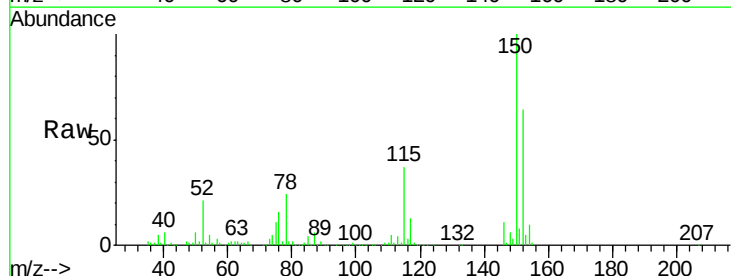
Tgt Ion:152 Resp: 280865

Ion Ratio Lower Upper

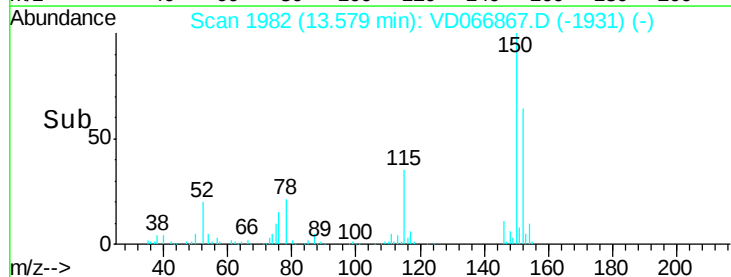
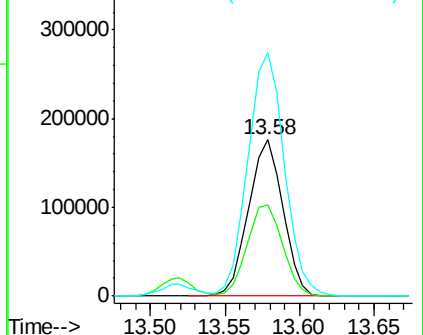
152 100

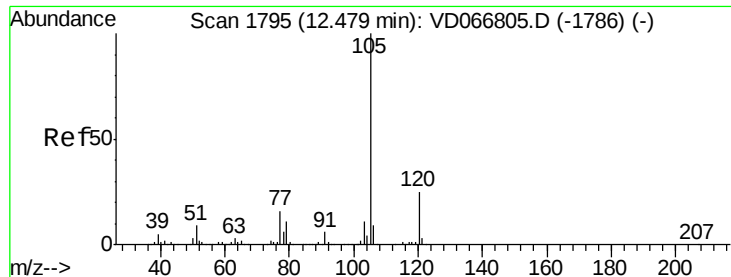
115 60.4 30.3 91.0

150 164.9 0.0 346.2



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





#73

Isopropylbenzene

Concen: 20.476 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

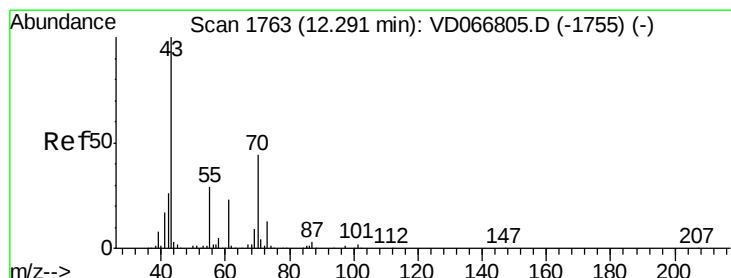
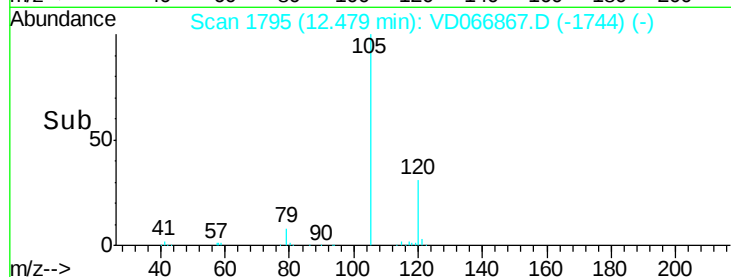
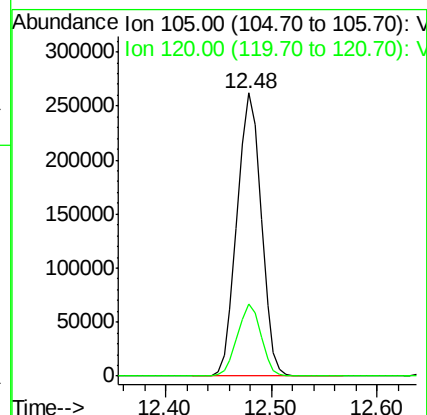
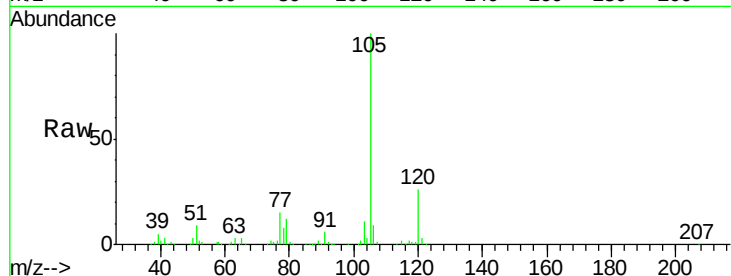
VD0925SBS01

Tgt Ion:105 Resp: 415446

Ion Ratio Lower Upper

105 100

120 25.1 12.9 38.6



#74

N-ethyl acetate

Concen: 19.690 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Tgt Ion: 43 Resp: 78018

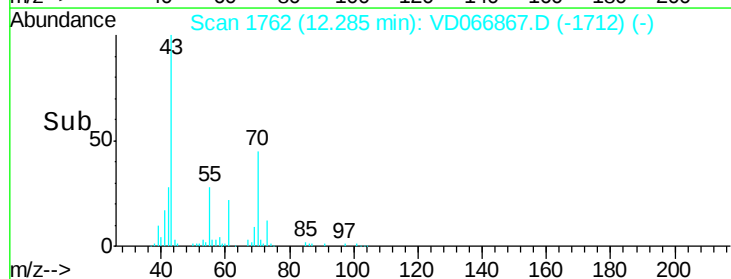
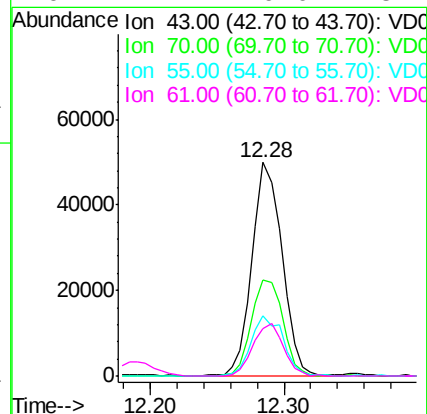
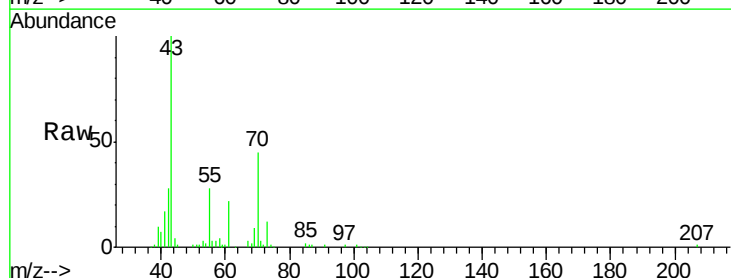
Ion Ratio Lower Upper

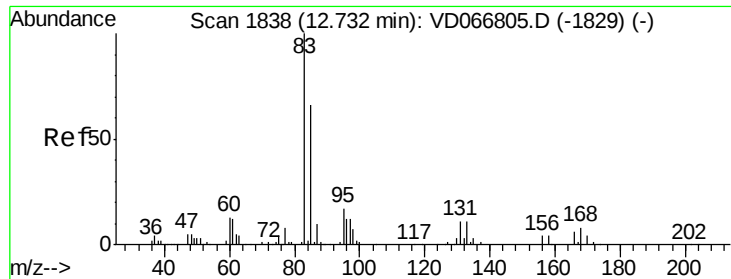
43 100

70 46.9 36.1 54.1

55 30.0 21.8 32.8

61 24.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.764 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD01

