

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
 Data File : VD066432.D
 Acq On : 27 Aug 2020 13:06
 Operator : VA/SY
 Sample : VD0827SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

Quant Time: Aug 27 18:00:49 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	171731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	243540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	221474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	120534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	100307	59.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.16%	
35) Dibromofluoromethane	7.91	113	80096	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	10.33	98	294103	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.63	95	108252	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	30682	21.015	ug/l	90
3) Chloromethane	2.21	50	18100	17.490	ug/l	97
4) Vinyl Chloride	2.35	62	21512	19.361	ug/l	95
5) Bromomethane	2.76	94	17344	20.869	ug/l	98
6) Chloroethane	2.91	64	14389	20.224	ug/l	96
7) Trichlorofluoromethane	3.27	101	66240	21.923	ug/l	96
8) Diethyl Ether	3.70	74	13472	19.900	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.09	101	29270	19.630	ug/l	96
10) Methyl Iodide	4.30	142	27112	15.942	ug/l	96
11) Tert butyl alcohol	5.19	59	19684	194.147	ug/l #	71
12) 1,1-Dichloroethene	4.07	96	27525	19.665	ug/l	92
13) Acrolein	3.92	56	5161	69.030	ug/l	92
14) Allyl chloride	4.72	41	32361	17.322	ug/l	87
15) Acrylonitrile	5.41	53	25126	92.506	ug/l	96
16) Acetone	4.15	43	31001	102.134	ug/l	94
17) Carbon Disulfide	4.41	76	73373	17.298	ug/l	99
18) Methyl Acetate	4.72	43	9893	17.366	ug/l #	81
19) Methyl tert-butyl Ether	5.48	73	70224	20.836	ug/l	100
20) Methylene Chloride	4.96	84	35563	17.854	ug/l #	87
21) trans-1,2-Dichloroethene	5.46	96	30293	18.593	ug/l	96
22) Diisopropyl ether	6.36	45	64671	17.879	ug/l	94
23) Vinyl Acetate	6.30	43	207275	92.567	ug/l	95
24) 1,1-Dichloroethane	6.26	63	46403	18.154	ug/l	96
25) 2-Butanone	7.21	43	32589	94.574	ug/l #	87
26) 2,2-Dichloropropane	7.20	77	58927	21.509	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	33225	19.032	ug/l	96
28) Bromochloromethane	7.54	49	14336	16.282	ug/l	87
29) Tetrahydrofuran	7.56	42	17416	88.984	ug/l	92
30) Chloroform	7.70	83	61008	20.629	ug/l	97
31) Cyclohexane	7.98	56	40949	17.516	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	64781	21.403	ug/l	98
36) 1,1-Dichloropropene	8.11	75	42283	19.028	ug/l	98
37) Ethyl Acetate	7.29	43	13236	17.513	ug/l #	93
38) Carbon Tetrachloride	8.09	117	62346	21.535	ug/l	95

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 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VD0827SBS01

Quant Time: Aug 27 18:00:49 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	9.36	83	47134	18.006	ug/l	90
40) Benzene	8.34	78	110980	18.985	ug/l	96
41) Methacrylonitrile	7.52	41	6507	13.961	ug/l #	71
42) 1,2-Dichloroethane	8.42	62	46322	22.499	ug/l	98
43) Isopropyl Acetate	8.44	43	28410	18.728	ug/l	93
44) Trichloroethene	9.11	130	37372	19.675	ug/l	90
45) 1,2-Dichloropropane	9.38	63	22742	17.160	ug/l #	87
46) Dibromomethane	9.47	93	17124	20.753	ug/l	96
47) Bromodichloromethane	9.66	83	48797	21.504	ug/l #	97
48) Methyl methacrylate	9.46	41	14875	19.016	ug/l	89
49) 1,4-Dioxane	9.45	88	3402	355.071	ug/l	93
51) 4-Methyl-2-Pentanone	10.22	43	70434	95.979	ug/l	98
52) Toluene	10.40	92	80131	20.233	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	44295	20.572	ug/l #	87
54) cis-1,3-Dichloropropene	10.08	75	48605	20.111	ug/l	91
55) 1,1,2-Trichloroethane	10.80	97	22342	20.001	ug/l #	91
56) Ethyl methacrylate	10.66	69	25666	19.848	ug/l	95
57) 1,3-Dichloropropane	10.94	76	36666	19.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	54795	102.026	ug/l	96
59) 2-Hexanone	10.98	43	48707	94.096	ug/l	97
60) Dibromochloromethane	11.14	129	35308	20.970	ug/l	100
61) 1,2-Dibromoethane	11.24	107	22178	20.175	ug/l	98
64) Tetrachloroethene	10.87	164	33657	20.033	ug/l	93
65) Chlorobenzene	11.67	112	91619	20.793	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	37201	20.659	ug/l	100
67) Ethyl Benzene	11.74	91	160255	20.662	ug/l	94
68) m/p-Xylenes	11.85	106	124154	41.997	ug/l	99
69) o-Xylene	12.18	106	56344	20.487	ug/l	97
70) Styrene	12.20	104	100982	21.384	ug/l	97
71) Bromoform	12.36	173	21568	21.112	ug/l #	98
73) Isopropylbenzene	12.48	105	159757	19.785	ug/l	99
74) N-amyl acetate	12.29	43	26540	18.199	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	21743	18.850	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	33767	39.821	ug/l #	1
77) Bromobenzene	12.76	156	42962	20.963	ug/l	94
78) n-propylbenzene	12.82	91	181790	19.636	ug/l	97
79) 2-Chlorotoluene	12.91	91	105153	19.886	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	141920	20.357	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	7309	18.296	ug/l	87
82) 4-Chlorotoluene	13.01	91	113672	20.291	ug/l	99
83) tert-Butylbenzene	13.23	119	121825	20.118	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	143046	20.890	ug/l	98
85) sec-Butylbenzene	13.40	105	156666	19.746	ug/l	98
86) p-Isopropyltoluene	13.52	119	159303	20.823	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	79081	20.672	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	80531	20.965	ug/l	98
89) n-Butylbenzene	13.84	91	130209	19.288	ug/l	97
90) Hexachloroethane	14.12	117	29784	19.709	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	66791	20.281	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5125	21.184	ug/l	87

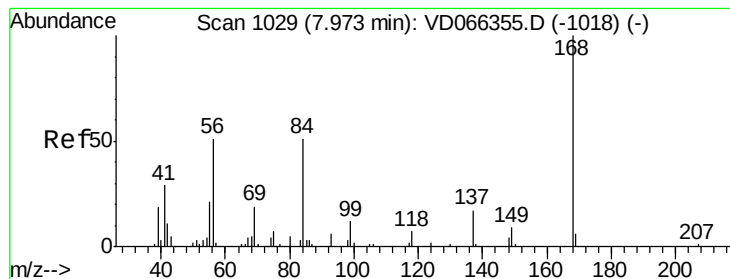
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
Data File : VD066432.D
Acq On : 27 Aug 2020 13:06
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Sample : VD0827SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0827SBSD01

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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	53746	20.904	ug/l	98
94) Hexachlorobutadiene	15.27	225	32906	20.595	ug/l	96
95) Naphthalene	15.41	128	82087	20.328	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	44851	20.364	ug/l	96

(#) = 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: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

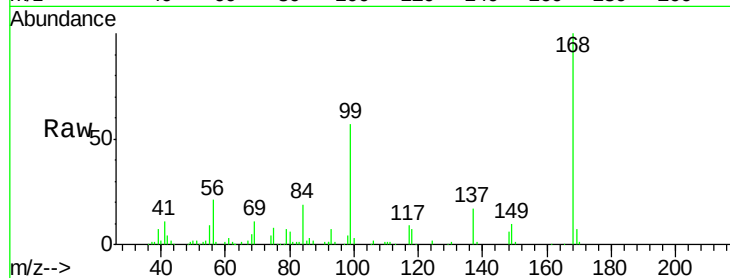
VD0827SBSD01

Tgt Ion:168 Resp: 171731

Ion Ratio Lower Upper

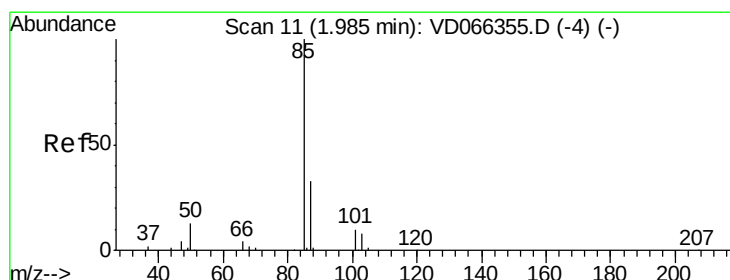
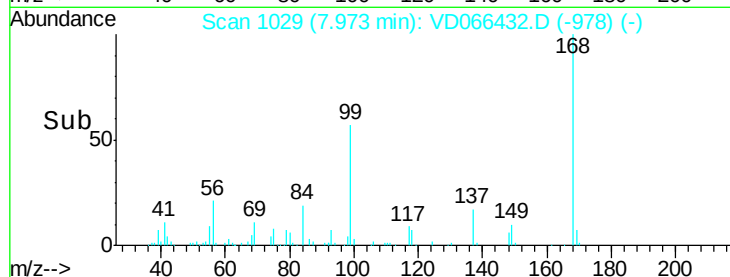
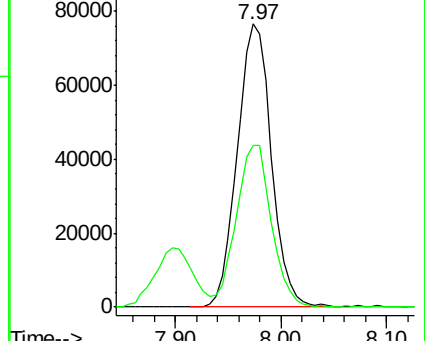
168 100

