

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066760.D
 Acq On : 18 Sep 2020 12:28
 Operator : VA/SY
 Sample : VD0918SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBS01

Quant Time: Sep 19 03:13:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	414354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	679561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	616803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286225	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218996	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.91	113	211881	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.34	98	775698	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.63	95	259495	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	79249	23.311	ug/l	97
3) Chloromethane	2.21	50	91053	20.194	ug/l	98
4) Vinyl Chloride	2.35	62	93627	19.840	ug/l	98
5) Bromomethane	2.76	94	59892	17.891	ug/l	96
6) Chloroethane	2.92	64	55918	19.021	ug/l	90
7) Trichlorofluoromethane	3.27	101	173352	21.268	ug/l	100
8) Diethyl Ether	3.71	74	43464	21.295	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	94832	21.170	ug/l	97
10) Methyl Iodide	4.30	142	78911	18.567	ug/l	99
11) Tert butyl alcohol	5.21	59	41800	106.137	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	86219	20.795	ug/l	97
13) Acrolein	3.93	56	27386	87.833	ug/l	98
14) Allyl chloride	4.71	41	133911	20.112	ug/l	97
15) Acrylonitrile	5.42	53	91531	102.371	ug/l	98
16) Acetone	4.16	43	92345	102.575	ug/l	94
17) Carbon Disulfide	4.41	76	275246	21.127	ug/l	100
18) Methyl Acetate	4.71	43	41399	19.333	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	189947	20.568	ug/l	99
20) Methylene Chloride	4.96	84	115772	19.420	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	101705	21.055	ug/l	95
22) Diisopropyl ether	6.36	45	281401	20.799	ug/l	98
23) Vinyl Acetate	6.30	43	774229	102.878	ug/l	98
24) 1,1-Dichloroethane	6.26	63	175609	20.455	ug/l	99
25) 2-Butanone	7.21	43	118684	101.242	ug/l	99
26) 2,2-Dichloropropane	7.21	77	157593	19.850	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	107447	20.332	ug/l	99
28) Bromochloromethane	7.54	49	70489	21.981	ug/l	95
29) Tetrahydrofuran	7.57	42	70759	98.654	ug/l	96
30) Chloroform	7.71	83	184480	20.190	ug/l	95
31) Cyclohexane	7.98	56	158369	20.280	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	174351	20.852	ug/l	100
36) 1,1-Dichloropropene	8.11	75	147201	21.068	ug/l	98
37) Ethyl Acetate	7.29	43	49975	18.894	ug/l #	91
38) Carbon Tetrachloride	8.10	117	152780	20.591	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066760.D
 Acq On : 18 Sep 2020 12:28
 Operator : VA/SY
 Sample : VD0918SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBS01

Quant Time: Sep 19 03:13:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	165365	20.692	ug/l	93
40) Benzene	8.35	78	395847	20.942	ug/l	98
41) Methacrylonitrile	7.53	41	28845	20.599	ug/l #	62
42) 1,2-Dichloroethane	8.43	62	117424	20.052	ug/l	98
43) Isopropyl Acetate	8.45	43	98741	19.833	ug/l	98
44) Trichloroethene	9.11	130	104612	20.699	ug/l	100
45) 1,2-Dichloropropane	9.38	63	99021	21.190	ug/l	92
46) Dibromomethane	9.47	93	53680	20.905	ug/l	97
47) Bromodichloromethane	9.66	83	144654	20.673	ug/l	98
48) Methyl methacrylate	9.45	41	51705	20.418	ug/l	96
49) 1,4-Dioxane	9.46	88	12380	450.077	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	257427	100.435	ug/l	99
52) Toluene	10.40	92	252828	20.879	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	126308	20.207	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	155678	20.969	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	72025	21.274	ug/l	98
56) Ethyl methacrylate	10.66	69	75465	19.642	ug/l	98
57) 1,3-Dichloropropane	10.94	76	122002	20.534	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	202727	120.144	ug/l	97
59) 2-Hexanone	10.98	43	178981	103.926	ug/l	97
60) Dibromochloromethane	11.14	129	93134	21.112	ug/l	97
61) 1,2-Dibromoethane	11.24	107	69141	21.290	ug/l	95
64) Tetrachloroethene	10.87	164	88812	21.093	ug/l	93
65) Chlorobenzene	11.67	112	264676	20.726	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	99821	21.185	ug/l	98
67) Ethyl Benzene	11.74	91	474911	20.531	ug/l	99
68) m/p-Xylenes	11.86	106	372692	42.630	ug/l	96
69) o-Xylene	12.18	106	158156	20.471	ug/l	99
70) Styrene	12.20	104	283935	20.881	ug/l	99
71) Bromoform	12.36	173	49426	20.902	ug/l #	100
73) Isopropylbenzene	12.48	105	443465	20.754	ug/l	100
74) N-amyl acetate	12.29	43	88831	19.708	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	74918	20.634	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	100310	40.943	ug/l #	100
77) Bromobenzene	12.76	156	102565	20.826	ug/l	98
78) n-propylbenzene	12.82	91	545674	20.949	ug/l	99
79) 2-Chlorotoluene	12.91	91	307361	20.869	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	383118	21.206	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	24167	21.289	ug/l	95
82) 4-Chlorotoluene	13.01	91	323280	20.759	ug/l	100
83) tert-Butylbenzene	13.23	119	301802	20.268	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	373356	20.678	ug/l	100
85) sec-Butylbenzene	13.40	105	445926	20.889	ug/l	98
86) p-Isopropyltoluene	13.52	119	396038	20.406	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	197241	20.876	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	196194	20.852	ug/l	98
89) n-Butylbenzene	13.84	91	381560	20.676	ug/l	98
90) Hexachloroethane	14.11	117	83678	20.988	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	170976	21.119	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12024	20.486	ug/l	96

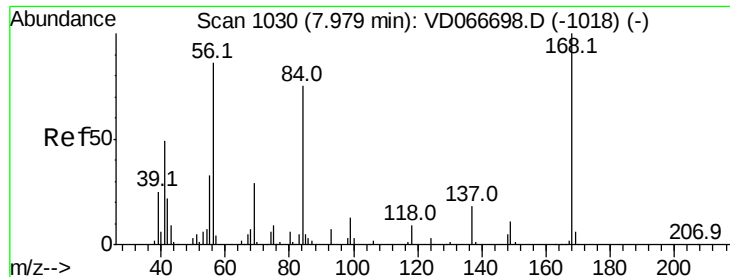
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091820\
Data File : VD066760.D
Acq On : 18 Sep 2020 12:28
Operator : VA/SY
Sample : VD0918SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0918SBSD01

Quant Time: Sep 19 03:13:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	105655	21.577	ug/l	99
94) Hexachlorobutadiene	15.27	225	62033	21.027	ug/l	98
95) Naphthalene	15.41	128	172149	20.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	91152	21.312	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

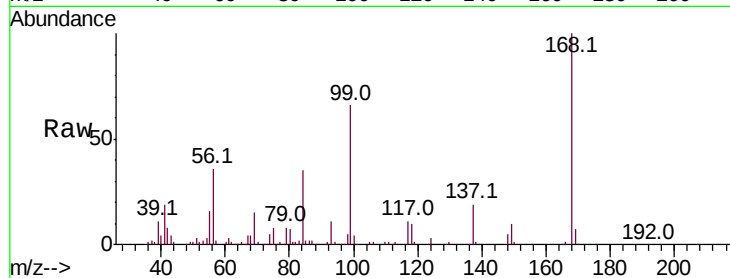
VD0918SBSD01

Tot Ion:168 Resp: 414354

Ion Ratio Lower Upper

168 100

99 65.4 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

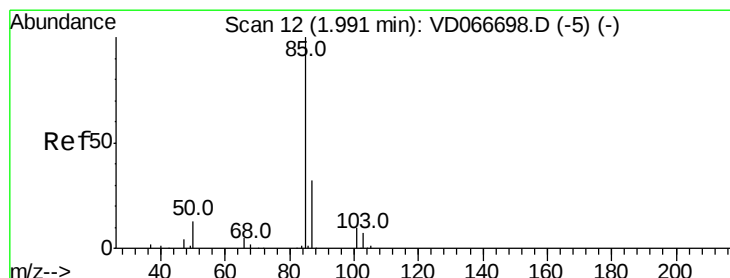
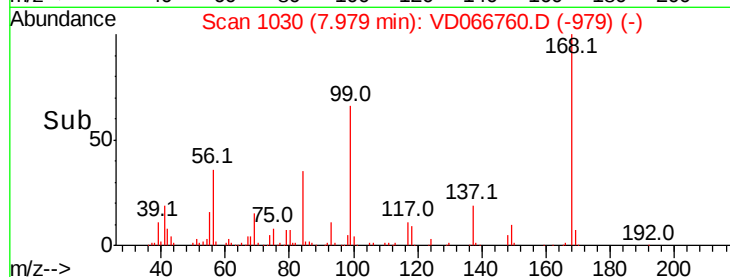
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.311 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066760.D

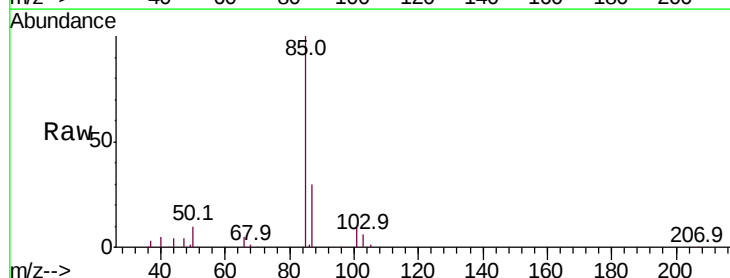
Acq: 18 Sep 2020 12:28

Tgt Ion: 85 Resp: 79249

Ion Ratio Lower Upper

85 100

87 30.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

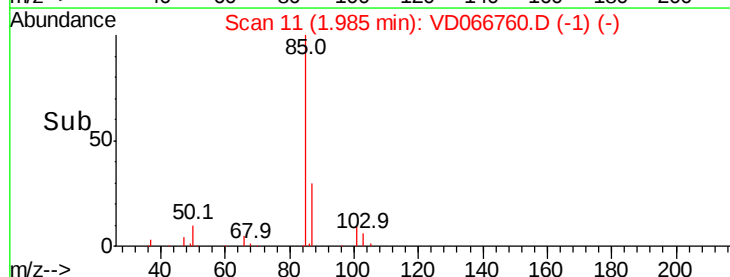
20000

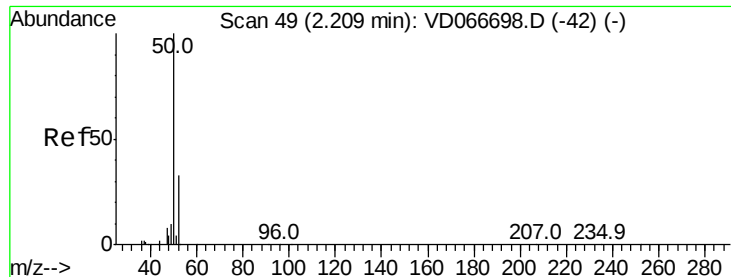
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.194 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

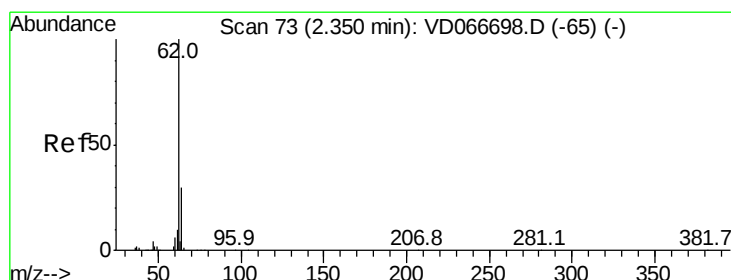
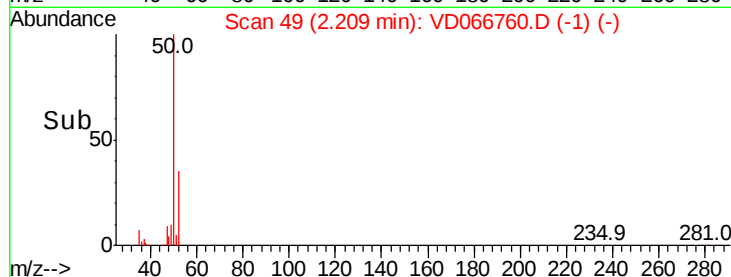
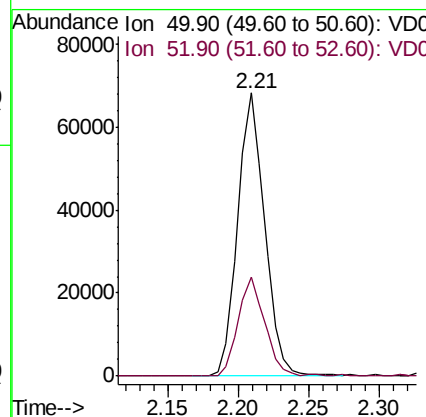
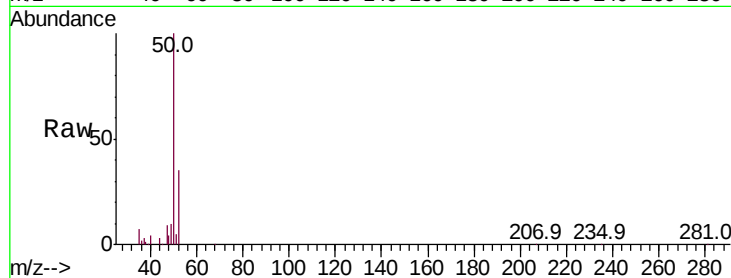
VD0918SBS01

Tot Ion: 50 Resp: 91053

Ion Ratio Lower Upper

50 100

52 34.9 26.8 40.2



#4

Vinyl Chloride

Concen: 19.840 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066760.D

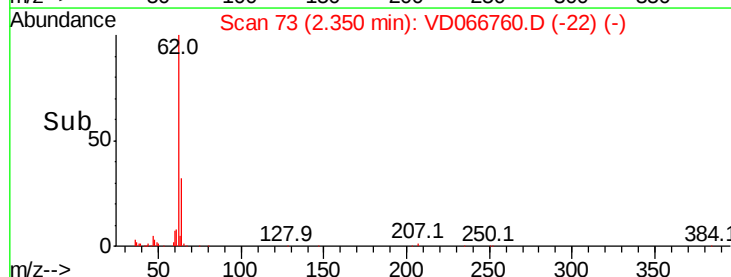
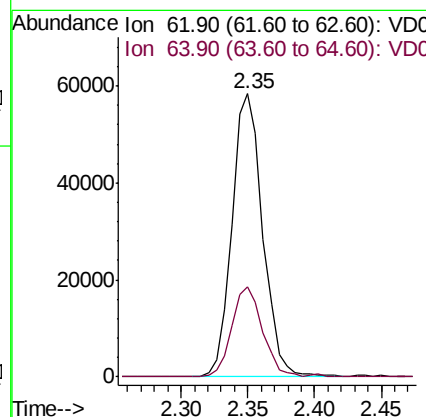
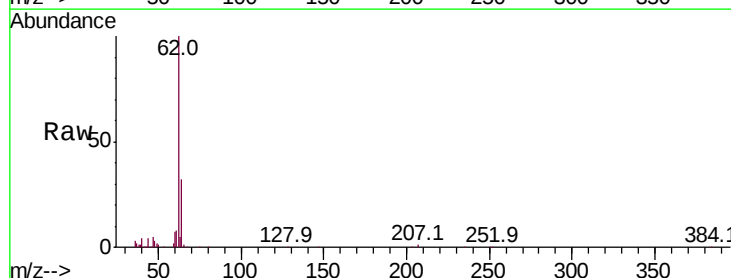
Acq: 18 Sep 2020 12:28

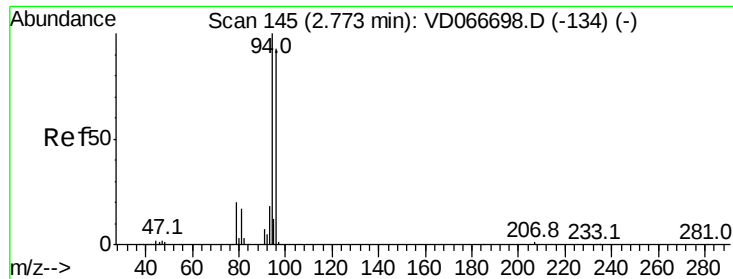
Tgt Ion: 62 Resp: 93627

Ion Ratio Lower Upper

62 100

64 31.8 24.4 36.6





#5

Bromomethane

Concen: 17.891 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

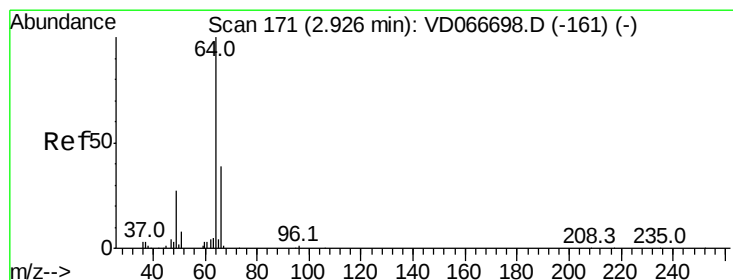
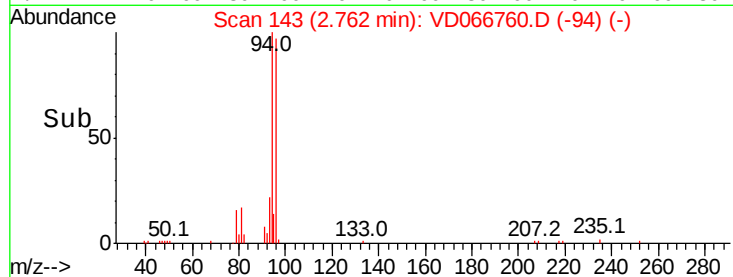
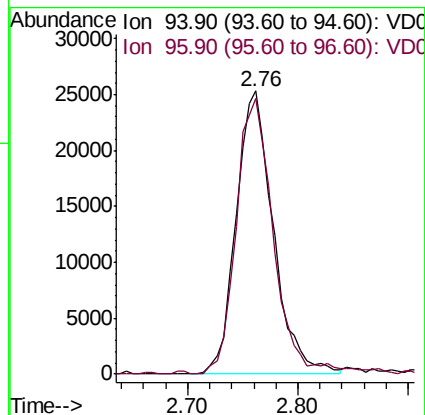
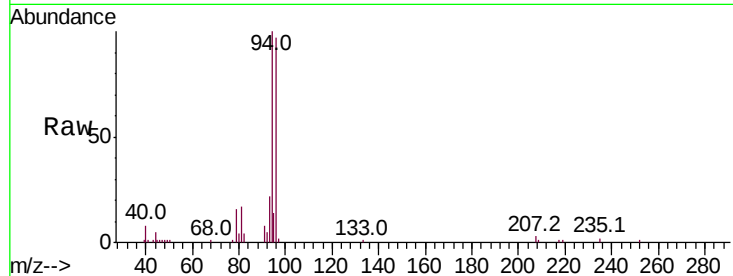
VD0918SBS01

Tot Ion: 94 Resp: 59892

Ion Ratio Lower Upper

94 100

96 97.3 74.7 112.1



#6

Chloroethane

Concen: 19.021 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066760.D

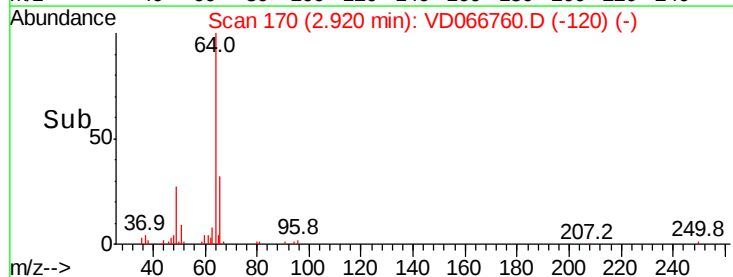
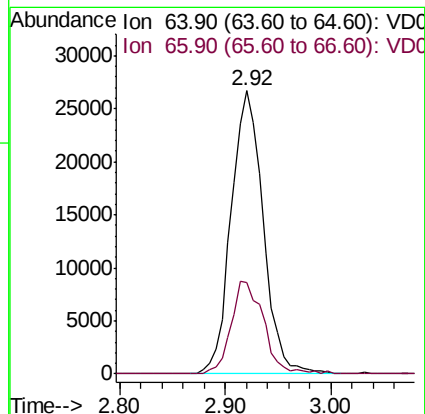
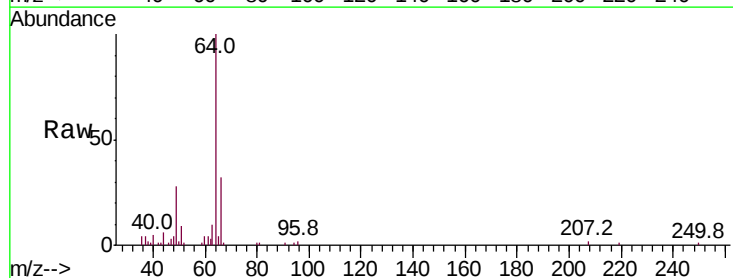
Acq: 18 Sep 2020 12:28

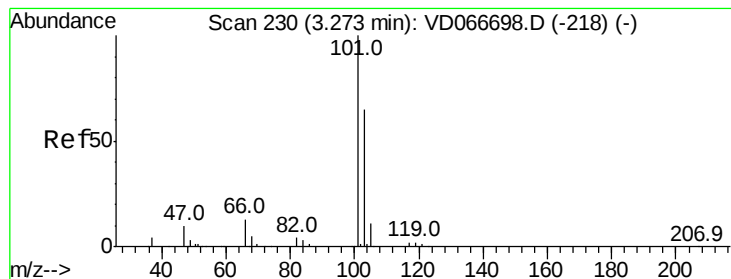
Tgt Ion: 64 Resp: 55918

Ion Ratio Lower Upper

64 100

66 32.5 30.9 46.3





#7

Trichlorofluoromethane

Concen: 21.268 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

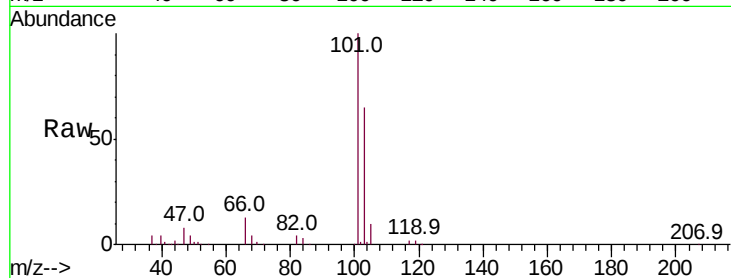
VD0918SBS01

Tot Ion:101 Resp: 173352

Ion Ratio Lower Upper

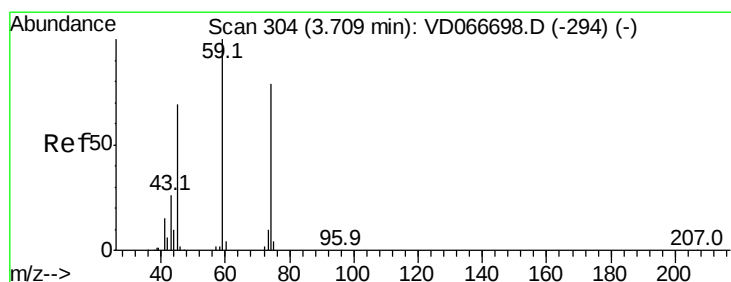
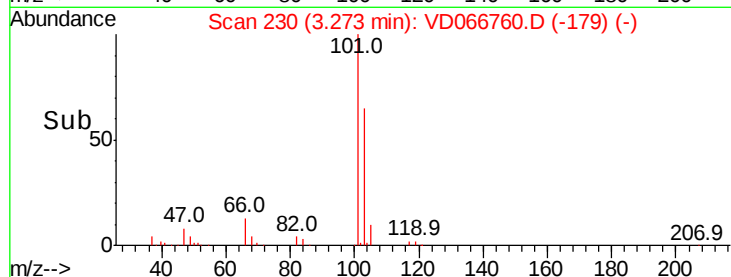
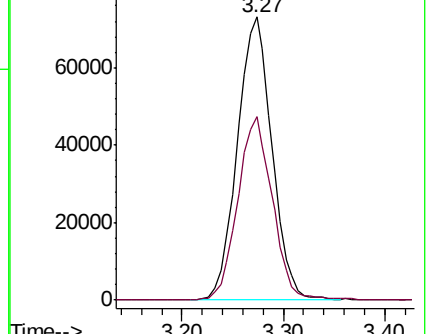
101 100

103 64.4 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.295 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD066760.D

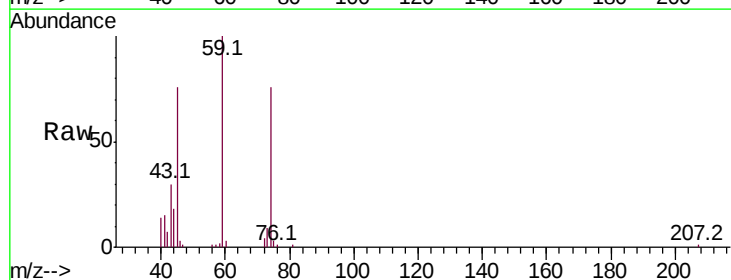
Acq: 18 Sep 2020 12:28

Tgt Ion: 74 Resp: 43464

Ion Ratio Lower Upper

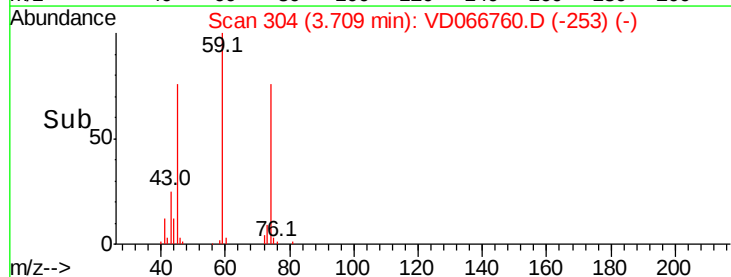
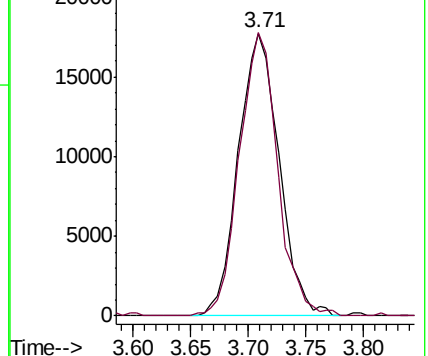
74 100

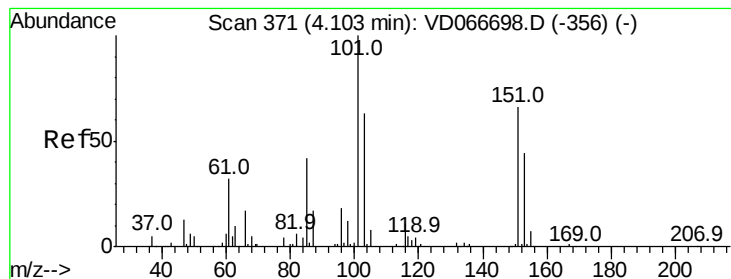
45 94.4 48.0 144.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.170 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

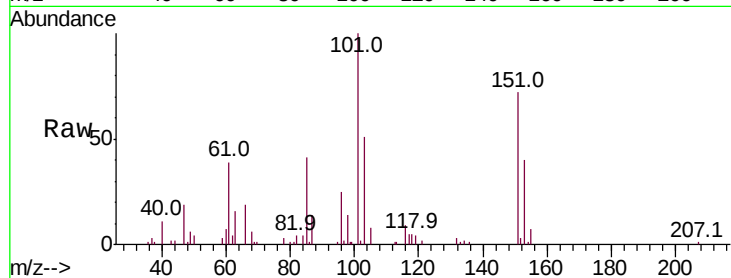
Tot Ion:101 Resp: 94832

Ion Ratio Lower Upper

101 100

85 46.9 36.3 54.5

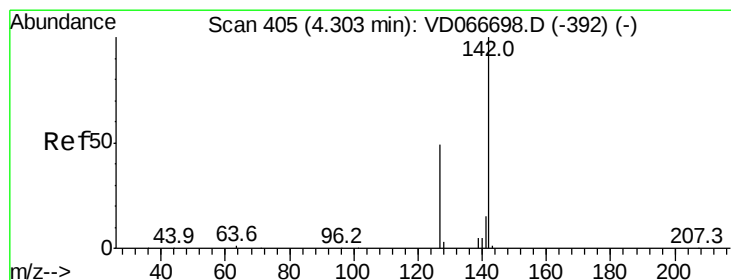
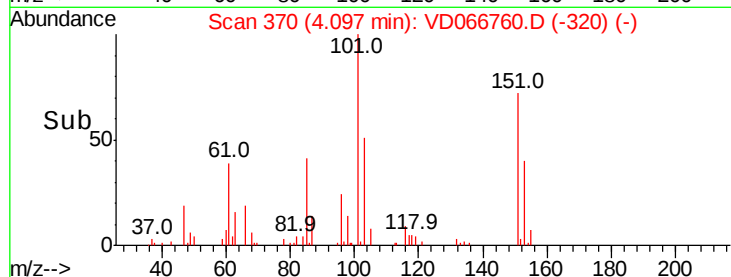
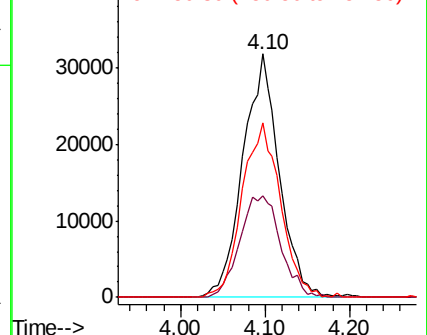
151 75.5 58.0 87.0



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: 18.567 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

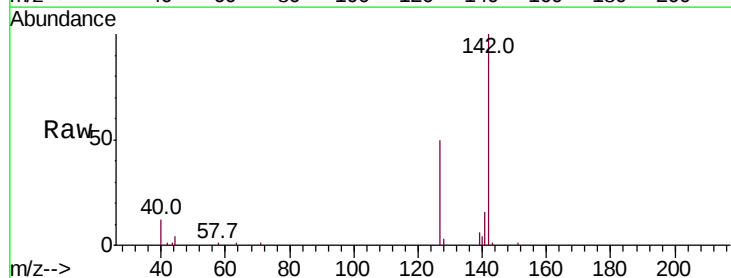
Tgt Ion:142 Resp: 78911

Ion Ratio Lower Upper

142 100

127 48.4 39.0 58.4

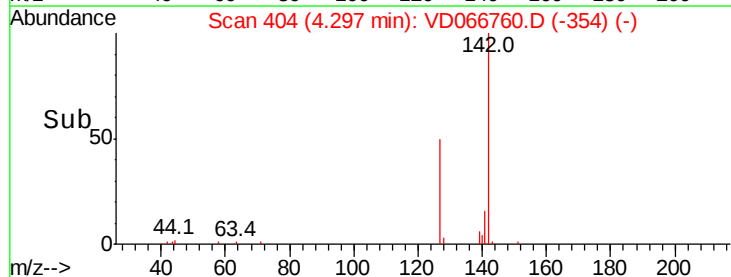
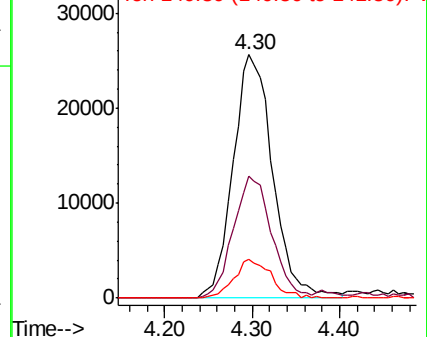
141 14.9 11.7 17.5

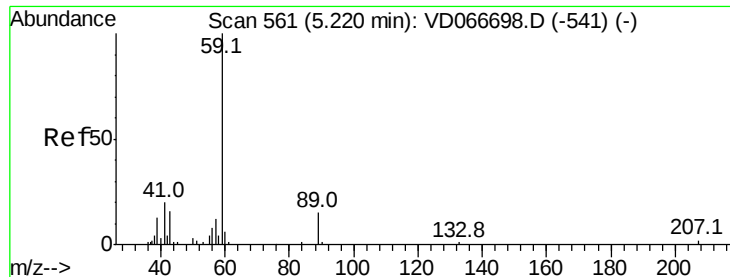


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 106.137 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