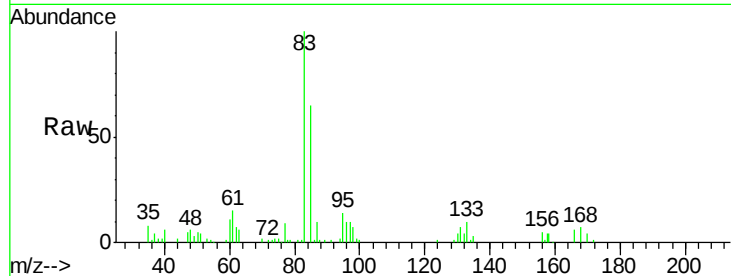
Tgt Ion: 83 Resp: 72697

Ion Ratio Lower Upper

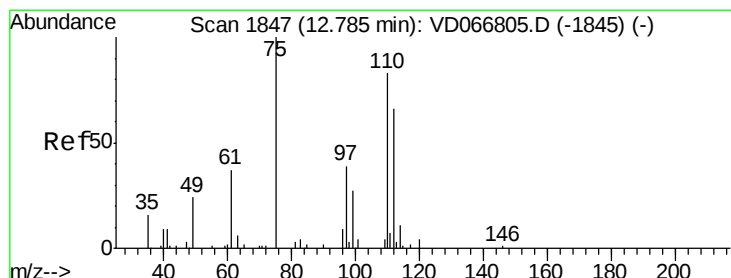
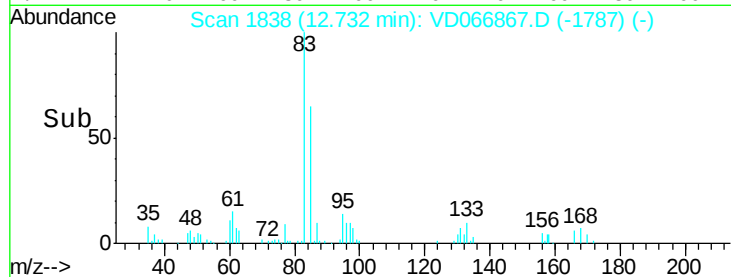
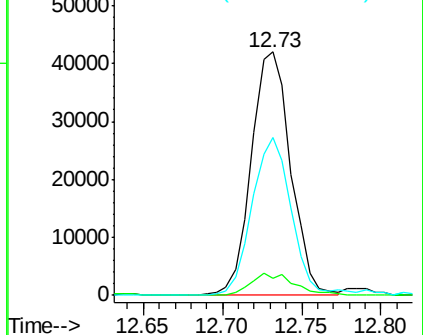
83 100

131 9.9 5.5 16.7

85 63.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 39.046 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066867.D

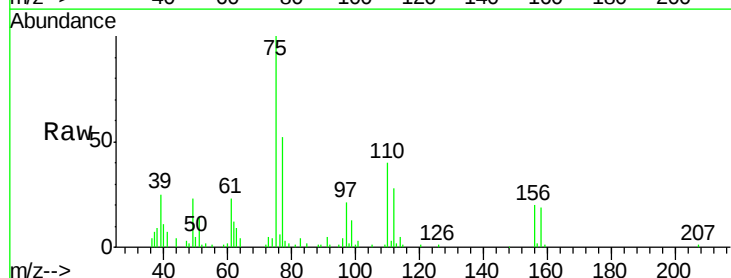
Acq: 25 Sep 2020 12:04

Tgt Ion: 75 Resp: 90883

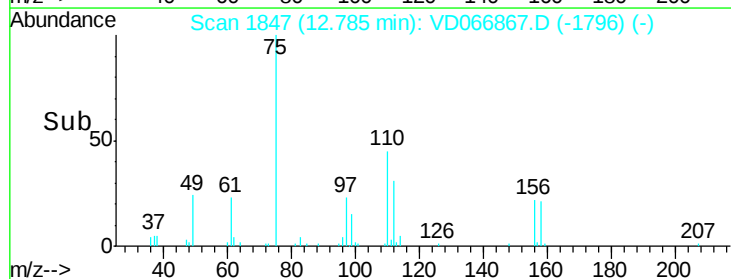
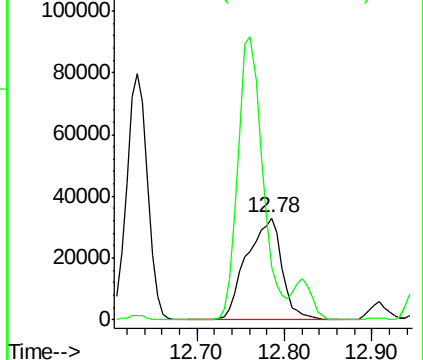
Ion Ratio Lower Upper

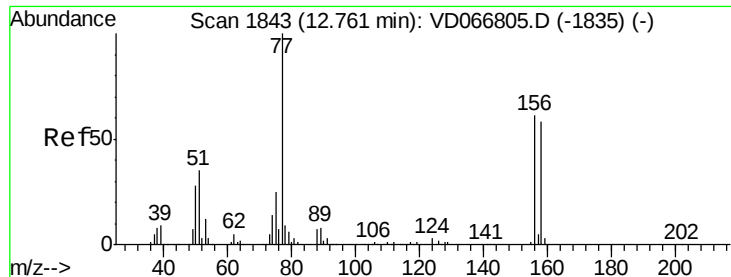
75 100

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: 21.297 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD01

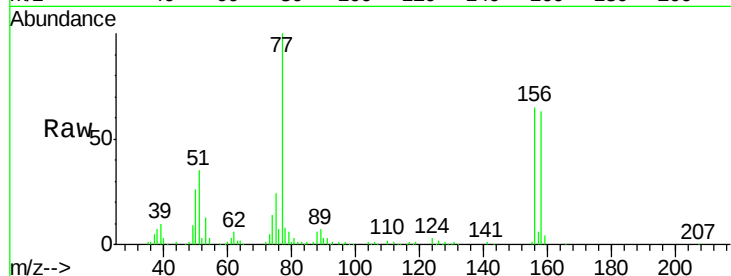
Tgt Ion:156 Resp: 101062

Ion Ratio Lower Upper

156 100

77 174.7 92.3 276.9

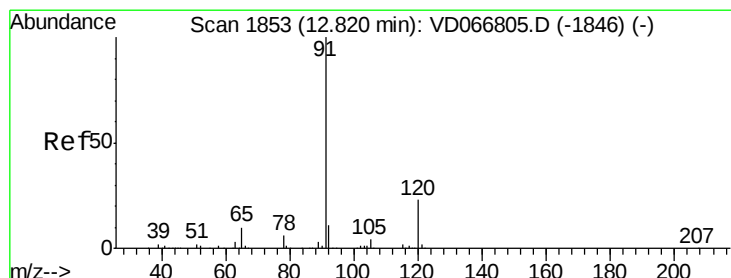
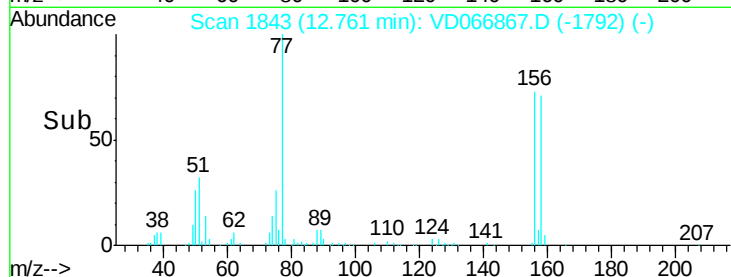
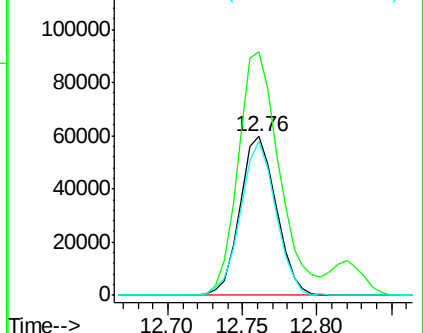
158 94.3 47.6 142.9



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: 20.443 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066867.D

