

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
 Data File : VD066431.D
 Acq On : 27 Aug 2020 12:39
 Operator : VA/SY
 Sample : VD0827SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

Quant Time: Aug 27 18:00:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	181552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	241269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	228668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	122865	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	100934	56.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.42%	
35) Dibromofluoromethane	7.91	113	81494	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
50) Toluene-d8	10.34	98	304059	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
62) 4-Bromofluorobenzene	12.63	95	110070	56.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	31110	20.156	ug/l	97
3) Chloromethane	2.21	50	17673	16.154	ug/l	96
4) Vinyl Chloride	2.35	62	21224	18.068	ug/l	96
5) Bromomethane	2.76	94	17617	20.051	ug/l	98
6) Chloroethane	2.91	64	13919	18.505	ug/l	94
7) Trichlorofluoromethane	3.27	101	64686	20.251	ug/l	97
8) Diethyl Ether	3.70	74	11737	16.400	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	29017	18.408	ug/l	96
10) Methyl Iodide	4.30	142	24988	13.898	ug/l #	90
11) Tert butyl alcohol	5.19	59	18080	161.694	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	26303	17.776	ug/l	99
13) Acrolein	3.91	56	5228	66.144	ug/l	95
14) Allyl chloride	4.71	41	30954	15.673	ug/l	87
15) Acrylonitrile	5.43	53	22479	78.283	ug/l	98
16) Acetone	4.15	43	29170	90.903	ug/l	98
17) Carbon Disulfide	4.41	76	71419	15.926	ug/l	99
18) Methyl Acetate	4.71	43	9753	16.194	ug/l #	88
19) Methyl tert-butyl Ether	5.47	73	65224	18.306	ug/l #	91
20) Methylene Chloride	4.96	84	33930	15.406	ug/l #	89
21) trans-1,2-Dichloroethene	5.46	96	29308	17.015	ug/l	97
22) Diisopropyl ether	6.36	45	63983	16.732	ug/l	96
23) Vinyl Acetate	6.30	43	191953	81.087	ug/l #	93
24) 1,1-Dichloroethane	6.26	63	46191	17.093	ug/l	94
25) 2-Butanone	7.20	43	29832	81.890	ug/l	92
26) 2,2-Dichloropropane	7.20	77	58205	20.096	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	32064	17.373	ug/l	94
28) Bromochloromethane	7.54	49	15261	16.395	ug/l	90
29) Tetrahydrofuran	7.56	42	16490	79.695	ug/l	88
30) Chloroform	7.71	83	58403	18.680	ug/l	96
31) Cyclohexane	7.98	56	41848	16.933	ug/l #	85
32) 1,1,1-Trichloroethane	7.90	97	65284	20.402	ug/l	98
36) 1,1-Dichloropropene	8.11	75	41790	18.983	ug/l	99
37) Ethyl Acetate	7.28	43	13382	17.873	ug/l #	66
38) Carbon Tetrachloride	8.09	117	65417	22.808	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
 Data File : VD066431.D
 Acq On : 27 Aug 2020 12:39
 Operator : VA/SY
 Sample : VD0827SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

Quant Time: Aug 27 18:00:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	48632	18.753	ug/l	93
40) Benzene	8.34	78	107904	18.632	ug/l	97
41) Methacrylonitrile	7.56	41	19793	42.867	ug/l #	59
42) 1,2-Dichloroethane	8.42	62	43630	21.390	ug/l	99
43) Isopropyl Acetate	8.45	43	26131	17.388	ug/l	96
44) Trichloroethene	9.11	130	36770	19.540	ug/l	99
45) 1,2-Dichloropropane	9.38	63	22856	17.409	ug/l	99
46) Dibromomethane	9.47	93	15583	19.063	ug/l	95
47) Bromodichloromethane	9.66	83	46421	20.650	ug/l	98
48) Methyl methacrylate	9.45	41	12290	15.859	ug/l #	88
49) 1,4-Dioxane	9.46	88	3649	384.436	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	65762	90.456	ug/l	98
52) Toluene	10.40	92	77012	19.628	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	41996	19.688	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	44998	18.794	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	20520	18.543	ug/l	92
56) Ethyl methacrylate	10.66	69	23152	18.073	ug/l #	88
57) 1,3-Dichloropropane	10.94	76	33173	18.123	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	49653	93.322	ug/l	90
59) 2-Hexanone	10.98	43	46170	90.034	ug/l	99
60) Dibromochloromethane	11.14	129	32694	19.600	ug/l	99
61) 1,2-Dibromoethane	11.24	107	20422	18.752	ug/l	97
64) Tetrachloroethene	10.87	164	34849	20.090	ug/l	96
65) Chlorobenzene	11.67	112	86343	18.979	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	36410	19.584	ug/l	96
67) Ethyl Benzene	11.74	91	153151	19.125	ug/l	98
68) m/p-Xylenes	11.86	106	121029	39.652	ug/l	99
69) o-Xylene	12.18	106	54004	19.019	ug/l	98
70) Styrene	12.19	104	96692	19.832	ug/l	100
71) Bromoform	12.36	173	20238	19.187	ug/l #	97
73) Isopropylbenzene	12.48	105	156318	18.992	ug/l	99
74) N-amyl acetate	12.29	43	23192	15.601	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	19635	16.700	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	30685	35.500	ug/l #	1
77) Bromobenzene	12.76	156	38856	18.600	ug/l	98
78) n-propylbenzene	12.82	91	178904	18.957	ug/l	100
79) 2-Chlorotoluene	12.91	91	101876	18.901	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	137527	19.352	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	6714	16.488	ug/l	92
82) 4-Chlorotoluene	13.01	91	107500	18.825	ug/l	100
83) tert-Butylbenzene	13.23	119	121218	19.638	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	134957	19.335	ug/l	99
85) sec-Butylbenzene	13.40	105	149853	18.529	ug/l	96
86) p-Isopropyltoluene	13.52	119	152422	19.546	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	74283	19.049	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	75055	19.169	ug/l	98
89) n-Butylbenzene	13.84	91	129116	18.763	ug/l	98
90) Hexachloroethane	14.11	117	27616	17.927	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	64951	19.348	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4965	20.134	ug/l	89

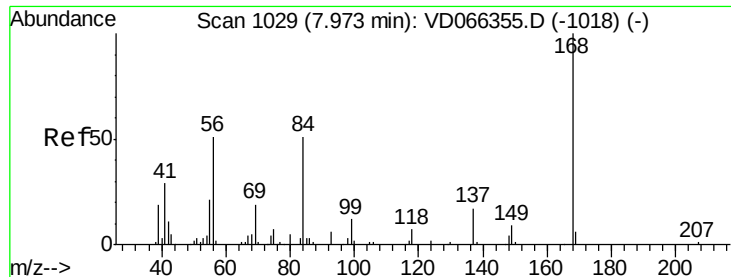
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
Data File : VD066431.D
Acq On : 27 Aug 2020 12:39
Operator : VA/SY
Sample : VD0827SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

Quant Time: Aug 27 18:00:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	49259	18.796	ug/l	97
94) Hexachlorobutadiene	15.27	225	32705	20.081	ug/l	98
95) Naphthalene	15.40	128	78720	19.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	43903	19.555	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

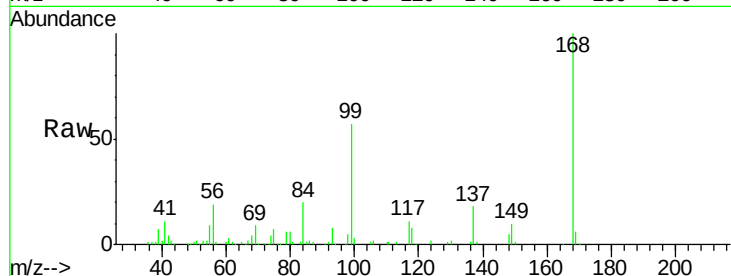
VD0827SBS01

Tgt Ion:168 Resp: 181552

Ion Ratio Lower Upper

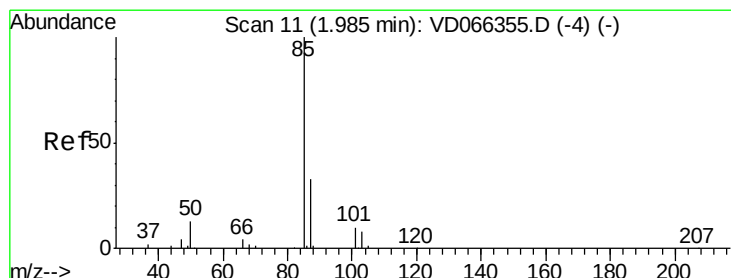
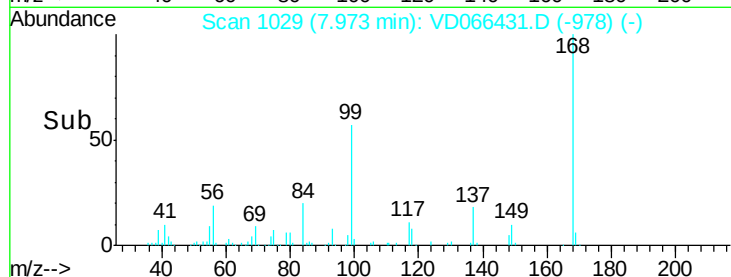
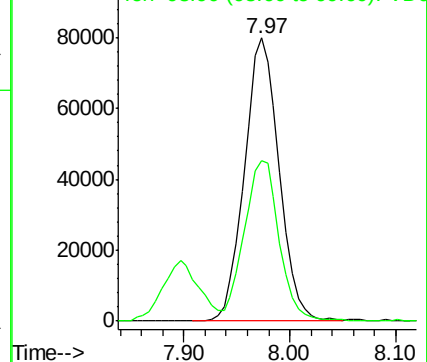
168 100

99 56.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.156 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066431.D

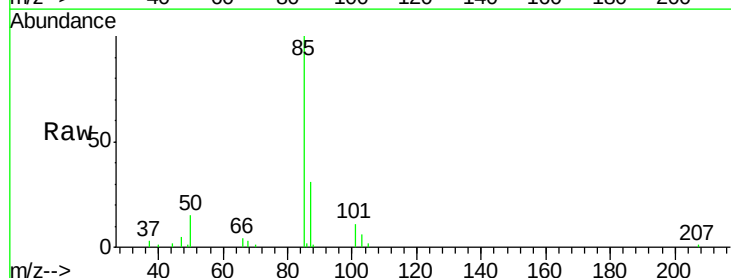
Acq: 27 Aug 2020 12:39

Tgt Ion: 85 Resp: 31110

Ion Ratio Lower Upper

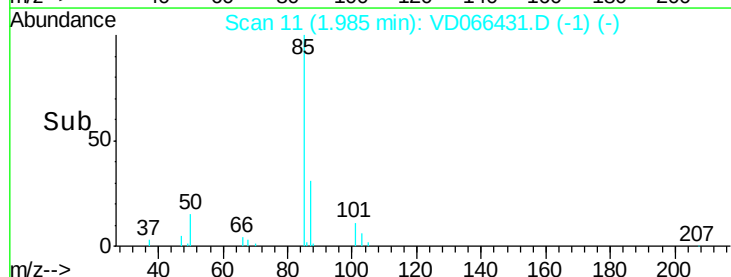
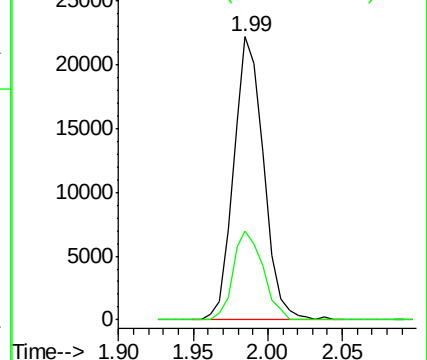
85 100

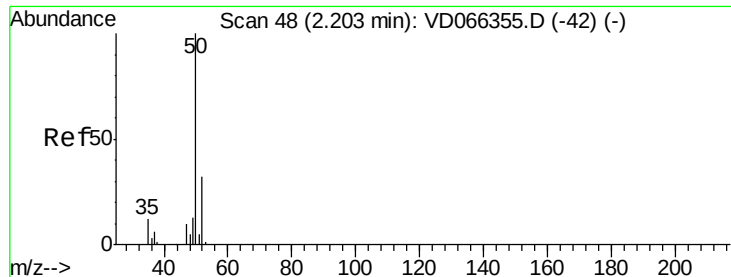
87 31.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 16.154 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

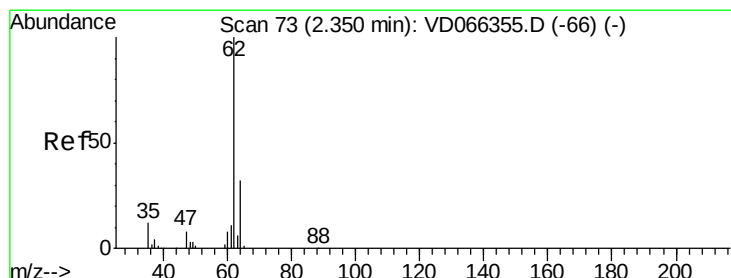
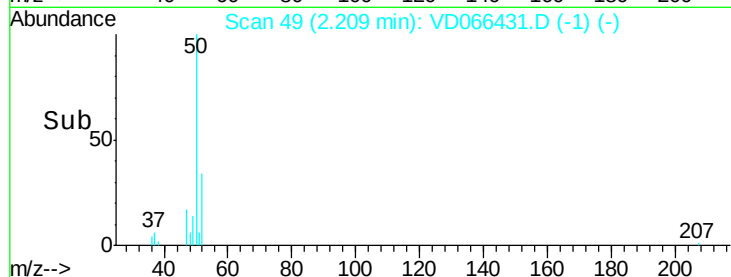
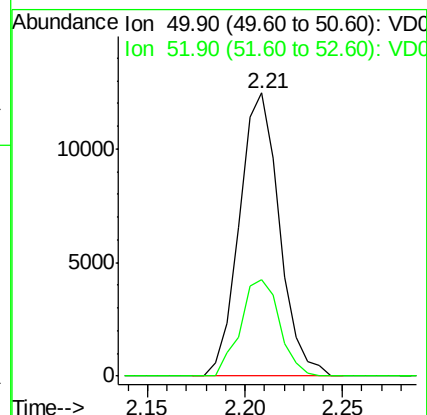
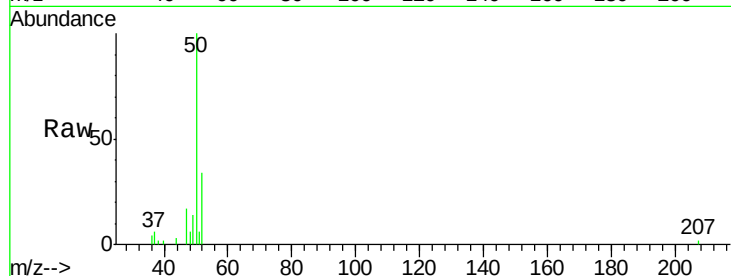
VD0827SBS01

Tgt Ion: 50 Resp: 17673

Ion Ratio Lower Upper

50 100

52 34.2 25.7 38.5



#4

Vinyl Chloride

Concen: 18.068 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066431.D

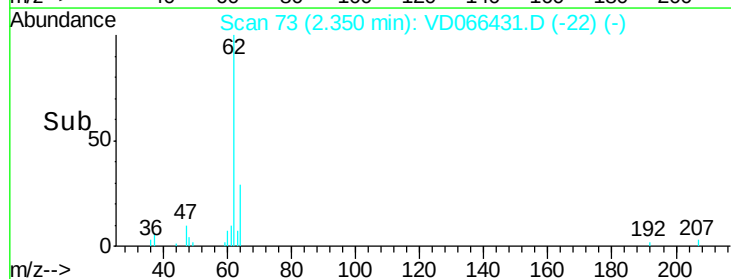
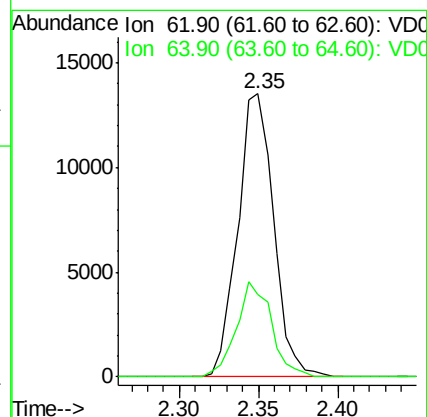
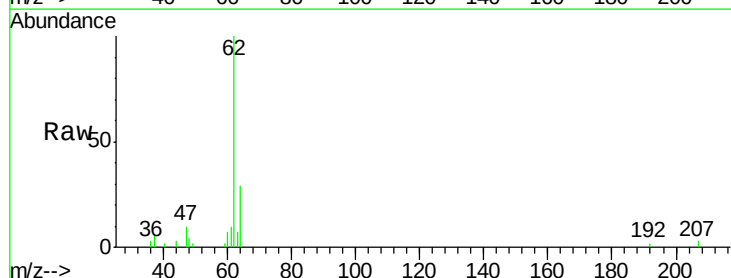
Acq: 27 Aug 2020 12:39

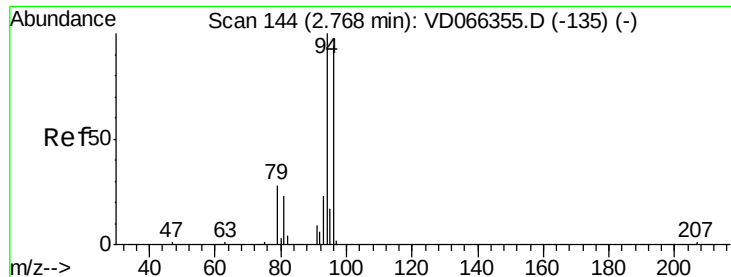
Tgt Ion: 62 Resp: 21224

Ion Ratio Lower Upper

62 100

64 29.3 25.4 38.2





#5

Bromomethane

Concen: 20.051 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

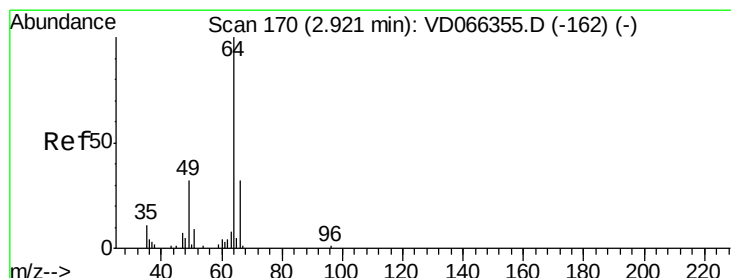
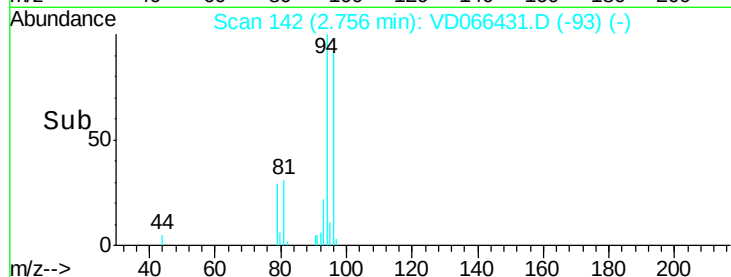
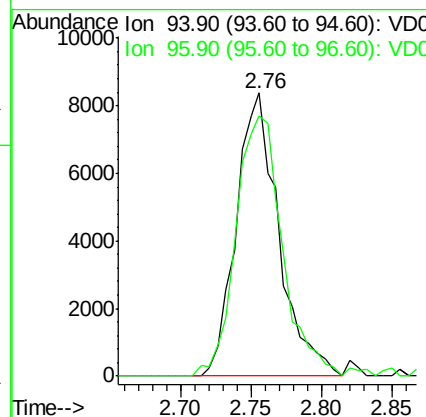
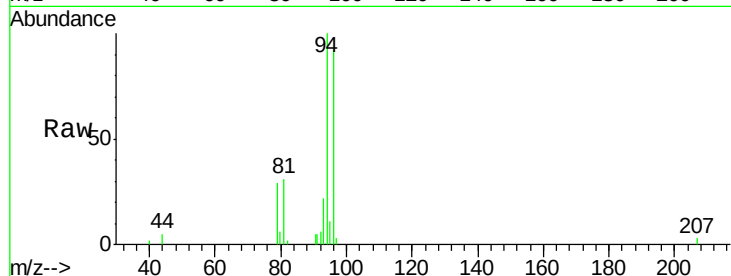
VD0827SBS01

Tgt Ion: 94 Resp: 17617

Ion Ratio Lower Upper

94 100

96 91.9 75.0 112.4



#6

Chloroethane

Concen: 18.505 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066431.D

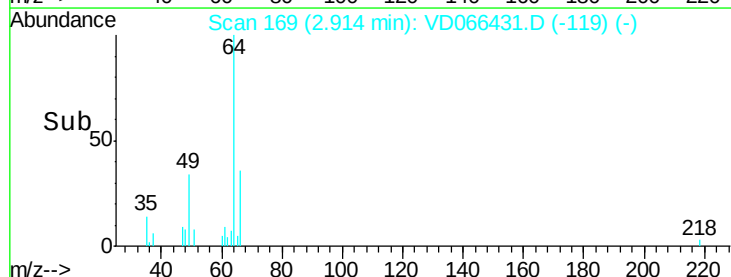
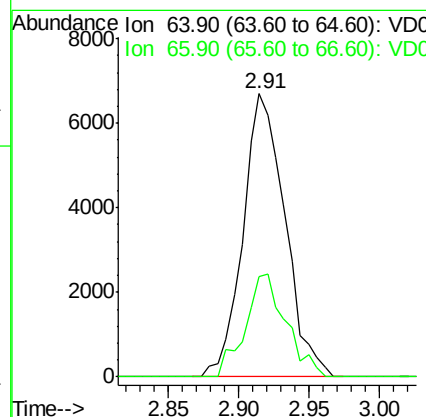
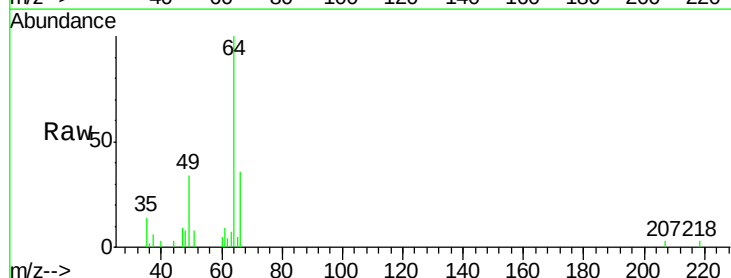
Acq: 27 Aug 2020 12:39

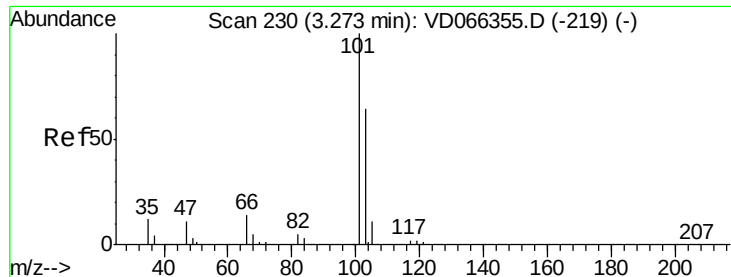
Tgt Ion: 64 Resp: 13919

Ion Ratio Lower Upper

64 100

66 35.6 25.9 38.9



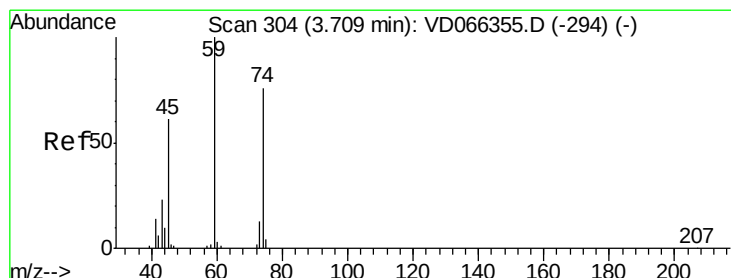
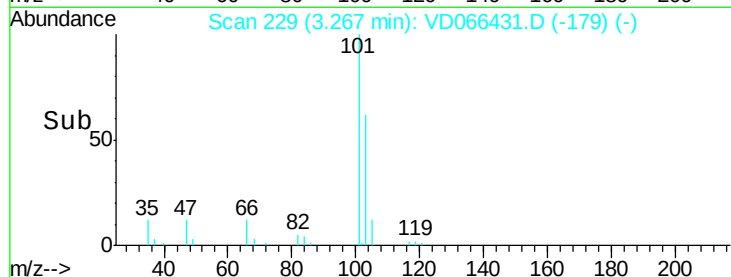
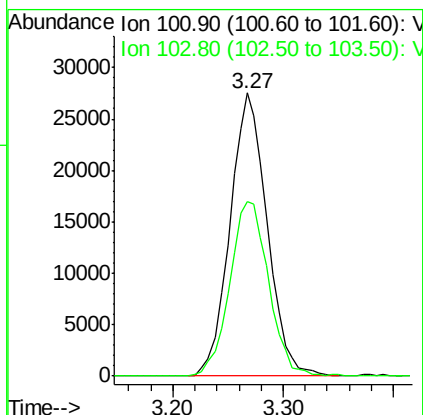
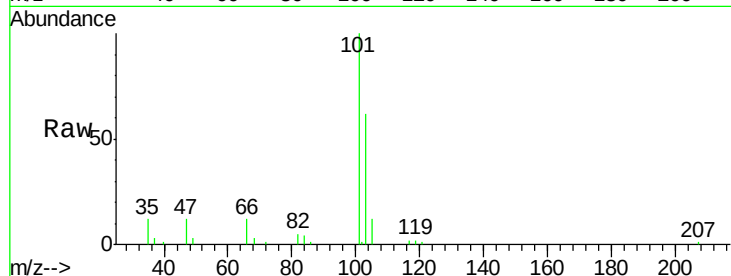


#7

Trichlorofluoromethane
 Concen: 20.251 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

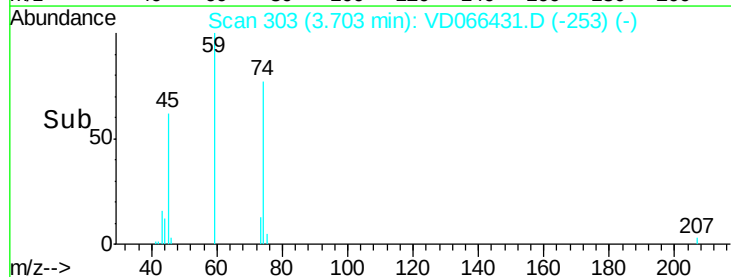
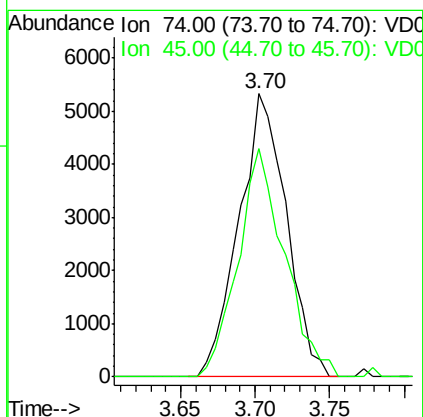
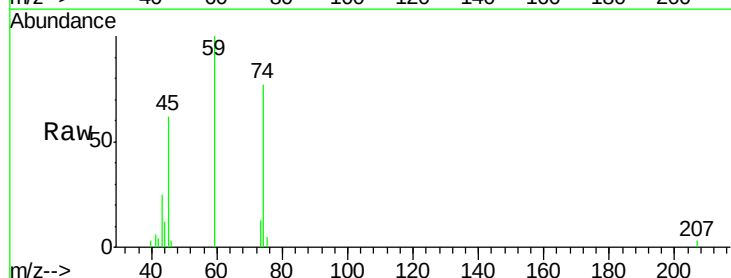
Tgt Ion:101 Resp: 64686
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.4 77.0

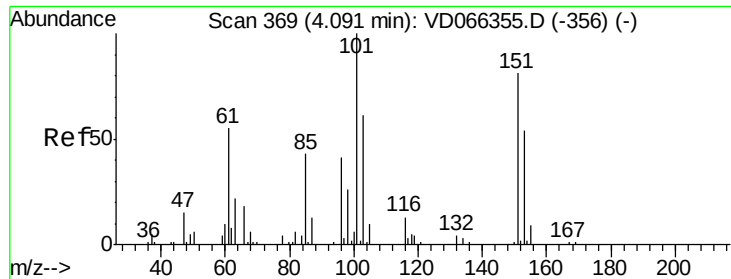


#8

Diethyl Ether
 Concen: 16.400 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion: 74 Resp: 11737
 Ion Ratio Lower Upper
 74 100
 45 79.1 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.408 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

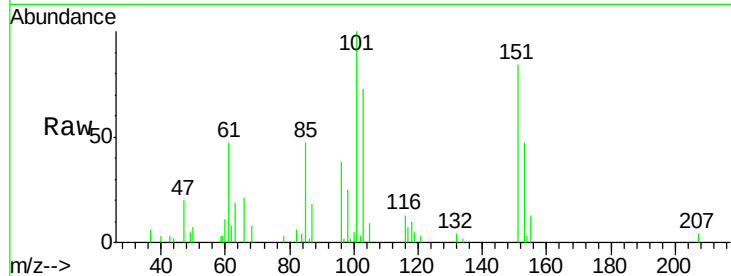
Tgt Ion:101 Resp: 29017

Ion Ratio Lower Upper

101 100

85 48.2 36.4 54.6

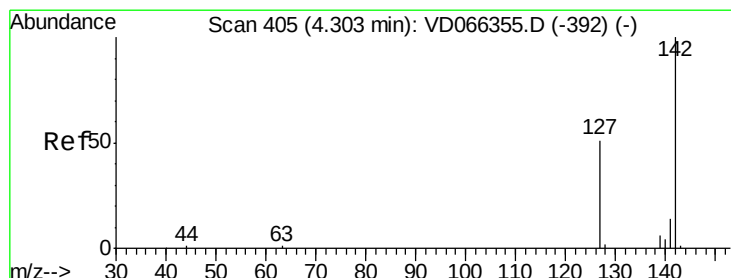
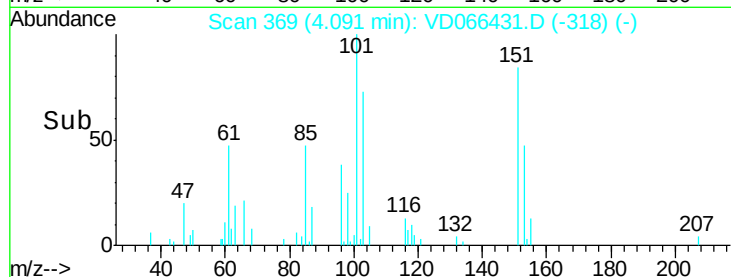
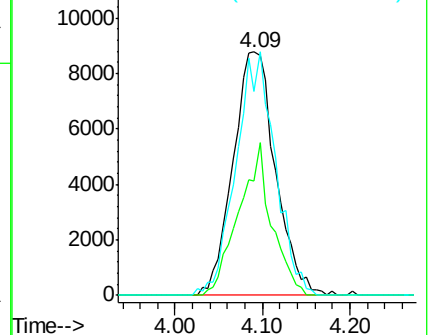
151 92.5 70.5 105.7



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: 13.898 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

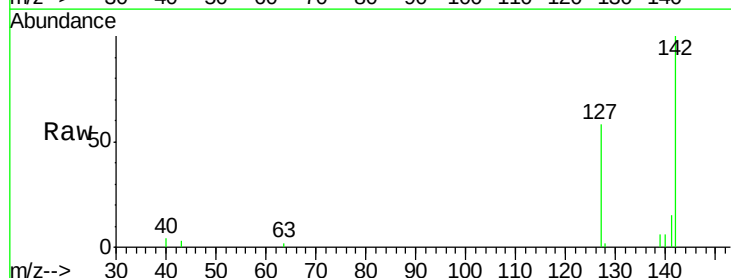
Tgt Ion:142 Resp: 24988

Ion Ratio Lower Upper

142 100

127 58.3 41.8 62.8

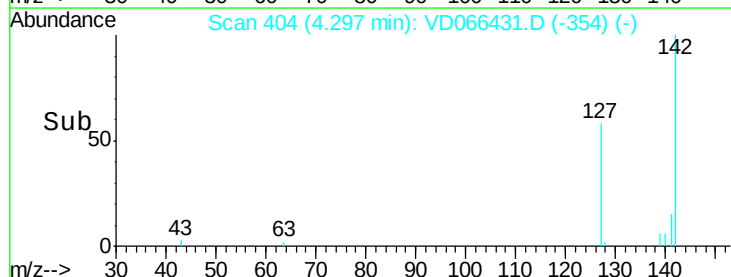
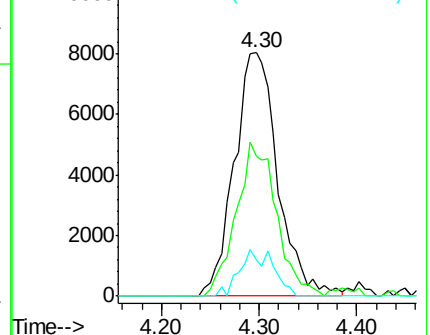
141 9.2 11.8 17.6#