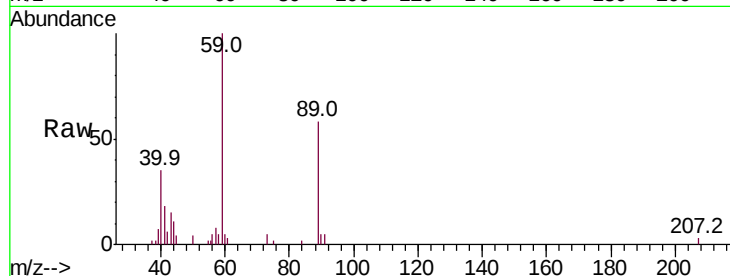
VD0918SBS01

Tot Ion: 59 Resp: 41800

Ion Ratio Lower Upper

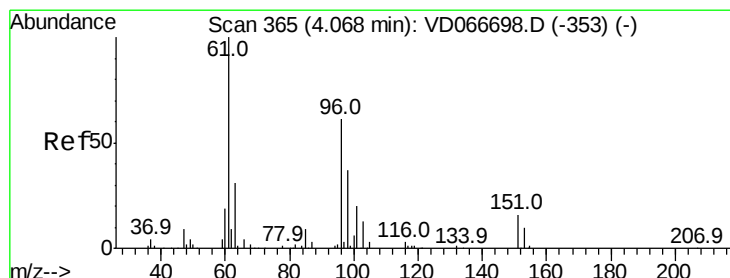
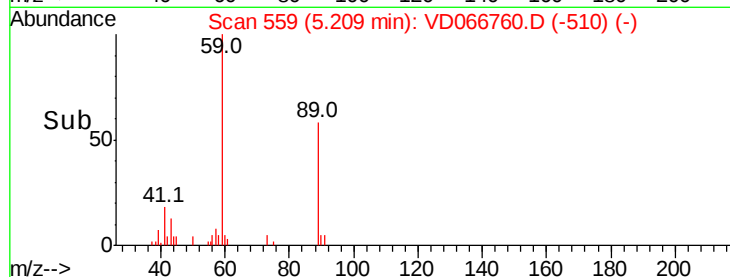
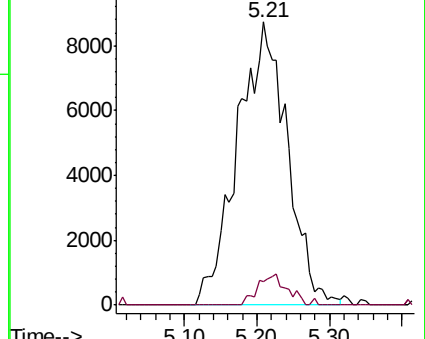
59 100

57 6.3 6.7 10.1#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.795 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

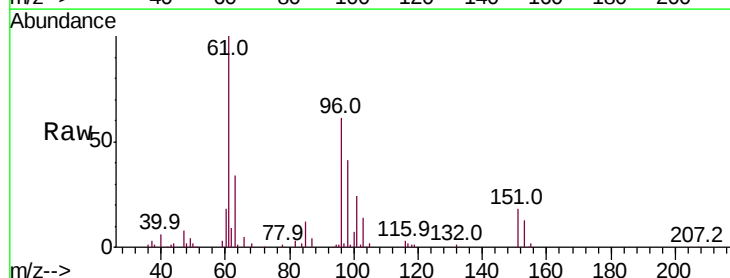
Tgt Ion: 96 Resp: 86219

Ion Ratio Lower Upper

96 100

61 162.7 131.9 197.9

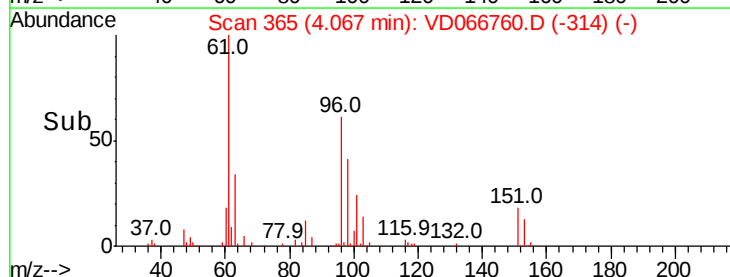
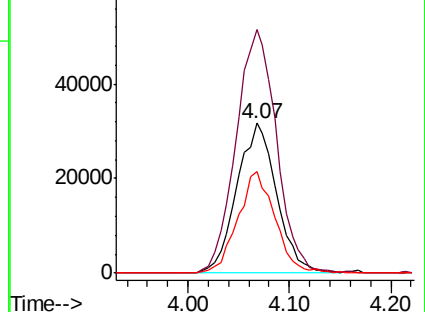
98 67.5 49.1 73.7

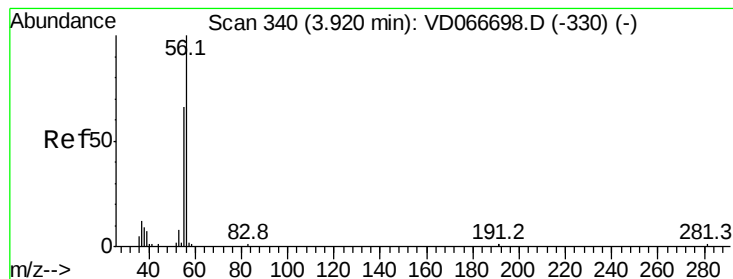


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 87.833 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

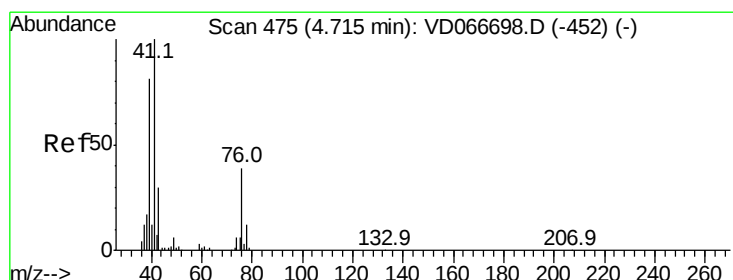
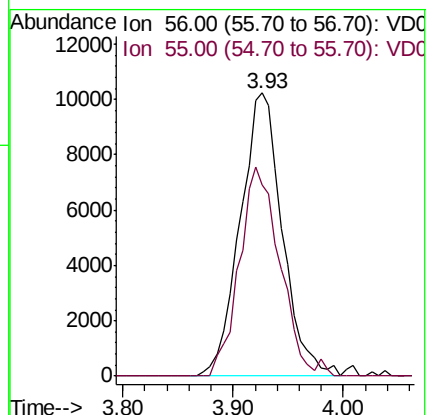
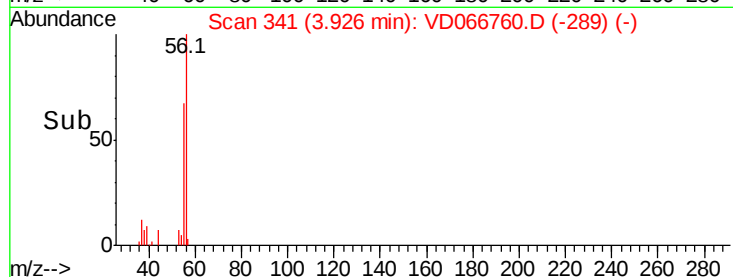
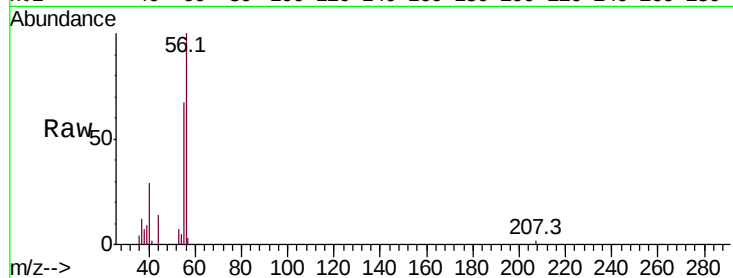
VD0918SBS01

Tot Ion: 56 Resp: 27386

Ion Ratio Lower Upper

56 100

55 70.3 54.7 82.1



#14

Allyl chloride

Concen: 20.112 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

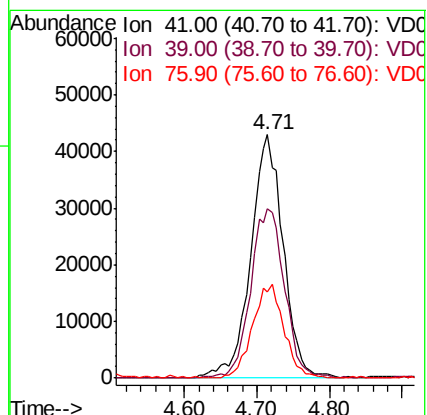
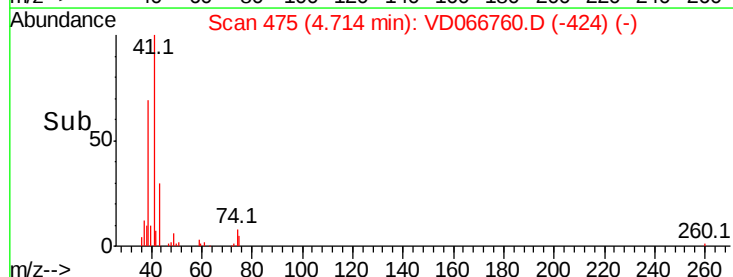
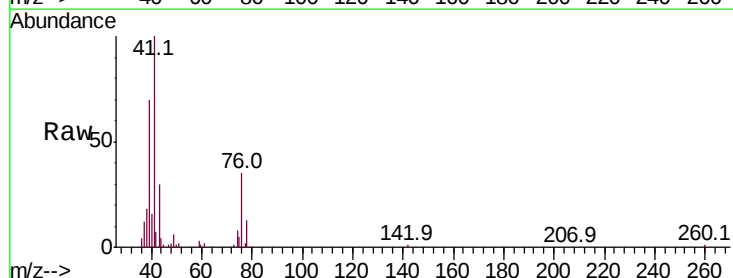
Tgt Ion: 41 Resp: 133911

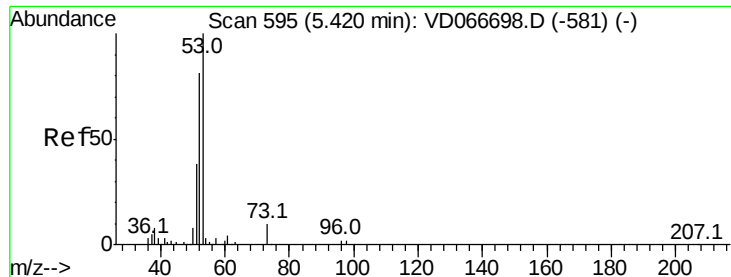
Ion Ratio Lower Upper

41 100

39 72.7 60.6 90.8

76 37.4 29.2 43.8





#15

Acrylonitrile

Concen: 102.371 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

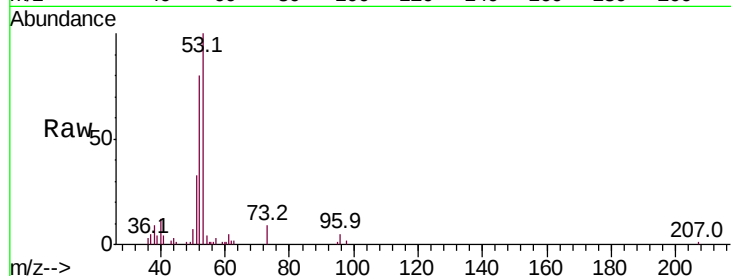
Tot Ion: 53 Resp: 91531

Ion Ratio Lower Upper

53 100

52 81.7 66.6 99.8

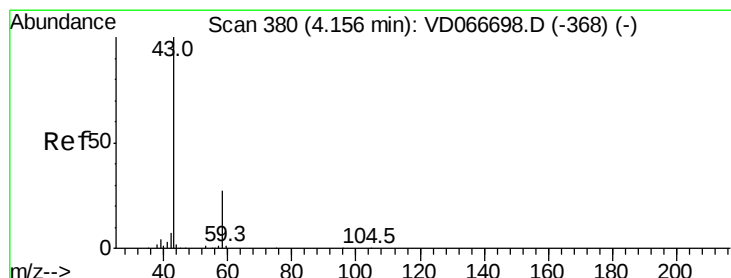
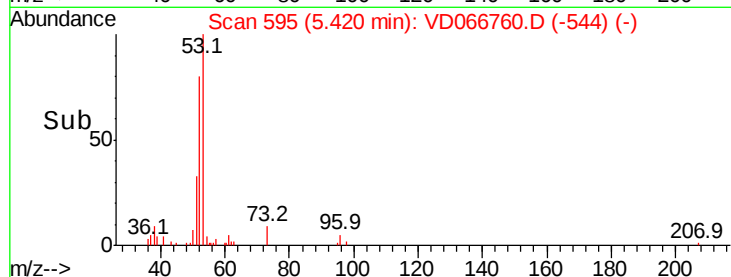
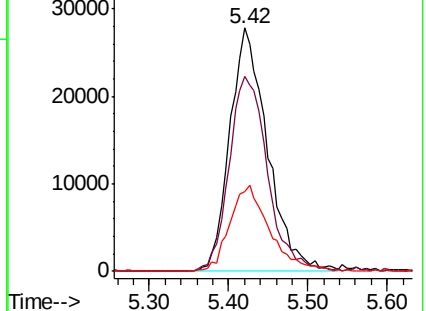
51 37.4 31.0 46.6



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: 102.575 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066760.D

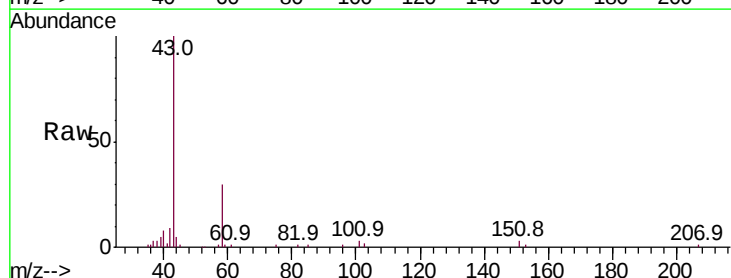
Acq: 18 Sep 2020 12:28

Tgt Ion: 43 Resp: 92345

Ion Ratio Lower Upper

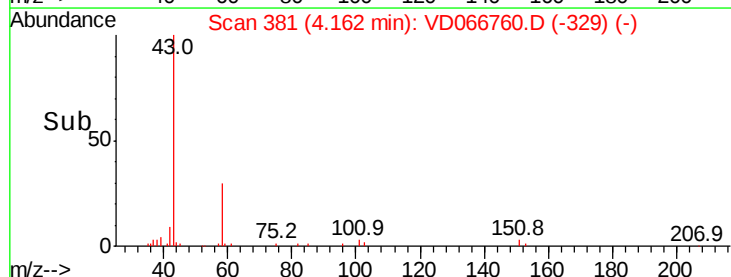
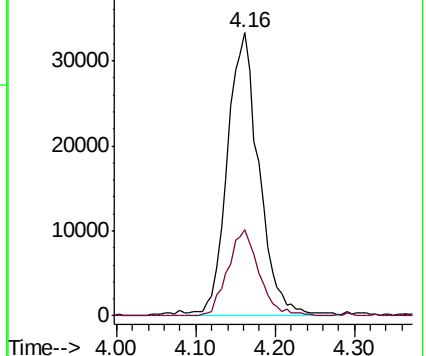
43 100

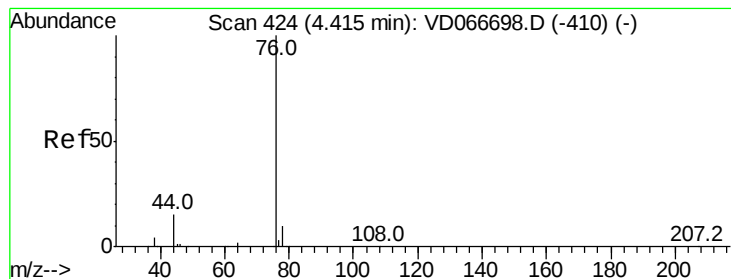
58 30.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 21.127 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

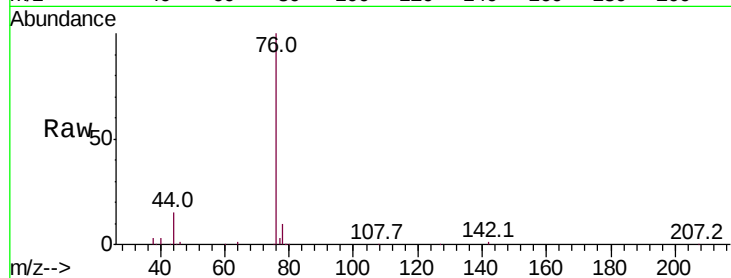
VD0918SBSD01

Tot Ion: 76 Resp: 275246

Ion Ratio Lower Upper

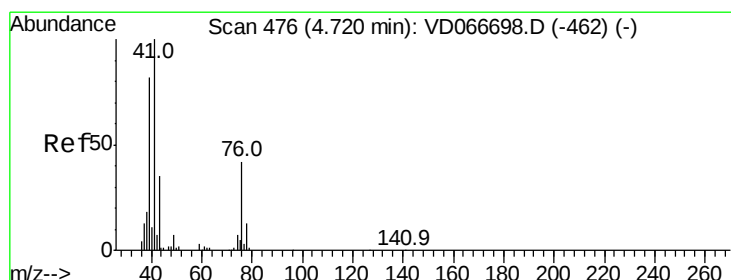
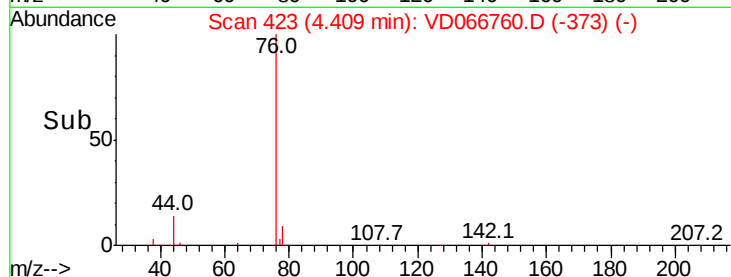
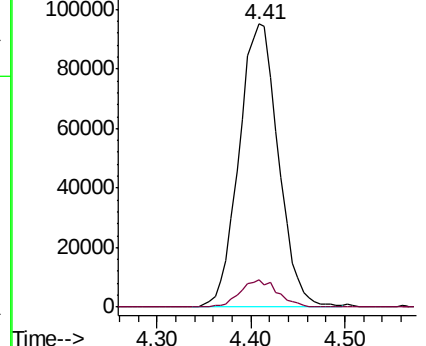
76 100

78 9.8 8.0 12.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 19.333 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD066760.D

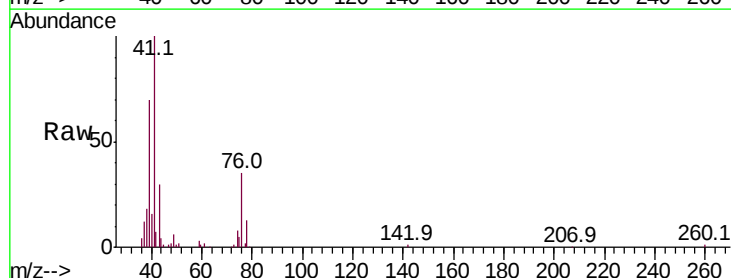
Acq: 18 Sep 2020 12:28

Tgt Ion: 43 Resp: 41399

Ion Ratio Lower Upper

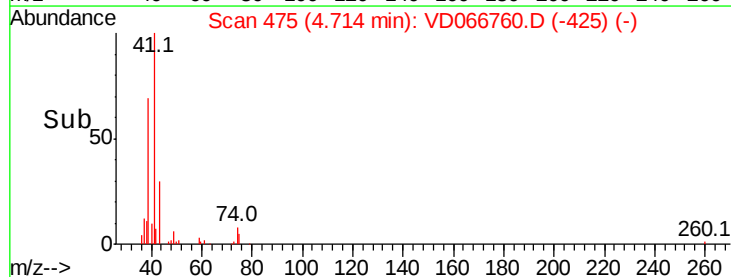
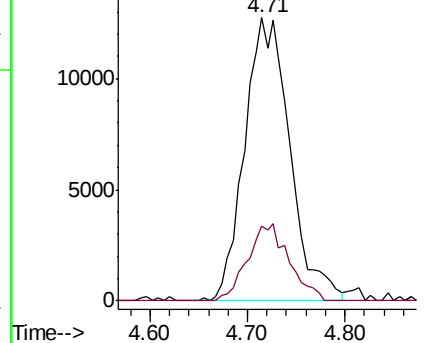
43 100

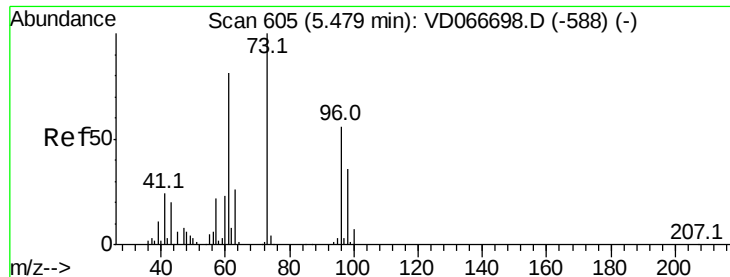
74 25.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

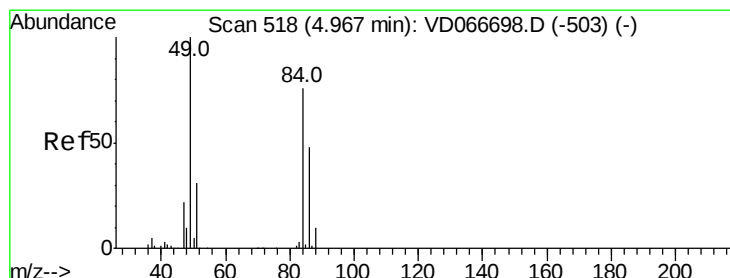
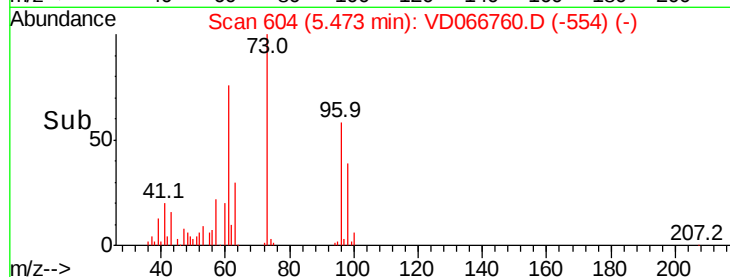
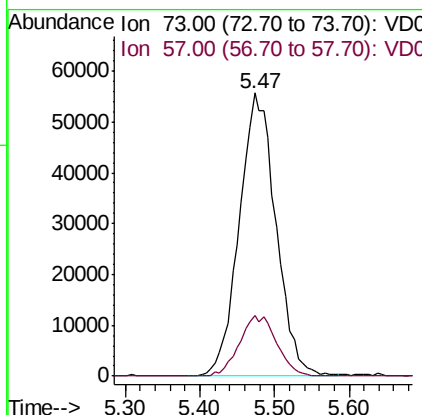
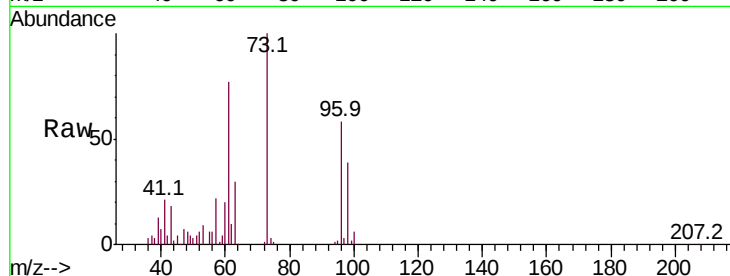




#19
Methvl tert-butvl Ether
Concen: 20.568 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

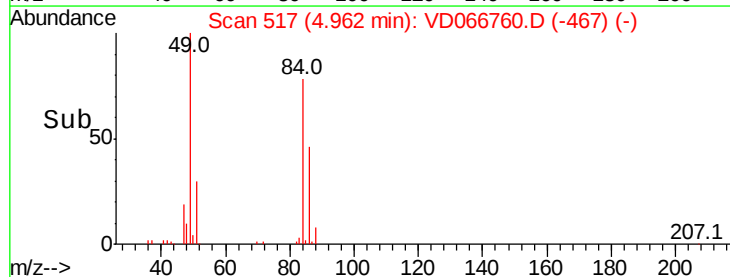
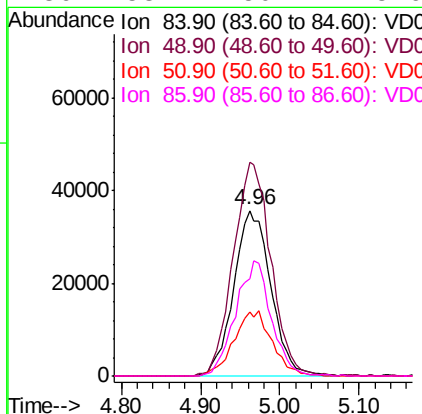
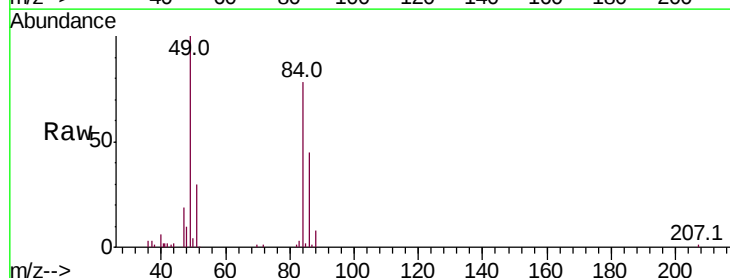
Instrument :
MSVOA_D
ClientSampleId :
VD0918SBSD01

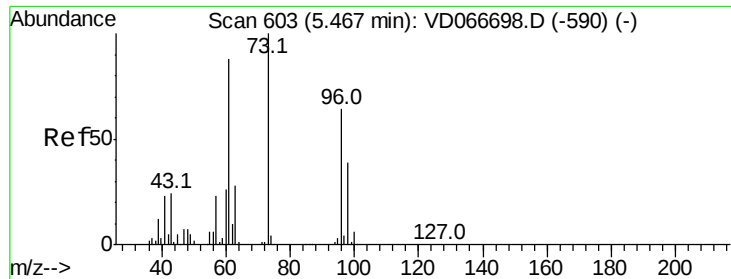
Tot Ion: 73 Resp: 189947
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.6



#20
Methylene Chloride
Concen: 19.420 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

Tgt Ion: 84 Resp: 115772
Ion Ratio Lower Upper
84 100
49 128.9 105.0 157.6
51 38.6 32.2 48.4
86 58.4 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 21.055 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

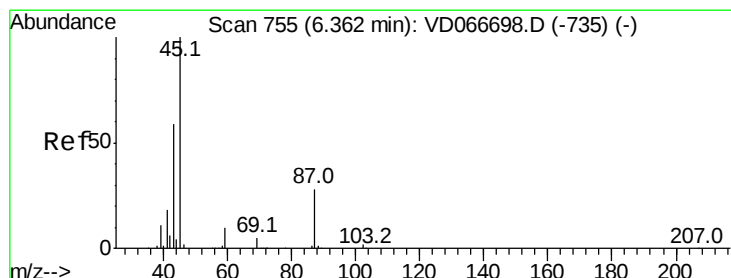
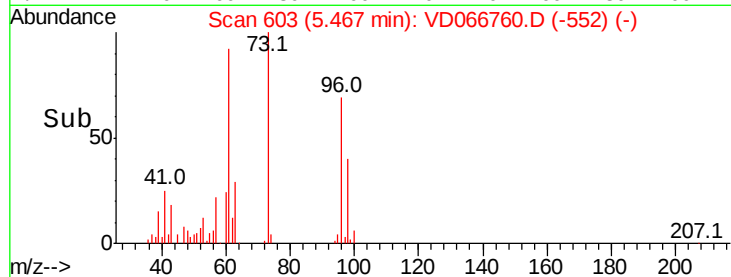
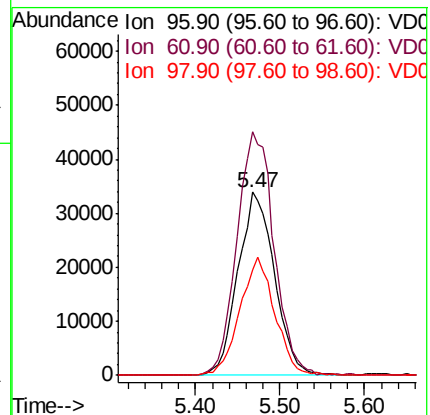
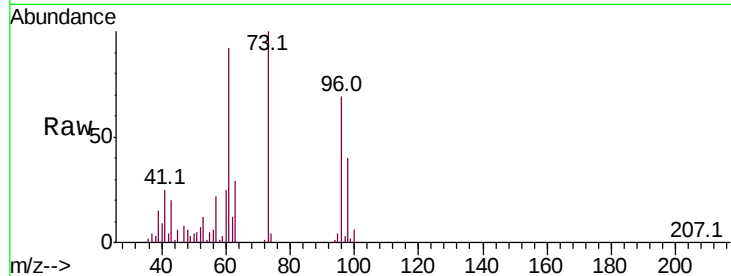
Tot Ion: 96 Resp: 101705

Ion Ratio Lower Upper

96 100

61 133.1 110.6 166.0

98 57.7 49.2 73.8



#22

Diisopropyl ether

Concen: 20.799 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Tgt Ion: 45 Resp: 281401

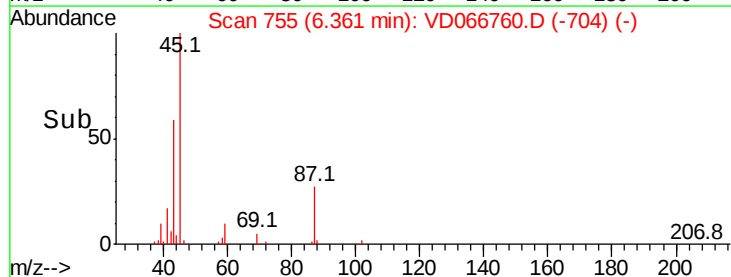
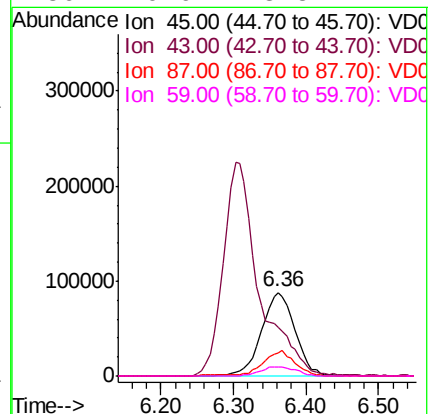
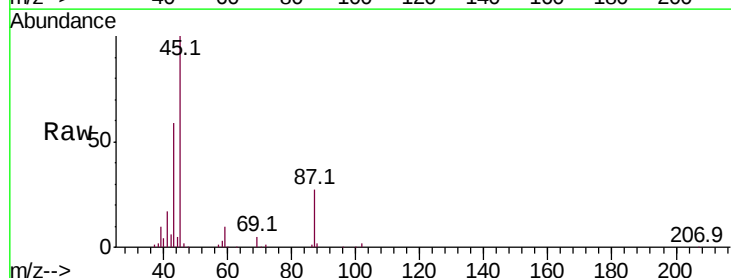
Ion Ratio Lower Upper

