

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065801.D
 Acq On : 18 Jun 2020 12:04
 Operator : VA/SY
 Sample : VD0618SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

Quant Time: Jun 19 01:14:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	208575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	326014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	296390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	149531	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	103792	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
35) Dibromofluoromethane	7.92	113	100350	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
50) Toluene-d8	10.34	98	390180	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.64	95	129831	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	34668	22.546	ug/l	99
3) Chloromethane	2.21	50	57841	21.484	ug/l	96
4) Vinyl Chloride	2.35	62	65695	21.349	ug/l	98
5) Bromomethane	2.76	94	46163	21.451	ug/l	98
6) Chloroethane	2.92	64	43485	20.899	ug/l	99
7) Trichlorofluoromethane	3.27	101	73534	21.091	ug/l	99
8) Diethyl Ether	3.71	74	17456	19.044	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	42760	20.568	ug/l	99
10) Methyl Iodide	4.30	142	39266	19.396	ug/l	98
11) Tert butyl alcohol	5.21	59	14151	101.336	ug/l #	74
12) 1,1-Dichloroethene	4.06	96	40305	21.271	ug/l	95
13) Acrolein	3.93	56	9781	84.492	ug/l	96
14) Allyl chloride	4.71	41	63818	20.378	ug/l	98
15) Acrylonitrile	5.43	53	41387	99.411	ug/l	99
16) Acetone	4.16	43	42084	108.249	ug/l	97
17) Carbon Disulfide	4.41	76	130973	20.595	ug/l	100
18) Methyl Acetate	4.71	43	19549	20.123	ug/l #	52
19) Methyl tert-butyl Ether	5.47	73	83505	19.457	ug/l #	90
20) Methylene Chloride	4.96	84	63731	28.999	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	43994	19.826	ug/l	96
22) Diisopropyl ether	6.36	45	126724	20.027	ug/l	96
23) Vinyl Acetate	6.31	43	359885	100.718	ug/l	98
24) 1,1-Dichloroethane	6.26	63	78644	20.398	ug/l	96
25) 2-Butanone	7.21	43	50451	93.965	ug/l #	90
26) 2,2-Dichloropropane	7.21	77	70299	20.564	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	49517	20.744	ug/l	98
28) Bromochloromethane	7.55	49	30939	20.777	ug/l	97
29) Tetrahydrofuran	7.57	42	32463	95.665	ug/l	97
30) Chloroform	7.71	83	79600	19.919	ug/l	97
31) Cyclohexane	7.98	56	75347	20.385	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	74517	20.279	ug/l	98
36) 1,1-Dichloropropene	8.11	75	63775	20.421	ug/l	98
37) Ethyl Acetate	7.29	43	26297	21.378	ug/l	97
38) Carbon Tetrachloride	8.09	117	67200	20.446	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065801.D
 Acq On : 18 Jun 2020 12:04
 Operator : VA/SY
 Sample : VD0618SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0618SBS01

Quant Time: Jun 19 01:14:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	75072	20.303	ug/l	94
40) Benzene	8.35	78	174370	20.424	ug/l	99
41) Methacrylonitrile	7.53	41	16419	22.416	ug/l	99
42) 1,2-Dichloroethane	8.43	62	50983	19.791	ug/l	99
43) Isopropyl Acetate	8.46	43	46844	19.151	ug/l	100
44) Trichloroethene	9.11	130	47750	20.097	ug/l	94
45) 1,2-Dichloropropane	9.39	63	41660	19.420	ug/l	93
46) Dibromomethane	9.48	93	22799	19.596	ug/l	96
47) Bromodichloromethane	9.67	83	61730	19.800	ug/l	100
48) Methyl methacrylate	9.46	41	24313	20.534	ug/l	94
49) 1,4-Dioxane	9.46	88	4216	340.449	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	117612	98.124	ug/l	96
52) Toluene	10.40	92	112411	20.264	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	54584	19.334	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	68445	20.527	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	31722	20.406	ug/l	94
56) Ethyl methacrylate	10.67	69	35950	19.661	ug/l	99
57) 1,3-Dichloropropane	10.95	76	52663	19.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	88403	103.992	ug/l	100
59) 2-Hexanone	10.98	43	80790	99.977	ug/l	100
60) Dibromochloromethane	11.14	129	40520	19.295	ug/l	99
61) 1,2-Dibromoethane	11.25	107	29879	19.557	ug/l	99
64) Tetrachloroethene	10.88	164	39775	19.846	ug/l	98
65) Chlorobenzene	11.67	112	118402	20.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	42270	19.598	ug/l	96
67) Ethyl Benzene	11.75	91	213061	20.612	ug/l	97
68) m/p-Xylenes	11.86	106	158478	39.803	ug/l	96
69) o-Xylene	12.18	106	71009	19.780	ug/l	96
70) Styrene	12.20	104	124039	19.959	ug/l	98
71) Bromoform	12.37	173	22813	19.208	ug/l #	100
73) Isopropylbenzene	12.48	105	200950	20.044	ug/l	100
74) N-amyl acetate	12.29	43	43768	19.623	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	34605	20.438	ug/l	95
76) 1,2,3-Trichloropropane	12.79	75	24342m	20.932	ug/l	
77) Bromobenzene	12.76	156	47551	20.046	ug/l	98
78) n-propylbenzene	12.83	91	245886	20.375	ug/l	99
79) 2-Chlorotoluene	12.91	91	134797	20.361	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	167033	20.021	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	10427	19.373	ug/l	99
82) 4-Chlorotoluene	13.01	91	144759	20.372	ug/l	98
83) tert-Butylbenzene	13.23	119	138943	19.194	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	171029	20.481	ug/l	97
85) sec-Butylbenzene	13.41	105	205288	20.377	ug/l	100
86) p-Isopropyltoluene	13.52	119	187715	20.329	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	93307	19.950	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	92629	19.910	ug/l	96
89) n-Butylbenzene	13.85	91	178080	20.221	ug/l	99
90) Hexachloroethane	14.12	117	37528	20.304	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	79317	19.705	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5470	19.412	ug/l	91

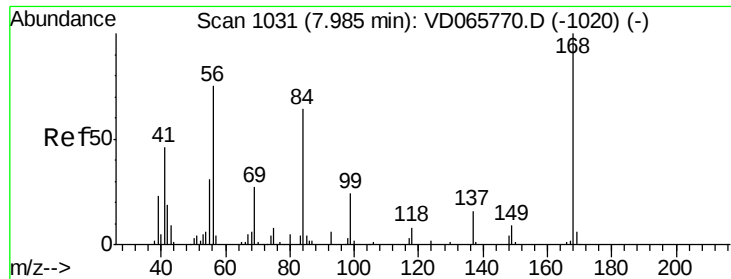
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061820\
Data File : VD065801.D
Acq On : 18 Jun 2020 12:04
Operator : VA/SY
Sample : VD0618SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

Quant Time: Jun 19 01:14:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	52742	19.271	ug/l	99
94) Hexachlorobutadiene	15.27	225	31425	18.994	ug/l	99
95) Naphthalene	15.41	128	85704	18.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	44154	18.732	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. -0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

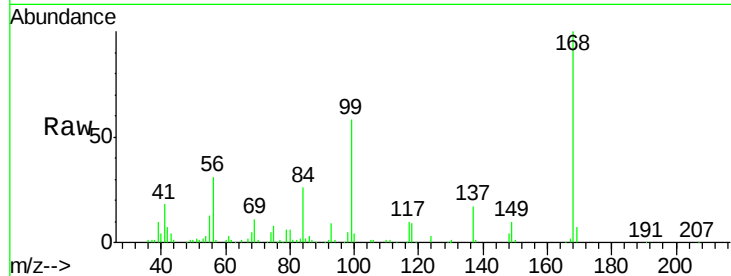
VD0618SBSD01

Tot Ion:168 Resp: 208575

Ion Ratio Lower Upper

168 100

99 57.9 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

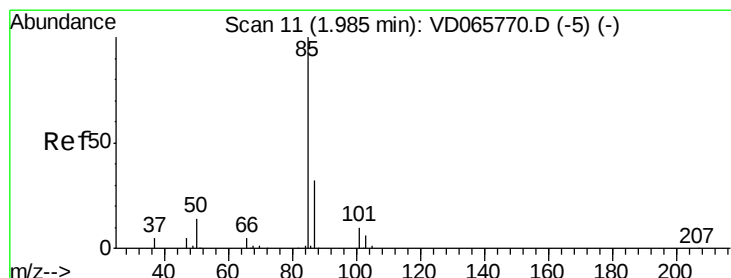
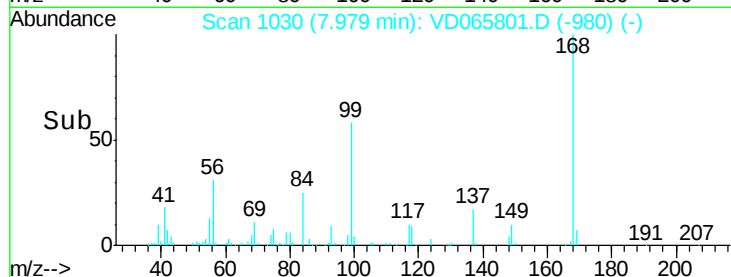
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.546 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065801.D

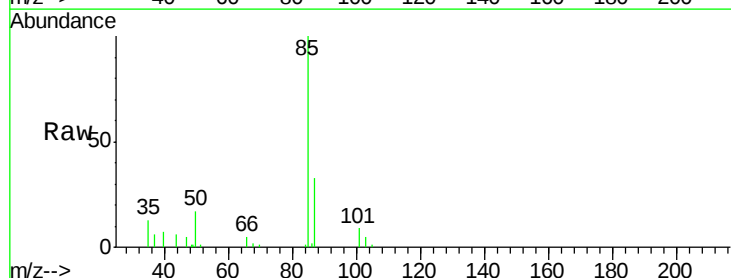
Acq: 18 Jun 2020 12:04

Tgt Ion: 85 Resp: 34668

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

25000

20000

15000

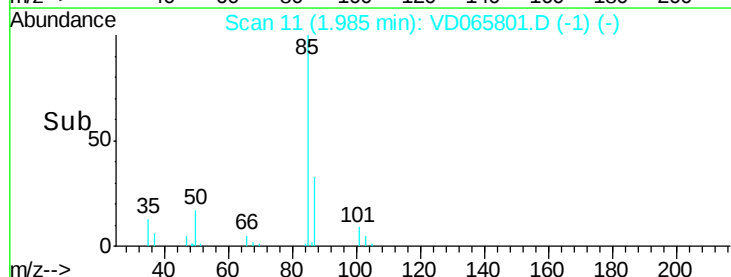
10000

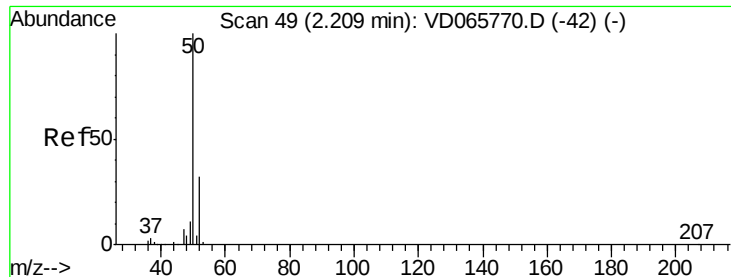
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.484 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

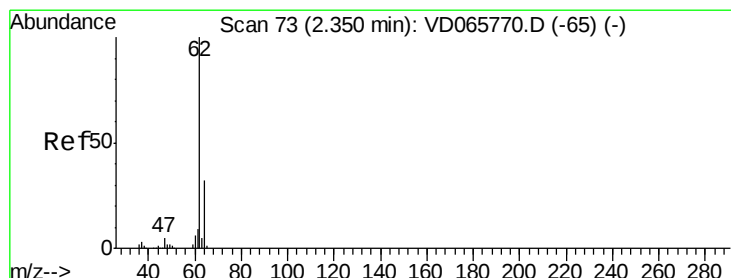
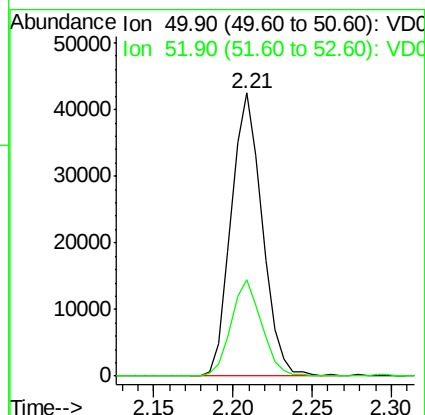
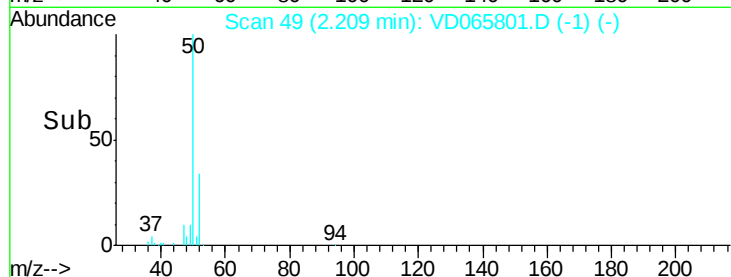
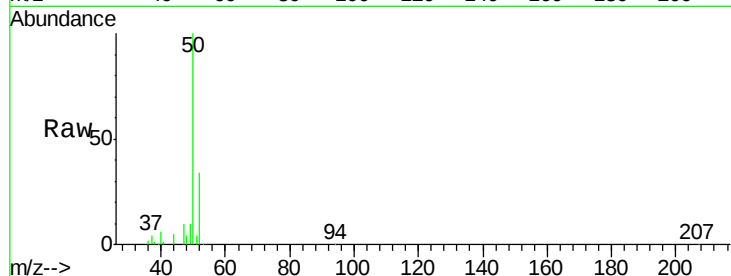
VD0618SBS01

Tot Ion: 50 Resp: 57841

Ion Ratio Lower Upper

50 100

52 34.1 25.6 38.4



#4

Vinyl Chloride

Concen: 21.349 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065801.D

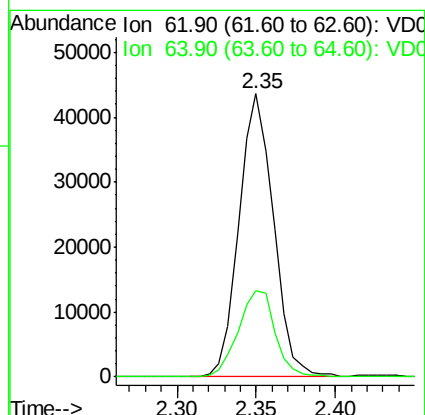
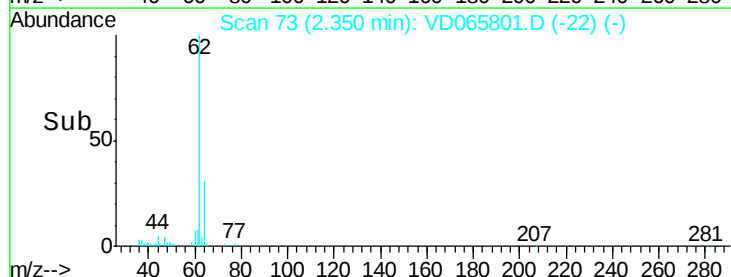
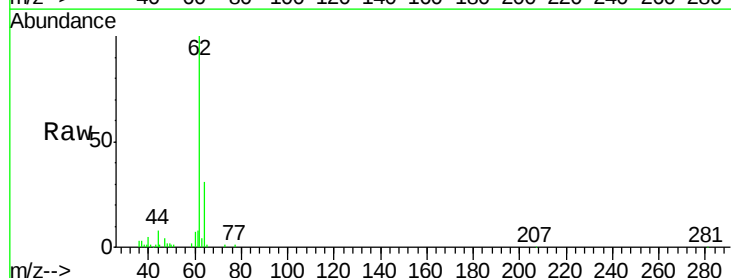
Acq: 18 Jun 2020 12:04

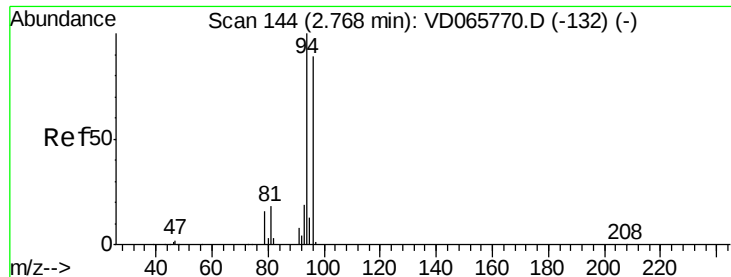
Tgt Ion: 62 Resp: 65695

Ion Ratio Lower Upper

62 100

64 30.5 25.3 37.9





#5

Bromomethane

Concen: 21.451 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

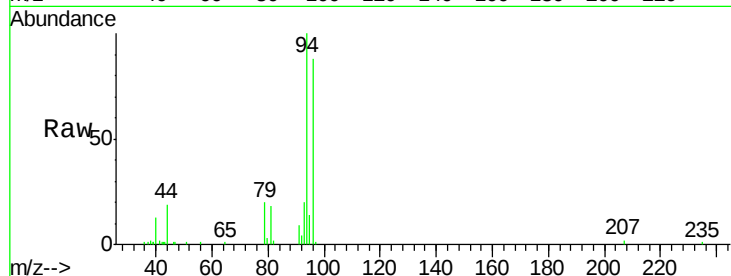
VD0618SBSD01

Tot Ion: 94 Resp: 46163

Ion Ratio Lower Upper

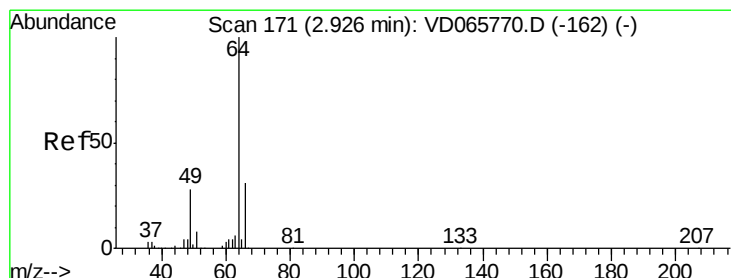
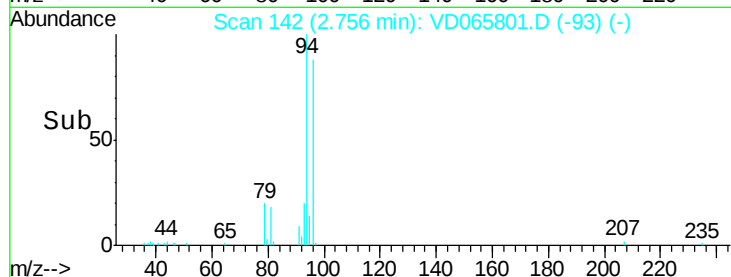
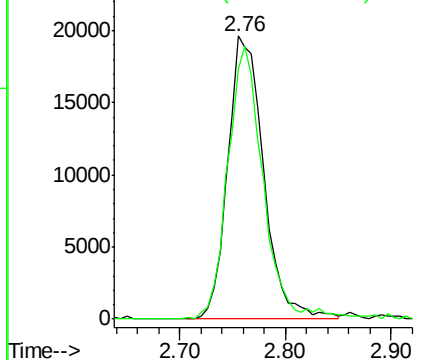
94 100

96 87.3 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.899 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065801.D

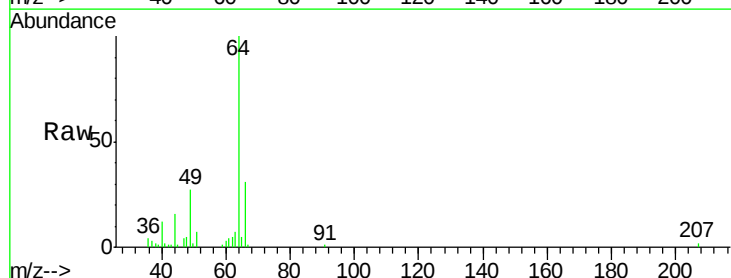
Acq: 18 Jun 2020 12:04

Tgt Ion: 64 Resp: 43485

Ion Ratio Lower Upper

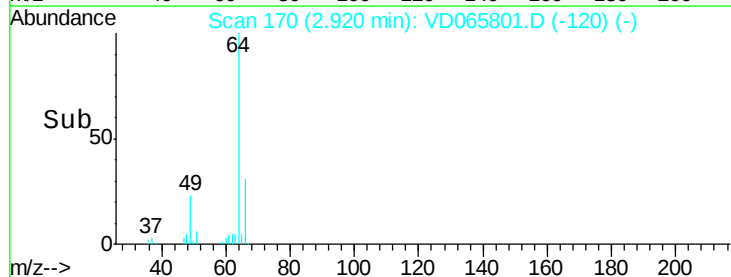
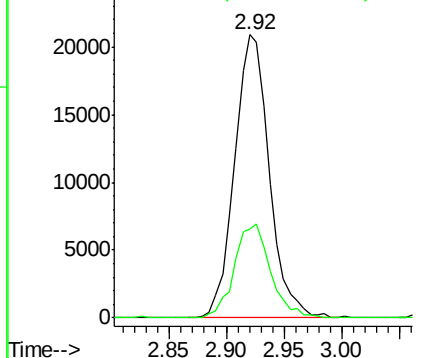
64 100

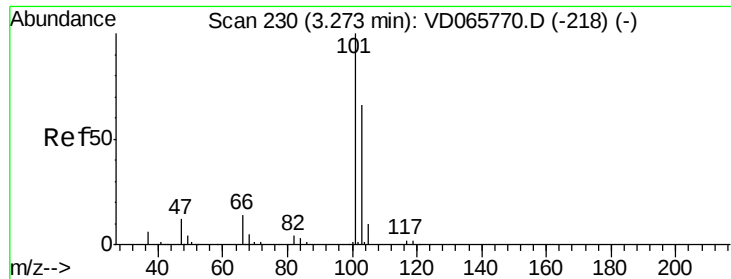
66 31.3 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



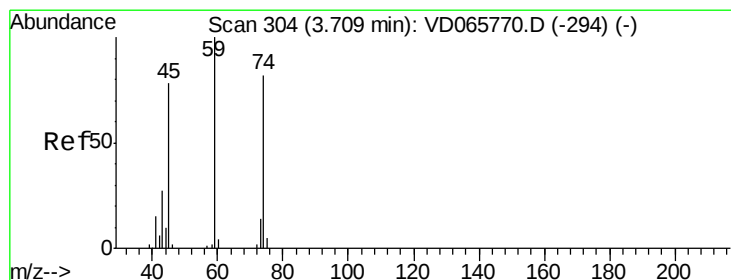
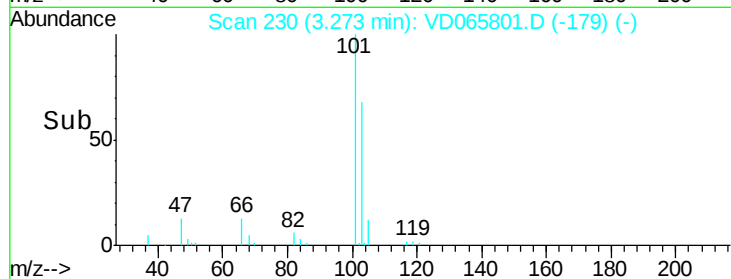
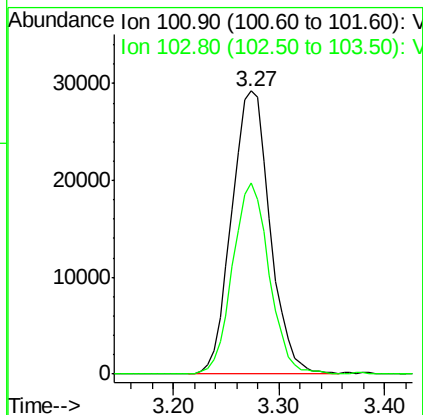
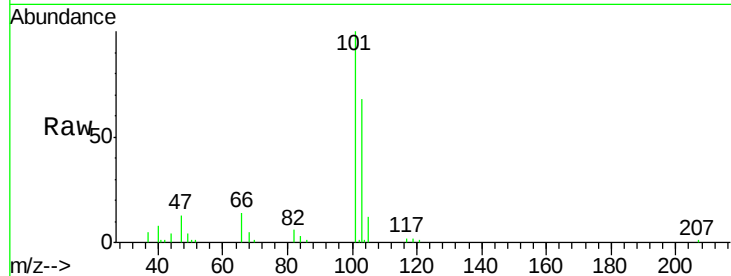


#7

Trichlorofluoromethane
 Concen: 21.091 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

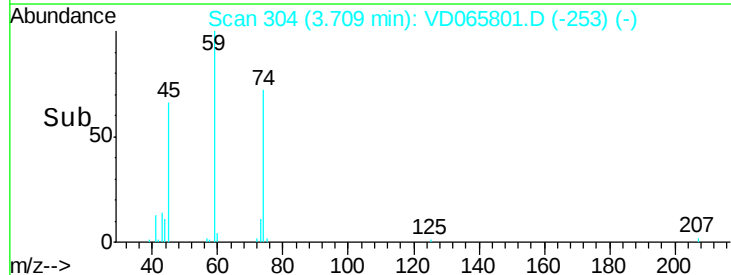
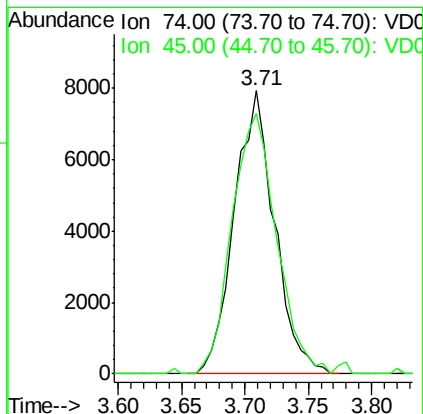
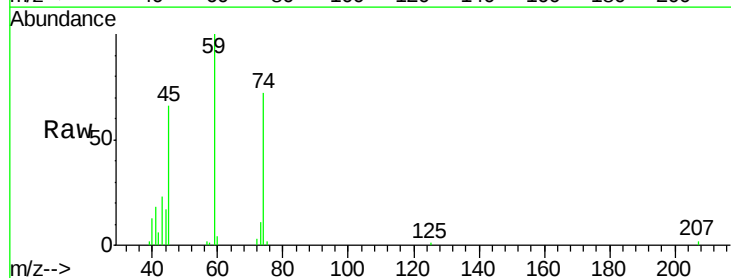
Tot Ion:101 Resp: 73534
 Ion Ratio Lower Upper
 101 100
 103 67.5 53.1 79.7

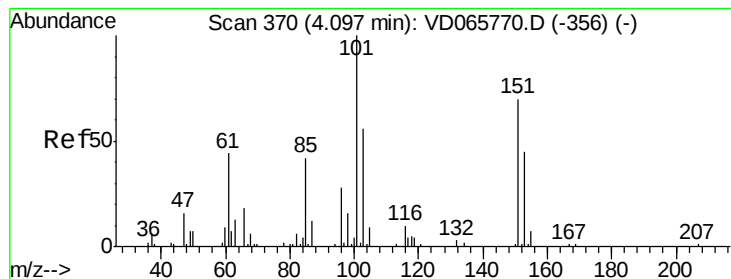


#8

Diethyl Ether
 Concen: 19.044 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

Tgt Ion: 74 Resp: 17456
 Ion Ratio Lower Upper
 74 100
 45 101.7 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.568 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

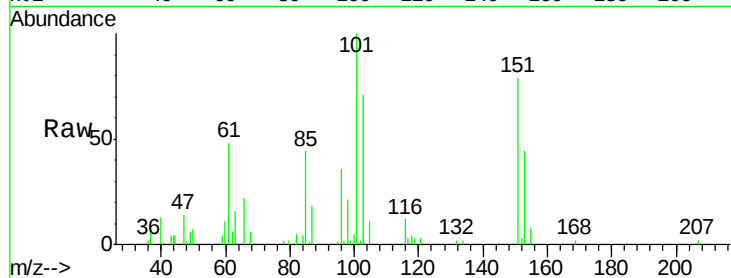
Tot Ion:101 Resp: 42760

Ion Ratio Lower Upper

101 100

85 45.8 36.5 54.7

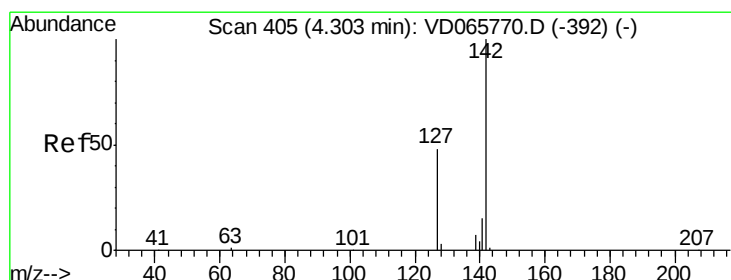
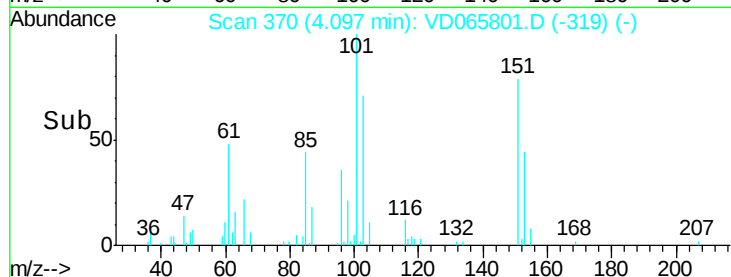
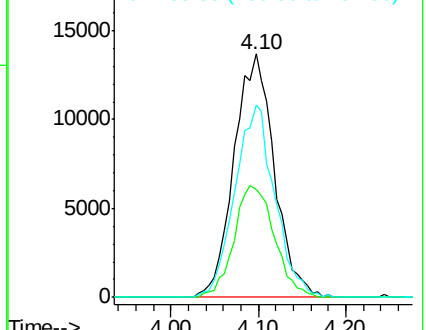
151 78.5 61.8 92.6



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: 19.396 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

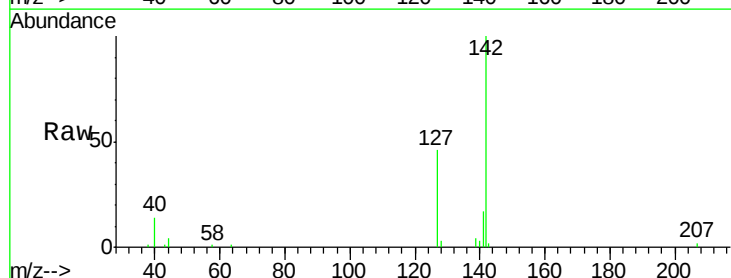
Tgt Ion:142 Resp: 39266

Ion Ratio Lower Upper

142 100

127 45.7 37.6 56.4

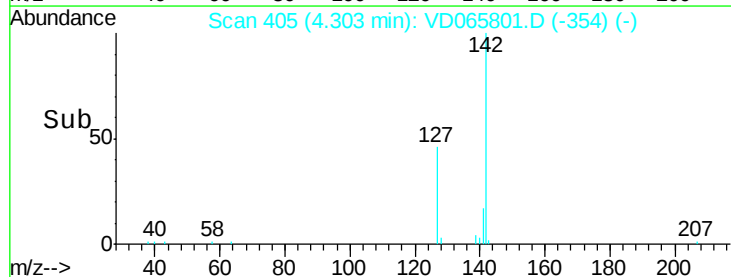
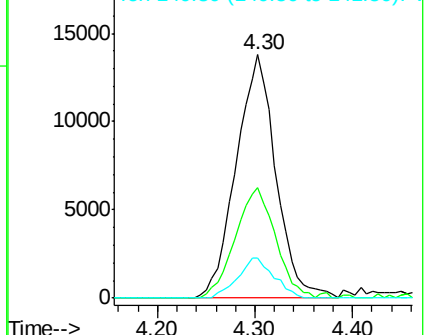
141 14.9 12.1 18.1