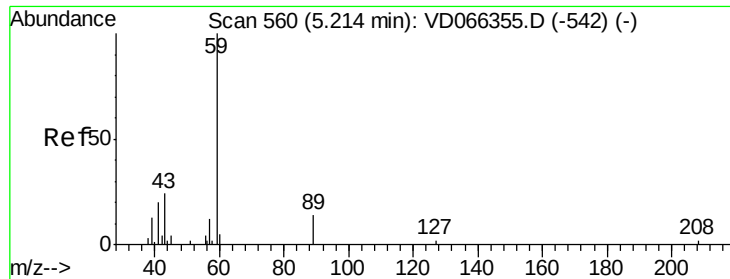


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



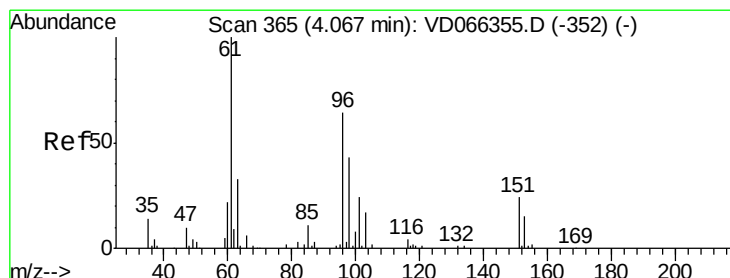
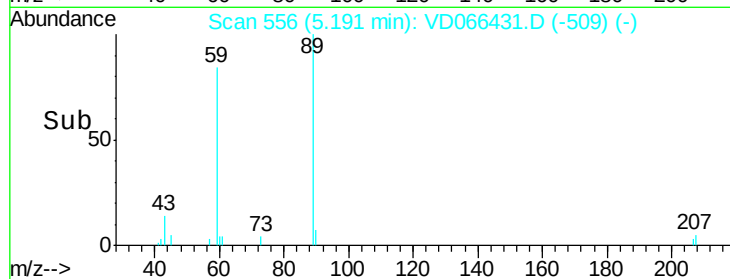
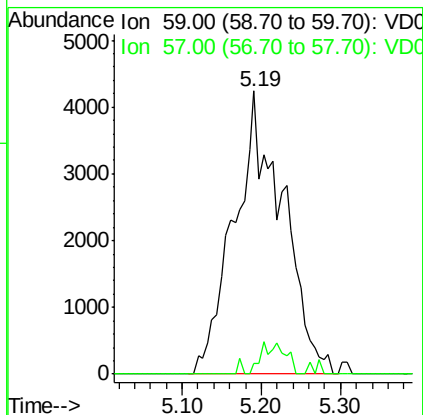
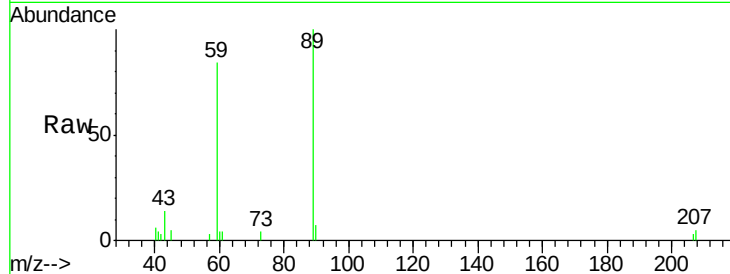


#11

Tert butyl alcohol
 Concen: 161.694 ug/l
 RT: 5.19 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

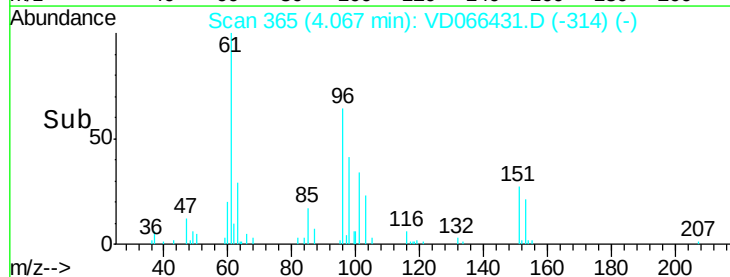
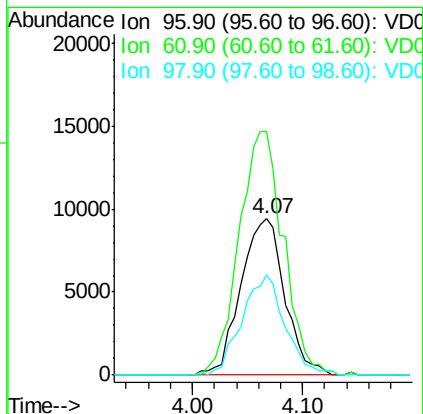
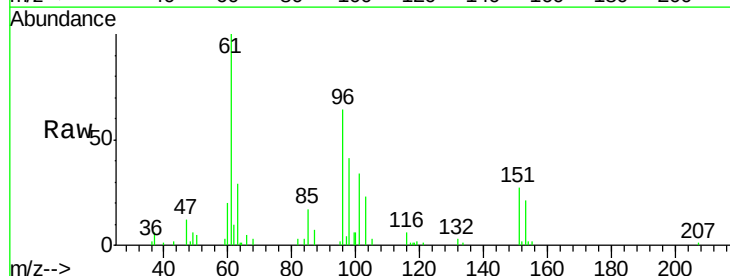
Tgt Ion: 59 Resp: 18080
 Ion Ratio Lower Upper
 59 100
 57 5.6 9.0 13.4#

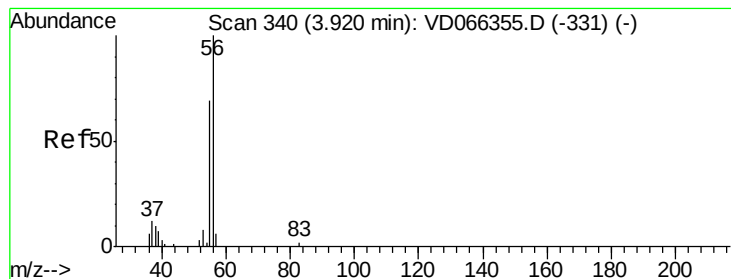


#12

1,1-Dichloroethene
 Concen: 17.776 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion: 96 Resp: 26303
 Ion Ratio Lower Upper
 96 100
 61 155.9 124.3 186.5
 98 63.8 53.2 79.8





#13

Acrolein

Concen: 66.144 ug/l

RT: 3.91 min Scan# 338

Delta R.T. -0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

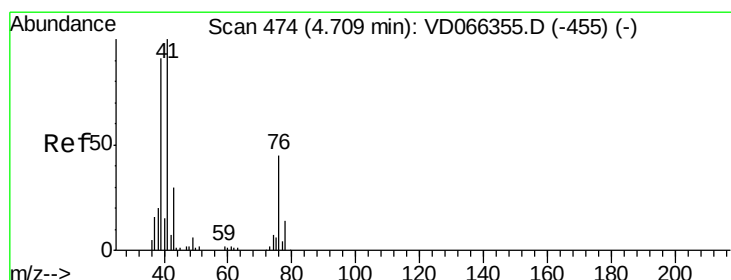
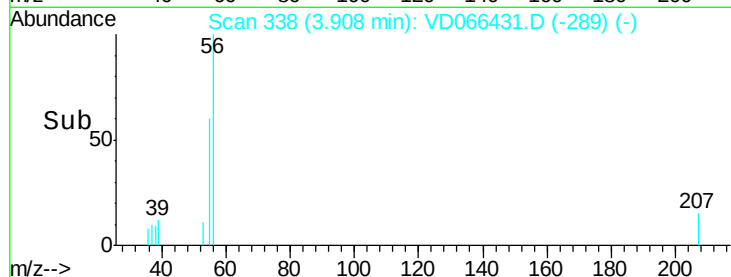
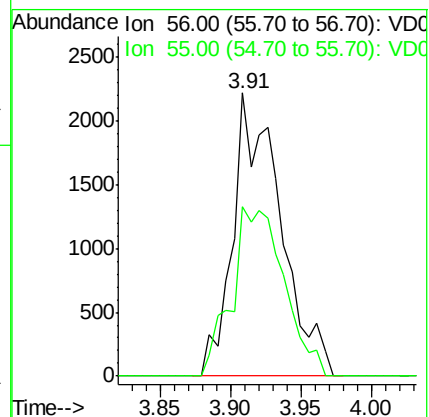
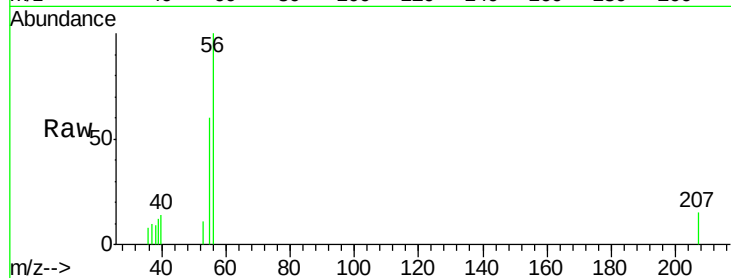
VD0827SBS01

Tgt Ion: 56 Resp: 5228

Ion Ratio Lower Upper

56 100

55 65.6 55.5 83.3



#14

Allyl chloride

Concen: 15.673 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

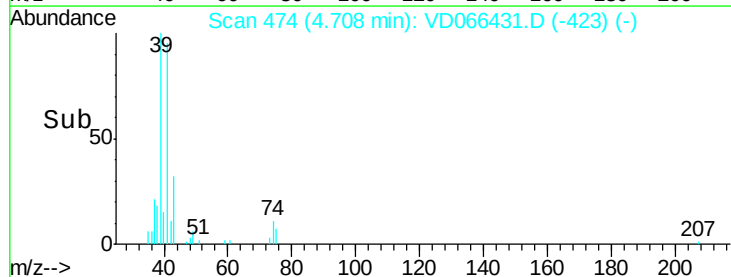
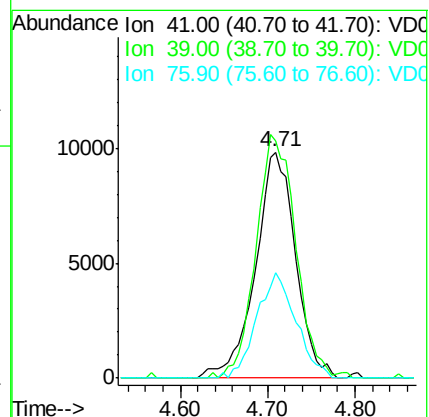
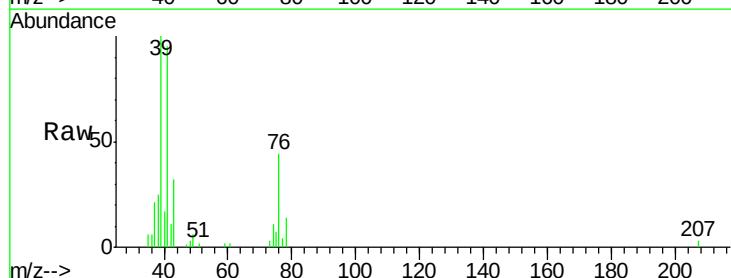
Tgt Ion: 41 Resp: 30954

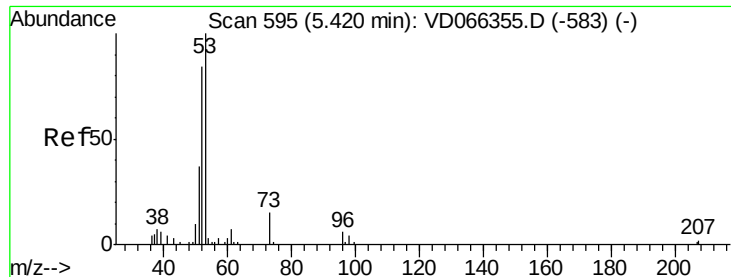
Ion Ratio Lower Upper

41 100

39 107.0 72.8 109.2

76 45.3 34.0 51.0





#15

Acrylonitrile

Concen: 78.283 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

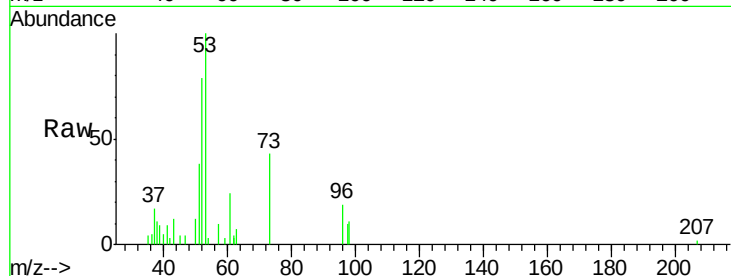
Tgt Ion: 53 Resp: 22479

Ion Ratio Lower Upper

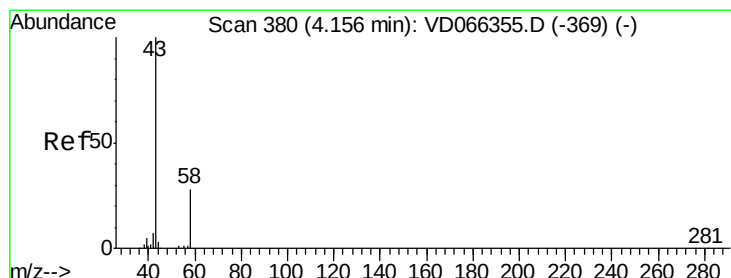
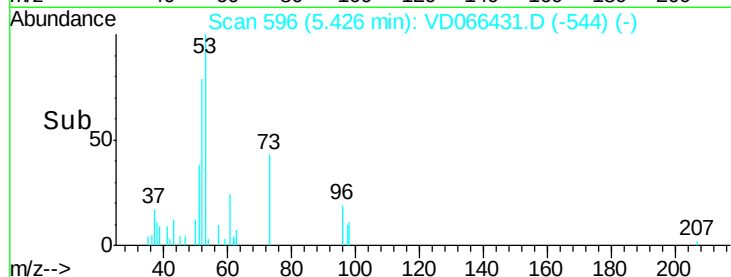
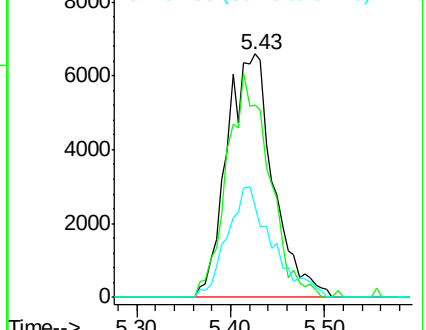
53 100

52 83.9 68.1 102.1

51 43.9 33.8 50.6



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 90.903 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066431.D

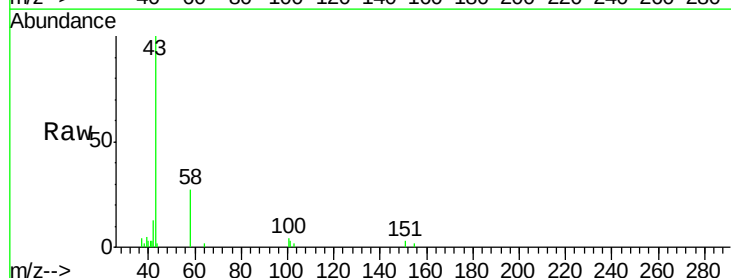
Acq: 27 Aug 2020 12:39

Tgt Ion: 43 Resp: 29170

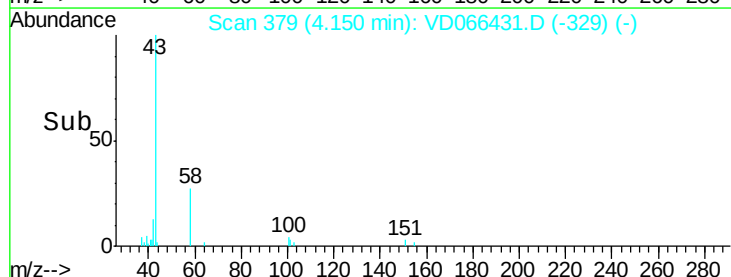
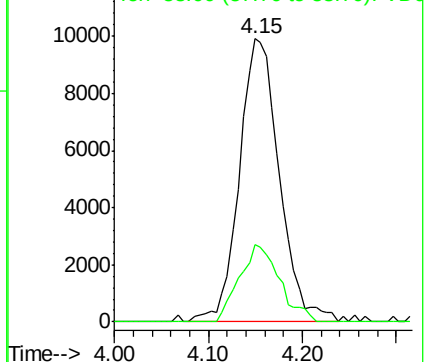
Ion Ratio Lower Upper

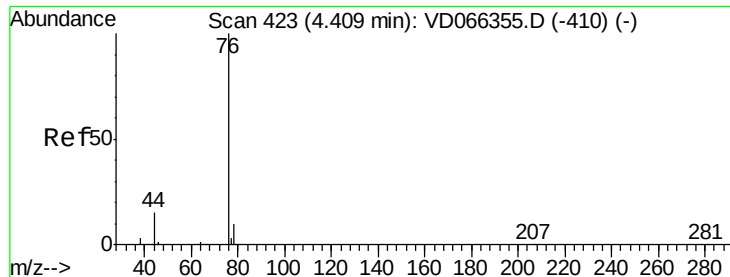
43 100

58 27.5 22.7 34.1



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





#17

Carbon Disulfide

Concen: 15.926 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

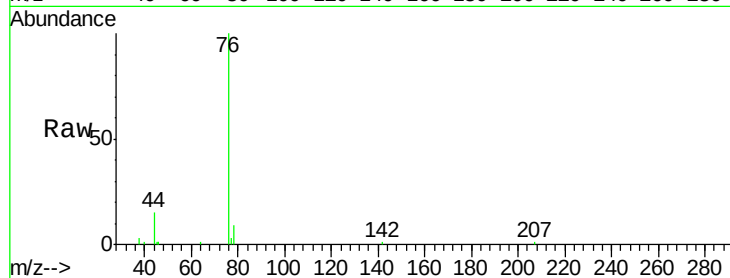
VD0827SBS01

Tgt Ion: 76 Resp: 71419

Ion Ratio Lower Upper

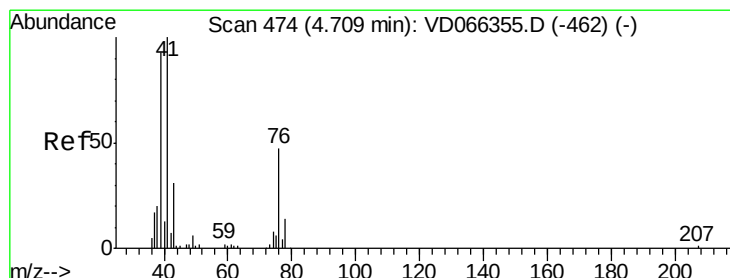
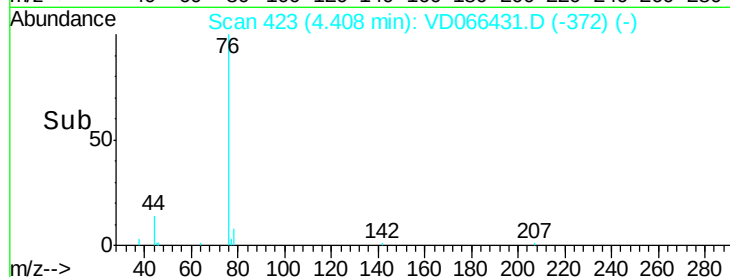
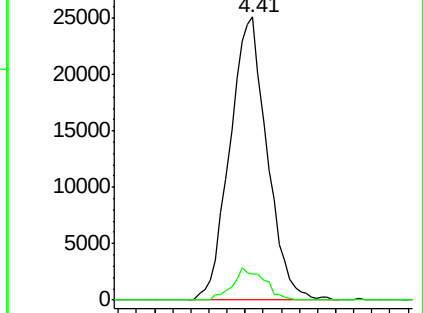
76 100

78 9.3 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 16.194 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066431.D

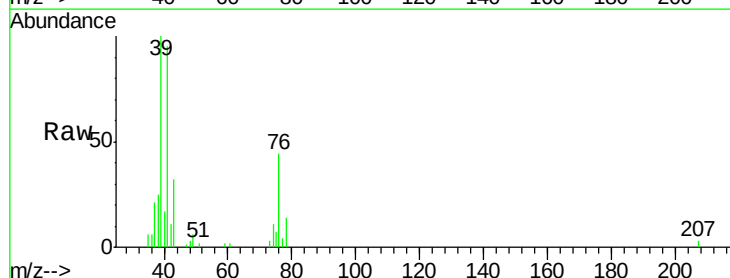
Acq: 27 Aug 2020 12:39

Tgt Ion: 43 Resp: 9753

Ion Ratio Lower Upper

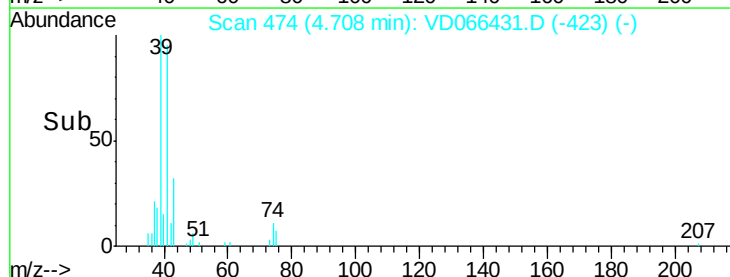
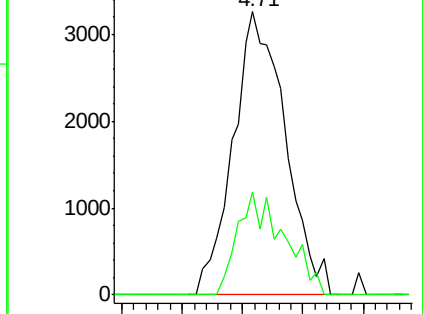
43 100

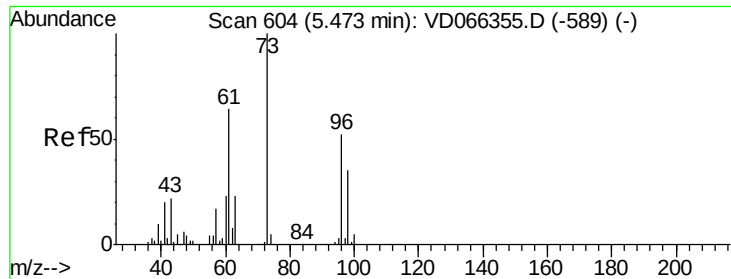
74 32.3 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

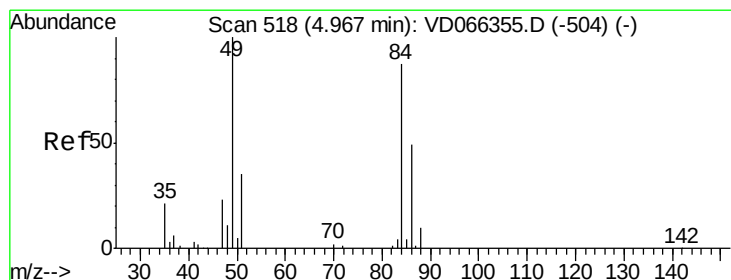
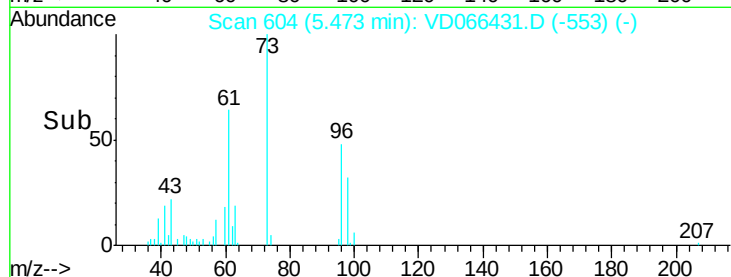
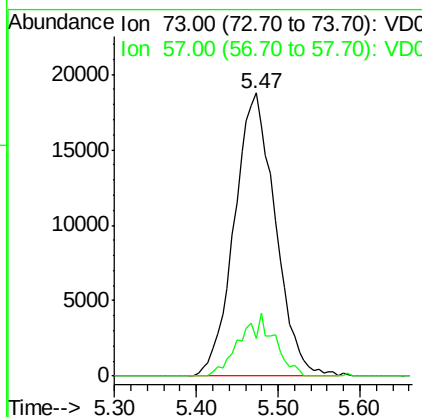
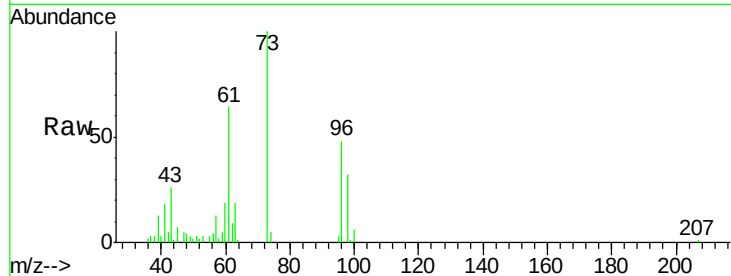




#19
Methyl tert-butyl Ether
Concen: 18.306 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

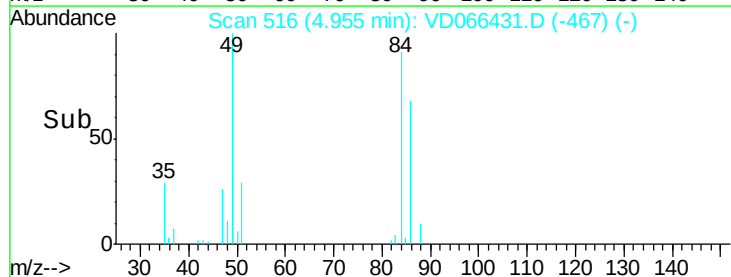
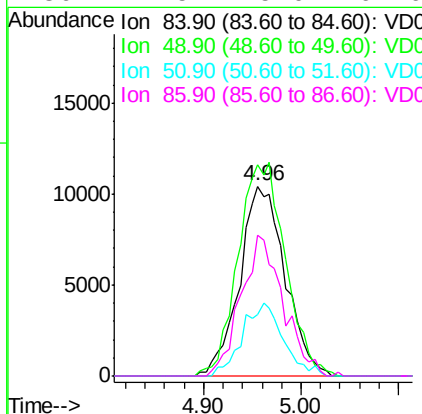
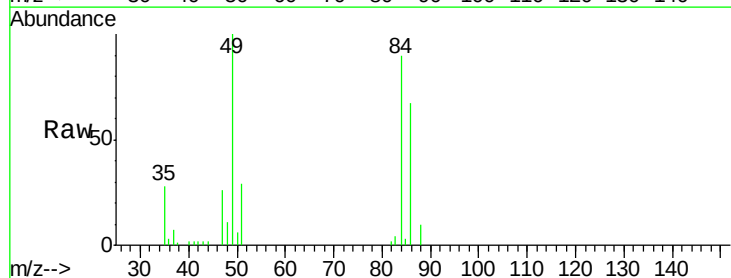
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

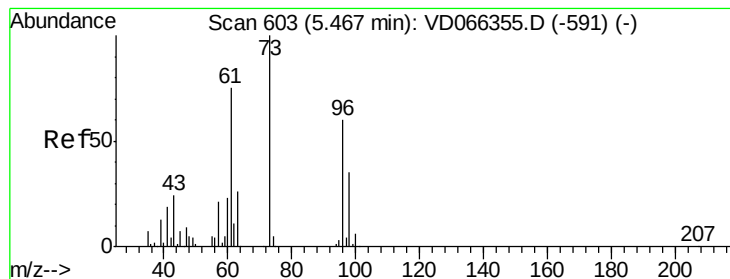
Tgt Ion: 73 Resp: 65224
Ion Ratio Lower Upper
73 100
57 13.2 13.8 20.6#



#20
Methylene Chloride
Concen: 15.406 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Tgt Ion: 84 Resp: 33930
Ion Ratio Lower Upper
84 100
49 111.2 92.5 138.7
51 32.2 32.5 48.7#
86 74.5 45.0 67.6#





#21

trans-1,2-Dichloroethene

Concen: 17.015 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

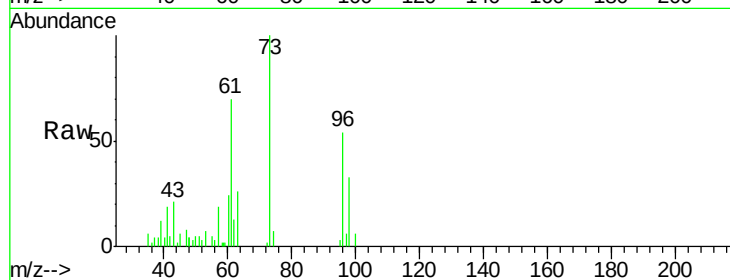
Tgt Ion: 96 Resp: 29308

Ion Ratio Lower Upper

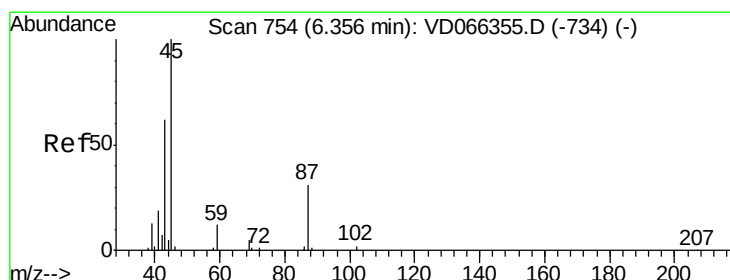
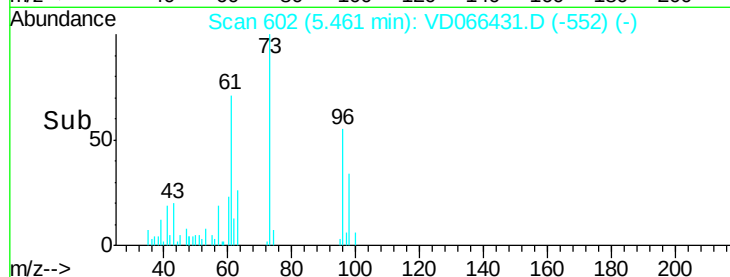
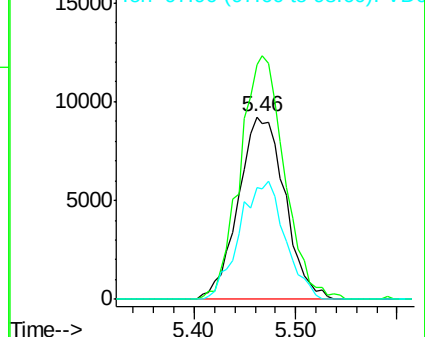
96 100

61 128.9 101.1 151.7

98 61.3 47.0 70.6



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



#22

Diisopropyl ether

Concen: 16.732 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Tgt Ion: 45 Resp: 63983

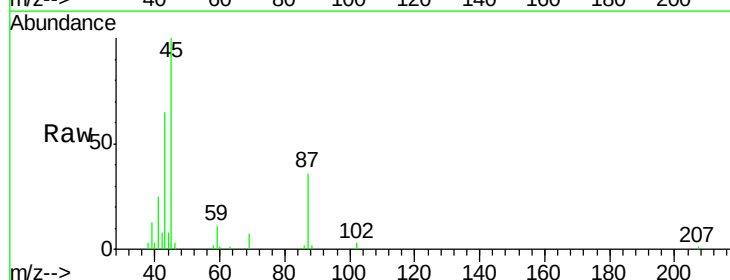
Ion Ratio Lower Upper

45 100

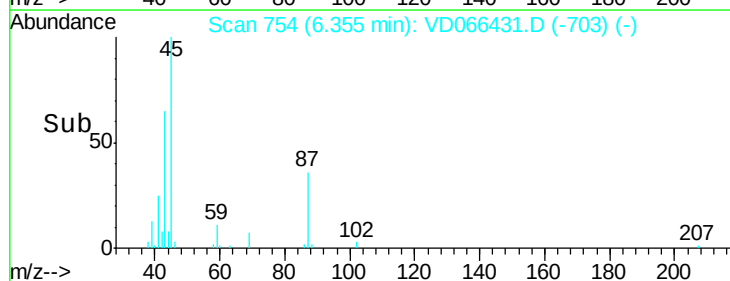
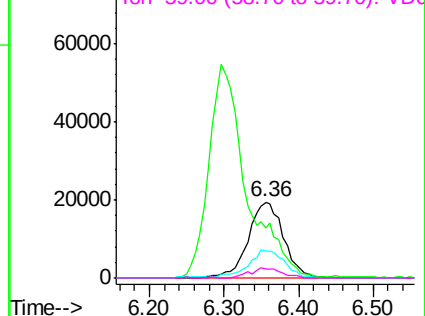
43 64.1 49.8 74.8