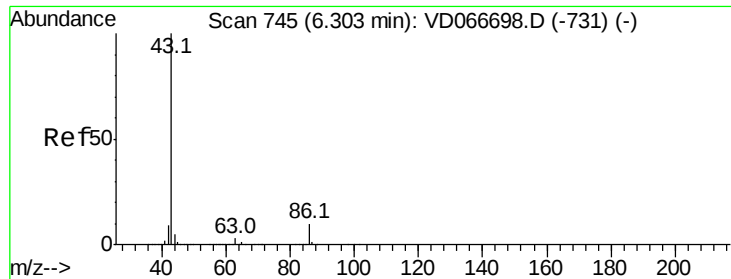
45 100

43 57.8 46.9 70.3

87 26.9 22.4 33.6

59 9.9 8.5 12.7





#23

Vinyl Acetate

Concen: 102.878 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

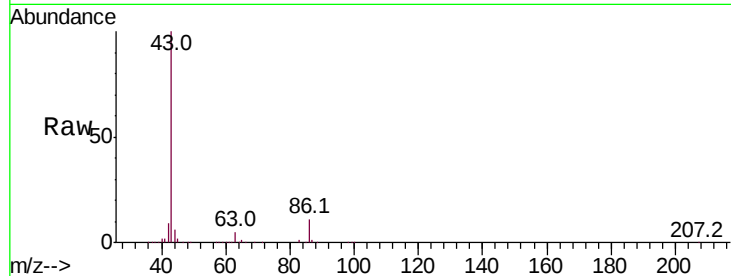
VD0918SBS01

Tot Ion: 43 Resp: 774229

Ion Ratio Lower Upper

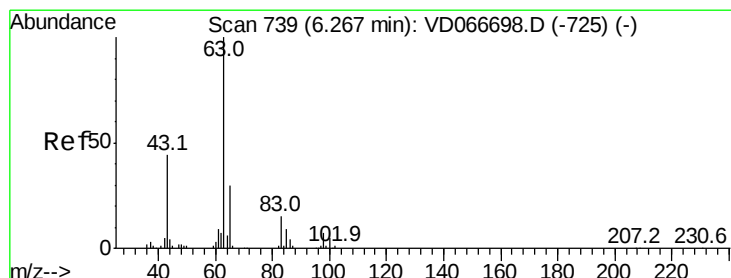
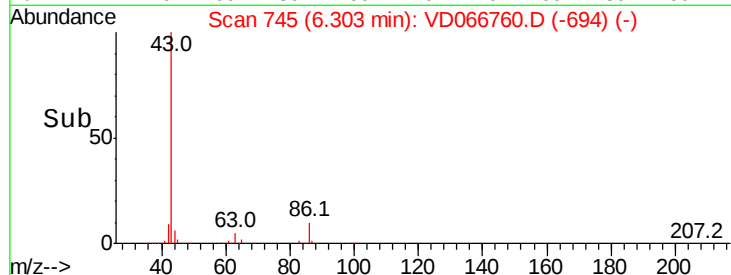
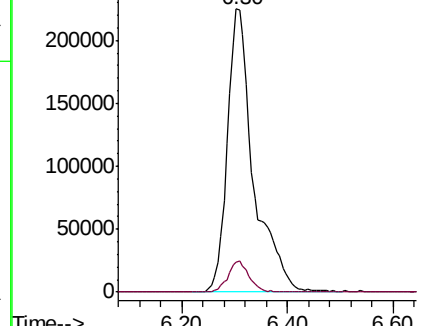
43 100

86 10.5 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.455 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

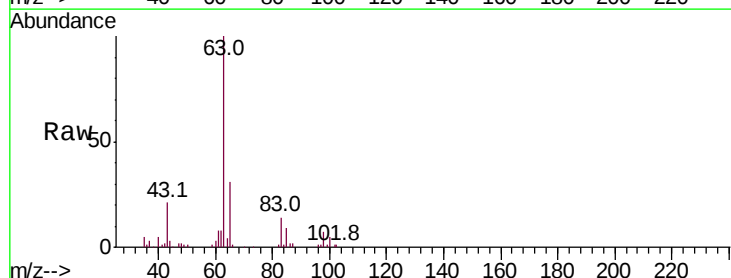
Tgt Ion: 63 Resp: 175609

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

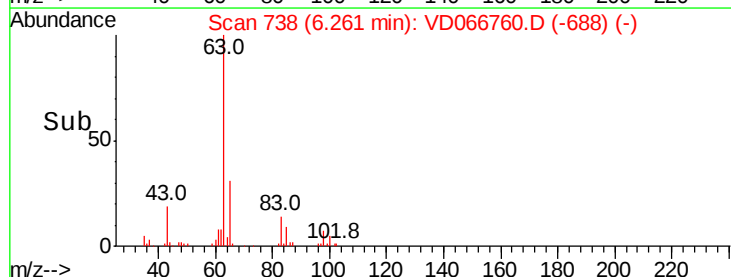
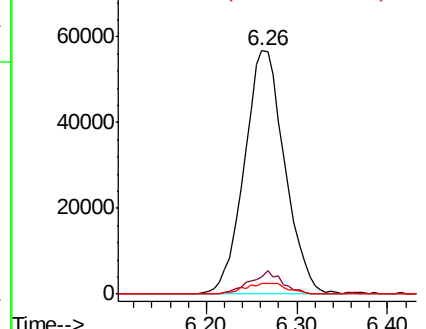
100 4.6 2.6 8.0

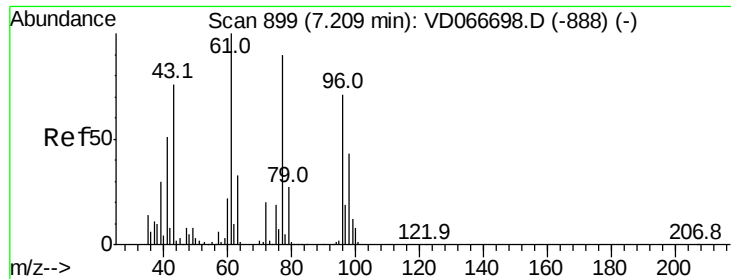


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 101.242 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

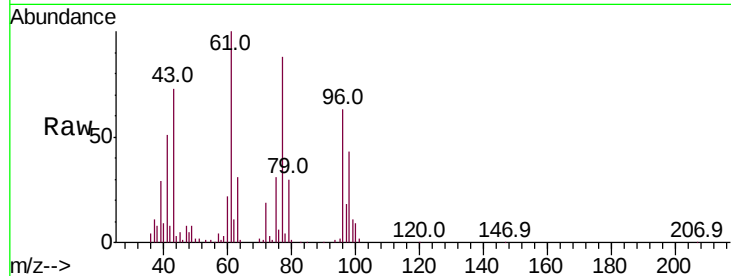
VD0918SBS01

Tot Ion: 43 Resp: 118684

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

50000

40000

30000

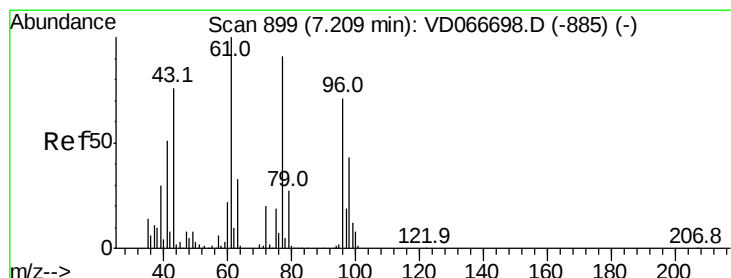
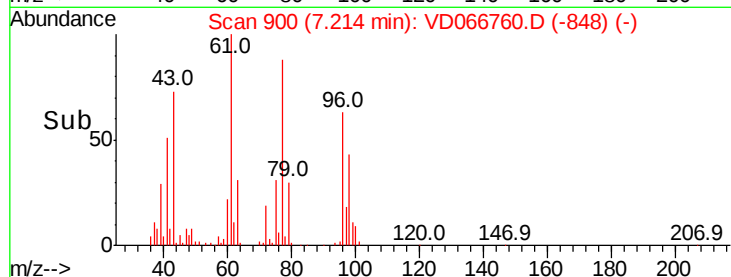
20000

10000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#26

2,2-Dichloropropane

Concen: 19.850 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066760.D

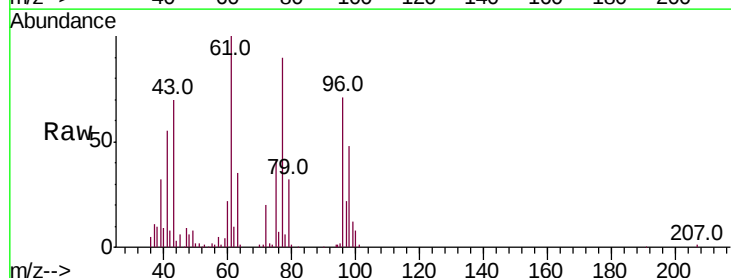
Acq: 18 Sep 2020 12:28

Tgt Ion: 77 Resp: 157593

Ion Ratio Lower Upper

77 100

97 22.3 10.6 31.8



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

60000

50000

40000

30000

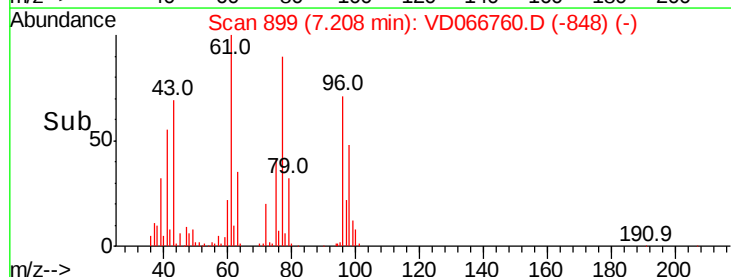
20000

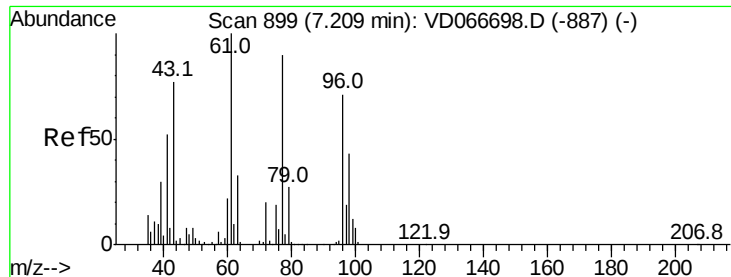
10000

0

7.10 7.20 7.30

Time-->



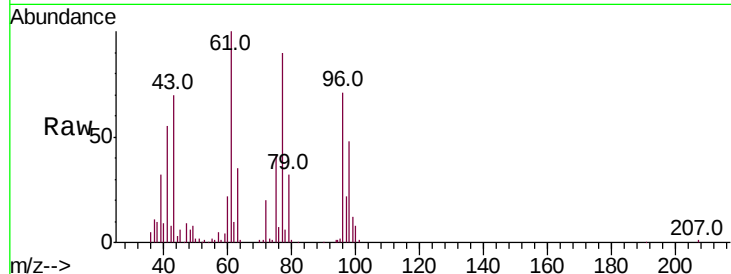


#27

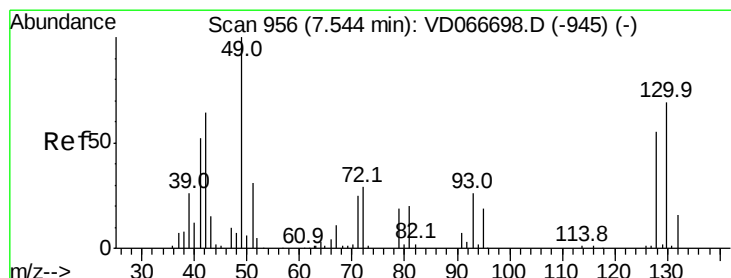
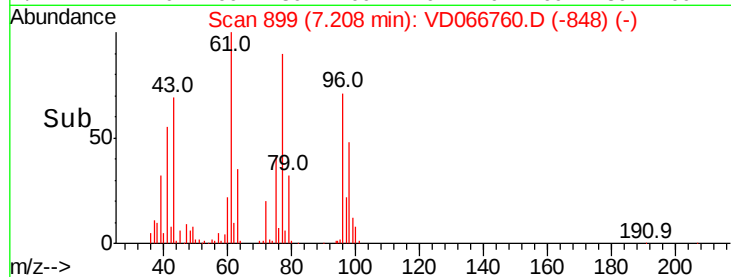
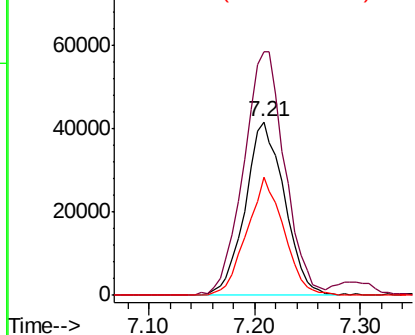
cis-1,2-Dichloroethene
 Concen: 20.332 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBSD01

Tot Ion: 96 Resp: 107447
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 292.4
 98 64.5 0.0 127.0



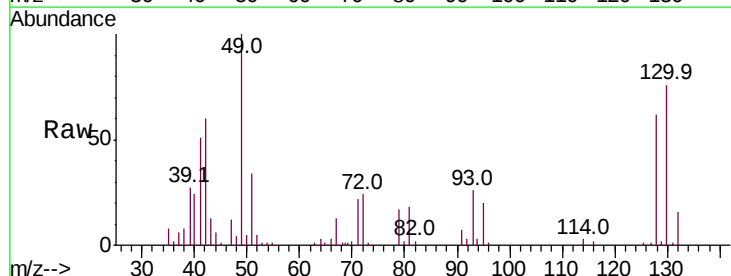
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



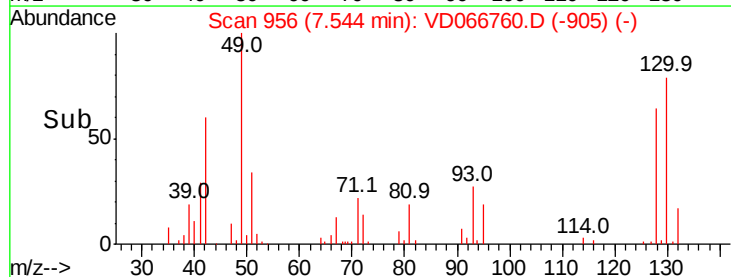
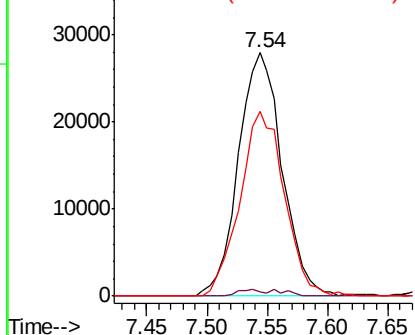
#28

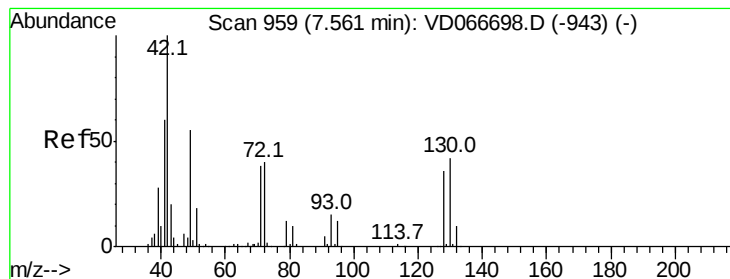
Bromochloromethane
 Concen: 21.981 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

Tgt Ion: 49 Resp: 70489
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 77.5 58.6 88.0



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





#29

Tetrahydrofuran

Concen: 98.654 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

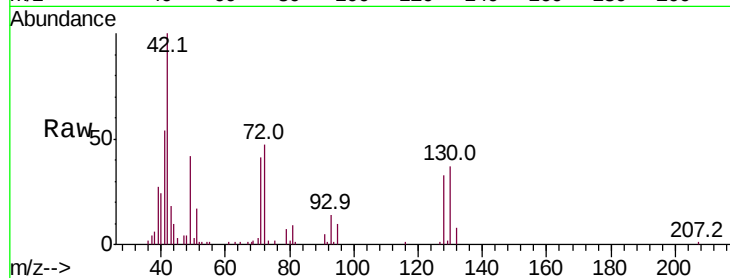
Tot Ion: 42 Resp: 70759

Ion Ratio Lower Upper

42 100

72 44.2 32.6 48.8

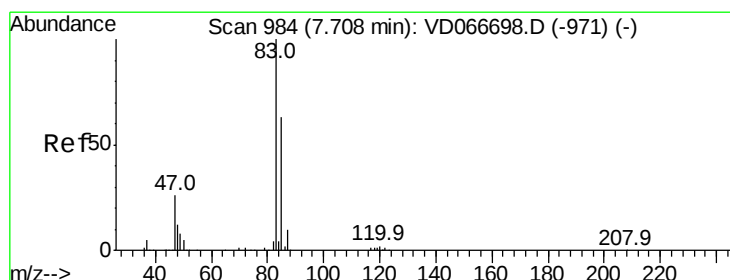
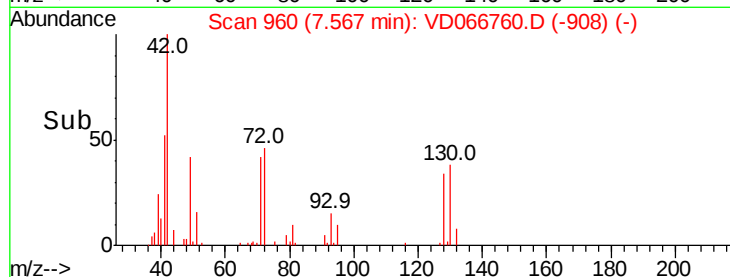
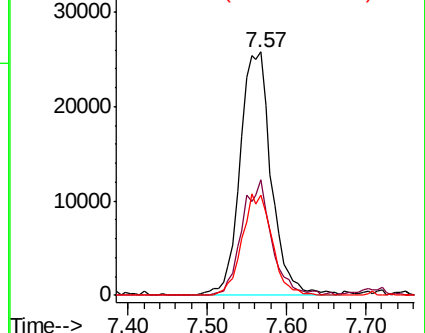
71 39.7 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 20.190 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066760.D

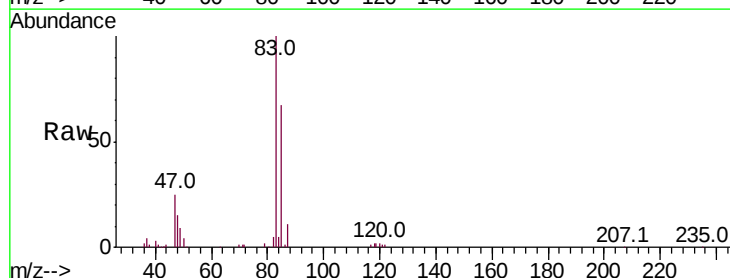
Acq: 18 Sep 2020 12:28

Tgt Ion: 83 Resp: 184480

Ion Ratio Lower Upper

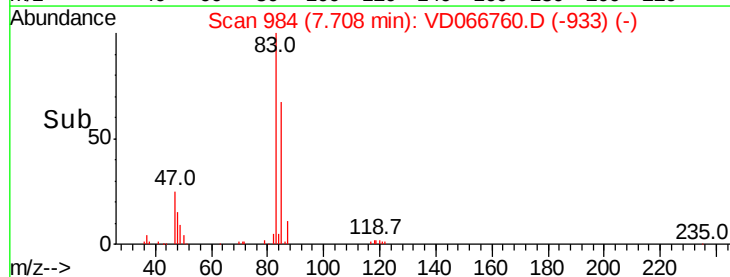
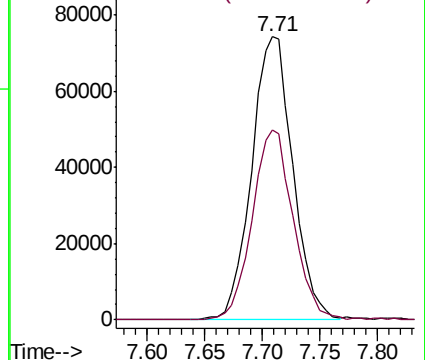
83 100

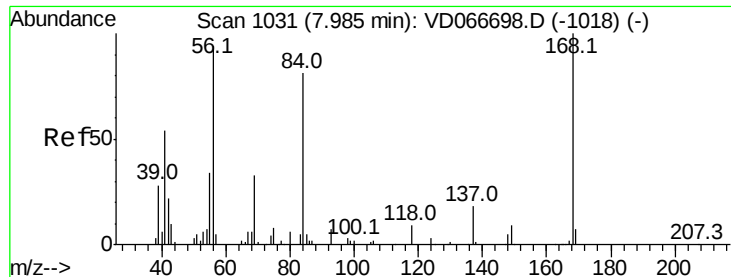
85 67.1 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 20.280 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

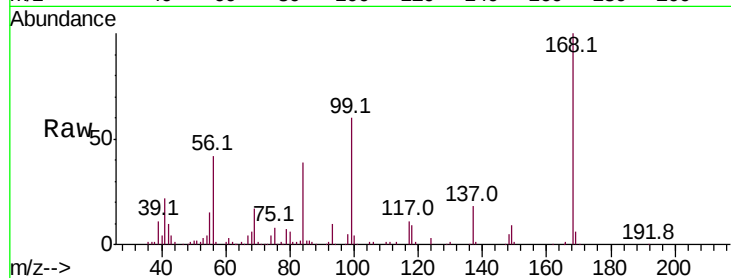
Tot Ion: 56 Resp: 158369

Ion Ratio Lower Upper

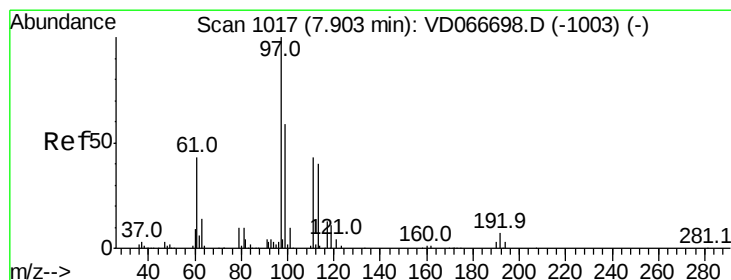
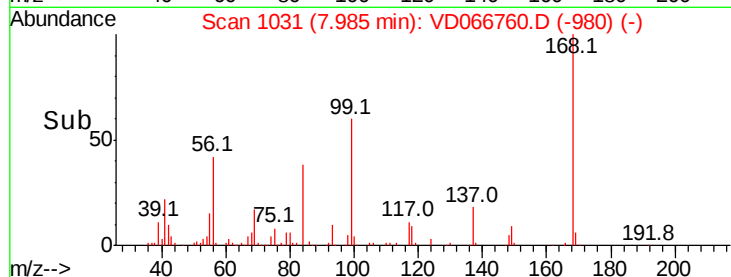
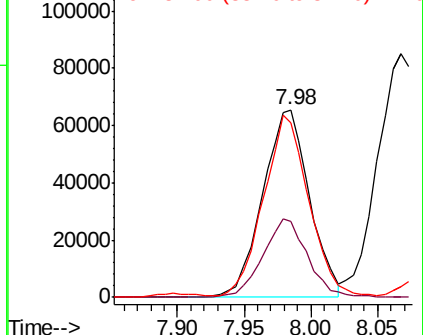
56 100

69 39.8 27.7 41.5

84 91.8 68.5 102.7



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: 20.852 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

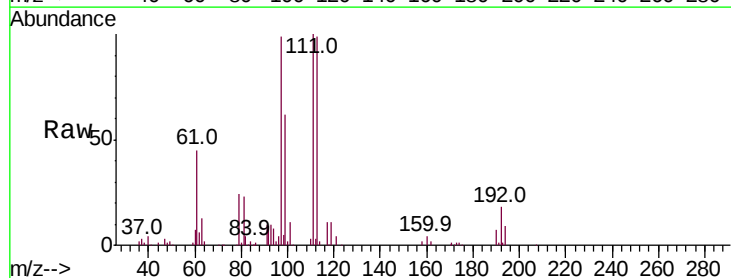
Tgt Ion: 97 Resp: 174351

Ion Ratio Lower Upper

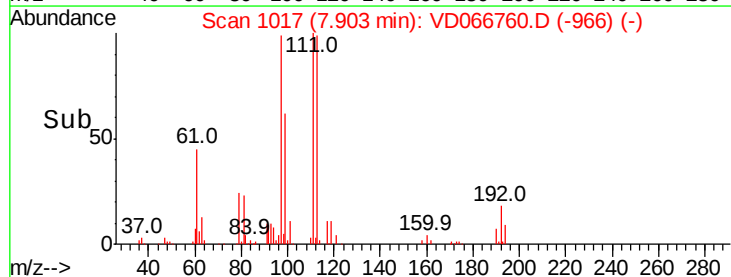
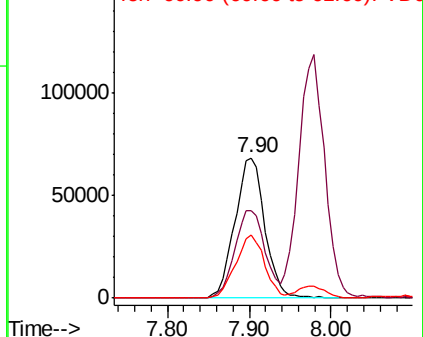
97 100

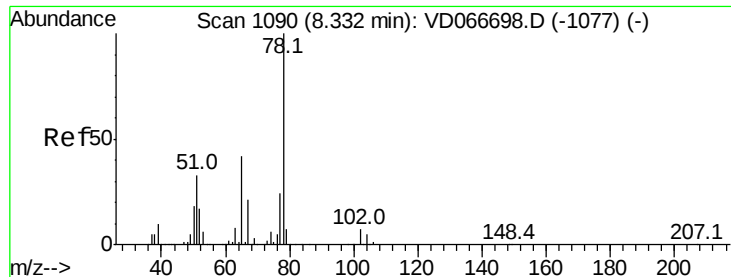
99 63.8 51.0 76.4

61 43.6 35.2 52.8



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: 49.536 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

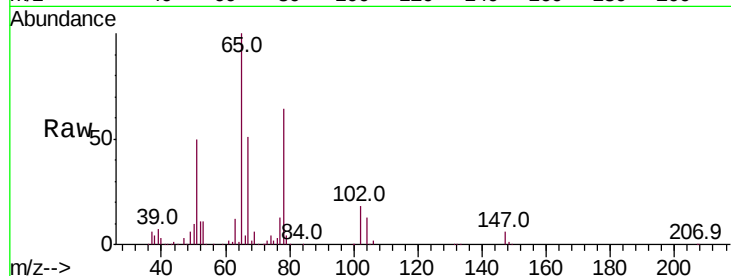
VD0918SBSD01

Tot Ion: 65 Resp: 218996

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

60000

40000

20000

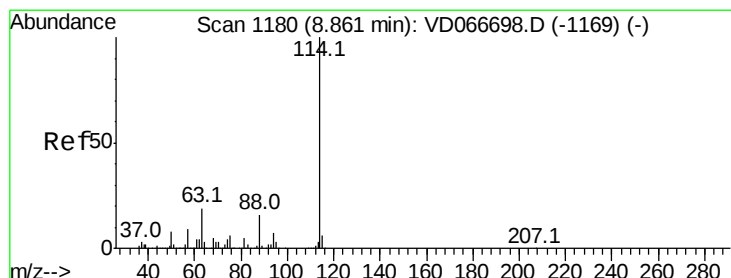
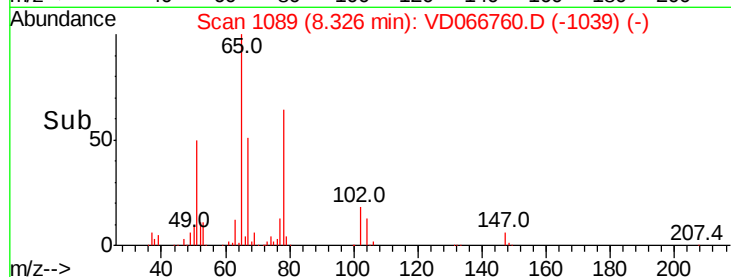
0

8.20

8.30

8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

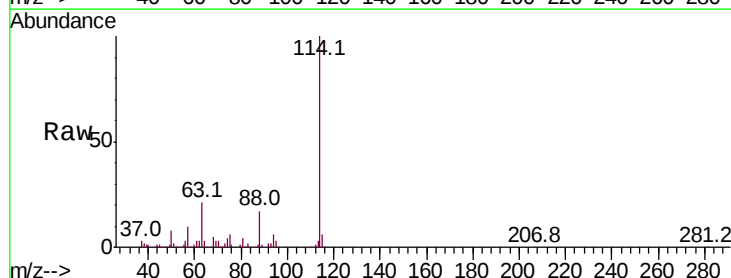
Tgt Ion: 114 Resp: 679561

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.6

88 16.5 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

400000

300000

200000

100000

0

8.75

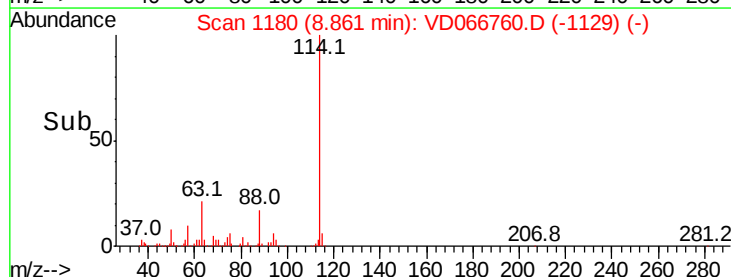
8.80

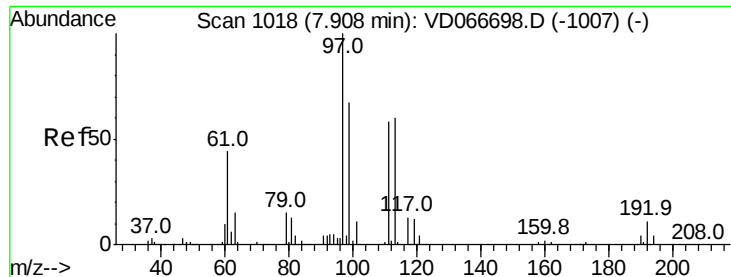
8.85

8.90

8.95

Time-->

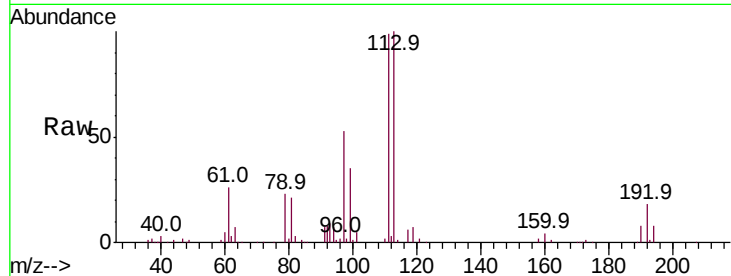




#35
 Dibromofluoromethane
 Concen: 50.855 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.2	124.8
192	18.2	14.8	22.2

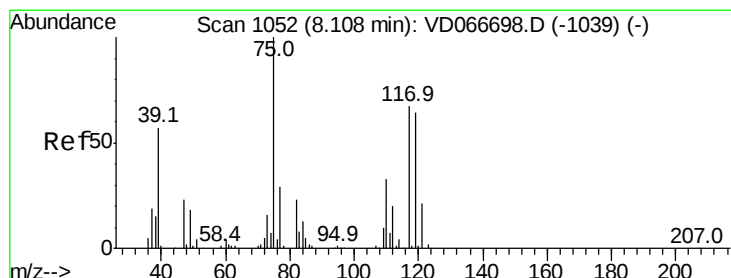
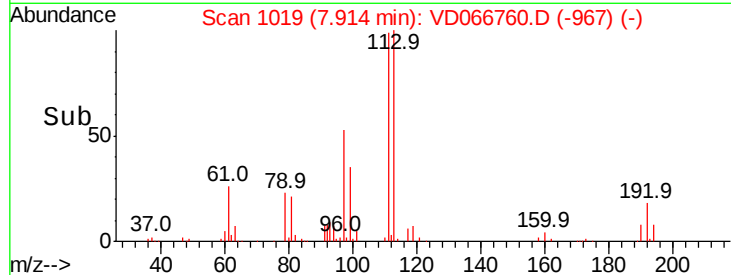
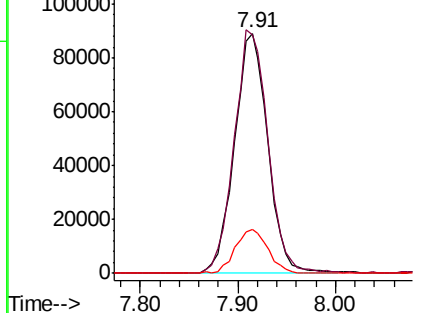