99 57.0 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: 21.015 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066432.D

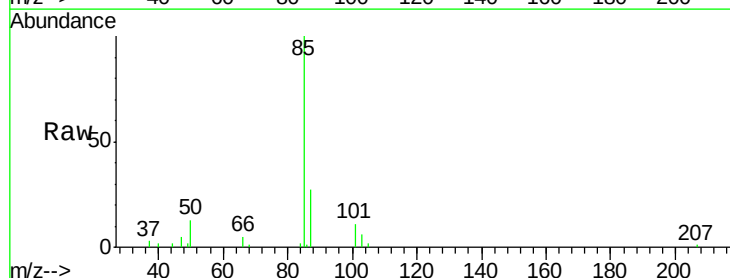
Acq: 27 Aug 2020 13:06

Tgt Ion: 85 Resp: 30682

Ion Ratio Lower Upper

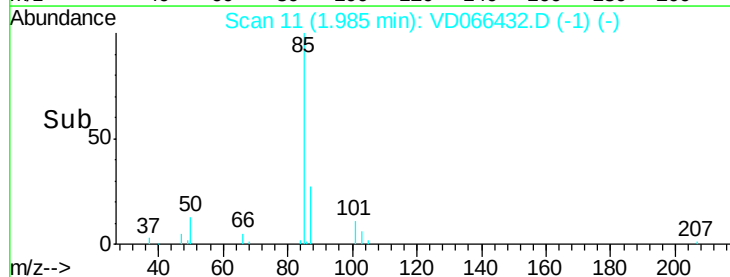
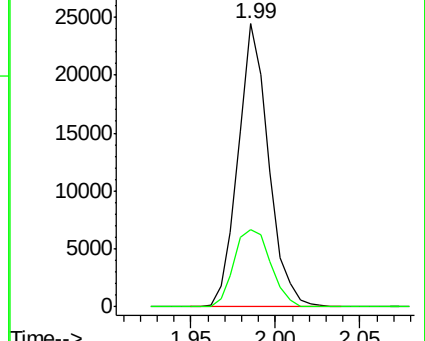
85 100

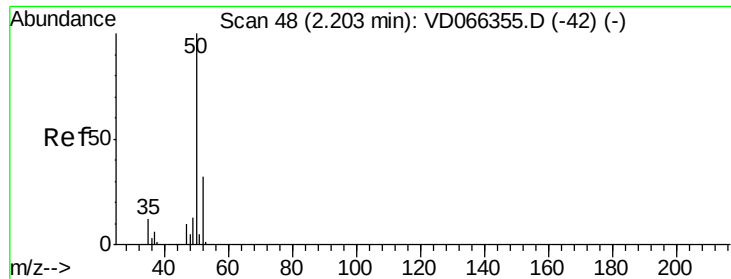
87 27.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.490 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

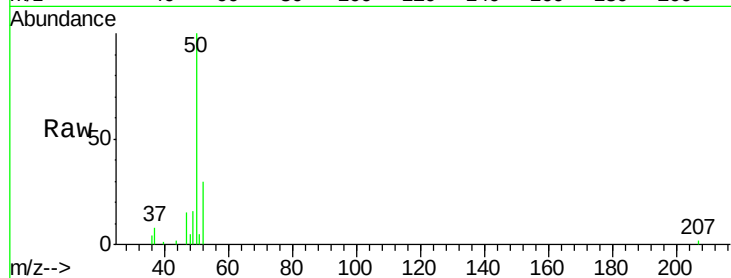
VD0827SBSD01

Tgt Ion: 50 Resp: 18100

Ion Ratio Lower Upper

50 100

52 30.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

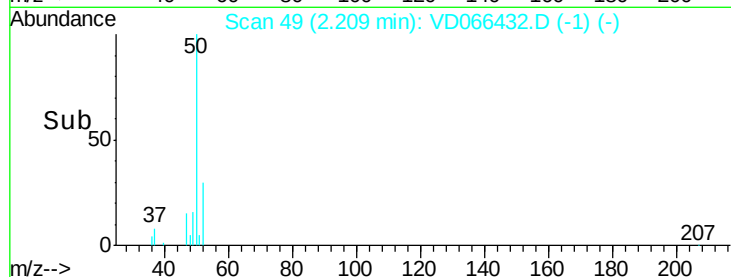
15000

10000

5000

0

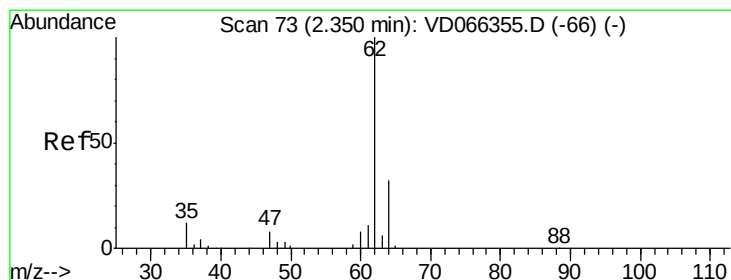
Time-->



2.21

2.20

2.25



#4

Vinyl Chloride

Concen: 19.361 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066432.D

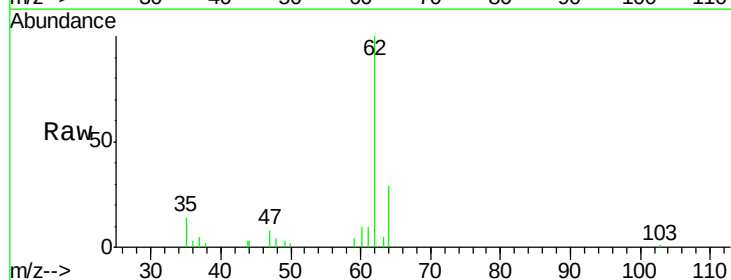
Acq: 27 Aug 2020 13:06

Tgt Ion: 62 Resp: 21512

Ion Ratio Lower Upper

62 100

64 29.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

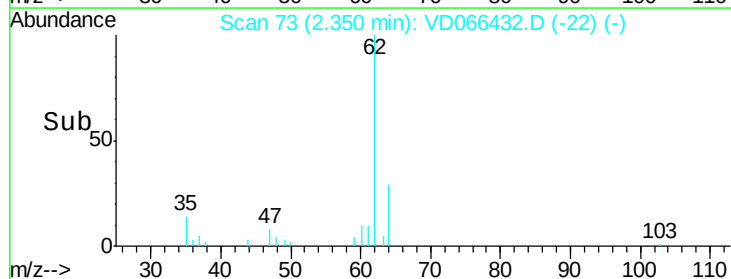
15000

10000

5000

0

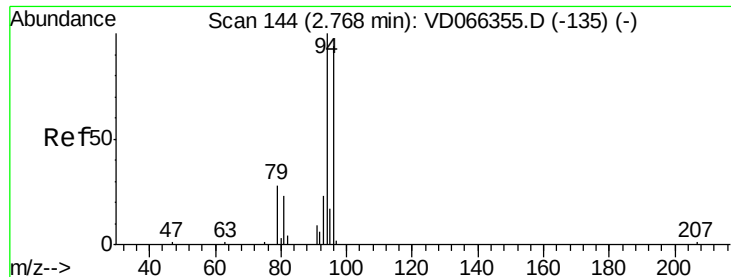
Time-->



2.35

2.30

2.40



#5

Bromomethane

Concen: 20.869 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

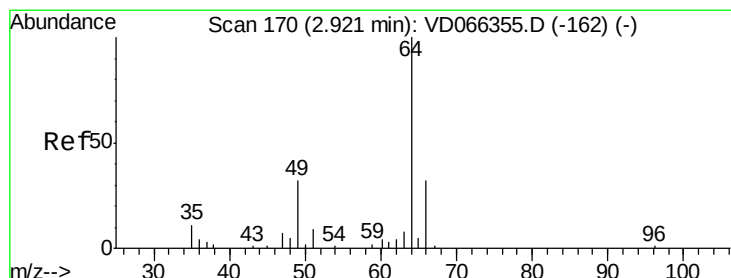
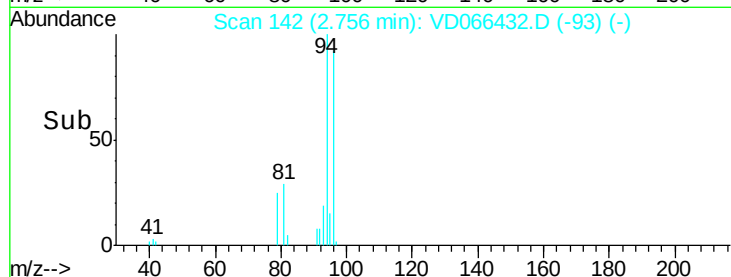
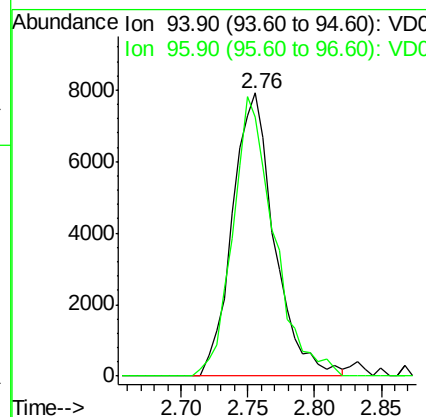
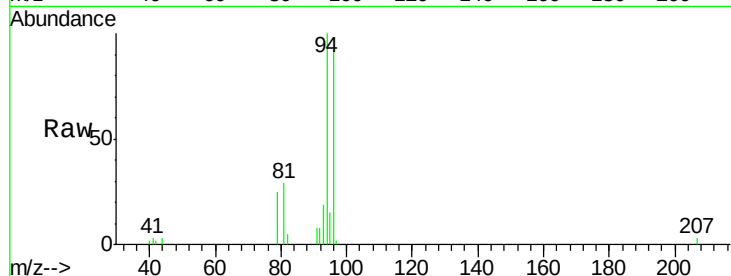
VD0827SBS01