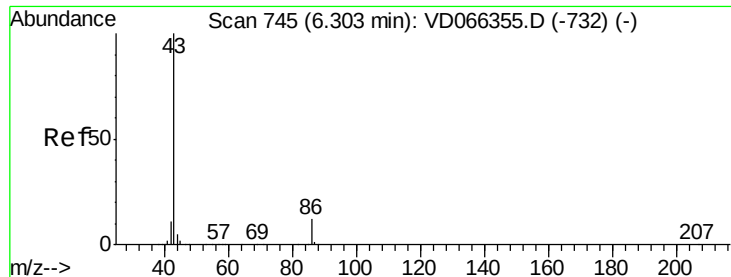
87 36.0 25.0 37.6

59 11.3 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 81.087 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

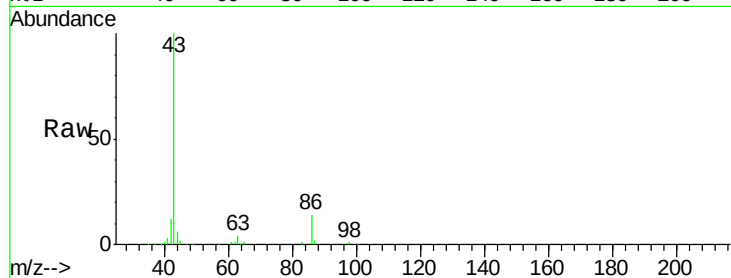
VD0827SBS01

Tgt Ion: 43 Resp: 191953

Ion Ratio Lower Upper

43 100

86 14.4 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

60000

50000

40000

30000

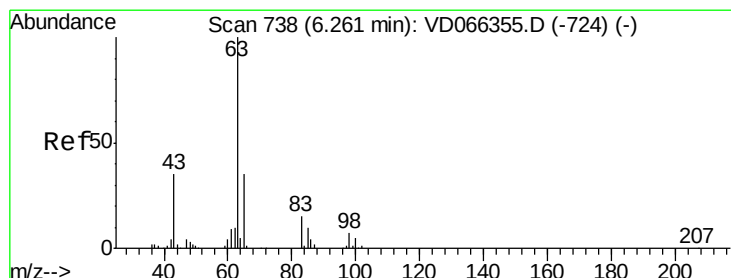
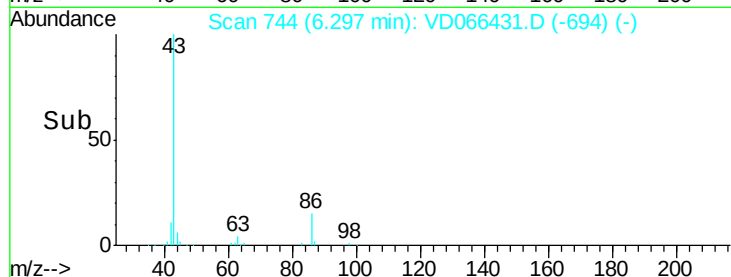
20000

10000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 17.093 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

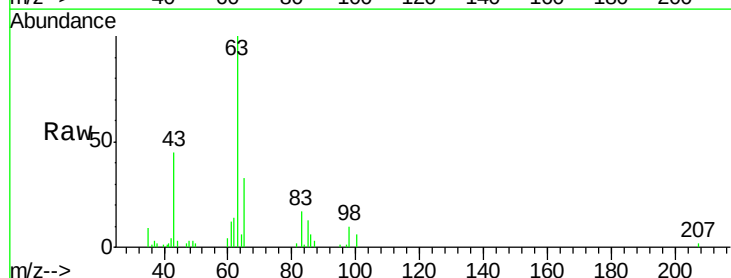
Tgt Ion: 63 Resp: 46191

Ion Ratio Lower Upper

63 100

98 9.9 3.5 10.6

100 6.0 2.5 7.6



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

20000

15000

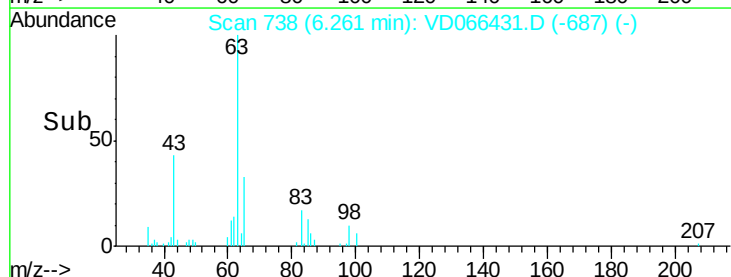
10000

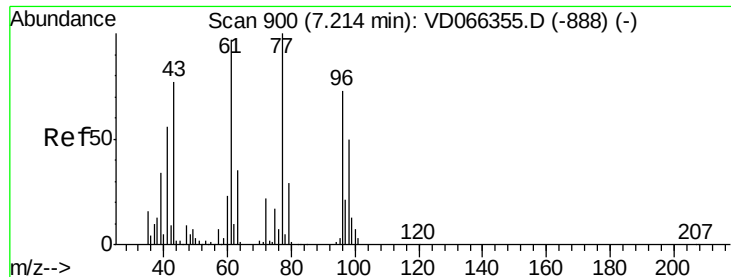
5000

0

Time-->

6.20 6.30 6.40





#25

2-Butanone

Concen: 81.890 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

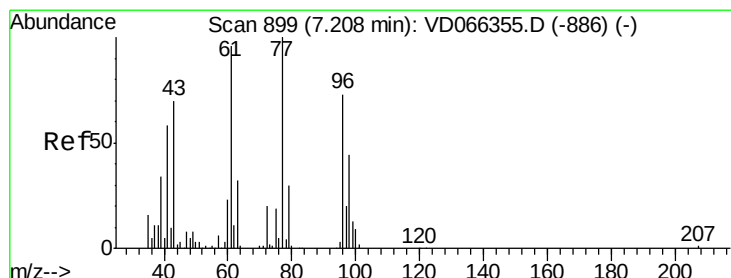
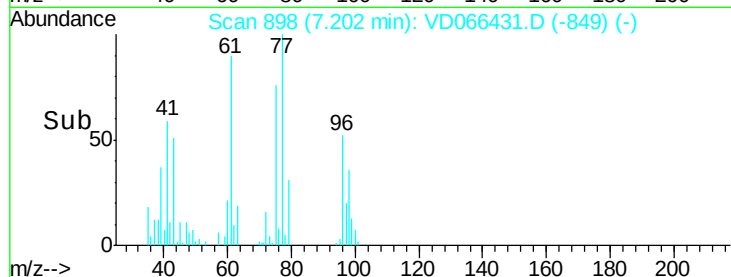
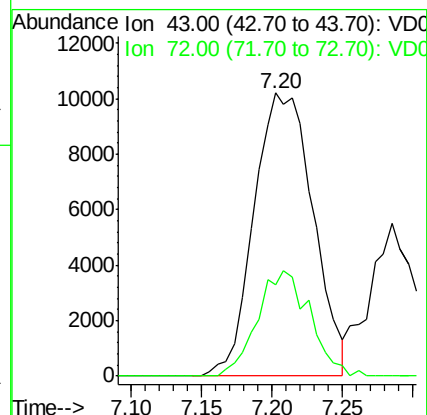
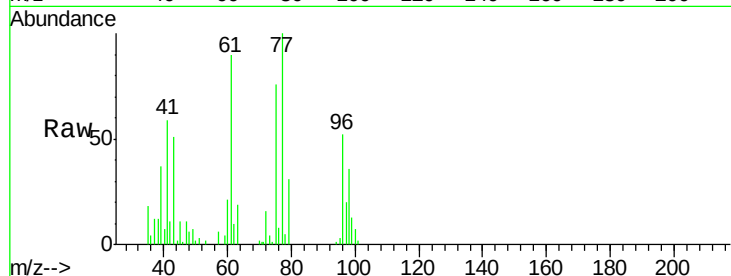
VD0827SBS01

Tgt Ion: 43 Resp: 29832

Ion Ratio Lower Upper

43 100

72 32.1 22.5 33.7



#26

2,2-Dichloropropane

Concen: 20.096 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066431.D

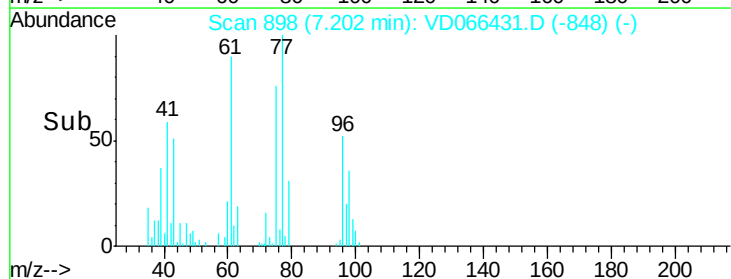
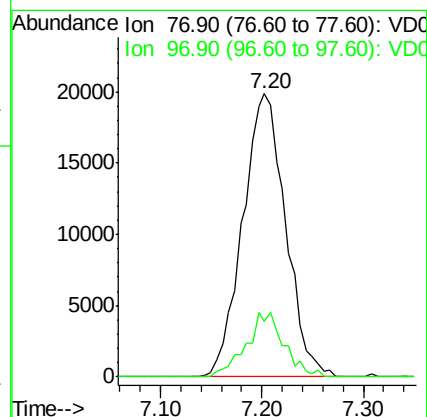
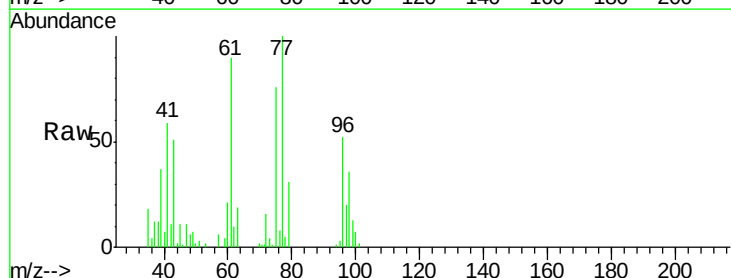
Acq: 27 Aug 2020 12:39

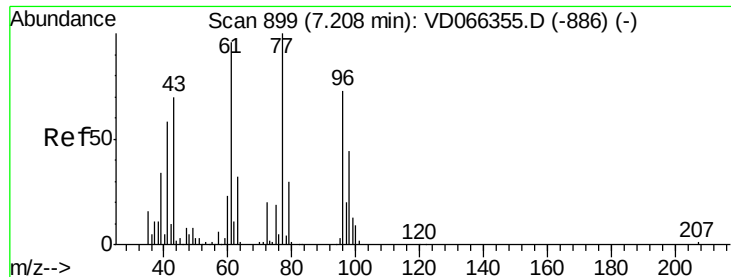
Tgt Ion: 77 Resp: 58205

Ion Ratio Lower Upper

77 100

97 20.2 10.7 31.9



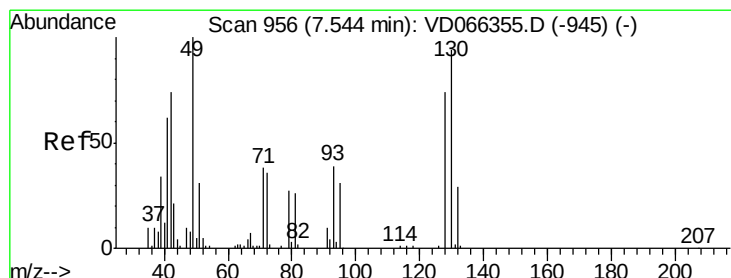
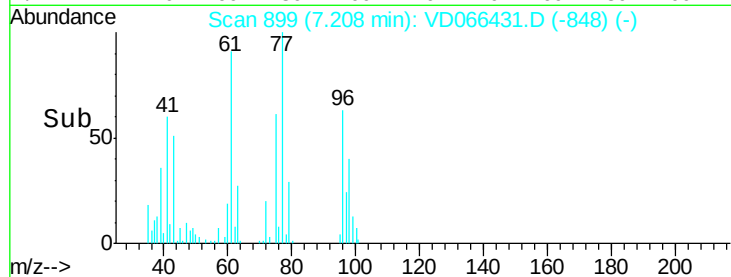
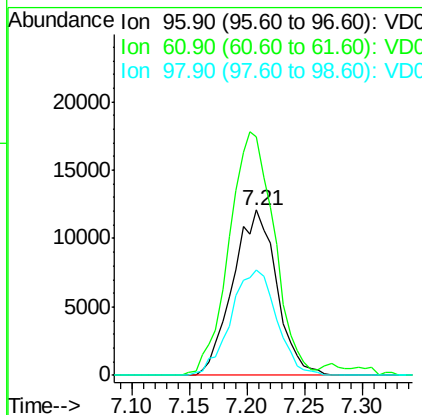
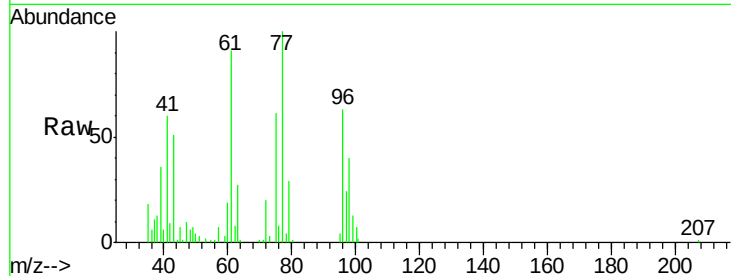


#27

cis-1,2-Dichloroethene
 Concen: 17.373 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

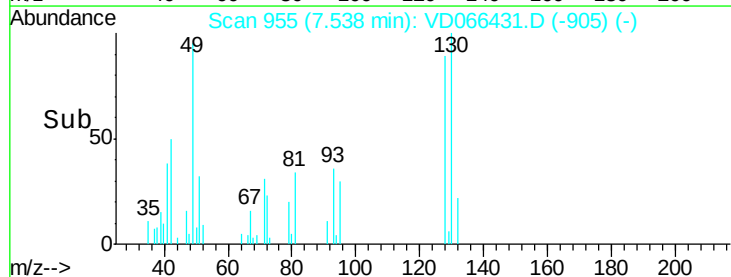
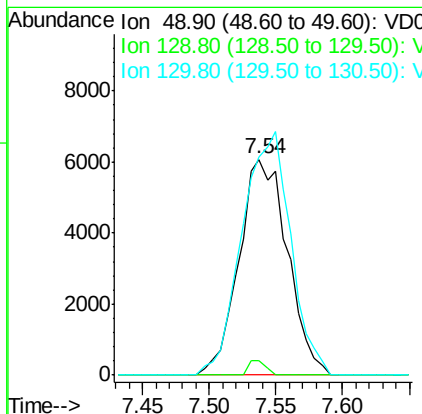
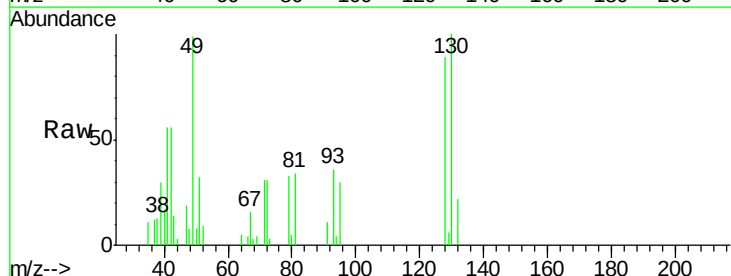
Tgt Ion: 96 Resp: 32064
 Ion Ratio Lower Upper
 96 100
 61 150.4 0.0 281.4
 98 65.8 0.0 132.2

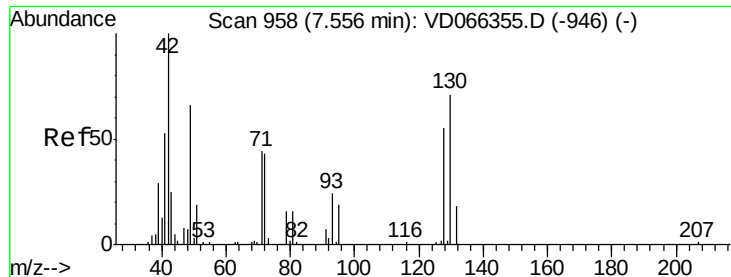


#28

Bromochloromethane
 Concen: 16.395 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion: 49 Resp: 15261
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.0
 130 113.3 82.6 124.0

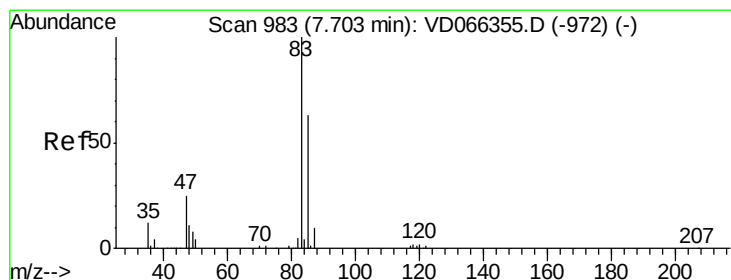
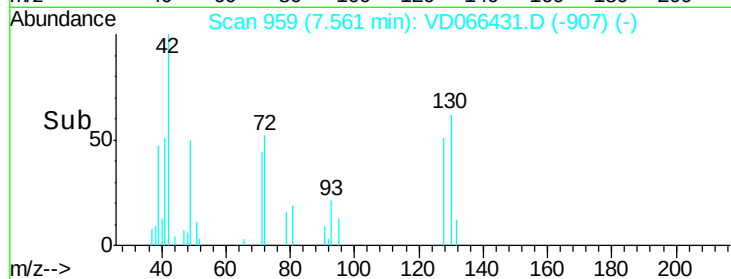
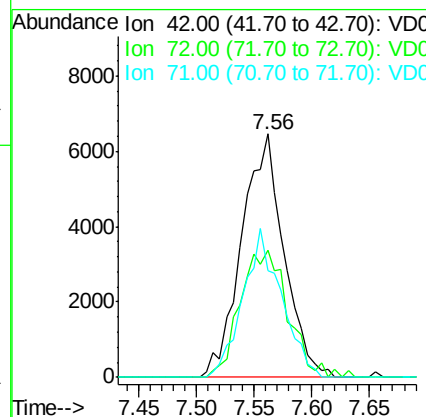
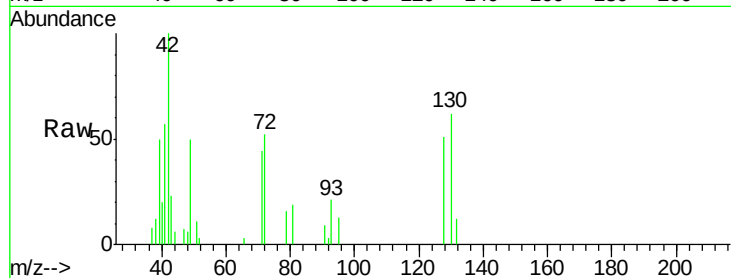




#29
Tetrahydrofuran
Concen: 79.695 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

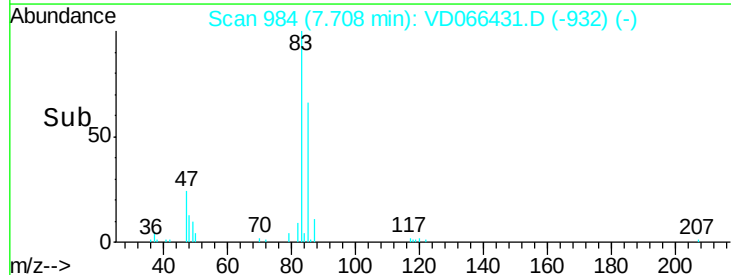
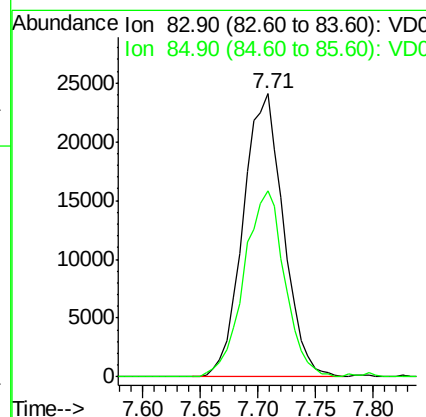
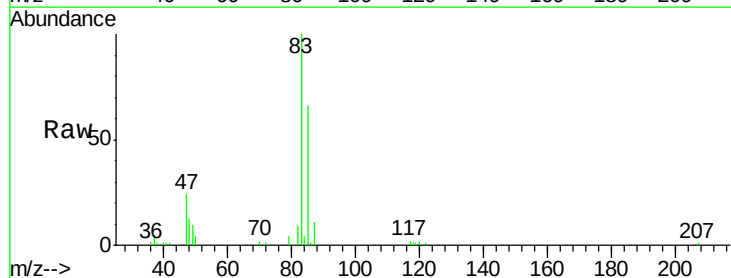
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

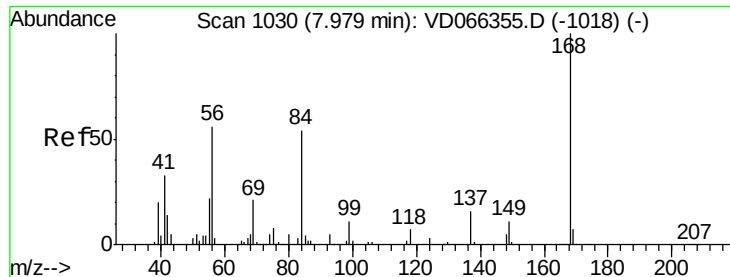
Tgt Ion: 42 Resp: 16490
Ion Ratio Lower Upper
42 100
72 59.3 41.0 61.4
71 55.2 37.2 55.8



#30
Chloroform
Concen: 18.680 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Tgt Ion: 83 Resp: 58403
Ion Ratio Lower Upper
83 100
85 66.0 50.3 75.5

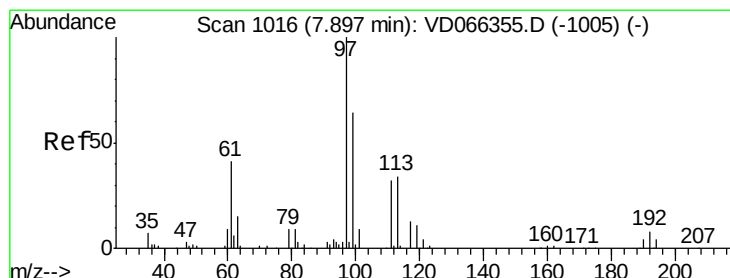
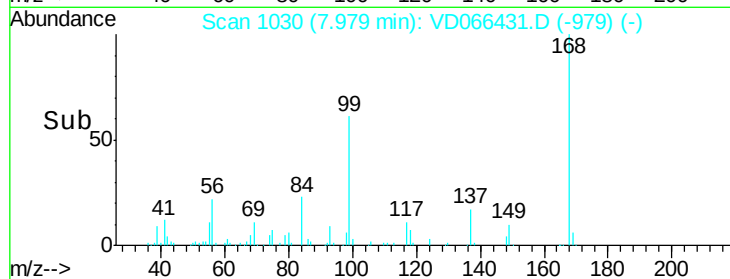
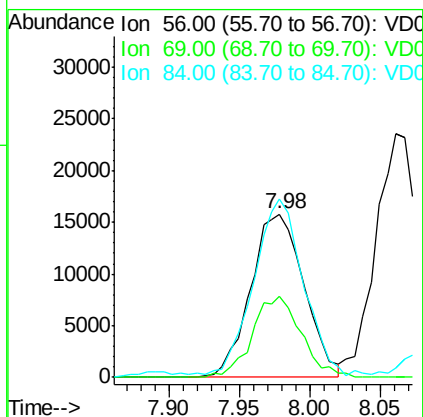
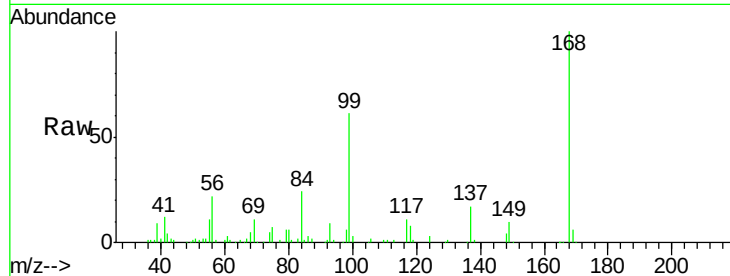




#31
Cyclohexane
Concen: 16.933 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

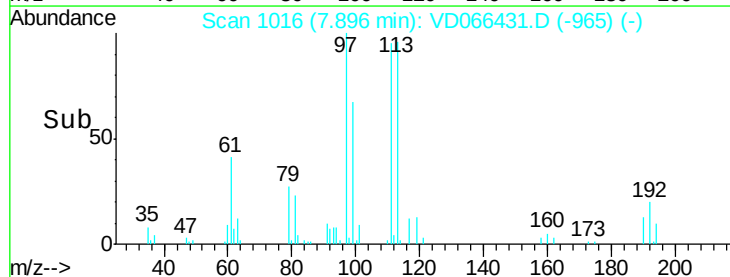
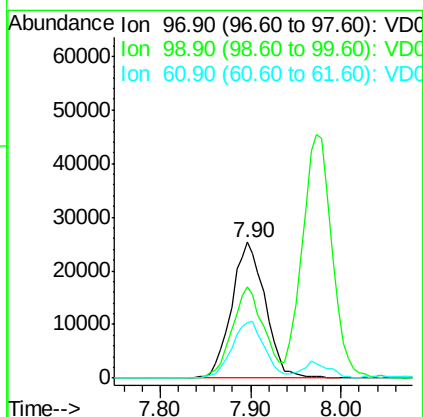
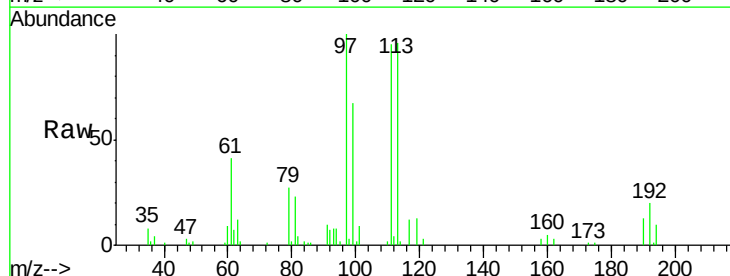
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

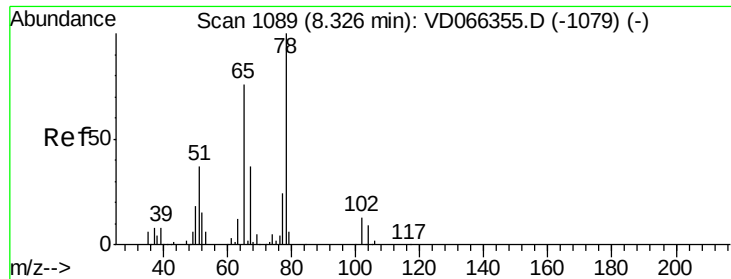
Tgt Ion: 56 Resp: 41848
Ion Ratio Lower Upper
56 100
69 49.9 29.6 44.4#
84 108.2 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 20.402 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Tgt Ion: 97 Resp: 65284
Ion Ratio Lower Upper
97 100
99 63.1 51.5 77.3
61 40.4 33.3 49.9

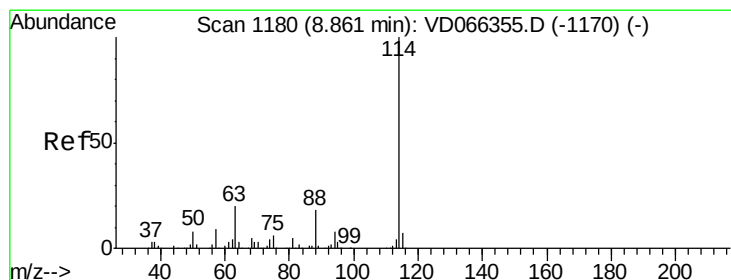
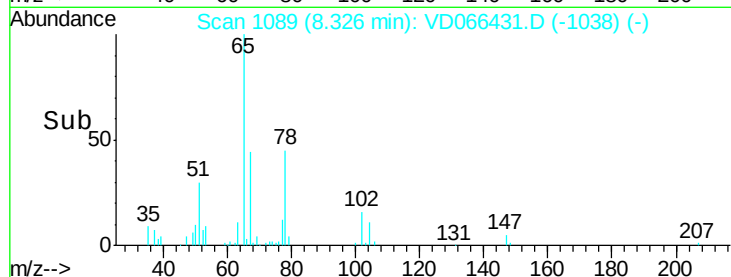
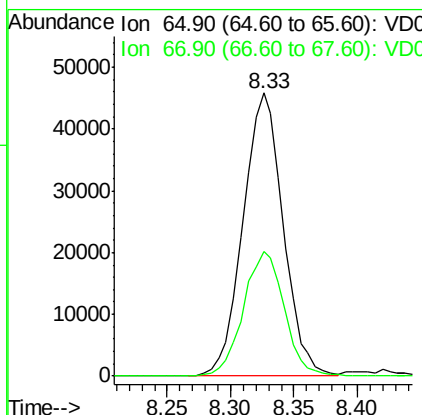
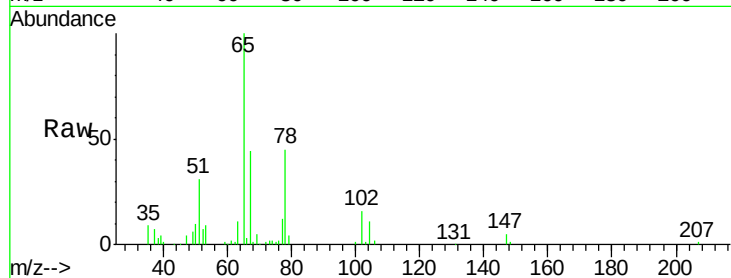




#33
 1,2-Dichloroethane-d4
 Concen: 56.707 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

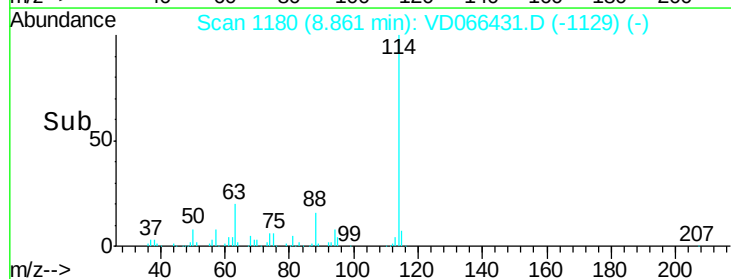
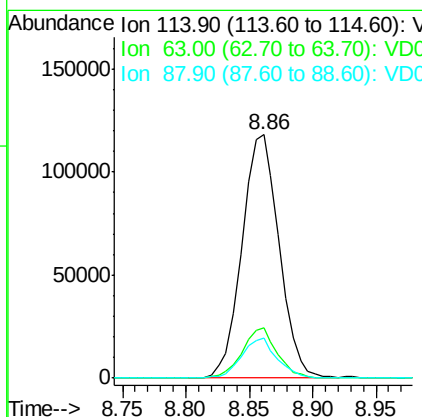
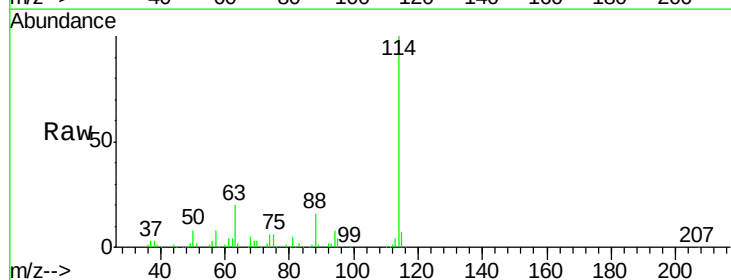
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

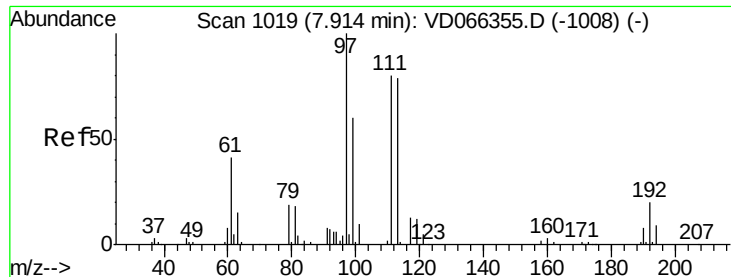
Tgt Ion: 65 Resp: 100934
 Ion Ratio Lower Upper
 65 100
 67 44.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion: 114 Resp: 241269
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.5 0.0 35.4