Abundance

Ion 112.80 (112.50 to 113.50): V

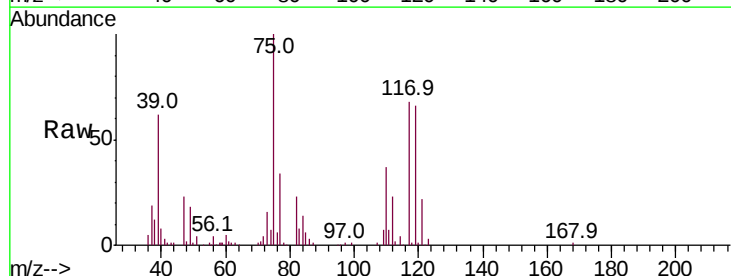
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 21.068 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.1	51.2
77	30.8	25.0	37.6

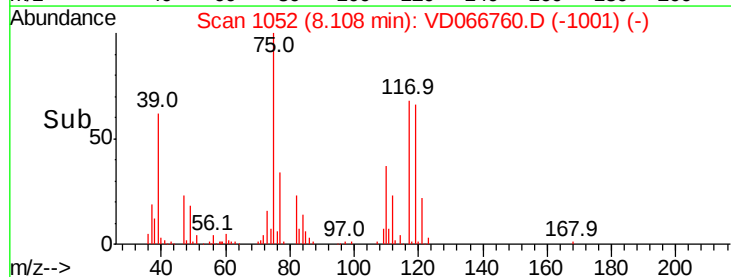
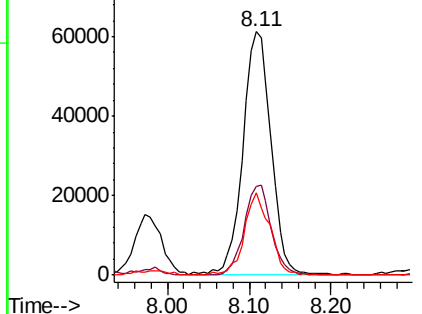


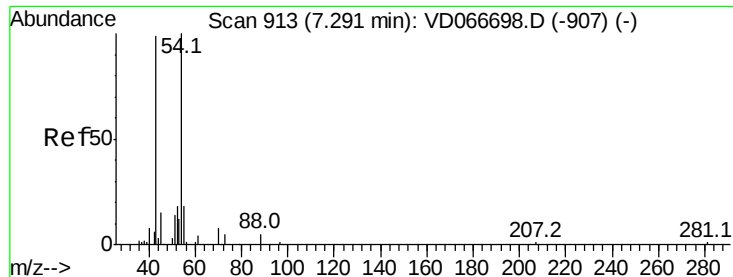
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

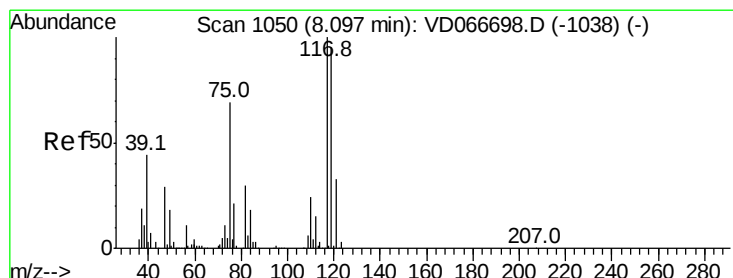
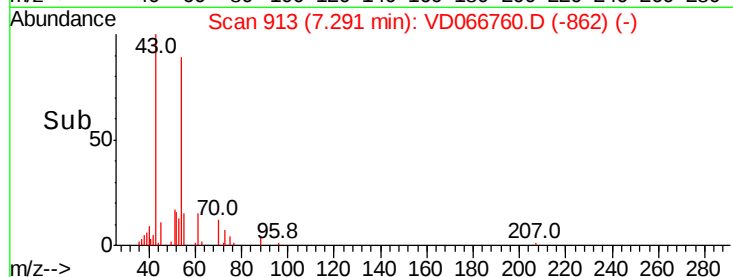
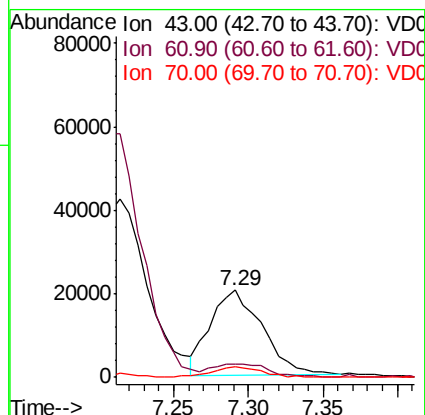
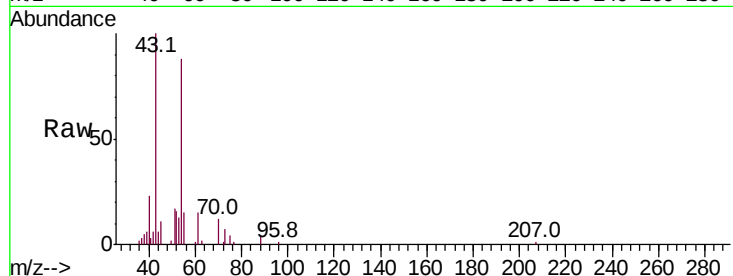




#37
Ethyl Acetate
Concen: 18.894 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

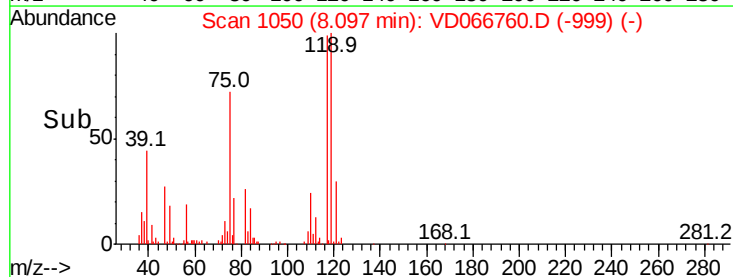
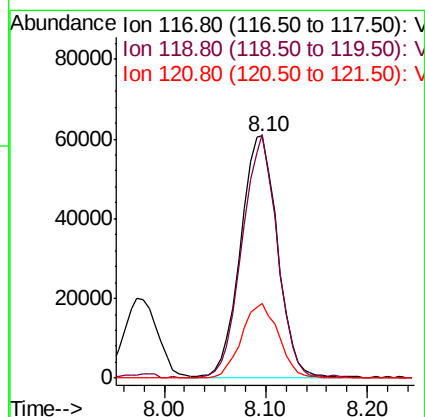
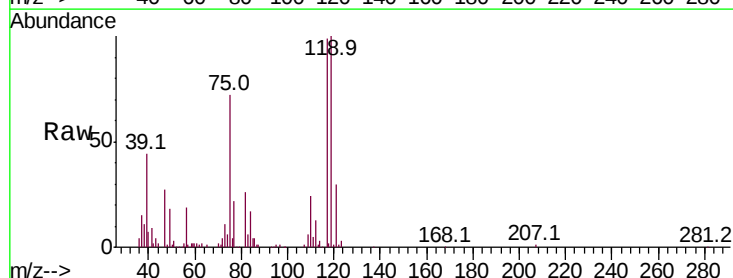
Instrument :
MSVOA_D
ClientSampleId :
VD0918SBS01

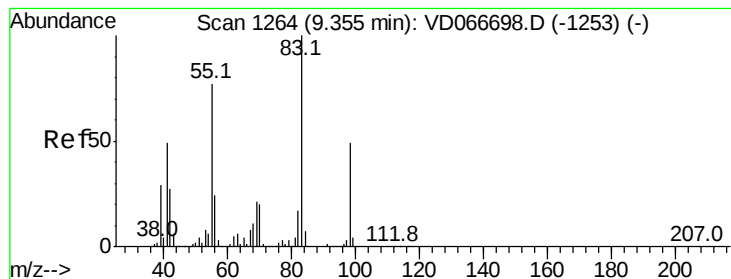
Tot Ion: 43 Resp: 49975
Ion Ratio Lower Upper
43 100
61 17.1 10.4 15.6#
70 11.8 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 20.591 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

Tgt Ion: 117 Resp: 152780
Ion Ratio Lower Upper
117 100
119 100.7 75.8 113.6
121 30.7 26.2 39.4





#39

Methvlcvclohexane

Concen: 20.692 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

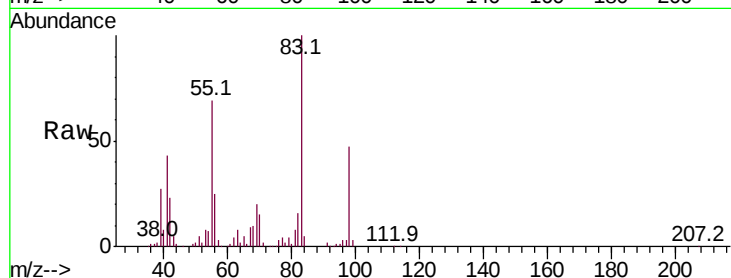
Tot Ion: 83 Resp: 165365

Ion Ratio Lower Upper

83 100

55 69.2 61.5 92.3

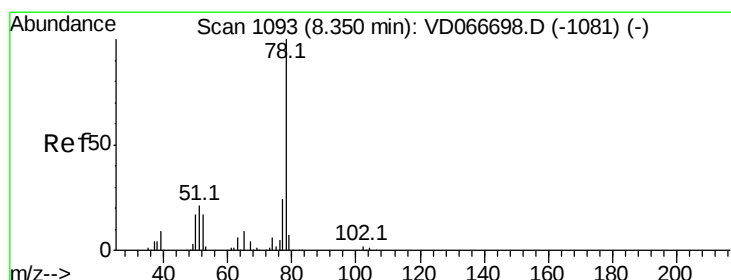
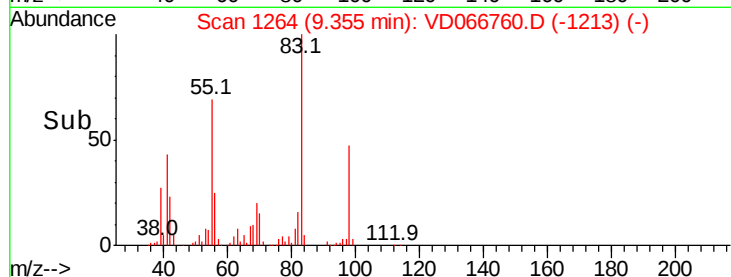
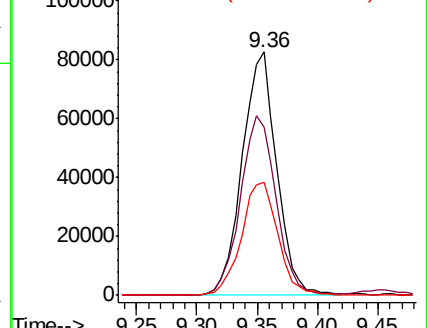
98 46.6 39.3 58.9



Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 20.942 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VD066760.D

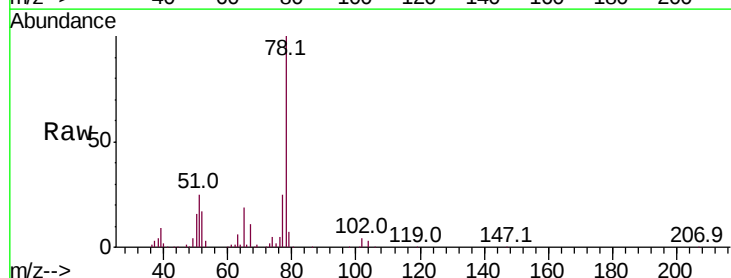
Acq: 18 Sep 2020 12:28

Tgt Ion: 78 Resp: 395847

Ion Ratio Lower Upper

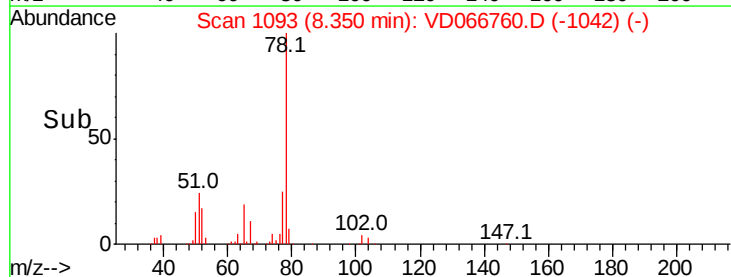
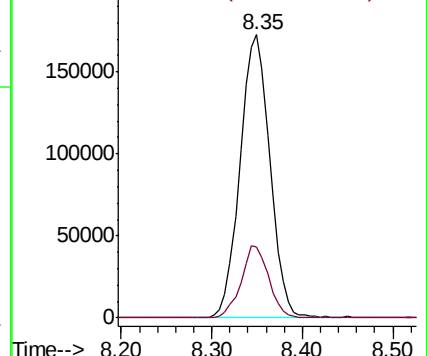
78 100

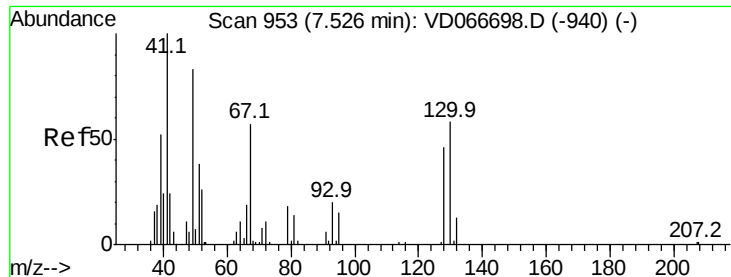
77 25.0 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC

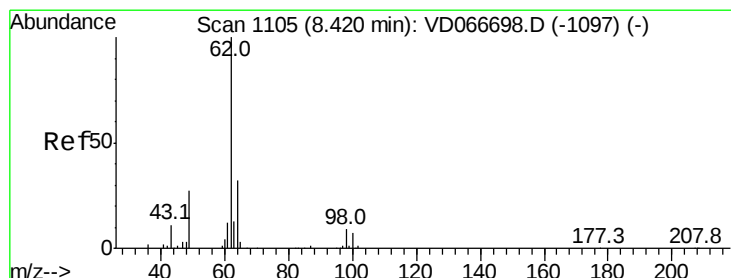
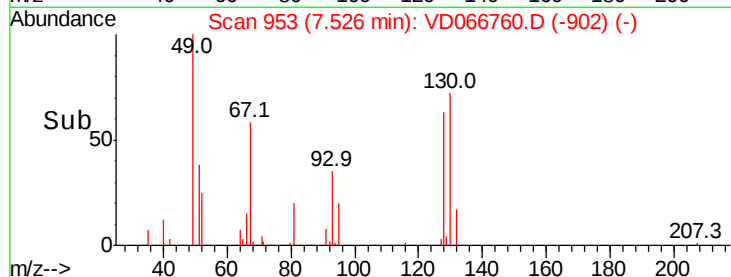
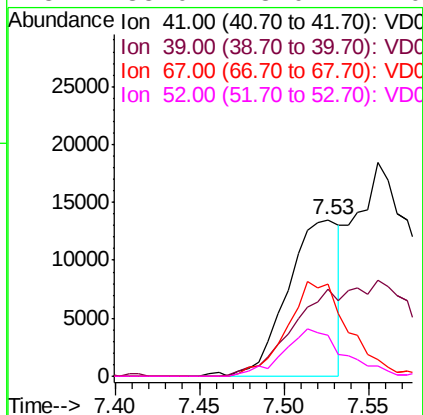
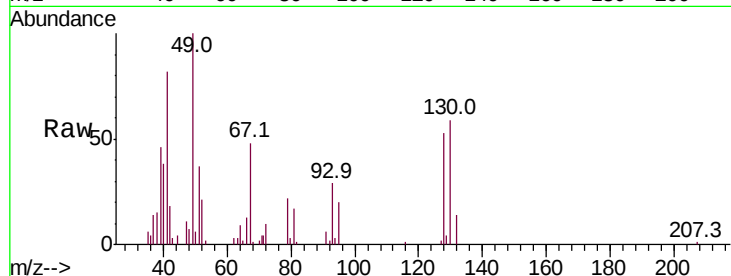




#41
Methacrylonitrile
Concen: 20.599 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

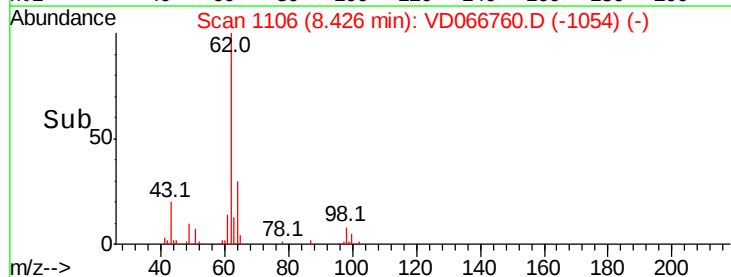
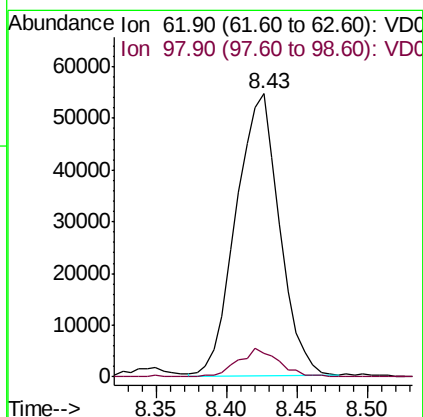
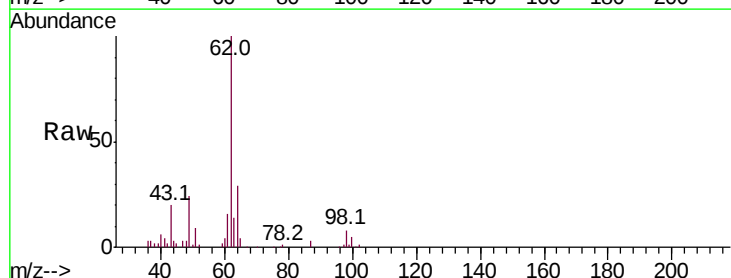
Instrument :
MSVOA_D
ClientSampleId :
VD0918SBS01

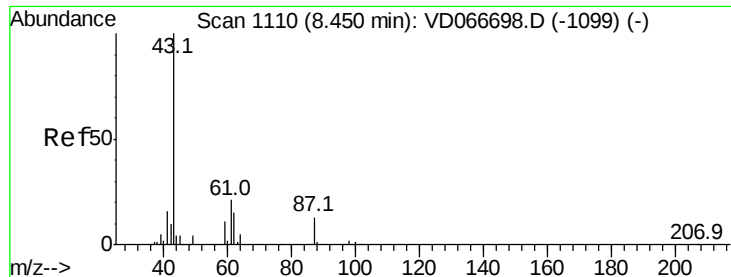
Tot Ion: 41 Resp: 28845
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
67 71.5 62.3 93.5
52 35.0 28.0 42.0



#42
1,2-Dichloroethane
Concen: 20.052 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

Tgt Ion: 62 Resp: 117424
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.6





#43

Isopropyl Acetate

Concen: 19.833 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

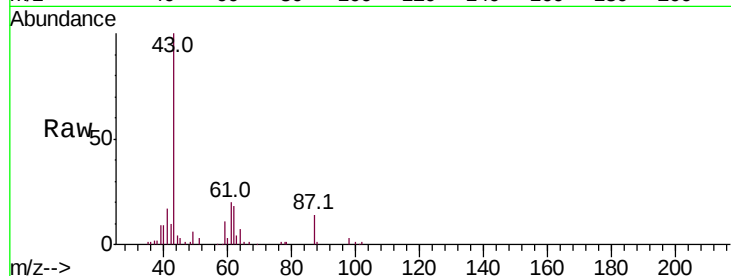
Tot Ion: 43 Resp: 98741

Ion Ratio Lower Upper

43 100

61 32.3 24.8 37.2

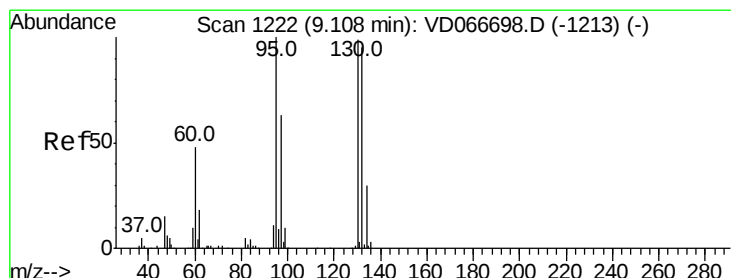
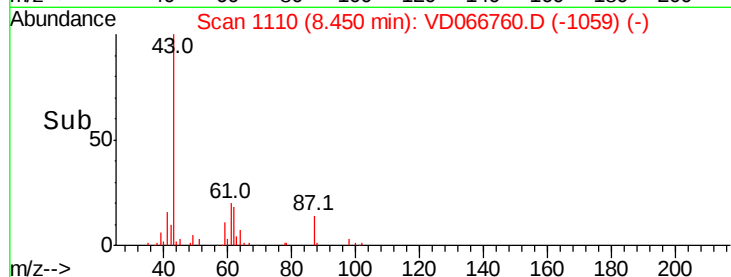
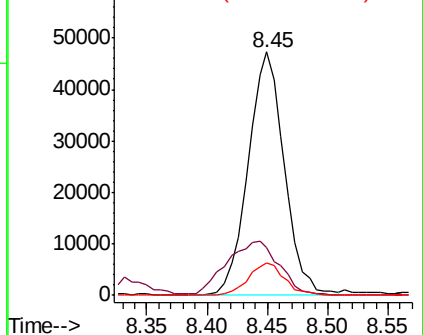
87 13.4 10.4 15.6



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: 20.699 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066760.D

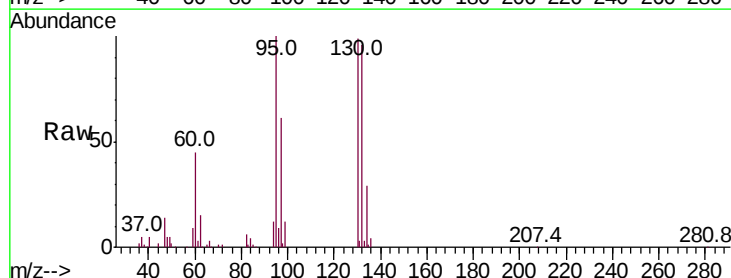
Acq: 18 Sep 2020 12:28

Tgt Ion:130 Resp: 104612

Ion Ratio Lower Upper

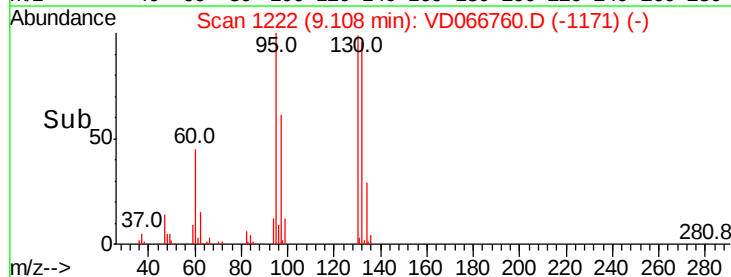
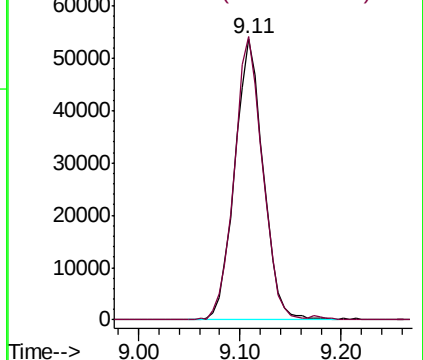
130 100

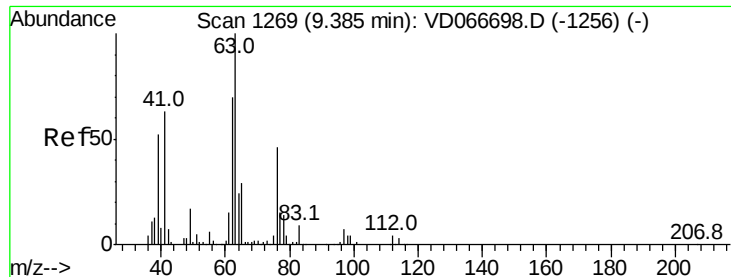
95 100.7 0.0 201.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.190 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

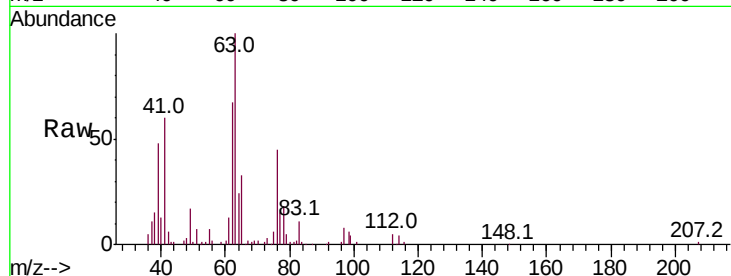
VD0918SBSD01

Tot Ion: 63 Resp: 99021

Ion Ratio Lower Upper

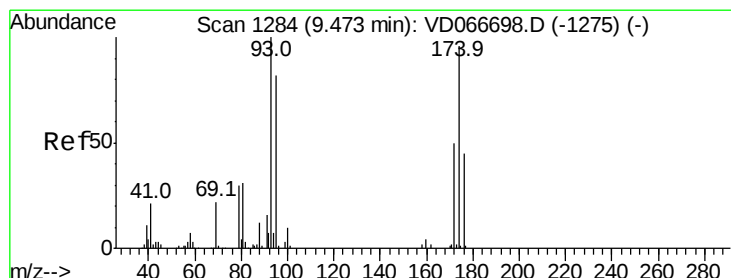
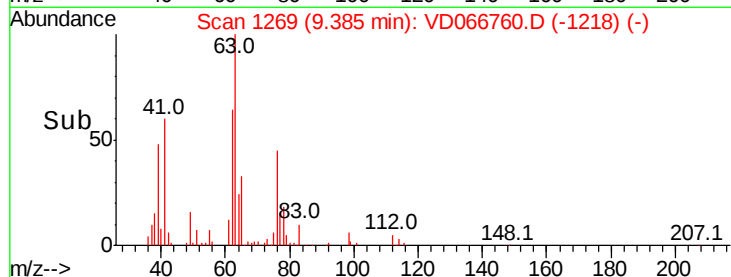
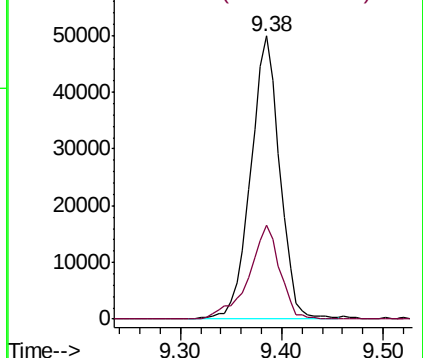
63 100

65 33.4 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.905 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

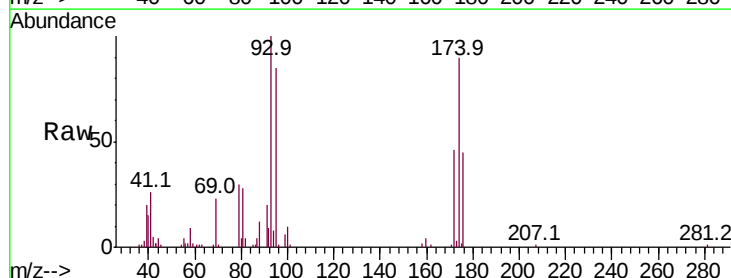
Tgt Ion: 93 Resp: 53680

Ion Ratio Lower Upper

93 100

95 80.5 66.0 99.0

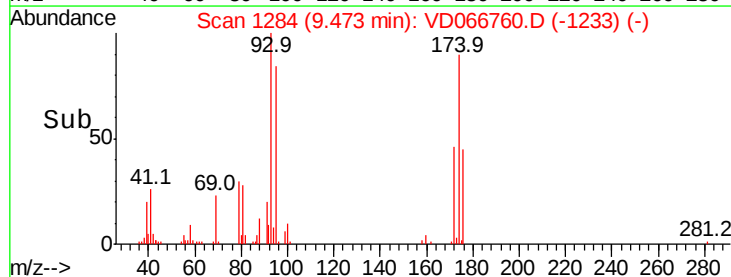
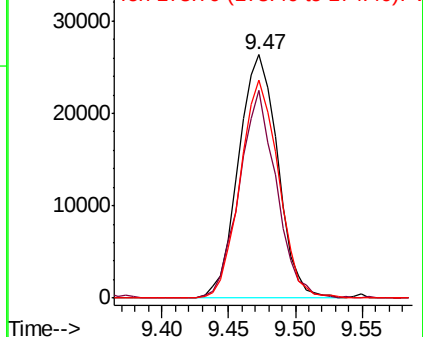
174 87.6 72.3 108.5

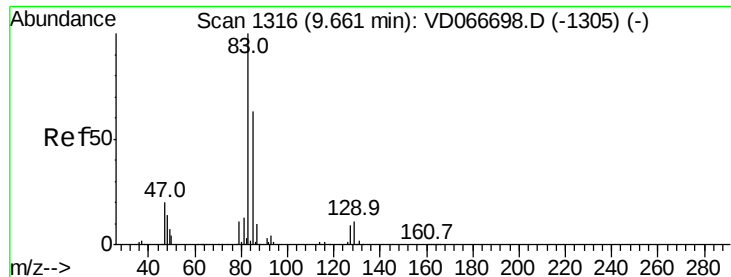


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.673 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

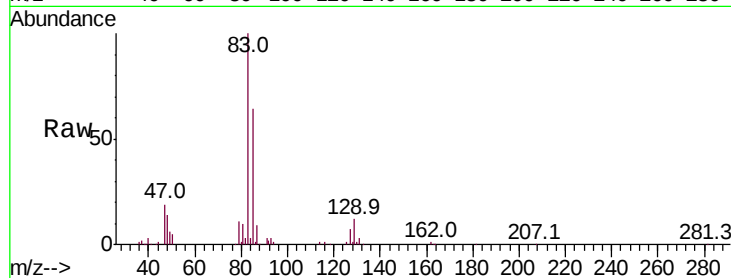
Tot Ion: 83 Resp: 144654

Ion Ratio Lower Upper

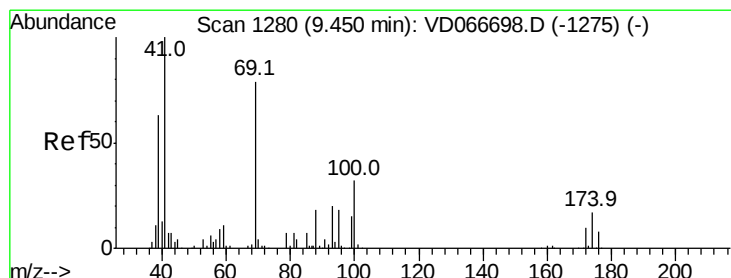
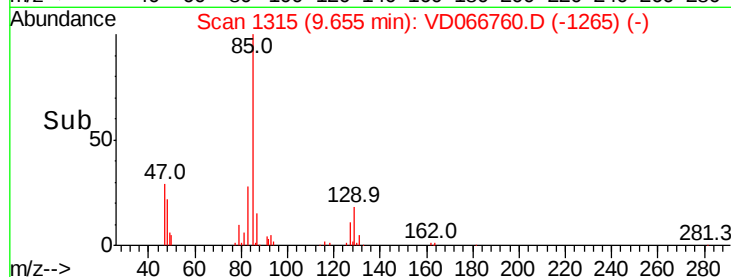
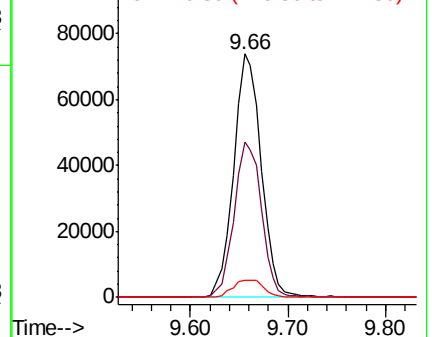
83 100