Tgt Ion: 94 Resp: 17344

Ion Ratio Lower Upper

94 100

96 91.7 75.0 112.4



#6

Chloroethane

Concen: 20.224 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066432.D

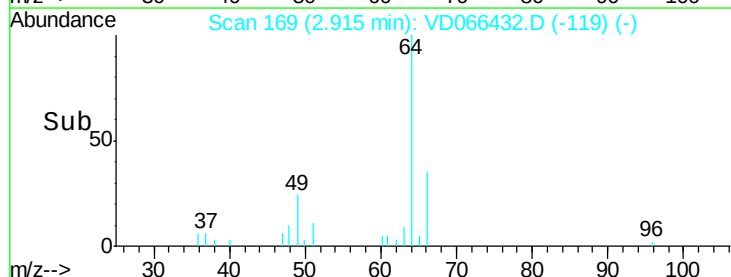
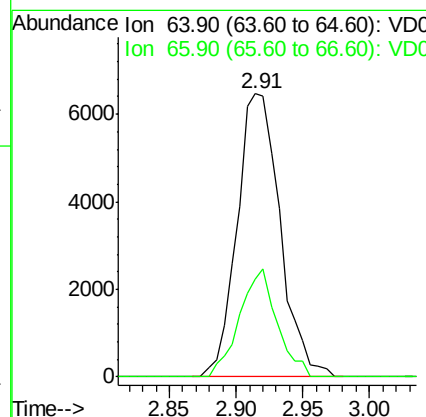
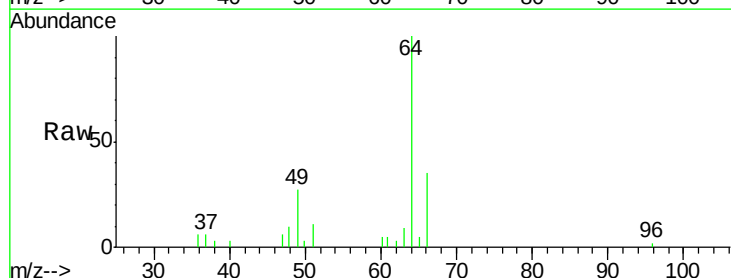
Acq: 27 Aug 2020 13:06

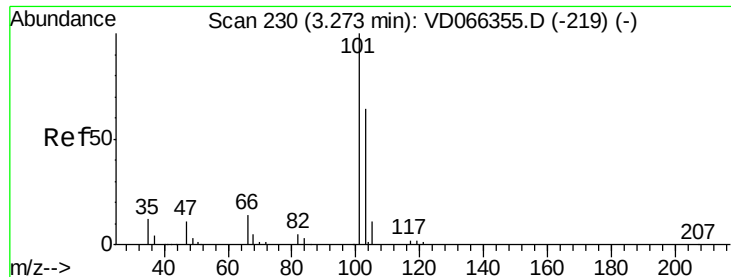
Tgt Ion: 64 Resp: 14389

Ion Ratio Lower Upper

64 100

66 34.7 25.9 38.9





#7

Trichlorofluoromethane

Concen: 21.923 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

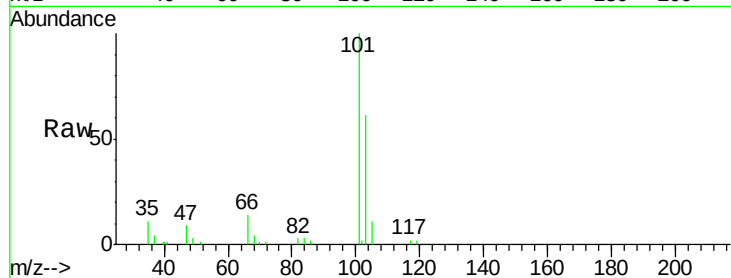
VD0827SBS01

Tgt Ion:101 Resp: 66240

Ion Ratio Lower Upper

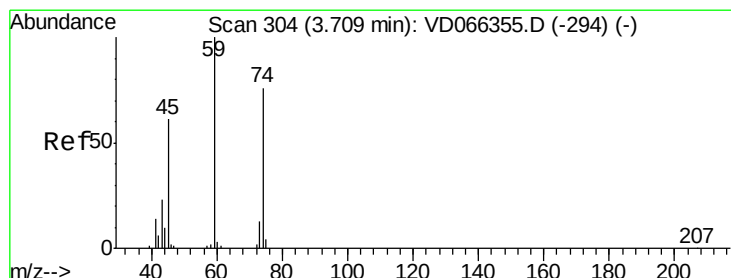
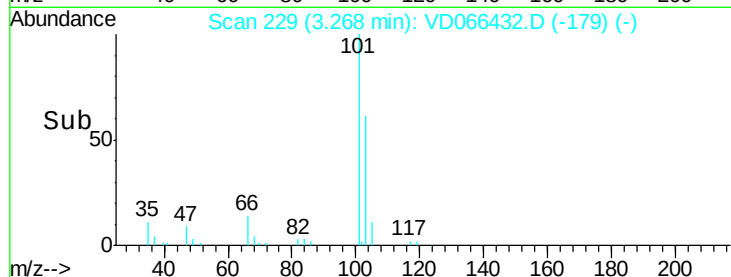
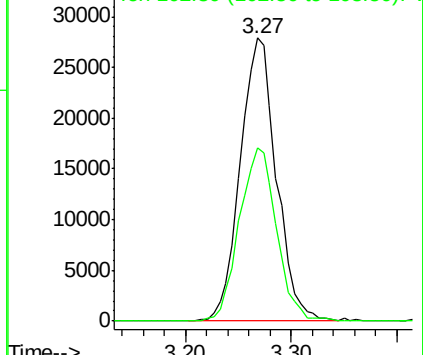
101 100

103 61.1 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.900 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD066432.D

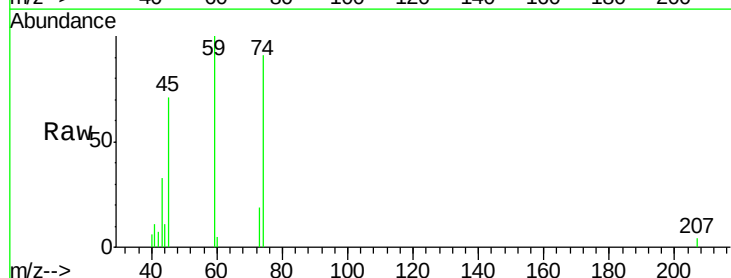
Acq: 27 Aug 2020 13:06

Tgt Ion: 74 Resp: 13472

Ion Ratio Lower Upper

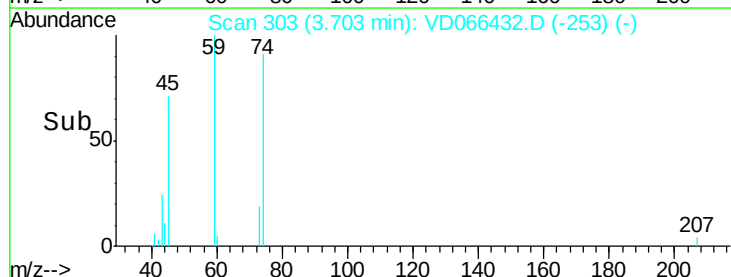
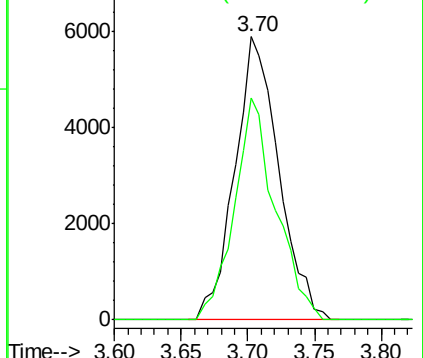
74 100

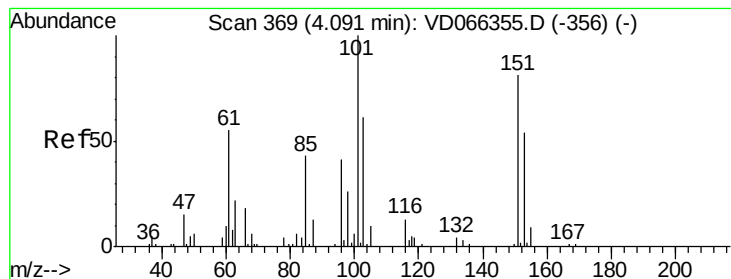
45 73.8 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.630 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