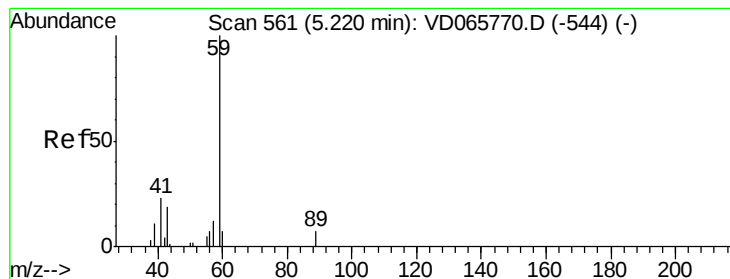


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 101.336 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

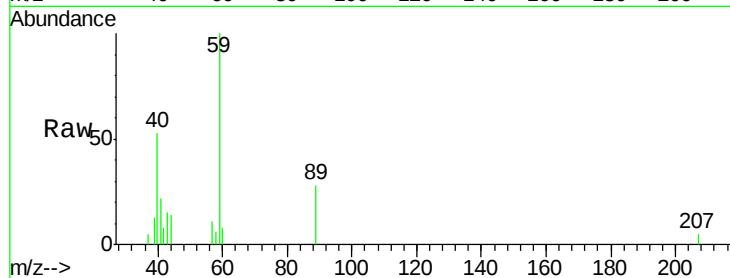
VD0618SBS01

Tot Ion: 59 Resp: 14151

Ion Ratio Lower Upper

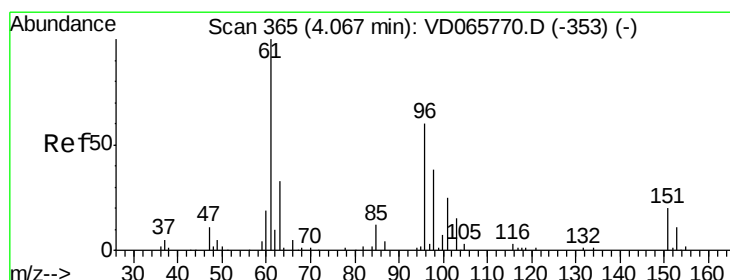
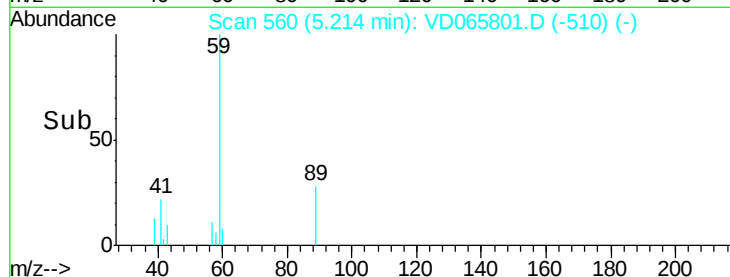
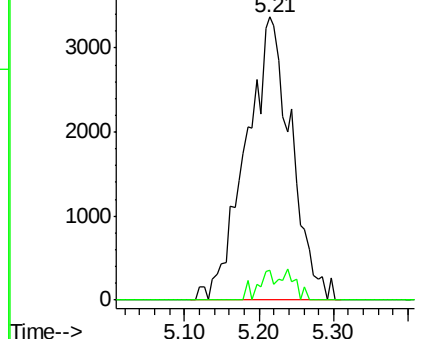
59 100

57 0.0 7.5 11.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 21.271 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

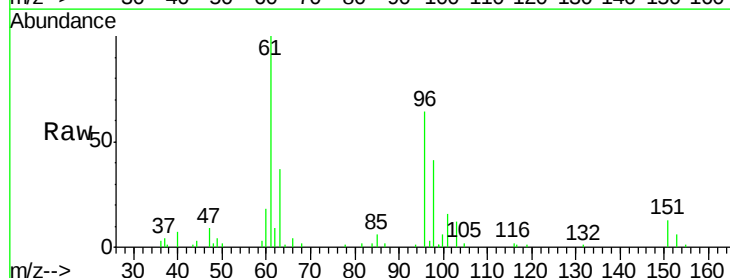
Tgt Ion: 96 Resp: 40305

Ion Ratio Lower Upper

96 100

61 155.5 132.3 198.5

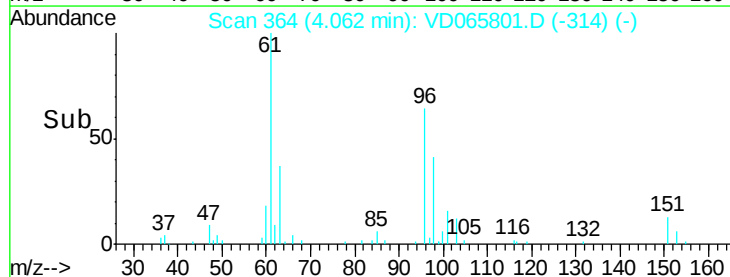
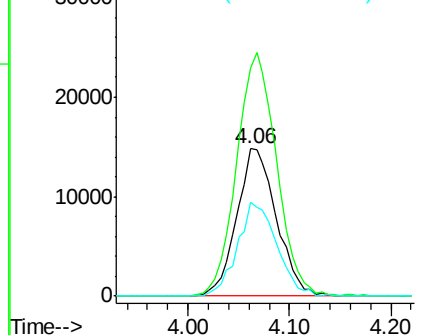
98 63.5 50.7 76.1



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: 84.492 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

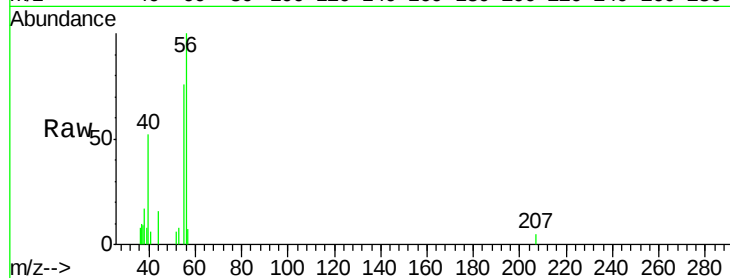
VD0618SBS01

Tot Ion: 56 Resp: 9781

Ion Ratio Lower Upper

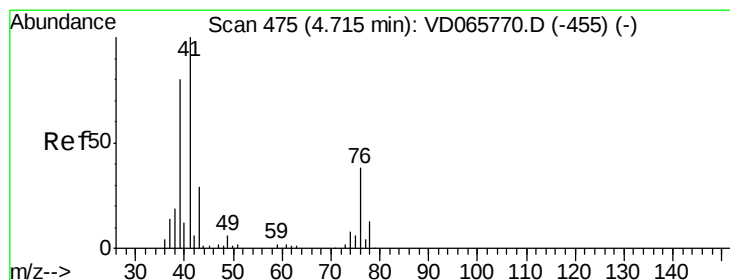
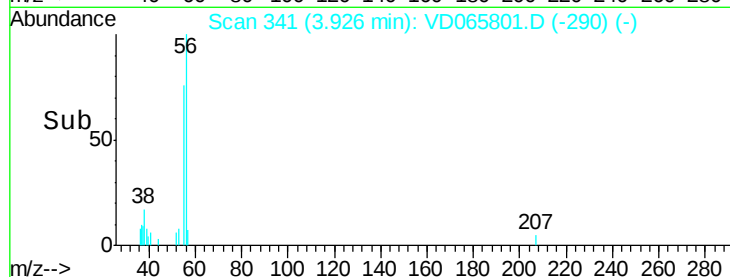
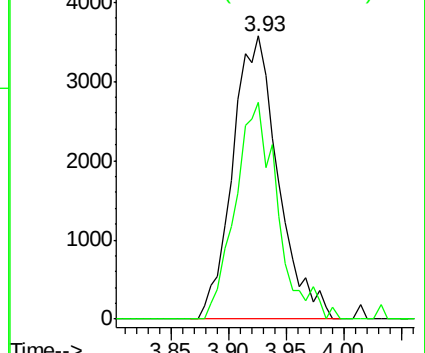
56 100

55 71.5 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.378 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

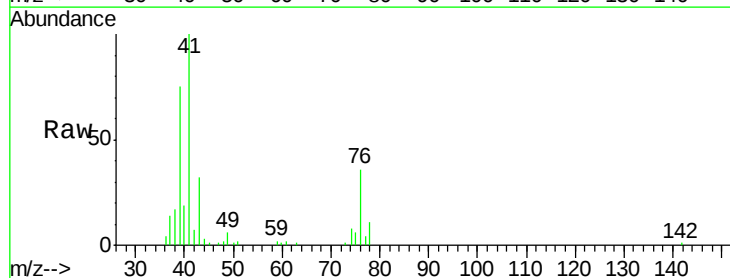
Tgt Ion: 41 Resp: 63818

Ion Ratio Lower Upper

41 100

39 78.8 60.9 91.3

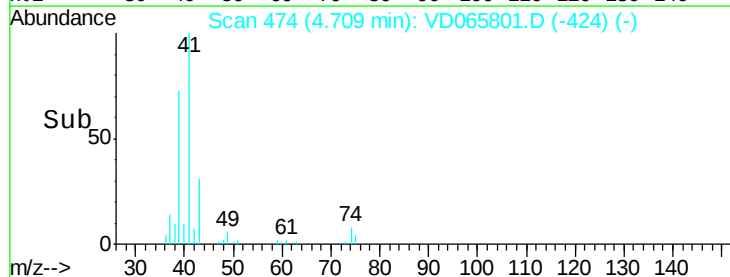
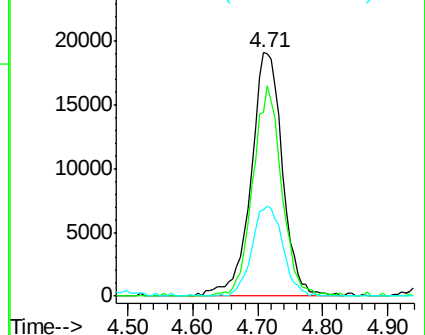
76 36.2 28.9 43.3

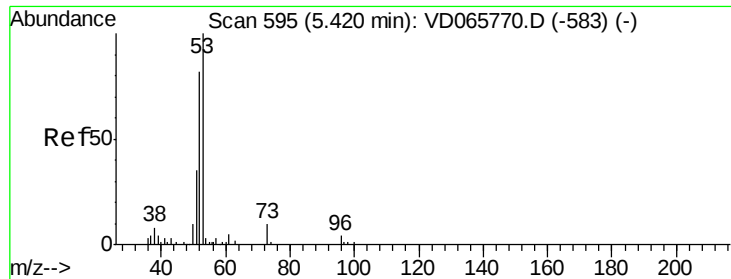


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 99.411 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

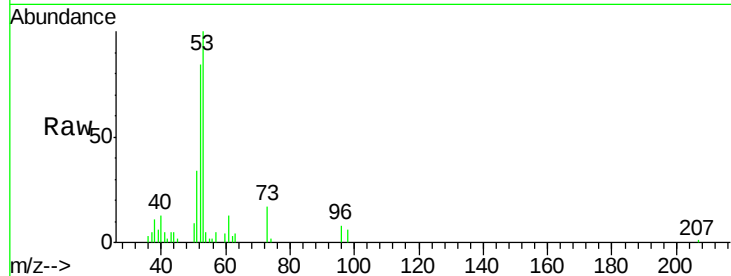
Tot Ion: 53 Resp: 41387

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

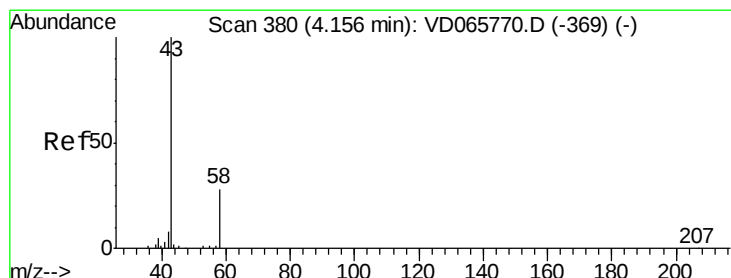
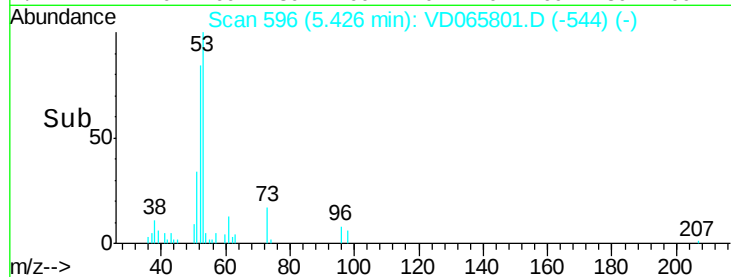
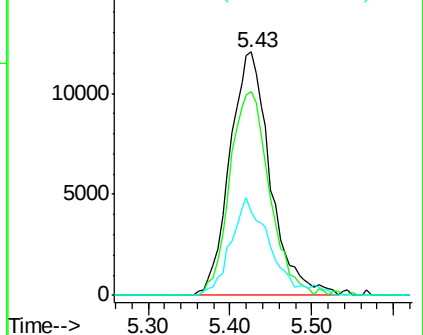
51 38.1 30.7 46.1



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: 108.249 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065801.D

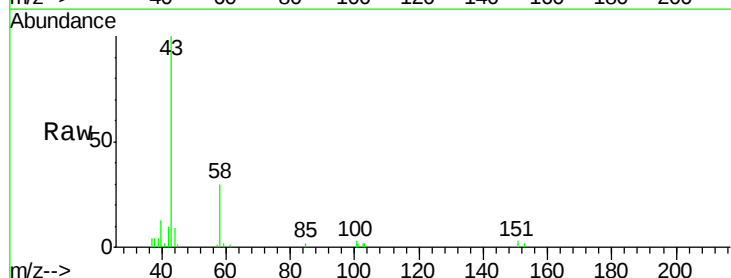
Acq: 18 Jun 2020 12:04

Tgt Ion: 43 Resp: 42084

Ion Ratio Lower Upper

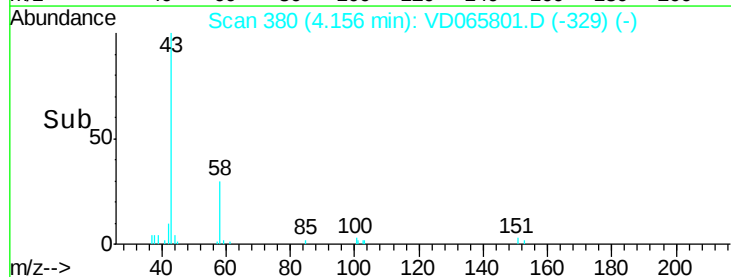
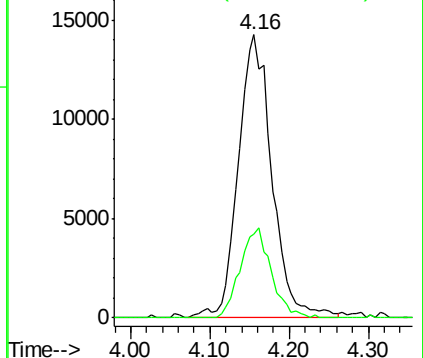
43 100

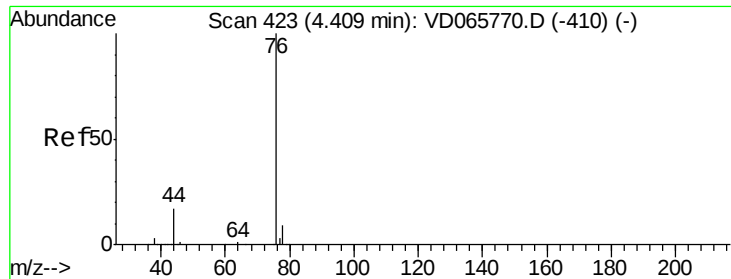
58 29.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 20.595 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

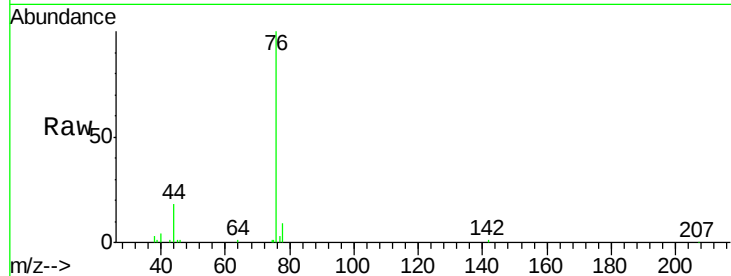
VD0618SBSD01

Tot Ion: 76 Resp: 130973

Ion Ratio Lower Upper

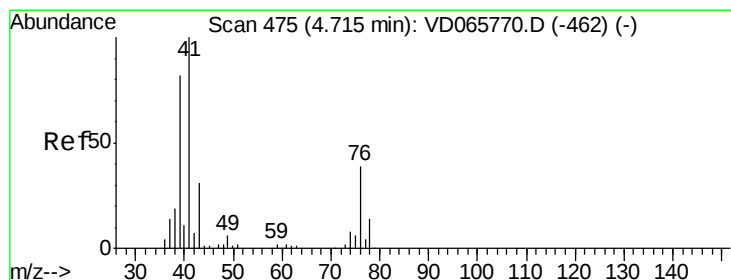
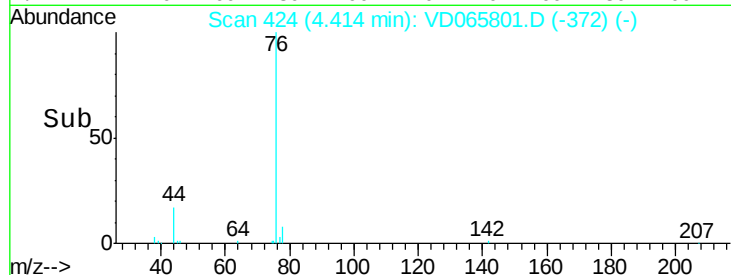
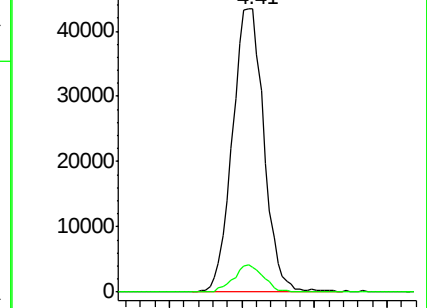
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 20.123 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065801.D

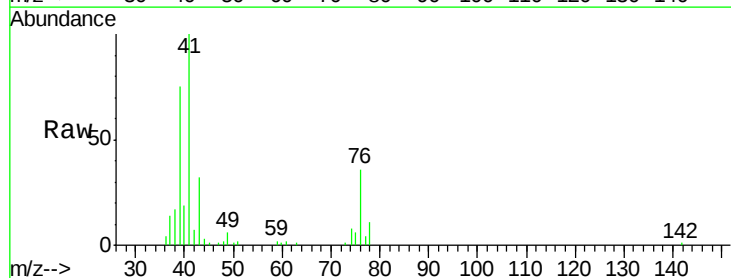
Acq: 18 Jun 2020 12:04

Tgt Ion: 43 Resp: 19549

Ion Ratio Lower Upper

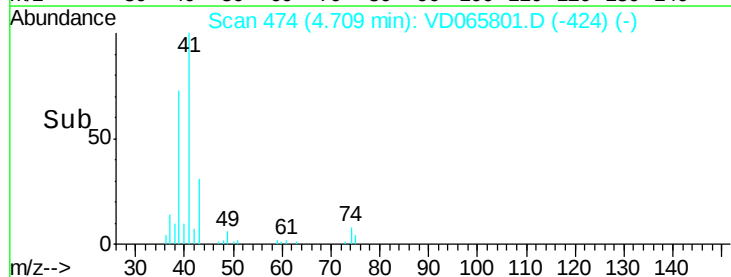
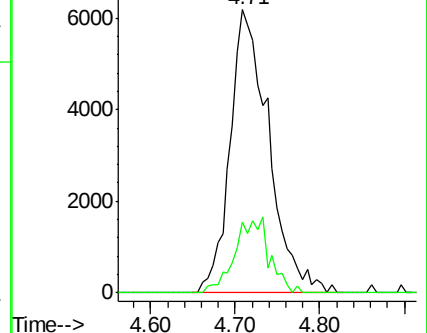
43 100

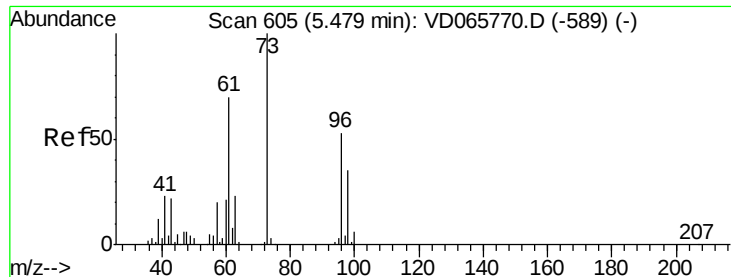
74 0.0 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

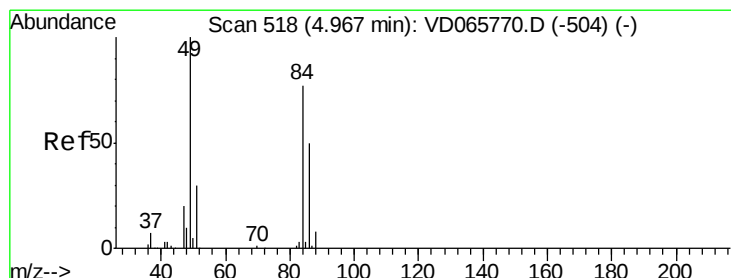
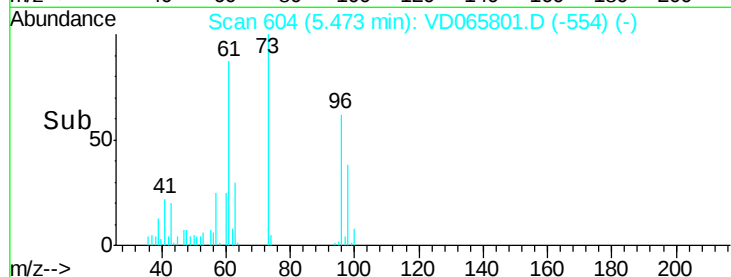
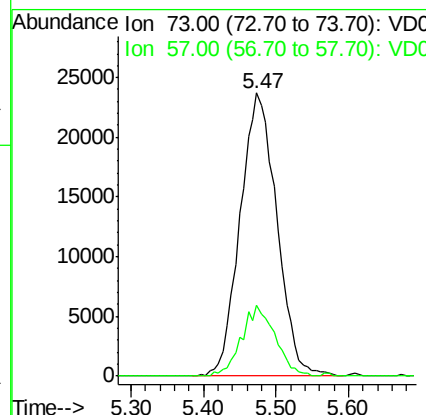
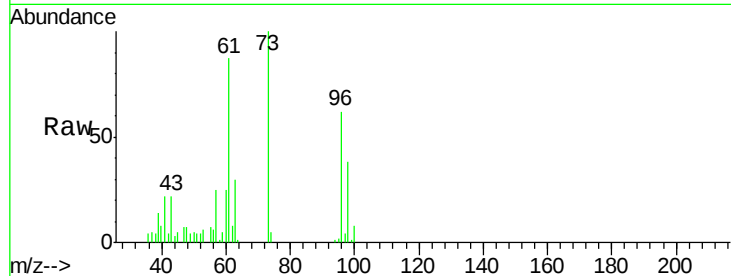




#19
Methyl tert-butyl Ether
Concen: 19.457 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

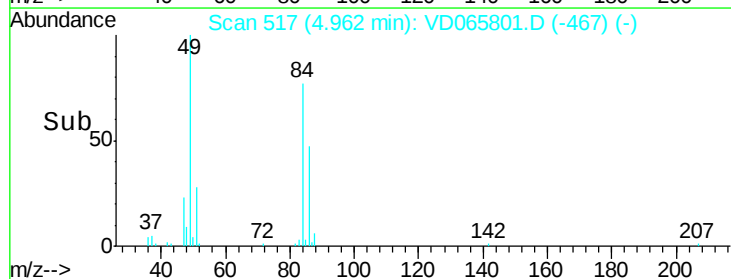
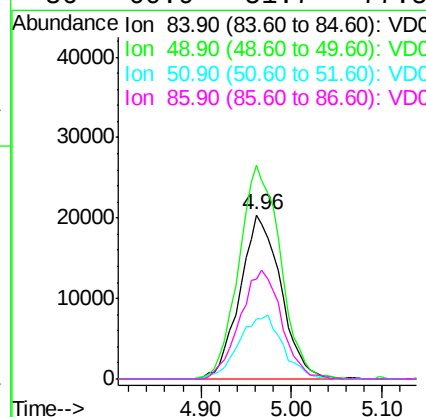
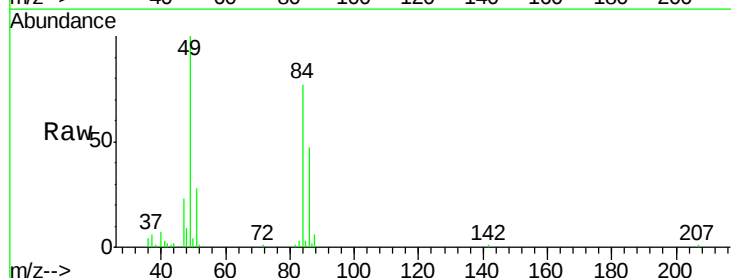
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

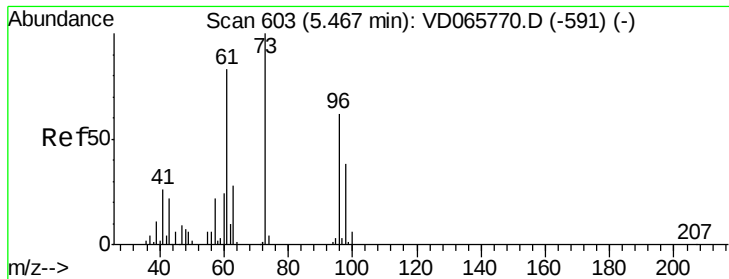
Tot Ion: 73 Resp: 83505
Ion Ratio Lower Upper
73 100
57 24.9 16.2 24.2#



#20
Methylene Chloride
Concen: 28.999 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 84 Resp: 63731
Ion Ratio Lower Upper
84 100
49 130.1 103.4 155.0
51 36.6 31.4 47.2
86 60.9 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 19.826 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

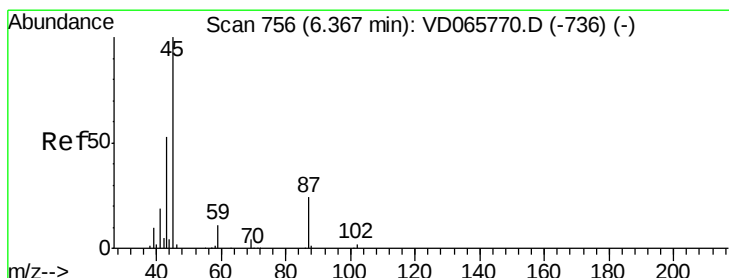
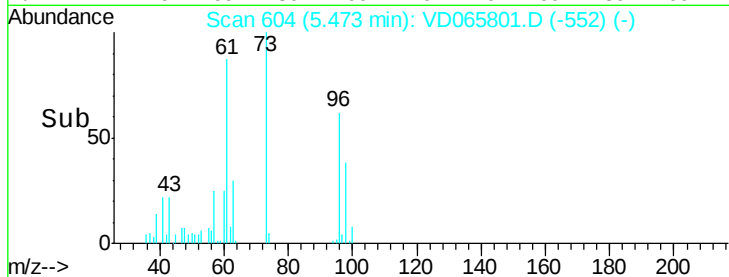
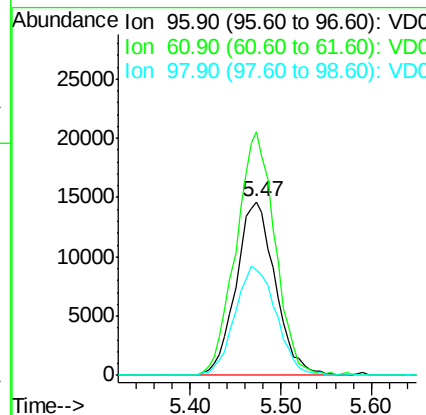
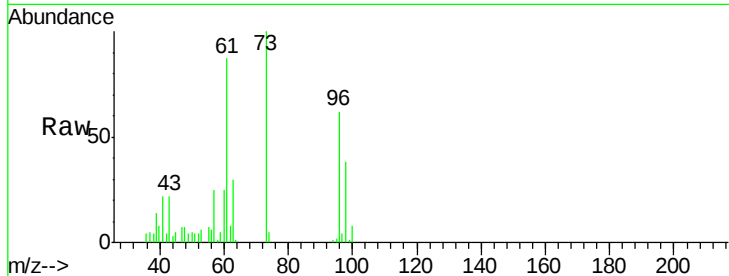
Tot Ion: 96 Resp: 43994

Ion Ratio Lower Upper

96 100

61 140.4 107.7 161.5

98 61.0 49.3 73.9



#22

Diisopropyl ether

Concen: 20.027 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Tgt Ion: 45 Resp: 126724

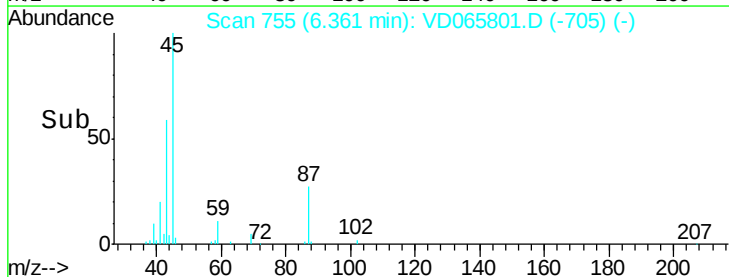
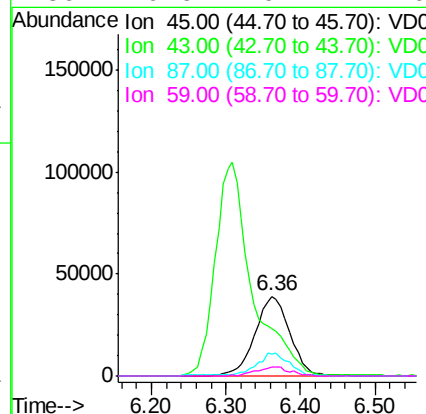
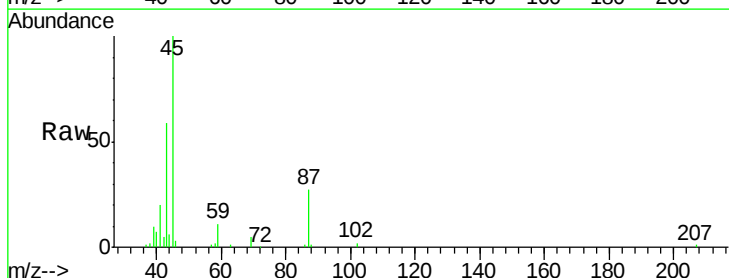
Ion Ratio Lower Upper