85 63.6 50.1 75.1

127 7.0 6.9 10.3



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



#48

Methyl methacrylate

Concen: 20.418 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

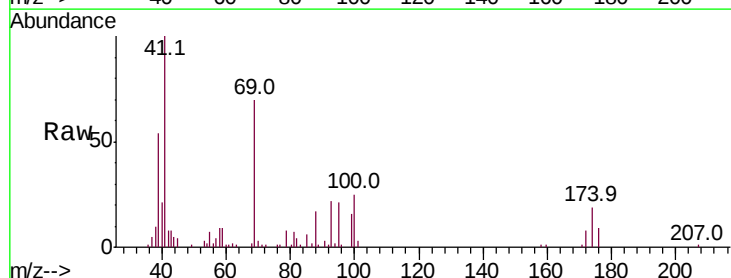
Tgt Ion: 41 Resp: 51705

Ion Ratio Lower Upper

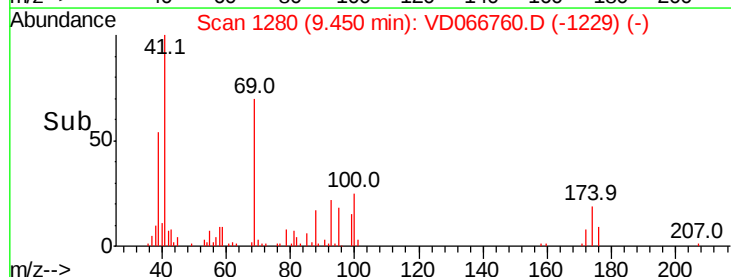
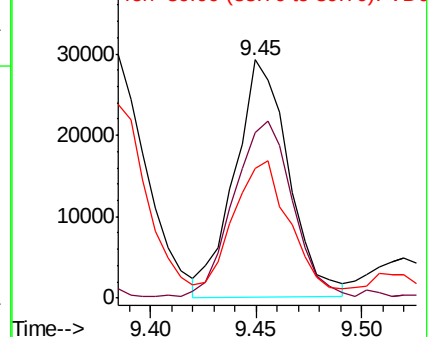
41 100

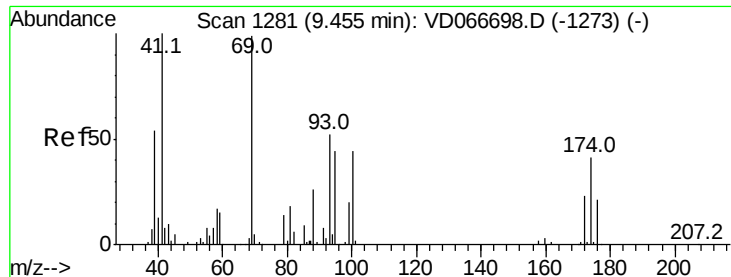
69 82.1 62.4 93.6

39 54.4 44.8 67.2



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: 450.077 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

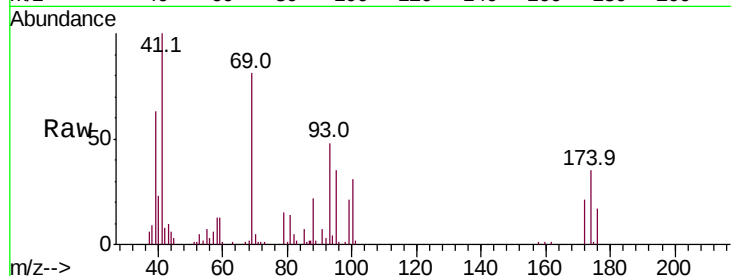
Tot Ion: 88 Resp: 12380

Ion Ratio Lower Upper

88 100

43 40.6 29.3 43.9

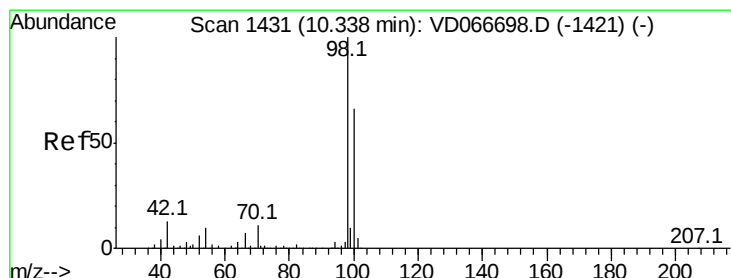
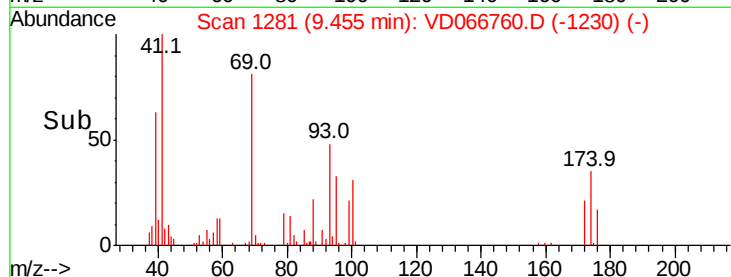
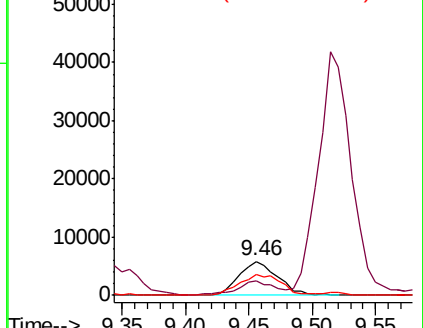
58 67.8 51.4 77.2



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 52.258 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066760.D

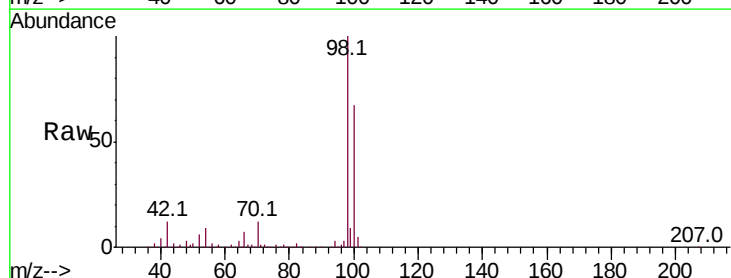
Acq: 18 Sep 2020 12:28

Tgt Ion: 98 Resp: 775698

Ion Ratio Lower Upper

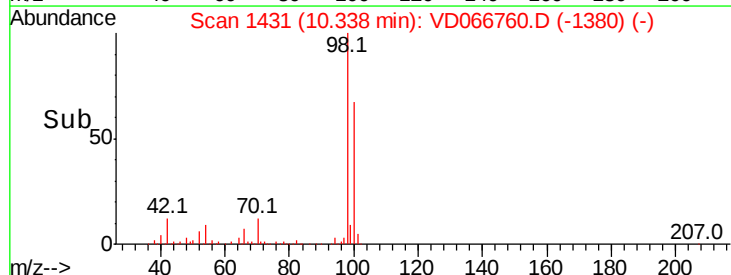
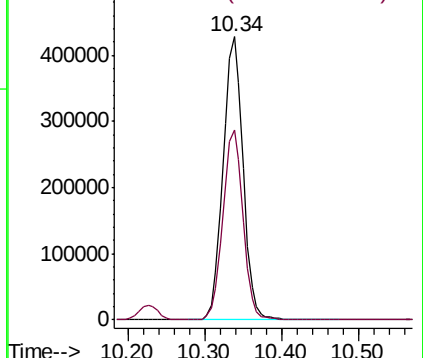
98 100

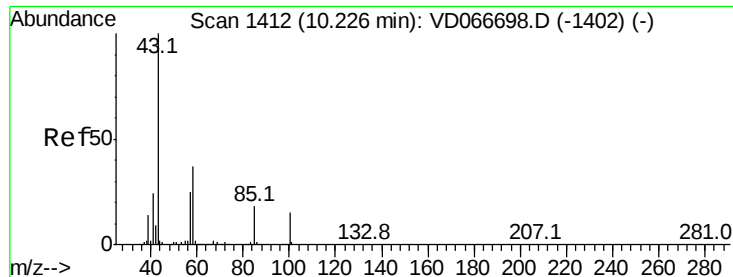
100 67.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 100.435 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

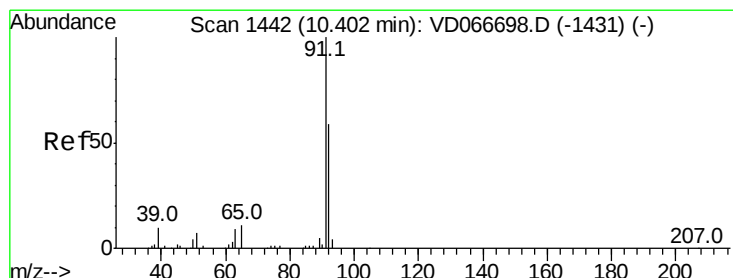
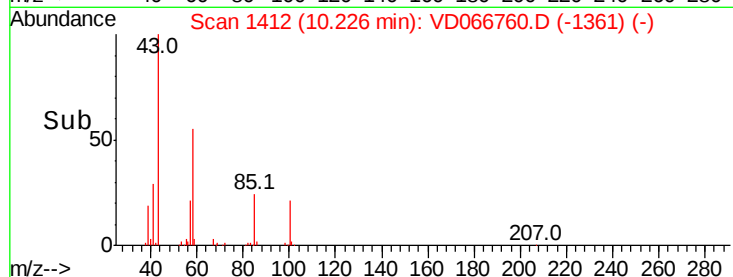
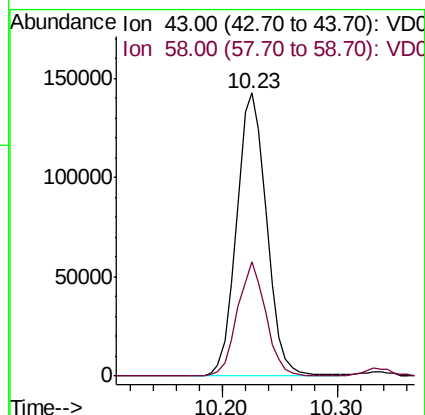
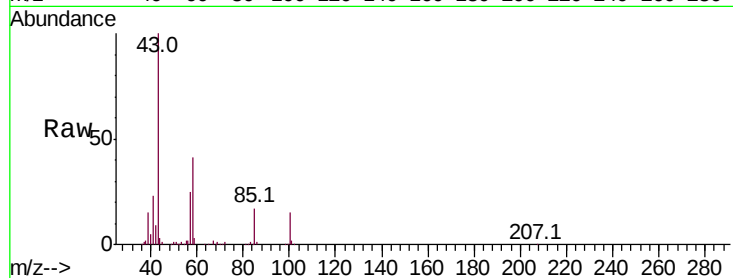
VD0918SBS01

Tot Ion: 43 Resp: 257427

Ion Ratio Lower Upper

43 100

58 38.4 30.4 45.6



#52

Toluene

Concen: 20.879 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066760.D

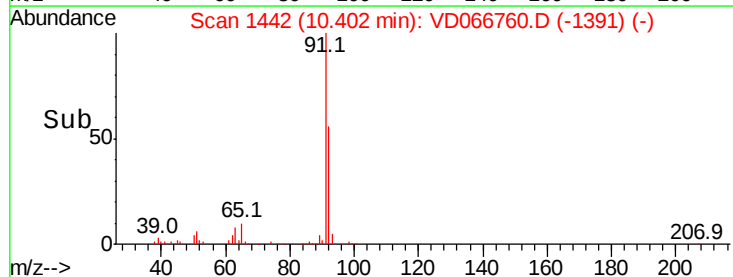
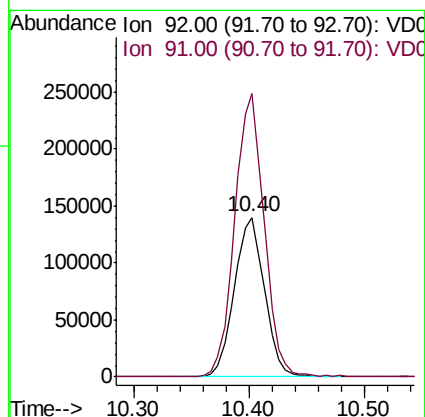
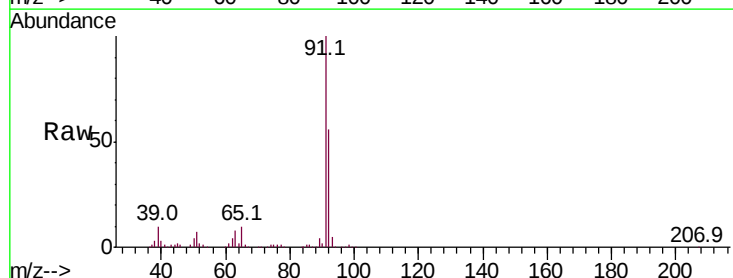
Acq: 18 Sep 2020 12:28

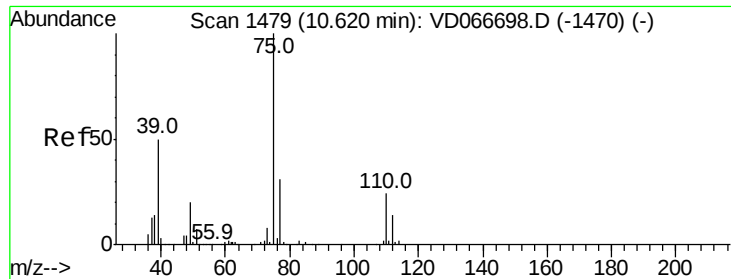
Tgt Ion: 92 Resp: 252828

Ion Ratio Lower Upper

92 100

91 174.4 135.8 203.8

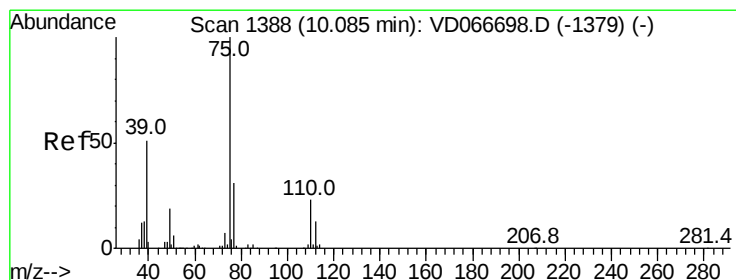
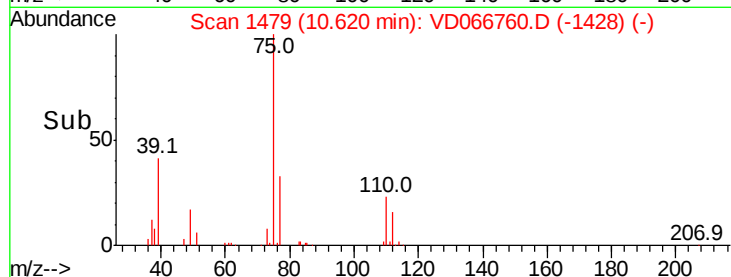
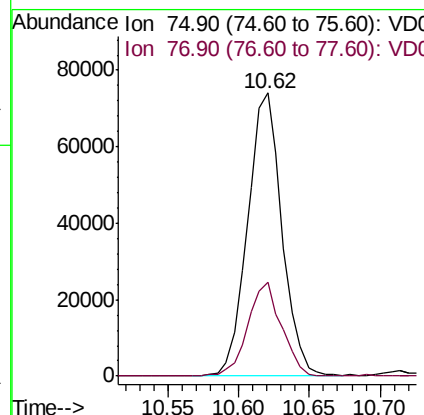
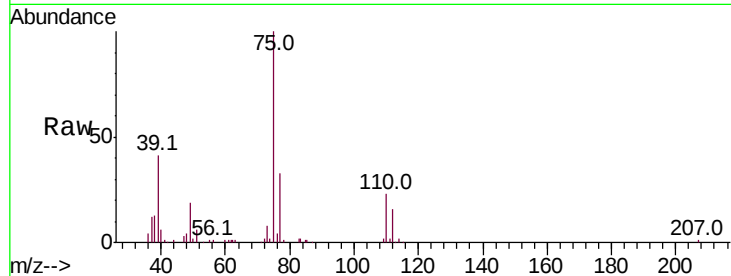




#53
 t-1,3-Dichloropropene
 Concen: 20.207 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

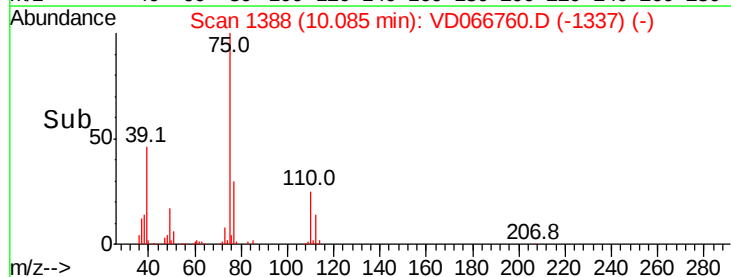
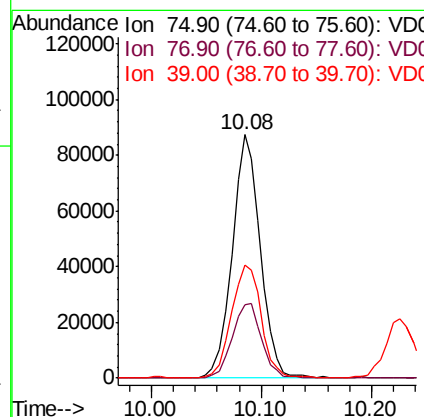
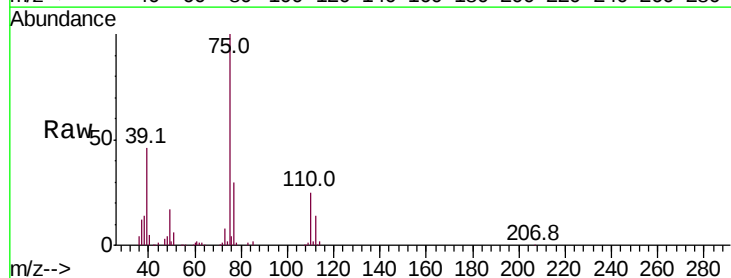
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBSD01

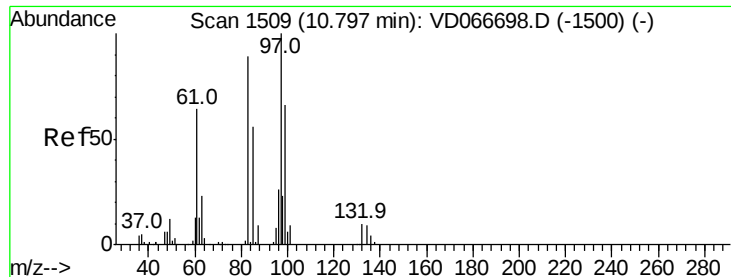
Tot Ion: 75 Resp: 126308
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.969 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

Tgt Ion: 75 Resp: 155678
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.0 37.6
 39 46.3 40.6 61.0

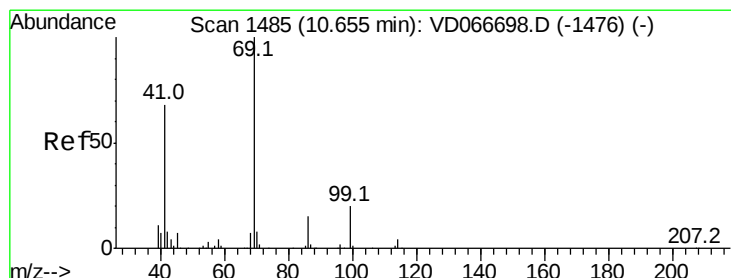
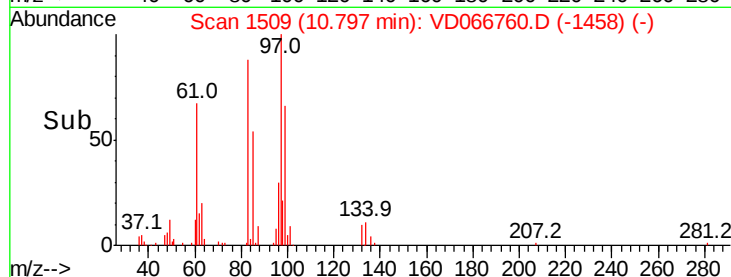
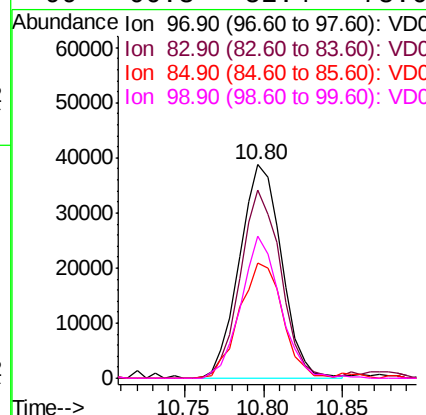
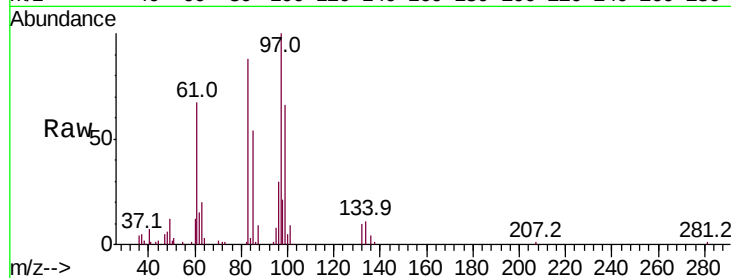




#55
 1,1,2-Trichloroethane
 Concen: 21.274 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

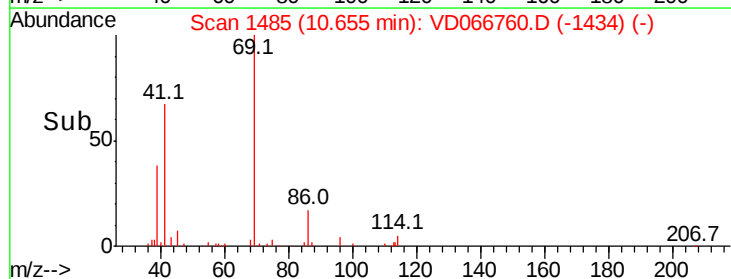
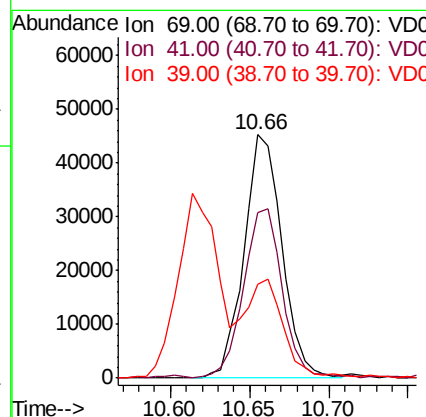
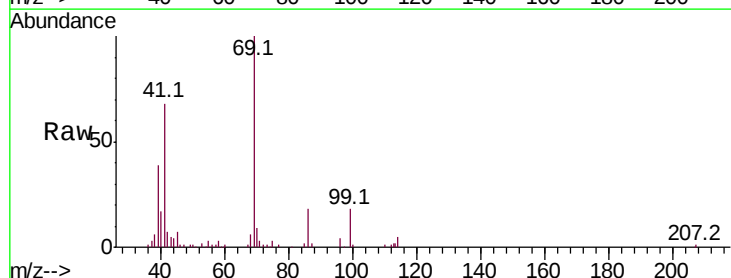
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBS01

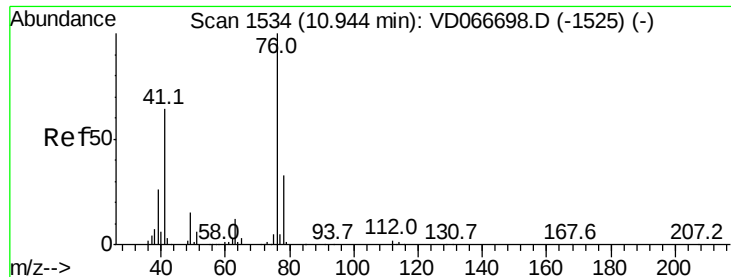
Tot Ion: 97 Resp: 72025
 Ion Ratio Lower Upper
 97 100
 83 88.4 71.4 107.2
 85 53.7 44.7 67.1
 99 66.3 52.4 78.6



#56
 Ethyl methacrylate
 Concen: 19.642 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

Tgt Ion: 69 Resp: 75465
 Ion Ratio Lower Upper
 69 100
 41 71.1 55.5 83.3
 39 37.5 29.7 44.5





#57

1,3-Dichloropropane

Concen: 20.534 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

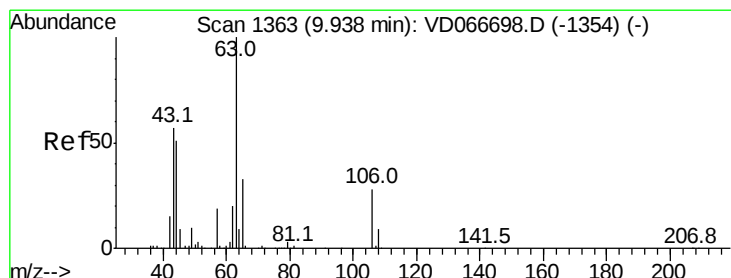
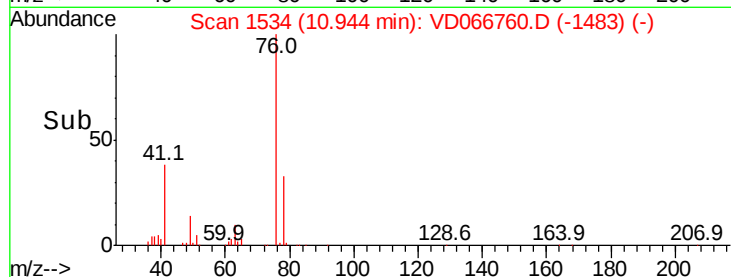
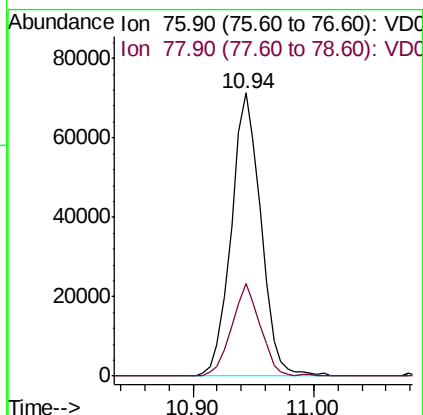
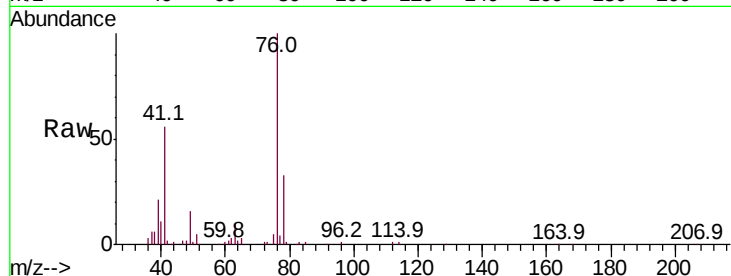
VD0918SBS01

Tot Ion: 76 Resp: 122002

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 120.144 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066760.D

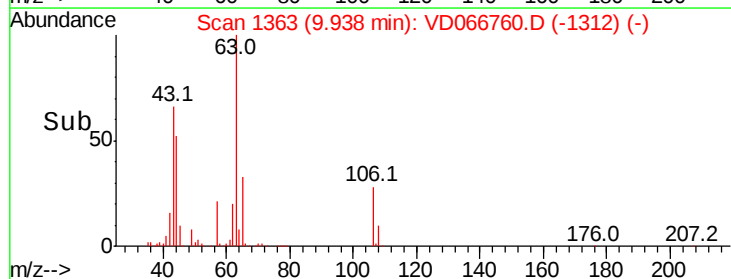
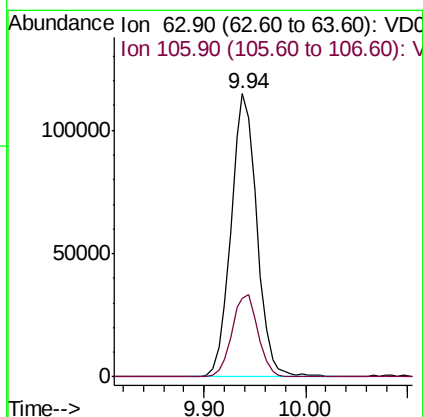
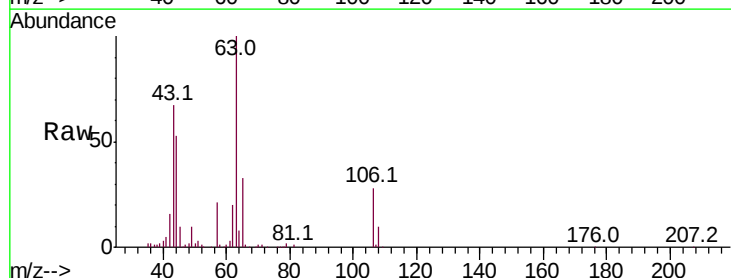
Acq: 18 Sep 2020 12:28

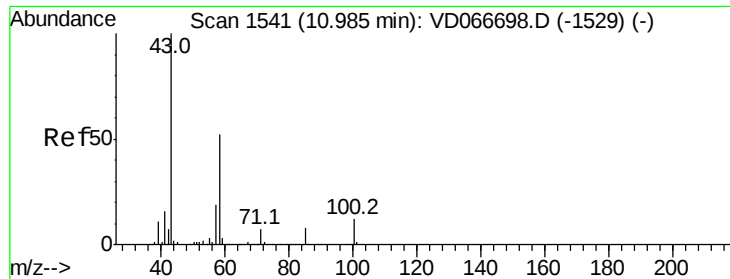
Tgt Ion: 63 Resp: 202727

Ion Ratio Lower Upper

63 100

106 29.4 22.2 33.4

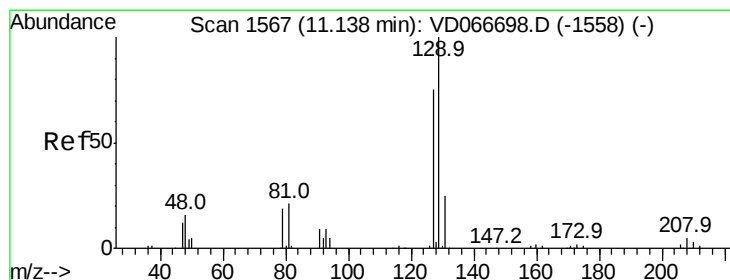
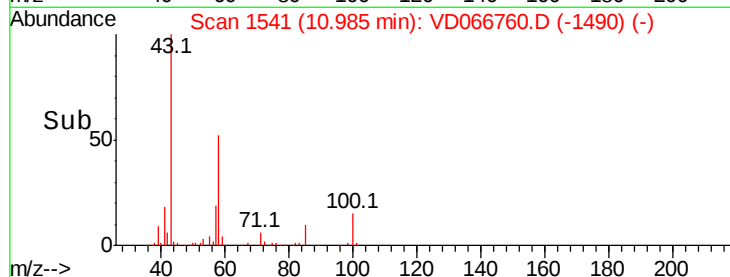
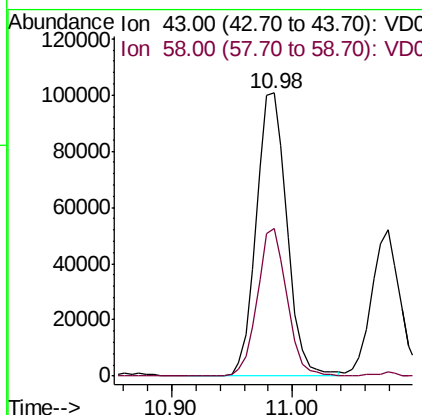
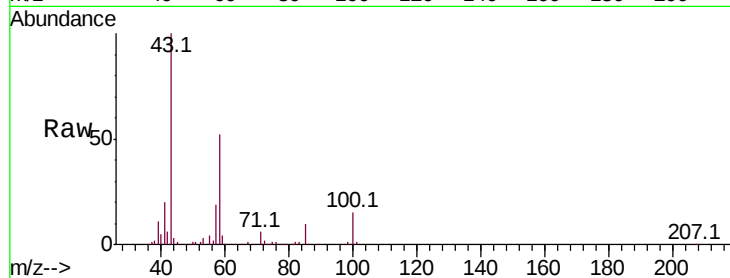