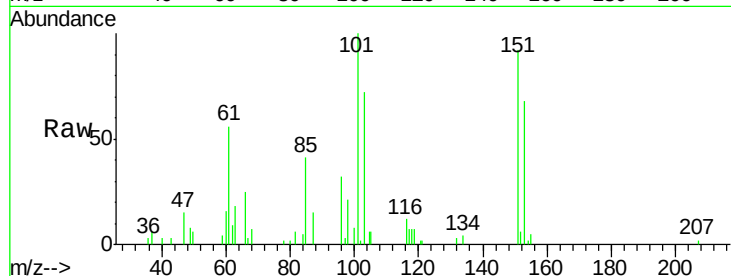
Tgt Ion:101 Resp: 29270

Ion Ratio Lower Upper

101 100

85 44.7 36.4 54.6

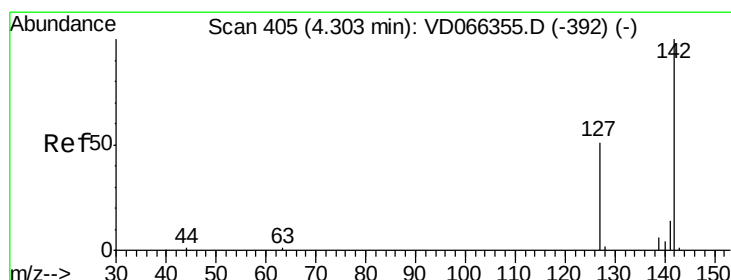
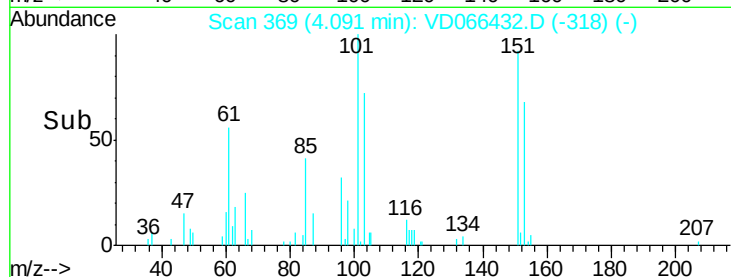
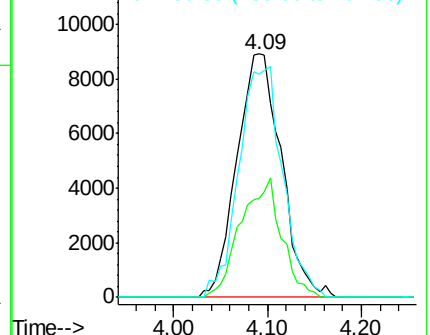
151 93.0 70.5 105.7



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: 15.942 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

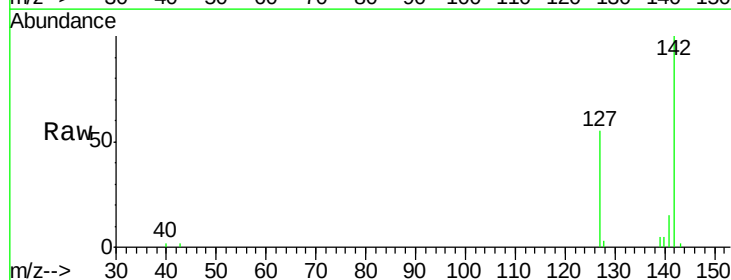
Tgt Ion:142 Resp: 27112

Ion Ratio Lower Upper

142 100

127 54.9 41.8 62.8

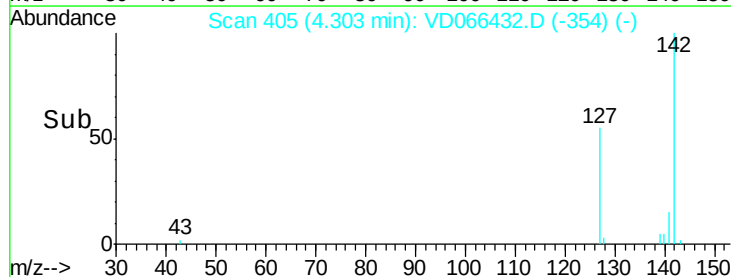
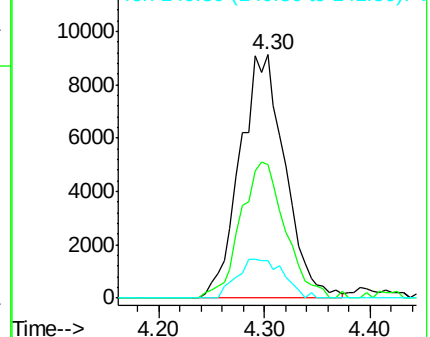
141 16.3 11.8 17.6

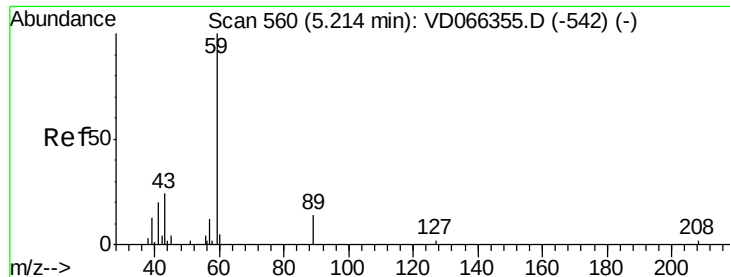


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



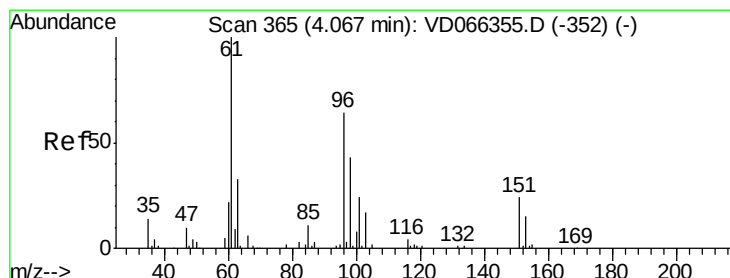
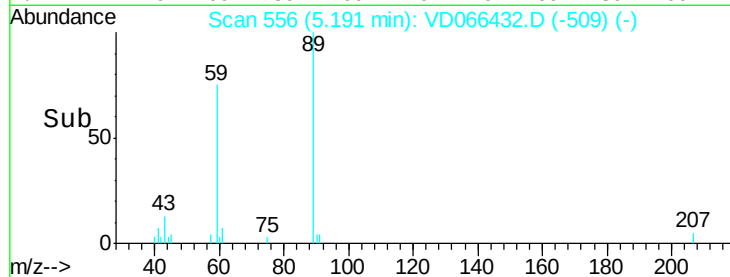
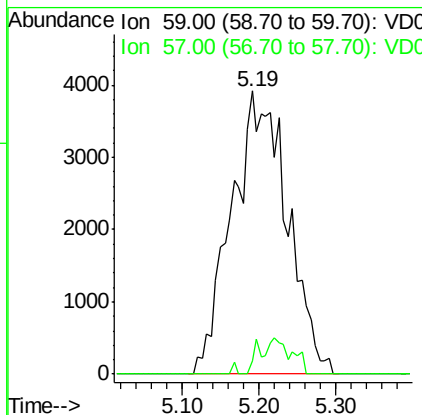
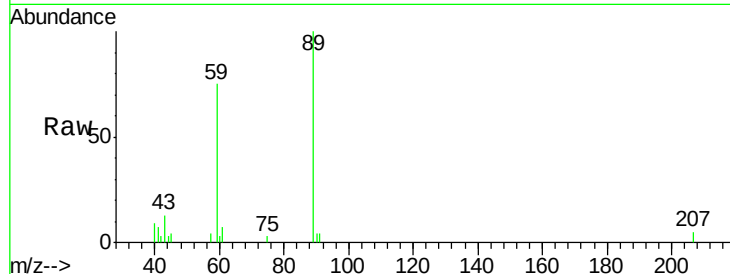


#11

Tert butyl alcohol
 Concen: 194.147 ug/l
 RT: 5.19 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBSD01

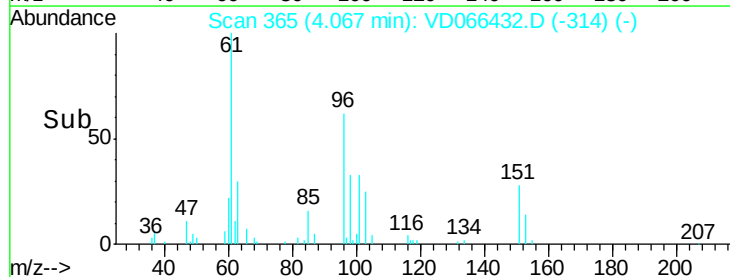
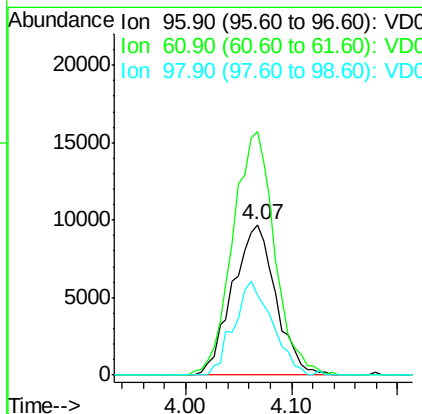
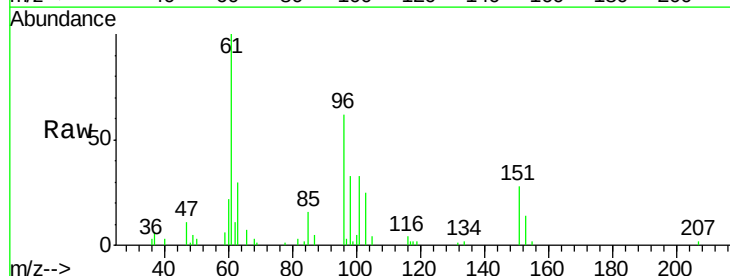
Tgt Ion: 59 Resp: 19684
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