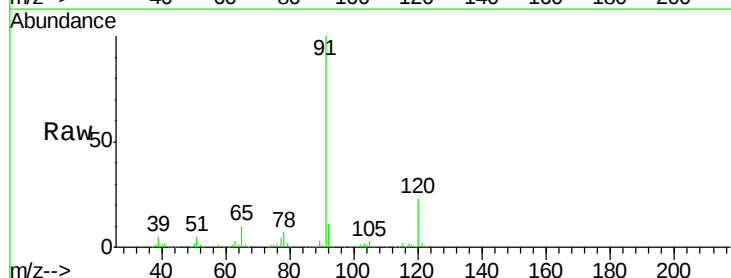
Acq: 25 Sep 2020 12:04

Tgt Ion: 91 Resp: 498999

Ion Ratio Lower Upper

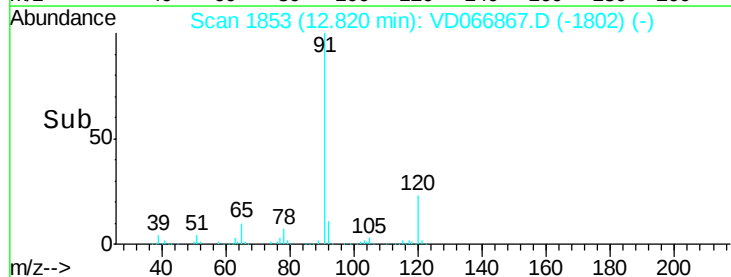
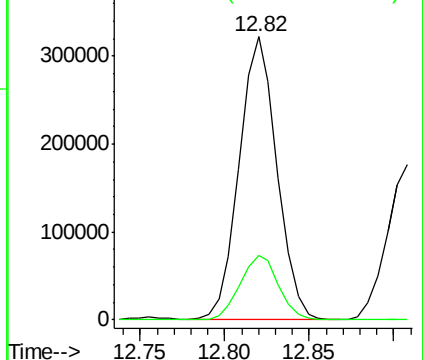
91 100

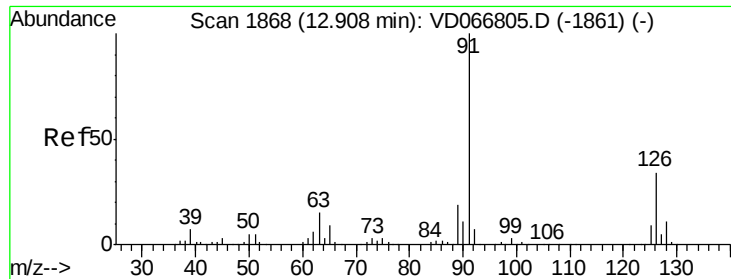
120 23.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

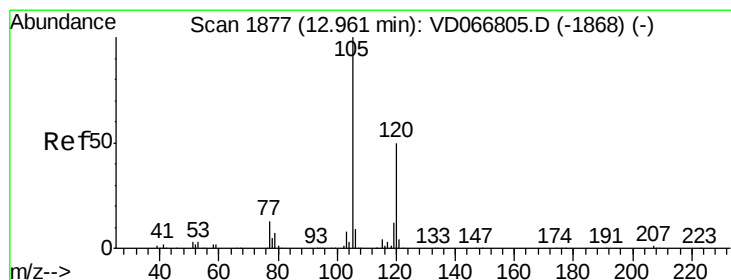
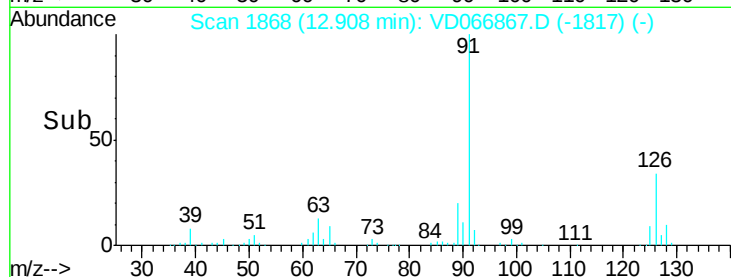
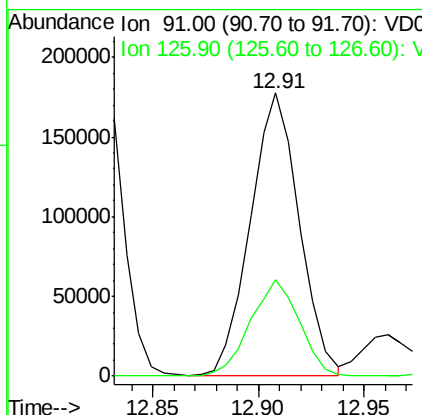
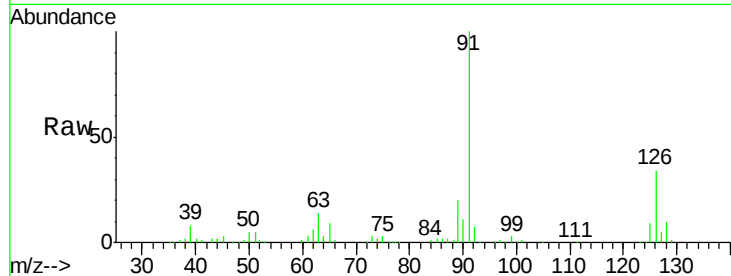




#79
 2-Chlorotoluene
 Concen: 20.469 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

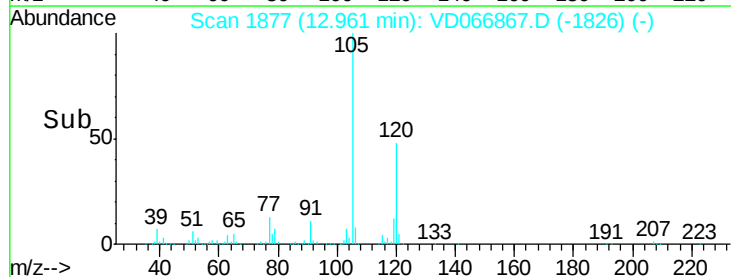
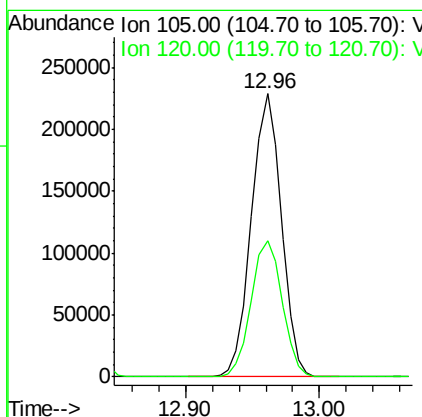
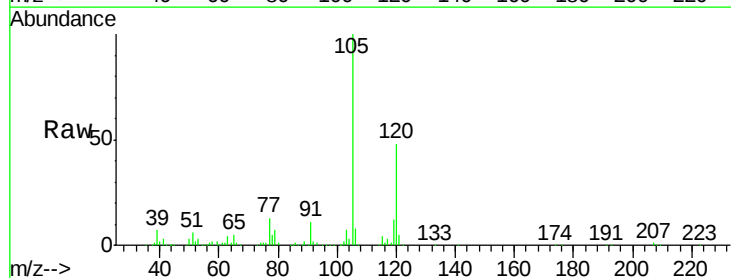
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

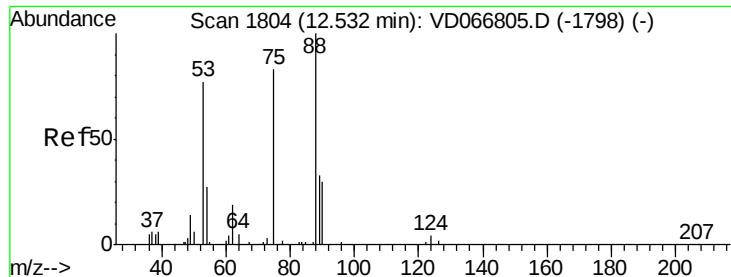
Tgt Ion: 91 Resp: 284715
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.598 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion: 105 Resp: 354619
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.185 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066867.D