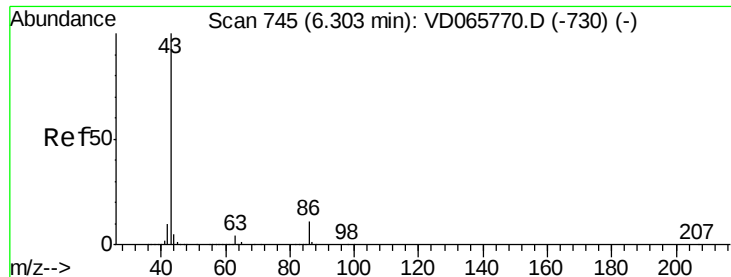
45 100

43 57.8 43.4 65.0

87 26.8 20.2 30.4

59 10.6 9.4 14.0





#23

Vinyl Acetate

Concen: 100.718 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

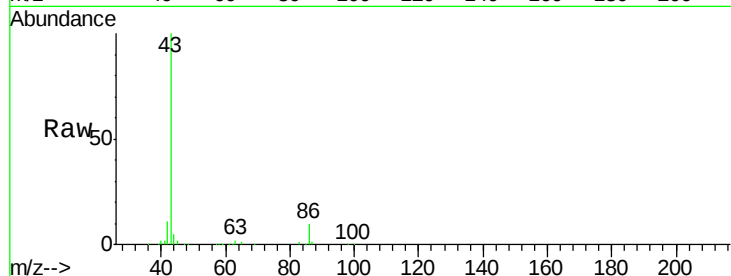
VD0618SBS01

Tot Ion: 43 Resp: 359885

Ion Ratio Lower Upper

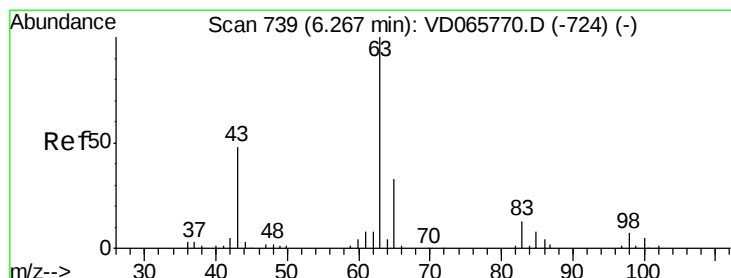
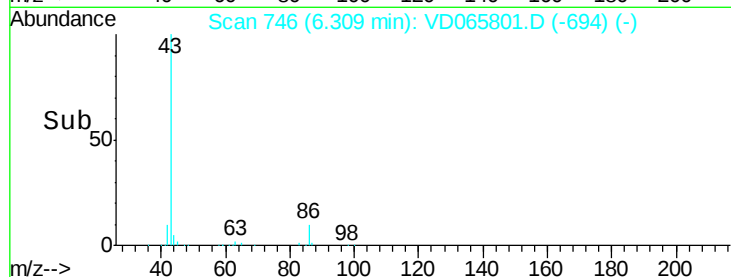
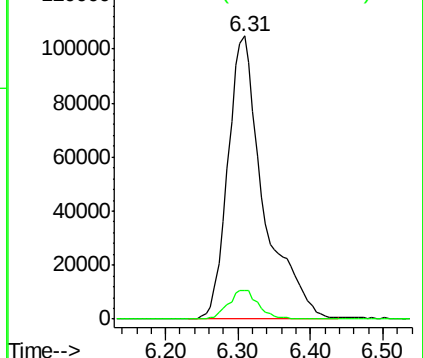
43 100

86 10.0 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.398 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

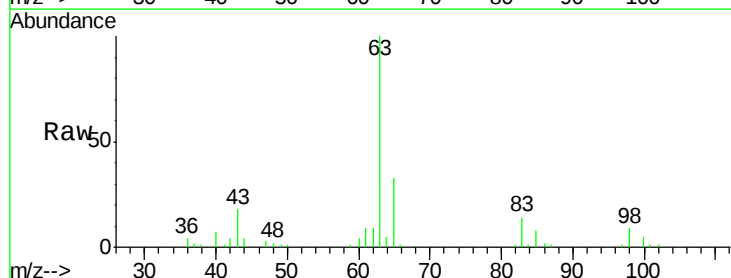
Tgt Ion: 63 Resp: 78644

Ion Ratio Lower Upper

63 100

98 9.2 3.5 10.5

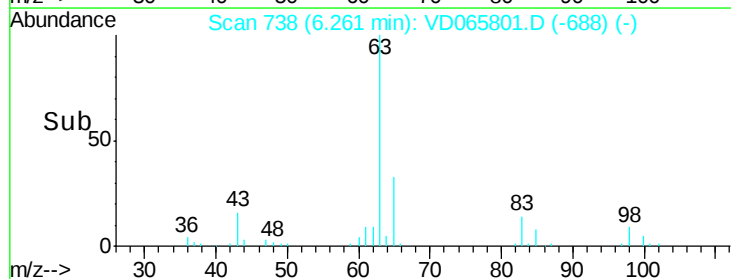
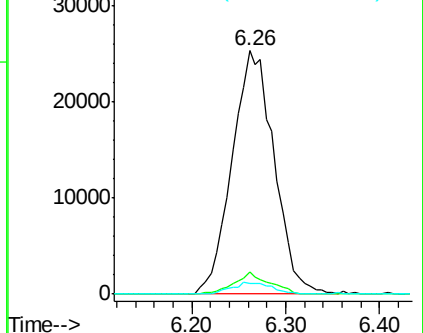
100 4.6 2.3 6.9

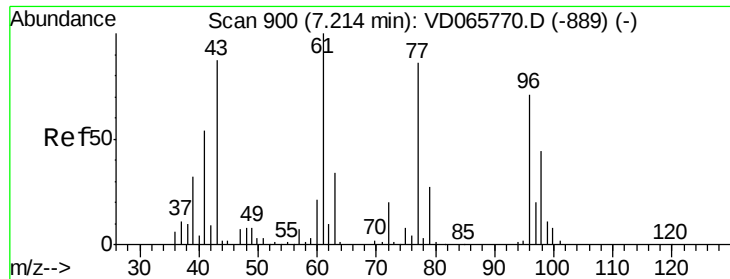


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 93.965 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

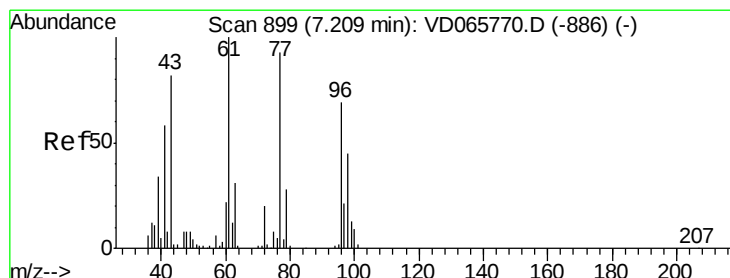
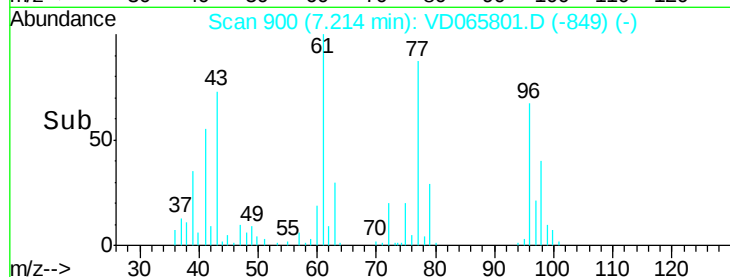
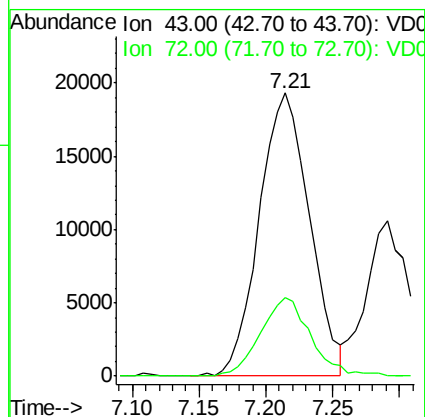
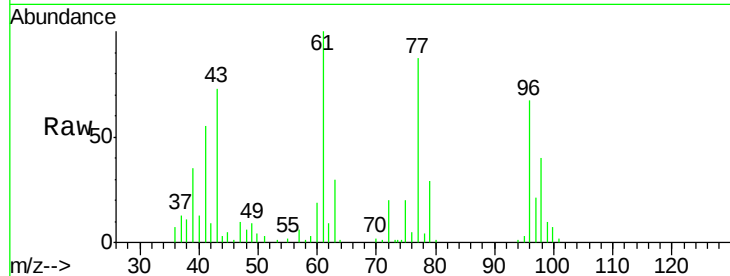
VD0618SBSD01

Tot Ion: 43 Resp: 50451

Ion Ratio Lower Upper

43 100

72 27.8 18.5 27.7#



#26

2,2-Dichloropropane

Concen: 20.564 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065801.D

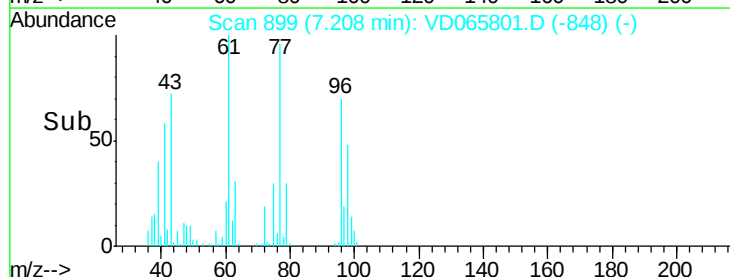
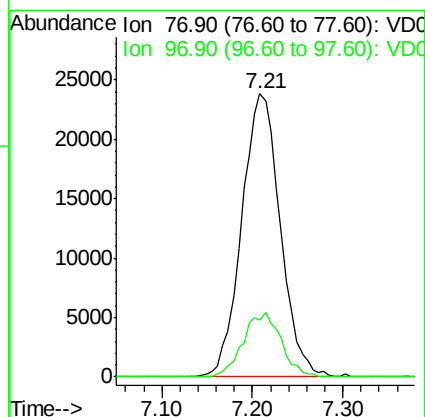
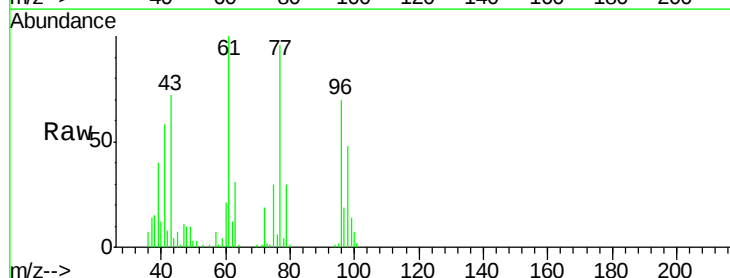
Acq: 18 Jun 2020 12:04

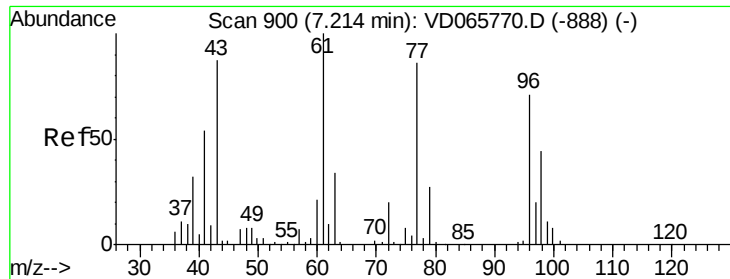
Tgt Ion: 77 Resp: 70299

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.7



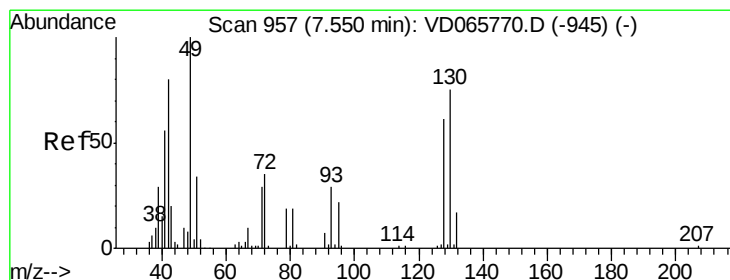
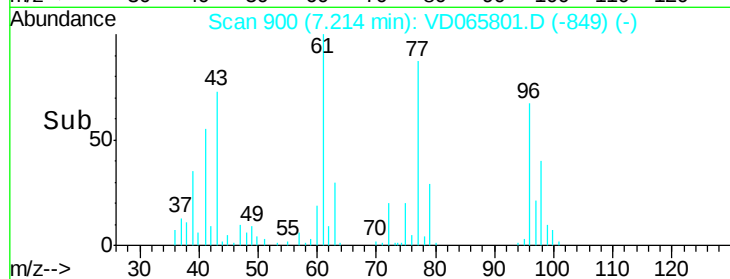
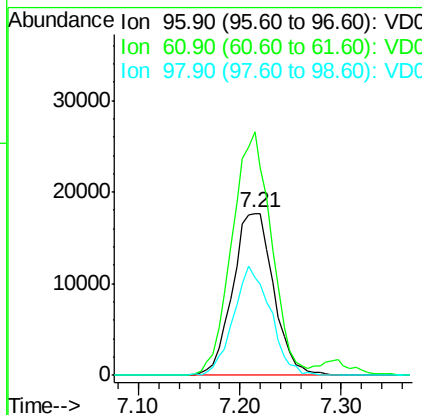
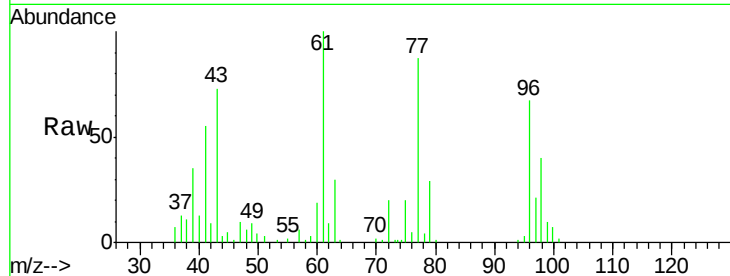


#27

cis-1,2-Dichloroethene
Concen: 20.744 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

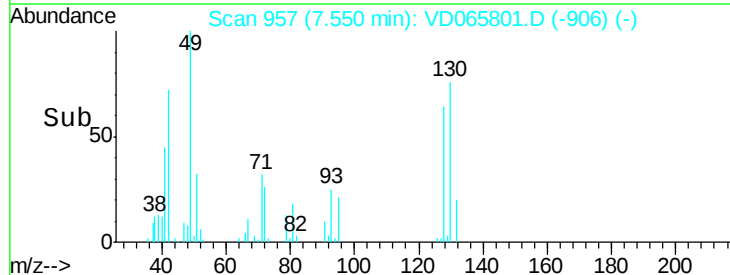
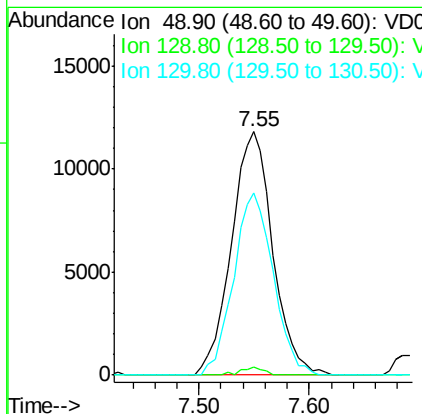
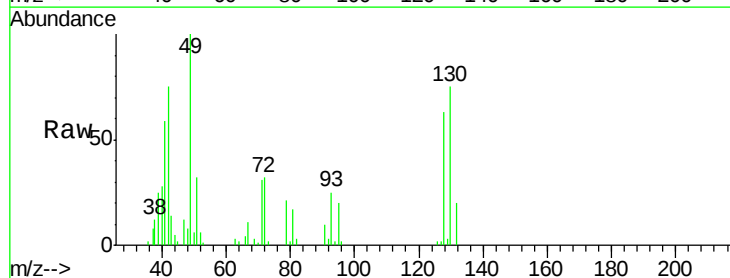
Tot Ion: 96 Resp: 49517
Ion Ratio Lower Upper
96 100
61 144.9 0.0 291.2
98 61.2 0.0 128.8

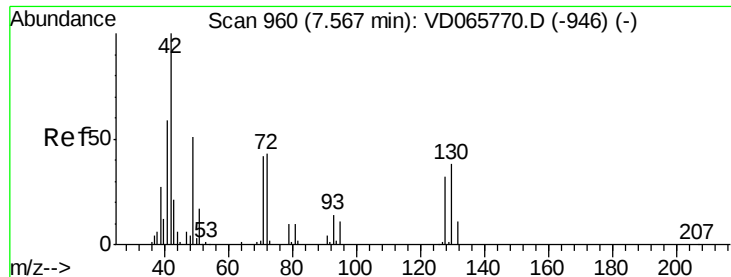


#28

Bromochloromethane
Concen: 20.777 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 49 Resp: 30939
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 72.0 59.5 89.3





#29

Tetrahydrofuran

Concen: 95.665 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

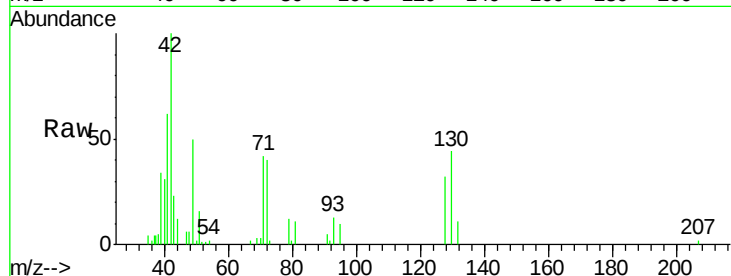
Tot Ion: 42 Resp: 32463

Ion Ratio Lower Upper

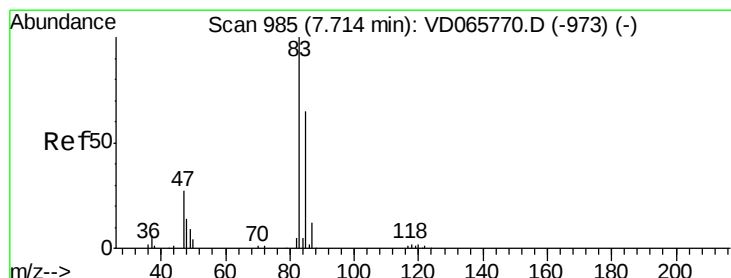
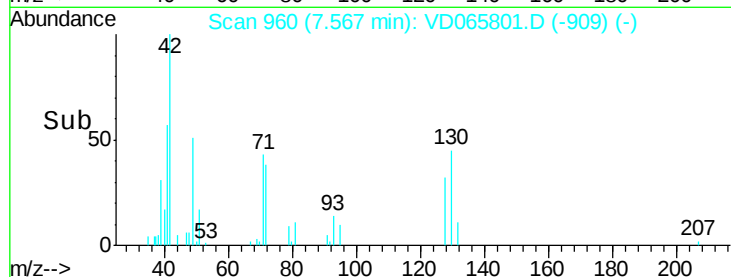
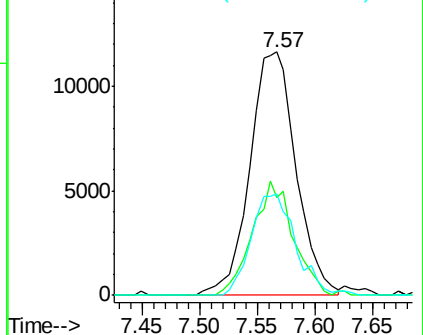
42 100

72 41.4 34.9 52.3

71 40.3 31.2 46.8



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: 19.919 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065801.D

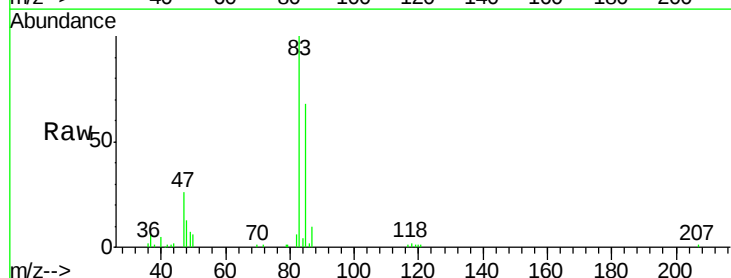
Acq: 18 Jun 2020 12:04

Tgt Ion: 83 Resp: 79600

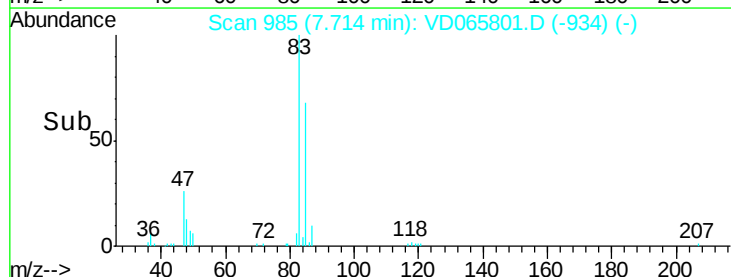
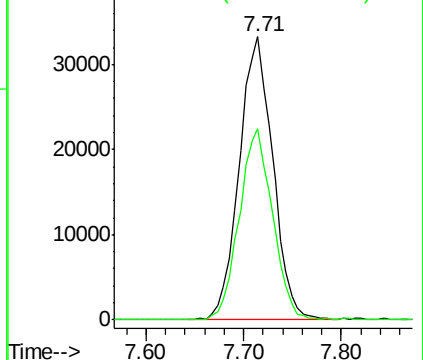
Ion Ratio Lower Upper

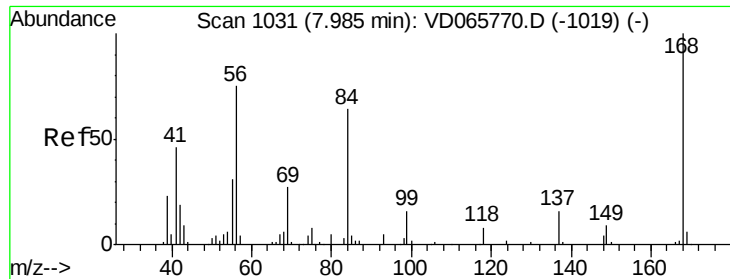
83 100

85 67.6 51.9 77.9



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

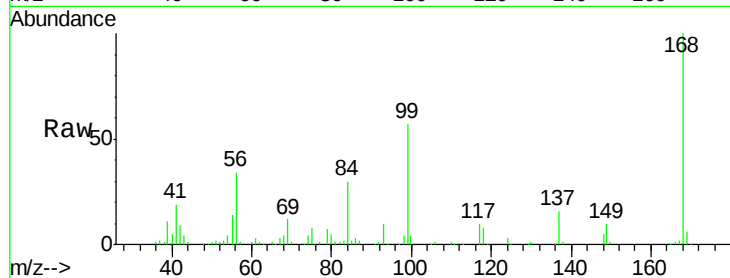




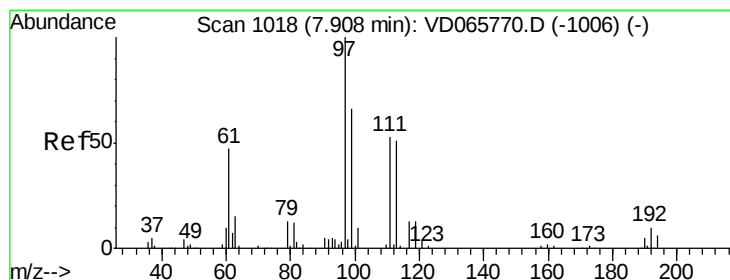
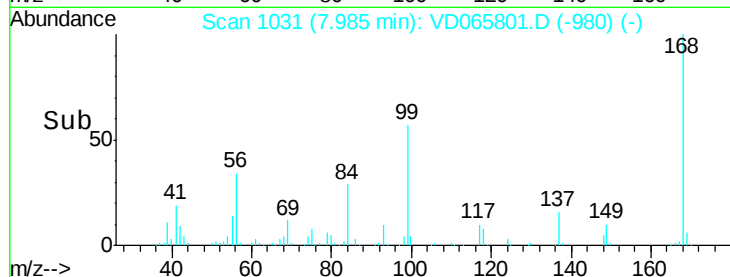
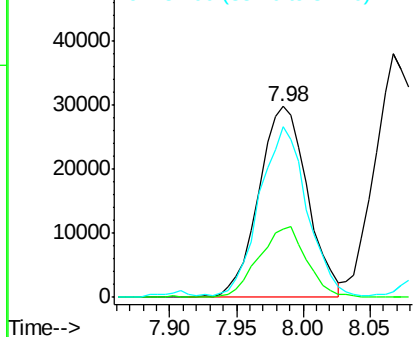
#31
Cyclohexane
Concen: 20.385 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

Tot Ion: 56 Resp: 75347
Ion Ratio Lower Upper
56 100
69 35.6 28.5 42.7
84 87.8 68.4 102.6

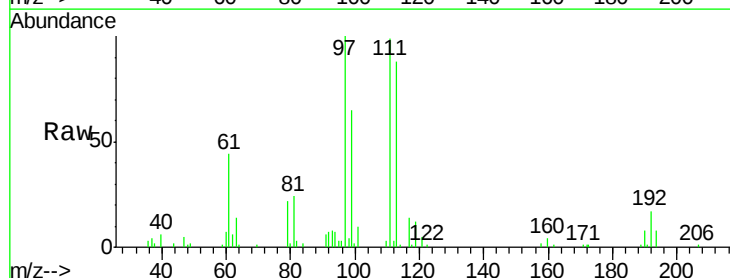


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

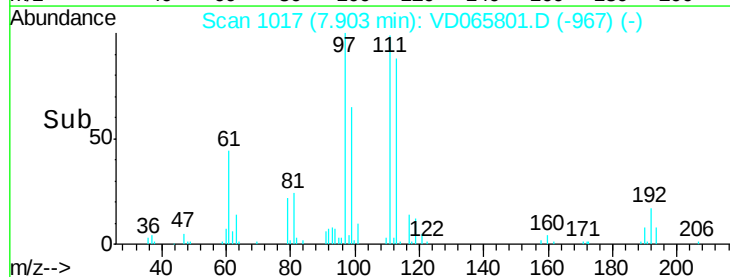
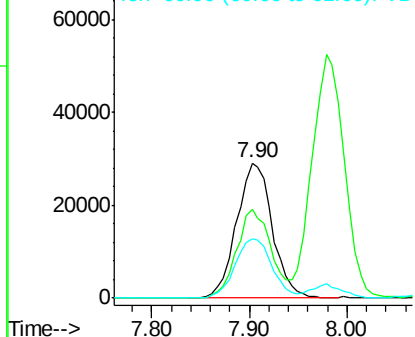


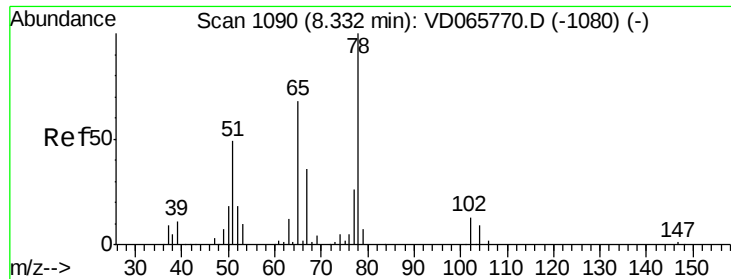
#32
1,1,1-Trichloroethane
Concen: 20.279 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 97 Resp: 74517
Ion Ratio Lower Upper
97 100
99 64.3 49.2 73.8
61 45.1 36.0 54.0



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

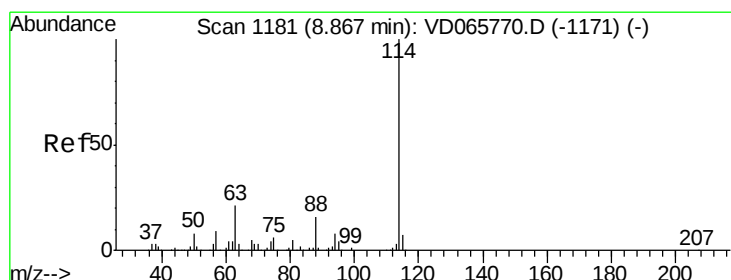
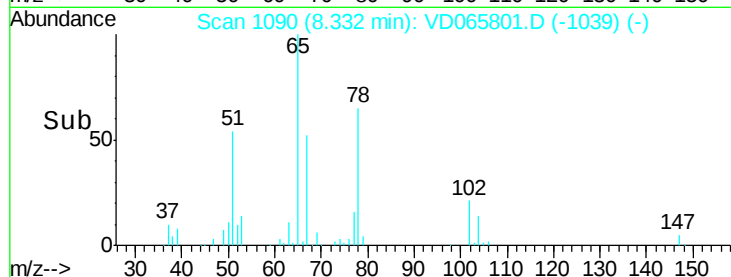
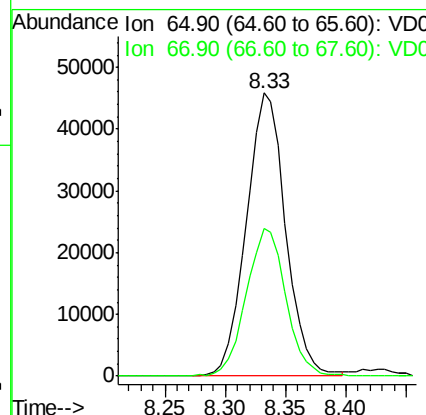
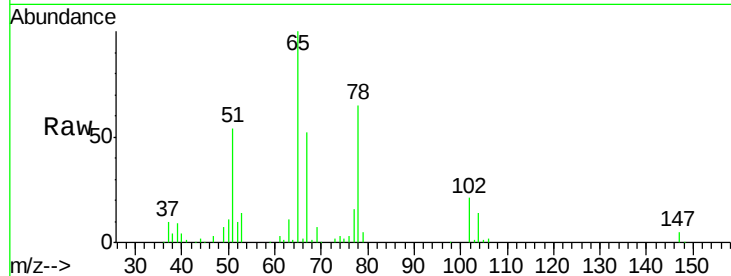




#33
 1,2-Dichloroethane-d4
 Concen: 50.360 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

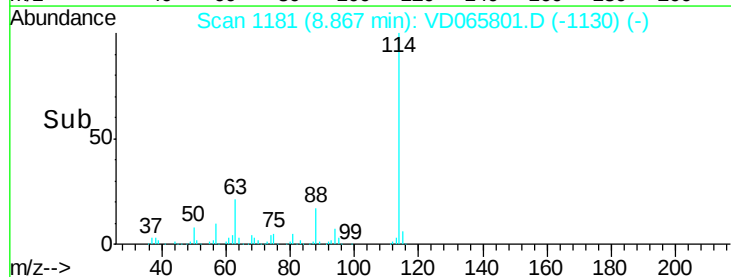
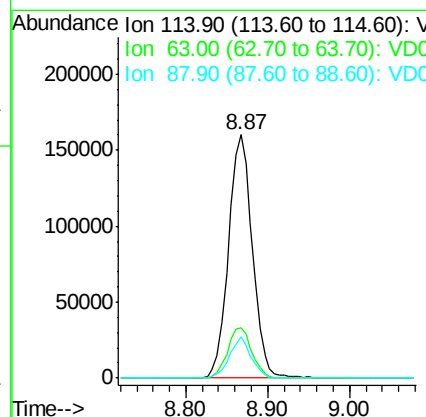
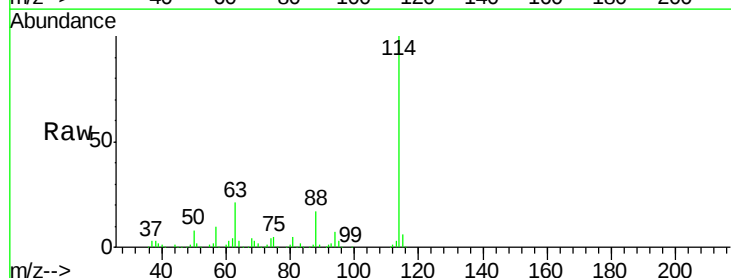
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

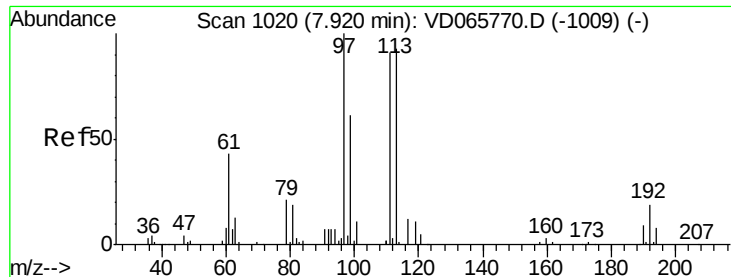
Tot Ion: 65 Resp: 103792
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

Tgt Ion: 114 Resp: 326014
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.8
 88 16.8 0.0 32.0