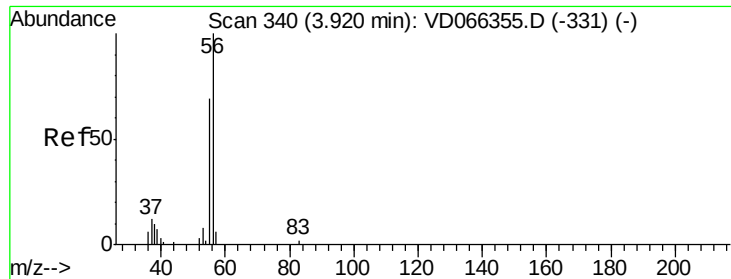


#12

1,1-Dichloroethene
 Concen: 19.665 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Tgt Ion: 96 Resp: 27525
 Ion Ratio Lower Upper
 96 100
 61 161.7 124.3 186.5
 98 53.2 53.2 79.8





#13

Acrolein

Concen: 69.030 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

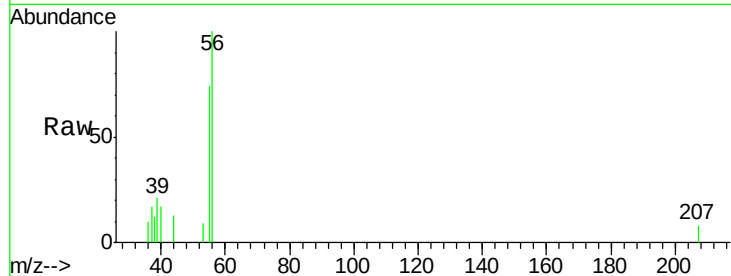
VD0827SBSD01

Tgt Ion: 56 Resp: 5161

Ion Ratio Lower Upper

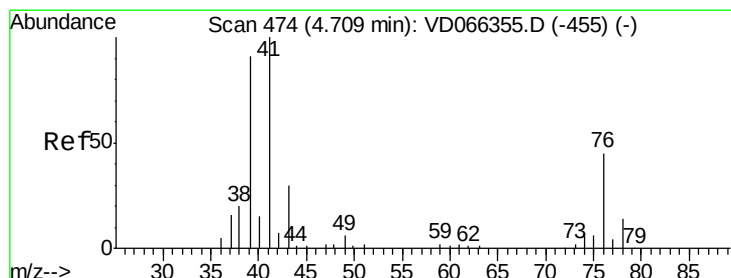
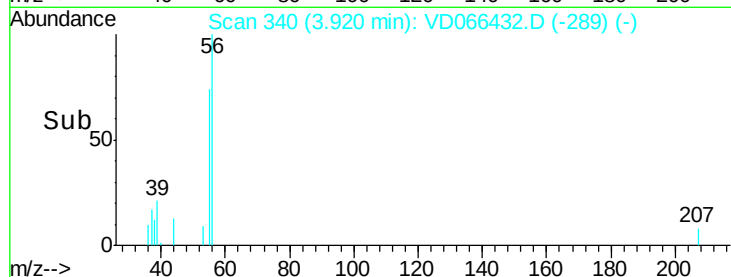
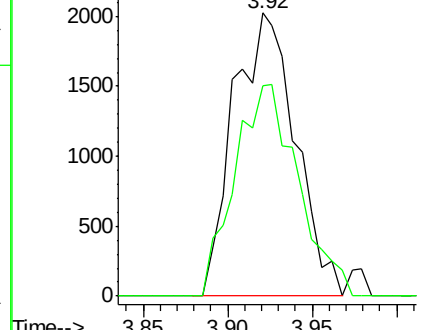
56 100

55 76.2 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 17.322 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

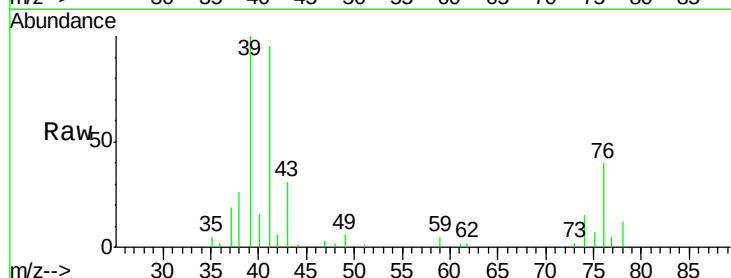
Tgt Ion: 41 Resp: 32361

Ion Ratio Lower Upper

41 100

39 108.1 72.8 109.2

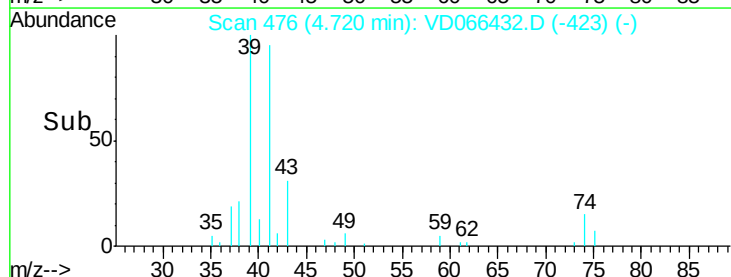
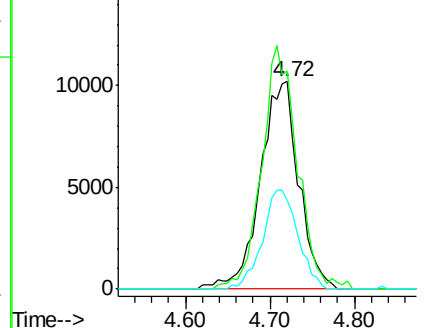
76 43.7 34.0 51.0

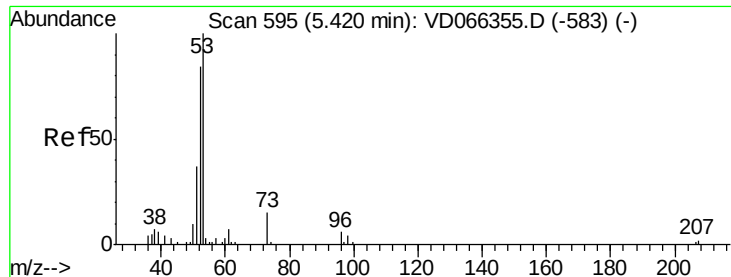


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 92.506 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBSD01

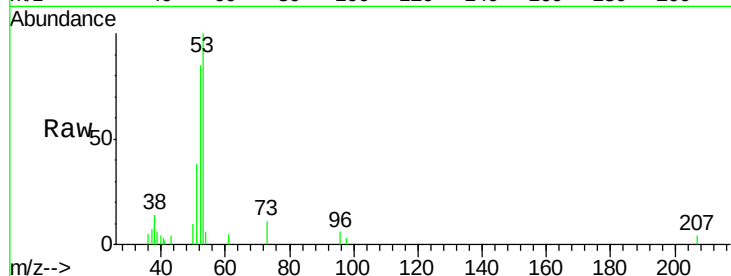
Tgt Ion: 53 Resp: 25126

Ion Ratio Lower Upper

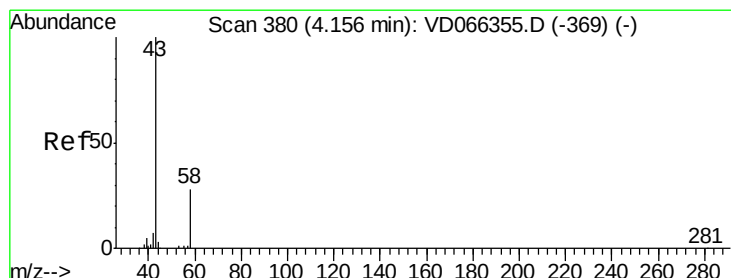
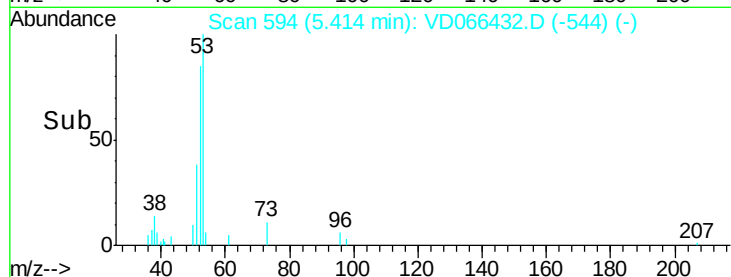
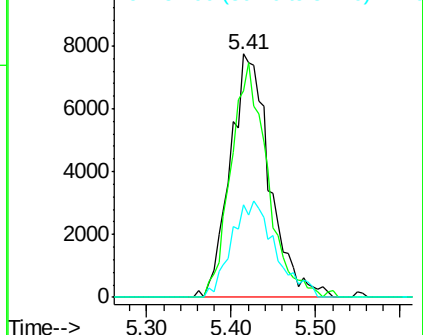
53 100

52 88.8 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: 102.134 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066432.D

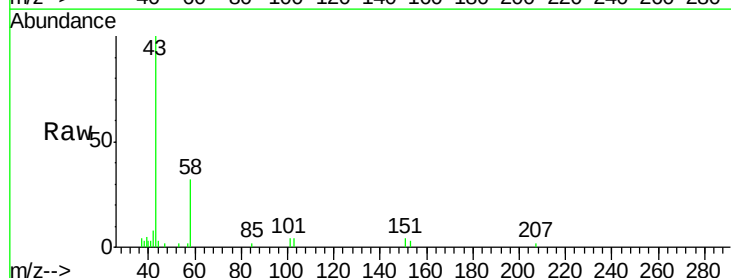
Acq: 27 Aug 2020 13:06

Tgt Ion: 43 Resp: 31001

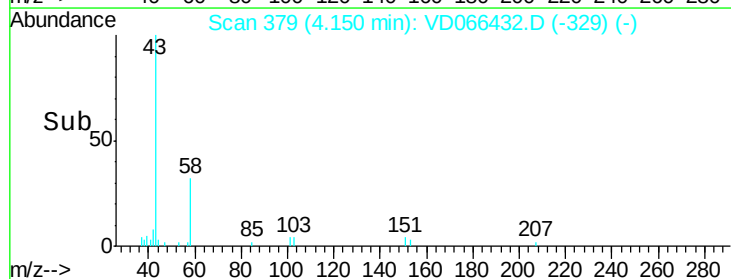
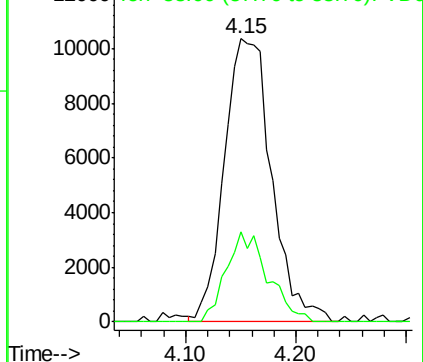
Ion Ratio Lower Upper