Acq: 25 Sep 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD01

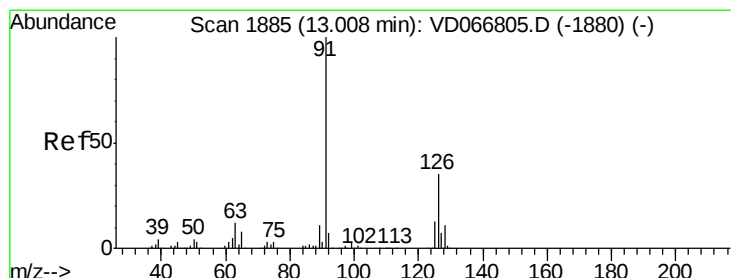
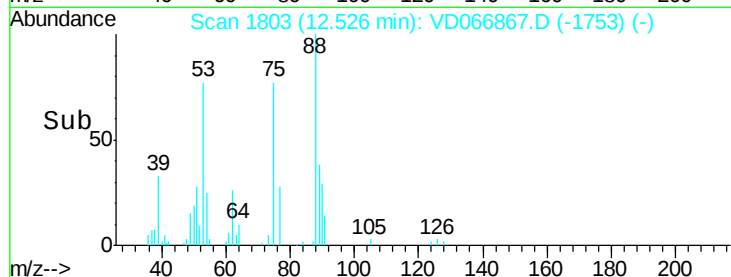
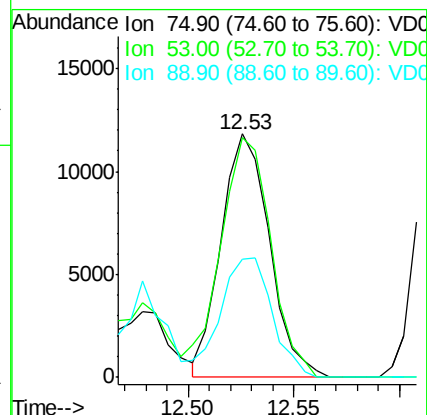
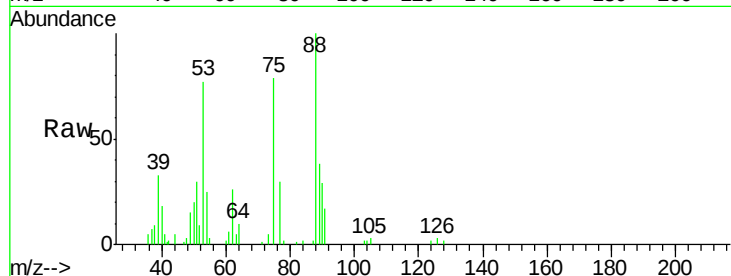
Tgt Ion: 75 Resp: 18779

Ion Ratio Lower Upper

75 100

53 103.3 78.5 117.7

89 51.6 38.1 57.1



#82

4-Chlorotoluene

Concen: 21.052 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066867.D

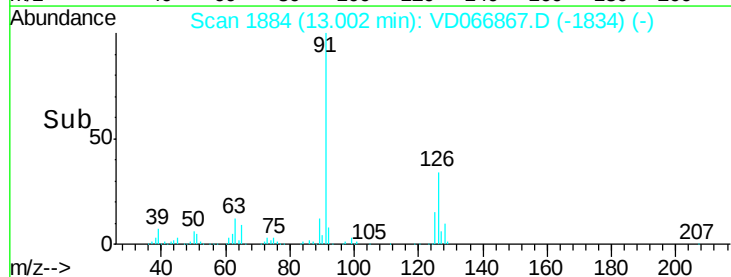
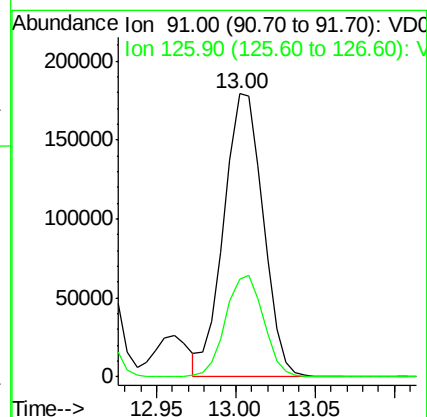
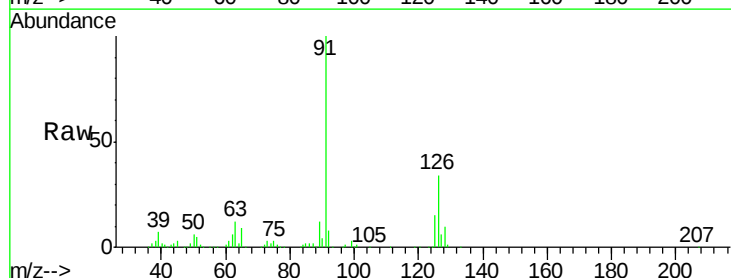
Acq: 25 Sep 2020 12:04

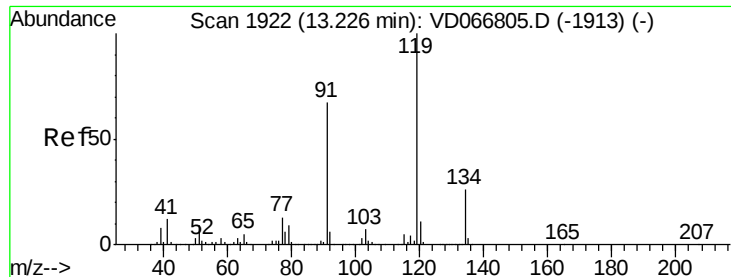
Tgt Ion: 91 Resp: 308675

Ion Ratio Lower Upper

91 100

126 34.6 17.1 51.2

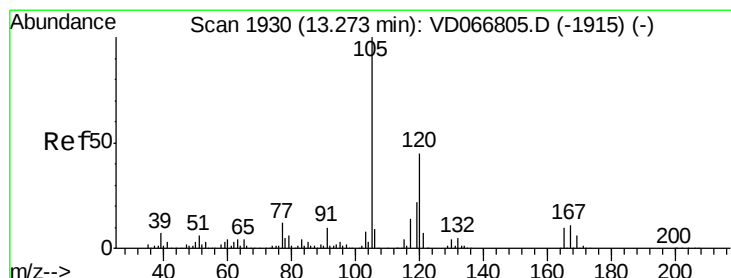
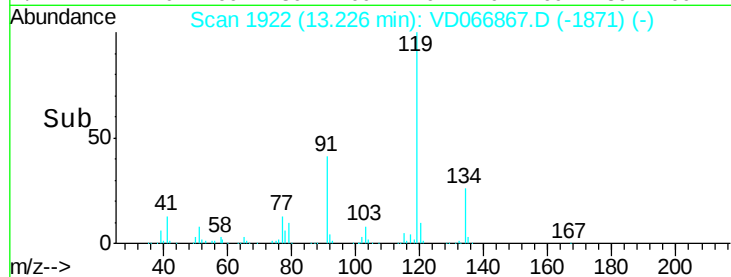
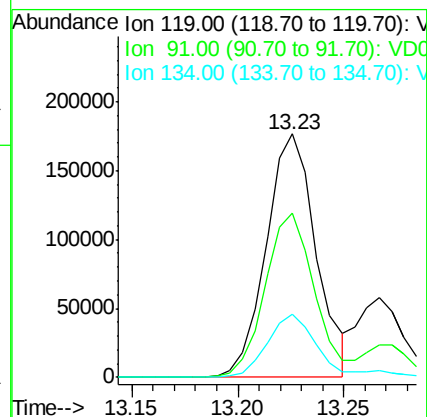
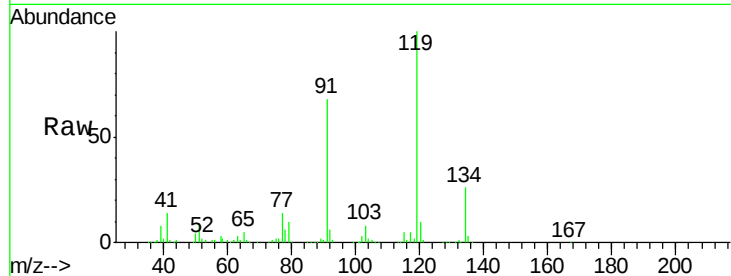




#83
 tert-Butylbenzene
 Concen: 20.554 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