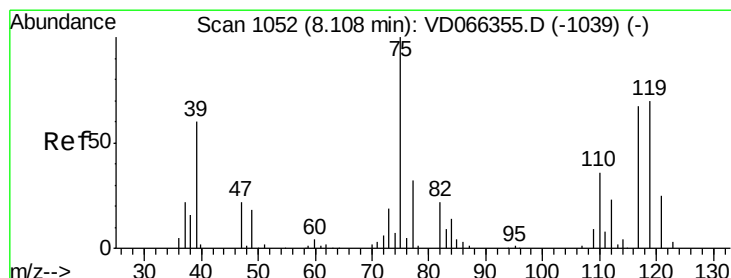
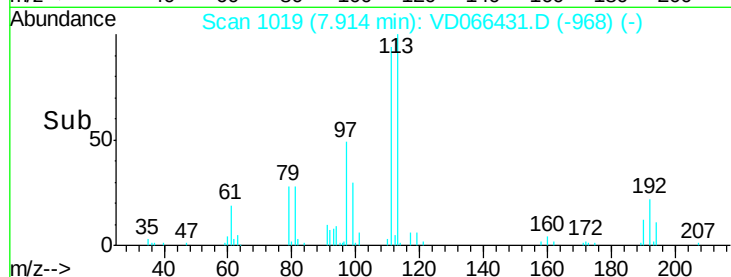
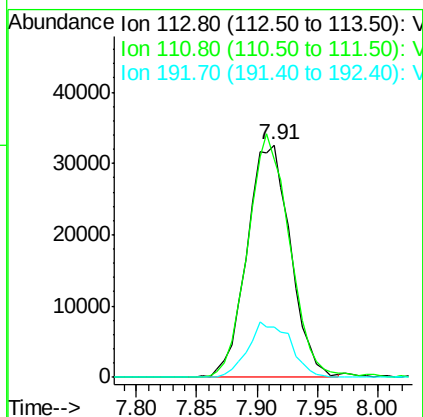
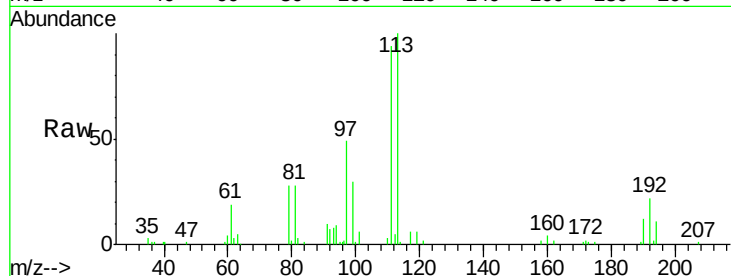




#35
 Dibromofluoromethane
 Concen: 54.017 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

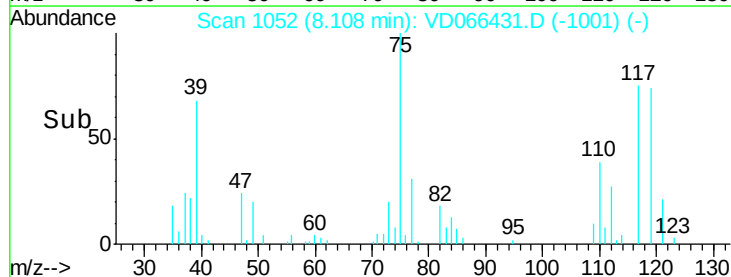
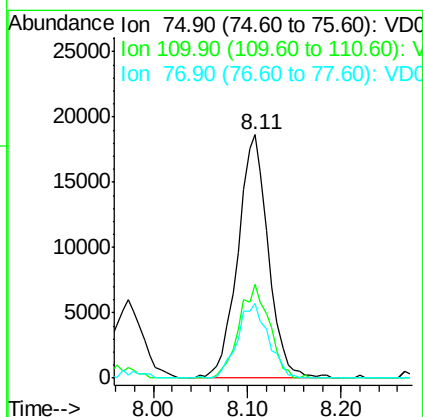
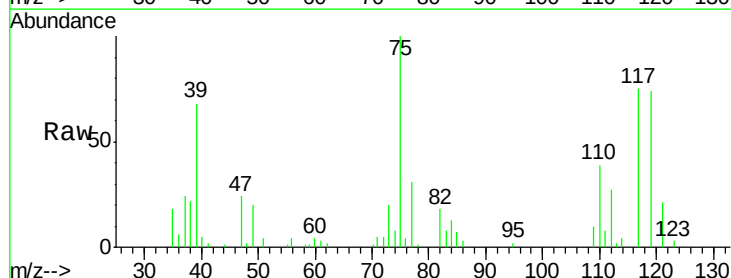
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

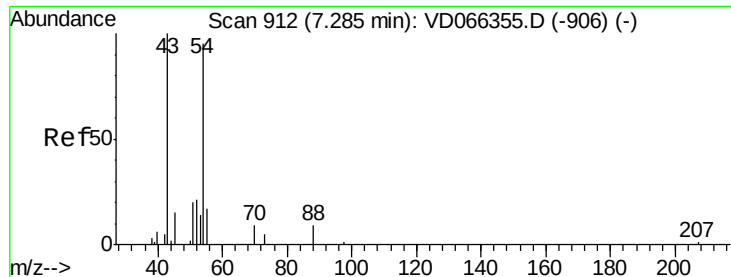
Tgt Ion: 113 Resp: 81494
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.3 120.5
 192 23.2 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 18.983 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion: 75 Resp: 41790
 Ion Ratio Lower Upper
 75 100
 110 38.1 18.7 56.1
 77 30.9 25.2 37.8

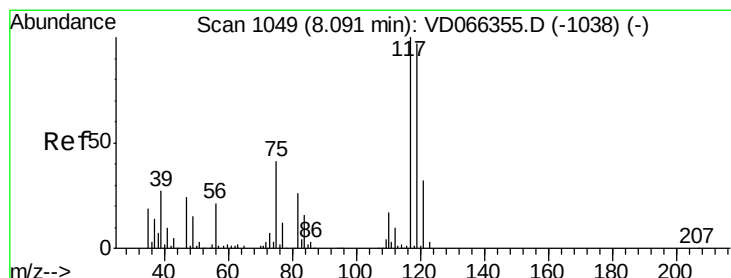
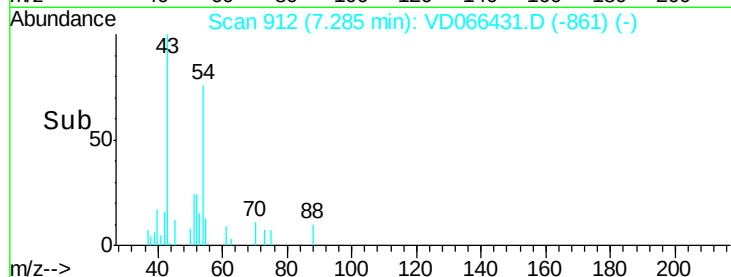
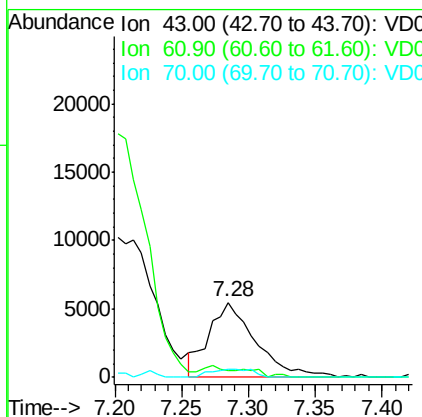
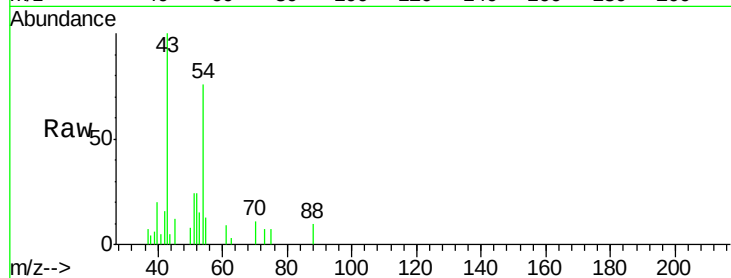




#37
Ethyl Acetate
Concen: 17.873 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

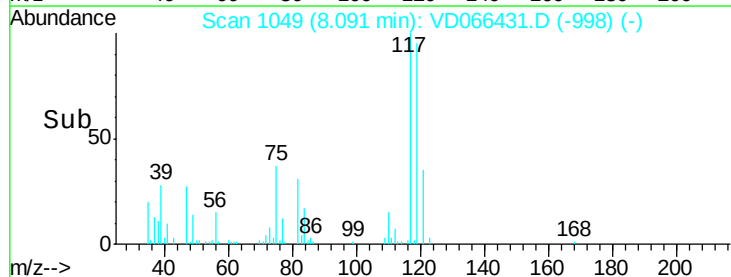
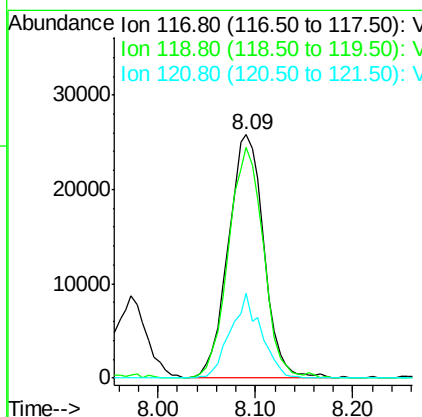
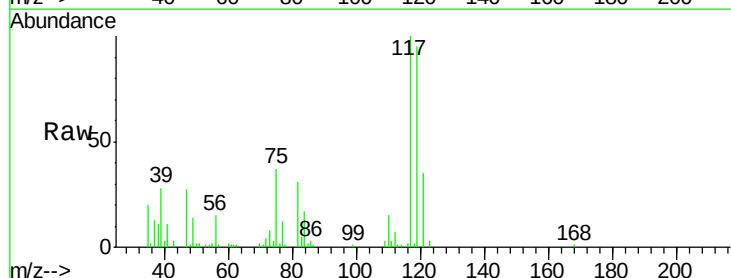
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

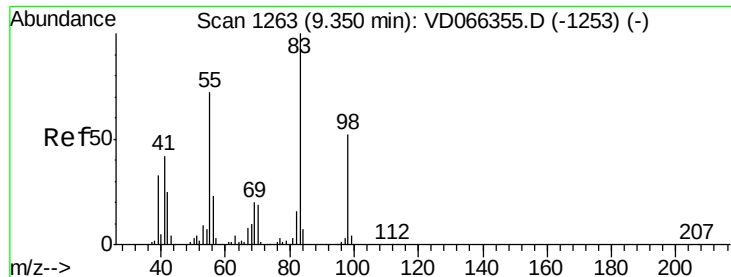
Tgt Ion: 43 Resp: 13382
Ion Ratio Lower Upper
43 100
61 0.0 13.3 19.9#
70 9.9 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 22.808 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Tgt Ion: 117 Resp: 65417
Ion Ratio Lower Upper
117 100
119 94.7 77.2 115.8
121 35.0 25.8 38.8

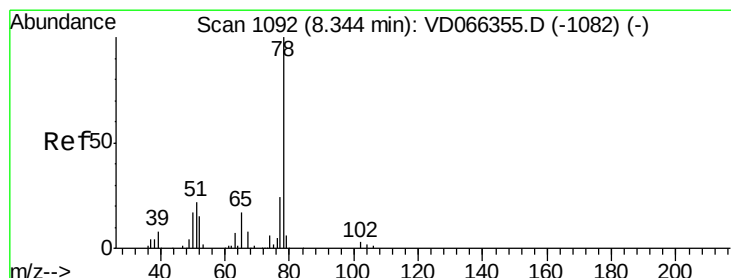
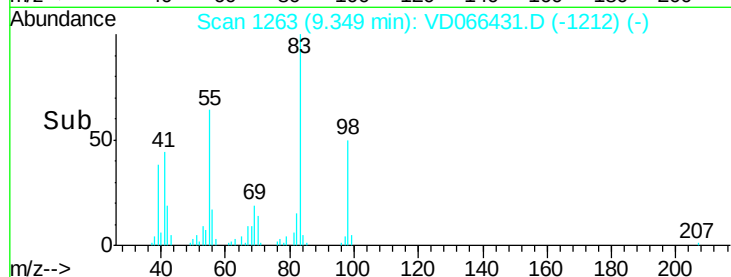
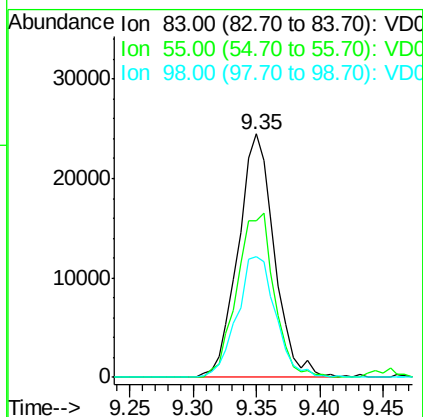
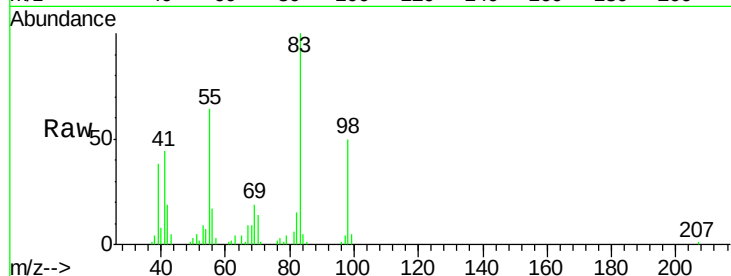




#39
Methylcyclohexane
Concen: 18.753 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

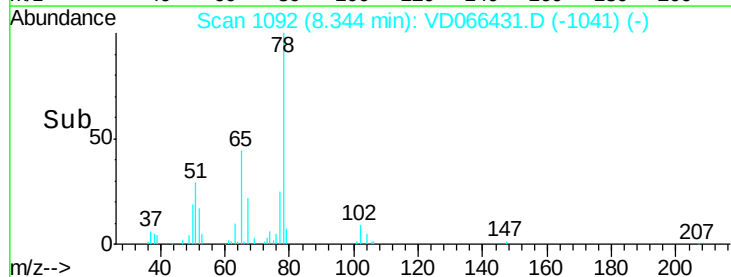
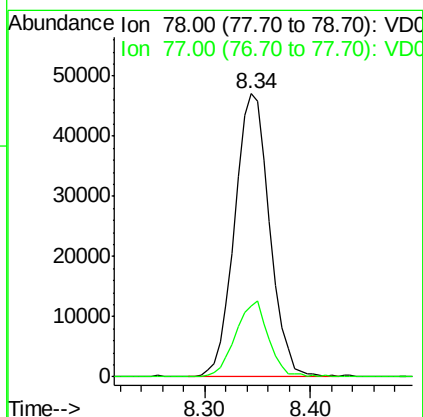
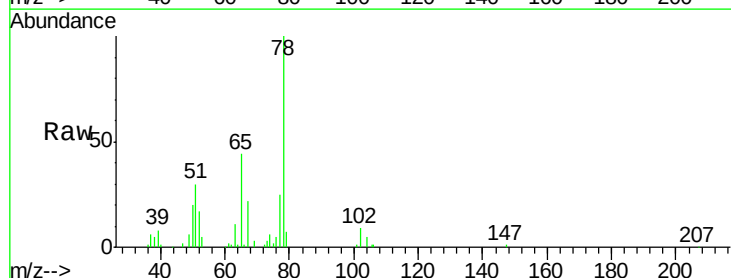
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

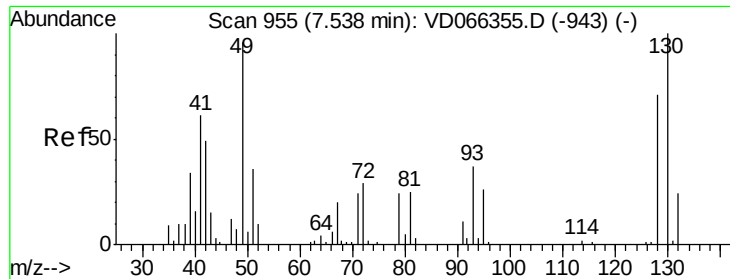
Tgt Ion: 83 Resp: 48632
Ion Ratio Lower Upper
83 100
55 64.4 58.0 87.0
98 49.5 41.9 62.9



#40
Benzene
Concen: 18.632 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Tgt Ion: 78 Resp: 107904
Ion Ratio Lower Upper
78 100
77 25.2 18.8 28.2

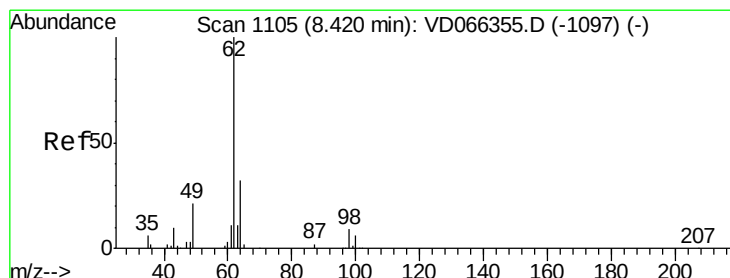
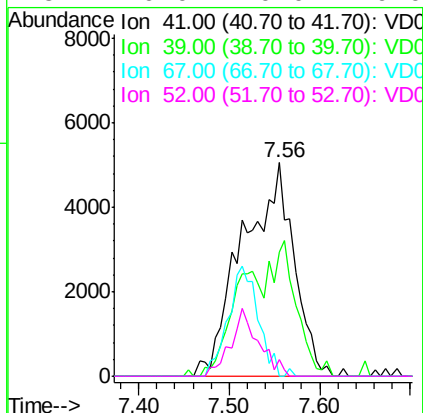
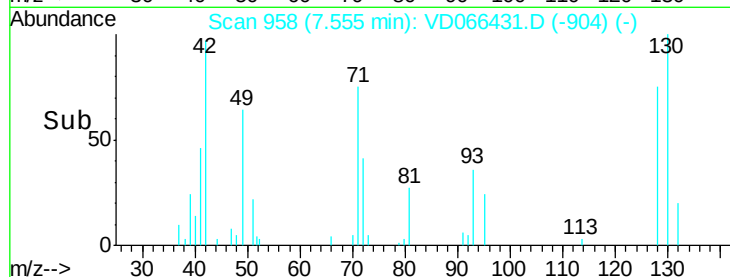
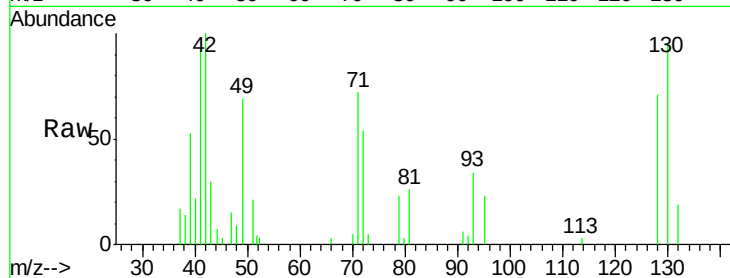




#41
Methacrylonitrile
Concen: 42.867 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.02 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

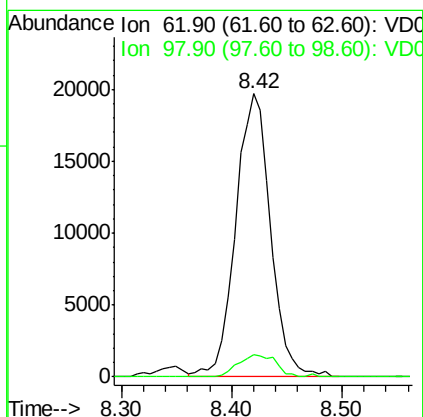
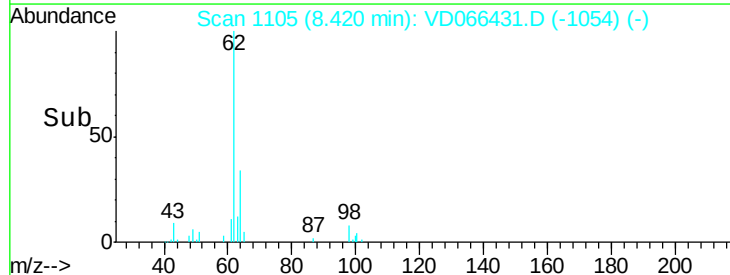
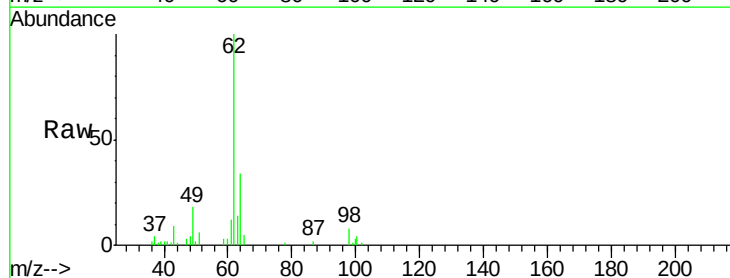
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

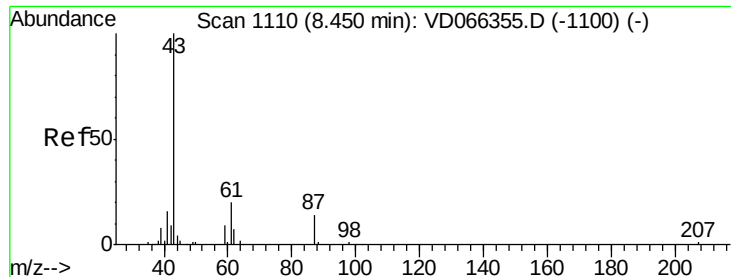
Tgt Ion: 41 Resp: 19793
Ion Ratio Lower Upper
41 100
39 32.8 51.8 77.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.390 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Tgt Ion: 62 Resp: 43630
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.2





#43

Isopropyl Acetate

Concen: 17.388 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

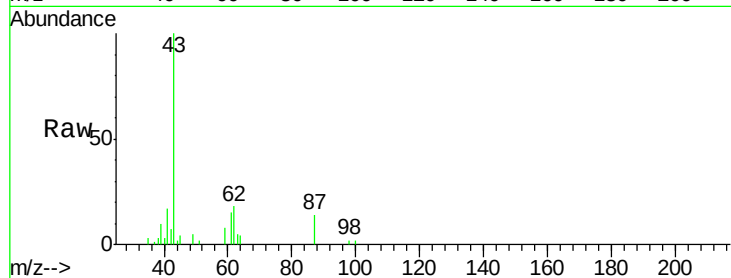
Tgt Ion: 43 Resp: 26131

Ion Ratio Lower Upper

43 100

61 35.5 26.5 39.7

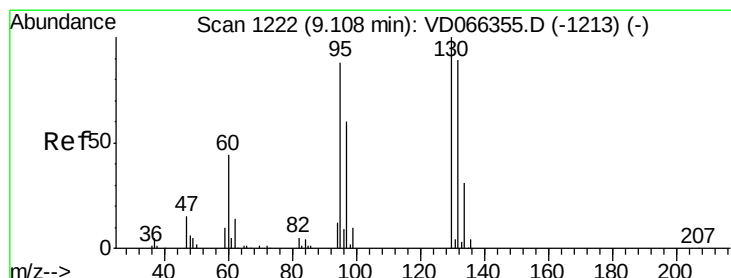
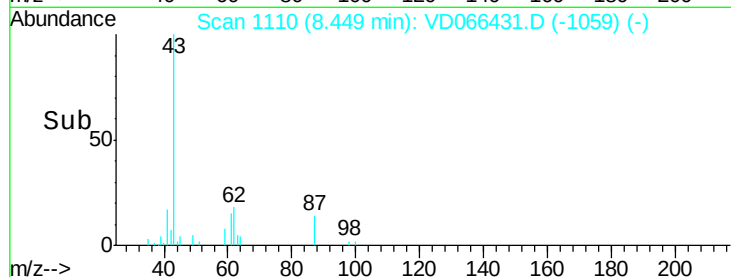
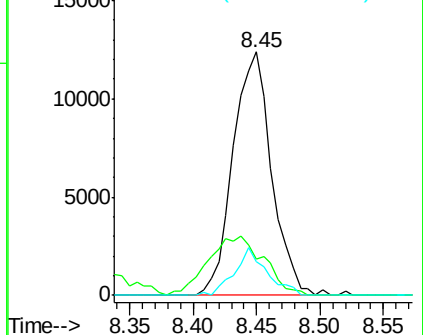
87 16.2 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.540 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066431.D

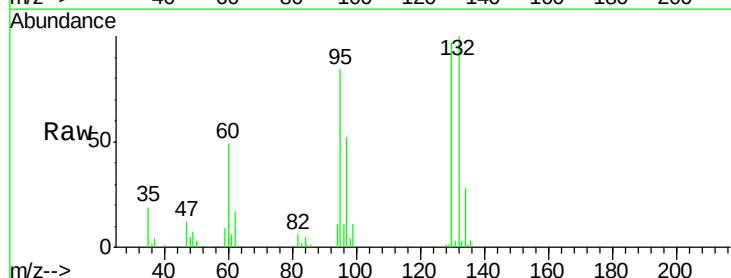
Acq: 27 Aug 2020 12:39

Tgt Ion: 130 Resp: 36770

Ion Ratio Lower Upper

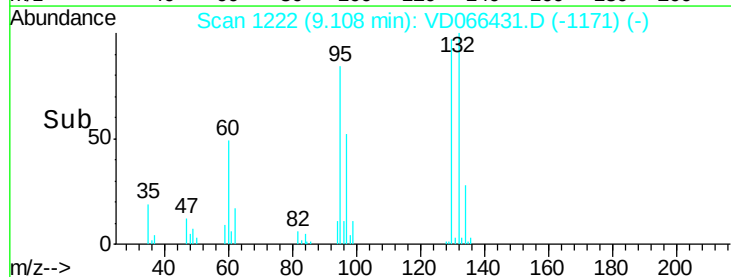
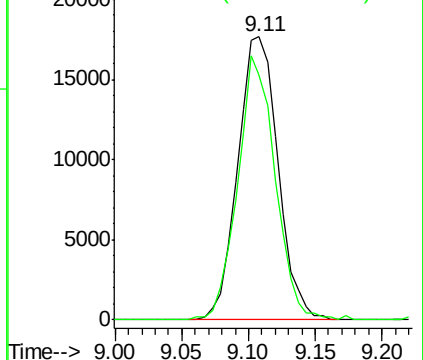
130 100

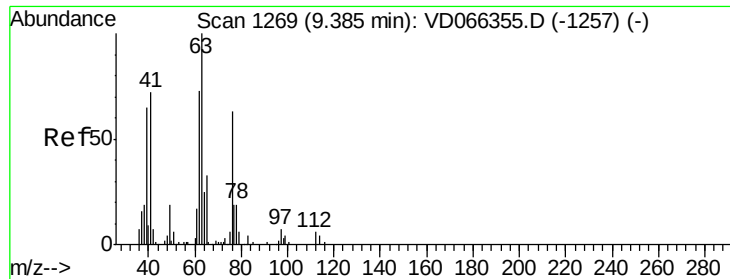
95 86.5 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

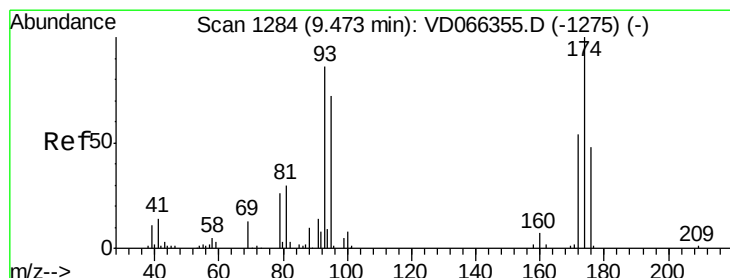
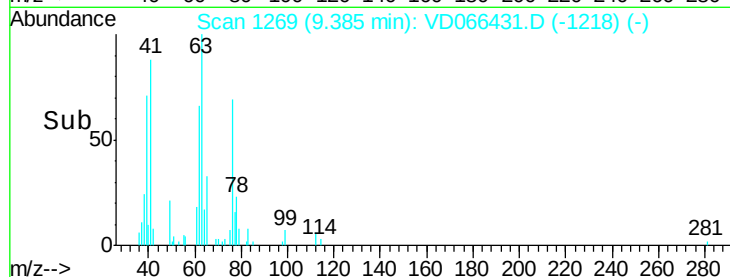
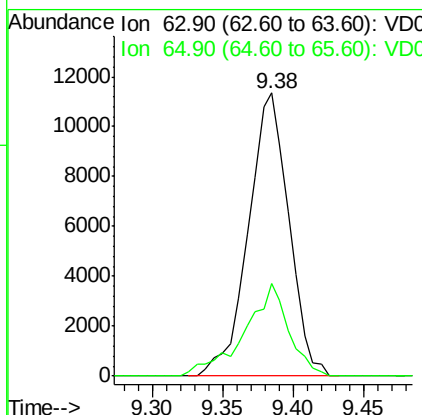
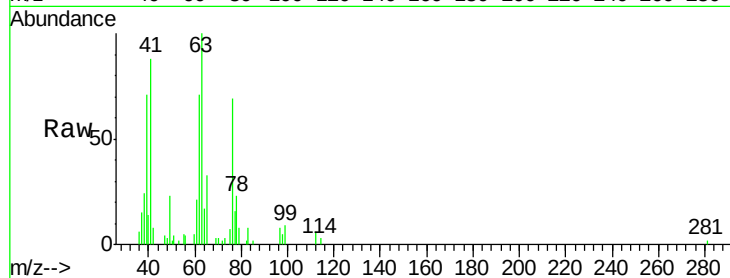




#45
 1,2-Dichloropropane
 Concen: 17.409 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

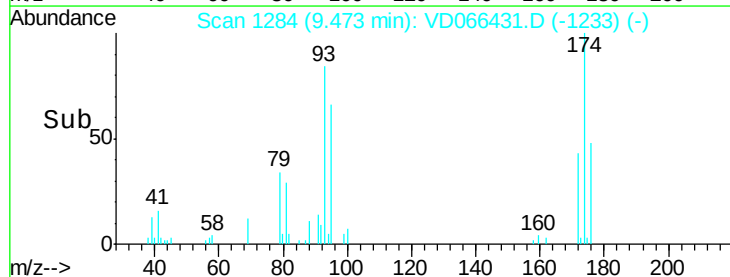
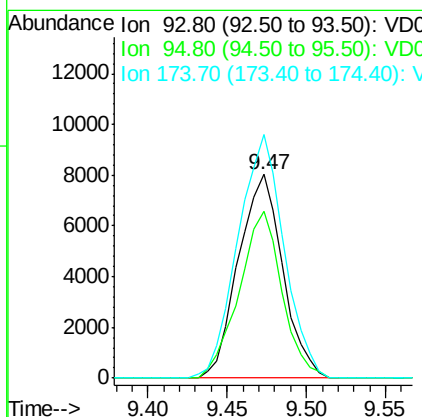
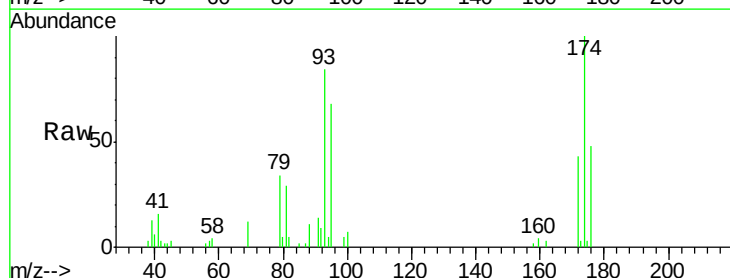
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

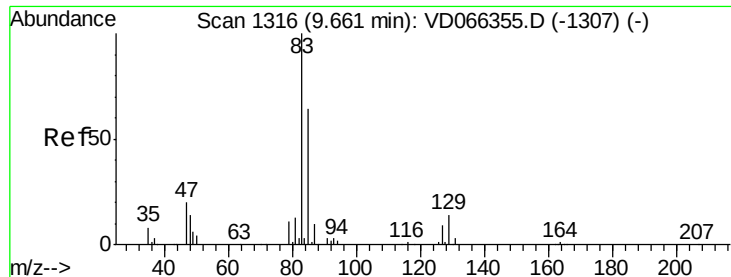
Tgt Ion: 63 Resp: 22856
 Ion Ratio Lower Upper
 63 100
 65 32.7 26.4 39.6



#46
 Dibromomethane
 Concen: 19.063 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion: 93 Resp: 15583
 Ion Ratio Lower Upper
 93 100
 95 79.4 66.0 99.0
 174 124.1 94.6 141.8