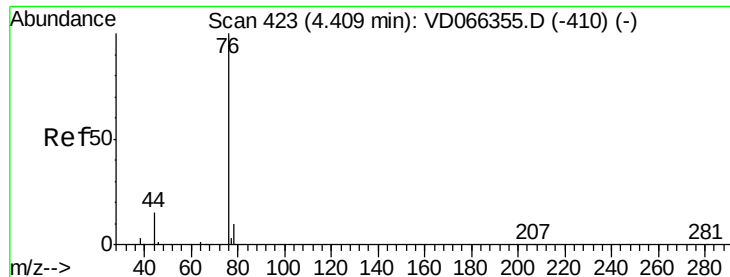
43 100

58 31.6 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: 17.298 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

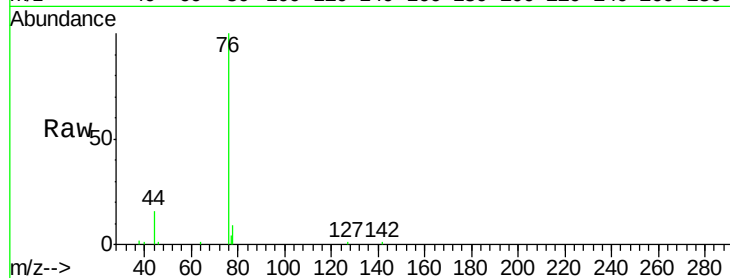
VD0827SBSD01

Tgt Ion: 76 Resp: 73373

Ion Ratio Lower Upper

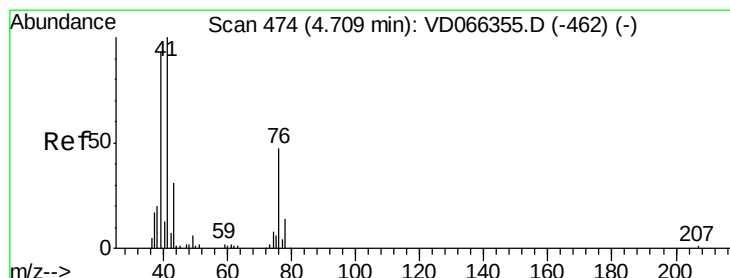
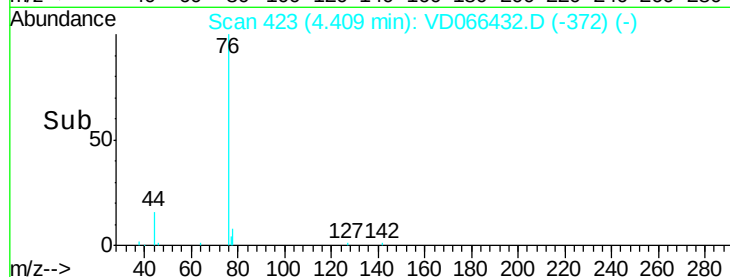
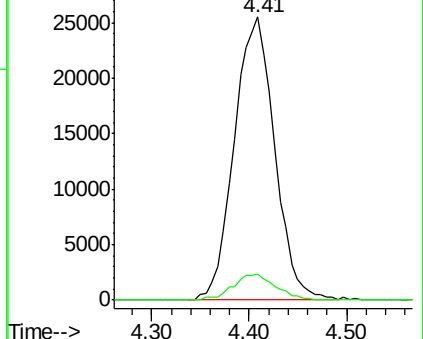
76 100

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: 17.366 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066432.D

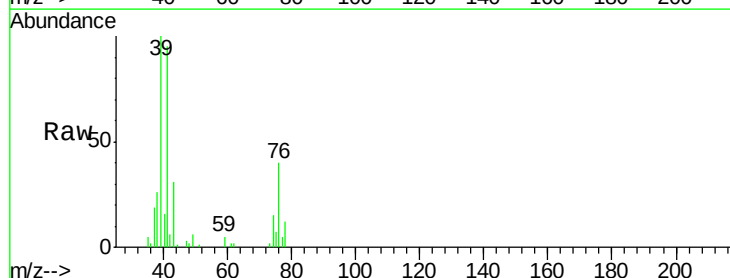
Acq: 27 Aug 2020 13:06

Tgt Ion: 43 Resp: 9893

Ion Ratio Lower Upper

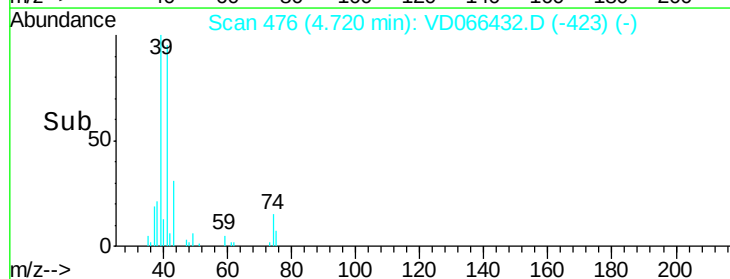
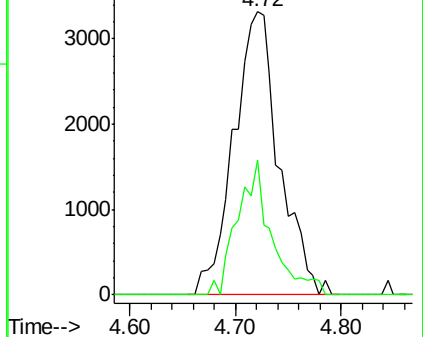
43 100

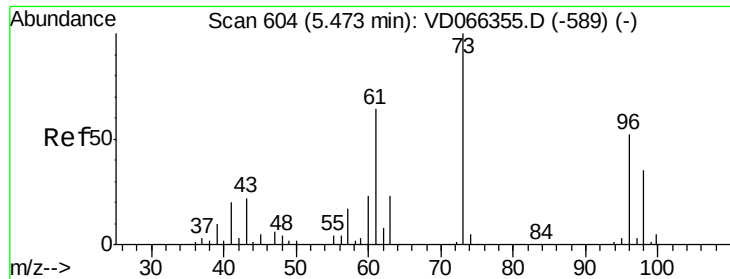
74 35.8 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

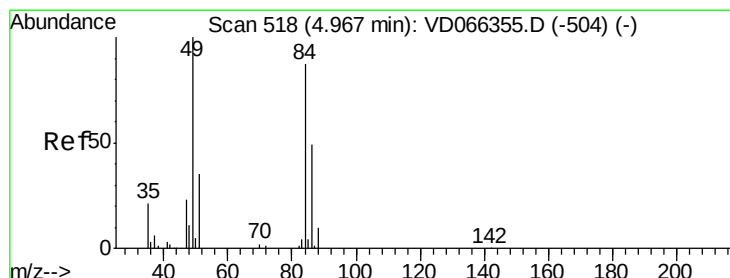
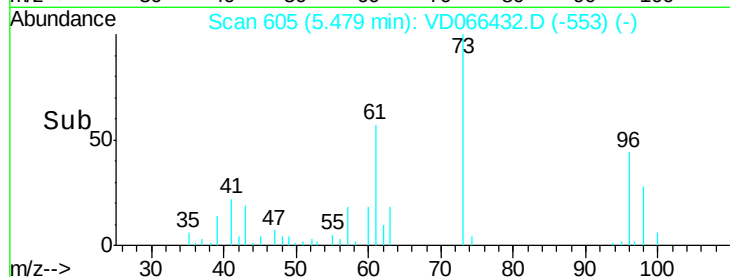
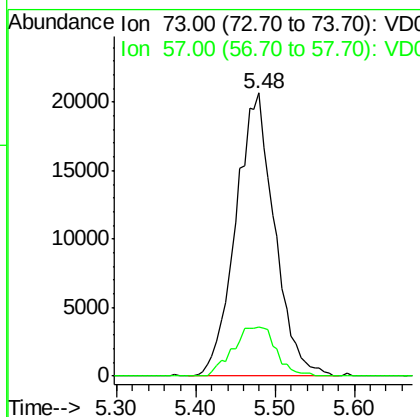
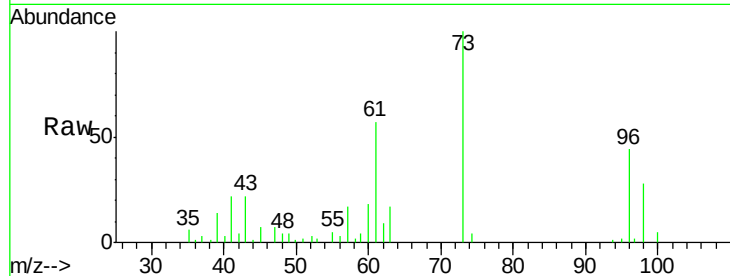




#19
Methyl tert-butyl Ether
Concen: 20.836 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