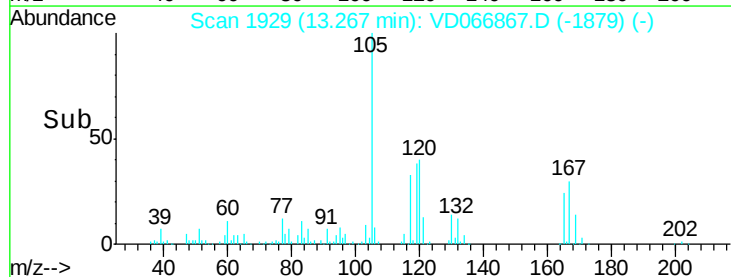
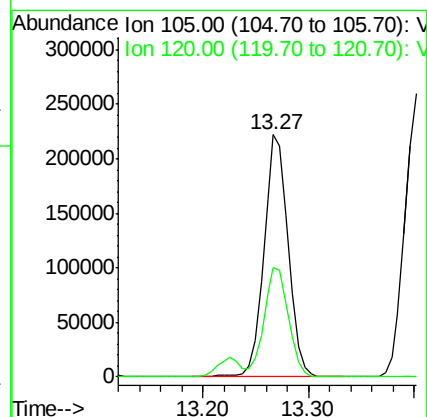
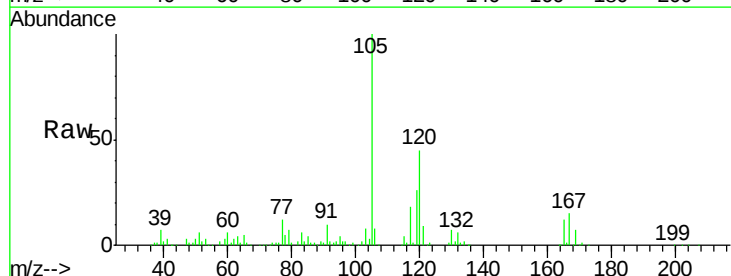
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

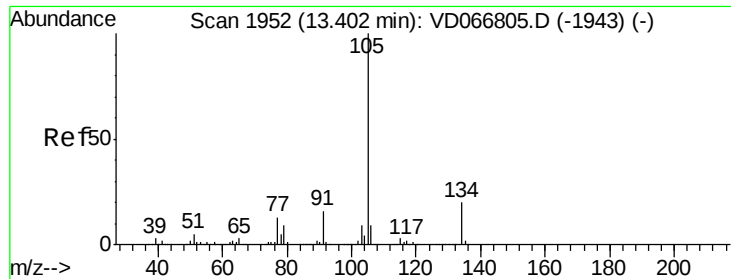
Tgt Ion:119 Resp: 290775
 Ion Ratio Lower Upper
 119 100
 91 67.4 33.6 100.8
 134 25.1 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.759 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion:105 Resp: 354391
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.9

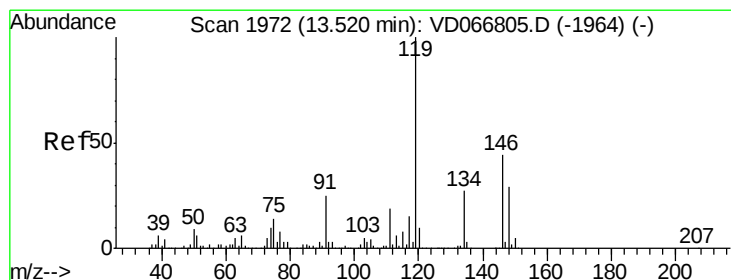
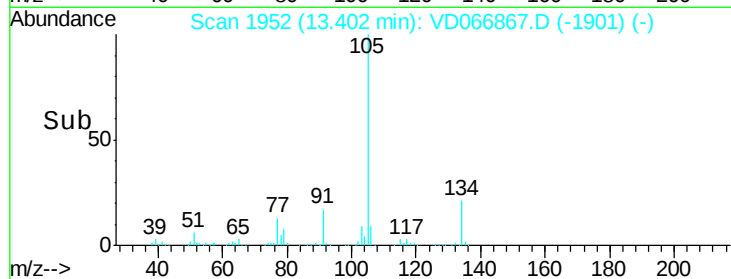
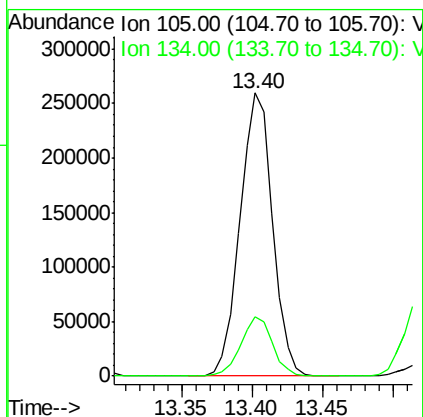
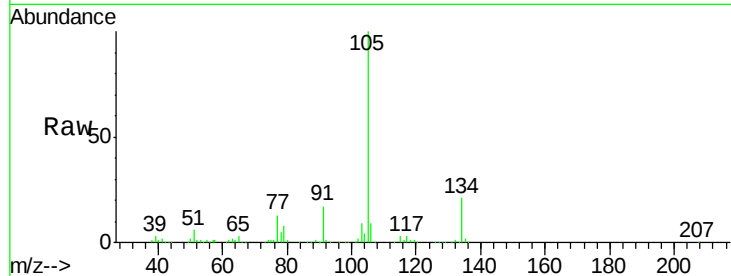




#85
 sec-Butylbenzene
 Concen: 20.468 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

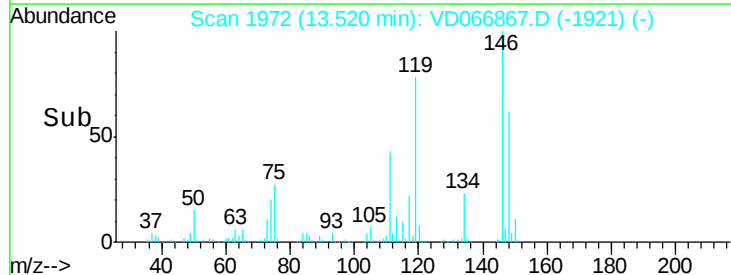
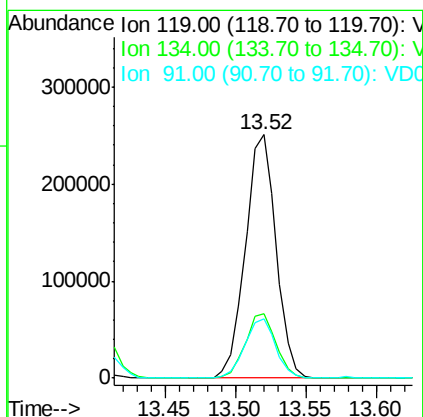
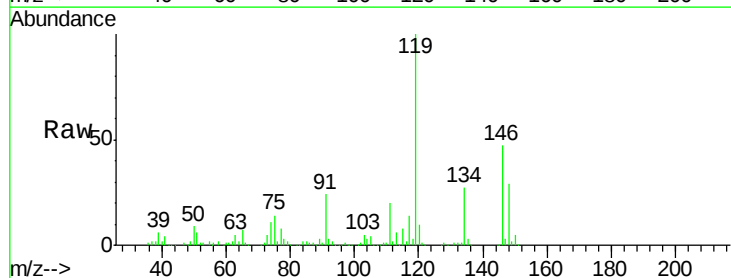
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

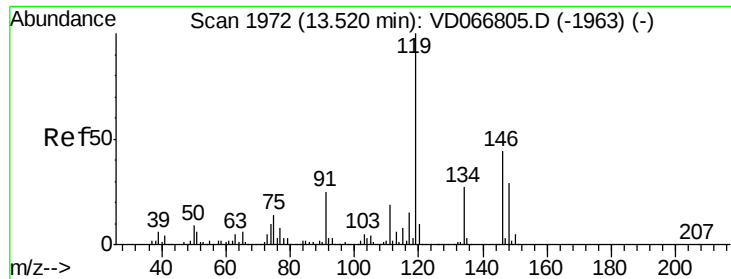
Tgt Ion:105 Resp: 416387
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.809 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion:119 Resp: 381578
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 38.9
 91 24.2 12.0 36.1