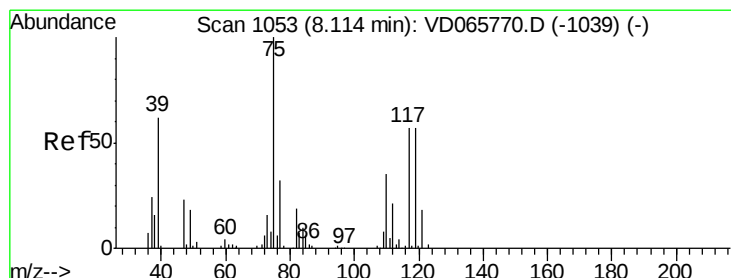
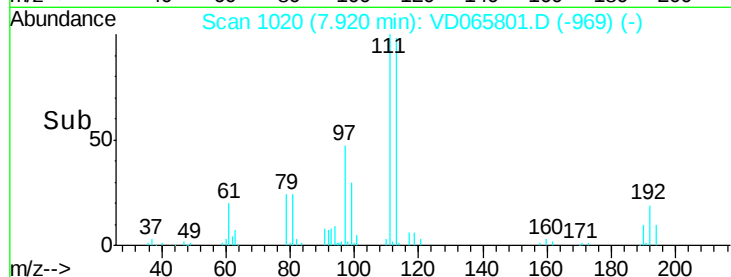
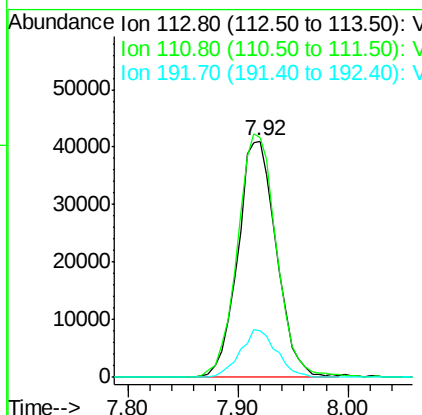
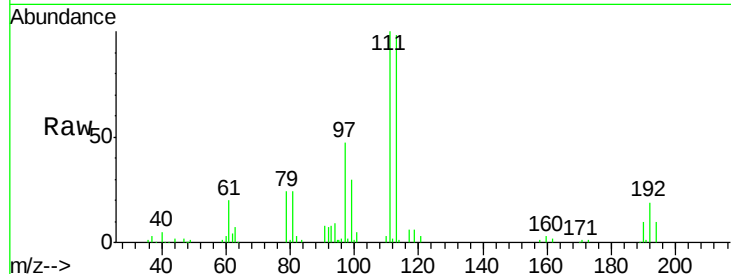




#35
Dibromofluoromethane
Concen: 48.730 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

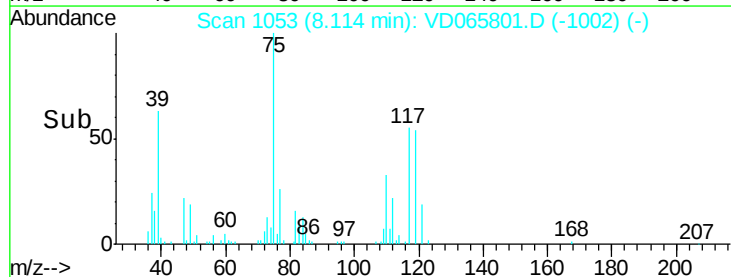
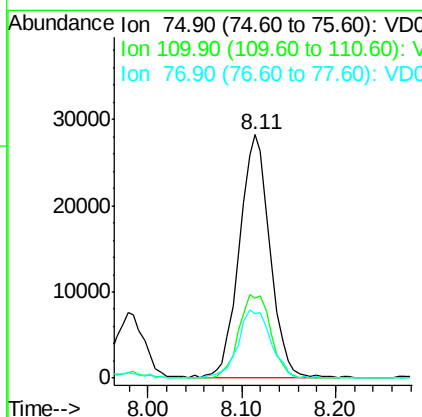
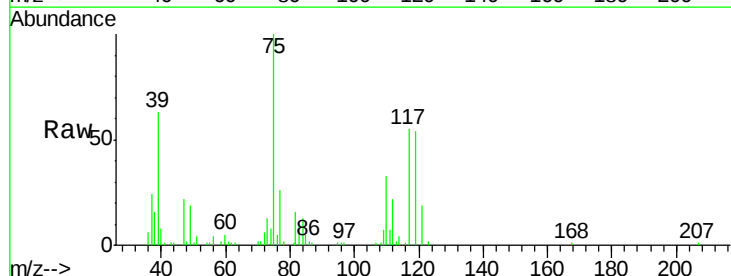
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

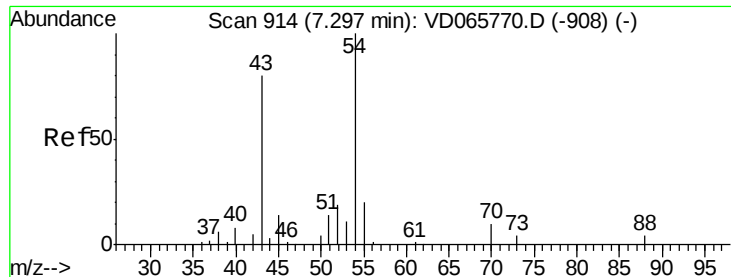
Tot Ion:113 Resp: 100350
Ion Ratio Lower Upper
113 100
111 104.6 83.4 125.0
192 19.1 15.7 23.5



#36
1,1-Dichloropropene
Concen: 20.421 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 75 Resp: 63775
Ion Ratio Lower Upper
75 100
110 35.8 17.6 52.8
77 29.9 25.1 37.7





#37

Ethyl Acetate

Concen: 21.378 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

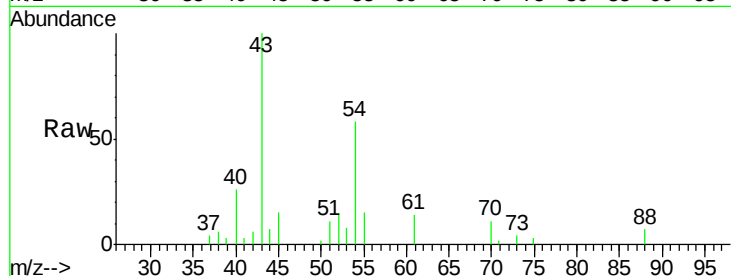
Tot Ion: 43 Resp: 26297

Ion Ratio Lower Upper

43 100

61 14.9 10.6 15.8

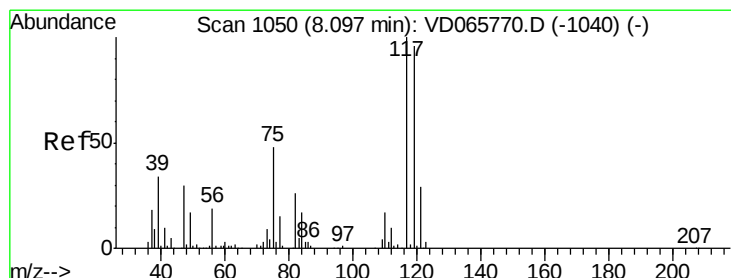
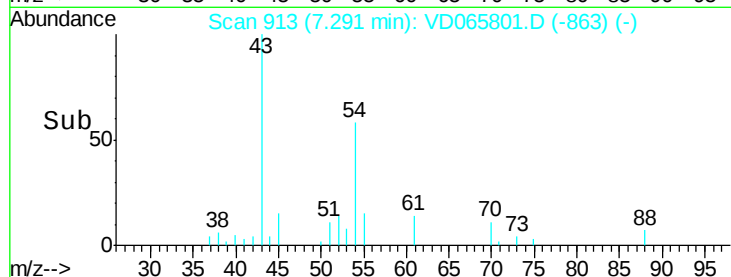
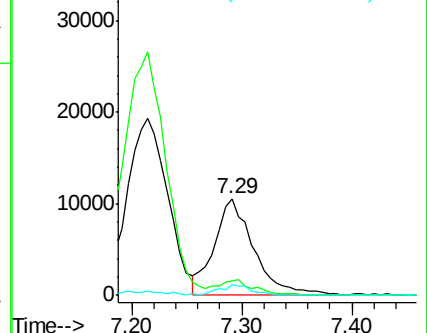
70 9.1 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 20.446 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

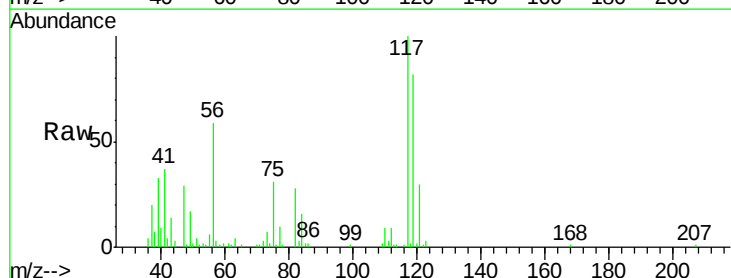
Tgt Ion: 117 Resp: 67200

Ion Ratio Lower Upper

117 100

119 81.9 76.8 115.2

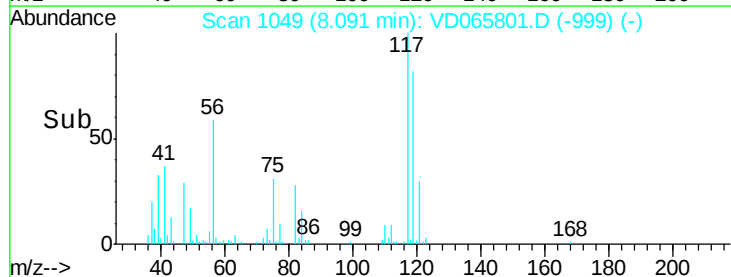
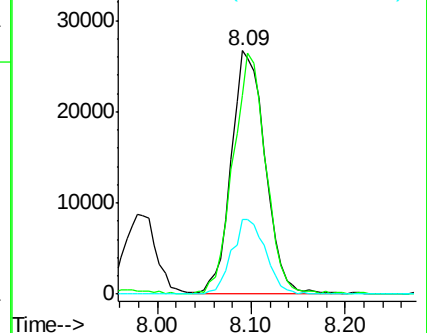
121 30.4 23.4 35.2

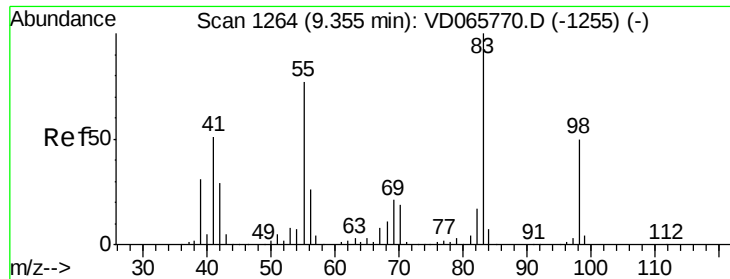


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

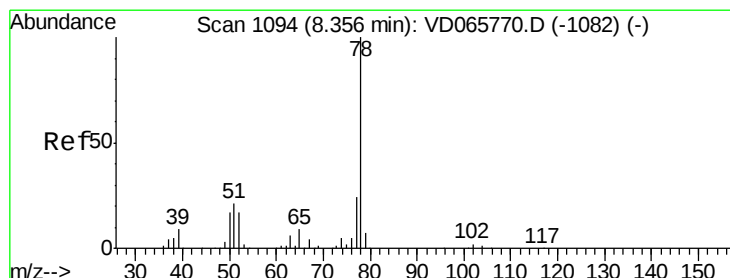
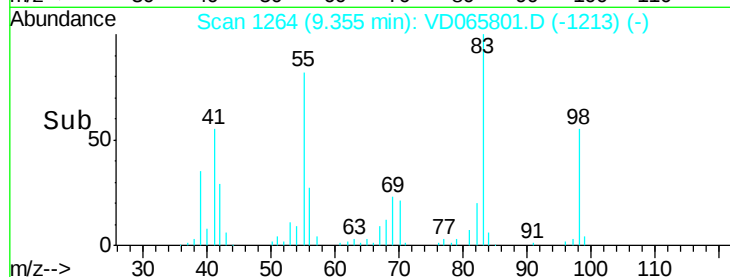
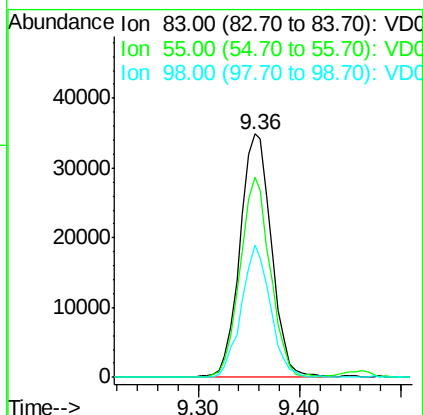
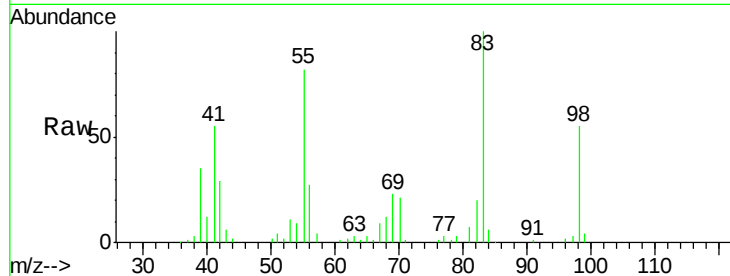




#39
Methvlcvclohexane
Concen: 20.303 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

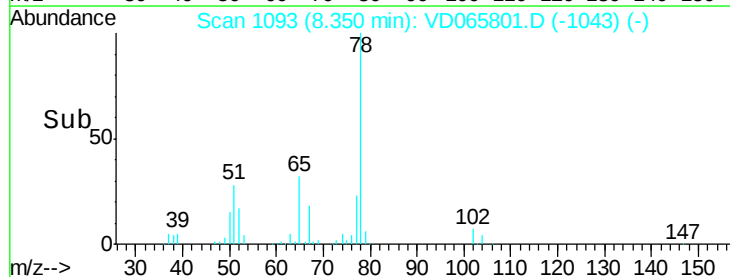
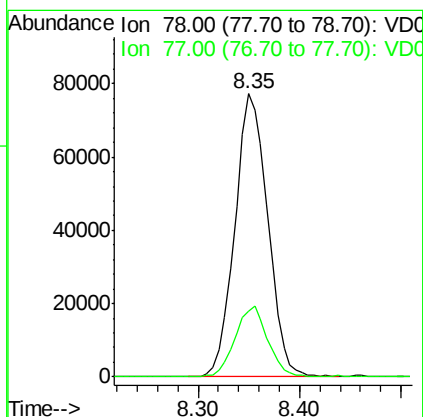
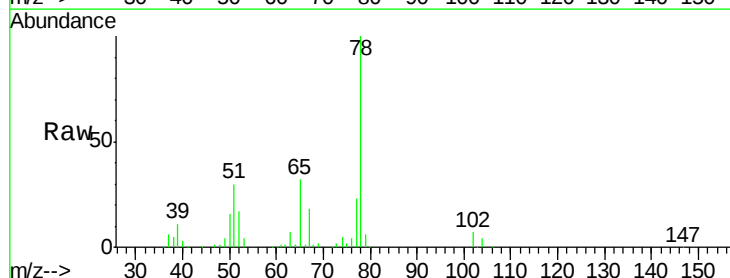
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

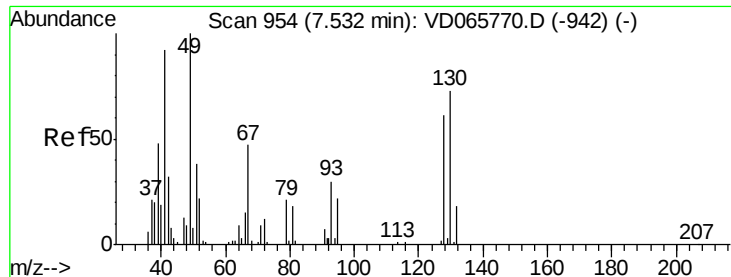
Tot Ion: 83 Resp: 75072
Ion Ratio Lower Upper
83 100
55 82.3 61.6 92.4
98 54.6 40.2 60.2



#40
Benzene
Concen: 20.424 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 78 Resp: 174370
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8

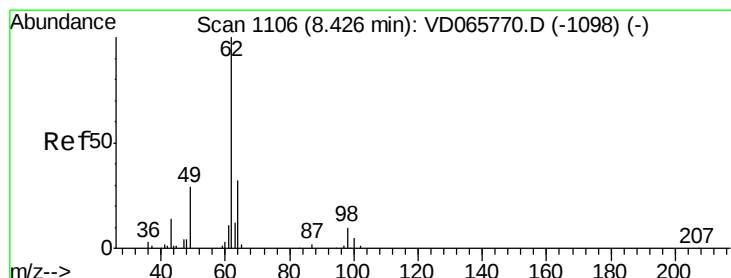
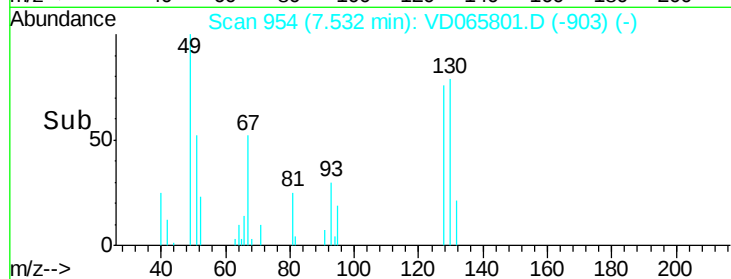
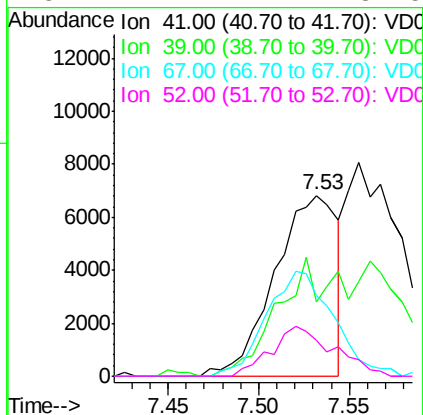
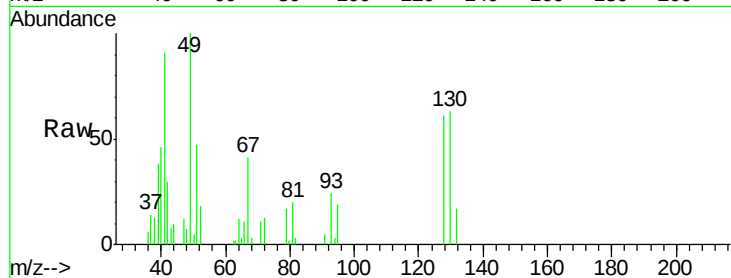




#41
Methacrylonitrile
Concen: 22.416 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

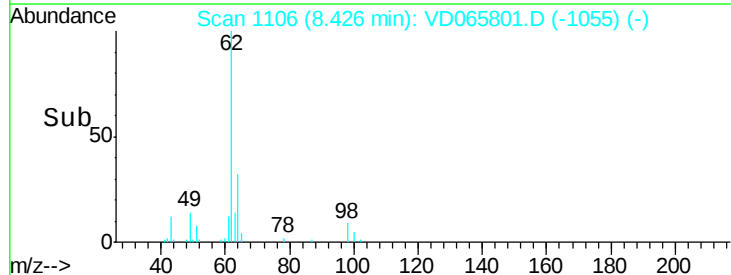
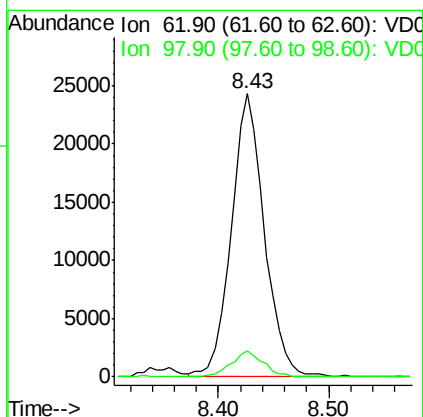
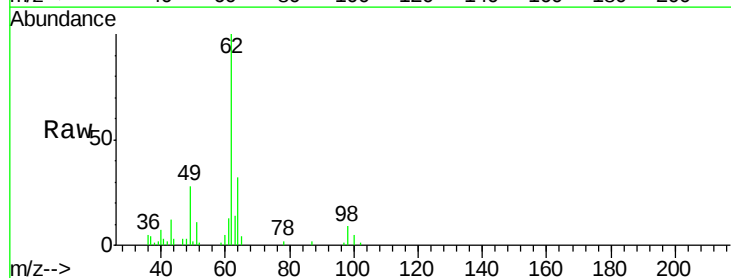
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

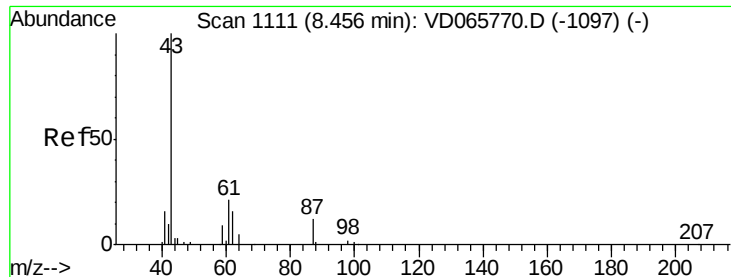
Tot Ion:	41	Resp:	16419
Ion	Ratio	Lower	Upper
41	100		
39	49.3	38.3	57.5
67	61.9	49.8	74.6
52	27.4	21.7	32.5



#42
1,2-Dichloroethane
Concen: 19.791 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion:	62	Resp:	50983
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6





#43

Isopropyl Acetate

Concen: 19.151 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

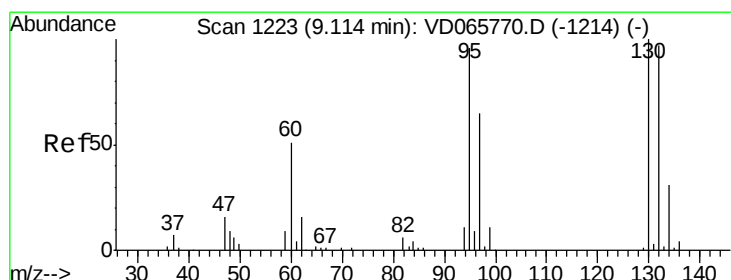
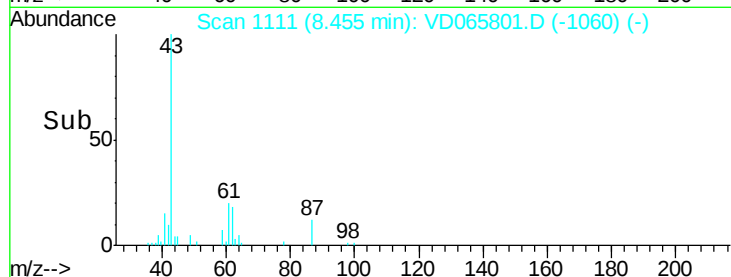
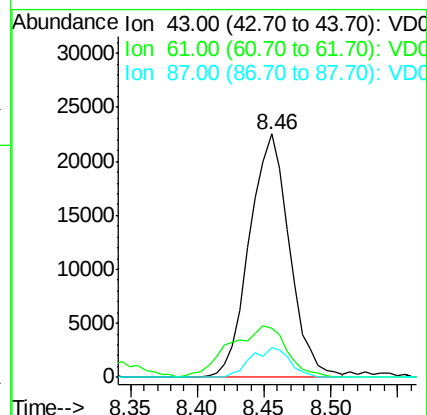
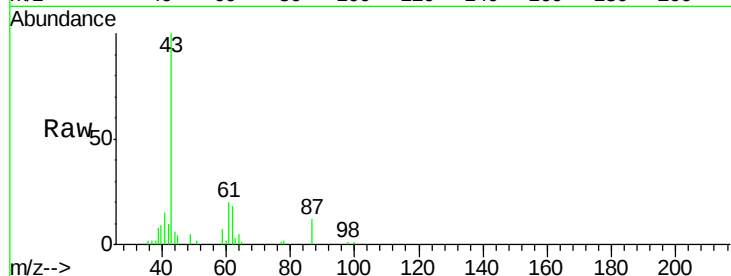
Tot Ion: 43 Resp: 46844

Ion Ratio Lower Upper

43 100

61 30.3 24.2 36.4

87 11.8 9.5 14.3



#44

Trichloroethene

Concen: 20.097 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065801.D

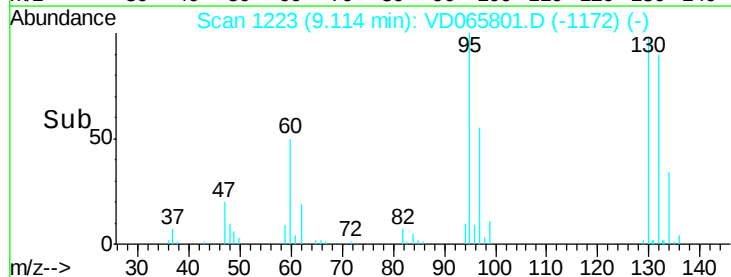
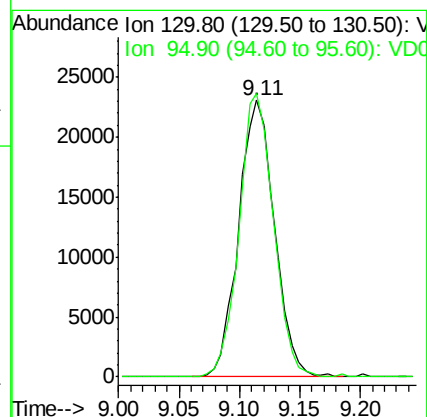
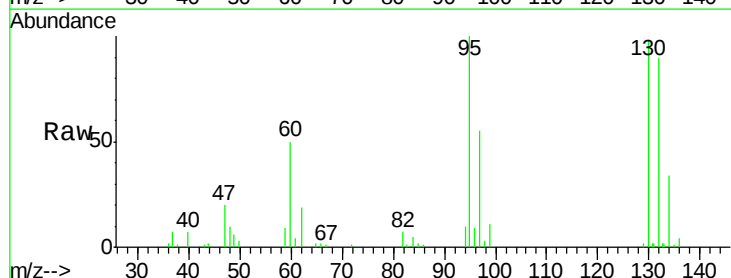
Acq: 18 Jun 2020 12:04

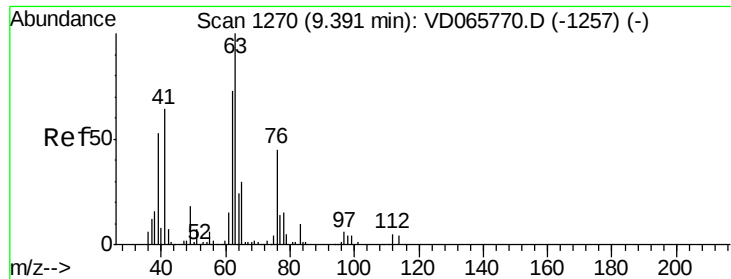
Tgt Ion: 130 Resp: 47750

Ion Ratio Lower Upper

130 100

95 102.4 0.0 192.8

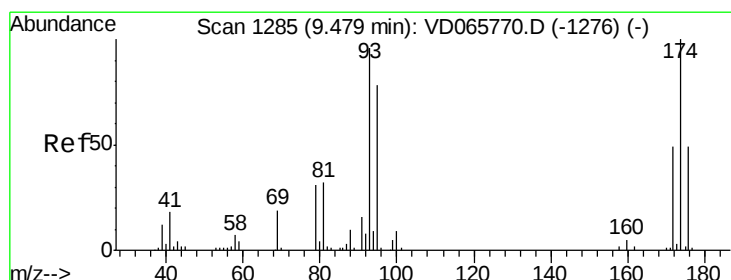
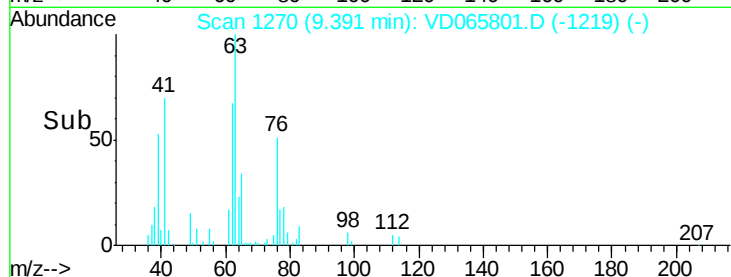
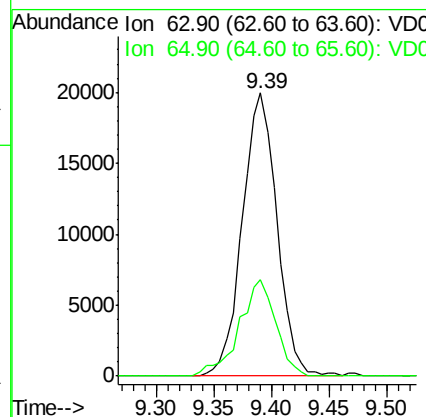
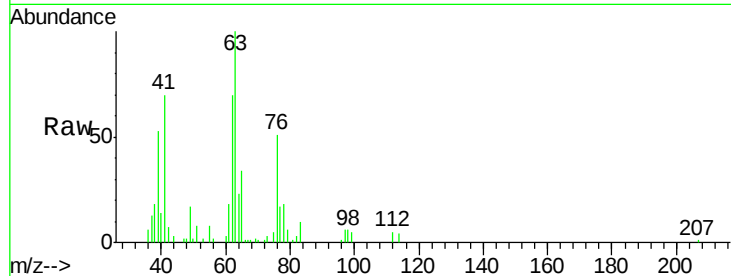




#45
 1,2-Dichloropropane
 Concen: 19.420 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

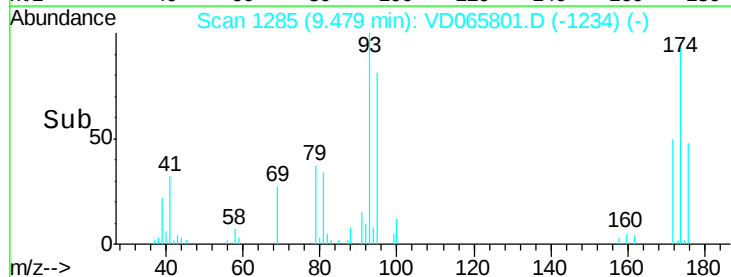
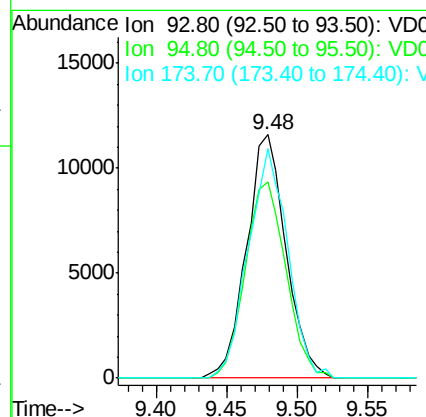
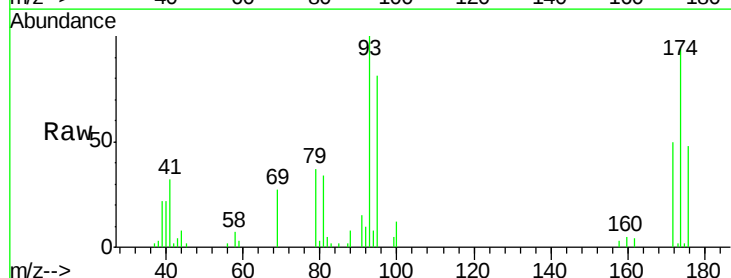
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

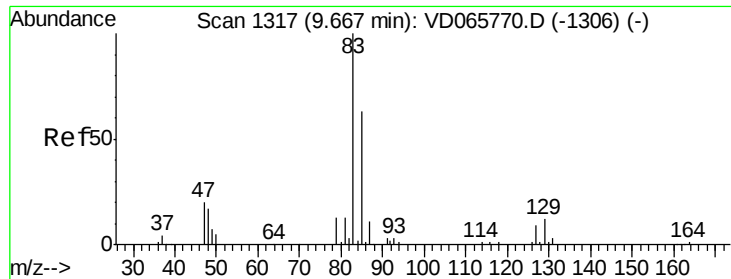
Tot Ion: 63 Resp: 41660
 Ion Ratio Lower Upper
 63 100
 65 33.9 24.2 36.2



#46
 Dibromomethane
 Concen: 19.596 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

Tgt Ion: 93 Resp: 22799
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.8 98.6
 174 94.1 80.9 121.3