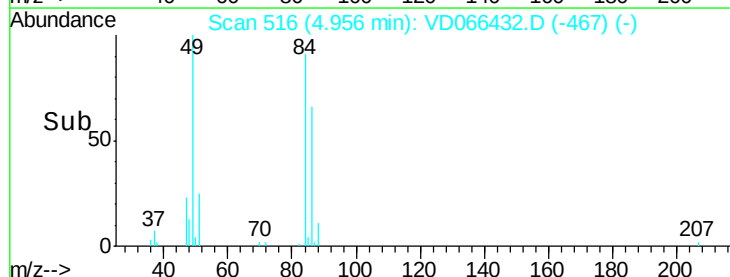
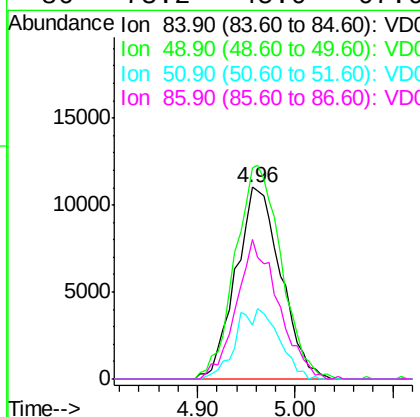
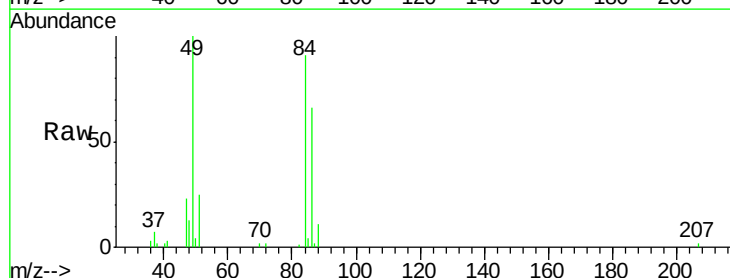
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

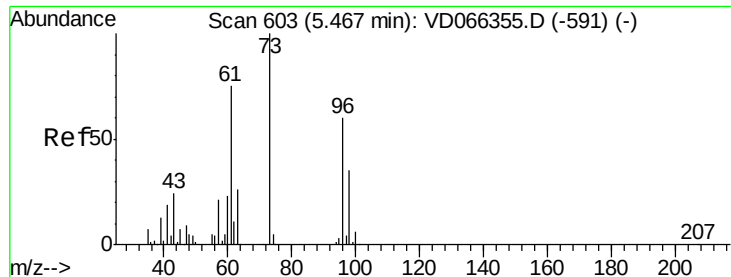
Tgt Ion: 73 Resp: 70224
Ion Ratio Lower Upper
73 100
57 17.3 13.8 20.6



#20
Methylene Chloride
Concen: 17.854 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

Tgt Ion: 84 Resp: 35563
Ion Ratio Lower Upper
84 100
49 110.1 92.5 138.7
51 27.8 32.5 48.7#
86 73.2 45.0 67.6#





#21

trans-1,2-Dichloroethene

Concen: 18.593 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBSD01

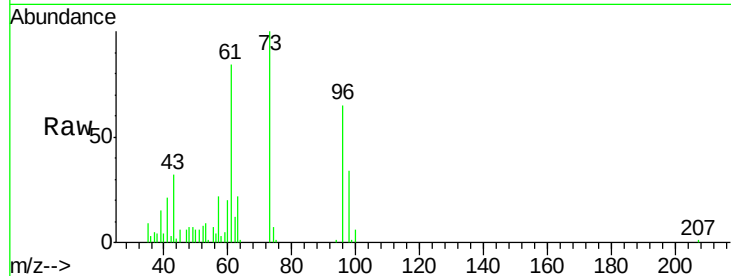
Tgt Ion: 96 Resp: 30293

Ion Ratio Lower Upper

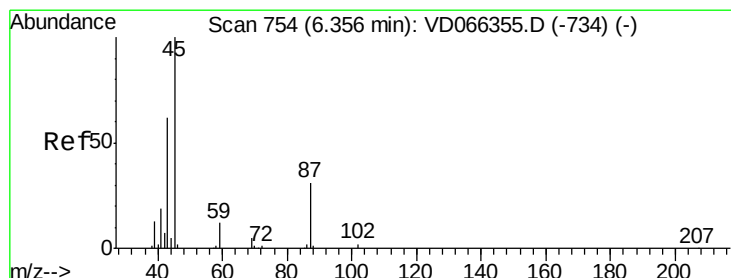
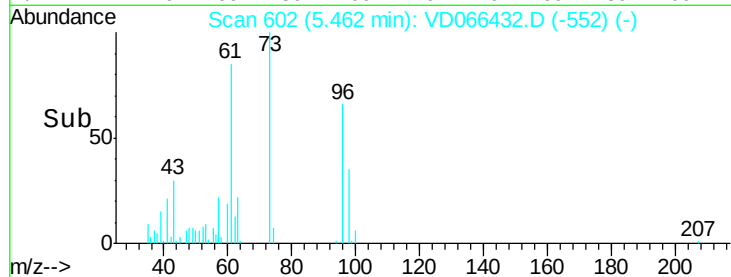
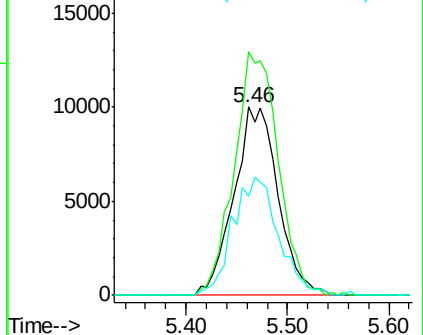
96 100

61 129.2 101.1 151.7

98 52.3 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: 17.879 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Tgt Ion: 45 Resp: 64671

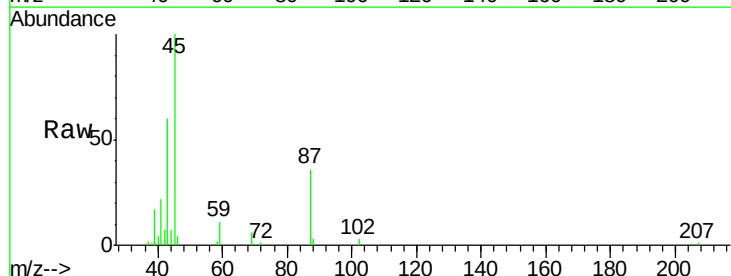
Ion Ratio Lower Upper

45 100

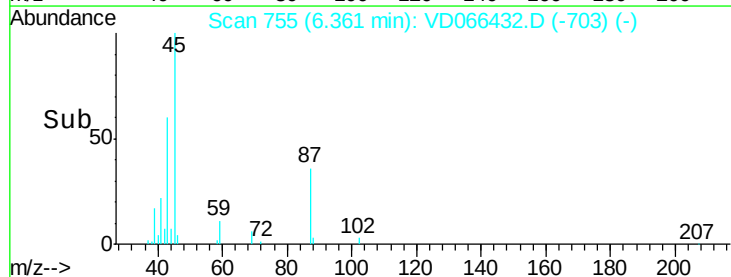
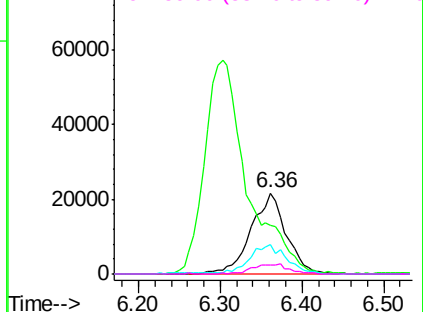
43 58.0 49.8 74.8

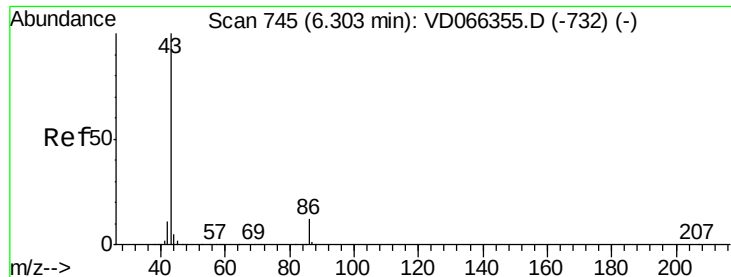
87 35.7 25.0 37.6

59 11.2 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: 92.567 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

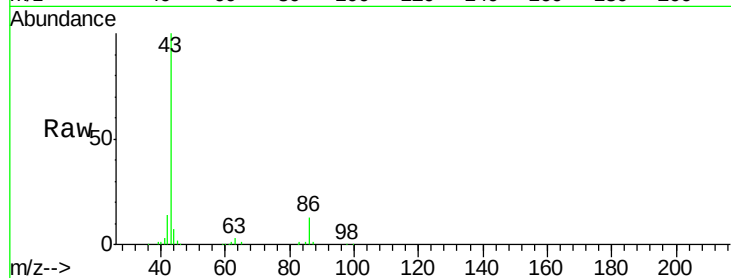
VD0827SBSD01

Tgt Ion: 43 Resp: 207275

Ion Ratio Lower Upper

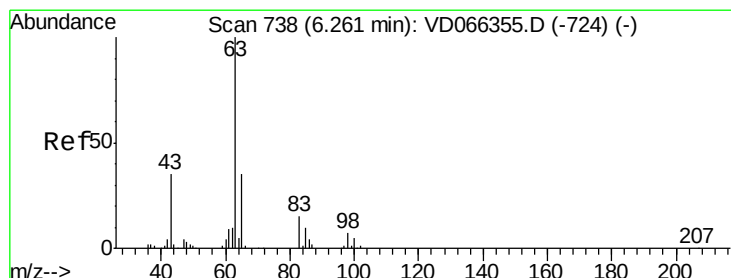
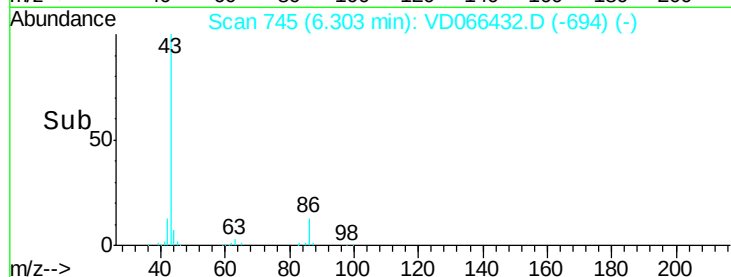
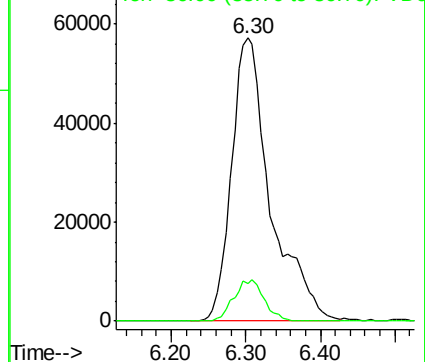
43 100