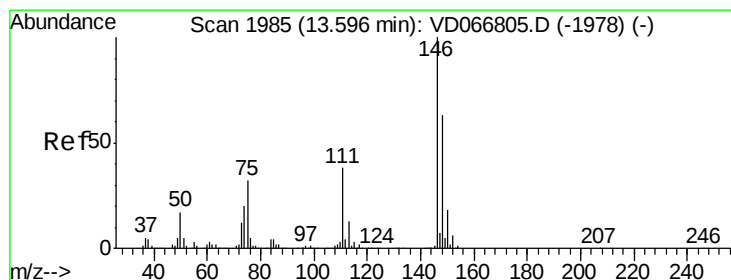
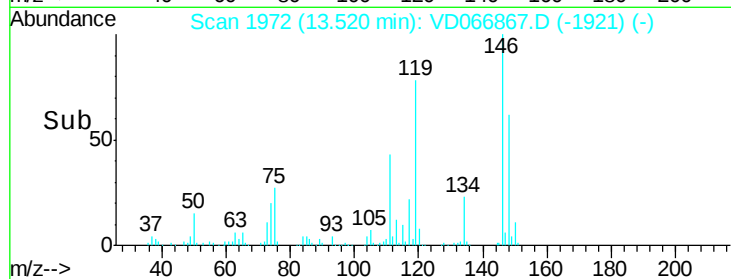
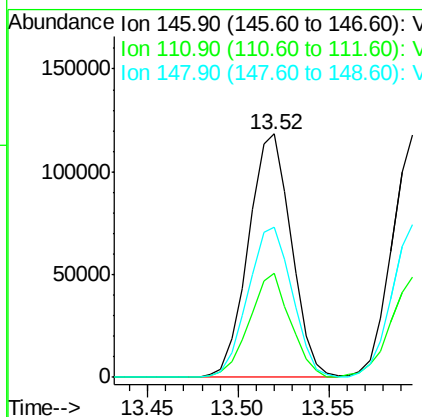
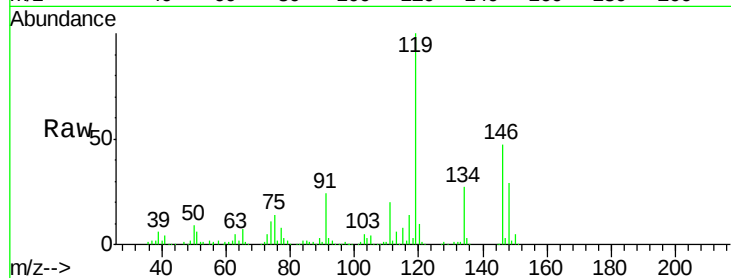




#87
 1,3-Dichlorobenzene
 Concen: 20.790 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

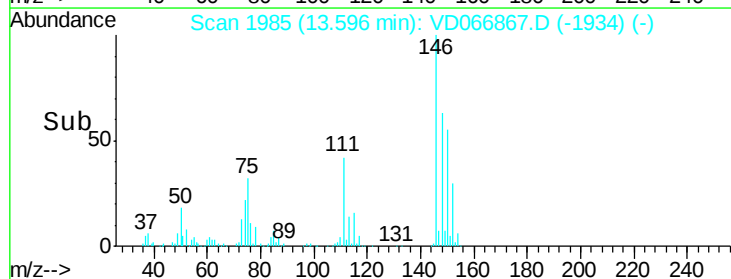
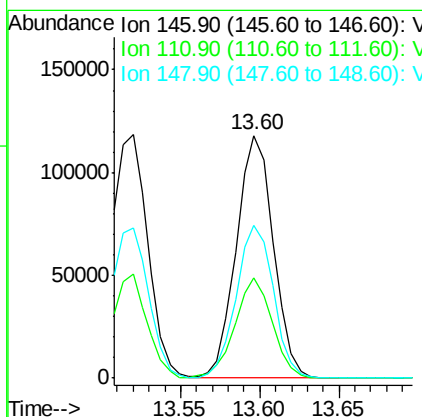
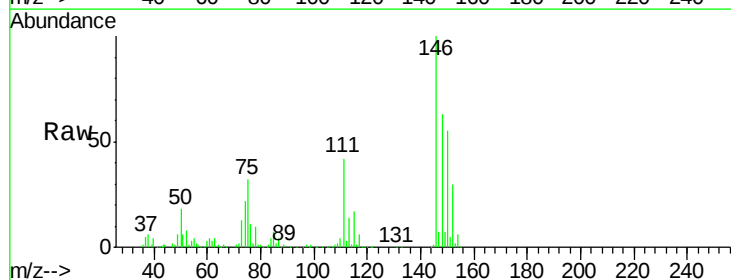
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

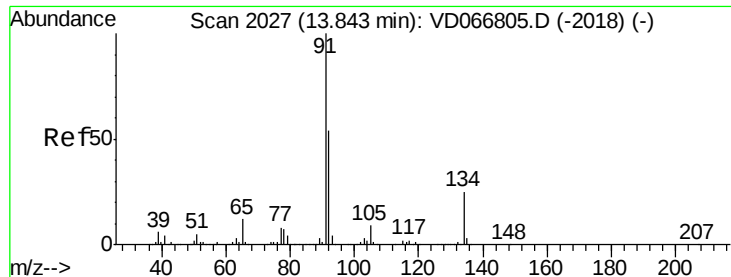
Tgt Ion:146 Resp: 194907
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.3 60.9
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.598 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion:146 Resp: 191794
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.2 60.5
 148 63.3 31.6 94.7

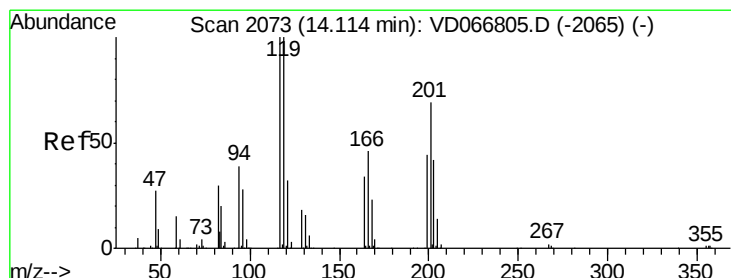
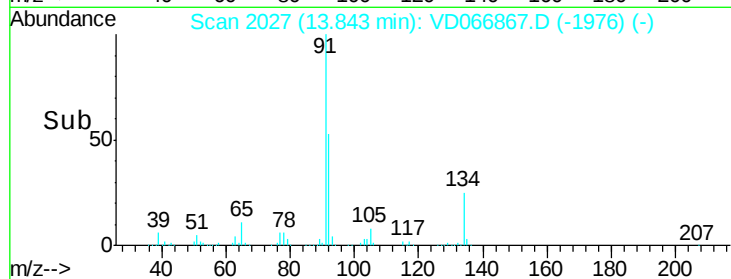
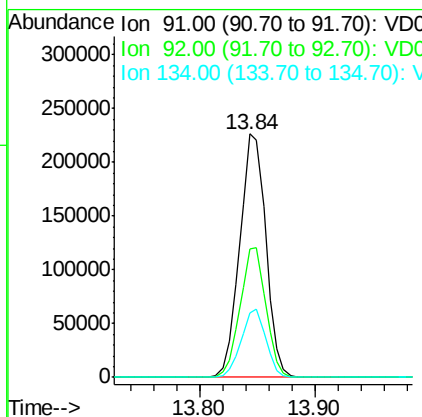
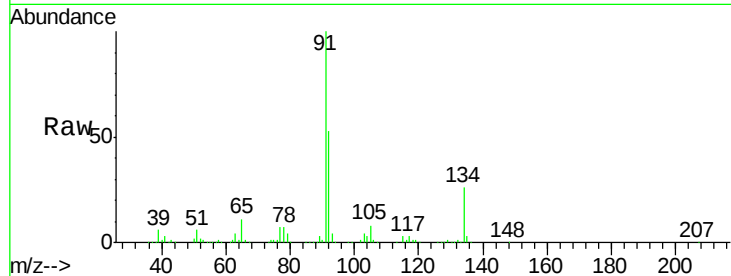




#89
n-Butylbenzene
Concen: 20.434 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