#47

Bromodichloromethane

Concen: 19.800 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

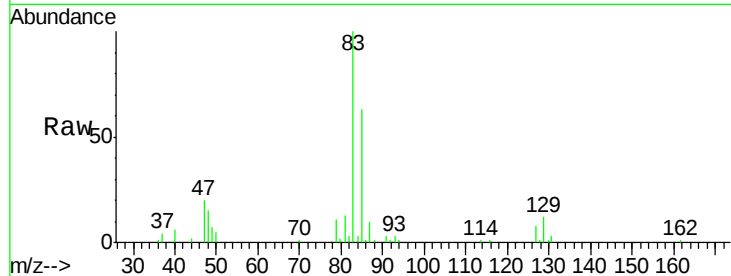
Tot Ion: 83 Resp: 61730

Ion Ratio Lower Upper

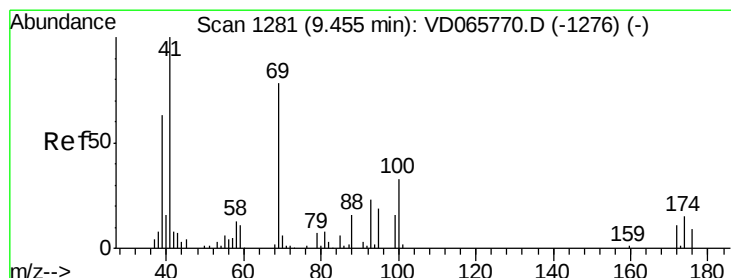
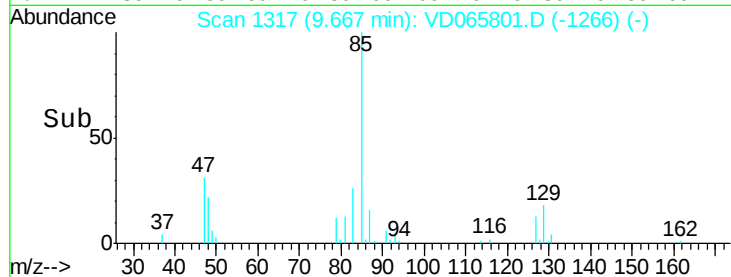
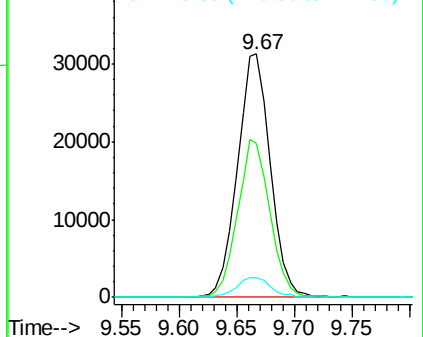
83 100

85 63.3 50.7 76.1

127 8.3 7.1 10.7



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



#48

Methyl methacrylate

Concen: 20.534 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

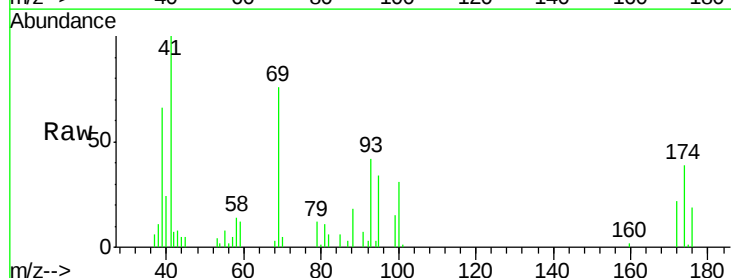
Tgt Ion: 41 Resp: 24313

Ion Ratio Lower Upper

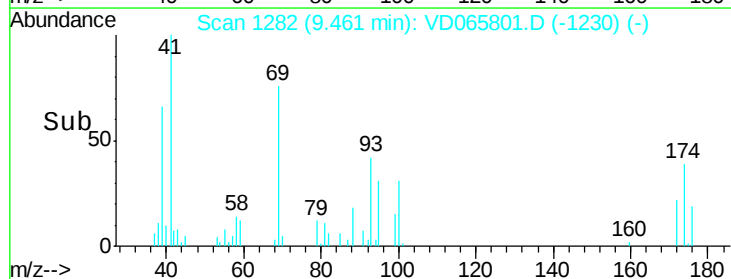
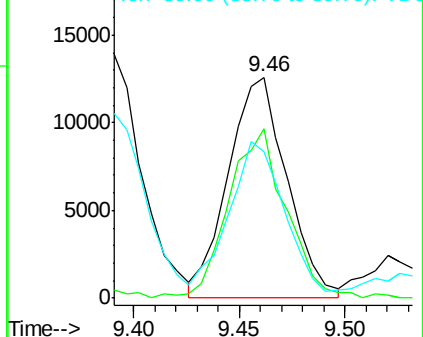
41 100

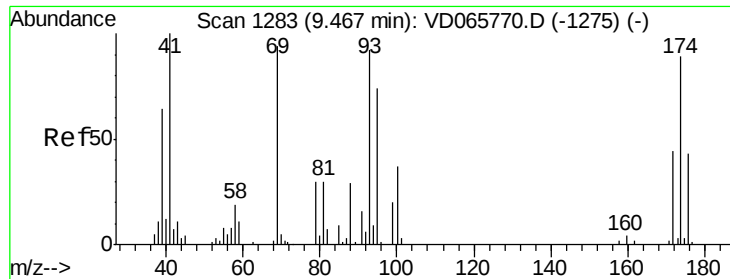
69 74.9 60.9 91.3

39 68.9 48.1 72.1



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

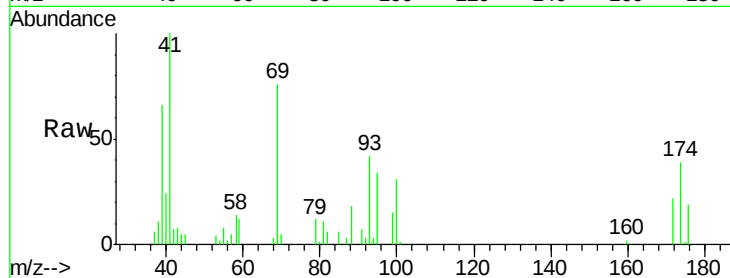




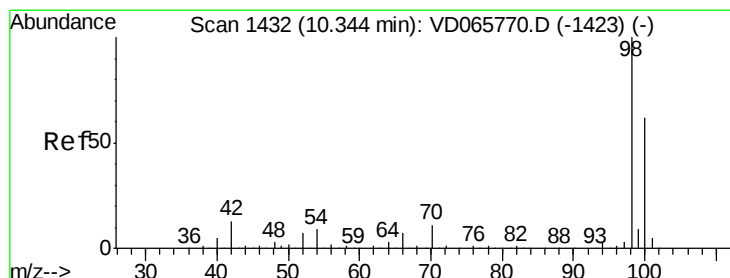
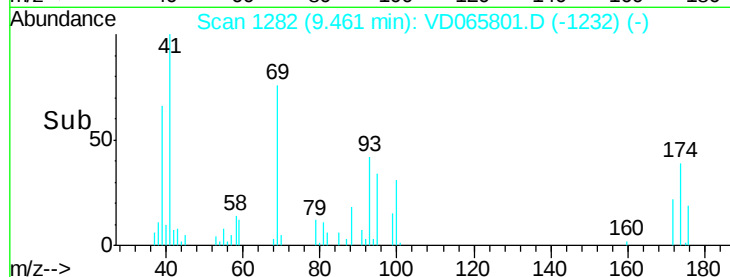
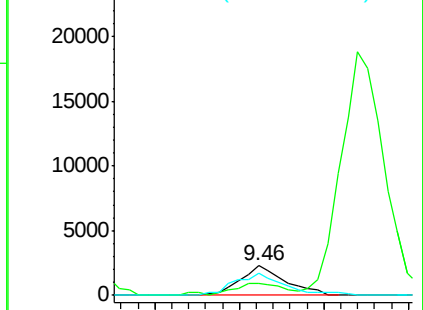
#49
1,4-Dioxane
Concen: 340.449 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

Tot Ion: 88 Resp: 4216
Ion Ratio Lower Upper
88 100
43 43.5 32.2 48.4
58 79.6 54.9 82.3

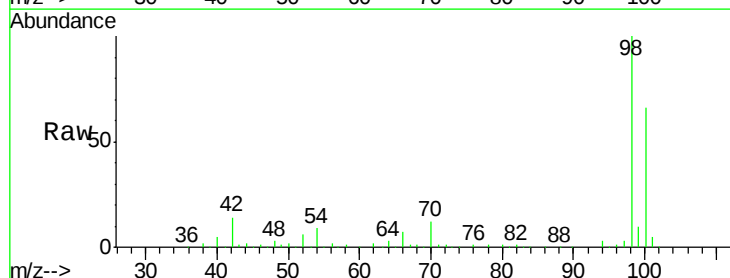


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

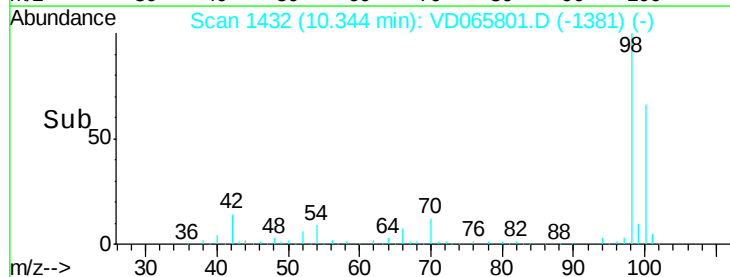
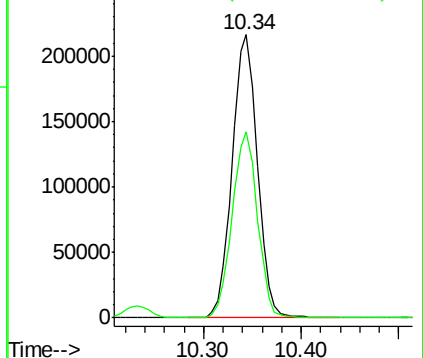


#50
Toluene-d8
Concen: 50.812 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 98 Resp: 390180
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 98.124 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

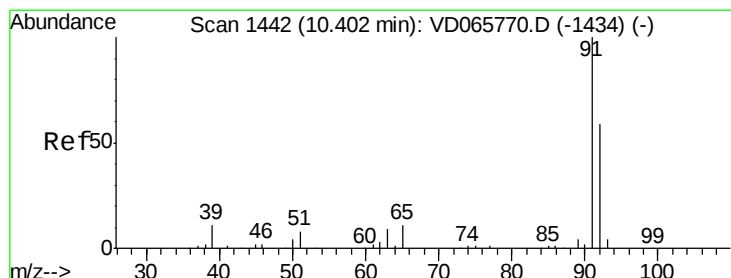
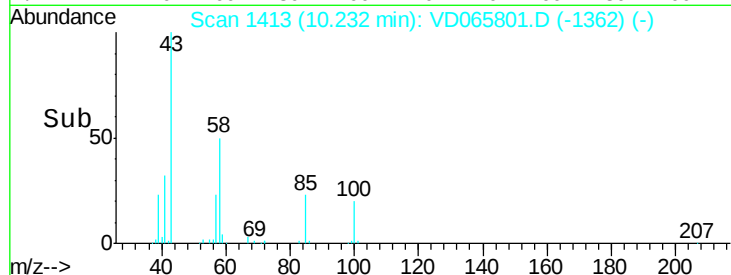
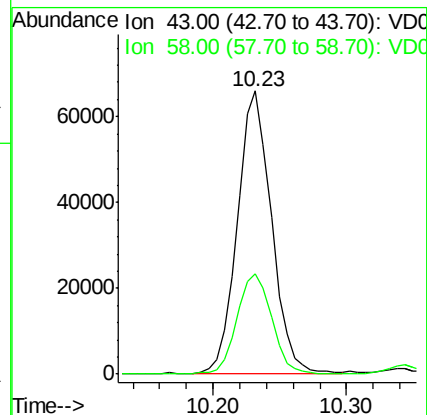
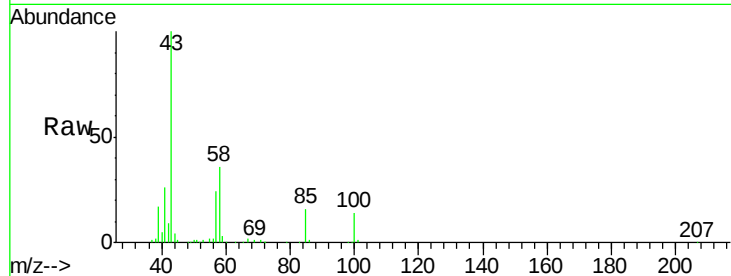
VD0618SBS01

Tot Ion: 43 Resp: 117612

Ion Ratio Lower Upper

43 100

58 36.0 30.7 46.1



#52

Toluene

Concen: 20.264 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065801.D

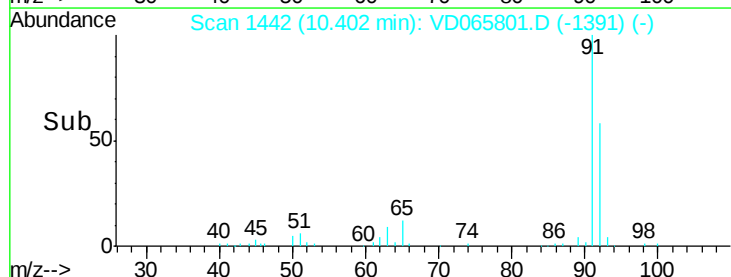
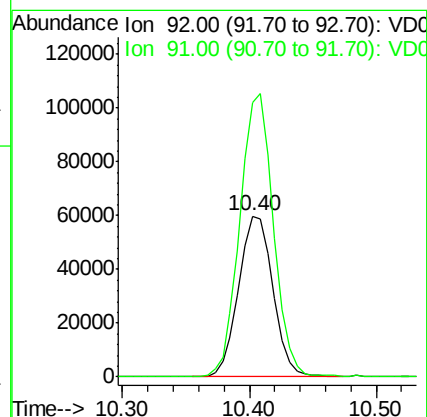
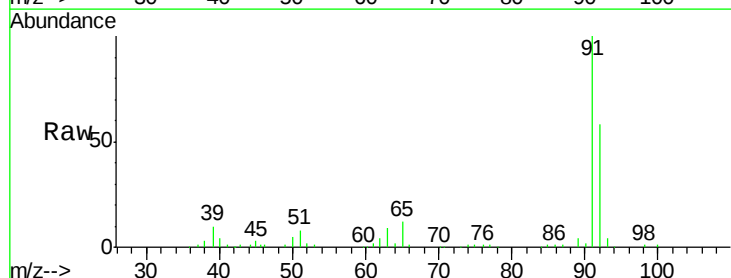
Acq: 18 Jun 2020 12:04

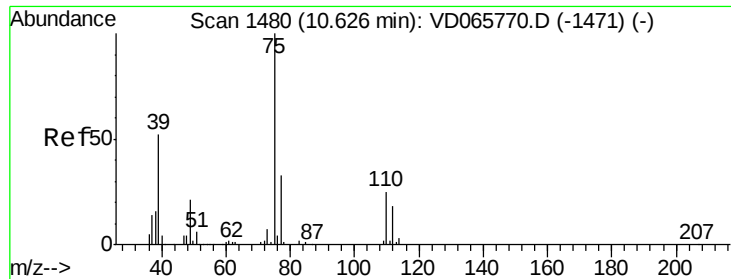
Tgt Ion: 92 Resp: 112411

Ion Ratio Lower Upper

92 100

91 172.6 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 19.334 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

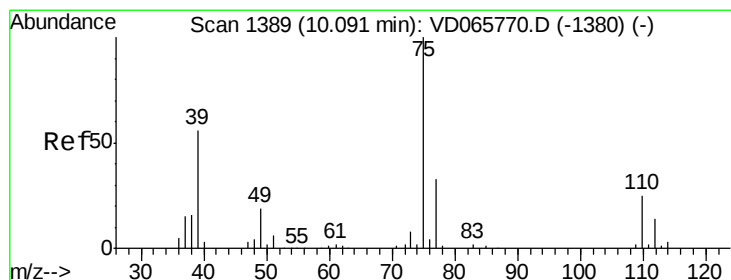
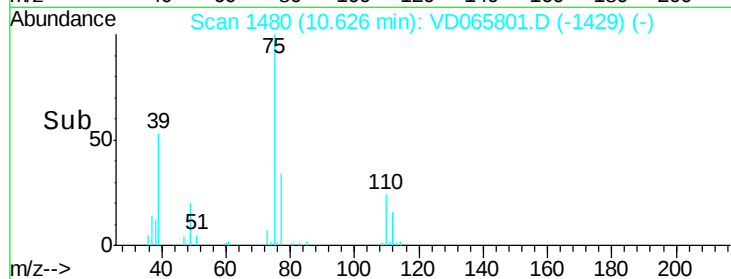
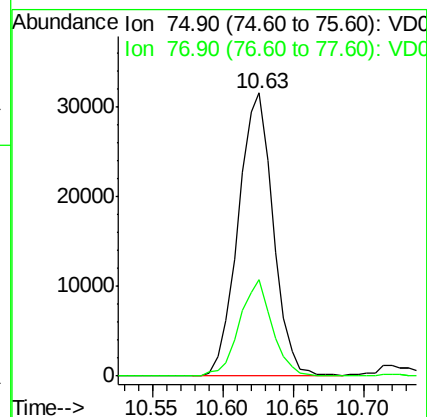
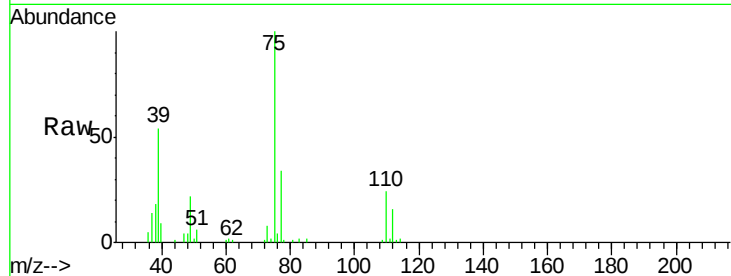
VD0618SBSD01

Tot Ion: 75 Resp: 54584

Ion Ratio Lower Upper

75 100

77 33.9 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 20.527 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

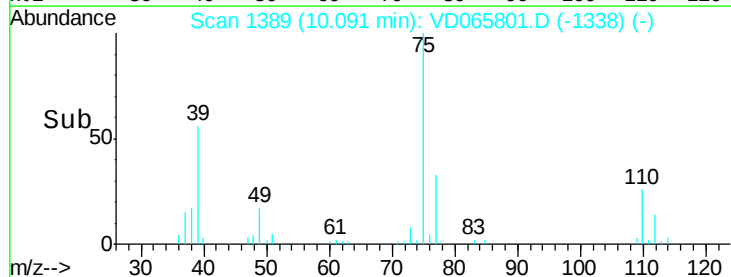
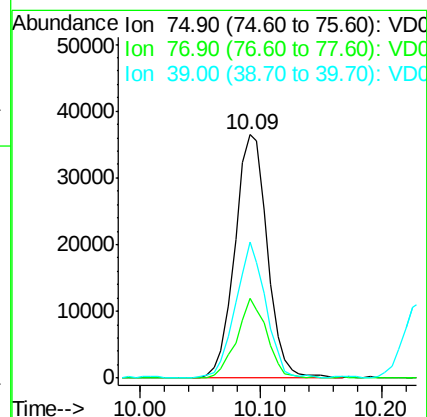
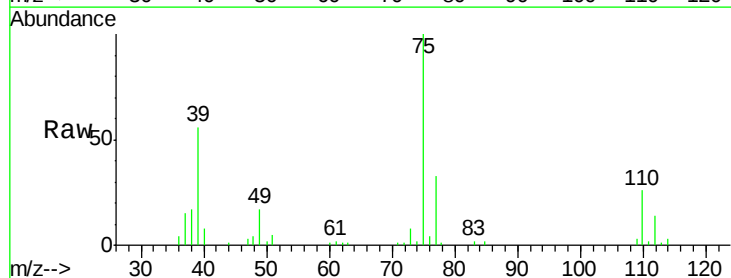
Tgt Ion: 75 Resp: 68445

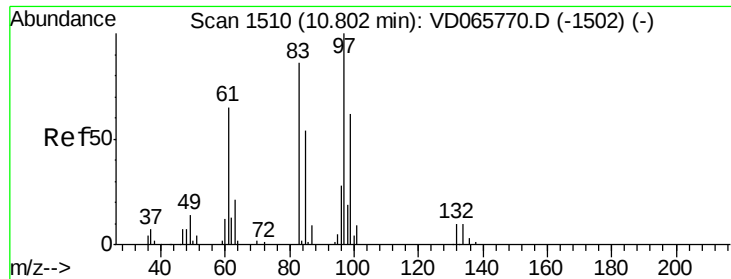
Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

39 55.6 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 20.406 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

Tot Ion: 97 Resp: 31722

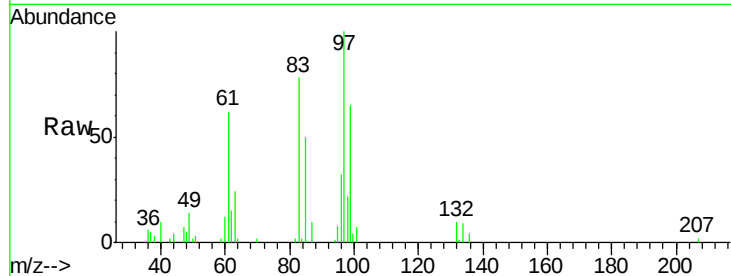
Ion Ratio Lower Upper

97 100

83 78.1 68.7 103.1

85 49.7 43.0 64.6

99 65.4 49.8 74.6

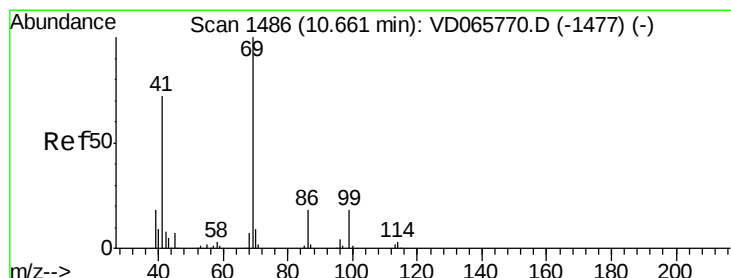
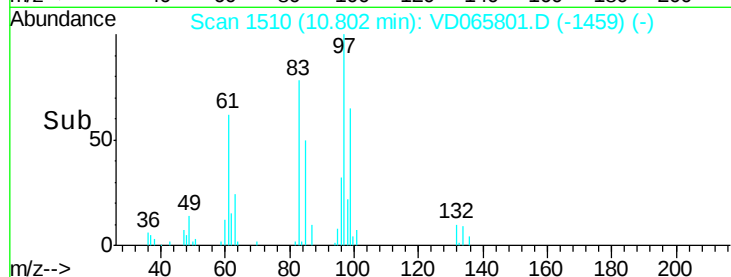
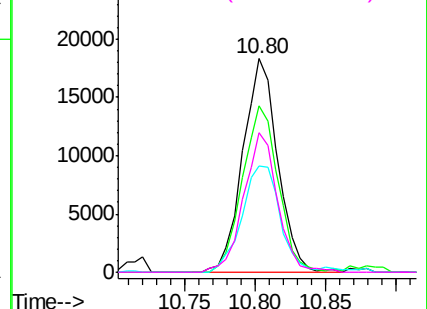


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 19.661 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

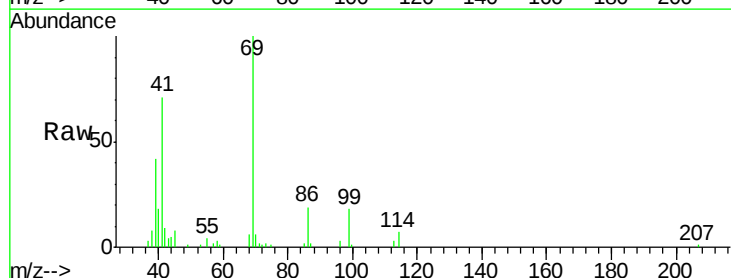
Tgt Ion: 69 Resp: 35950

Ion Ratio Lower Upper

69 100

41 72.1 56.9 85.3

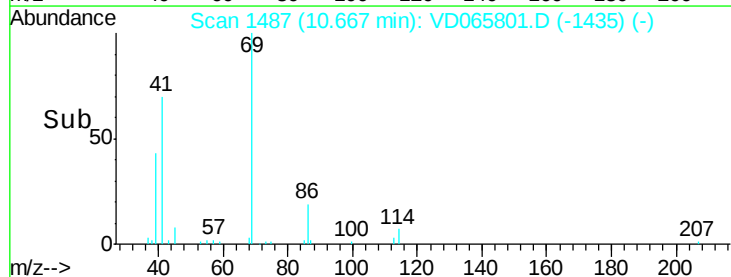
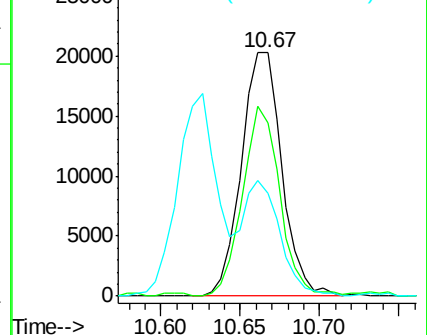
39 44.4 36.0 54.0

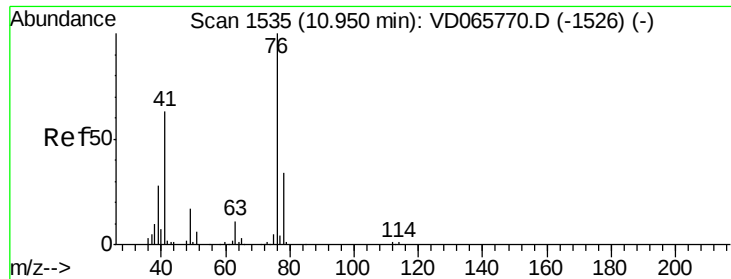


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

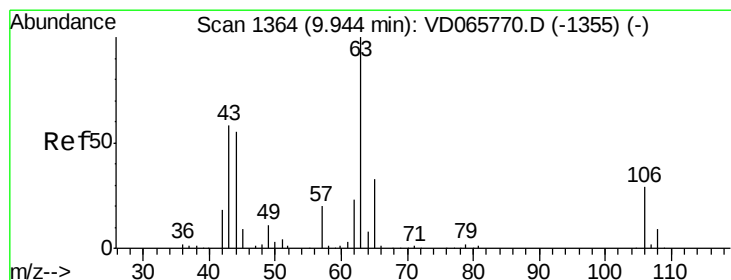
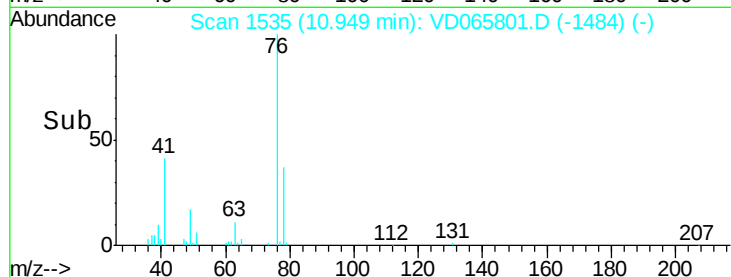
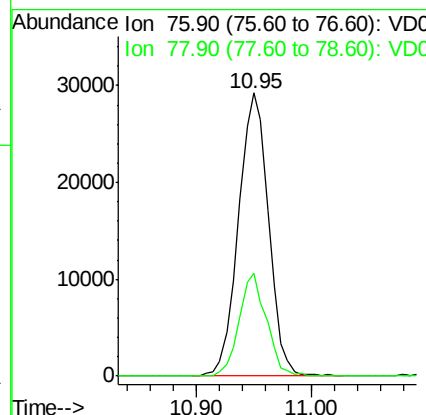
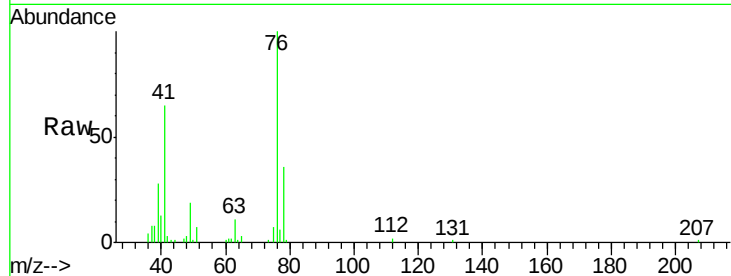




#57
 1,3-Dichloropropane
 Concen: 19.554 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

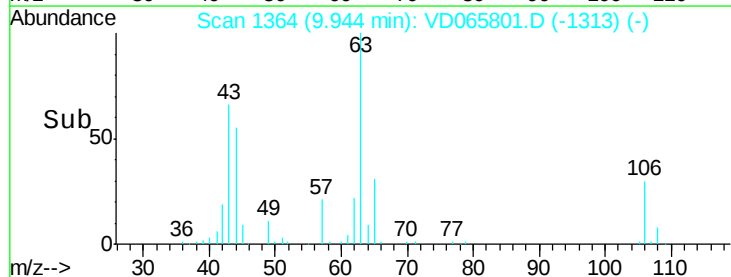
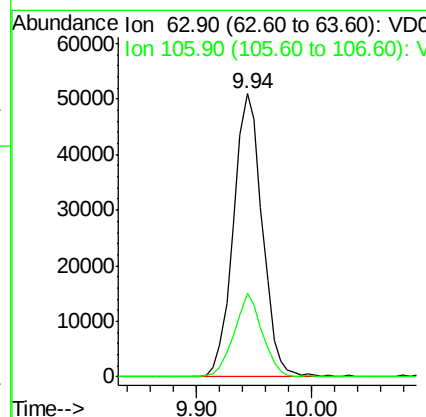
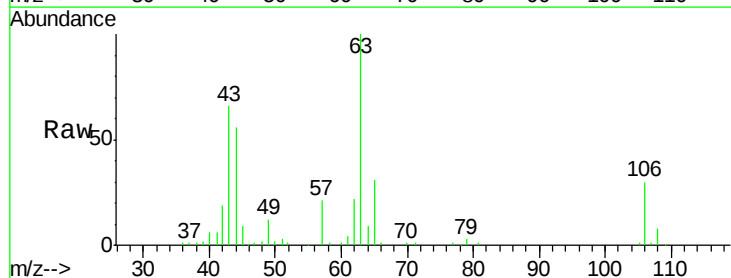
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

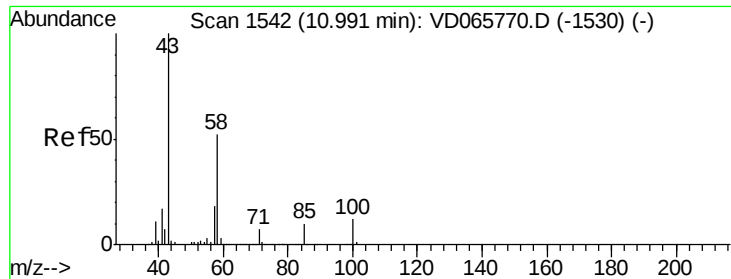
Tot Ion: 76 Resp: 52663
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.992 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

Tgt Ion: 63 Resp: 88403
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.2 34.8