#47

Bromodichloromethane

Concen: 20.650 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

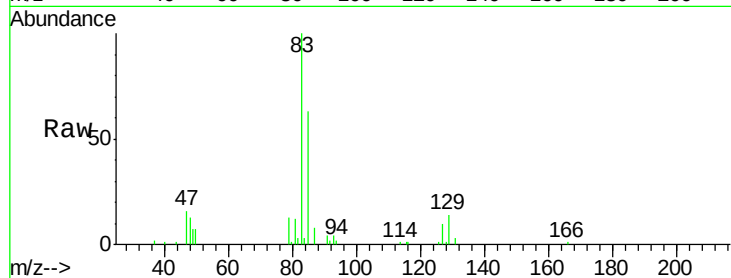
Tgt Ion: 83 Resp: 46421

Ion Ratio Lower Upper

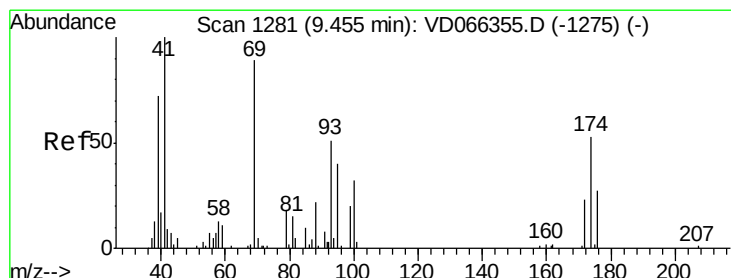
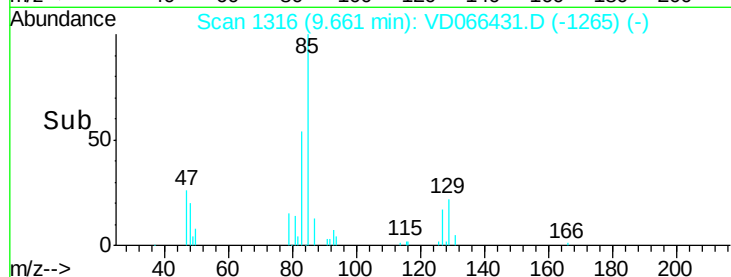
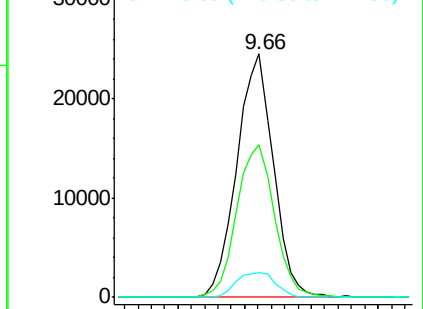
83 100

85 62.7 51.4 77.0

127 10.3 7.4 11.0



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



#48

Methyl methacrylate

Concen: 15.859 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

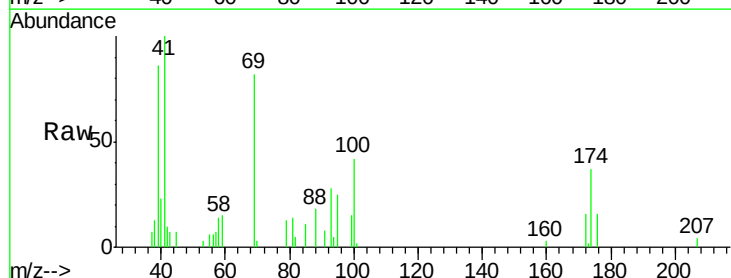
Tgt Ion: 41 Resp: 12290

Ion Ratio Lower Upper

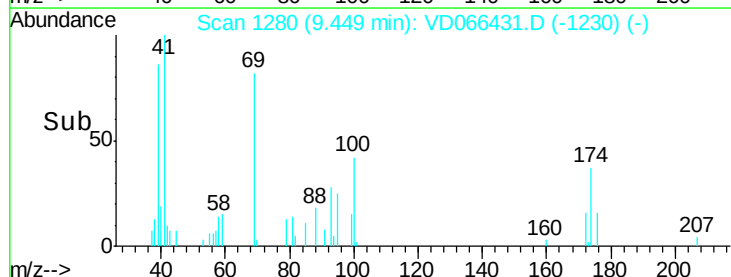
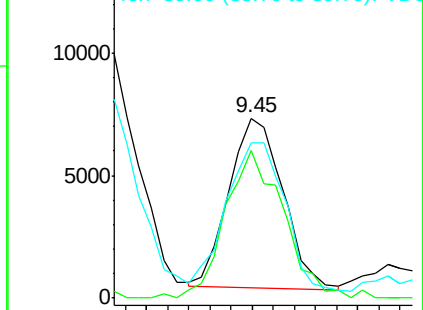
41 100

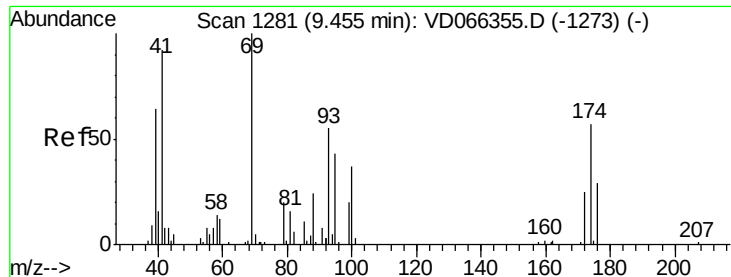
69 94.5 75.5 113.3

39 95.0 57.0 85.4#



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

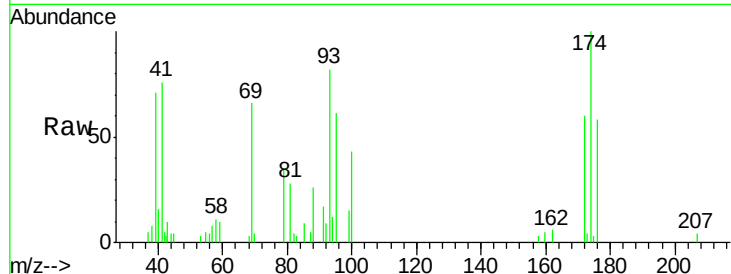




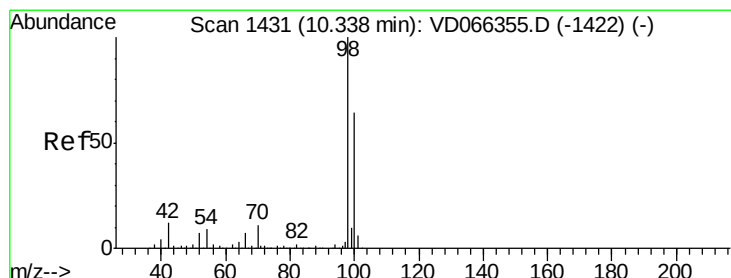
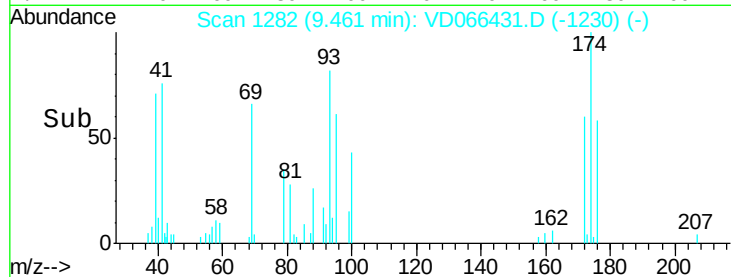
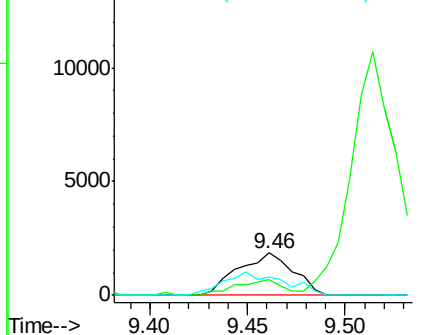
#49
1,4-Dioxane
Concen: 384.436 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

Tgt Ion: 88 Resp: 3649
Ion Ratio Lower Upper
88 100
43 30.3 29.4 44.0
58 59.8 45.4 68.2

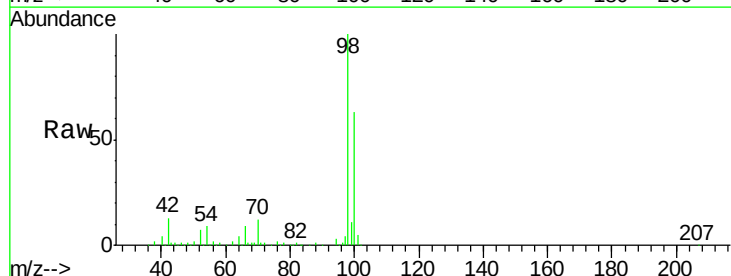


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

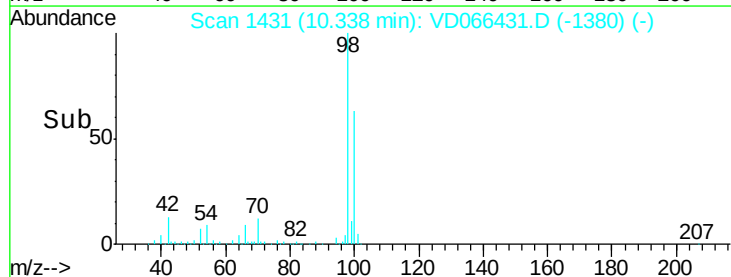
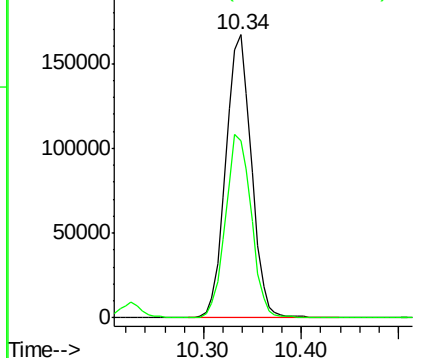


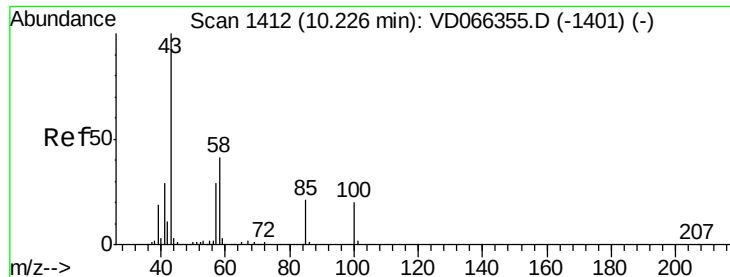
#50
Toluene-d8
Concen: 55.083 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Tgt Ion: 98 Resp: 304059
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



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

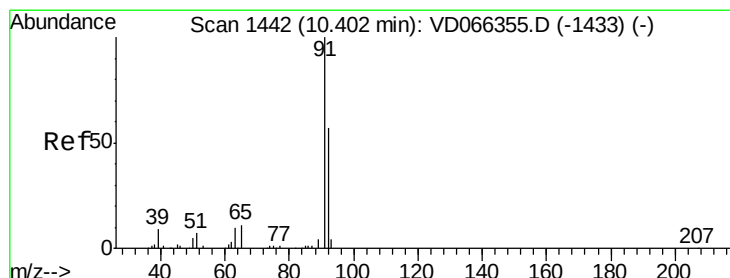
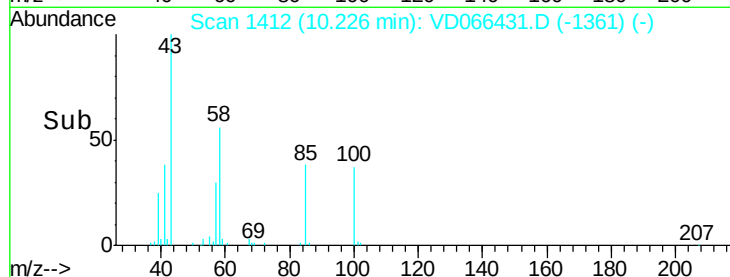
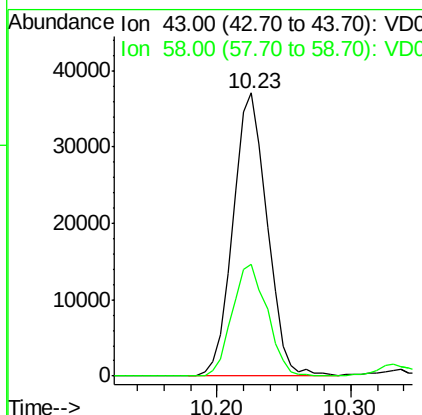
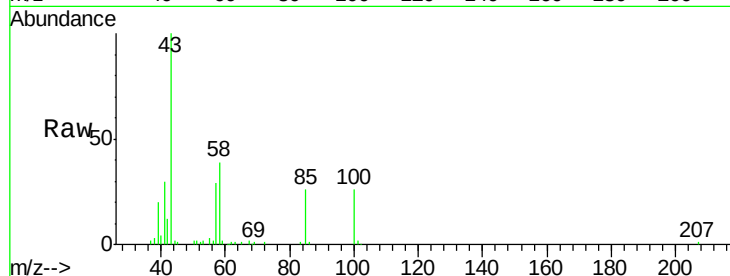




#51
 4-Methyl-2-Pentanone
 Concen: 90.456 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

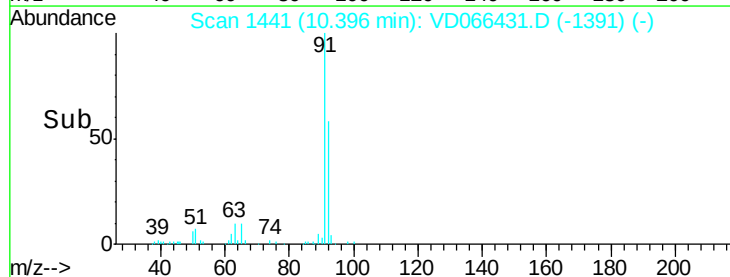
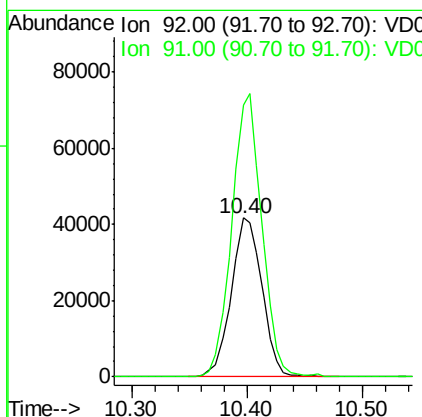
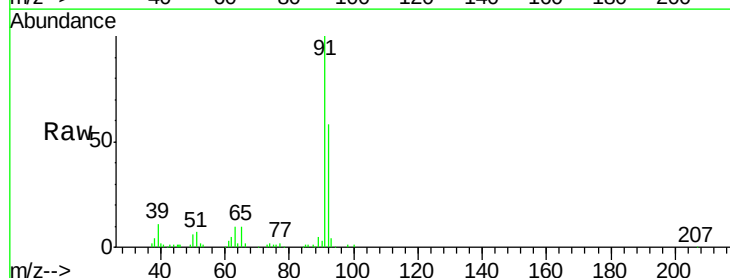
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

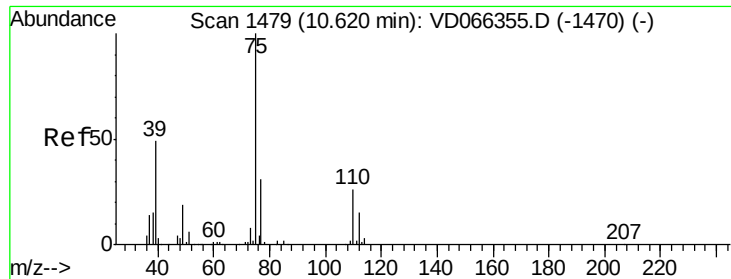
Tgt Ion: 43 Resp: 65762
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.4 47.2



#52
 Toluene
 Concen: 19.628 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion: 92 Resp: 77012
 Ion Ratio Lower Upper
 92 100
 91 172.9 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 19.688 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

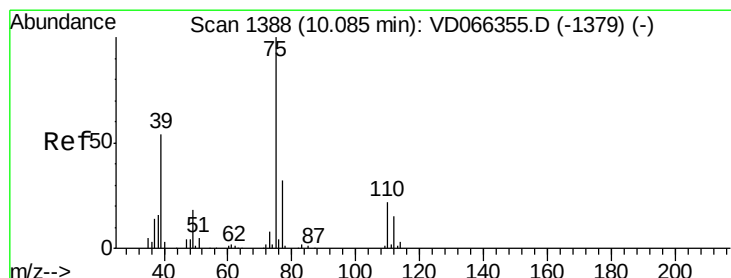
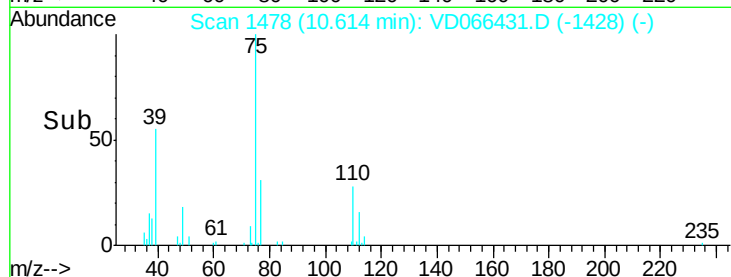
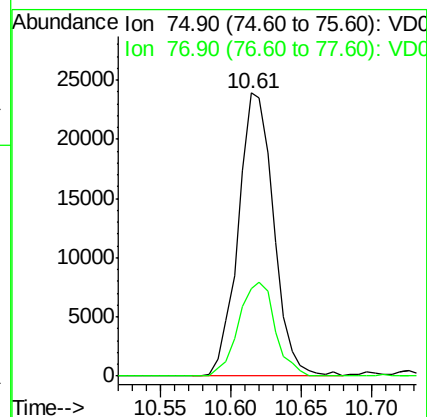
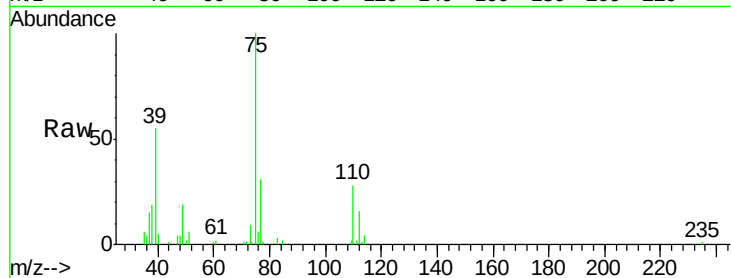
VD0827SBS01

Tgt Ion: 75 Resp: 41996

Ion Ratio Lower Upper

75 100

77 31.0 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 18.794 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

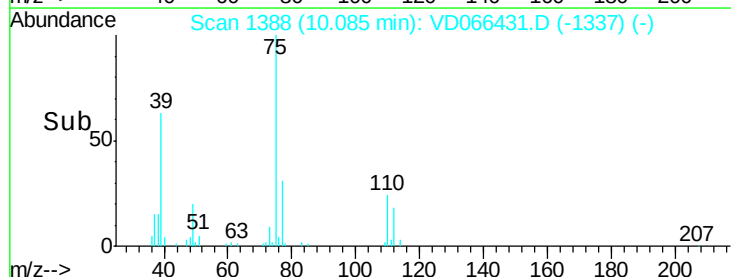
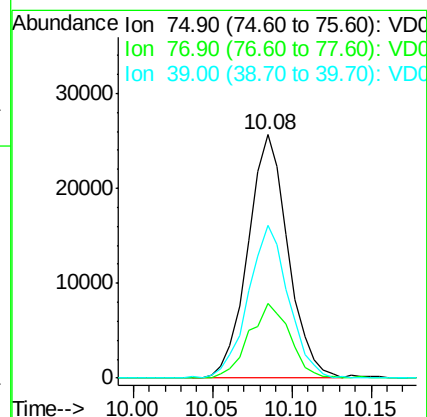
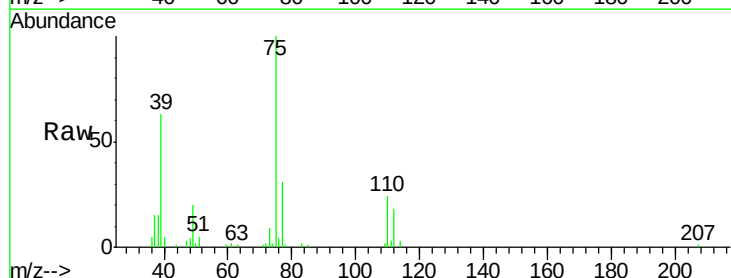
Tgt Ion: 75 Resp: 44998

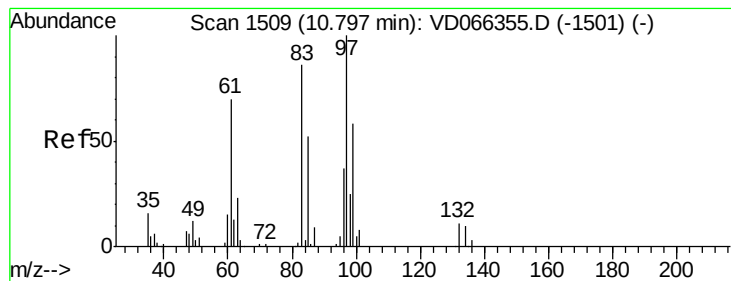
Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4

39 62.1 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 18.543 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

Tgt Ion: 97 Resp: 20520

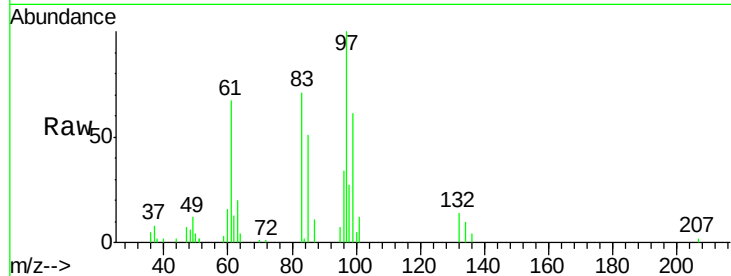
Ion Ratio Lower Upper

97 100

83 71.4 68.4 102.6

85 51.0 41.3 61.9

99 60.7 46.1 69.1



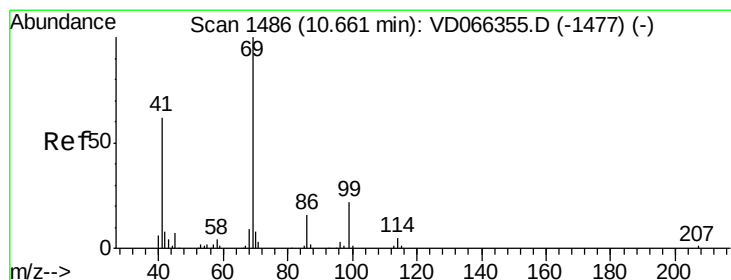
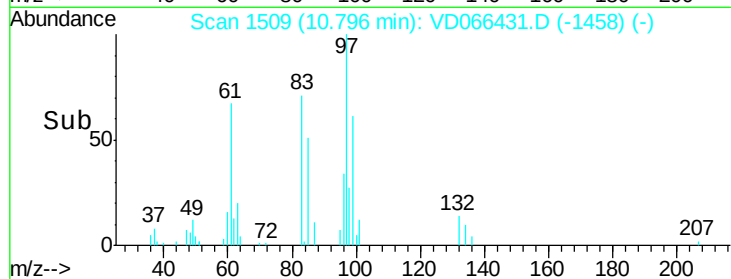
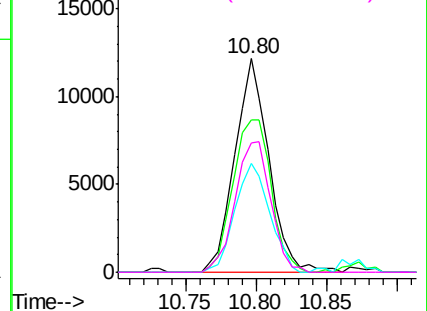
Abundance

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: 18.073 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

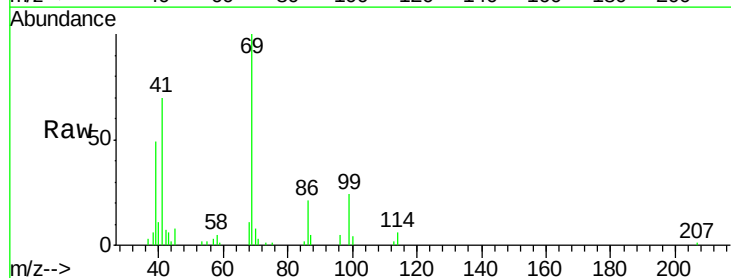
Tgt Ion: 69 Resp: 23152

Ion Ratio Lower Upper

69 100

41 66.6 50.8 76.2

39 57.1 32.9 49.3#

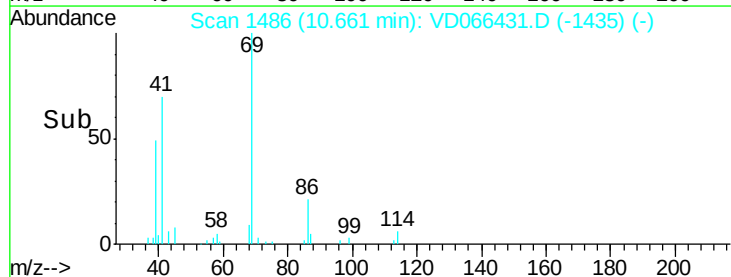
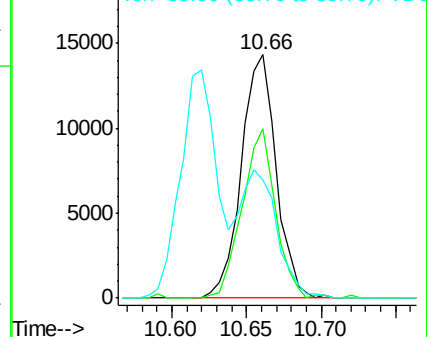


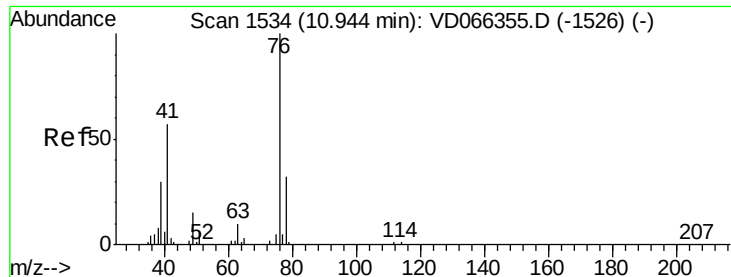
Abundance

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: 18.123 ug/l

RT: 10.94 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

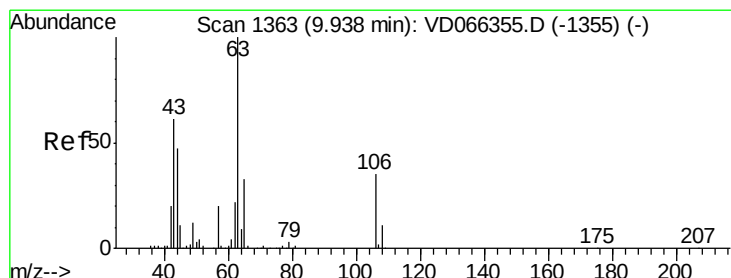
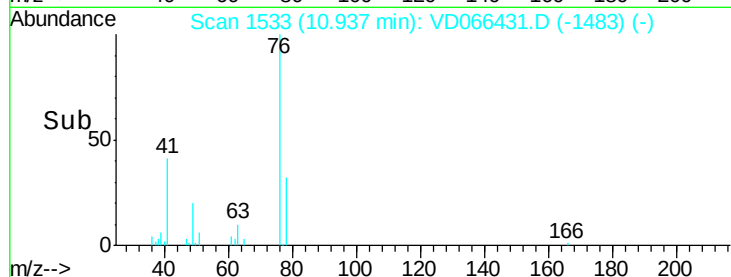
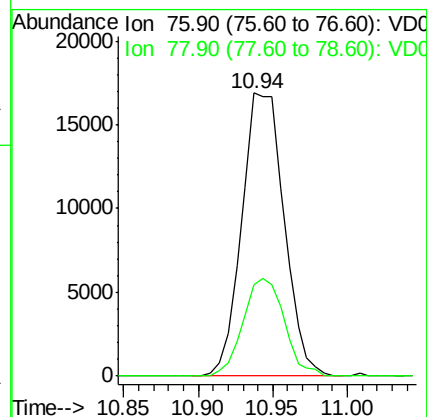
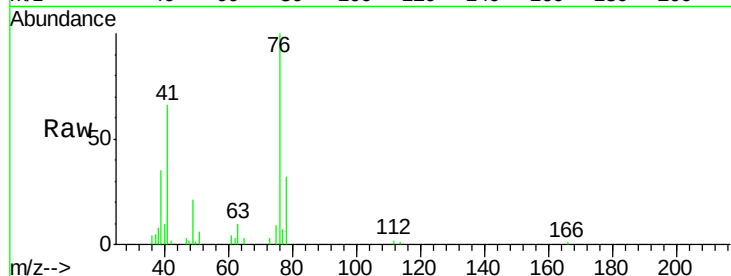
VD0827SBS01

Tgt Ion: 76 Resp: 33173

Ion Ratio Lower Upper

76 100

78 33.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 93.322 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066431.D

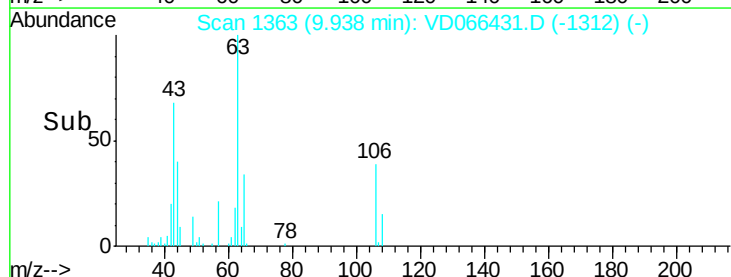
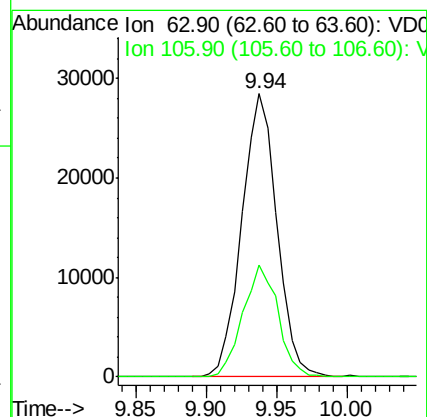
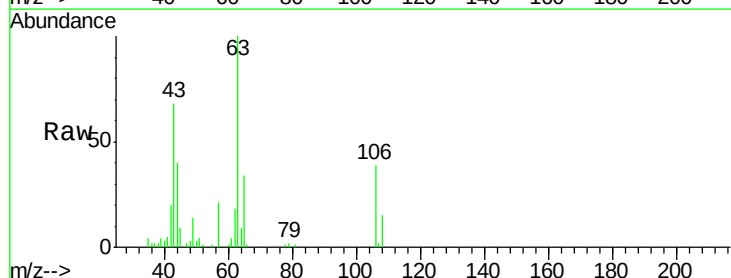
Acq: 27 Aug 2020 12:39

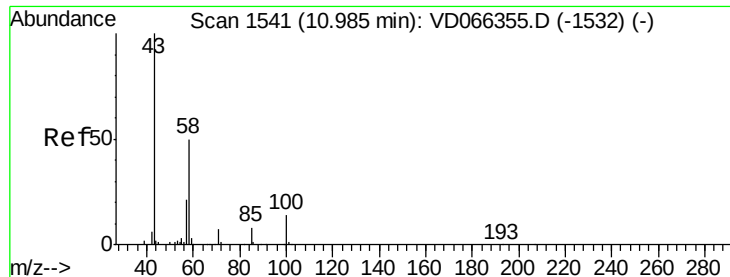
Tgt Ion: 63 Resp: 49653

Ion Ratio Lower Upper

63 100

106 39.5 27.1 40.7

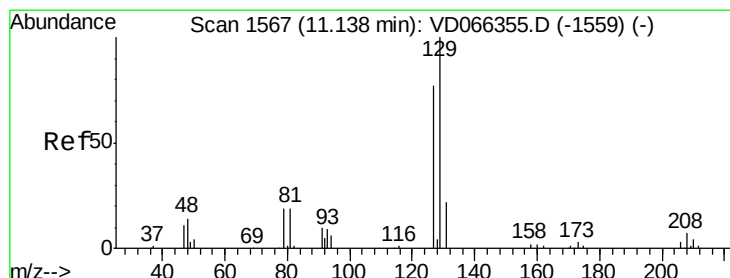
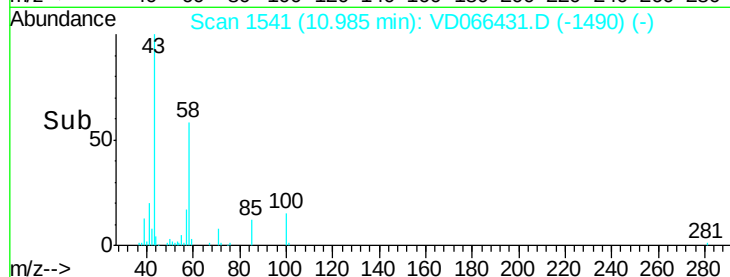
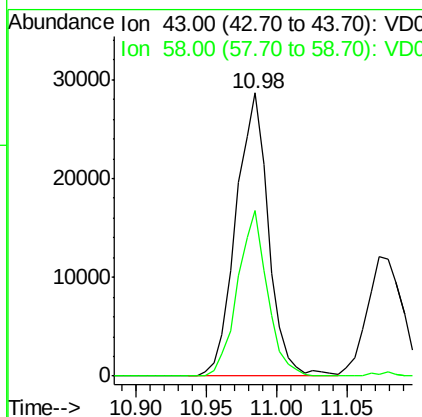
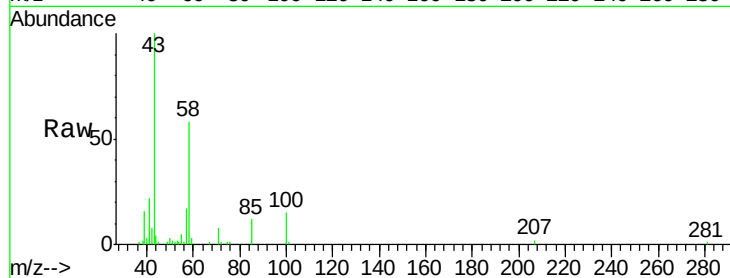