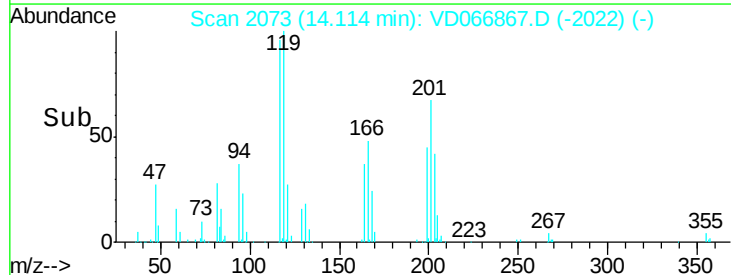
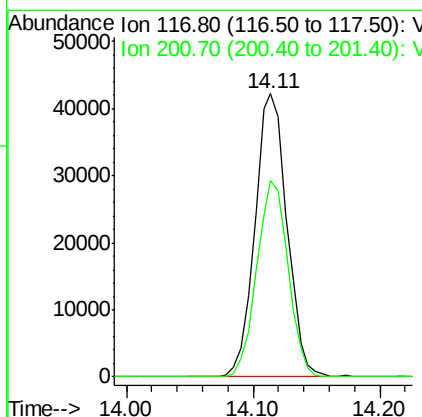
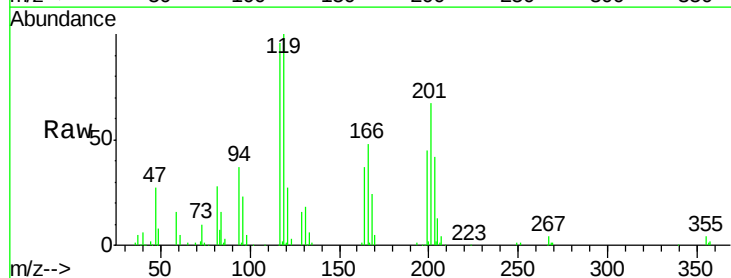
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD01

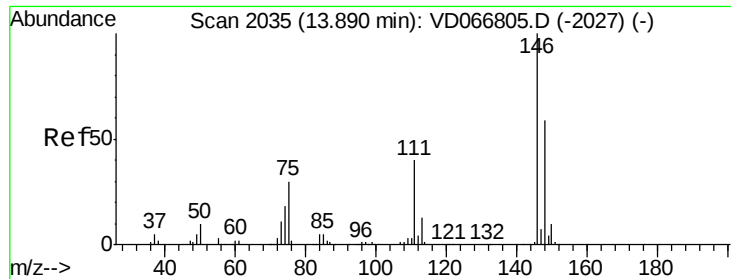
Tgt Ion: 91 Resp: 356146
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.0
134 26.4 13.1 39.1



#90
Hexachloroethane
Concen: 20.017 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion: 117 Resp: 74518
Ion Ratio Lower Upper
117 100
201 67.7 33.7 101.0

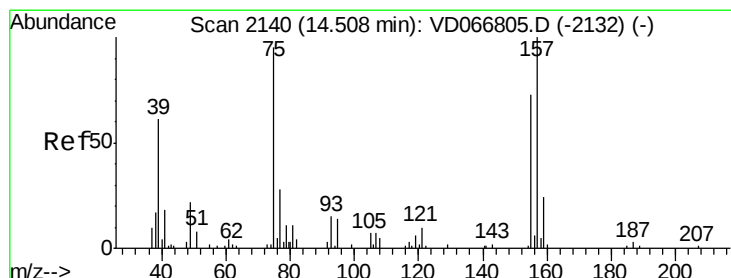
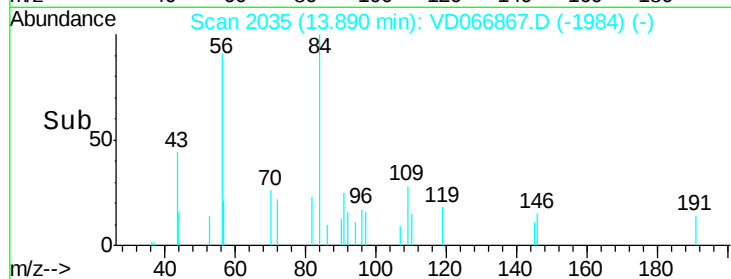
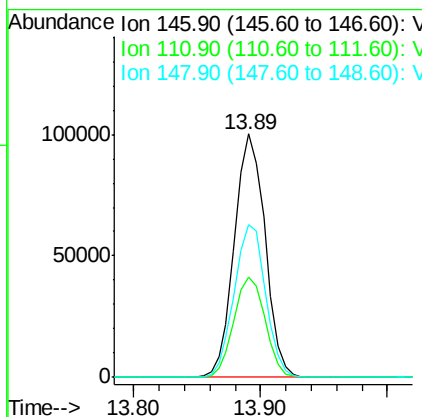
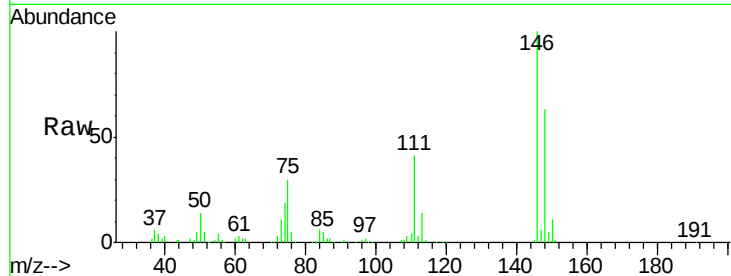




#91
 1,2-Dichlorobenzene
 Concen: 20.952 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

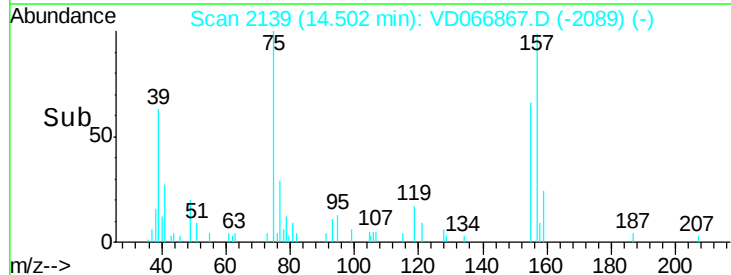
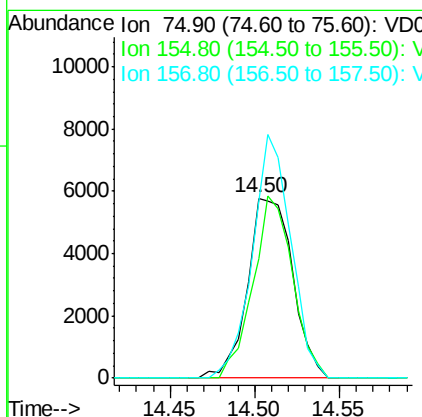
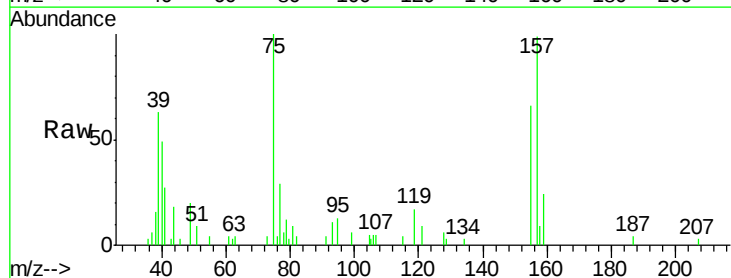
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

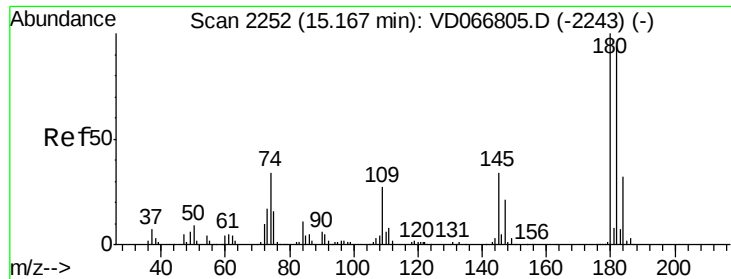
Tgt Ion:146 Resp: 168051
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.9 62.7
 148 64.1 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.043 ug/l
 RT: 14.50 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion: 75 Resp: 10725
 Ion Ratio Lower Upper
 75 100
 155 88.8 40.4 121.2
 157 115.5 51.3 153.9