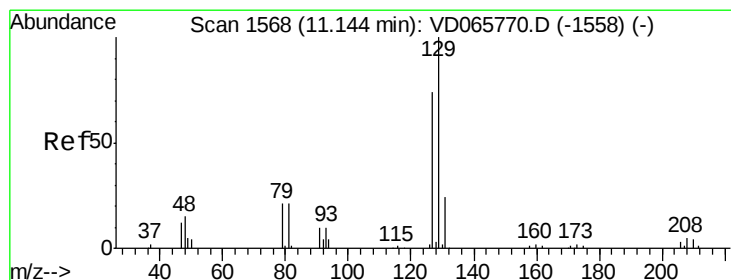
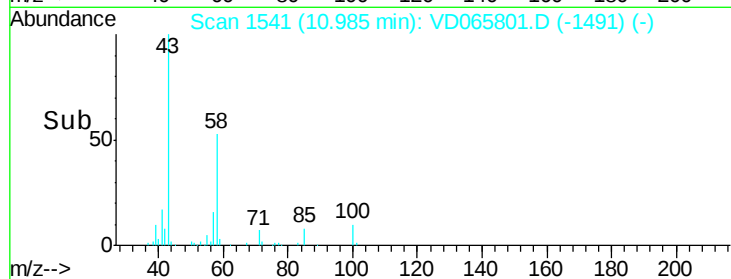
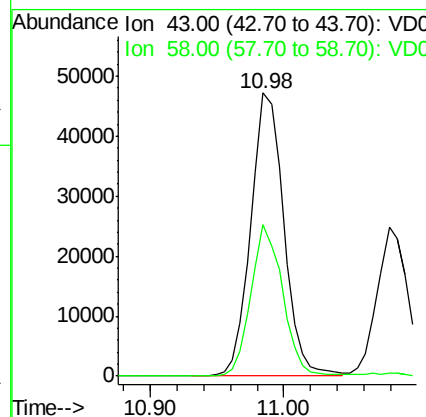
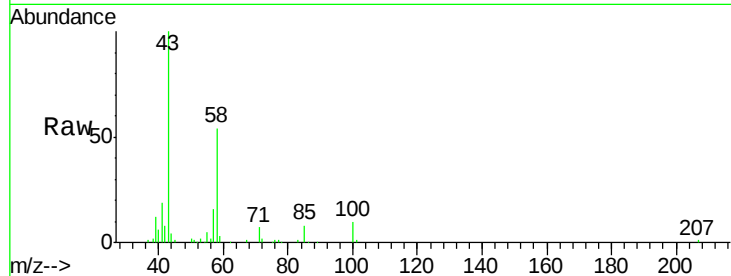




#59
2-Hexanone
Concen: 99.977 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

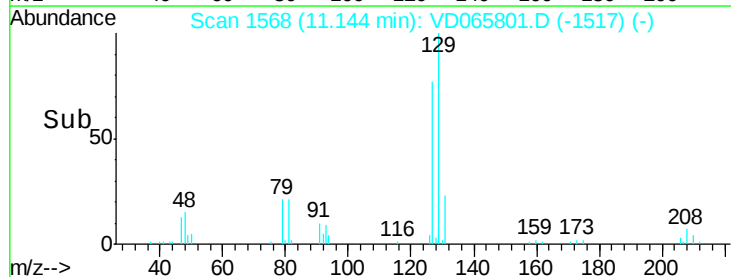
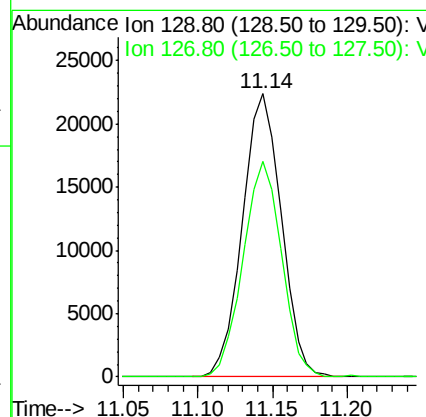
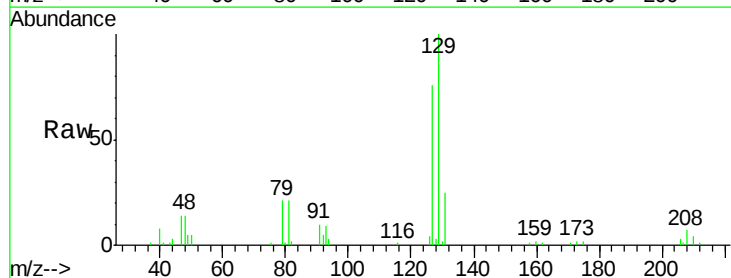
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

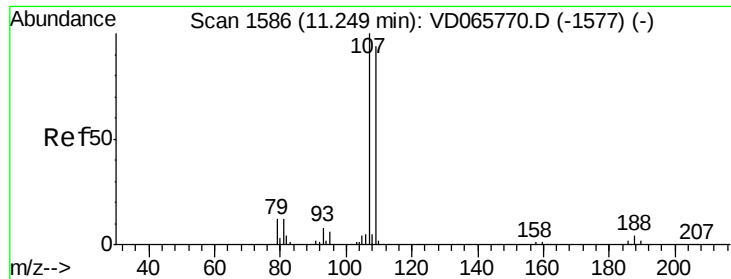
Tot Ion: 43 Resp: 80790
Ion Ratio Lower Upper
43 100
58 51.1 25.7 77.0



#60
Dibromochloromethane
Concen: 19.295 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 129 Resp: 40520
Ion Ratio Lower Upper
129 100
127 75.3 38.0 113.9

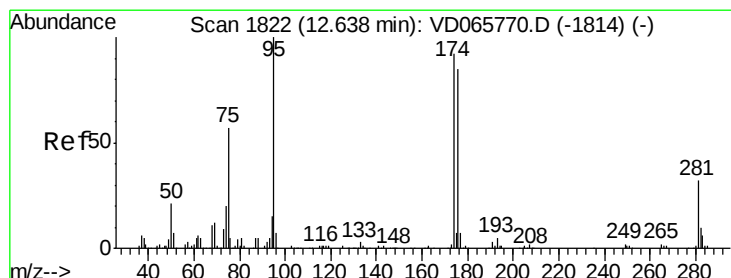
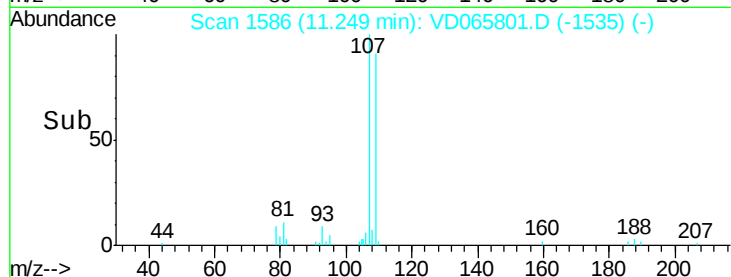
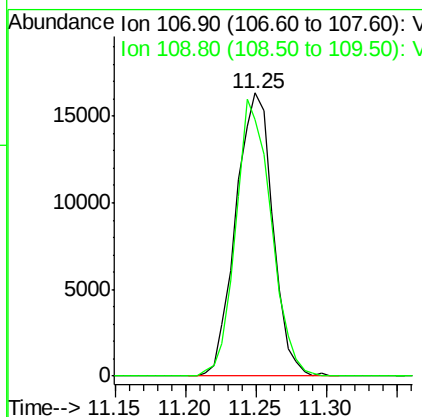
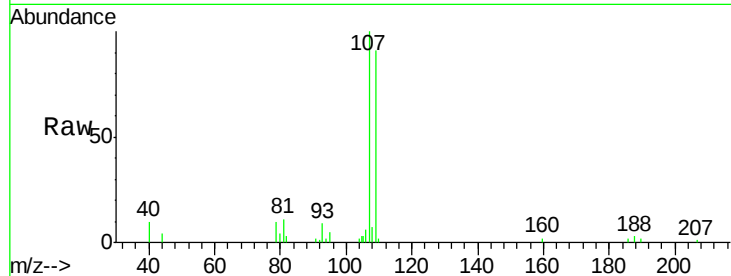




#61
 1,2-Dibromoethane
 Concen: 19.557 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

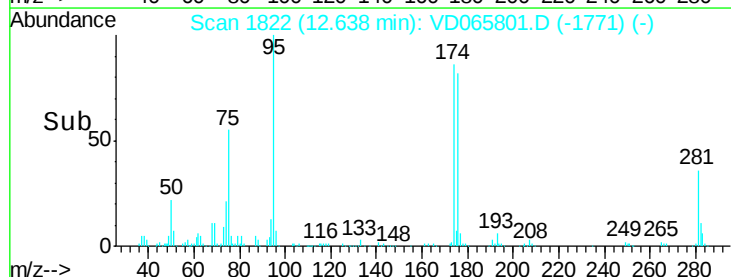
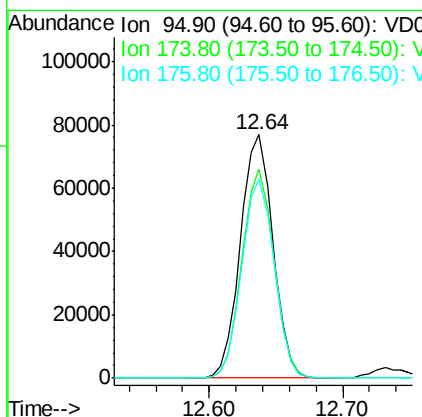
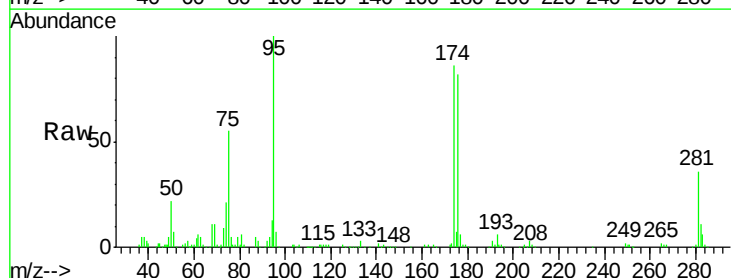
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

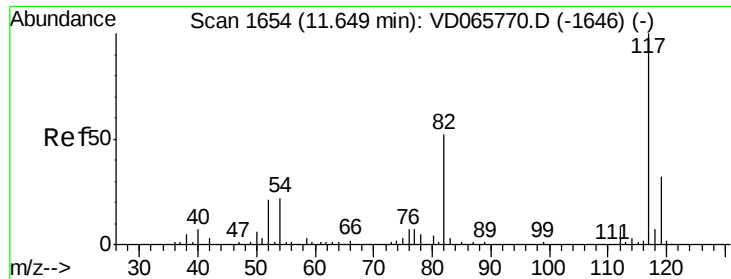
Tot Ion:107 Resp: 29879
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 49.855 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

Tgt Ion: 95 Resp: 129831
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 175.2
 176 81.5 0.0 163.0

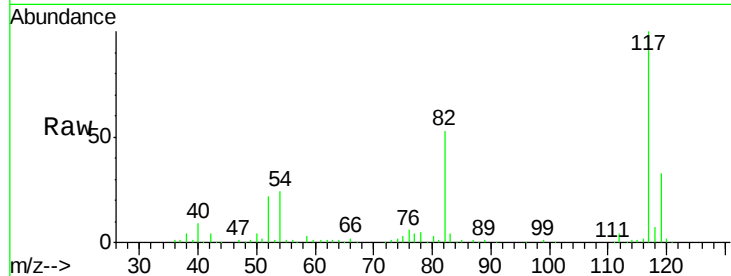




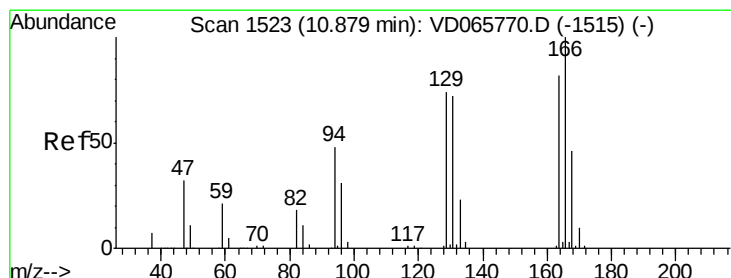
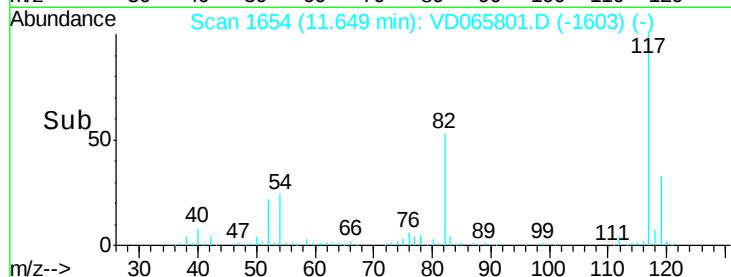
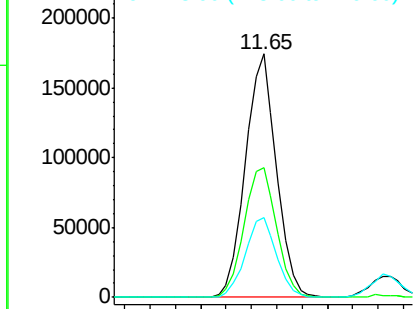
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

Tot Ion:117 Resp: 296390
Ion Ratio Lower Upper
117 100
82 53.4 41.9 62.9
119 32.5 25.3 37.9

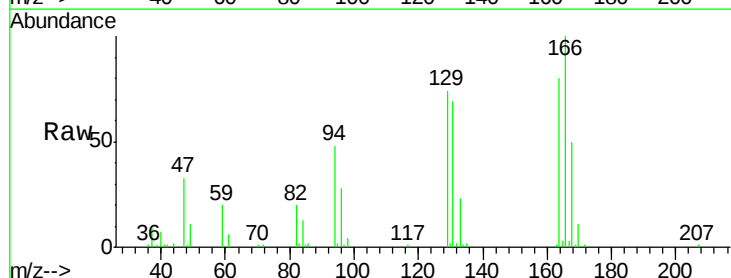


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

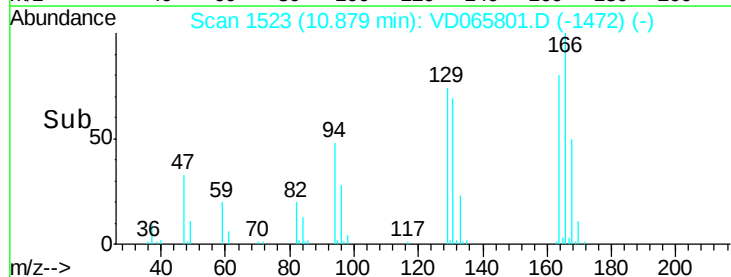
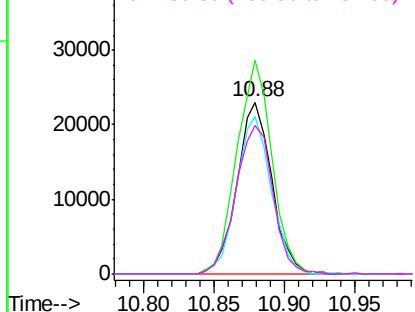


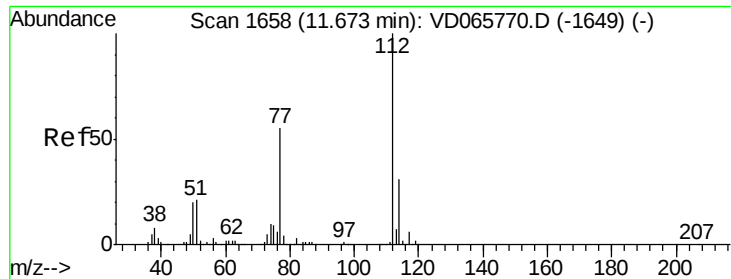
#64
Tetrachloroethene
Concen: 19.846 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion:164 Resp: 39775
Ion Ratio Lower Upper
164 100
166 124.4 98.2 147.2
129 91.9 72.3 108.5
131 86.3 70.5 105.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

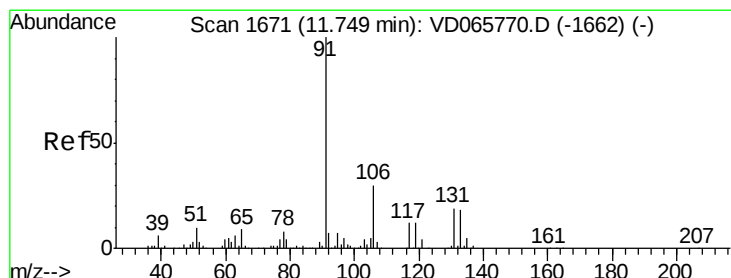
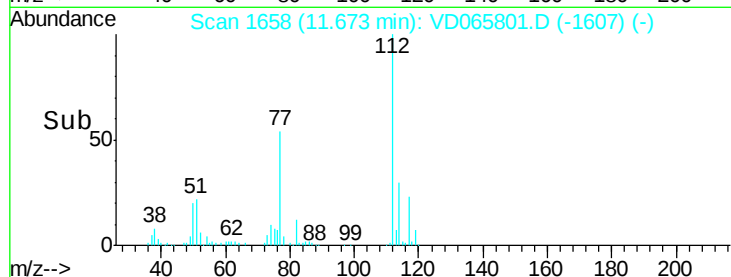
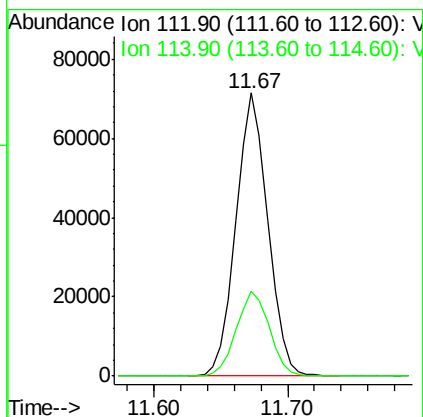
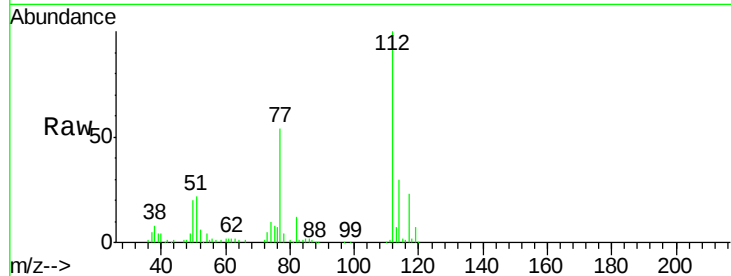




#65
Chlorobenzene
Concen: 20.463 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

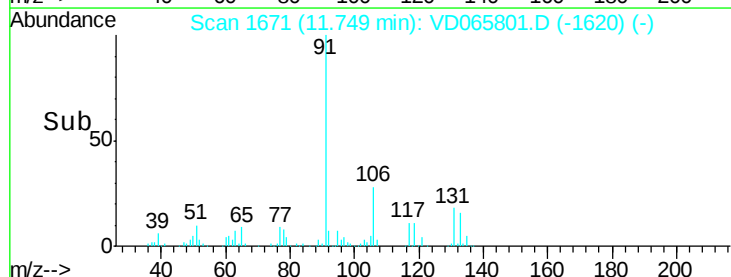
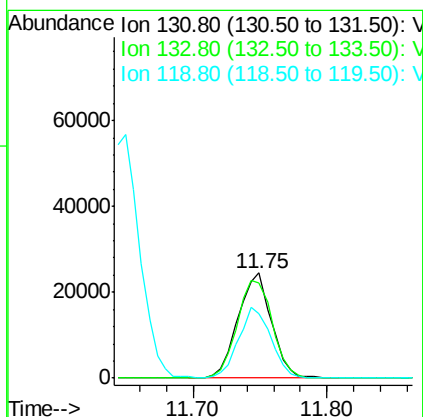
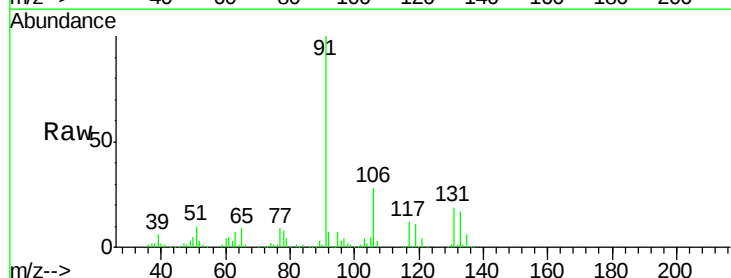
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

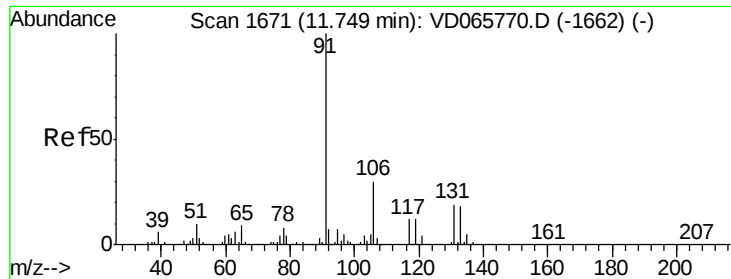
Tot Ion:112 Resp: 118402
Ion Ratio Lower Upper
112 100
114 30.2 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.598 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion:131 Resp: 42270
Ion Ratio Lower Upper
131 100
133 98.3 47.3 141.9
119 65.5 31.6 94.8





#67

Ethyl Benzene

Concen: 20.612 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

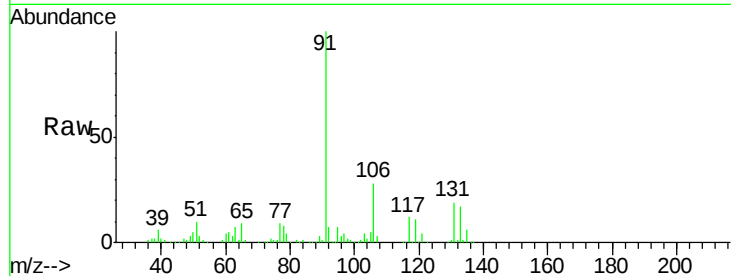
VD0618SBS01

Tot Ion: 91 Resp: 213061

Ion Ratio Lower Upper

91 100

106 28.4 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

200000

150000

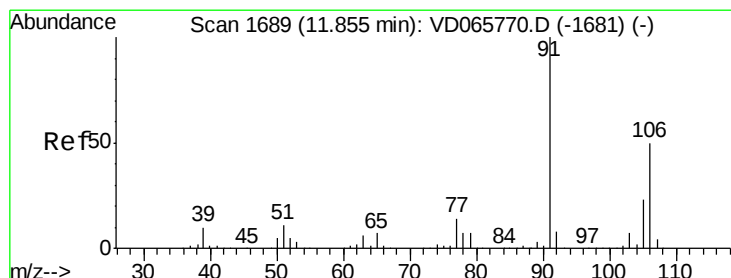
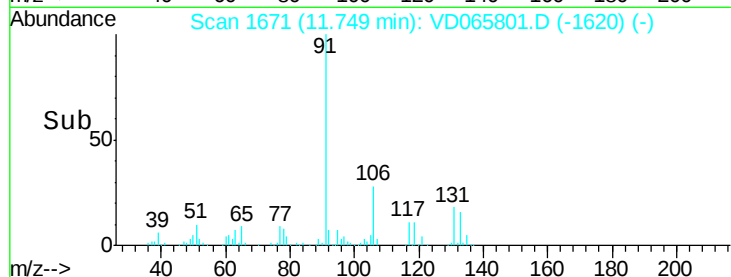
100000

50000

0

11.65 11.70 11.75 11.80

Time-->



#68

m/p-Xylenes

Concen: 39.803 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065801.D

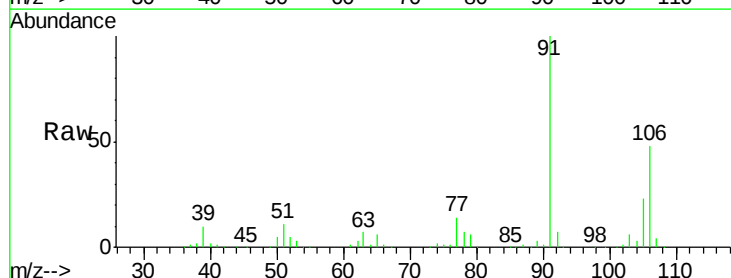
Acq: 18 Jun 2020 12:04

Tgt Ion: 106 Resp: 158478

Ion Ratio Lower Upper

106 100

91 204.8 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

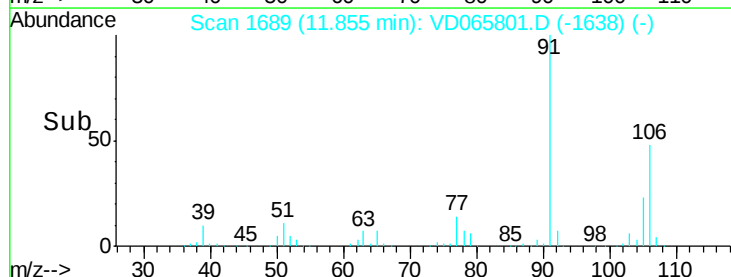
100000

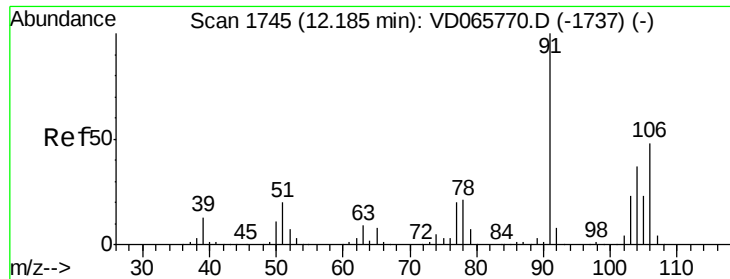
50000

0

11.80 11.86 11.90

Time-->

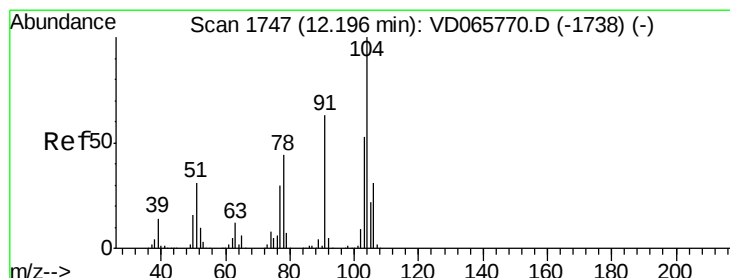
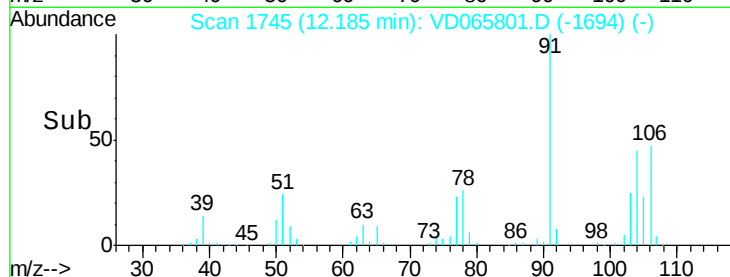
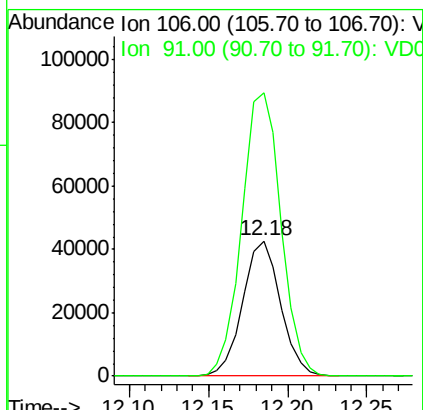
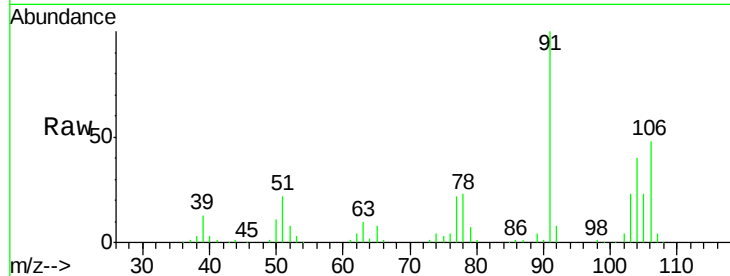




#69
o-Xylene
Concen: 19.780 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

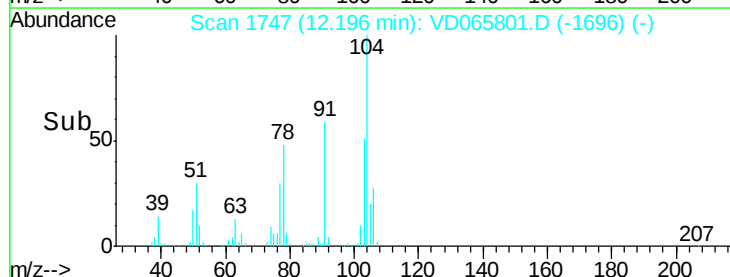
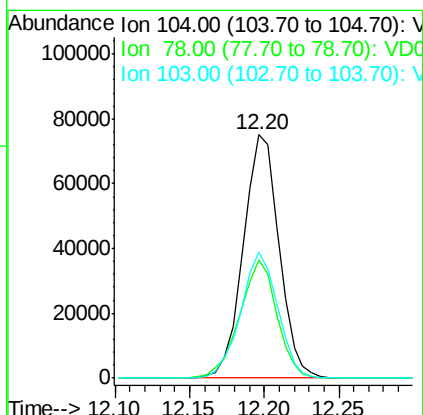
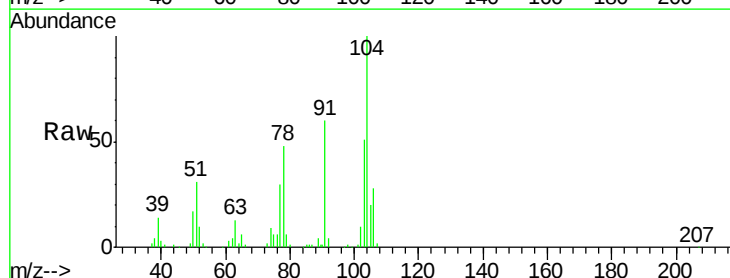
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

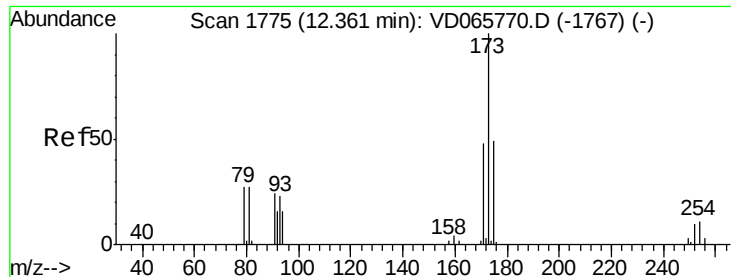
Tot Ion:106 Resp: 71009
Ion Ratio Lower Upper
106 100
91 216.4 105.3 315.8



#70
Styrene
Concen: 19.959 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion:104 Resp: 124039
Ion Ratio Lower Upper
104 100
78 50.5 38.6 58.0
103 54.0 43.9 65.9

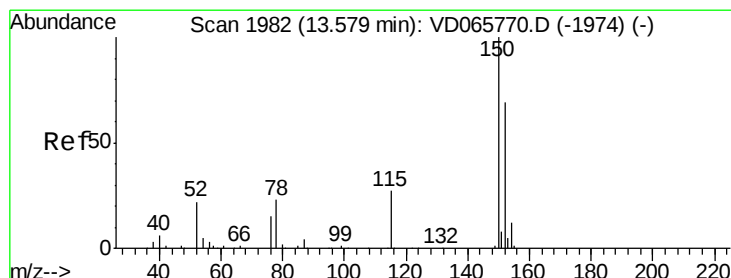
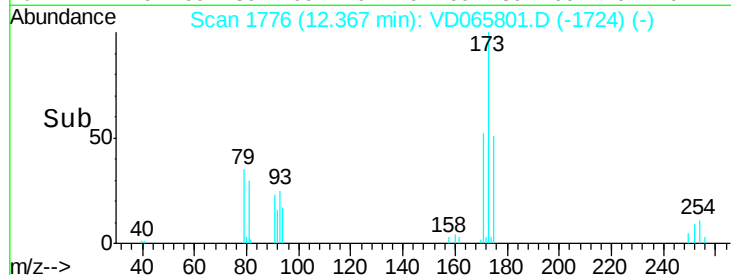
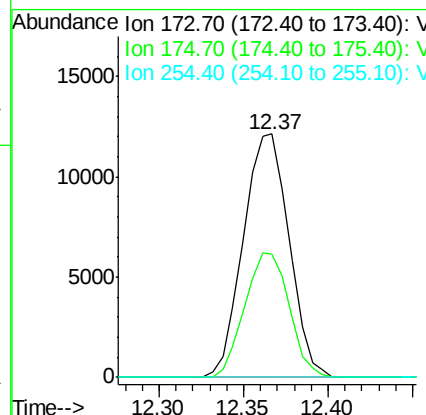
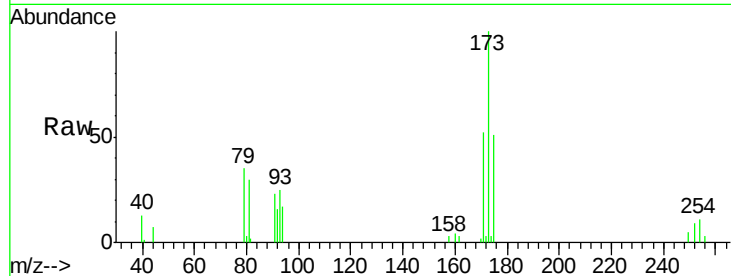