#59
2-Hexanone
Concen: 90.034 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

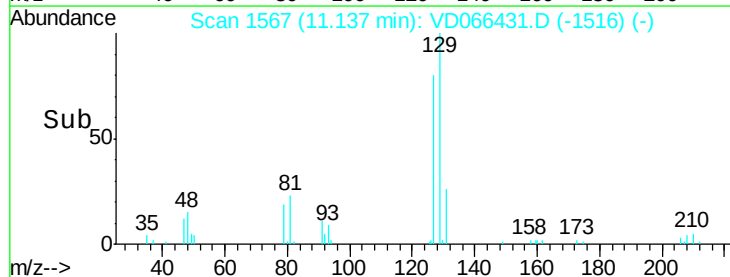
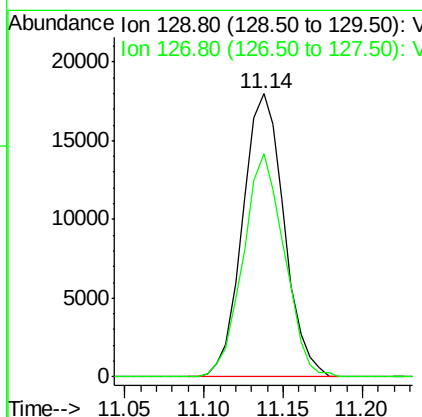
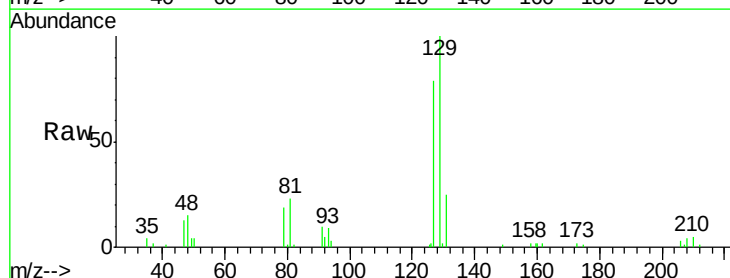
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

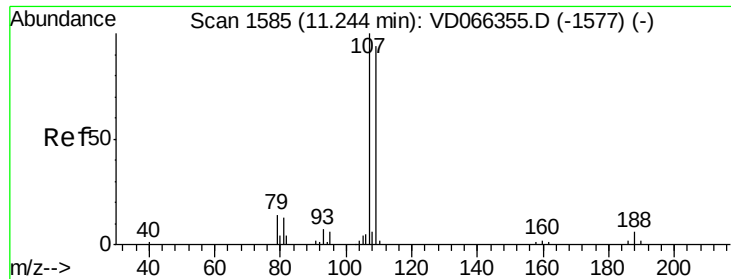
Tgt Ion: 43 Resp: 46170
Ion Ratio Lower Upper
43 100
58 53.3 26.3 78.8



#60
Dibromochloromethane
Concen: 19.600 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Tgt Ion: 129 Resp: 32694
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

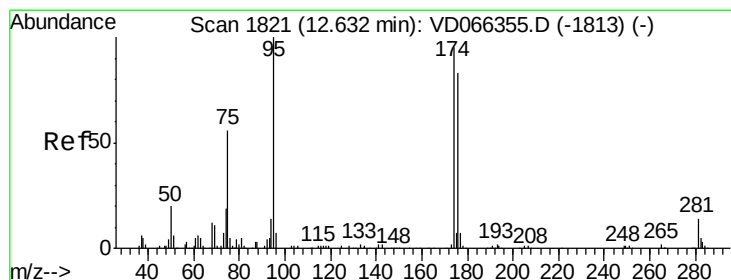
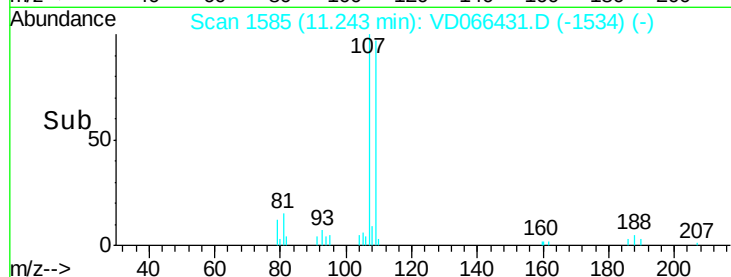
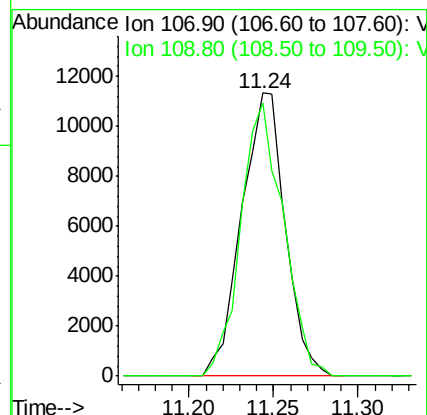
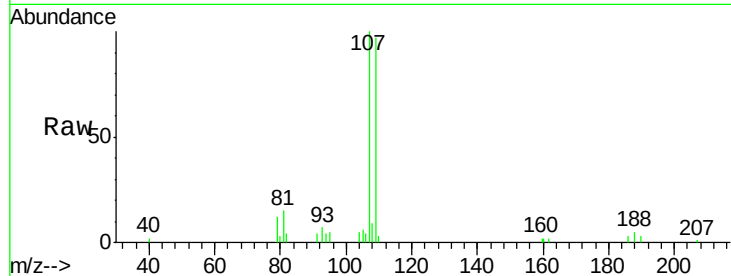




#61
 1,2-Dibromoethane
 Concen: 18.752 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

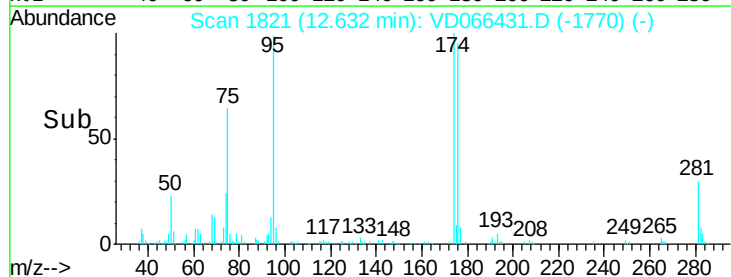
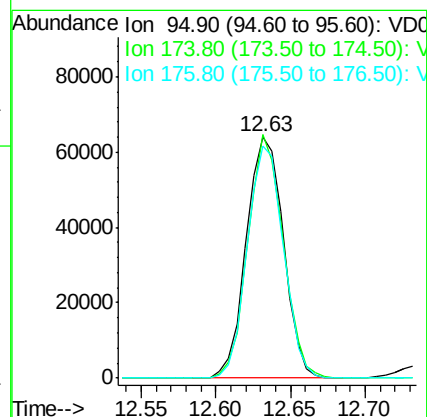
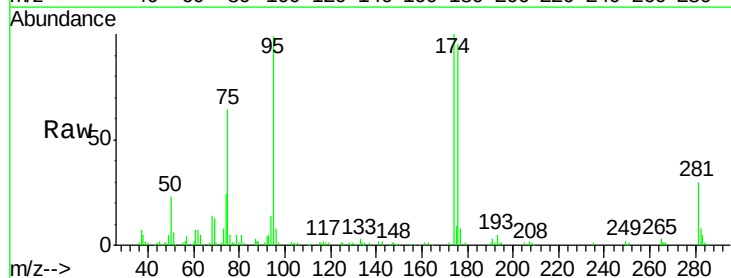
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

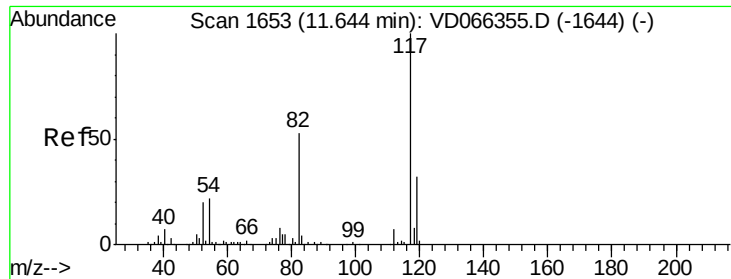
Tgt Ion: 107 Resp: 20422
 Ion Ratio Lower Upper
 107 100
 109 94.1 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 56.194 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion: 95 Resp: 110070
 Ion Ratio Lower Upper
 95 100
 174 95.6 0.0 183.4
 176 93.6 0.0 173.8

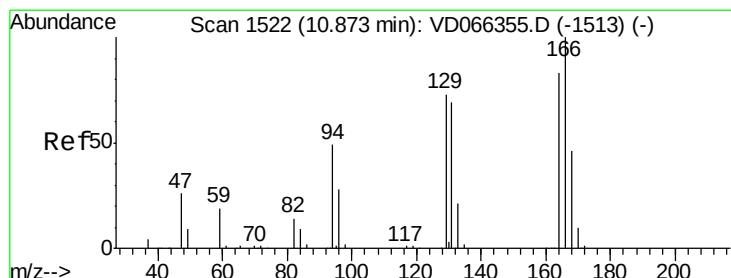
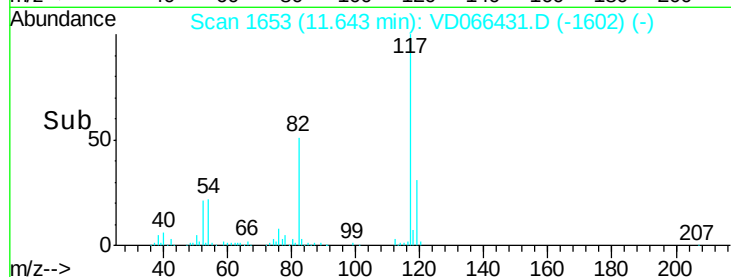
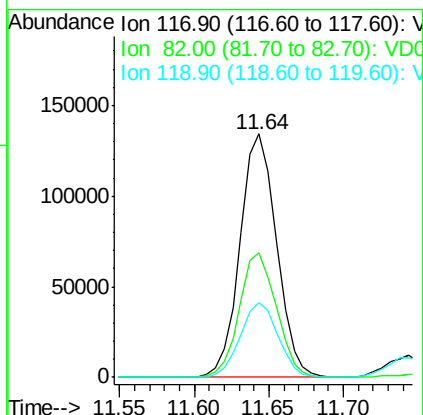
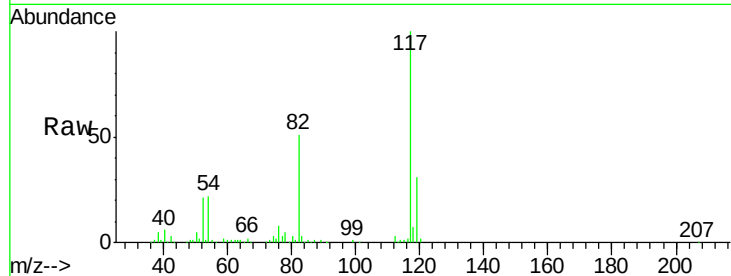




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

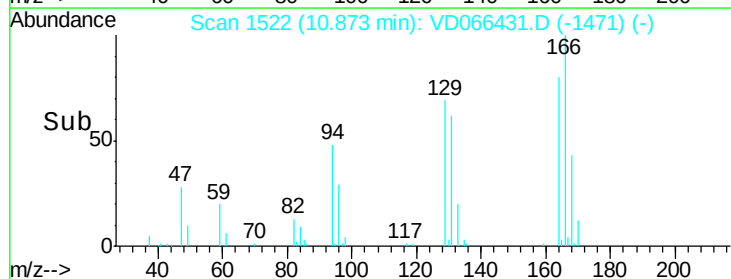
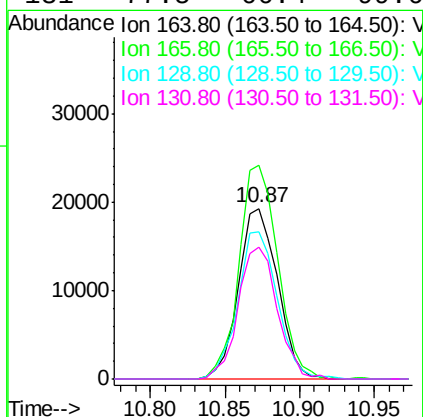
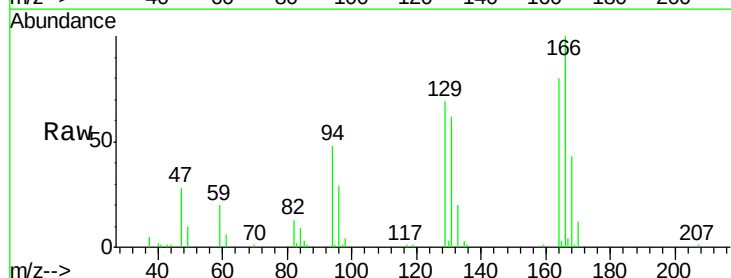
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

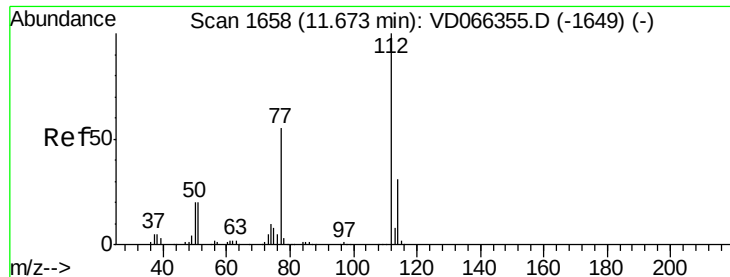
Tgt Ion:117 Resp: 228668
Ion Ratio Lower Upper
117 100
82 51.1 42.8 64.2
119 30.8 25.8 38.8



#64
Tetrachloroethene
Concen: 20.090 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Tgt Ion:164 Resp: 34849
Ion Ratio Lower Upper
164 100
166 125.4 96.2 144.4
129 86.1 70.3 105.5
131 77.5 66.4 99.6

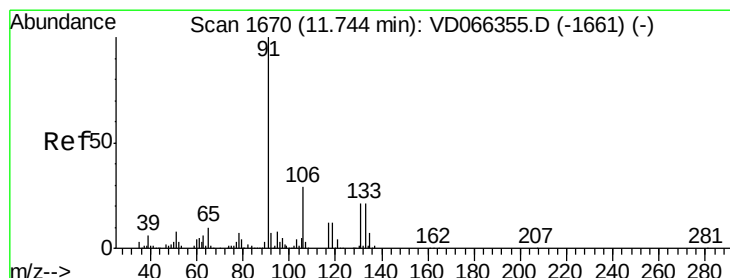
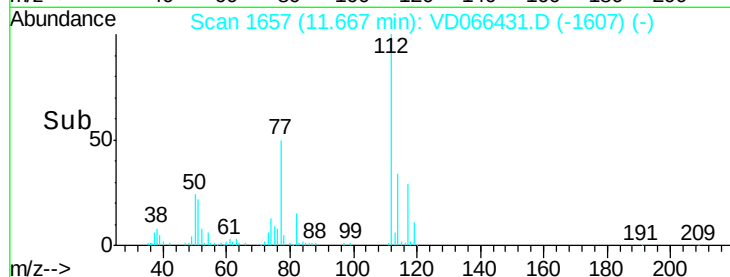
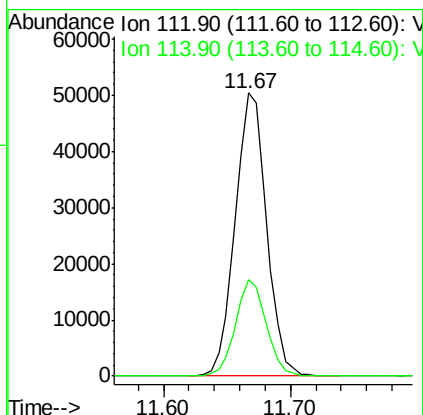
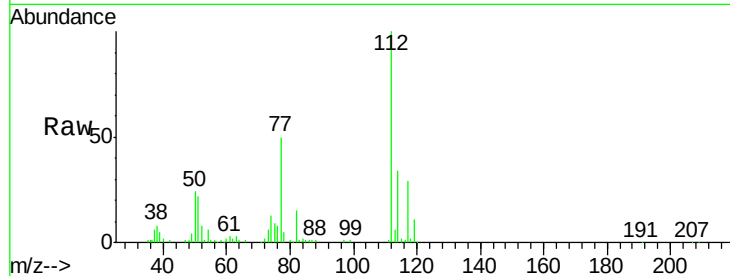




#65
Chlorobenzene
Concen: 18.979 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

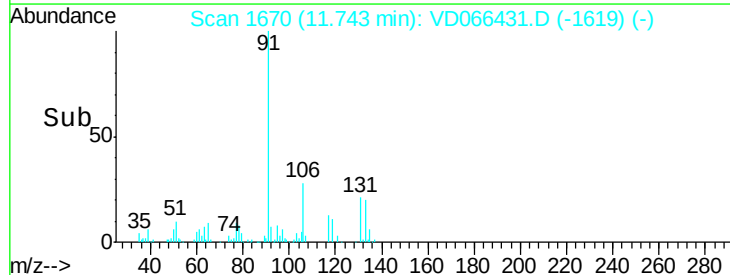
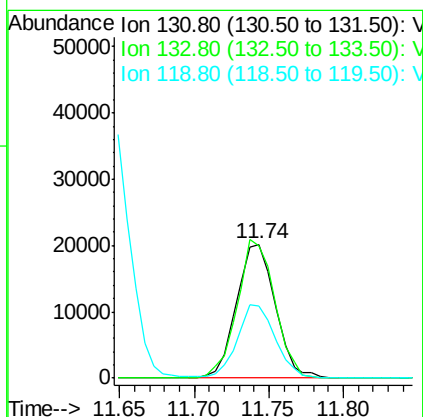
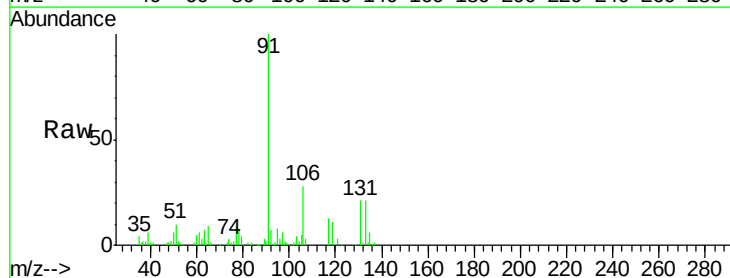
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

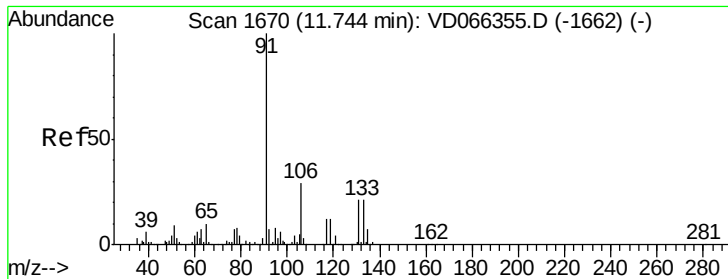
Tgt Ion:112 Resp: 86343
Ion Ratio Lower Upper
112 100
114 34.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.584 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Tgt Ion:131 Resp: 36410
Ion Ratio Lower Upper
131 100
133 100.2 48.6 145.9
119 54.1 29.0 87.1





#67

Ethyl Benzene

Concen: 19.125 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

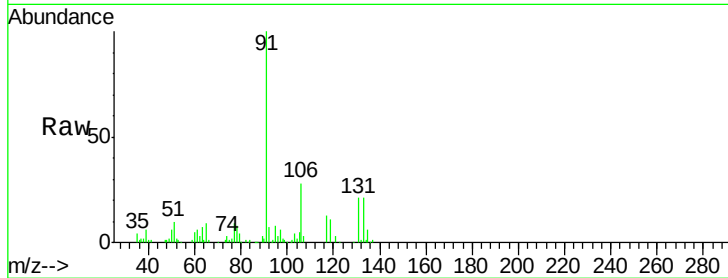
VD0827SBS01

Tgt Ion: 91 Resp: 153151

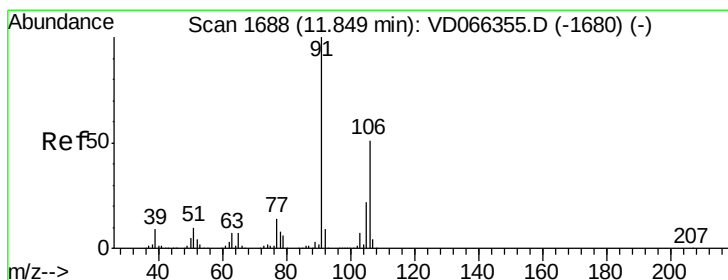
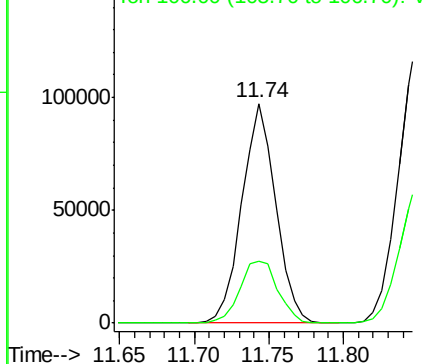
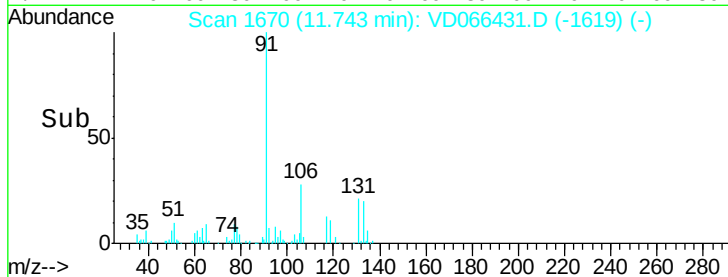
Ion Ratio Lower Upper

91 100

106 28.2 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VD066431.D (-1619) (-)



#68

m/p-Xylenes

Concen: 39.652 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066431.D

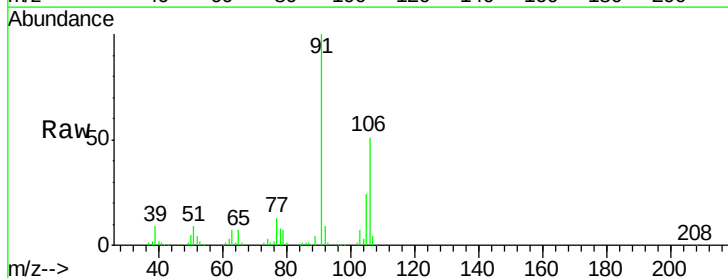
Acq: 27 Aug 2020 12:39

Tgt Ion: 106 Resp: 121029

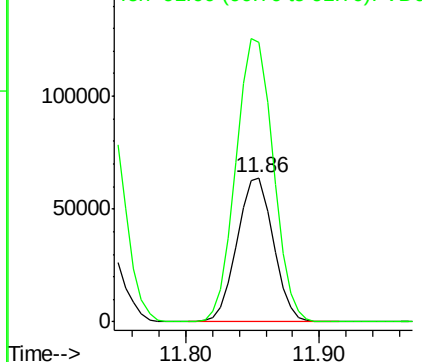
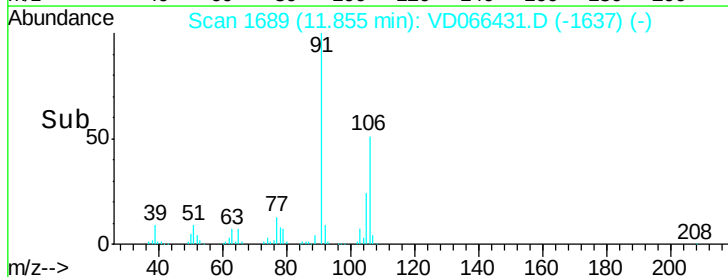
Ion Ratio Lower Upper

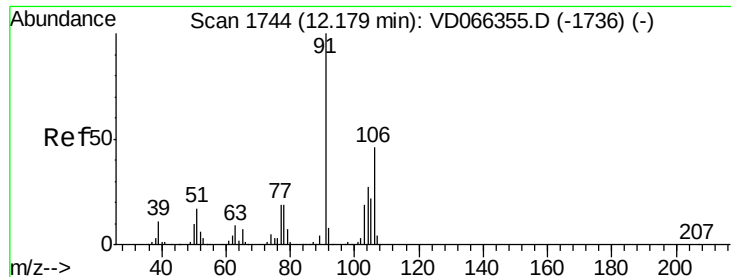
106 100

91 201.7 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066431.D (-1637) (-)

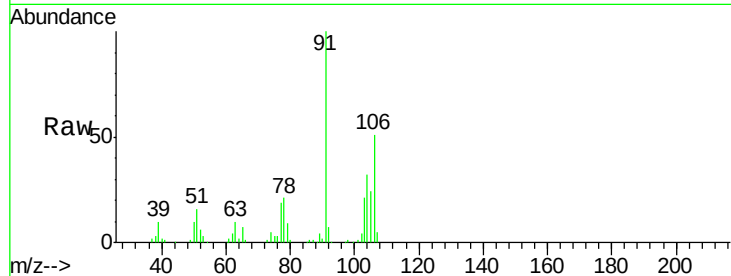




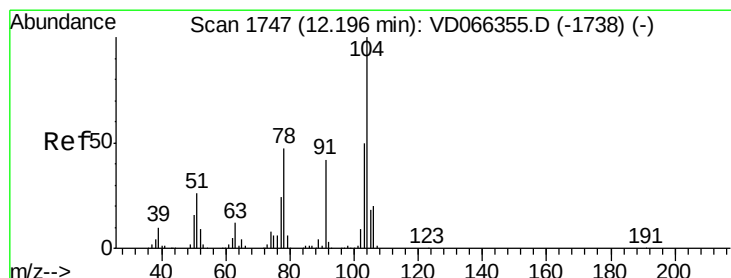
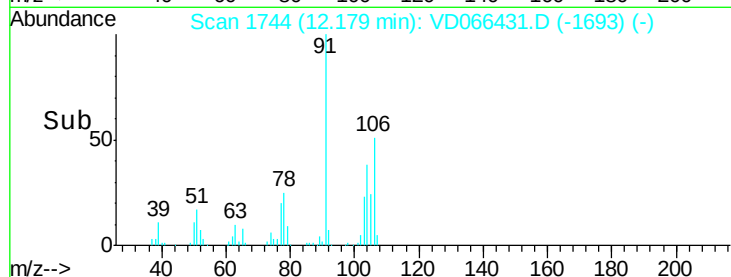
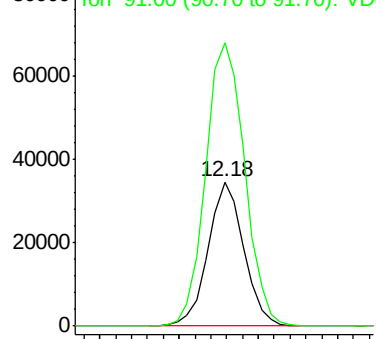
#69
o-Xylene
Concen: 19.019 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

Tgt Ion:106 Resp: 54004
Ion Ratio Lower Upper
106 100
91 215.2 109.1 327.3

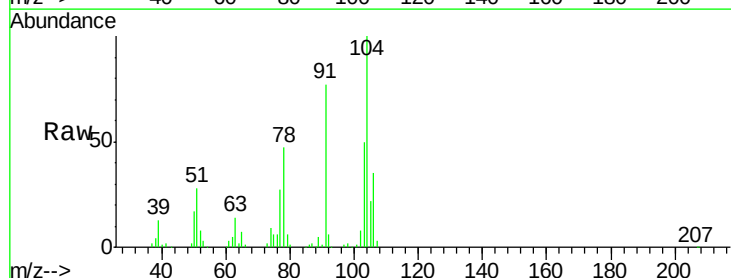


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

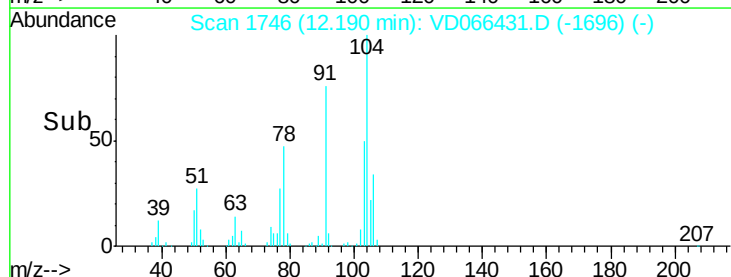
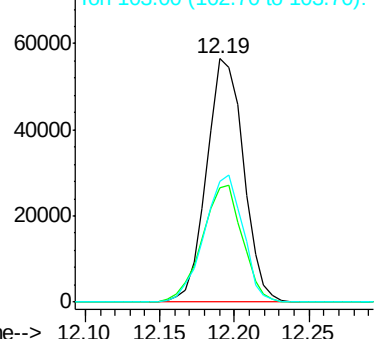


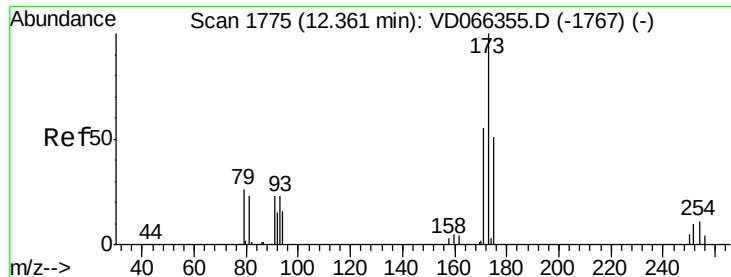
#70
Styrene
Concen: 19.832 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Tgt Ion:104 Resp: 96692
Ion Ratio Lower Upper
104 100
78 52.1 41.7 62.5
103 54.6 43.5 65.3



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





#71

Bromoform

Concen: 19.187 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

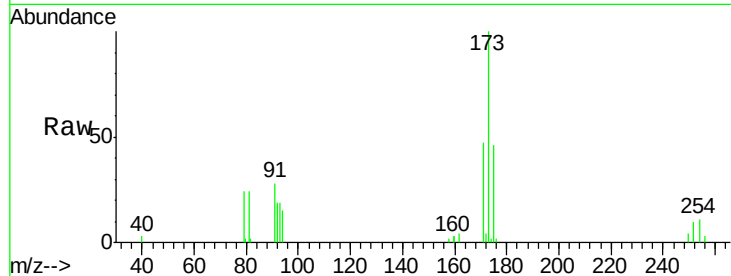
Tgt Ion:173 Resp: 20238

Ion Ratio Lower Upper

173 100

175 51.8 24.8 74.3

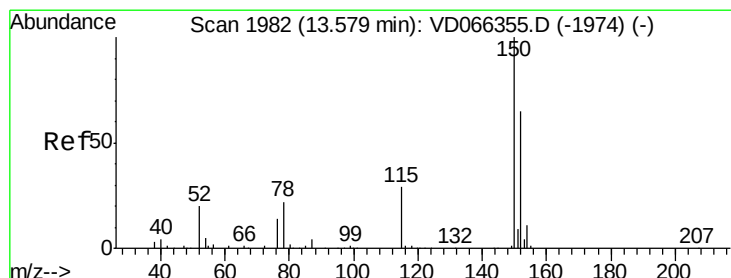
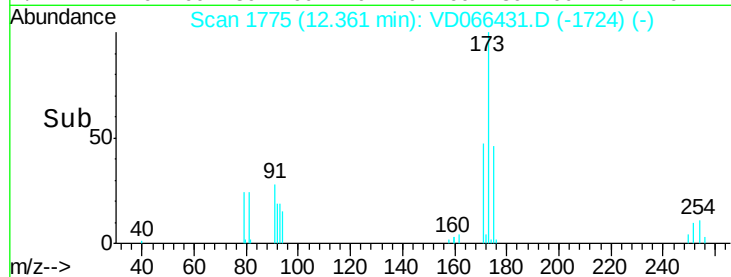
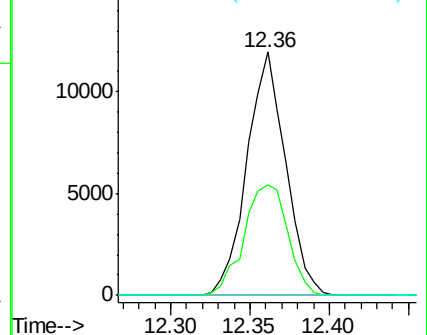
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