#59
2-Hexanone
Concen: 103.926 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

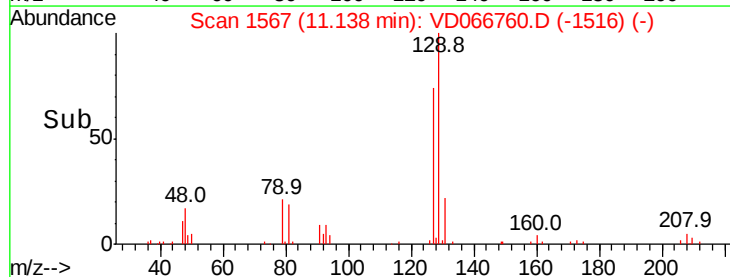
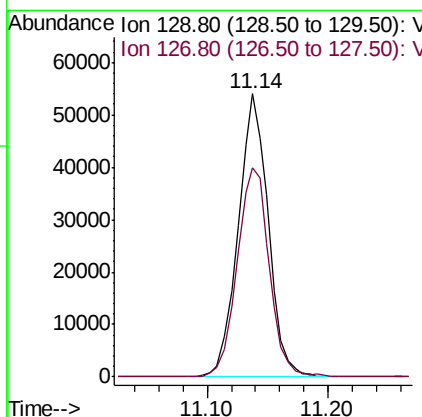
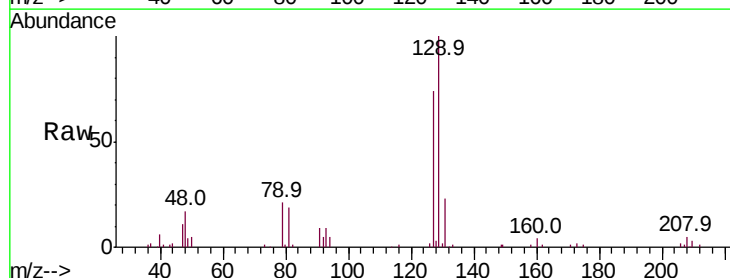
Instrument :
MSVOA_D
ClientSampleId :
VD0918SBS01

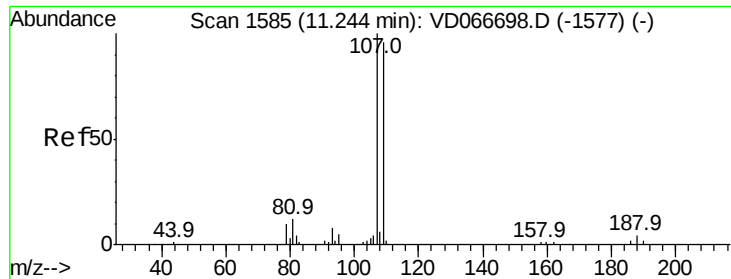
Tot Ion: 43 Resp: 178981
Ion Ratio Lower Upper
43 100
58 50.2 26.2 78.5



#60
Dibromochloromethane
Concen: 21.112 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

Tgt Ion: 129 Resp: 93134
Ion Ratio Lower Upper
129 100
127 79.1 38.1 114.3

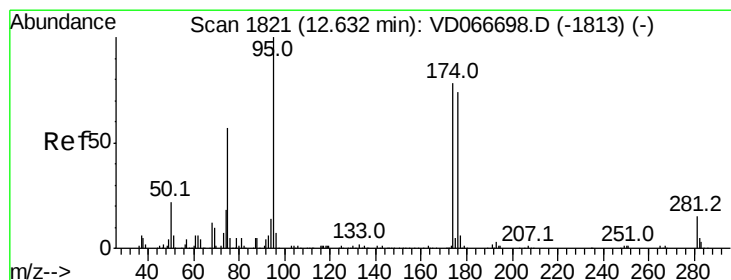
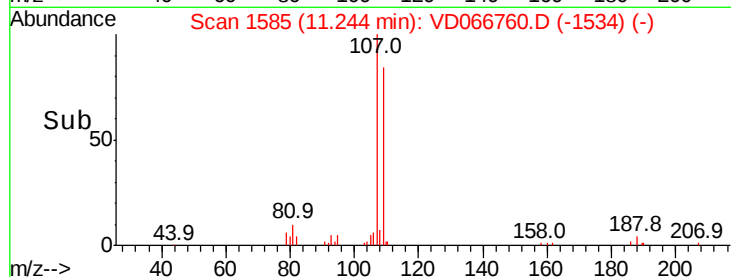
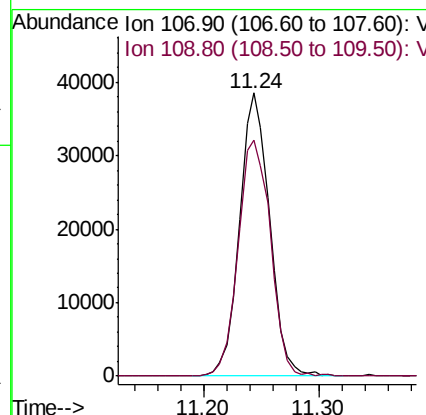
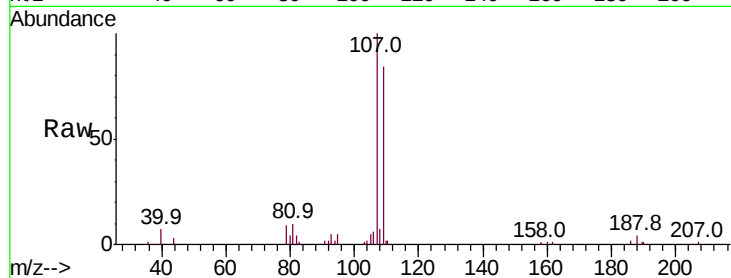




#61
 1,2-Dibromoethane
 Concen: 21.290 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

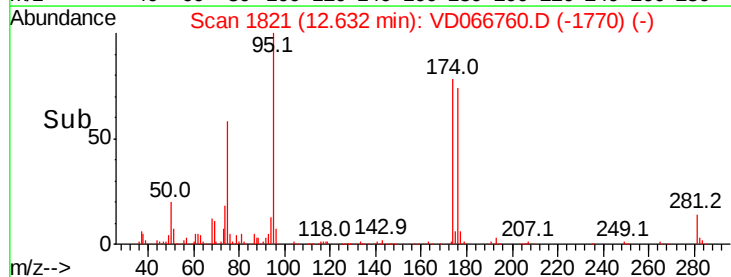
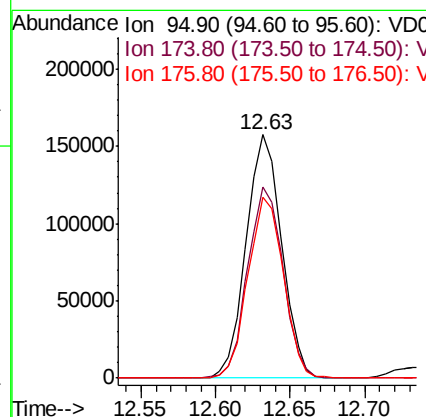
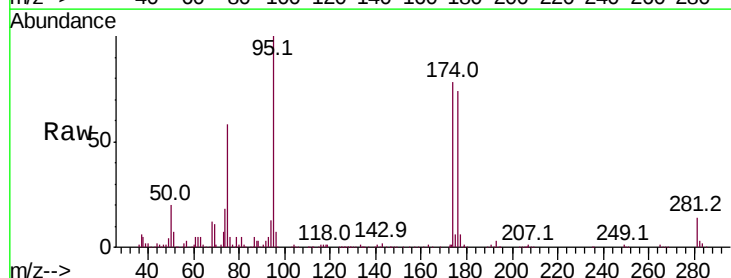
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBS01

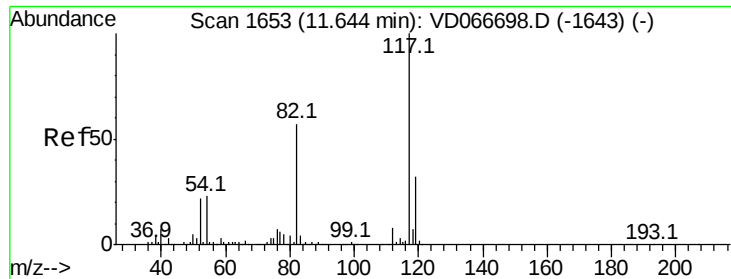
Tot Ion:107 Resp: 69141
 Ion Ratio Lower Upper
 107 100
 109 90.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.644 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

Tgt Ion: 95 Resp: 259495
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 156.6
 176 74.2 0.0 150.2

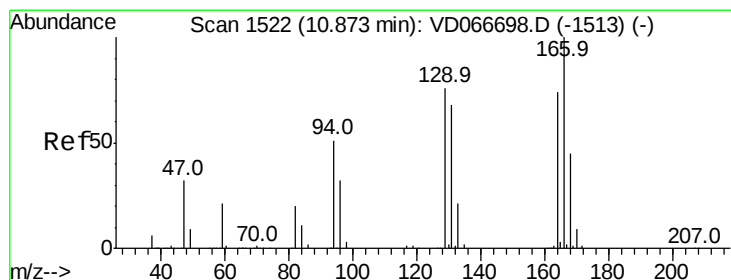
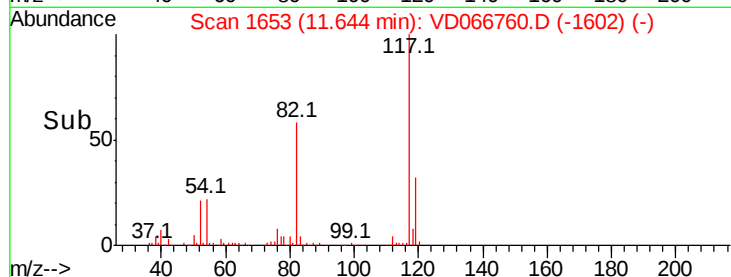
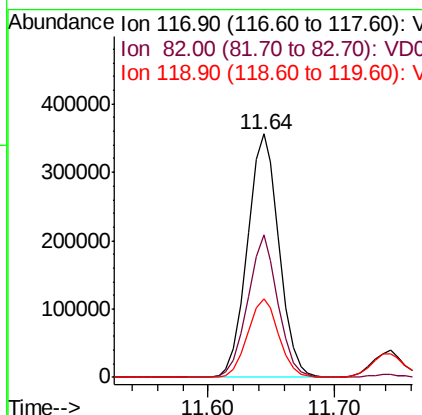
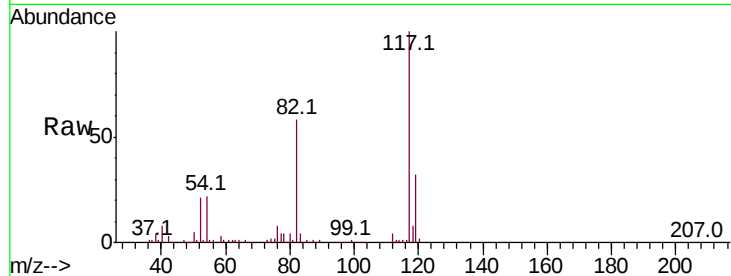




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

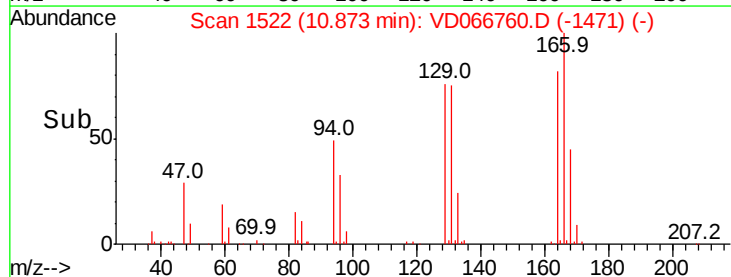
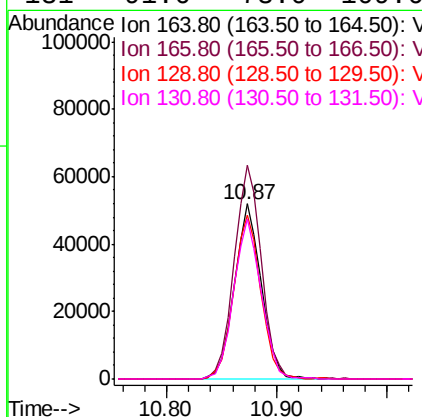
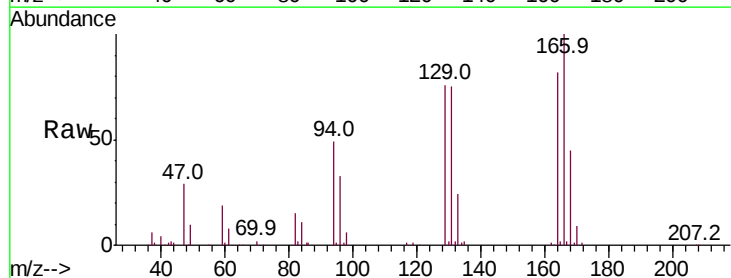
Instrument :
MSVOA_D
ClientSampleId :
VD0918SBS01

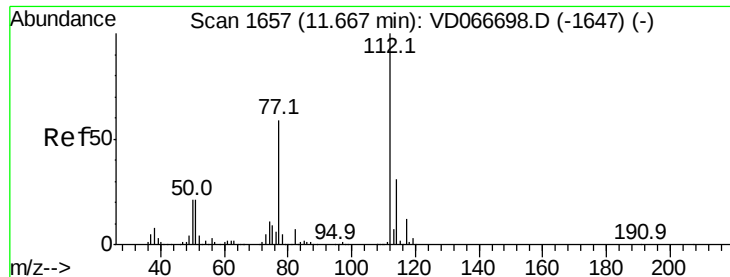
Tot Ion:117 Resp: 616803
Ion Ratio Lower Upper
117 100
82 58.4 45.4 68.0
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 21.093 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

Tgt Ion:164 Resp: 88812
Ion Ratio Lower Upper
164 100
166 122.1 107.5 161.3
129 93.4 81.4 122.0
131 91.6 73.0 109.6

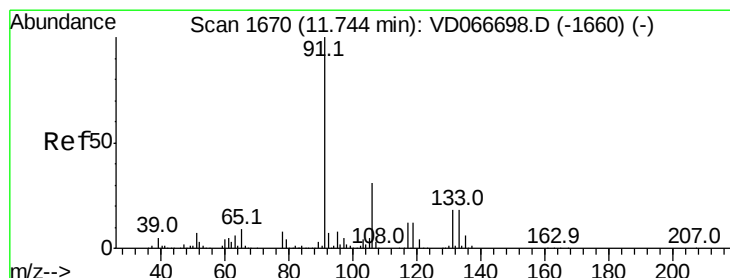
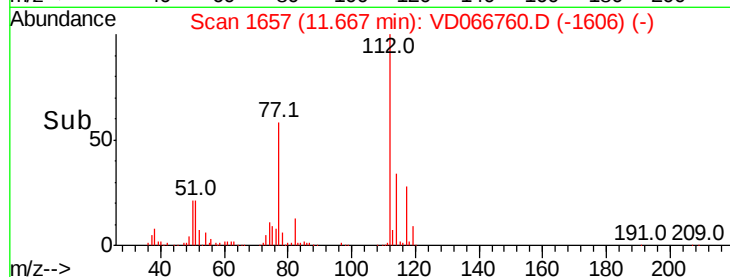
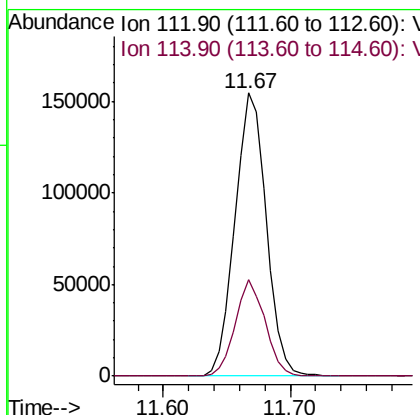
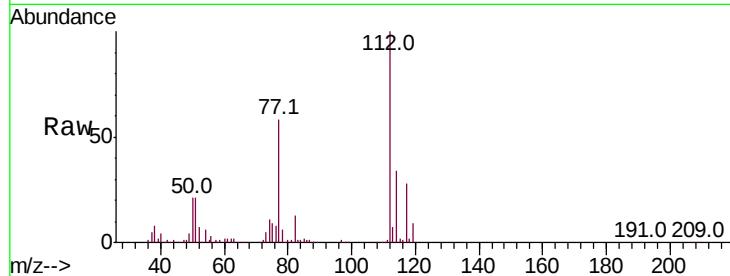




#65
Chlorobenzene
Concen: 20.726 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

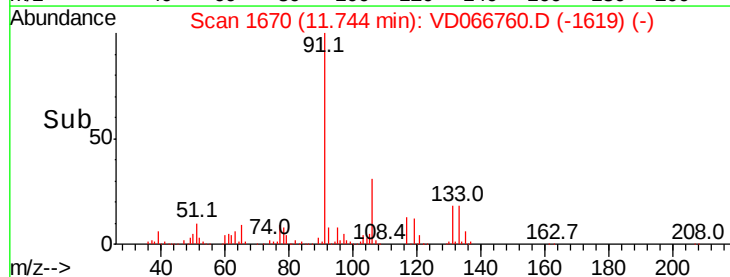
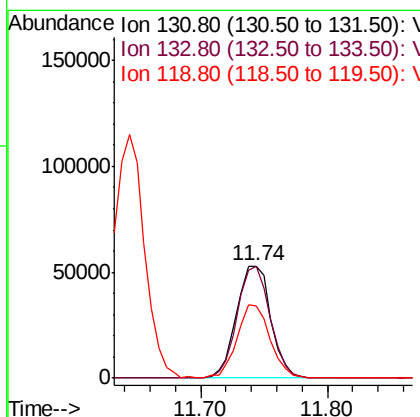
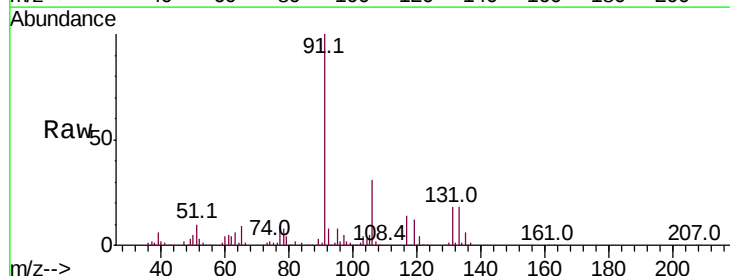
Instrument :
MSVOA_D
ClientSampleId :
VD0918SBSD01

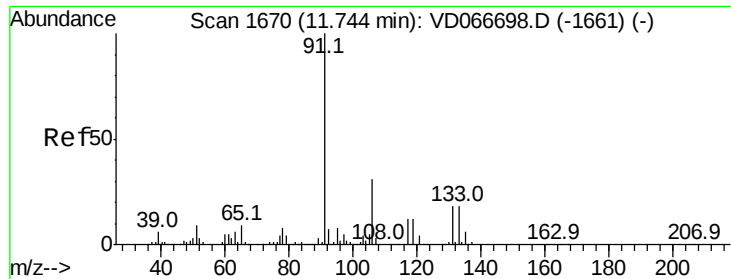
Tot Ion:112 Resp: 264676
Ion Ratio Lower Upper
112 100
114 33.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.185 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

Tgt Ion:131 Resp: 99821
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.3
119 63.0 33.6 100.8

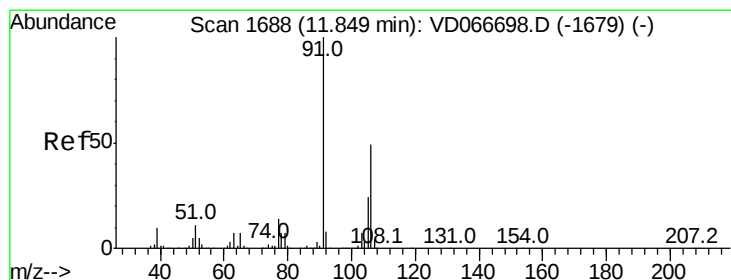
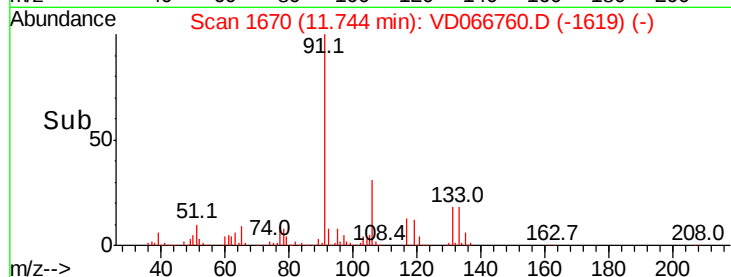
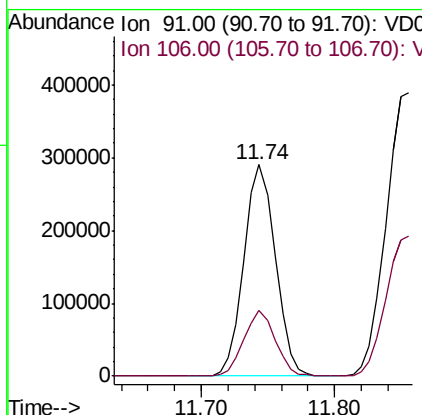
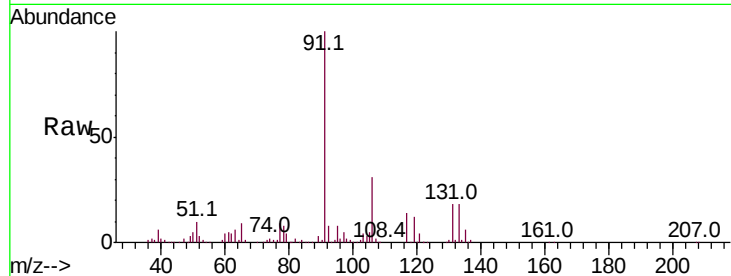




#67
Ethyl Benzene
Concen: 20.531 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

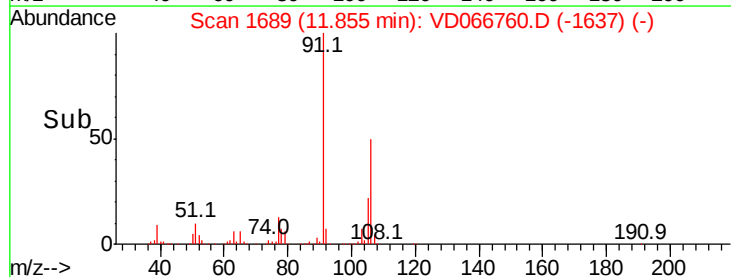
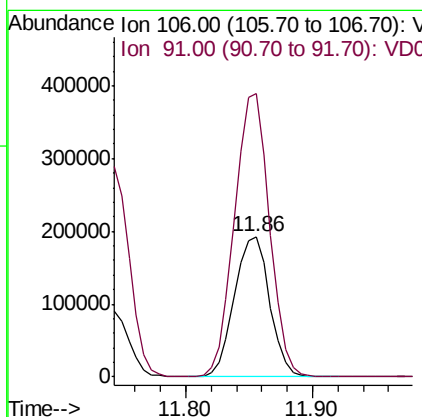
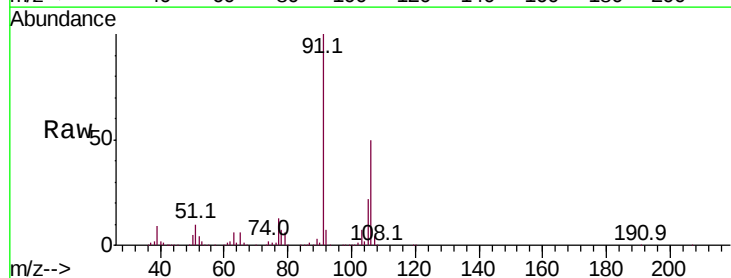
Instrument :
MSVOA_D
ClientSampleId :
VD0918SBS01

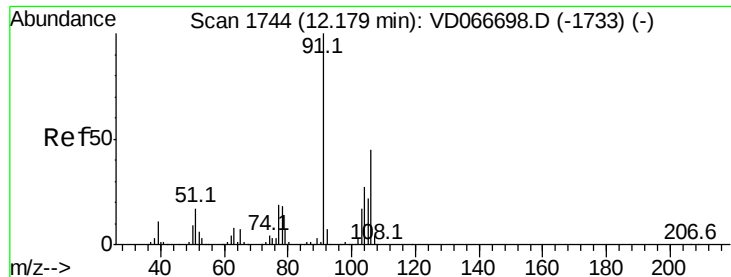
Tot Ion: 91 Resp: 474911
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 42.630 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

Tgt Ion: 106 Resp: 372692
Ion Ratio Lower Upper
106 100
91 200.0 164.8 247.2

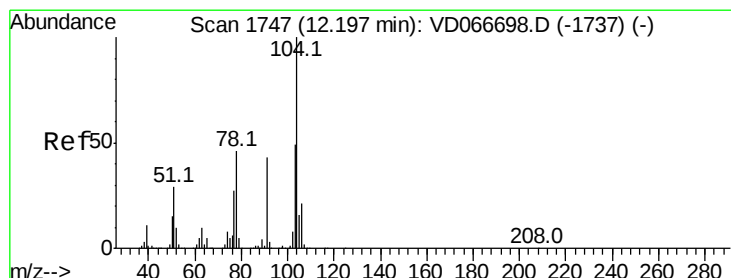
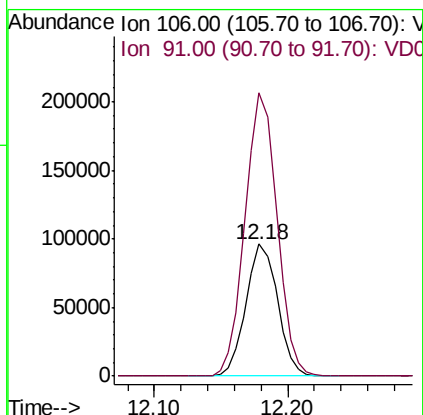
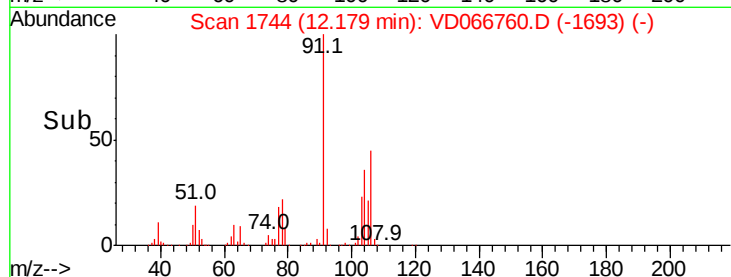
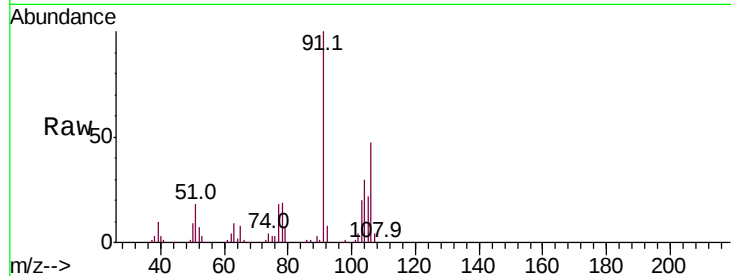




#69
o-Xylene
Concen: 20.471 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

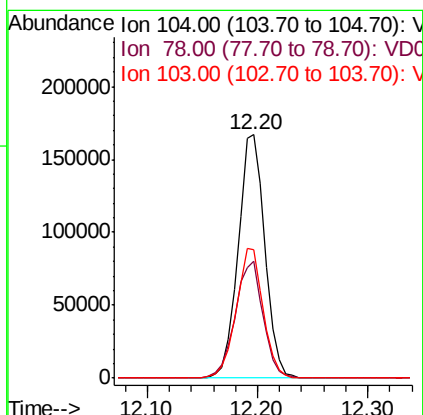
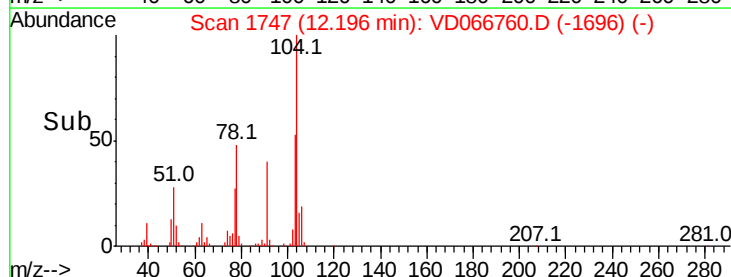
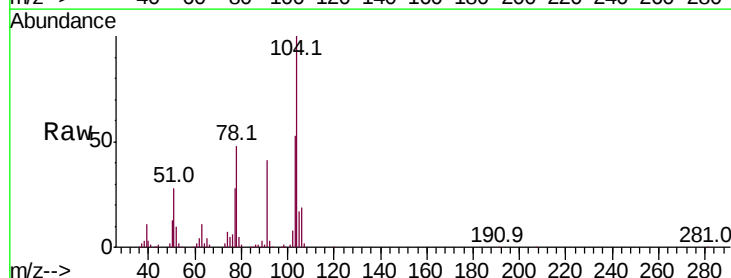
Instrument :
MSVOA_D
ClientSampleId :
VD0918SBSD01

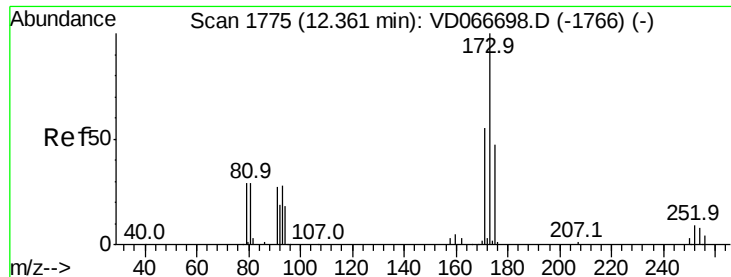
Tot Ion:106 Resp: 158156
Ion Ratio Lower Upper
106 100
91 217.2 109.4 328.2



#70
Styrene
Concen: 20.881 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

Tgt Ion:104 Resp: 283935
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.4
103 53.8 42.5 63.7





#71

Bromoform

Concen: 20.902 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

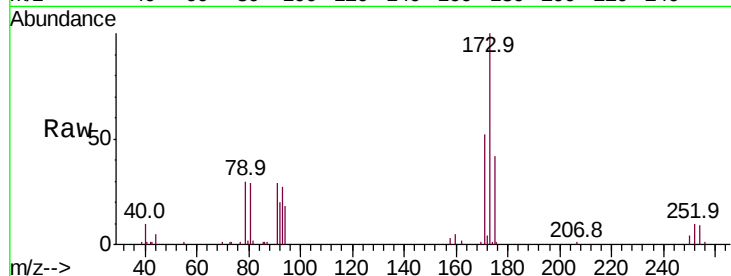
Tot Ion:173 Resp: 49426

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

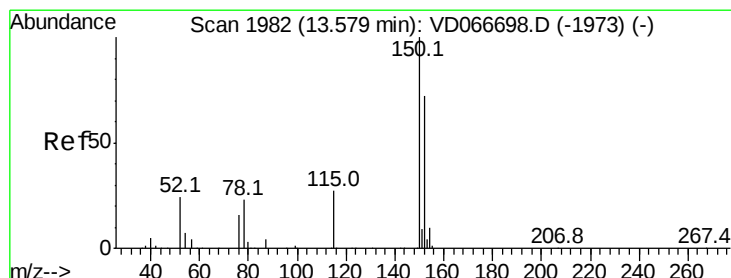
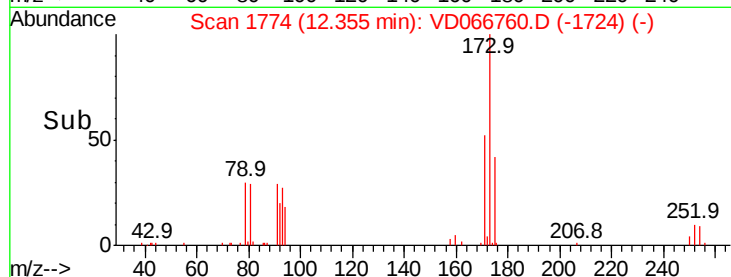
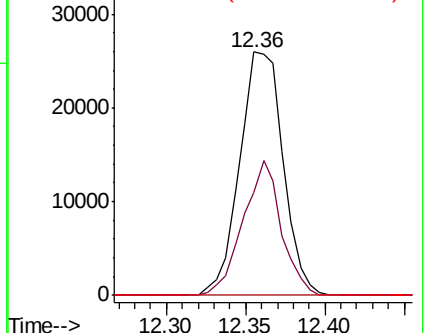
254 0.0 0.1 0.1#