#71
Bromoform
Concen: 19.208 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

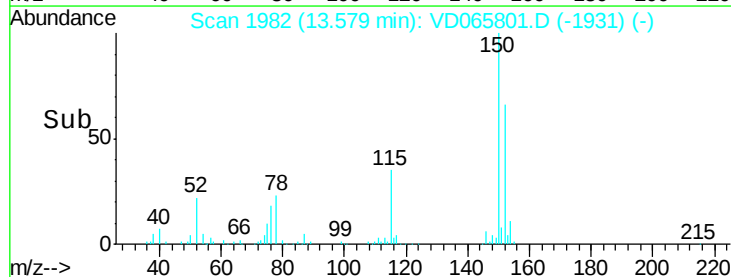
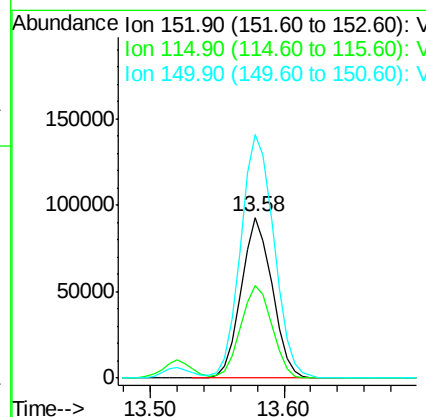
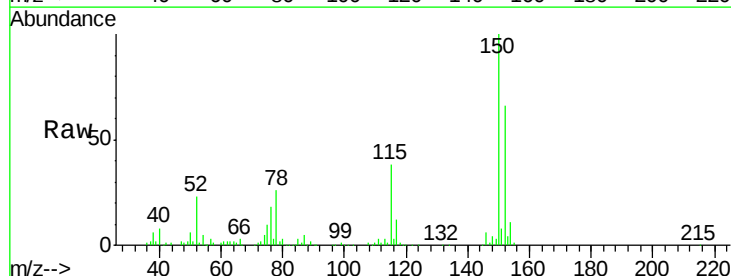
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

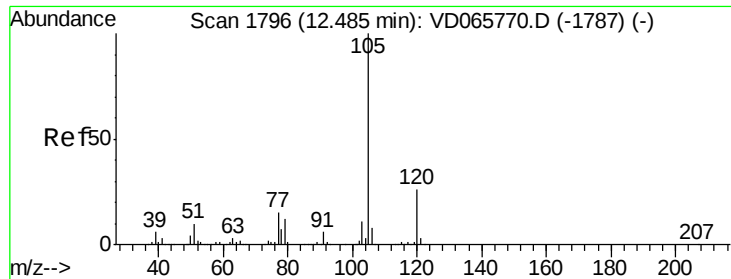
Tot Ion:173 Resp: 22813
Ion Ratio Lower Upper
173 100
175 49.7 24.8 74.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion:152 Resp: 149531
Ion Ratio Lower Upper
152 100
115 58.3 28.7 86.1
150 162.4 0.0 348.0





#73

Isopropylbenzene

Concen: 20.044 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

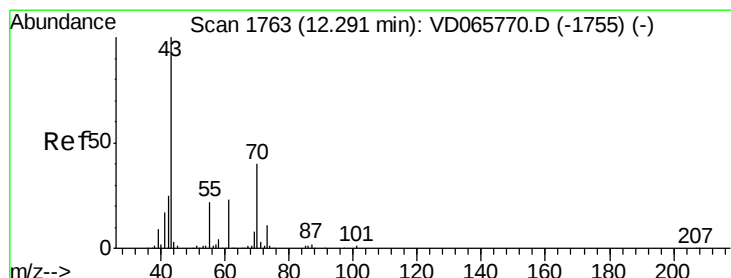
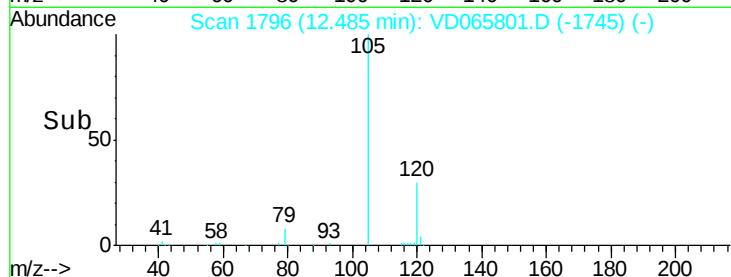
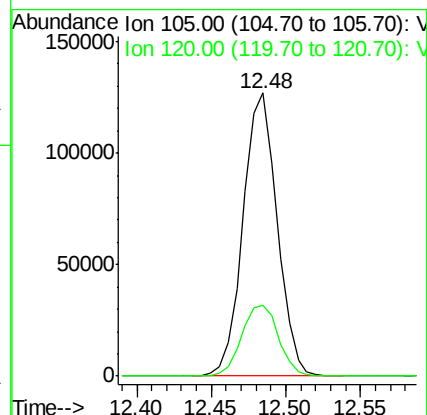
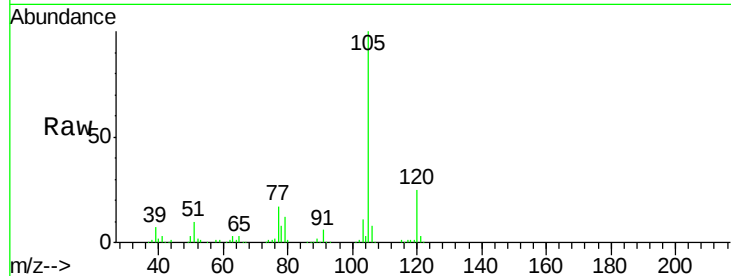
VD0618SBSD01

Tot Ion:105 Resp: 200950

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 19.623 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Tgt Ion: 43 Resp: 43768

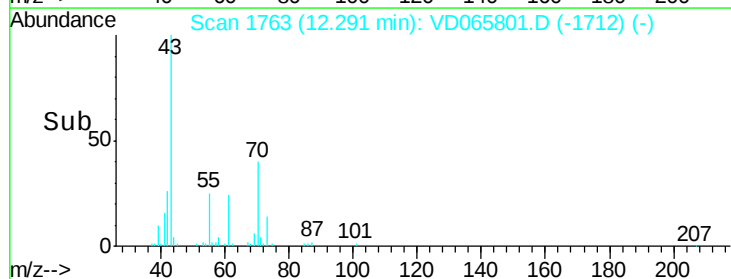
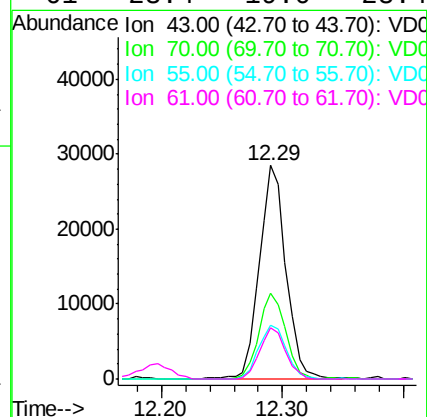
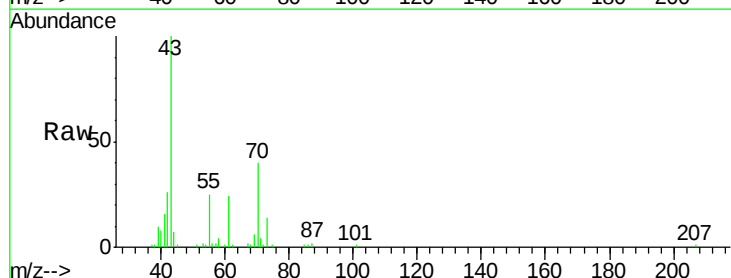
Ion Ratio Lower Upper

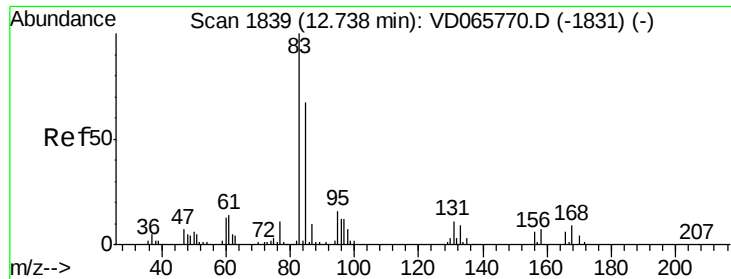
43 100

70 40.1 32.3 48.5

55 26.0 19.0 28.4

61 23.4 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.438 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

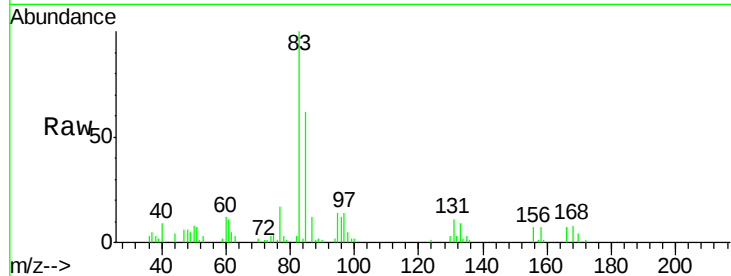
Tot Ion: 83 Resp: 34605

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

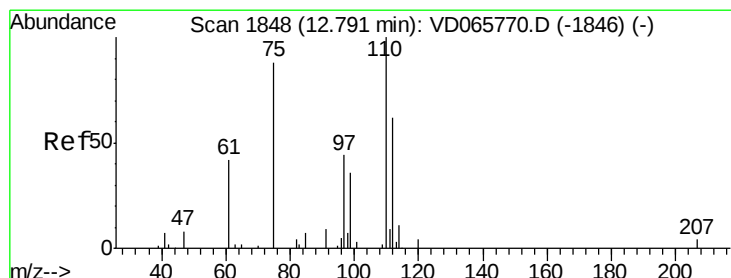
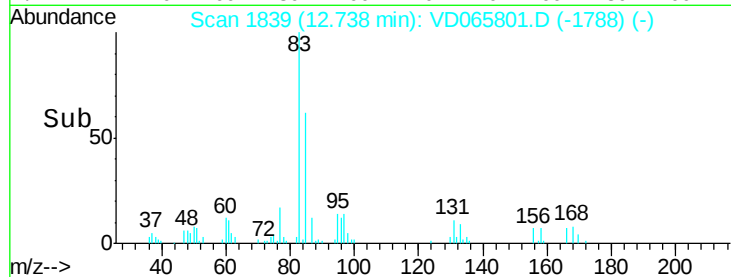
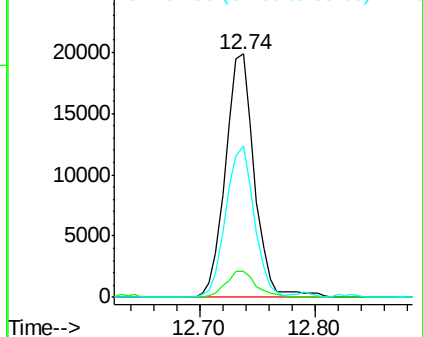
85 60.9 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 20.932 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065801.D

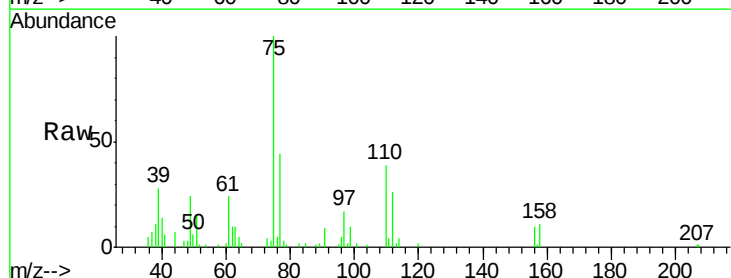
Acq: 18 Jun 2020 12:04

Tgt Ion: 75 Resp: 24342

Ion Ratio Lower Upper

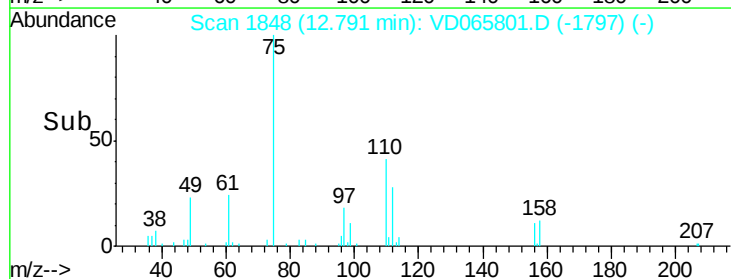
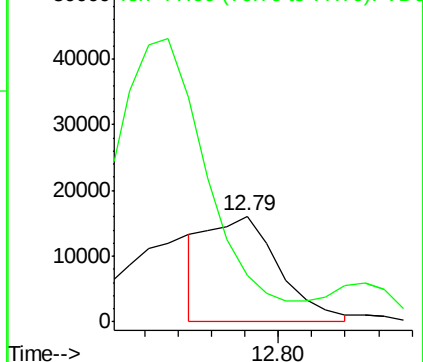
75 100

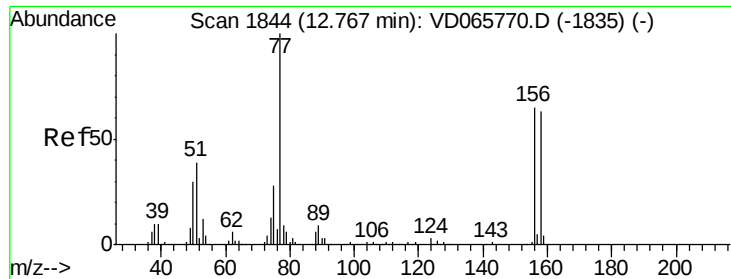
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.046 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

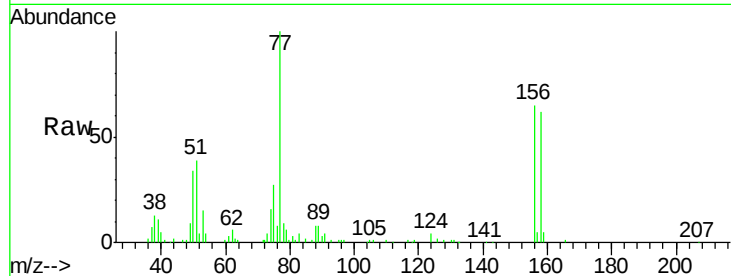
Tot Ion:156 Resp: 47551

Ion Ratio Lower Upper

156 100

77 178.5 87.3 261.8

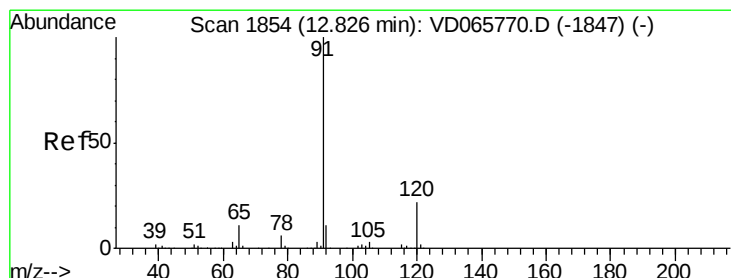
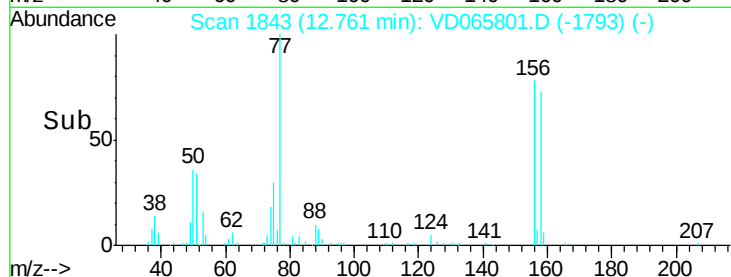
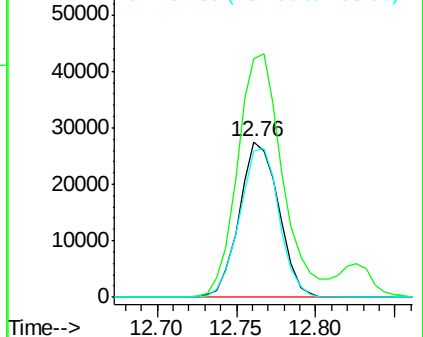
158 95.9 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.375 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065801.D

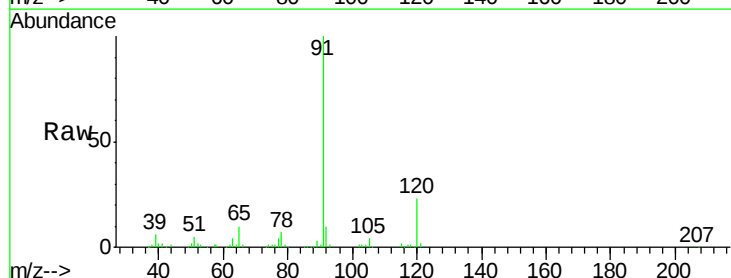
Acq: 18 Jun 2020 12:04

Tgt Ion: 91 Resp: 245886

Ion Ratio Lower Upper

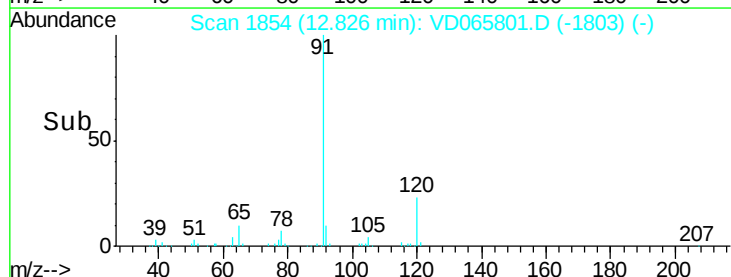
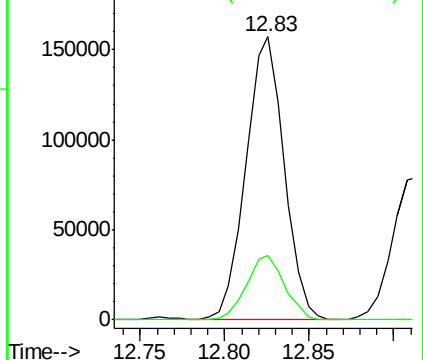
91 100

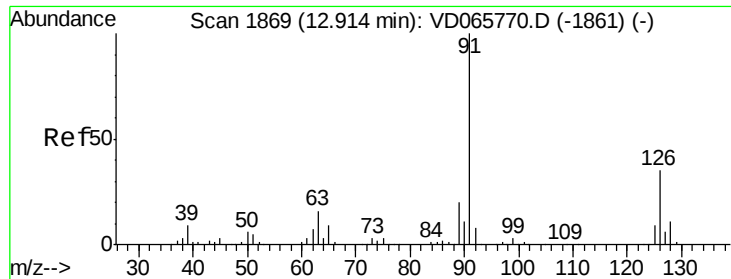
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

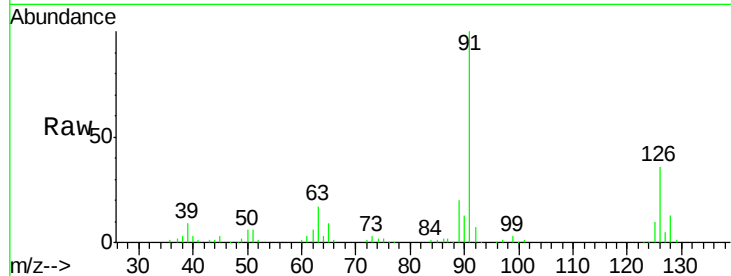




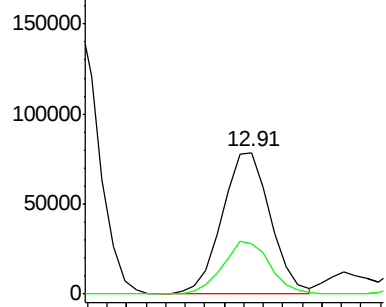
#79
 2-Chlorotoluene
 Concen: 20.361 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

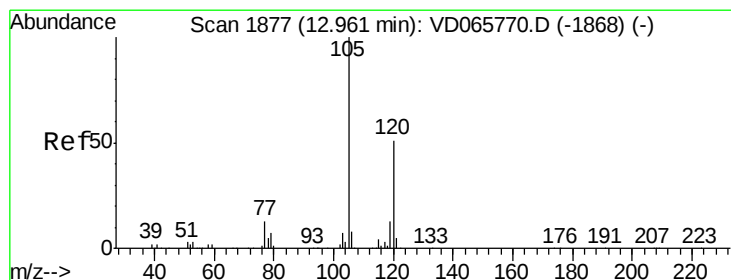
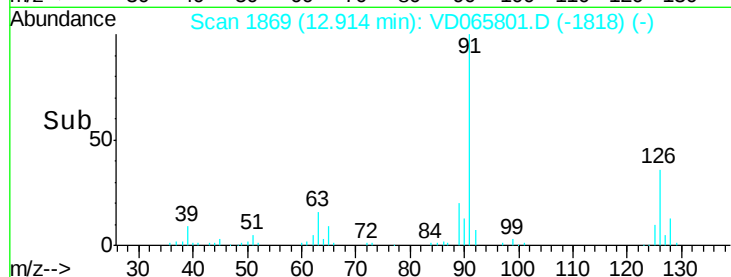
Tot Ion: 91 Resp: 134797
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.90 (125.60 to 126.60): V

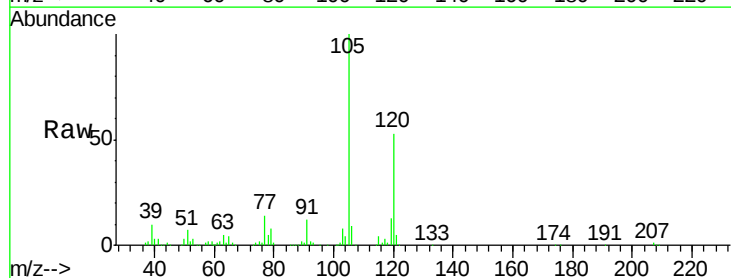


Time-->

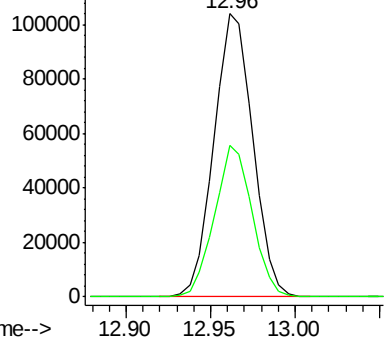


#80
 1,3,5-Trimethylbenzene
 Concen: 20.021 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

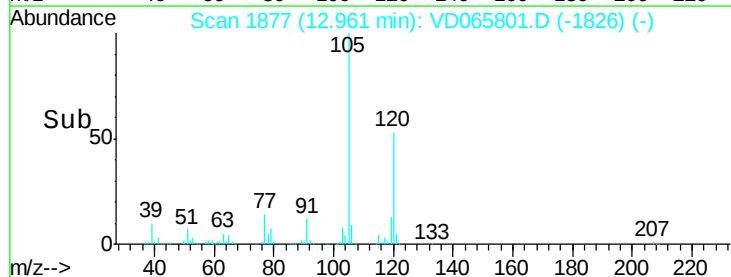
Tgt Ion: 105 Resp: 167033
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.4 76.0

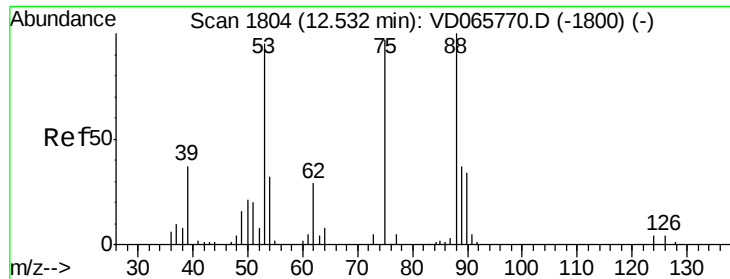


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.373 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

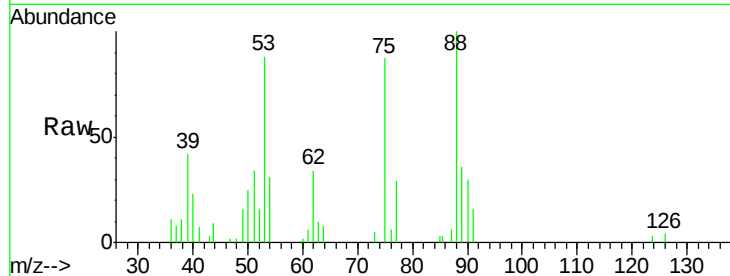
Tot Ion: 75 Resp: 10427

Ion Ratio Lower Upper

75 100

53 103.6 82.6 123.8

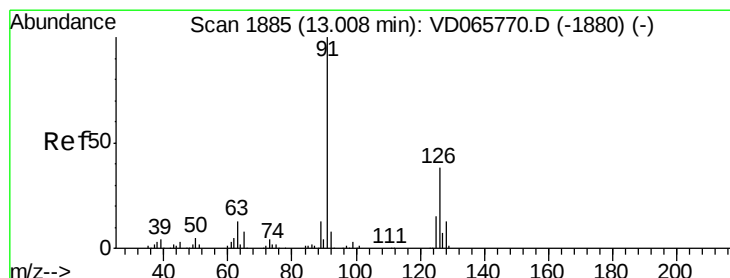
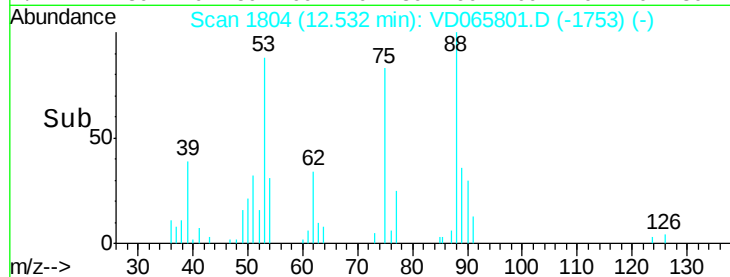
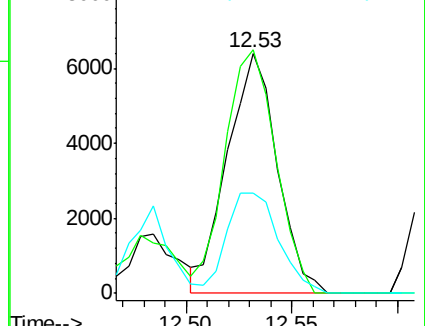
89 43.7 35.9 53.9



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: 20.372 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065801.D

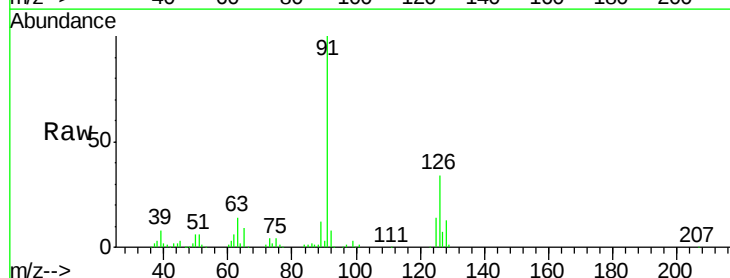
Acq: 18 Jun 2020 12:04

Tgt Ion: 91 Resp: 144759

Ion Ratio Lower Upper

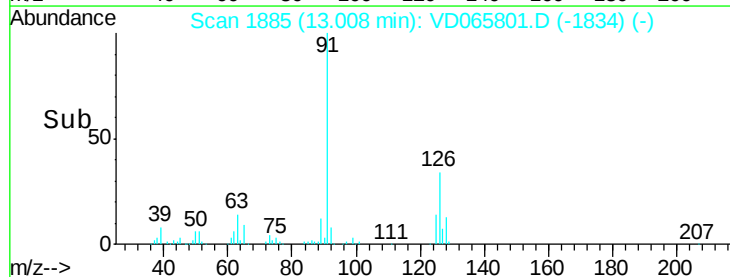
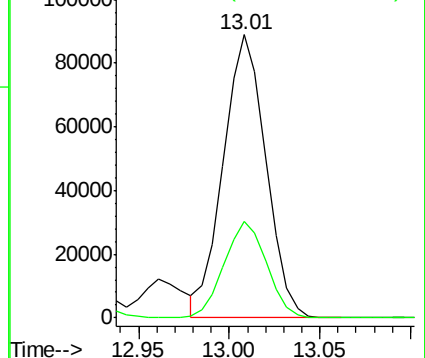
91 100

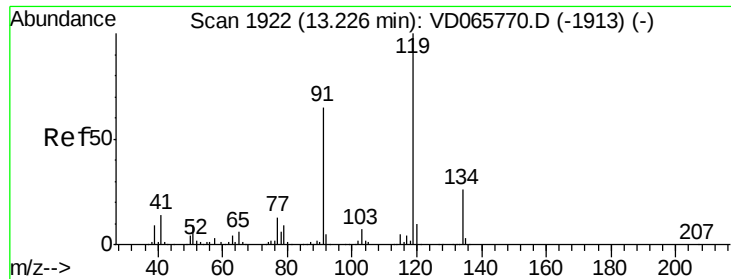
126 34.1 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

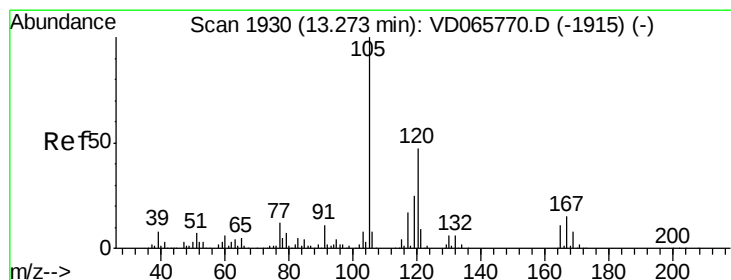
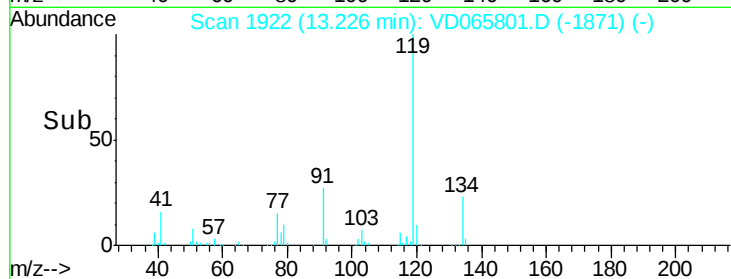
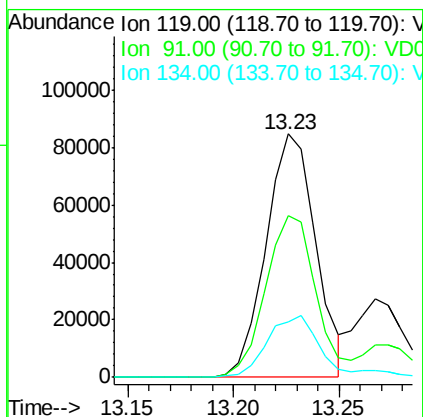
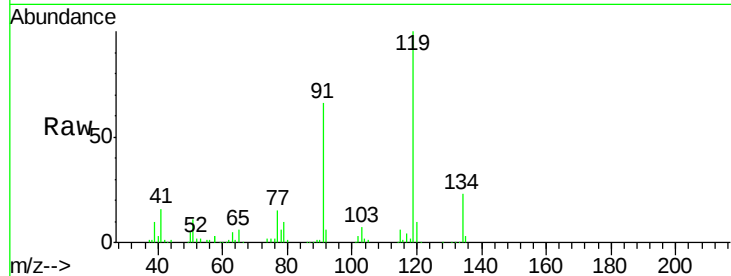