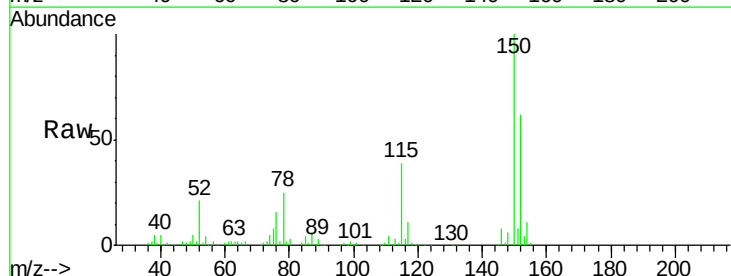
Tgt Ion:152 Resp: 122865

Ion Ratio Lower Upper

152 100

115 57.0 28.3 85.0

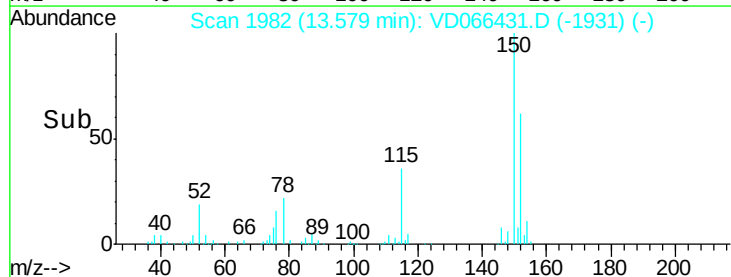
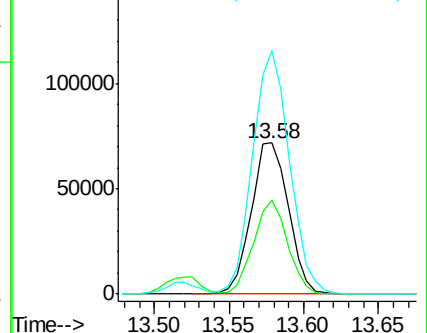
150 161.4 0.0 343.2

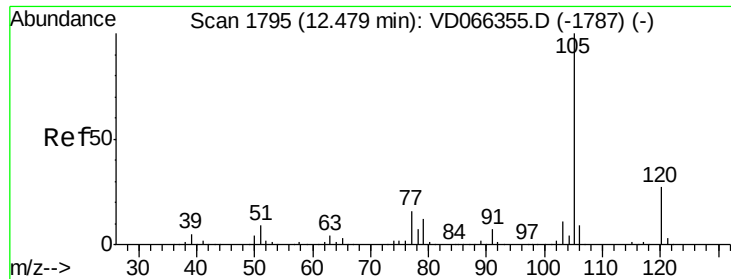


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

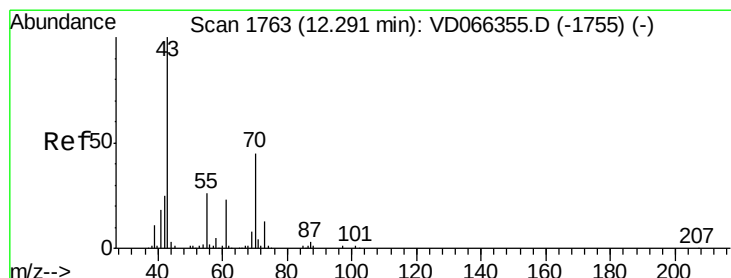
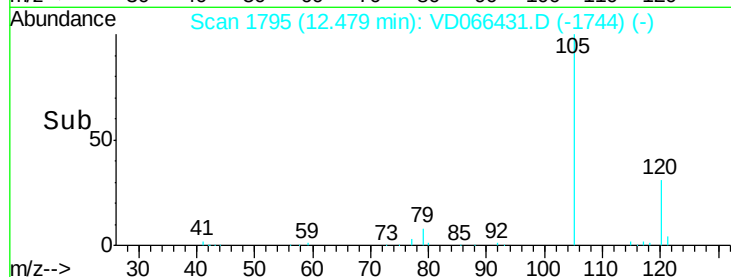
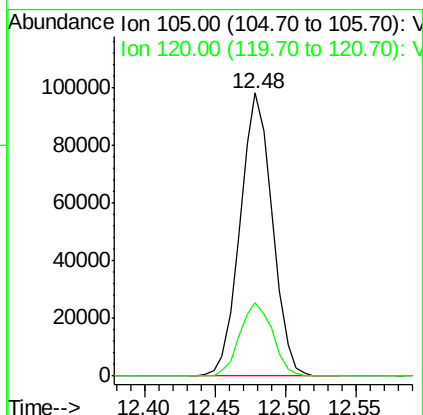
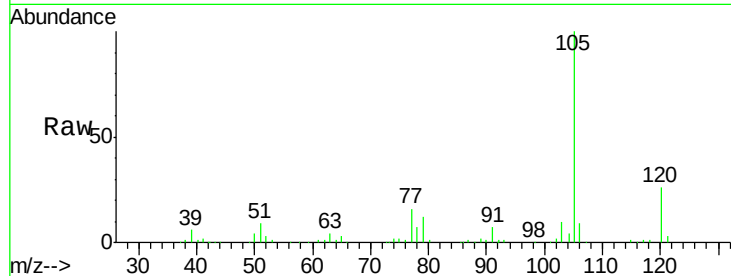




#73
Isopropylbenzene
Concen: 18.992 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

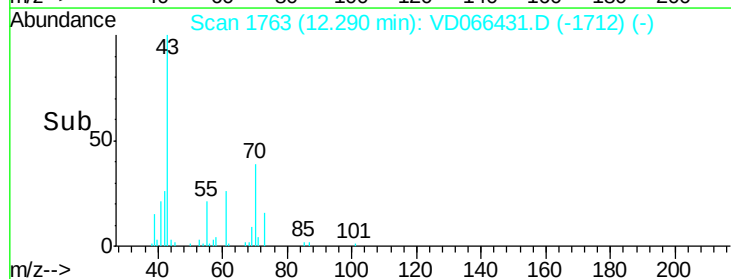
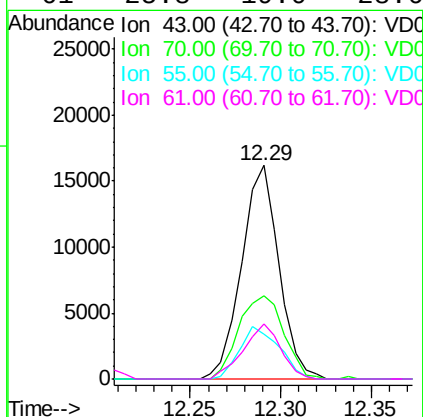
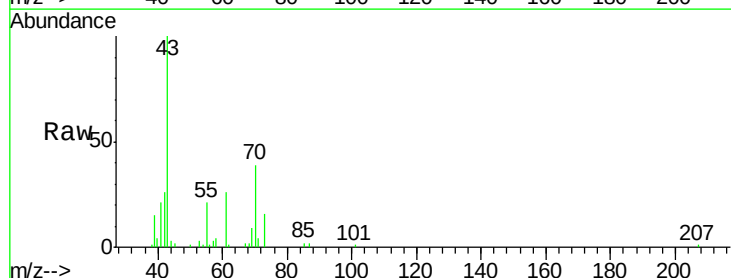
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

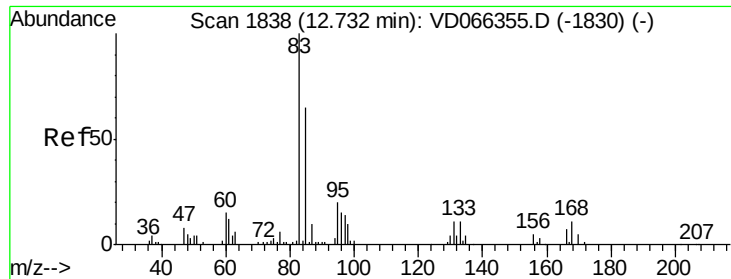
Tgt Ion: 105 Resp: 156318
Ion Ratio Lower Upper
105 100
120 26.5 13.6 40.8



#74
N-ethyl acetate
Concen: 15.601 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066431.D
Acq: 27 Aug 2020 12:39

Tgt Ion: 43 Resp: 23192
Ion Ratio Lower Upper
43 100
70 47.1 34.8 52.2
55 26.0 20.3 30.5
61 25.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 16.700 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

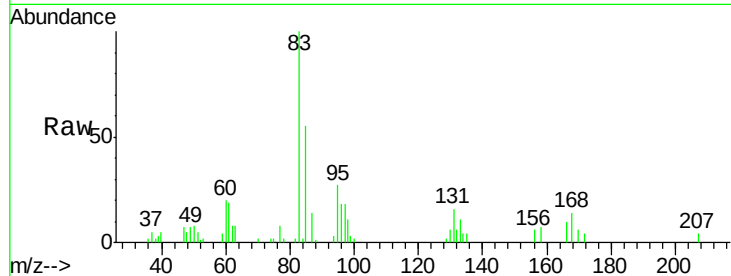
Tgt Ion: 83 Resp: 19635

Ion Ratio Lower Upper

83 100

131 16.6 7.0 20.9

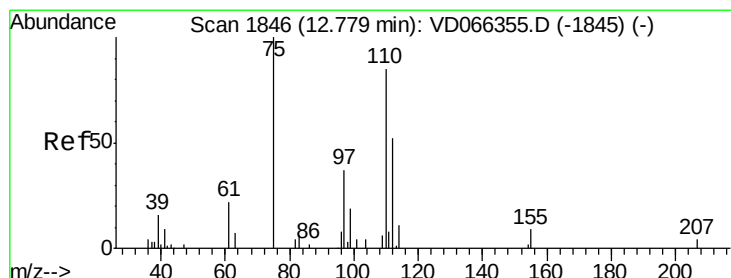
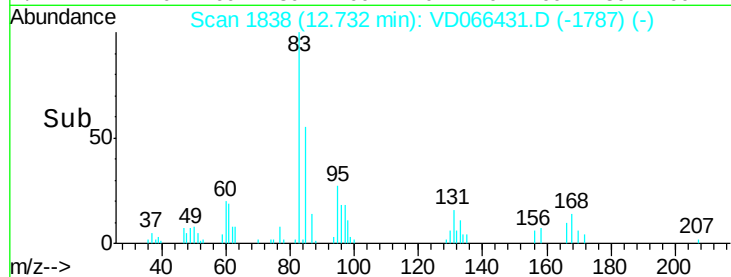
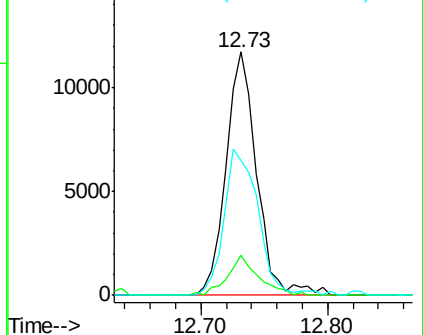
85 65.2 32.4 97.0



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: 35.500 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066431.D

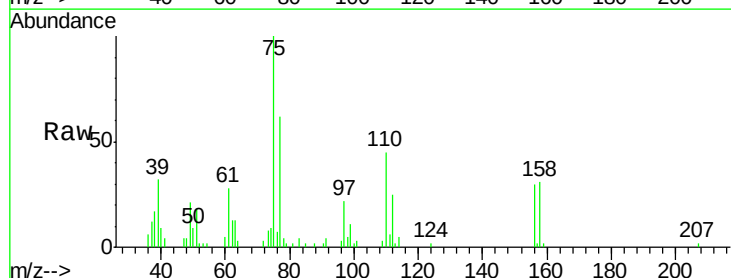
Acq: 27 Aug 2020 12:39

Tgt Ion: 75 Resp: 30685

Ion Ratio Lower Upper

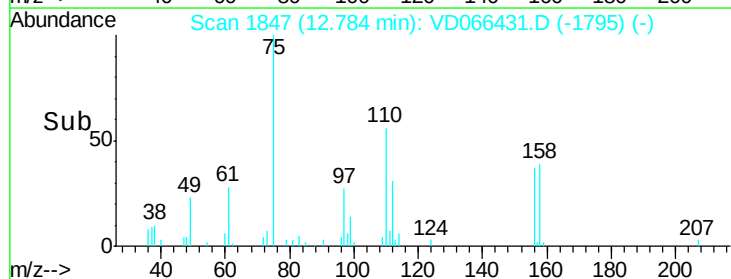
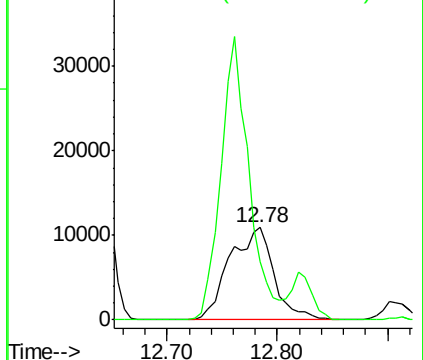
75 100

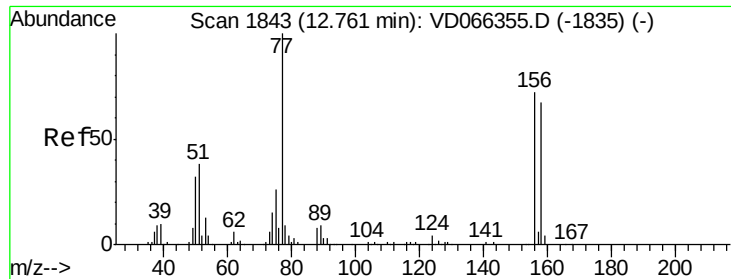
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 18.600 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

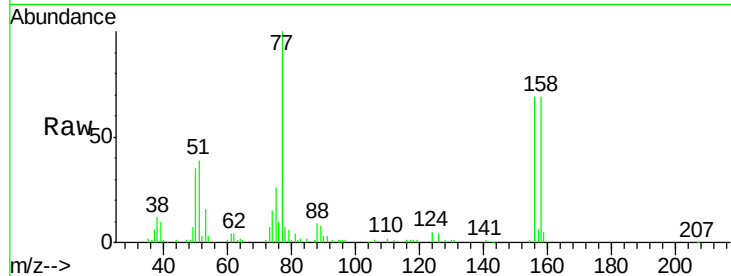
Tgt Ion:156 Resp: 38856

Ion Ratio Lower Upper

156 100

77 153.5 76.1 228.3

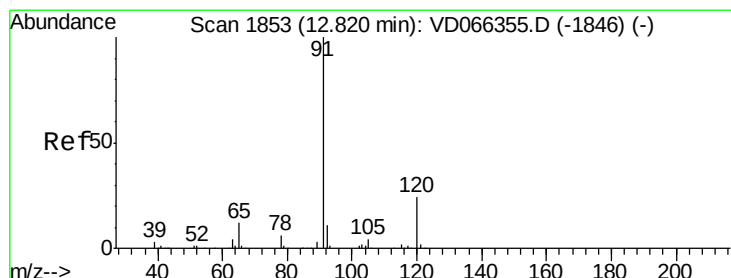
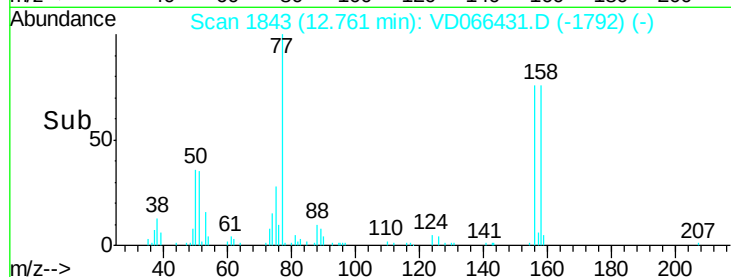
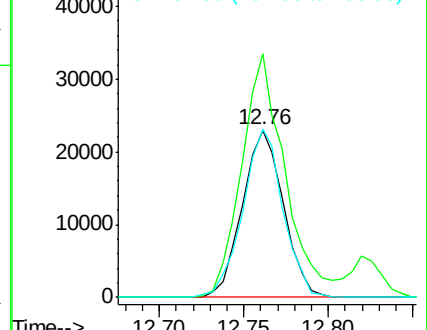
158 99.0 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.957 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066431.D

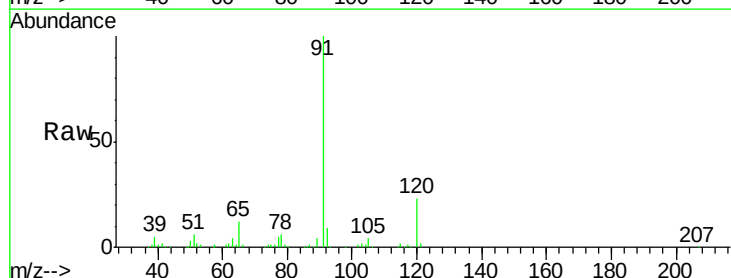
Acq: 27 Aug 2020 12:39

Tgt Ion: 91 Resp: 178904

Ion Ratio Lower Upper

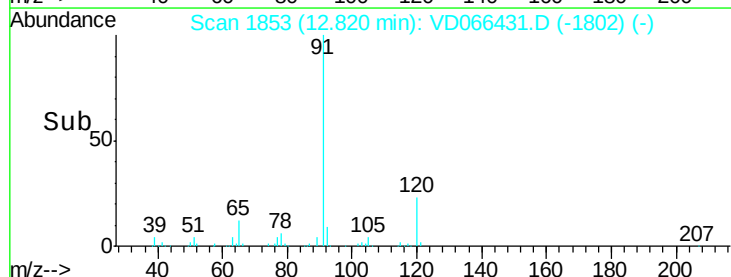
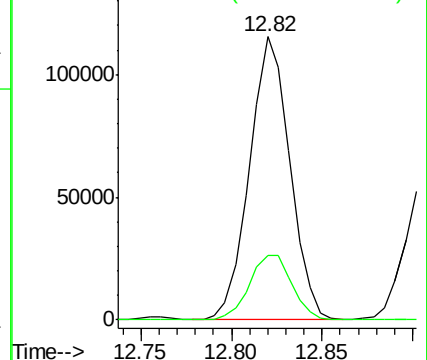
91 100

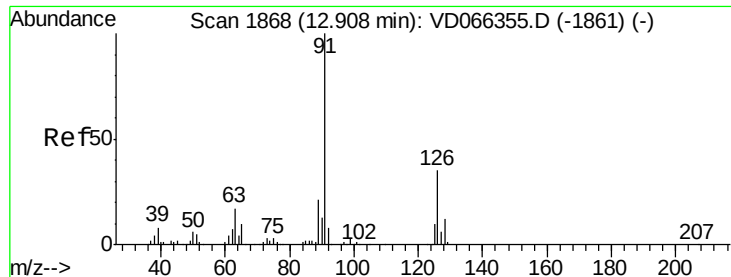
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

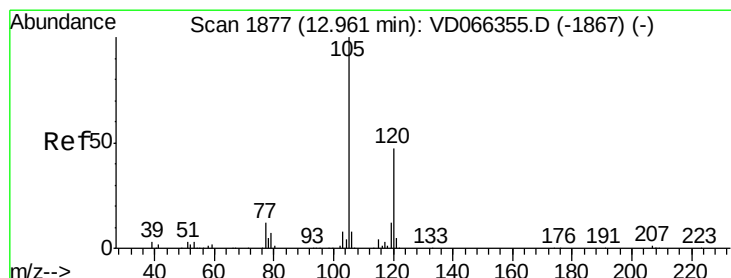
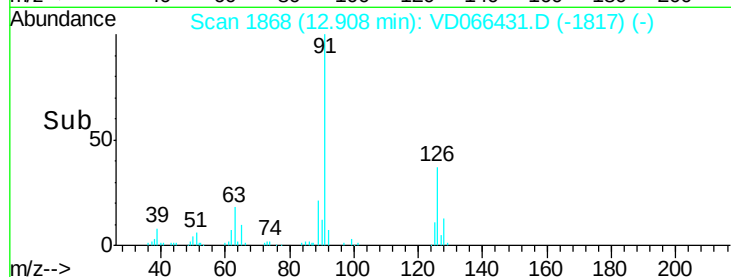
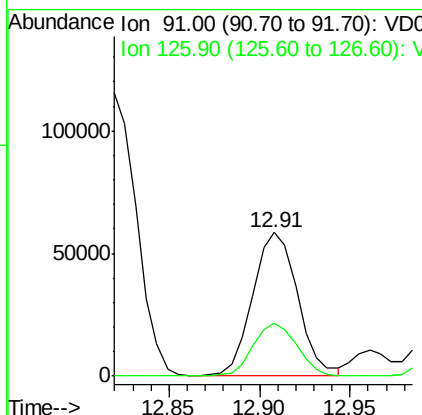
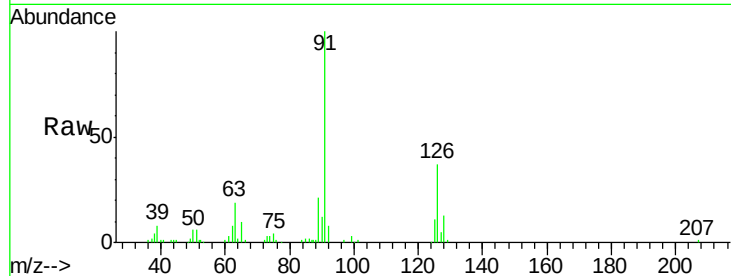




#79
 2-Chlorotoluene
 Concen: 18.901 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

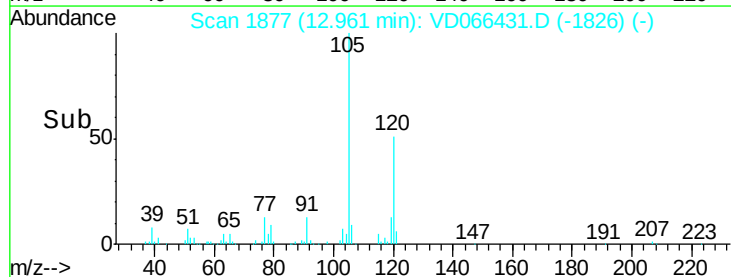
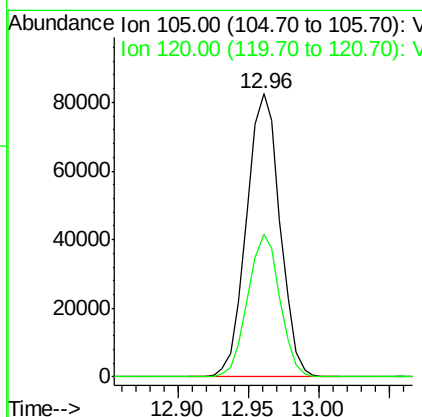
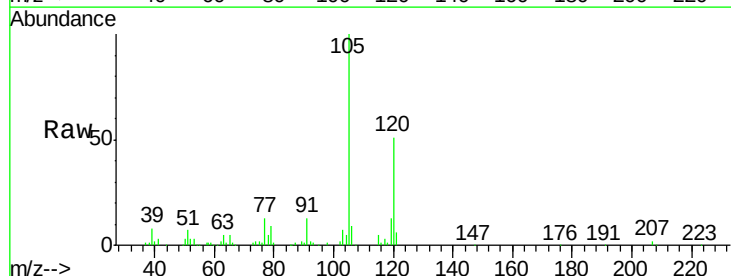
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

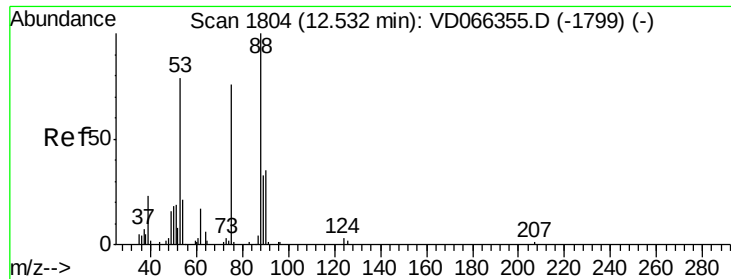
Tgt Ion: 91 Resp: 101876
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.352 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion: 105 Resp: 137527
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.488 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

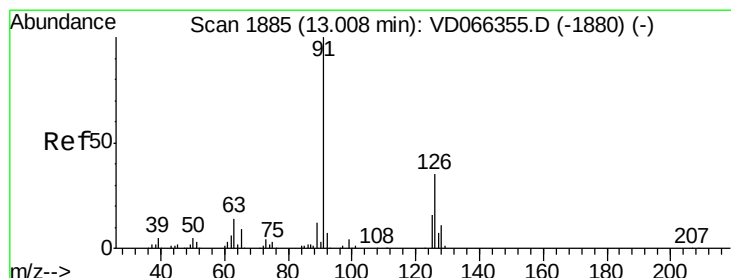
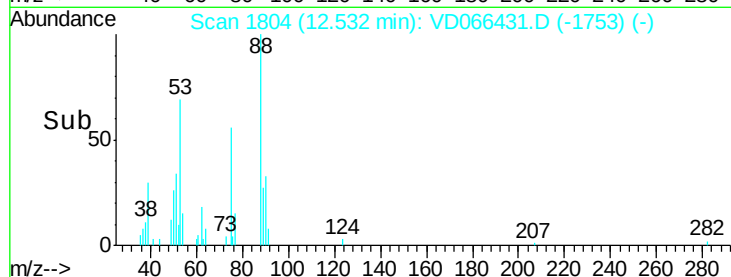
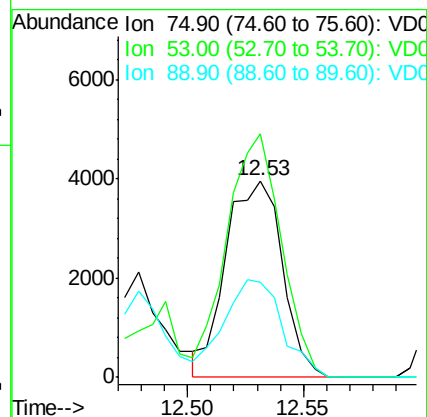
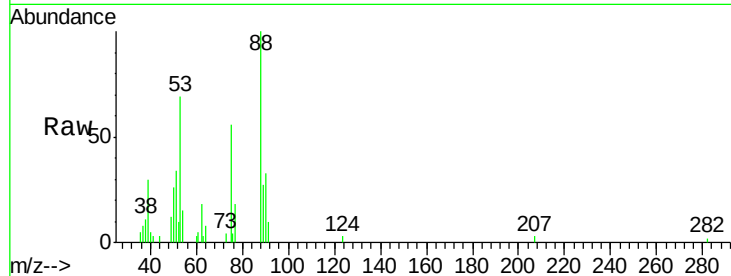
Tgt Ion: 75 Resp: 6714

Ion Ratio Lower Upper

75 100

53 119.8 87.4 131.2

89 51.7 39.4 59.0



#82

4-Chlorotoluene

Concen: 18.825 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066431.D

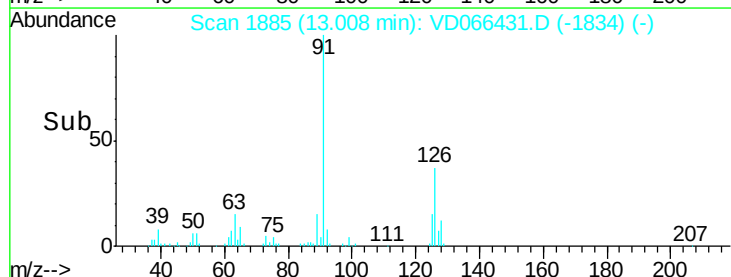
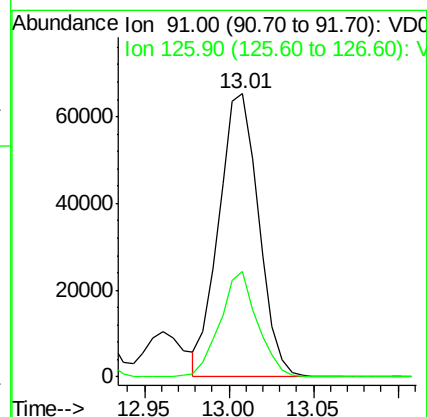
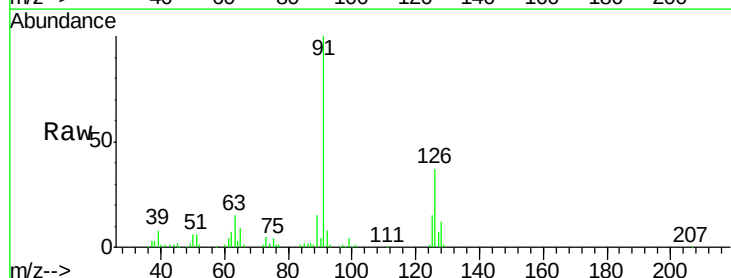
Acq: 27 Aug 2020 12:39

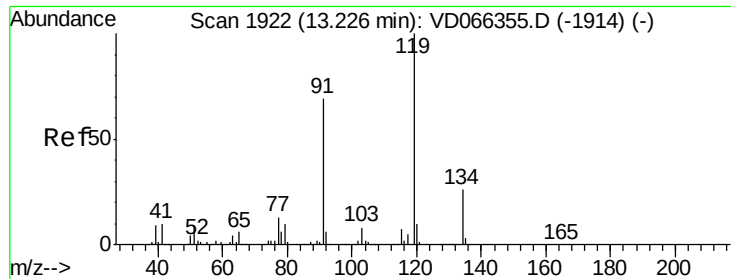
Tgt Ion: 91 Resp: 107500

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2

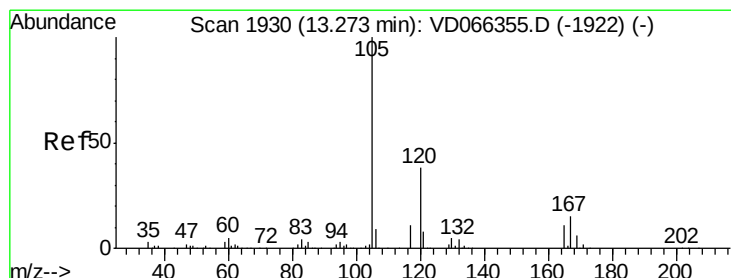
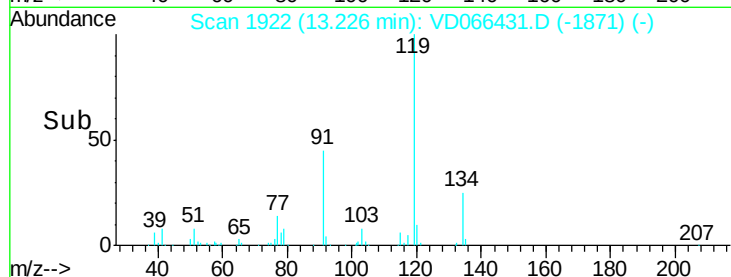
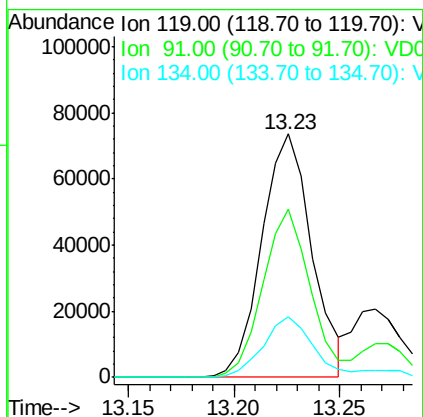
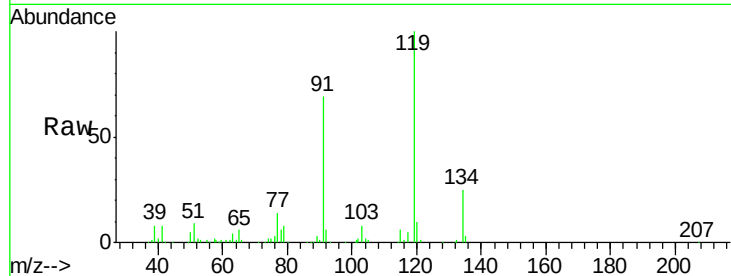