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: VD066760.D

Acq: 18 Sep 2020 12:28

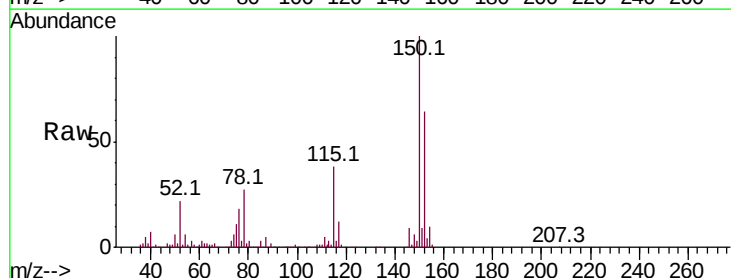
Tgt Ion:152 Resp: 286225

Ion Ratio Lower Upper

152 100

115 61.9 30.5 91.5

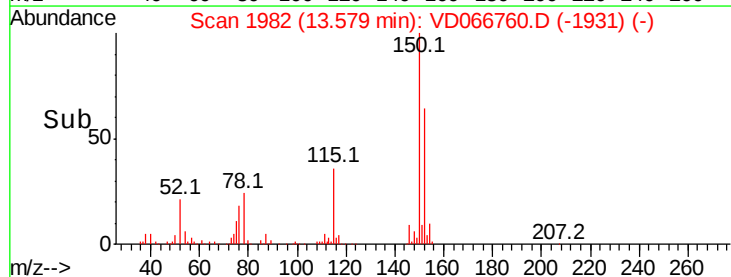
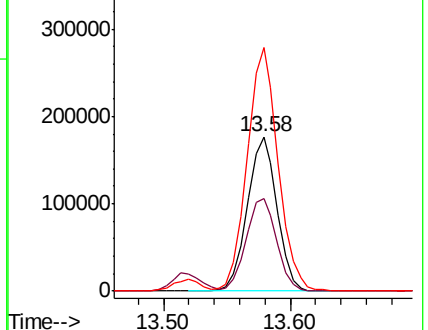
150 164.8 0.0 344.6

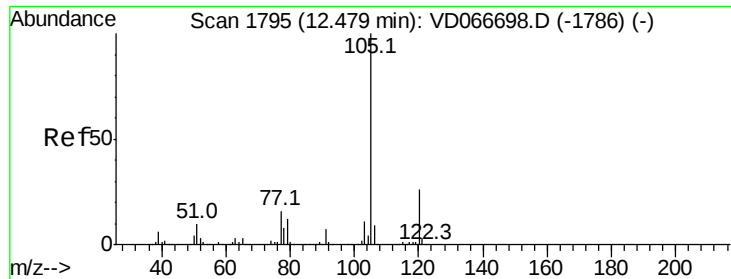


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.754 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

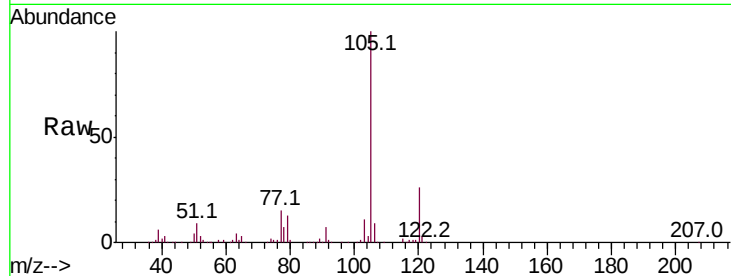
VD0918SBS01

Tot Ion:105 Resp: 443465

Ion Ratio Lower Upper

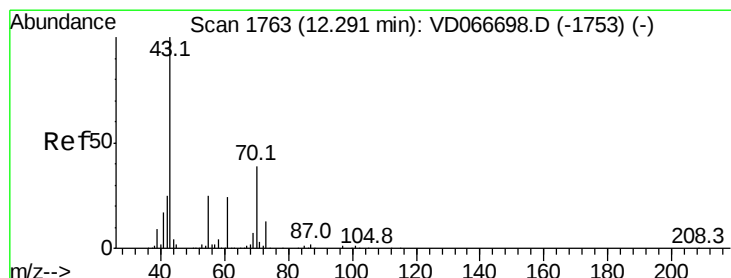
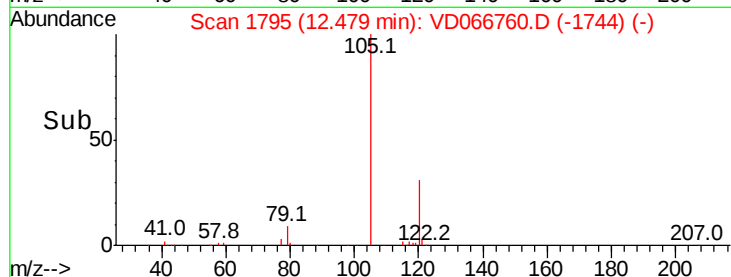
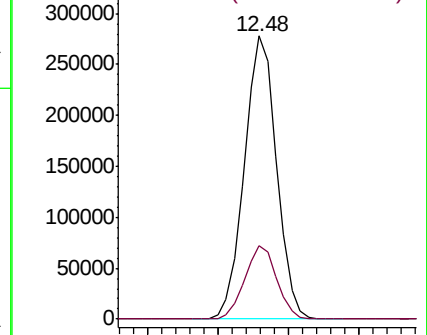
105 100

120 25.9 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.708 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Tgt Ion: 43 Resp: 88831

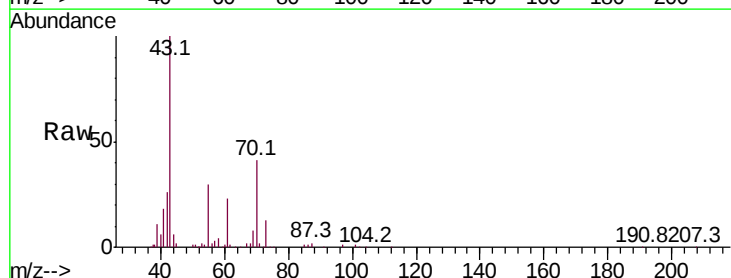
Ion Ratio Lower Upper

43 100

70 41.6 33.0 49.4

55 28.0 20.6 30.8

61 23.4 19.1 28.7

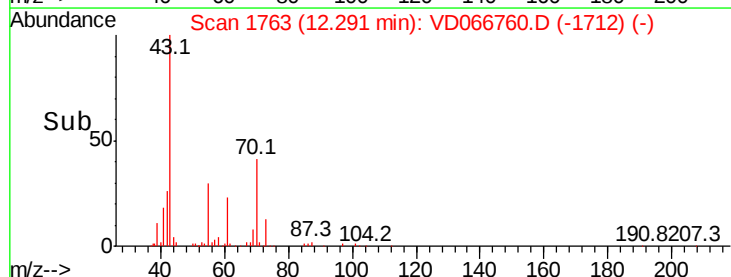
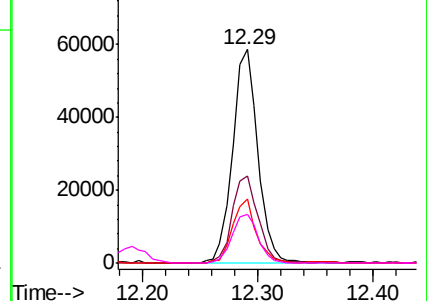


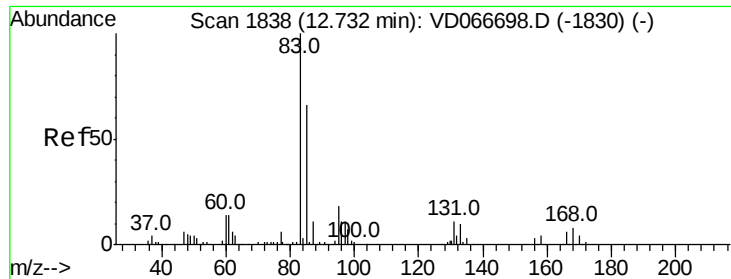
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.634 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

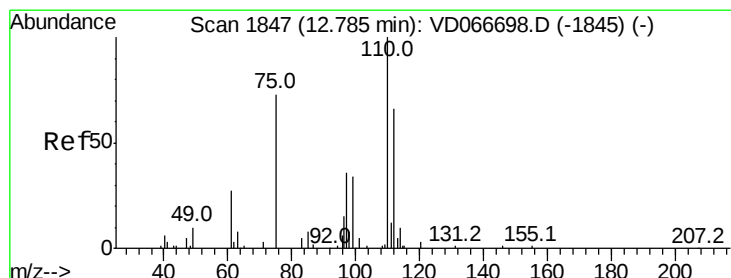
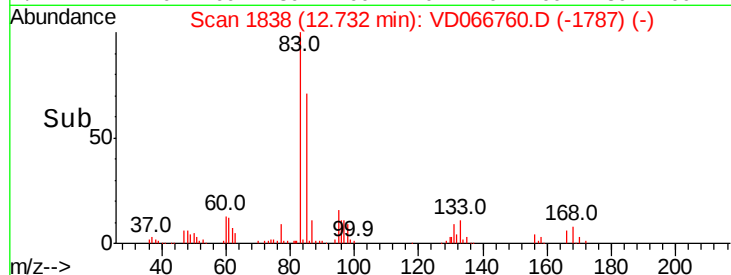
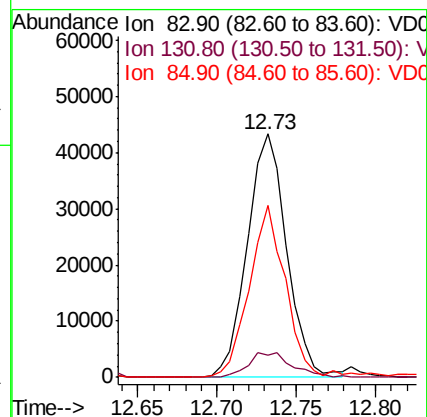
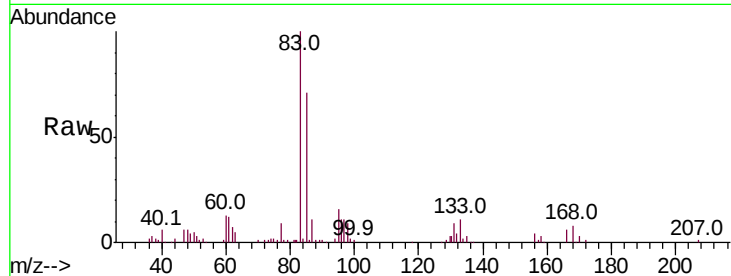
Tot Ion: 83 Resp: 74918

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.3

85 64.2 33.3 99.8



#76

1,2,3-Trichloropropane

Concen: 40.943 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066760.D

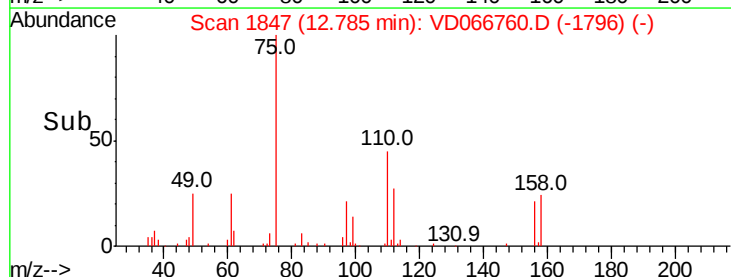
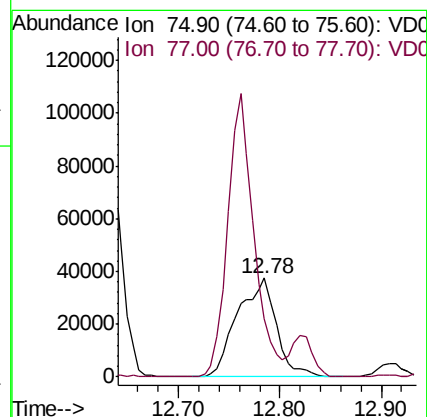
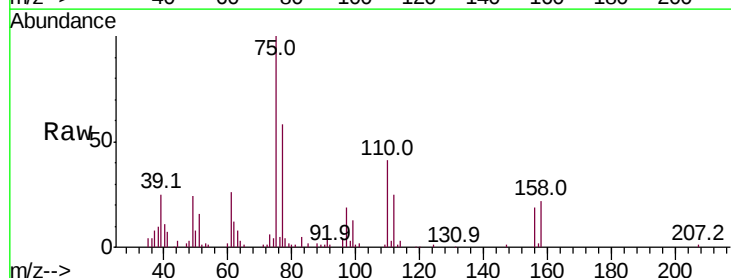
Acq: 18 Sep 2020 12:28

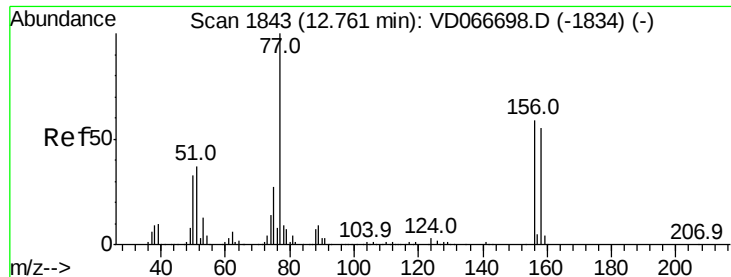
Tgt Ion: 75 Resp: 100310

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.826 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

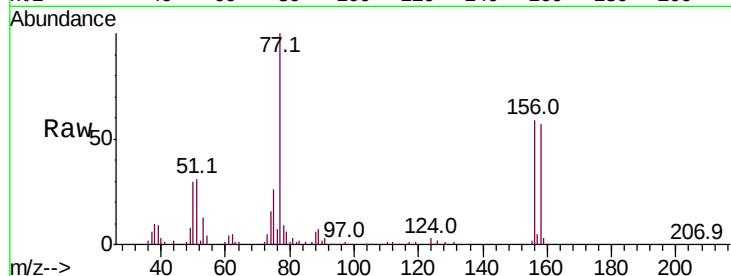
Tot Ion:156 Resp: 102565

Ion Ratio Lower Upper

156 100

77 188.0 95.8 287.3

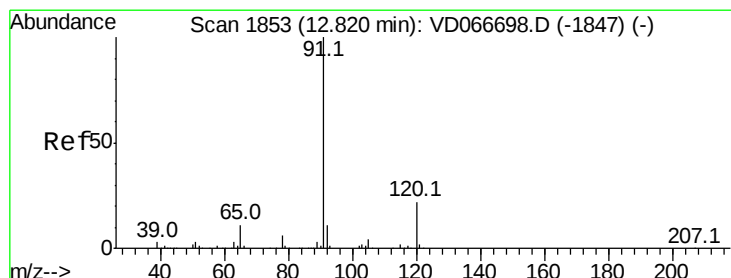
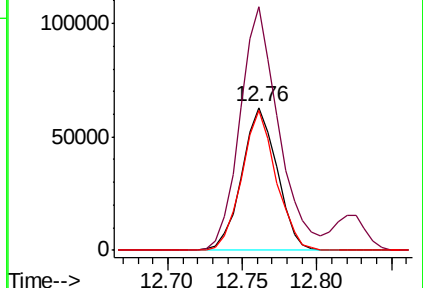
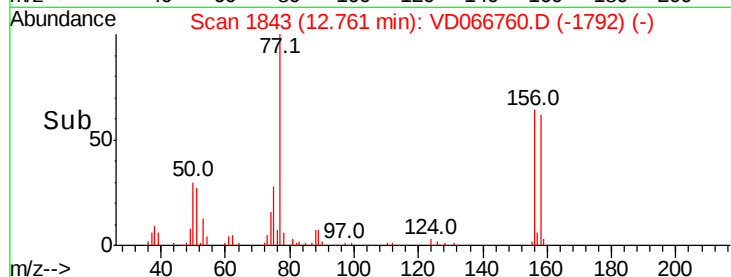
158 95.5 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.949 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066760.D

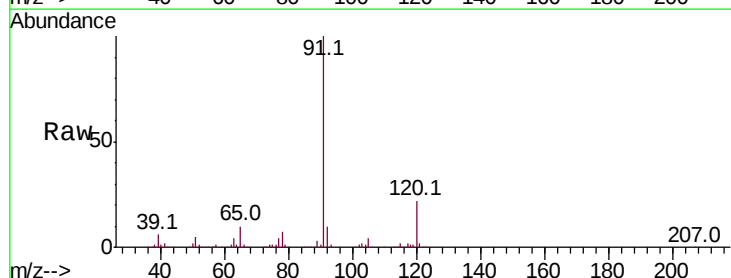
Acq: 18 Sep 2020 12:28

Tgt Ion: 91 Resp: 545674

Ion Ratio Lower Upper

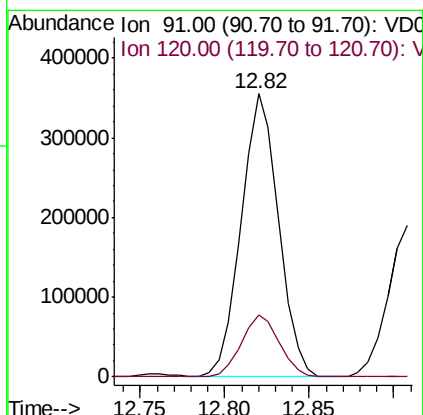
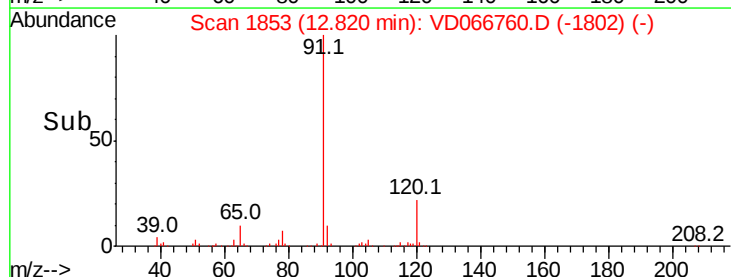
91 100

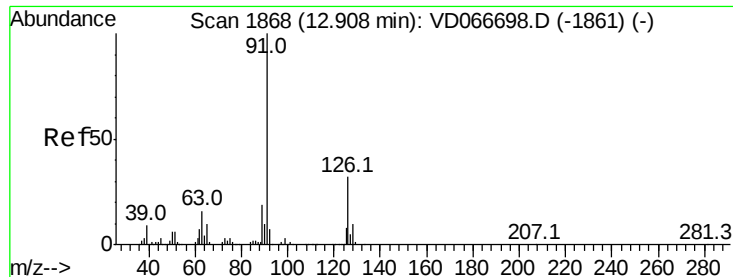
120 22.3 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.869 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

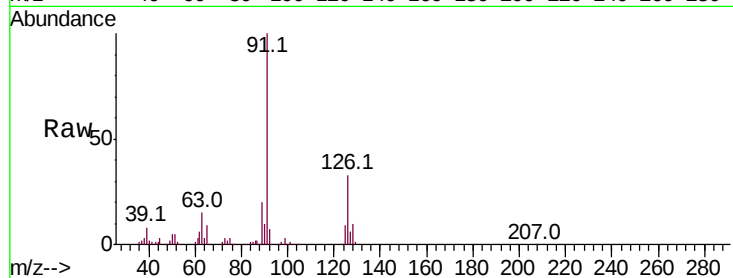
VD0918SBS01

Tot Ion: 91 Resp: 307361

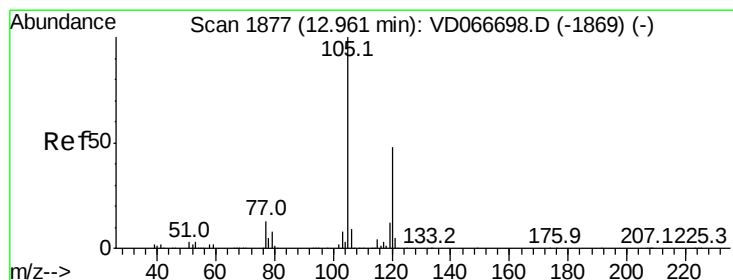
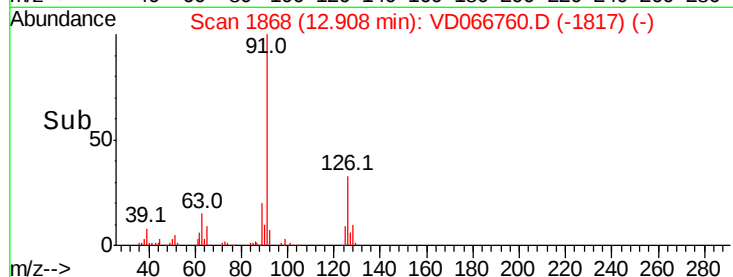
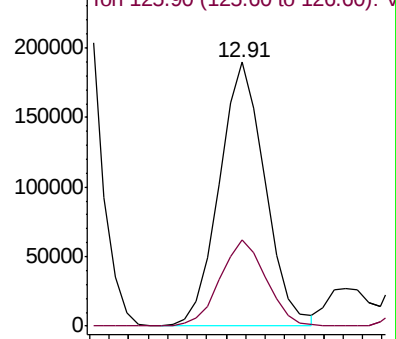
Ion Ratio Lower Upper

91 100

126 33.1 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VD066760.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.206 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066760.D

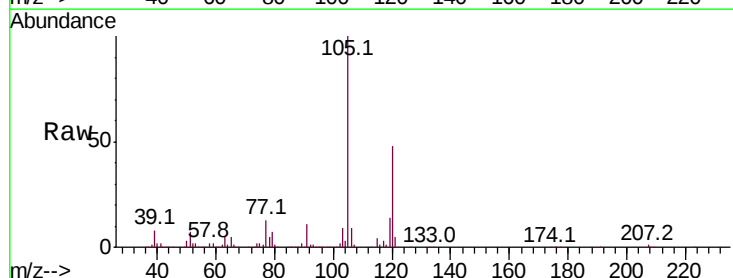
Acq: 18 Sep 2020 12:28

Tgt Ion:105 Resp: 383118

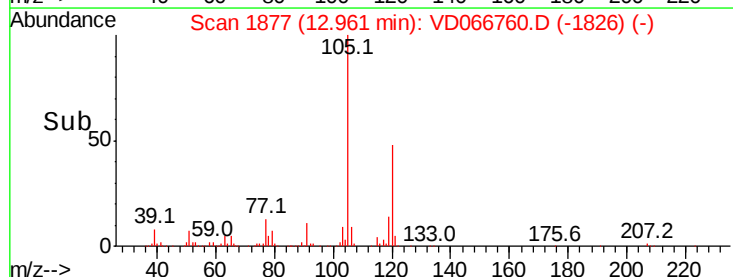
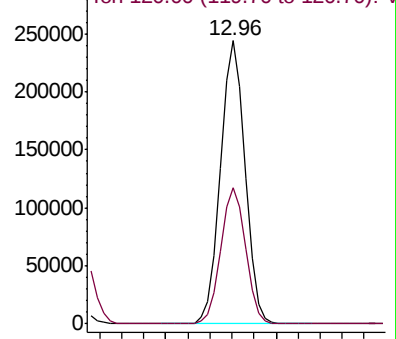
Ion Ratio Lower Upper

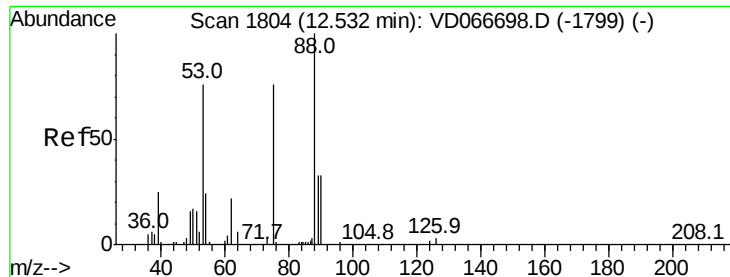
105 100

120 48.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD066760.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.289 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

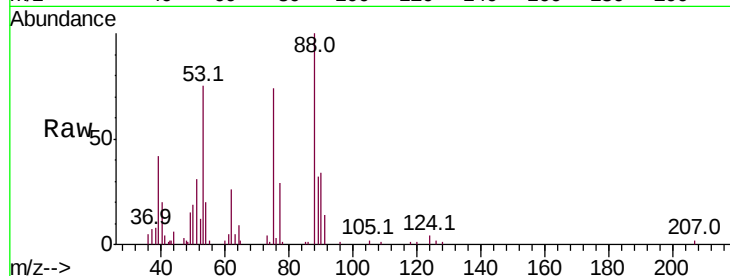
Tot Ion: 75 Resp: 24167

Ion Ratio Lower Upper

75 100

53 99.2 82.2 123.4

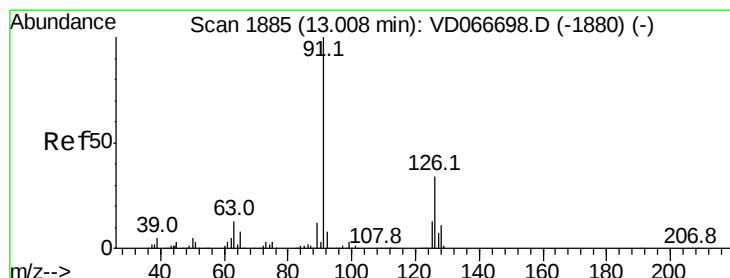
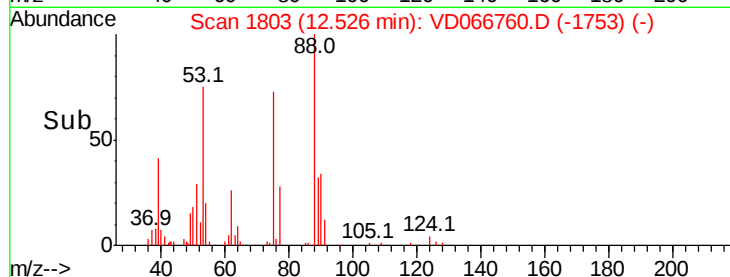
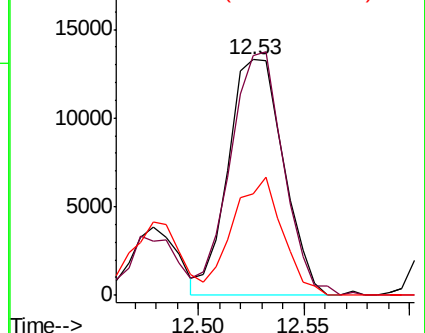
89 44.7 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.759 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066760.D

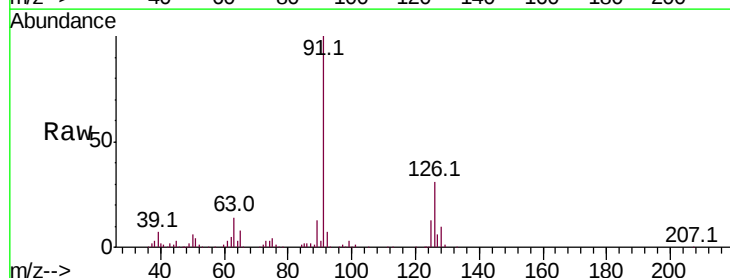
Acq: 18 Sep 2020 12:28

Tgt Ion: 91 Resp: 323280

Ion Ratio Lower Upper

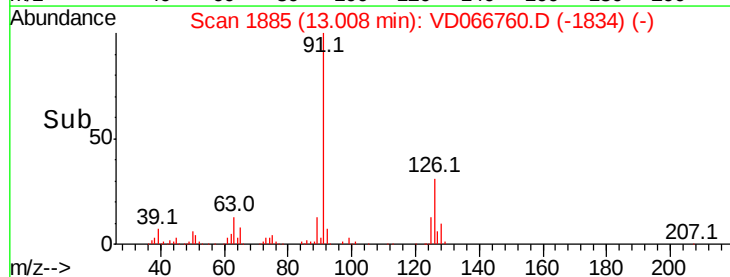
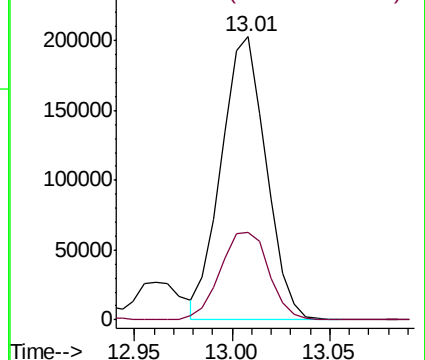
91 100

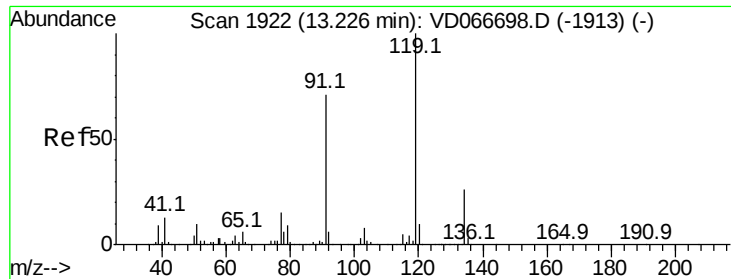
126 33.7 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

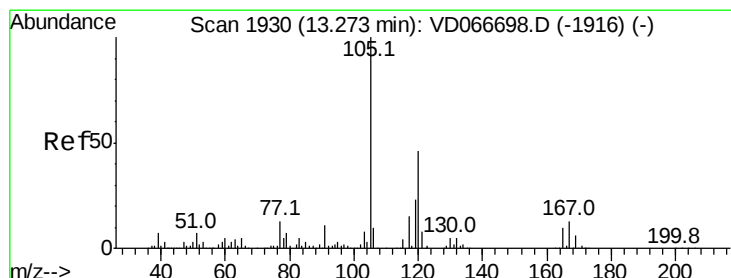
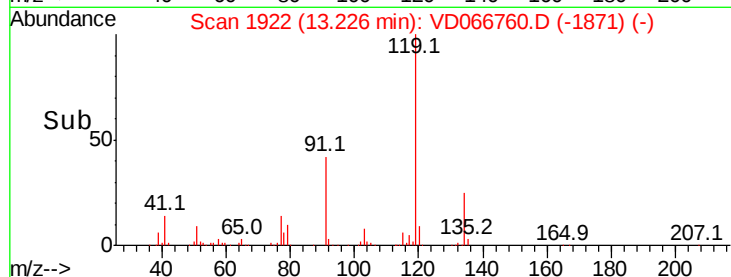
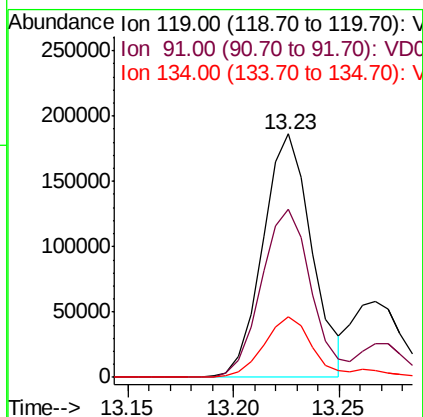
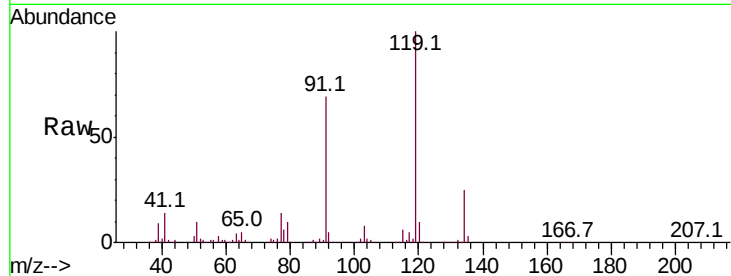




#83
tert-Butylbenzene
Concen: 20.268 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