#83
tert-Butylbenzene
Concen: 19.194 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

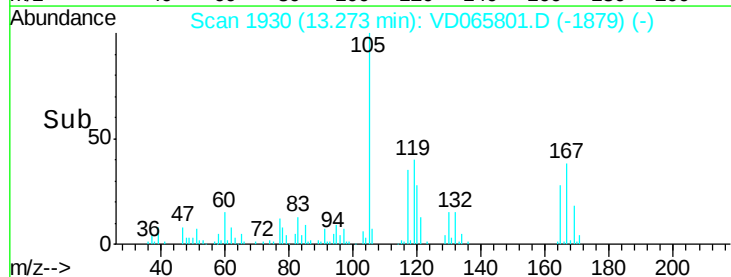
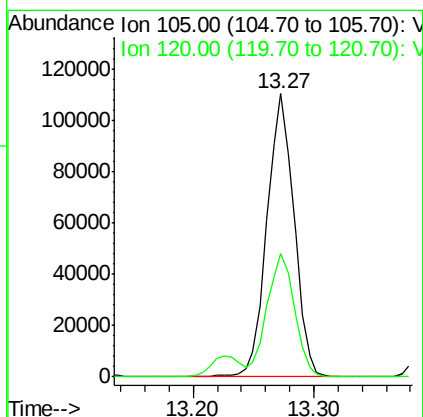
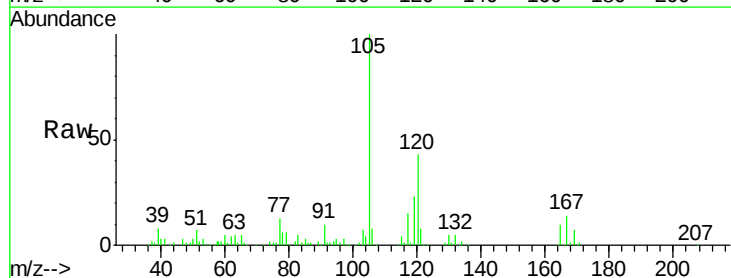
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

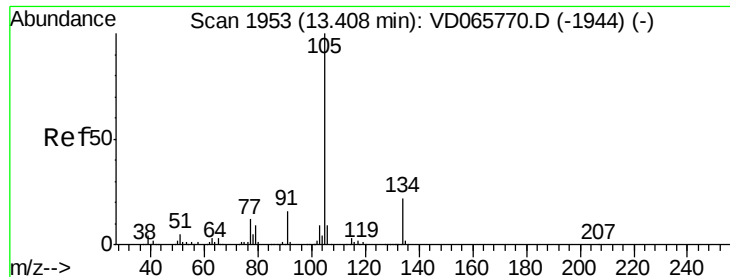
Tot Ion:119 Resp: 138943
Ion Ratio Lower Upper
119 100
91 67.5 32.0 96.0
134 25.9 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 20.481 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion:105 Resp: 171029
Ion Ratio Lower Upper
105 100
120 44.4 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.377 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

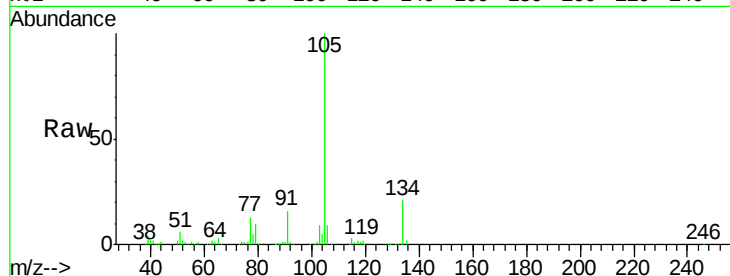
VD0618SBSD01

Tot Ion:105 Resp: 205288

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

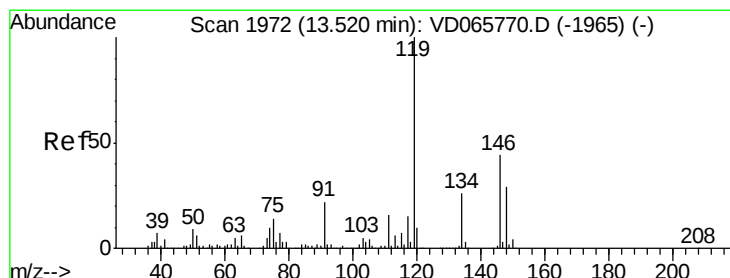
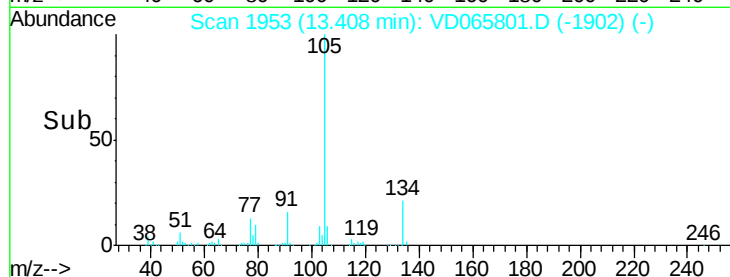
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.329 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

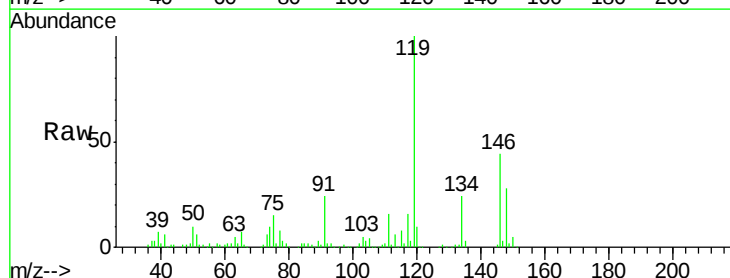
Tgt Ion:119 Resp: 187715

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 24.4 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

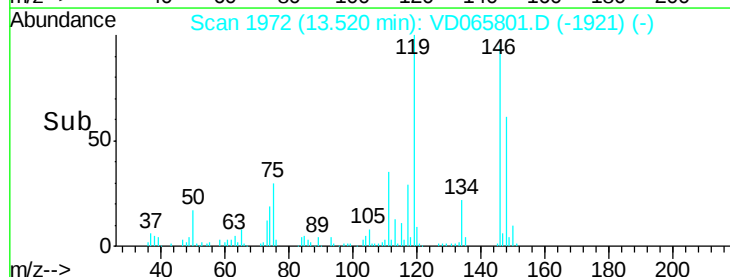
150000

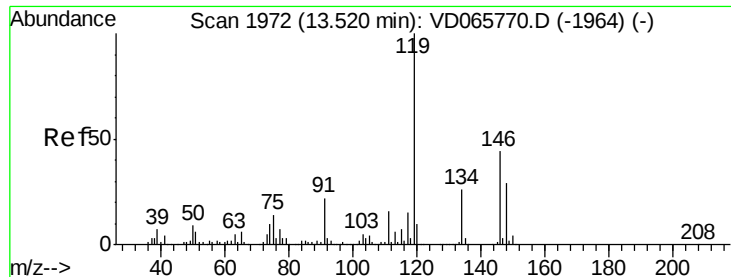
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.950 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

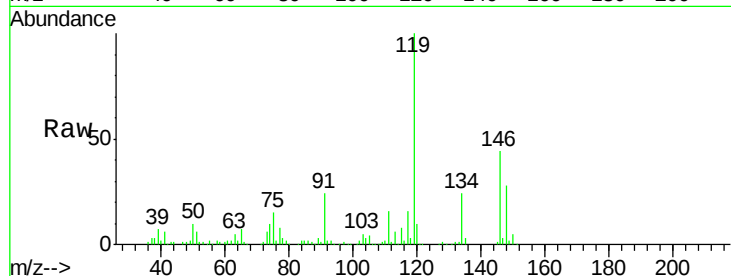
Tot Ion:146 Resp: 93307

Ion Ratio Lower Upper

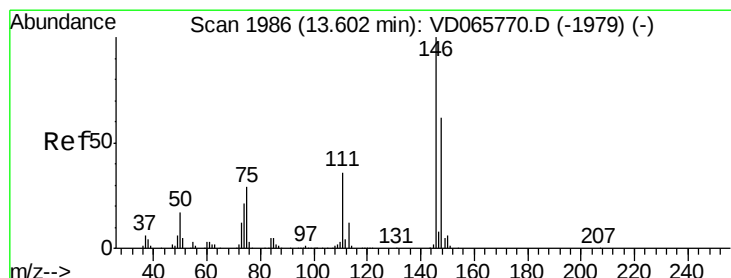
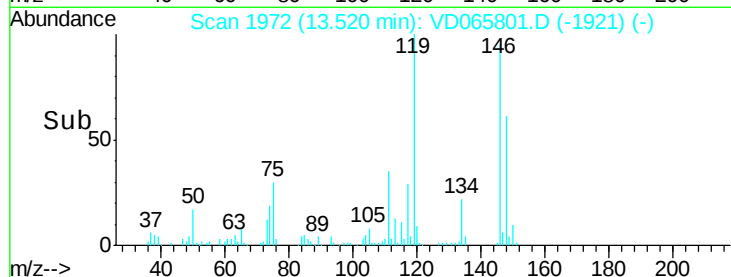
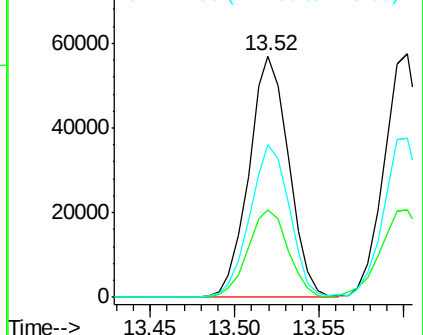
146 100

111 37.0 19.2 57.6

148 63.3 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 19.910 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

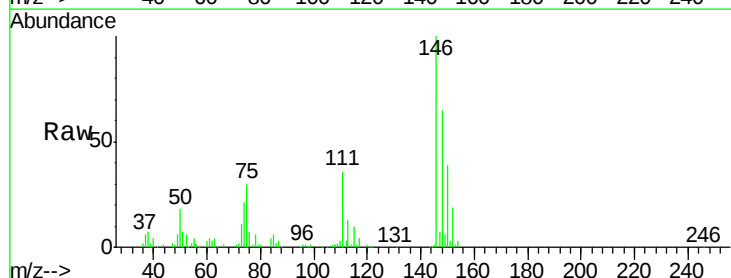
Tgt Ion:146 Resp: 92629

Ion Ratio Lower Upper

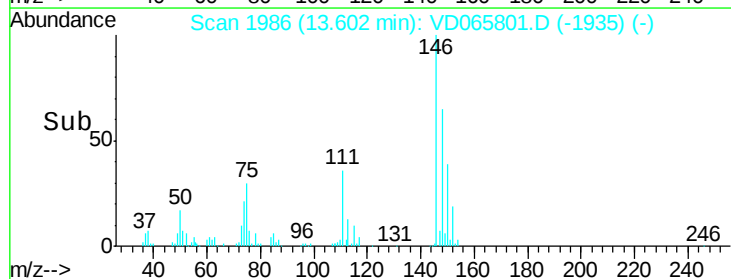
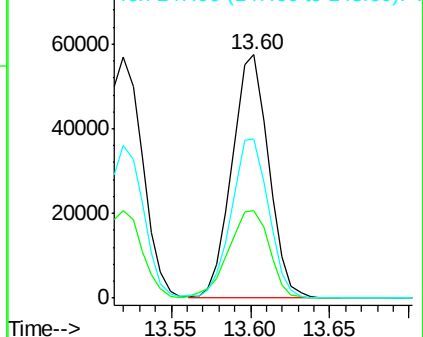
146 100

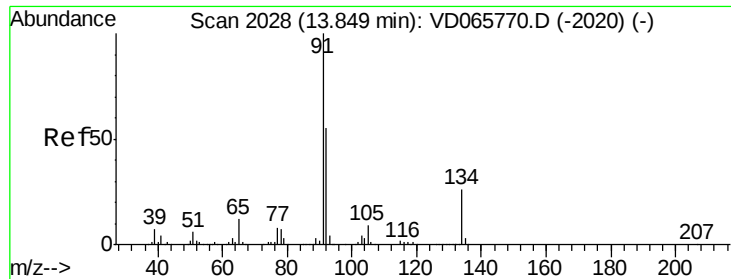
111 40.0 18.9 56.7

148 66.5 31.6 94.7



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

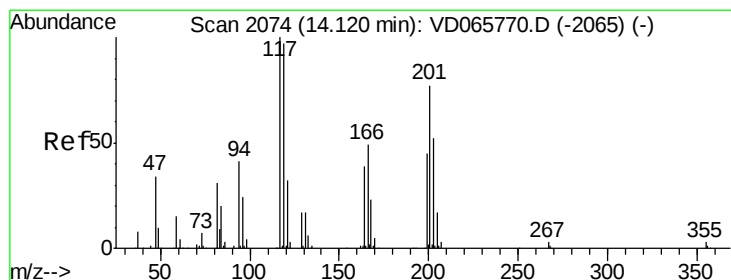
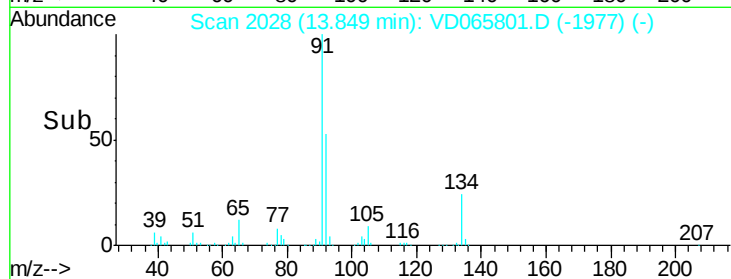
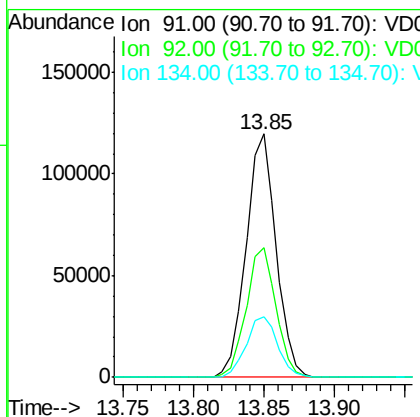
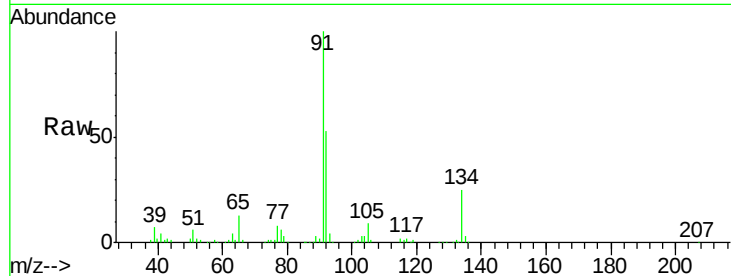




#89
n-Butylbenzene
Concen: 20.221 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

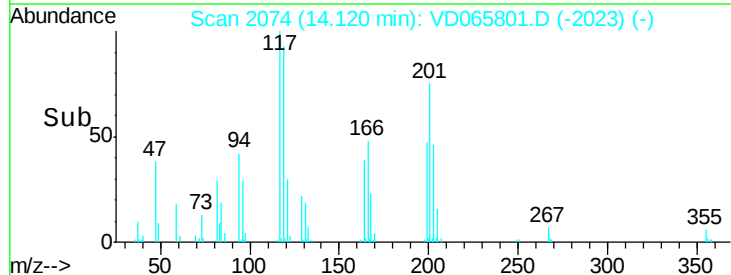
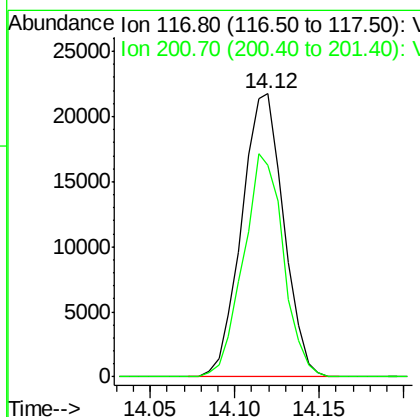
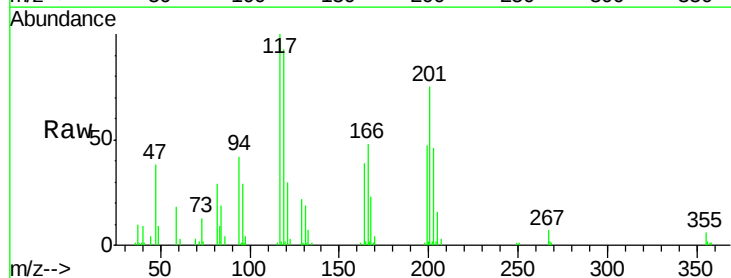
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

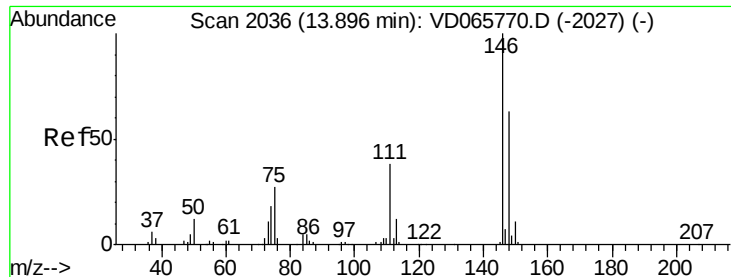
Tot Ion: 91 Resp: 178080
Ion Ratio Lower Upper
91 100
92 53.0 27.0 81.0
134 26.1 13.0 39.0



#90
Hexachloroethane
Concen: 20.304 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 117 Resp: 37528
Ion Ratio Lower Upper
117 100
201 75.0 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 19.705 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

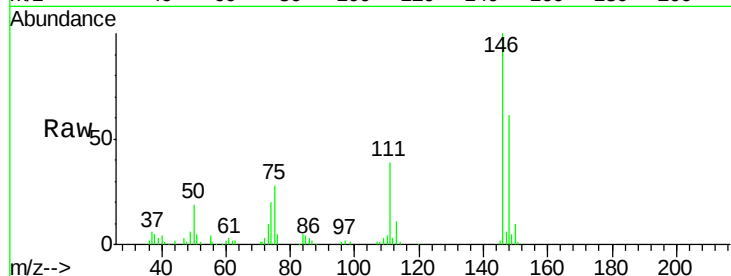
Tot Ion:146 Resp: 79317

Ion Ratio Lower Upper

146 100

111 40.5 19.8 59.4

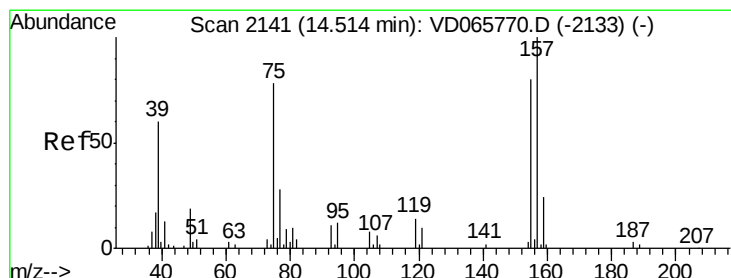
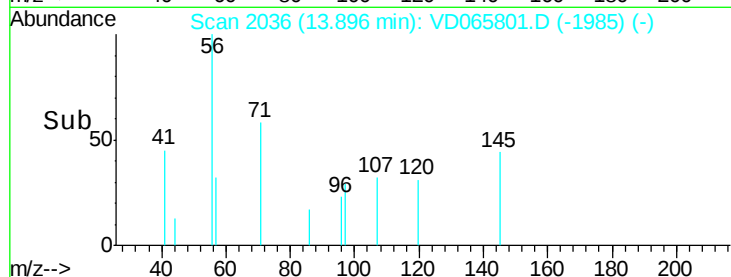
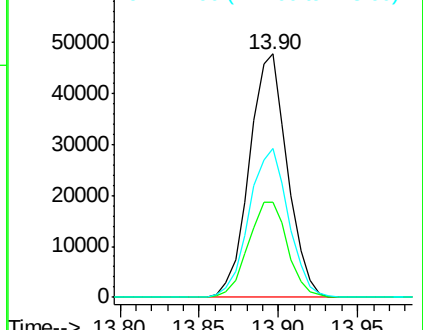
148 63.4 31.9 95.7



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: 19.412 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VD065801.D

Acq: 18 Jun 2020 12:04

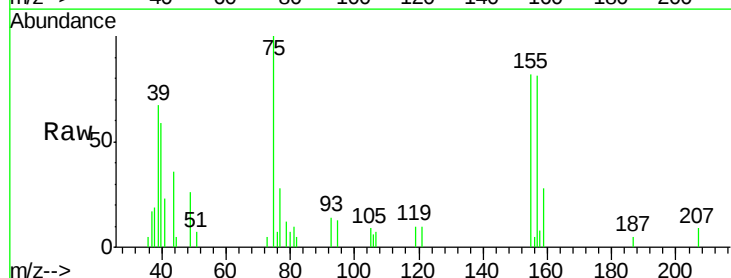
Tgt Ion: 75 Resp: 5470

Ion Ratio Lower Upper

75 100

155 92.4 46.3 138.9

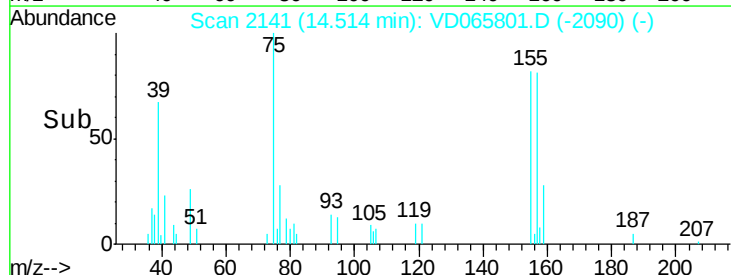
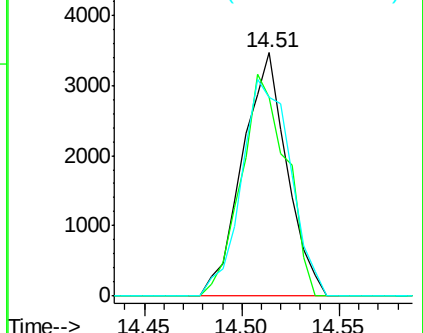
157 98.0 58.1 174.3

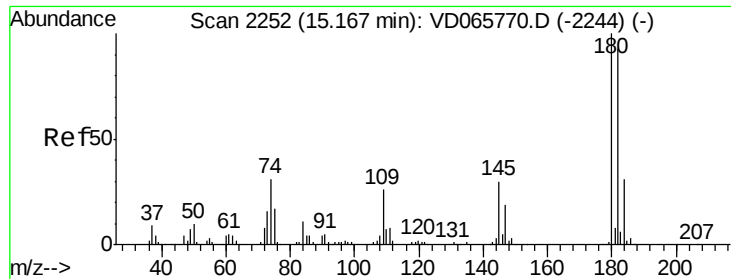


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

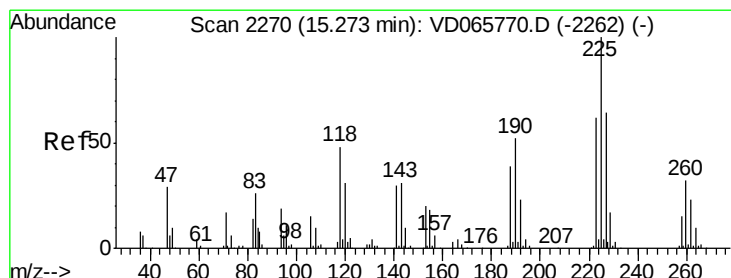
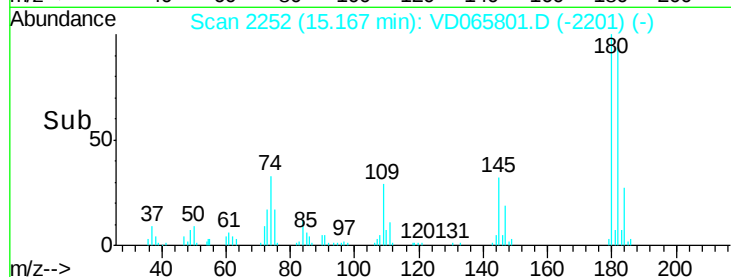
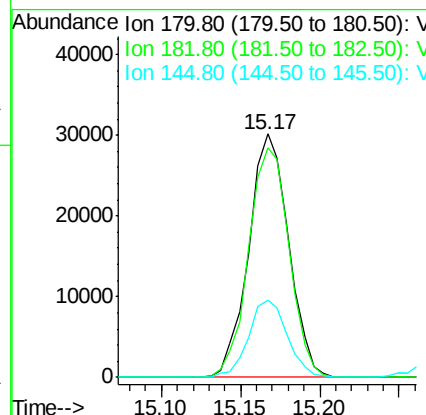
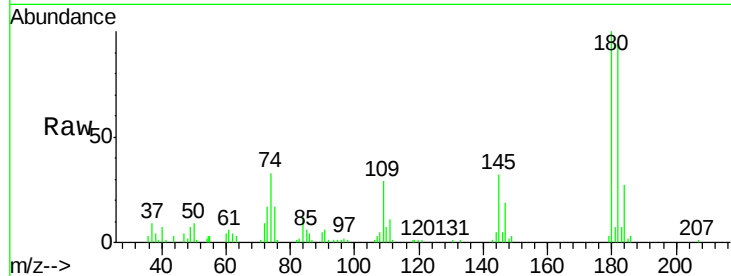




#93
 1,2,4-Trichlorobenzene
 Concen: 19.271 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

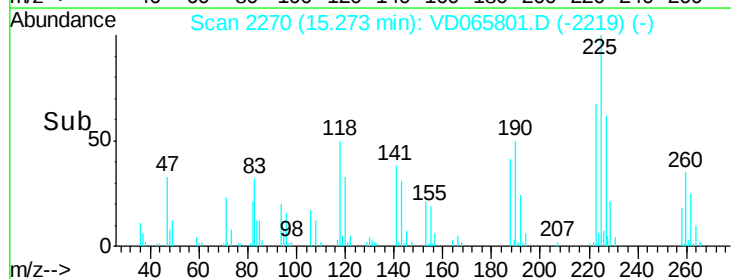
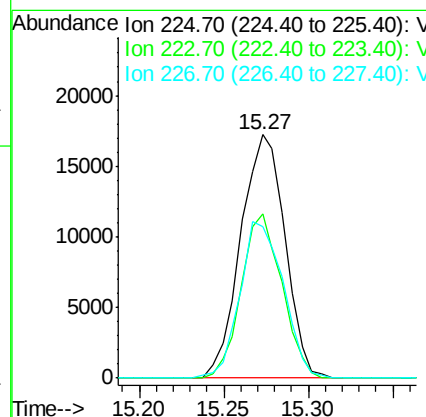
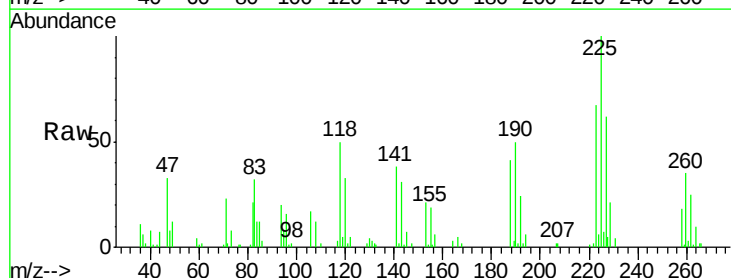
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

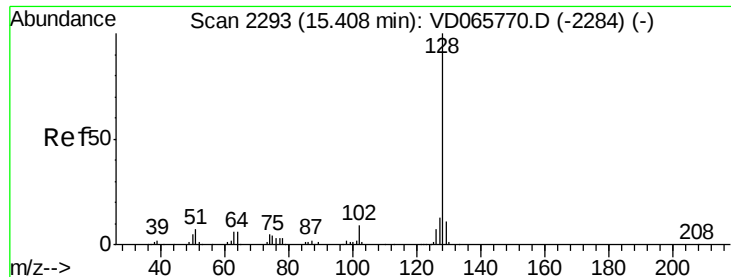
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.2
145	30.9	14.9	44.9



#94
 Hexachlorobutadiene
 Concen: 18.994 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065801.D
 Acq: 18 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.9	92.7
227	62.9	31.9	95.7

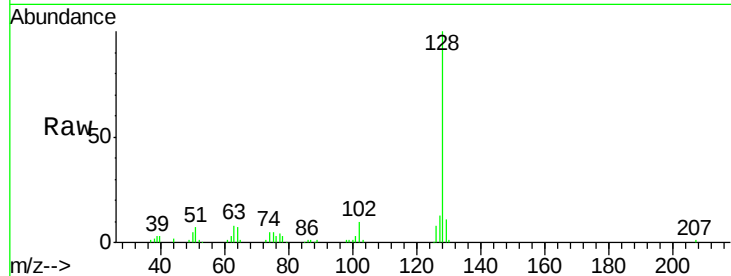




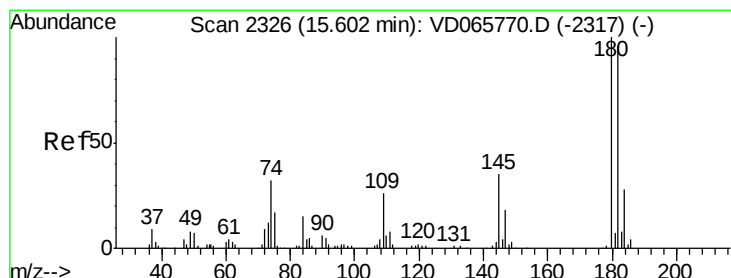
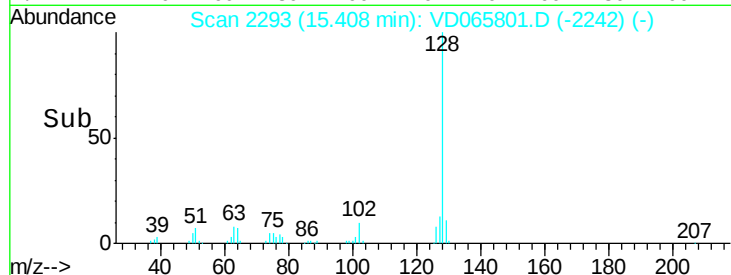
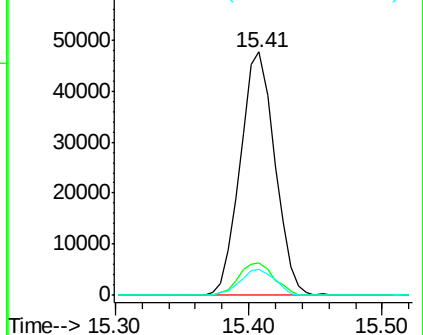
#95
Naphthalene
Concen: 18.487 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

Tot Ion:128 Resp: 85704
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 10.6 8.6 12.8

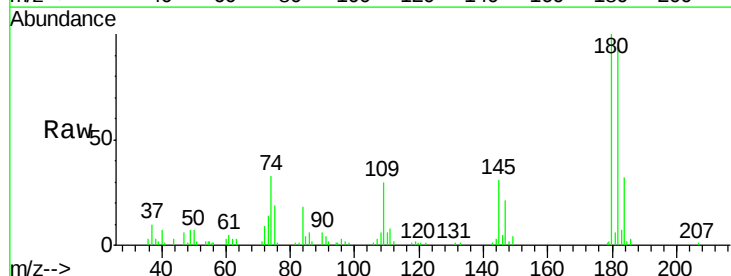


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.732 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD065801.D
Acq: 18 Jun 2020 12:04

Tgt Ion:180 Resp: 44154
Ion Ratio Lower Upper
180 100
182 96.2 47.0 141.2
145 31.6 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