#83
 tert-Butylbenzene
 Concen: 19.638 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

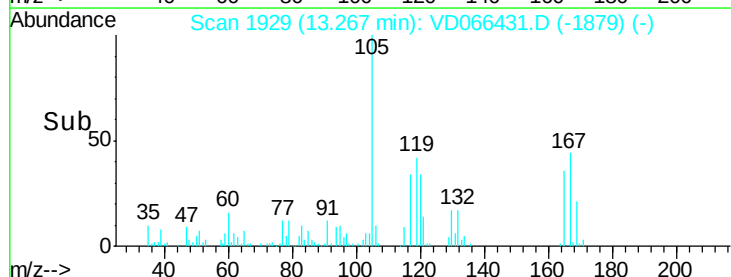
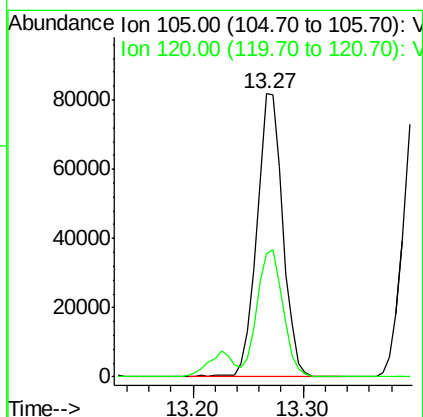
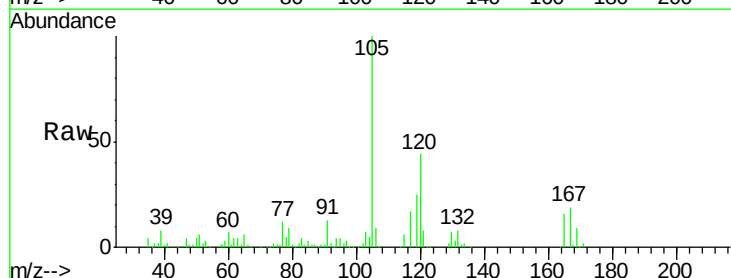
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

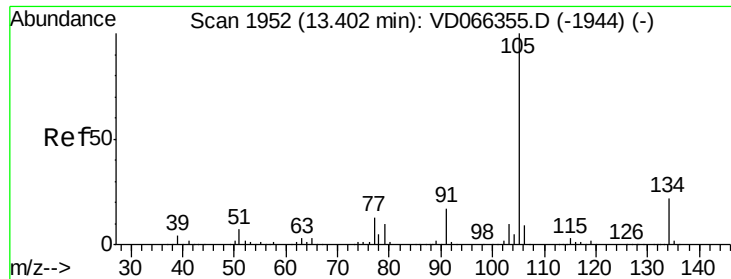
Tgt Ion:119 Resp: 121218
 Ion Ratio Lower Upper
 119 100
 91 66.3 33.5 100.5
 134 25.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.335 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion:105 Resp: 134957
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.6 67.7

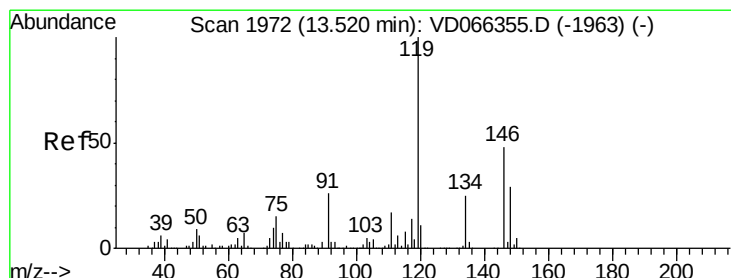
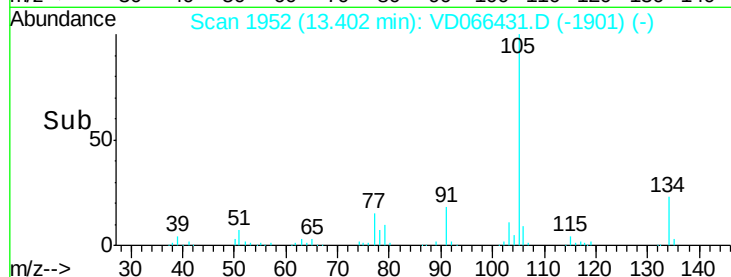
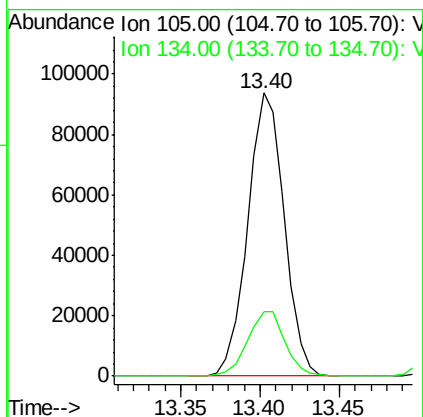
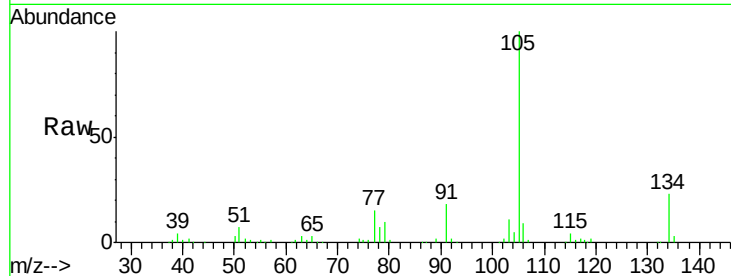




#85
 sec-Butylbenzene
 Concen: 18.529 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

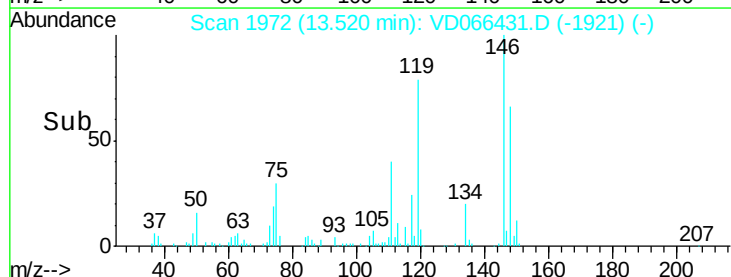
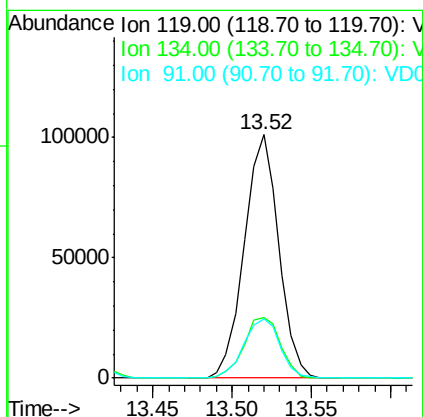
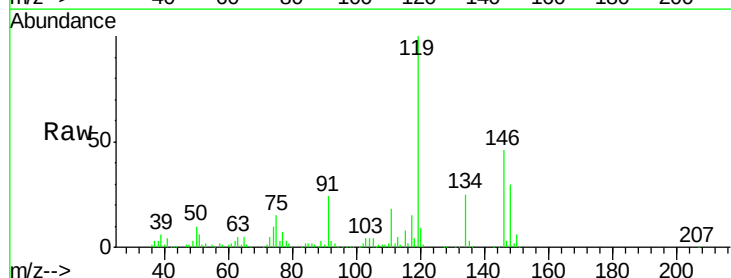
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

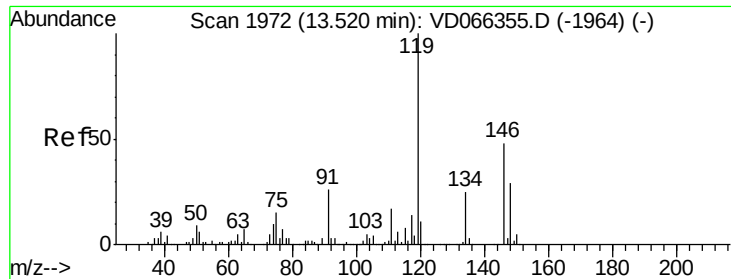
Tgt Ion:105 Resp: 149853
 Ion Ratio Lower Upper
 105 100
 134 23.4 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 19.546 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion:119 Resp: 152422
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 25.5 12.7 38.0

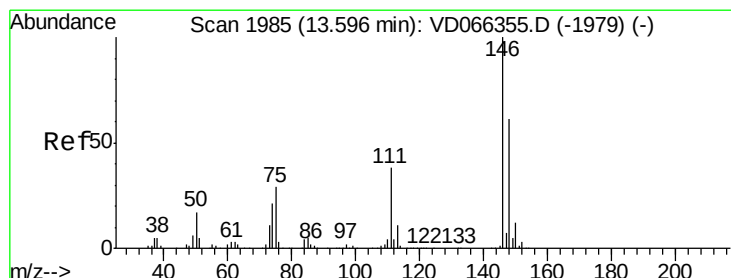
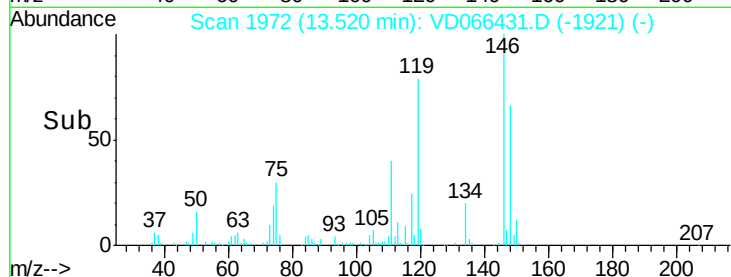
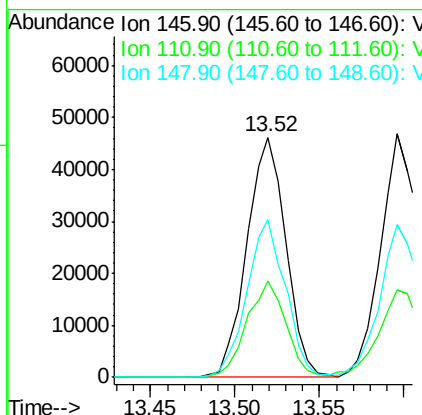
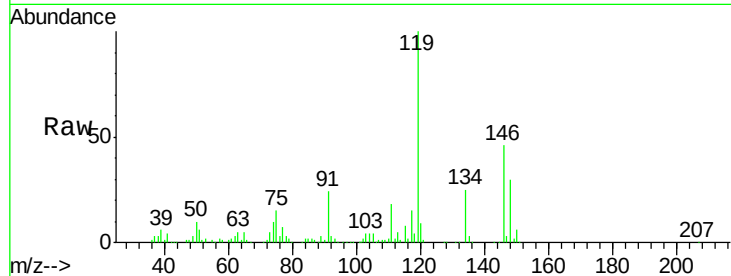




#87
 1,3-Dichlorobenzene
 Concen: 19.049 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

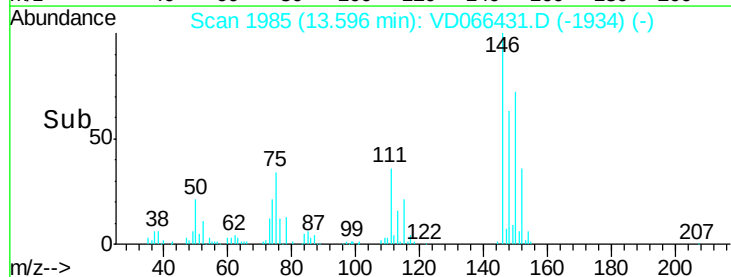
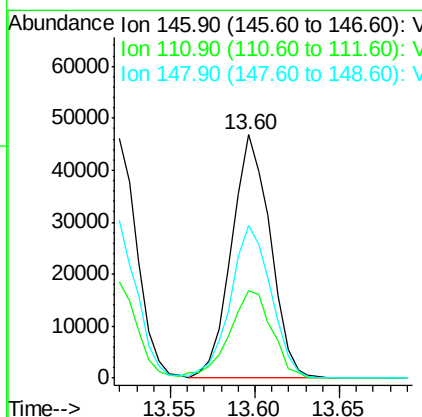
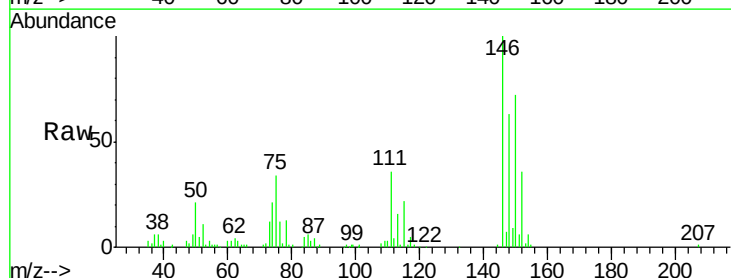
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

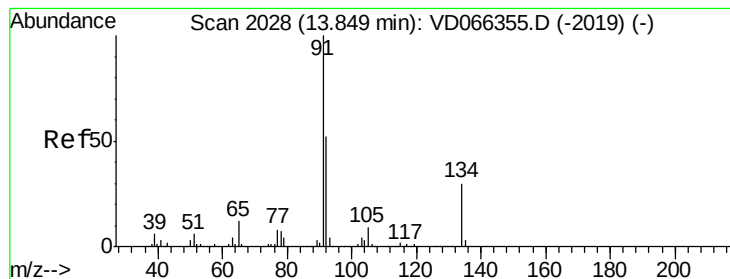
Tgt Ion:146 Resp: 74283
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.9 56.9
 148 65.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.169 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion:146 Resp: 75055
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.5
 148 65.6 32.1 96.3





#89

n-Butylbenzene

Concen: 18.763 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. -0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

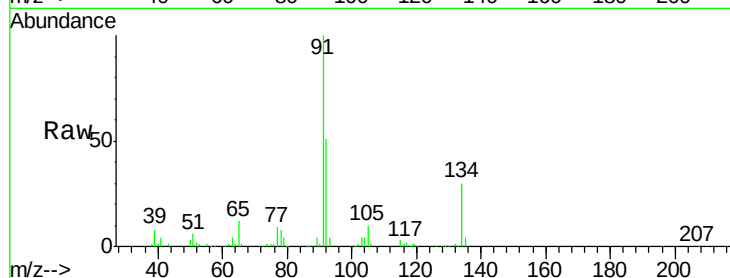
Tgt Ion: 91 Resp: 129116

Ion Ratio Lower Upper

91 100

92 51.0 26.4 79.0

134 29.0 14.4 43.4

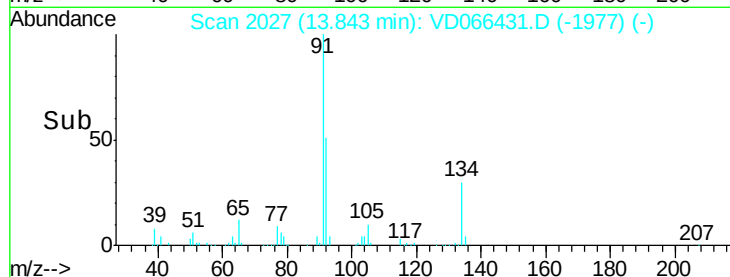


Abundance Ion 91.00 (90.70 to 91.70): VD066431.D (-2022) (-)

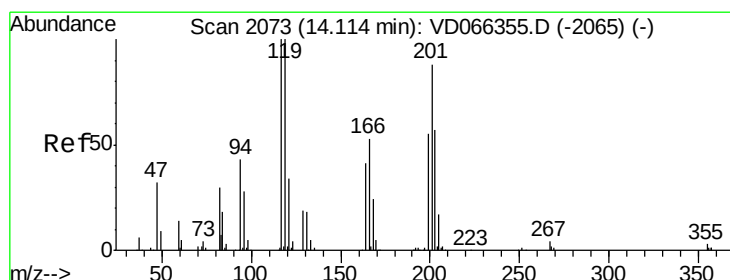
Ion 92.00 (91.70 to 92.70): VD066431.D (-2022) (-)

Ion 134.00 (133.70 to 134.70): VD066431.D (-2022) (-)

Time-->



Time-->



#90

Hexachloroethane

Concen: 17.927 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VD066431.D

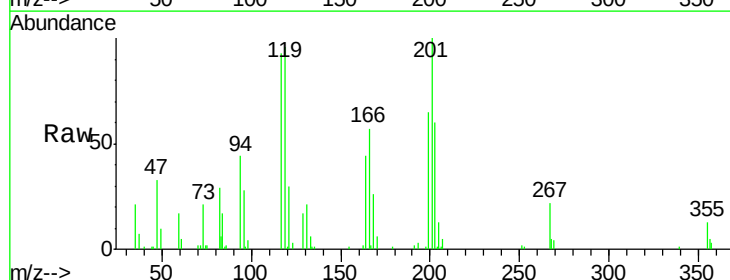
Acq: 27 Aug 2020 12:39

Tgt Ion: 117 Resp: 27616

Ion Ratio Lower Upper

117 100

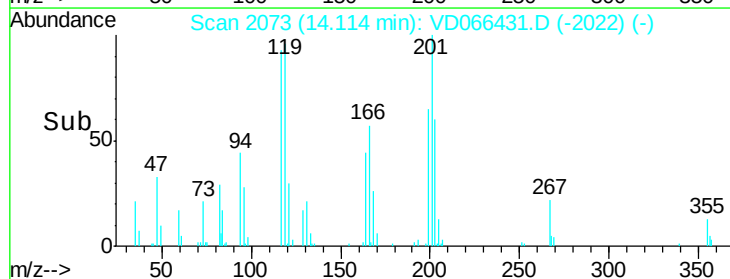
201 97.2 45.4 136.2



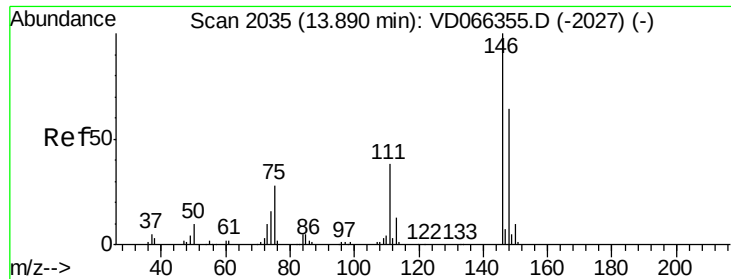
Abundance Ion 116.80 (116.50 to 117.50): VD066431.D (-2022) (-)

Ion 200.70 (200.40 to 201.40): VD066431.D (-2022) (-)

Time-->



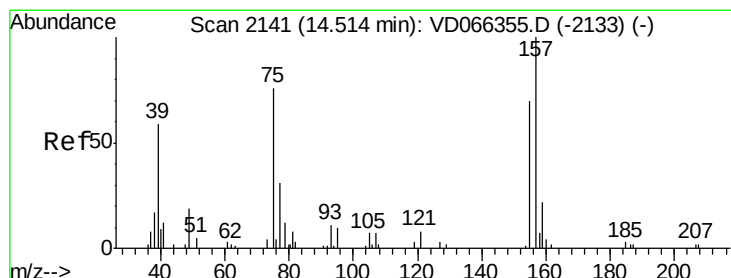
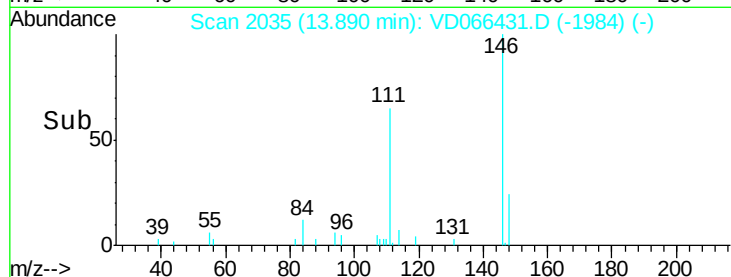
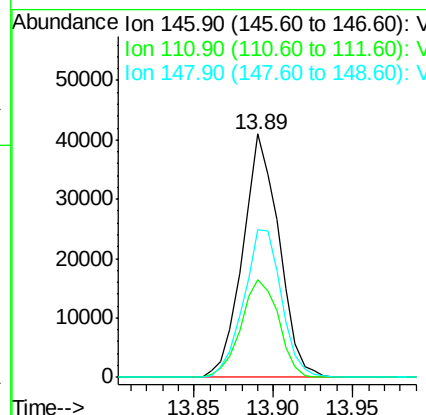
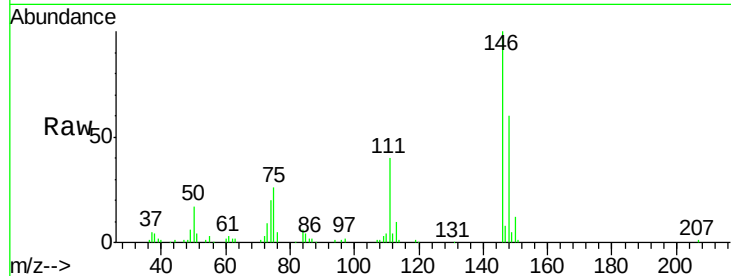
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 19.348 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

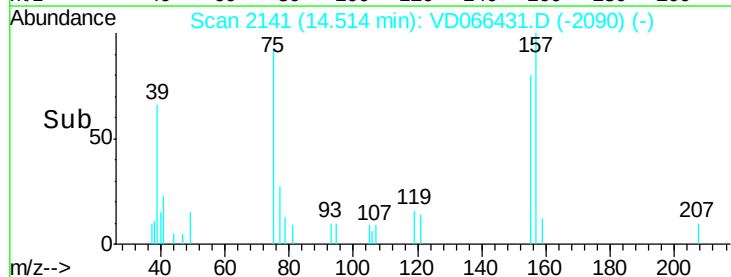
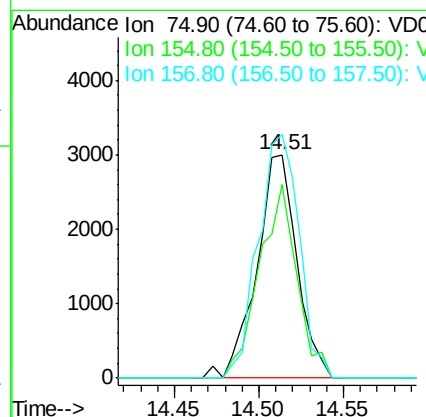
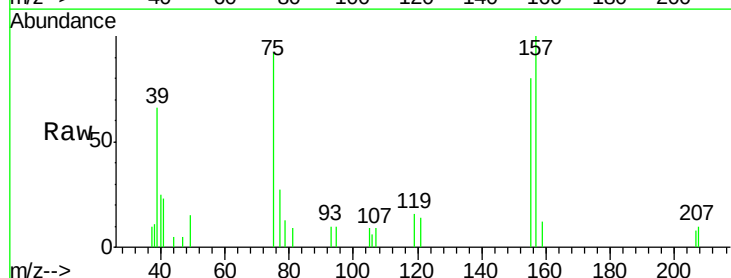
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

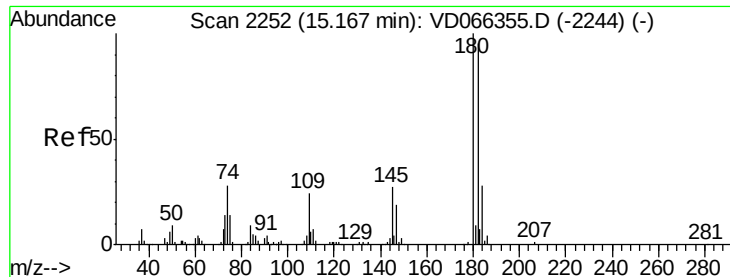
Tgt Ion:146 Resp: 64951
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.9 59.7
 148 63.3 32.6 97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.134 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion: 75 Resp: 4965
 Ion Ratio Lower Upper
 75 100
 155 81.1 46.9 140.6
 157 110.5 61.0 183.0

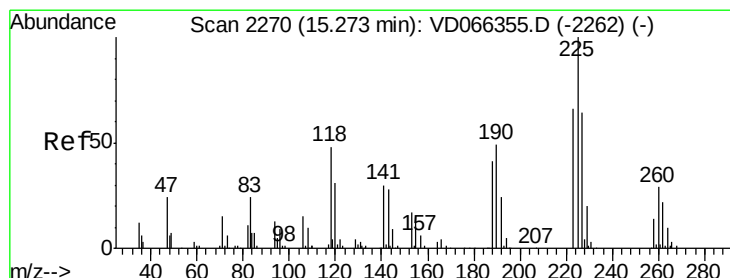
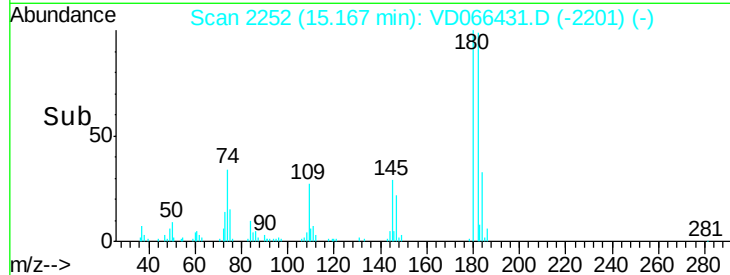
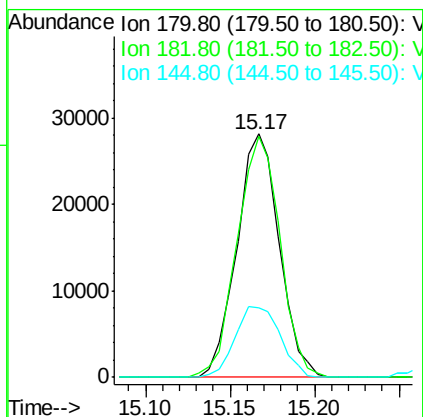
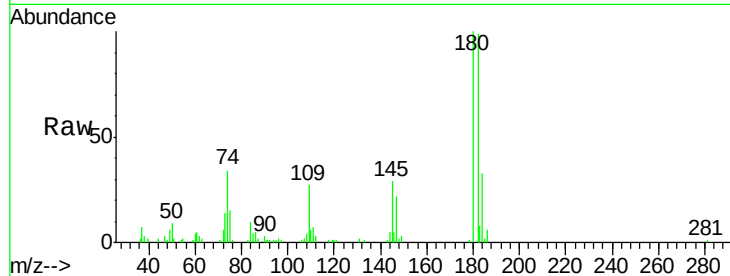




#93
 1,2,4-Trichlorobenzene
 Concen: 18.796 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

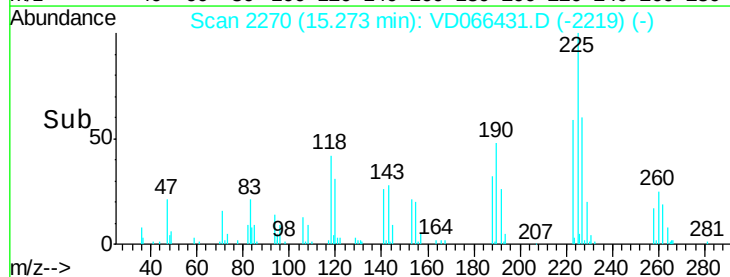
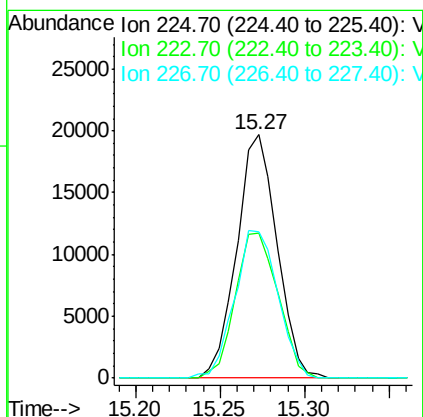
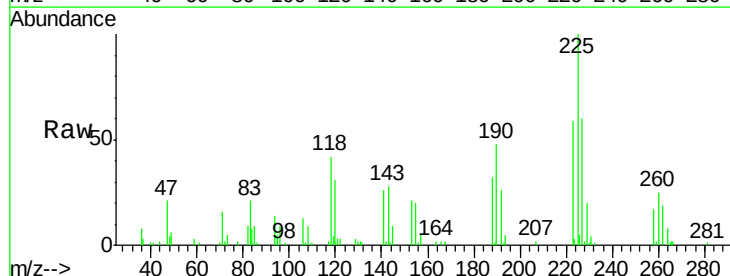
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

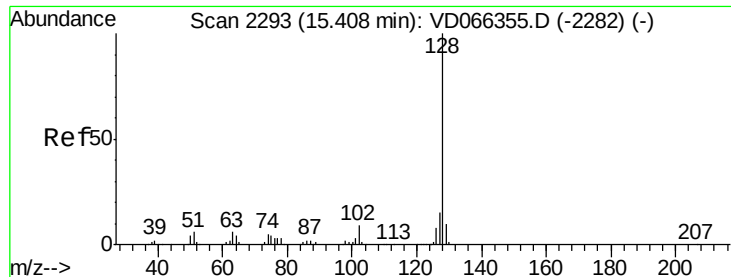
Tgt Ion:180 Resp: 49259
 Ion Ratio Lower Upper
 180 100
 182 100.1 48.0 144.0
 145 31.0 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 20.081 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066431.D
 Acq: 27 Aug 2020 12:39

Tgt Ion:225 Resp: 32705
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.5 97.4
 227 65.3 33.0 98.9





#95

Naphthalene

Concen: 19.124 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

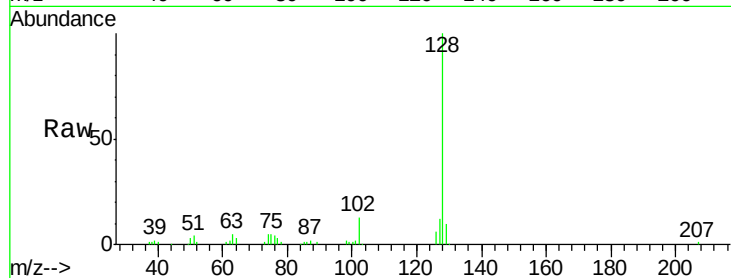
Tgt Ion:128 Resp: 78720

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

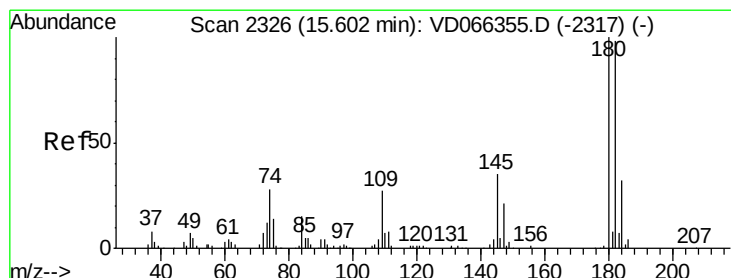
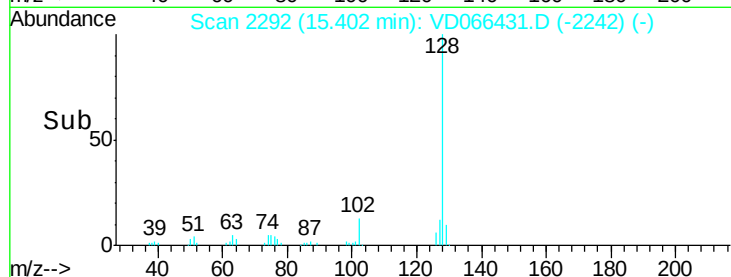
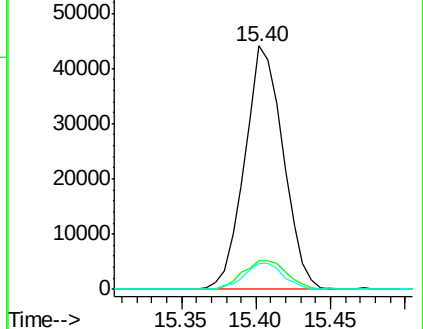
129 10.6 8.6 12.8



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: 19.555 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066431.D

Acq: 27 Aug 2020 12:39

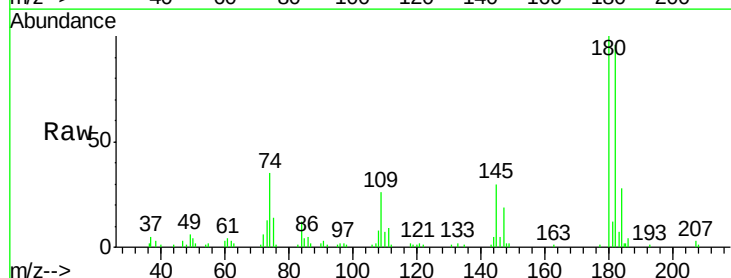
Tgt Ion:180 Resp: 43903

Ion Ratio Lower Upper

180 100

182 91.0 46.7 140.0

145 32.4 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