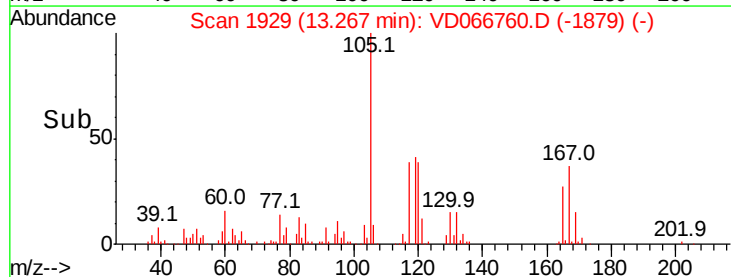
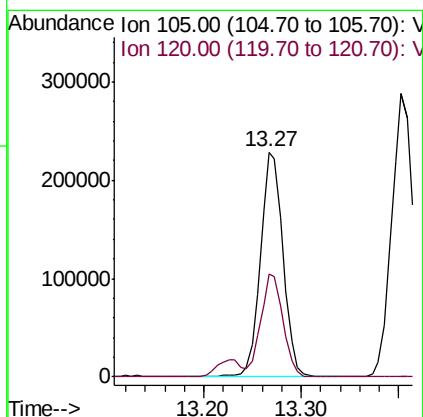
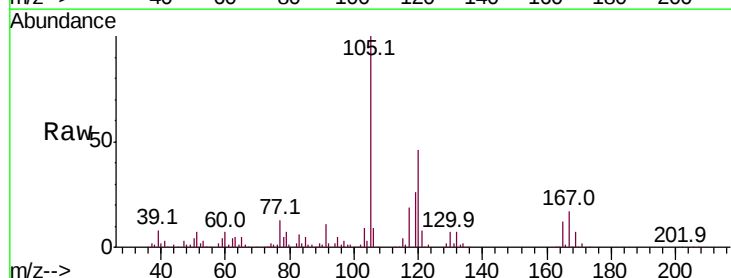
Instrument :
MSVOA_D
ClientSampleId :
VD0918SBS01

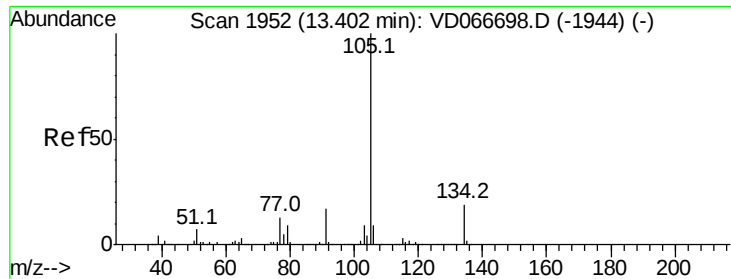
Tot Ion:119 Resp: 301802
Ion Ratio Lower Upper
119 100
91 70.9 35.0 105.1
134 24.4 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 20.678 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

Tgt Ion:105 Resp: 373356
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.2

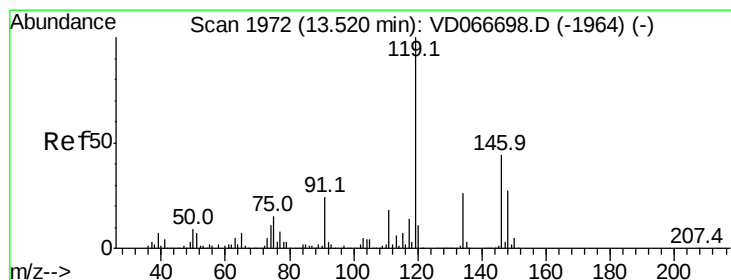
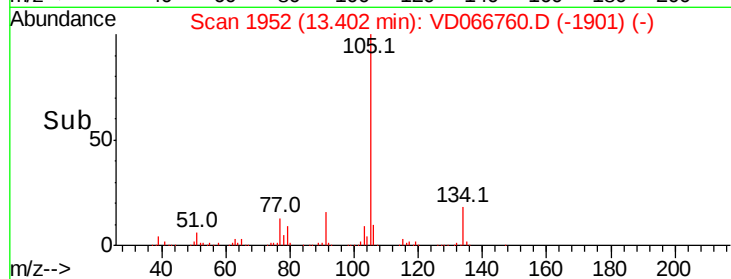
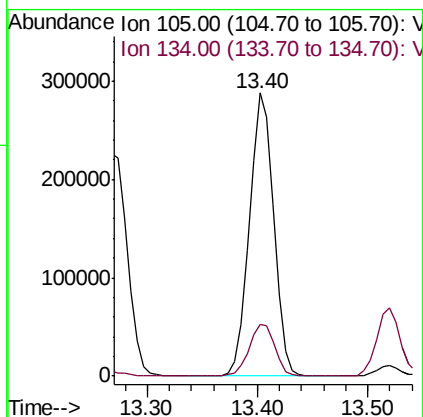
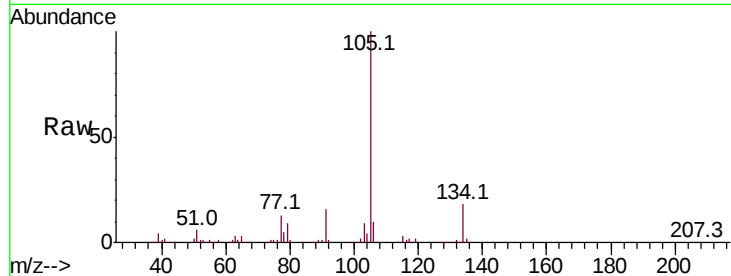




#85
 sec-Butylbenzene
 Concen: 20.889 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

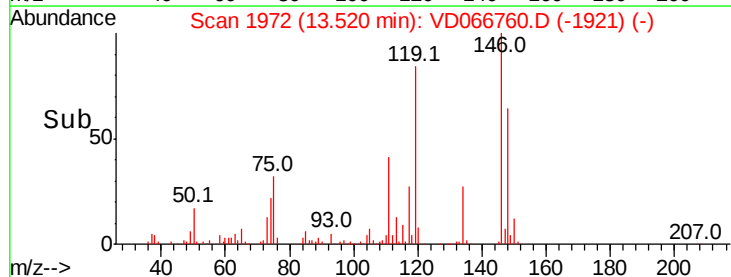
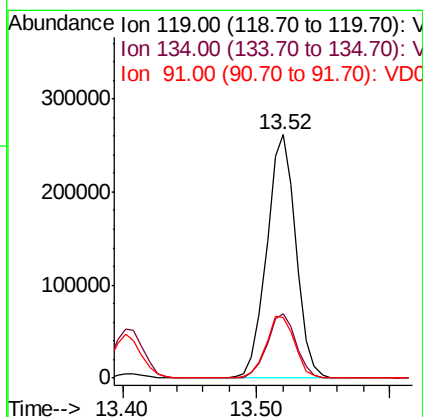
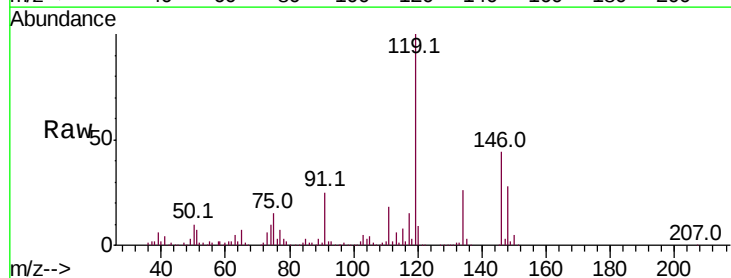
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBSD01

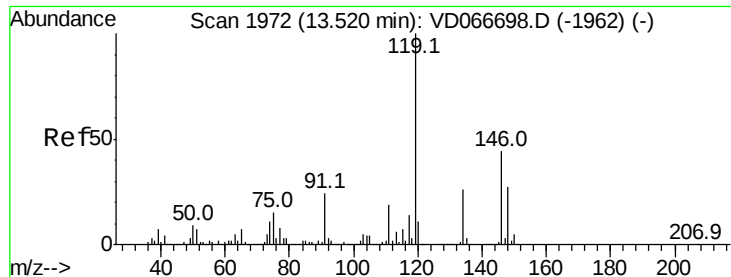
Tot Ion:105 Resp: 445926
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 20.406 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

Tgt Ion:119 Resp: 396038
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 25.4 12.3 36.9

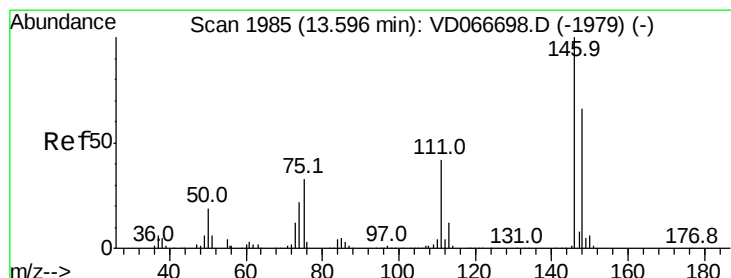
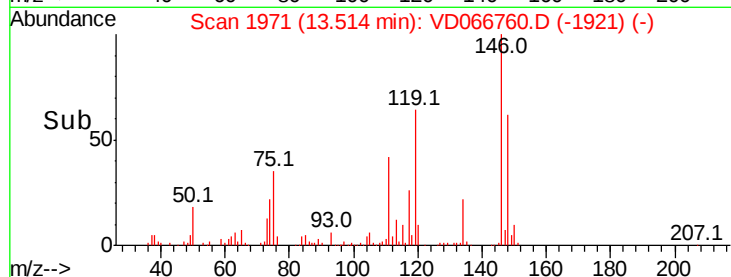
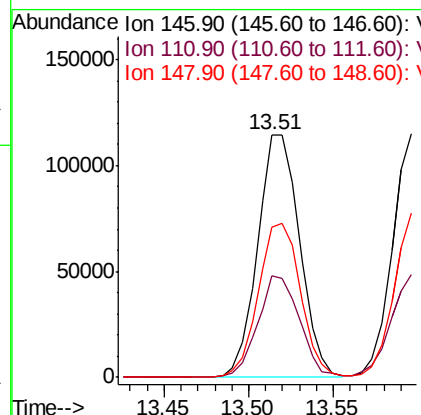
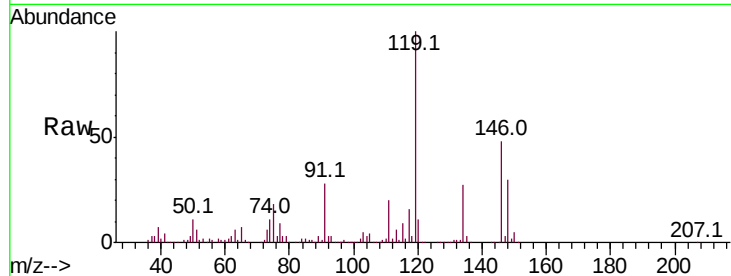




#87
 1,3-Dichlorobenzene
 Concen: 20.876 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

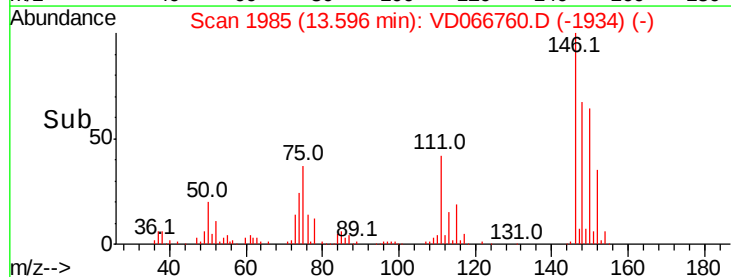
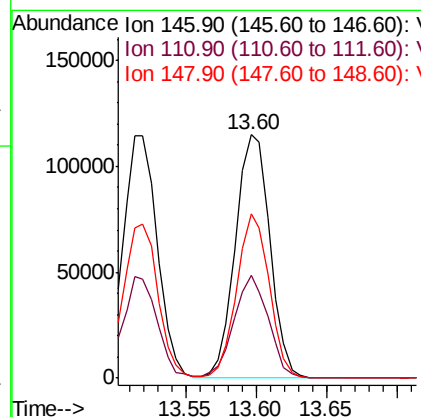
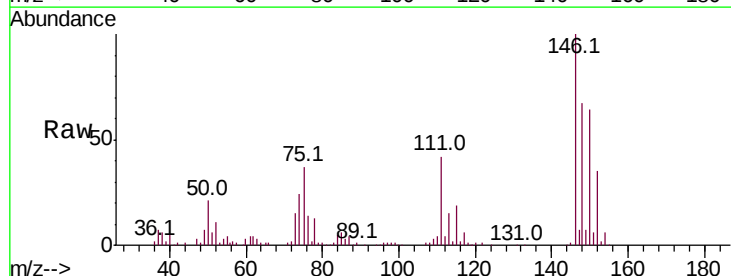
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBS01

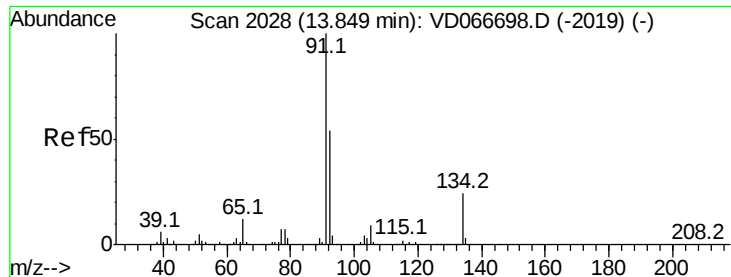
Tot Ion:146 Resp: 197241
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.3
 148 63.7 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 20.852 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

Tgt Ion:146 Resp: 196194
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.5 61.6
 148 64.0 32.7 98.1

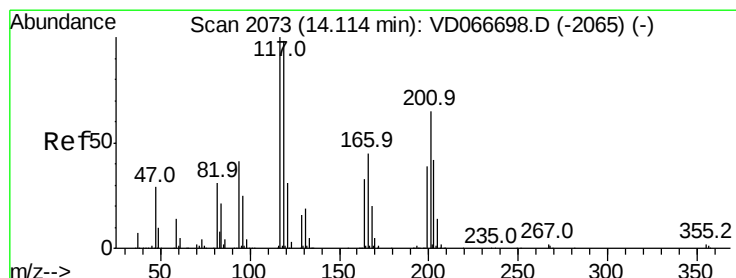
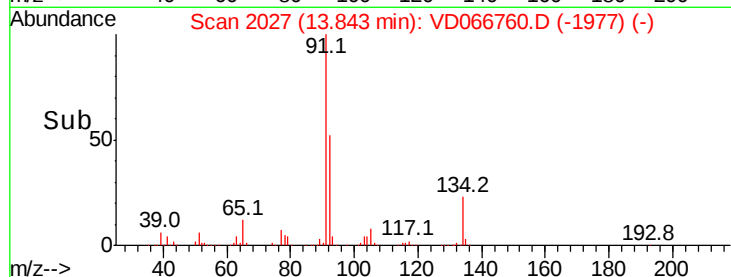
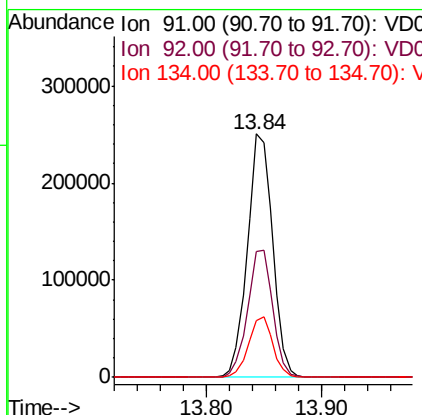
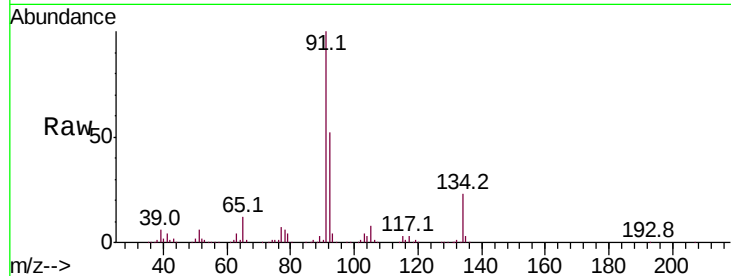




#89
n-Butylbenzene
Concen: 20.676 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

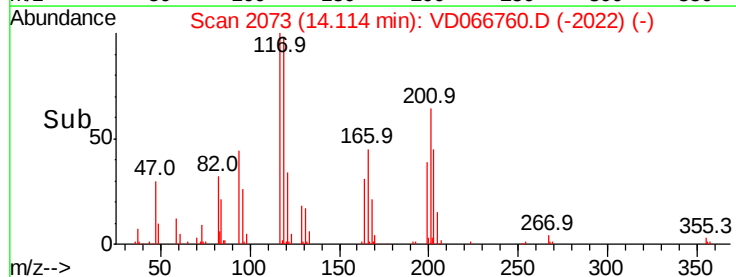
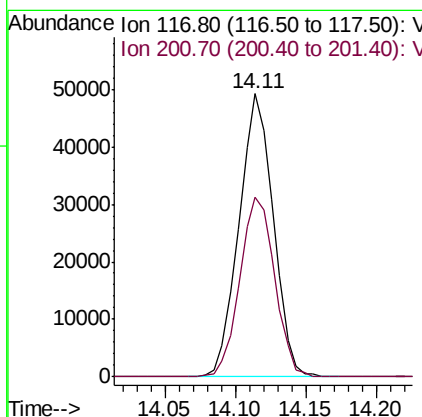
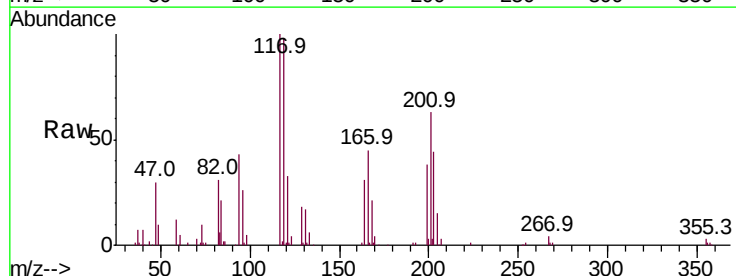
Instrument :
MSVOA_D
ClientSampleId :
VD0918SBS01

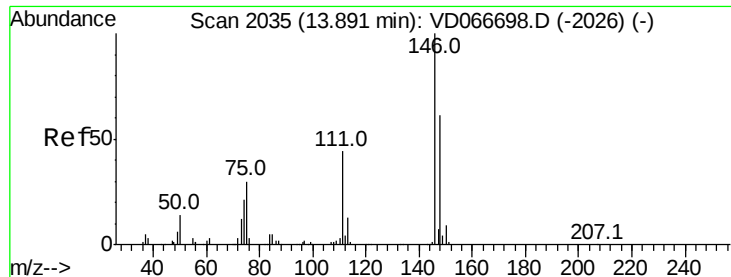
Tot Ion: 91 Resp: 381560
Ion Ratio Lower Upper
91 100
92 51.9 27.0 81.0
134 24.1 12.4 37.0



#90
Hexachloroethane
Concen: 20.988 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

Tgt Ion: 117 Resp: 83678
Ion Ratio Lower Upper
117 100
201 64.4 33.1 99.3





#91

1,2-Dichlorobenzene

Concen: 21.119 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0918SBS01

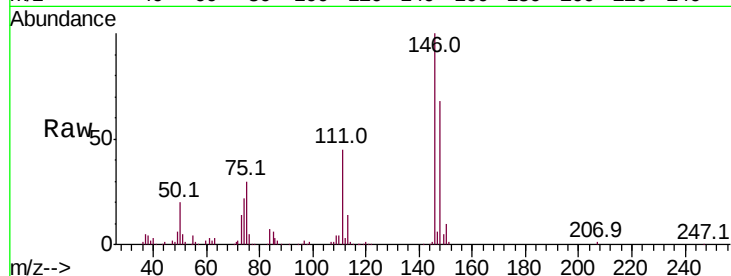
Tot Ion:146 Resp: 170976

Ion Ratio Lower Upper

146 100

111 43.9 21.6 64.6

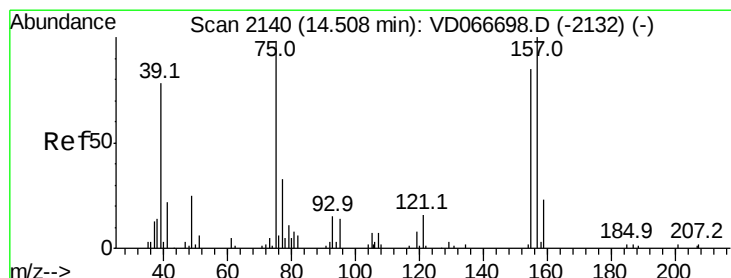
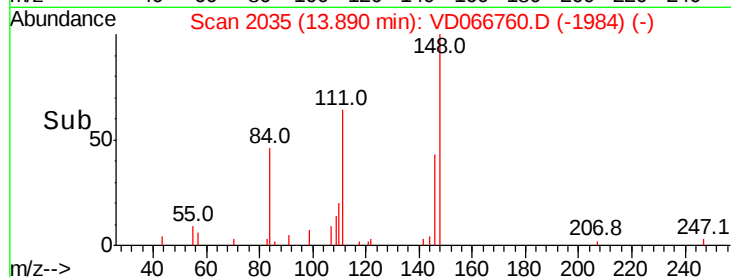
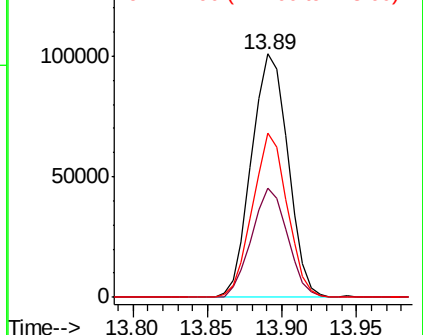
148 64.3 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.486 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VD066760.D

Acq: 18 Sep 2020 12:28

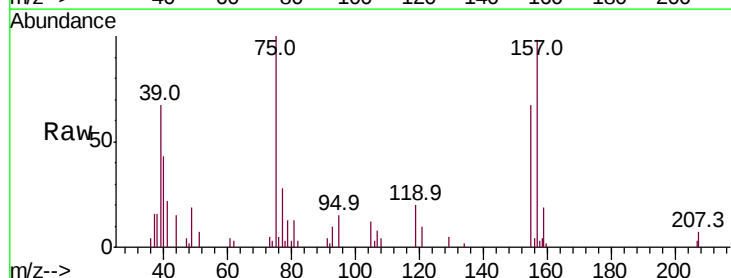
Tgt Ion: 75 Resp: 12024

Ion Ratio Lower Upper

75 100

155 76.3 38.9 116.7

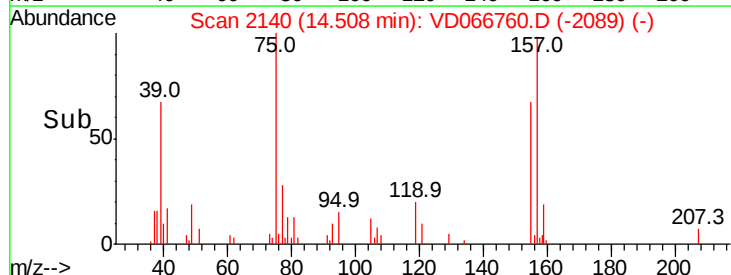
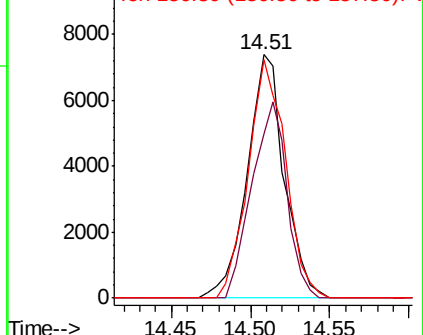
157 98.4 46.4 139.2

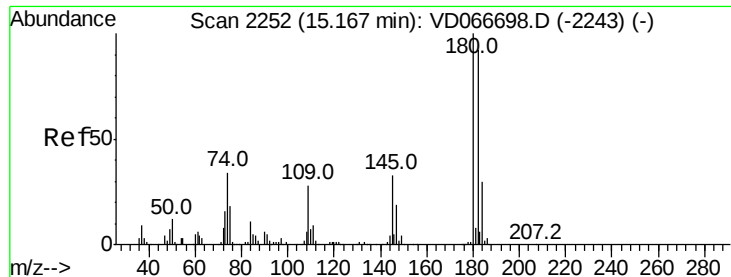


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

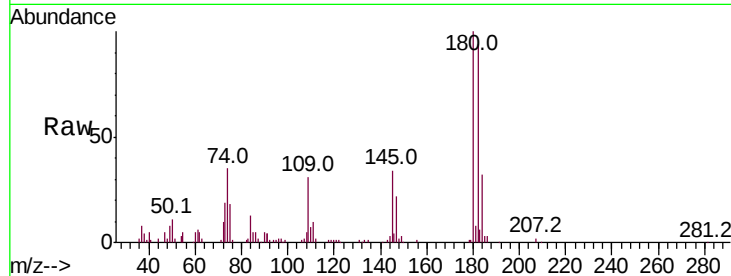




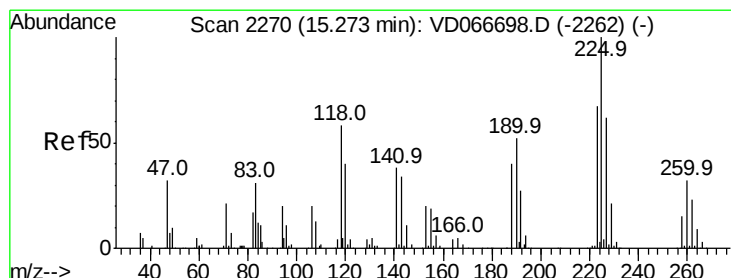
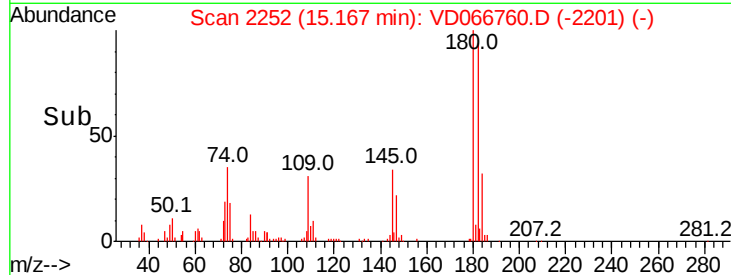
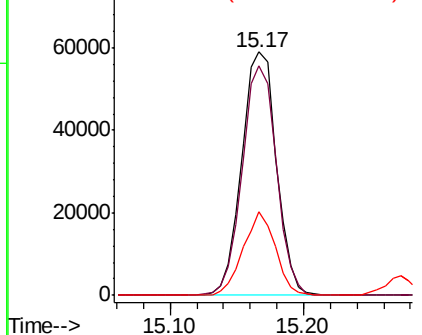
#93
 1,2,4-Trichlorobenzene
 Concen: 21.577 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.6	139.7
145	31.9	16.5	49.5

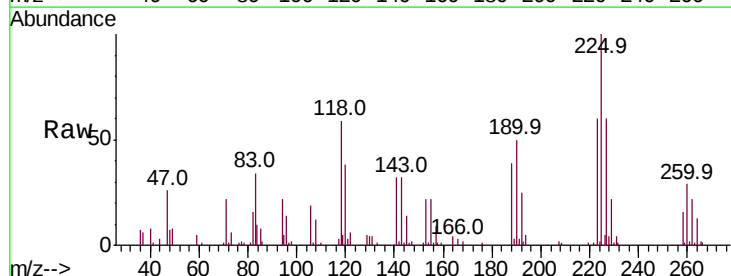


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

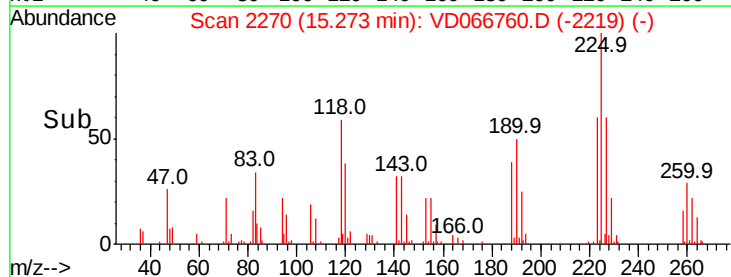
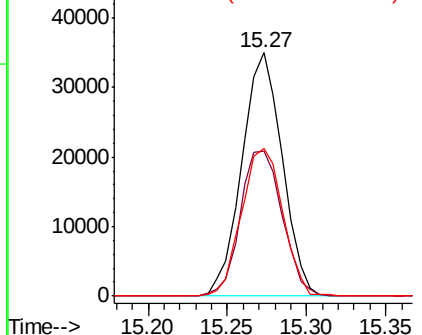


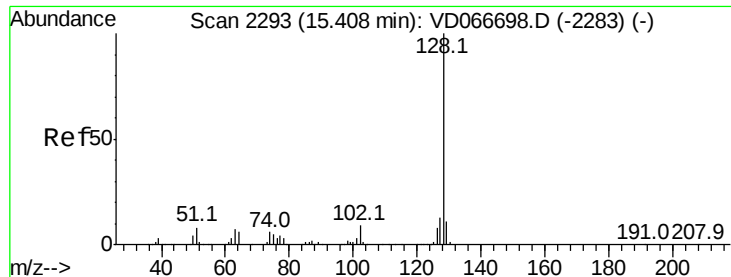
#94
 Hexachlorobutadiene
 Concen: 21.027 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066760.D
 Acq: 18 Sep 2020 12:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.9	95.9
227	61.9	31.3	93.9



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

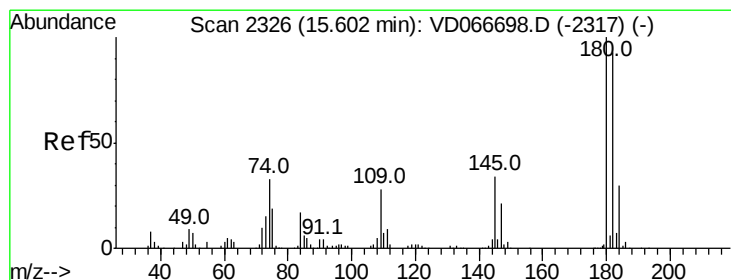
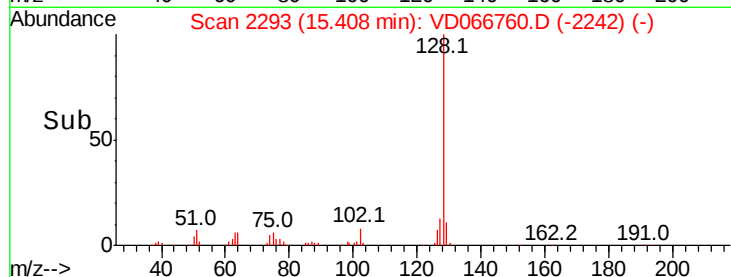
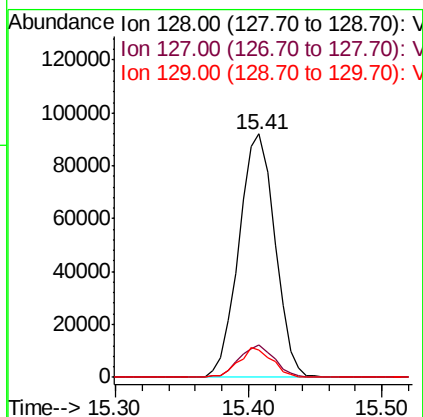
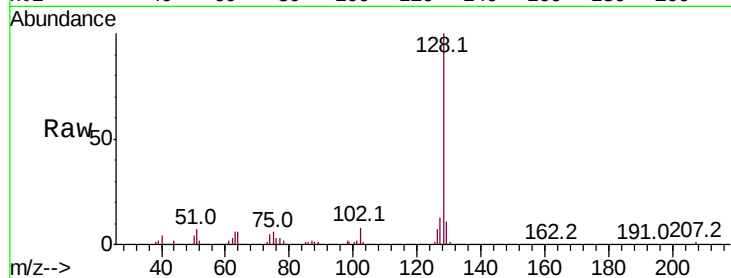




#95
Naphthalene
Concen: 20.122 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0918SBSD01

Tot Ion:128 Resp: 172149
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.312 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066760.D
Acq: 18 Sep 2020 12:28

Tgt Ion:180 Resp: 91152
Ion Ratio Lower Upper
180 100
182 91.8 46.6 139.8
145 32.8 17.1 51.3