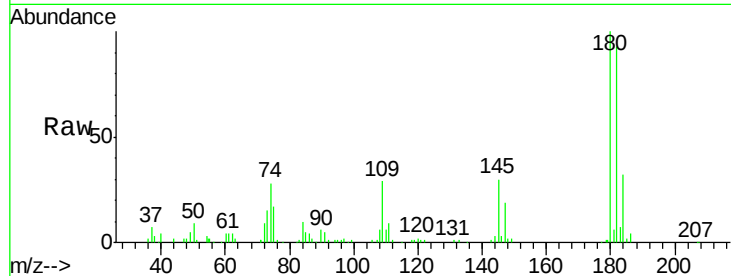




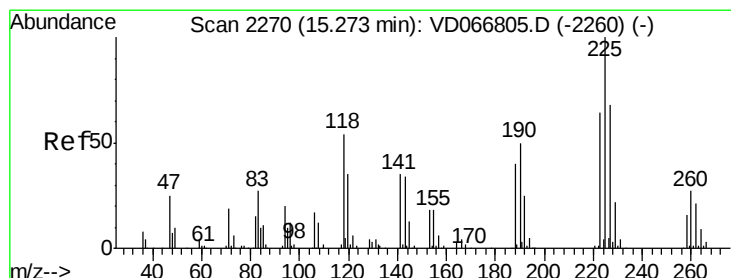
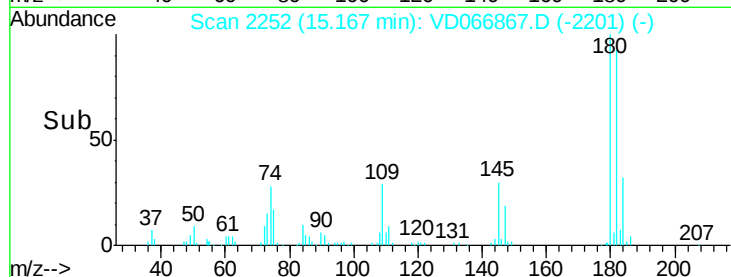
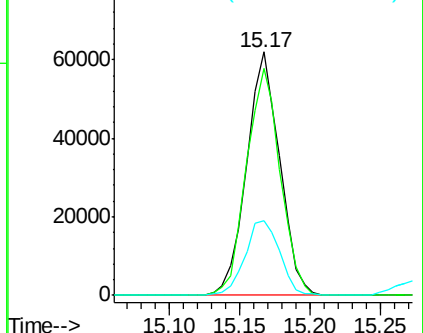
#93
 1,2,4-Trichlorobenzene
 Concen: 20.233 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.8	146.3
145	32.2	16.7	50.0

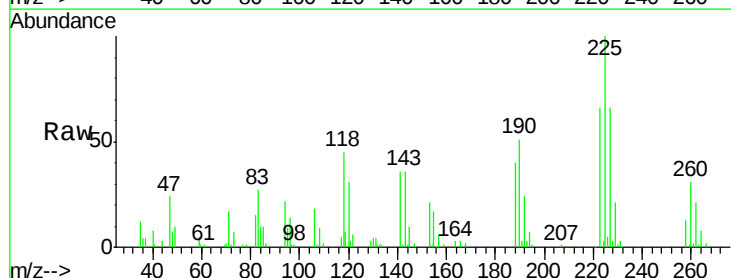


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

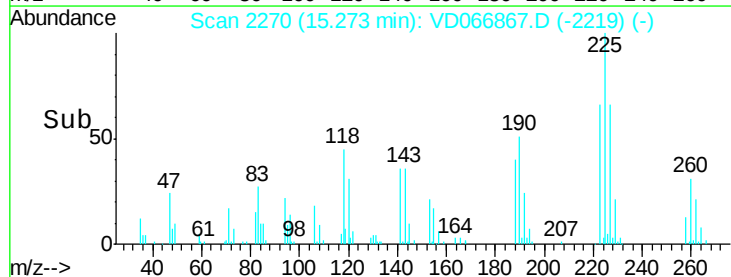
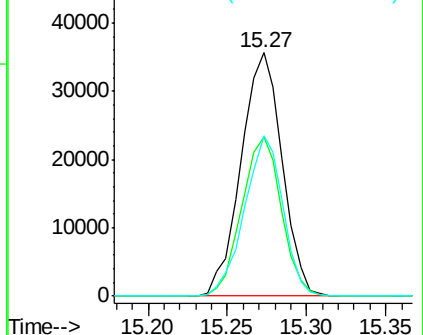


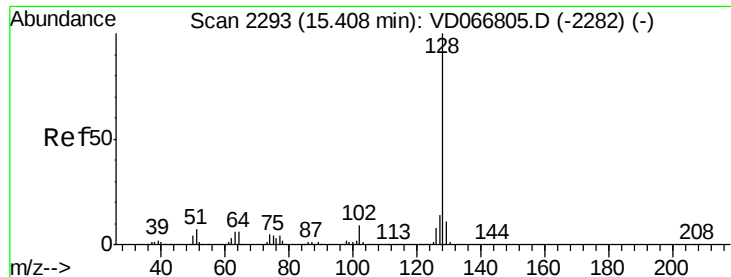
#94
 Hexachlorobutadiene
 Concen: 21.231 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066867.D
 Acq: 25 Sep 2020 12:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.3
227	61.4	31.7	95.1



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

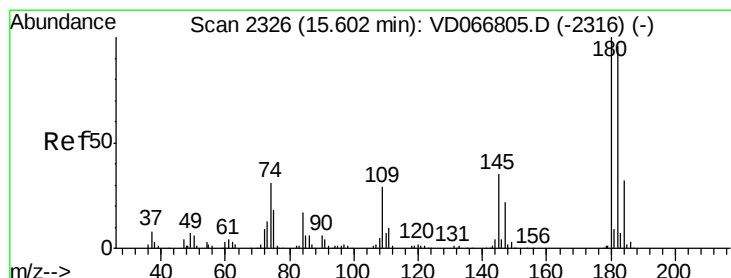
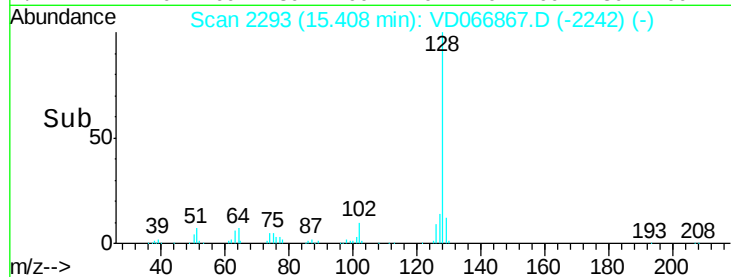
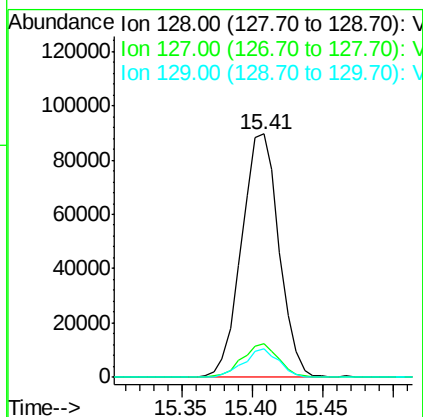
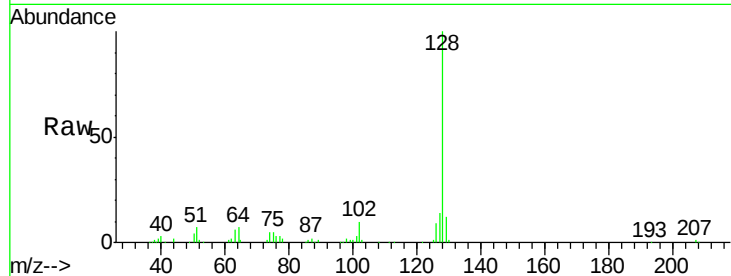




#95
Naphthalene
Concen: 19.480 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD01

Tgt Ion:128 Resp: 166990
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.455 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066867.D
Acq: 25 Sep 2020 12:04

Tgt Ion:180 Resp: 89142
Ion Ratio Lower Upper
180 100
182 93.8 46.8 140.3
145 33.3 17.0 51.0