86 13.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 18.154 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

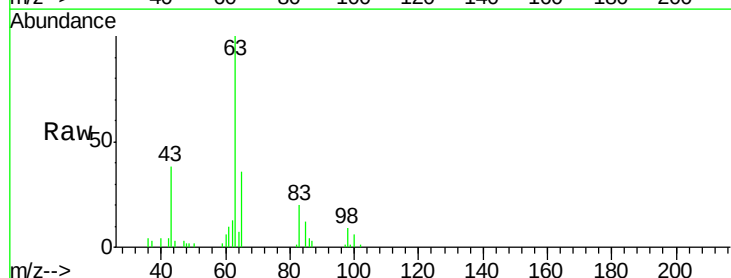
Tgt Ion: 63 Resp: 46403

Ion Ratio Lower Upper

63 100

98 8.9 3.5 10.6

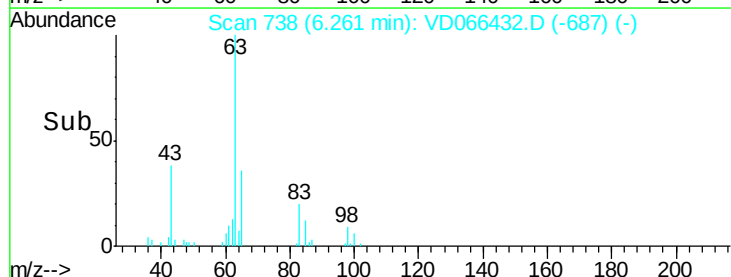
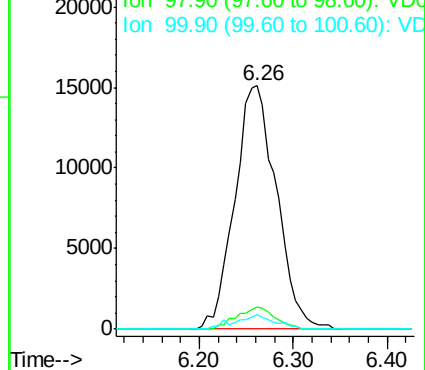
100 6.2 2.5 7.6

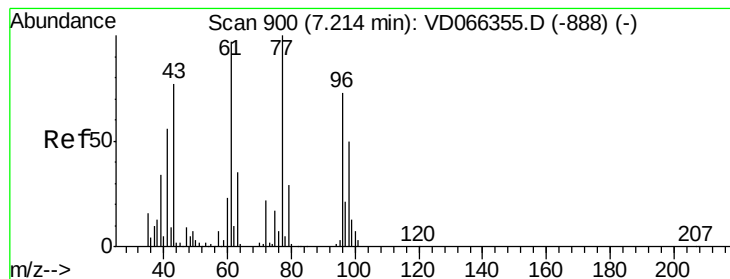


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 94.574 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

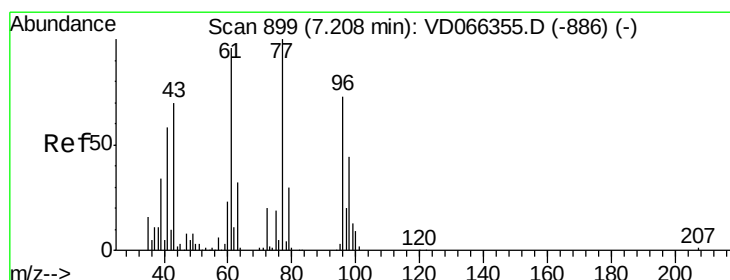
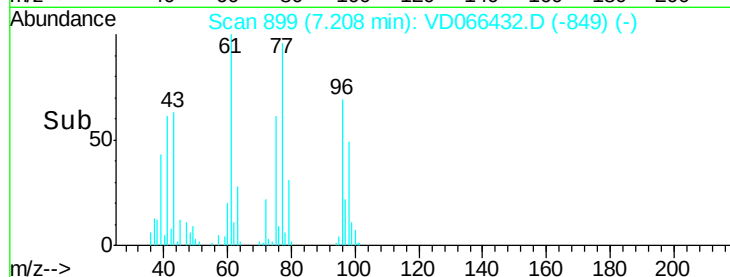
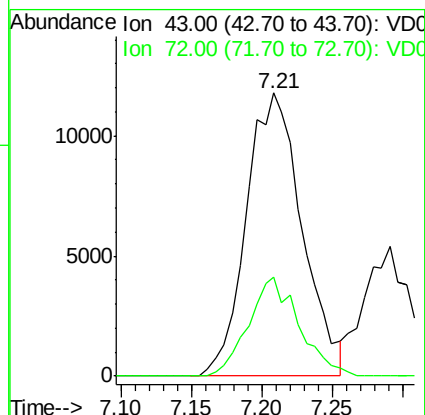
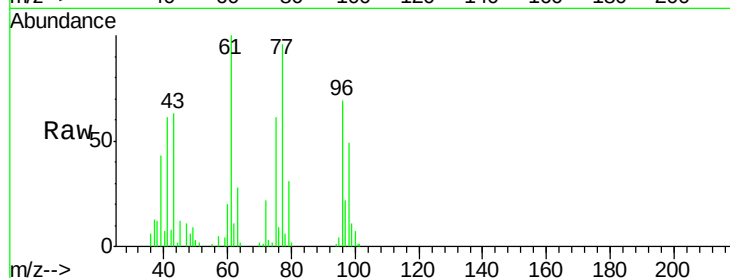
VD0827SBSD01

Tgt Ion: 43 Resp: 32589

Ion Ratio Lower Upper

43 100

72 35.2 22.5 33.7#



#26

2,2-Dichloropropane

Concen: 21.509 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066432.D

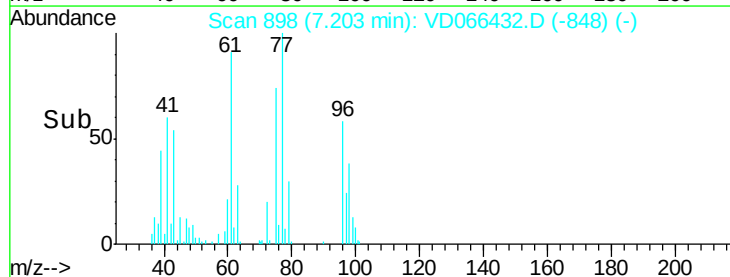
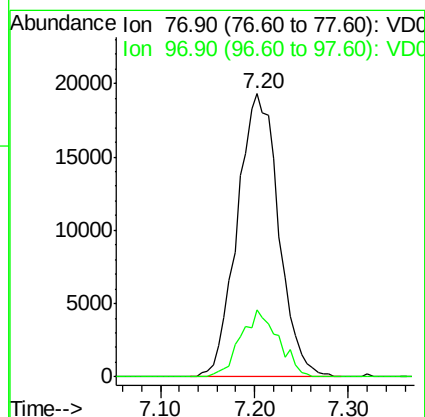
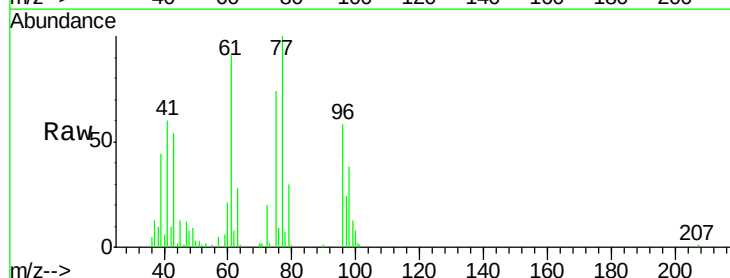
Acq: 27 Aug 2020 13:06

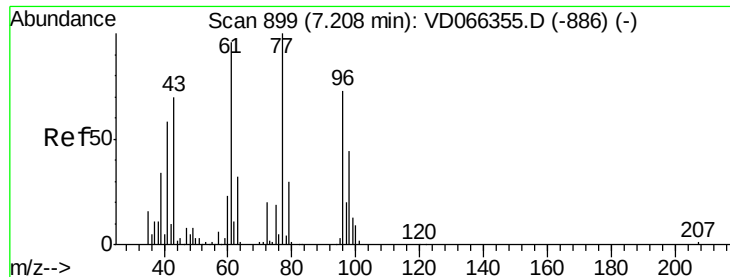
Tgt Ion: 77 Resp: 58927

Ion Ratio Lower Upper

77 100

97 21.6 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.032 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBSD01

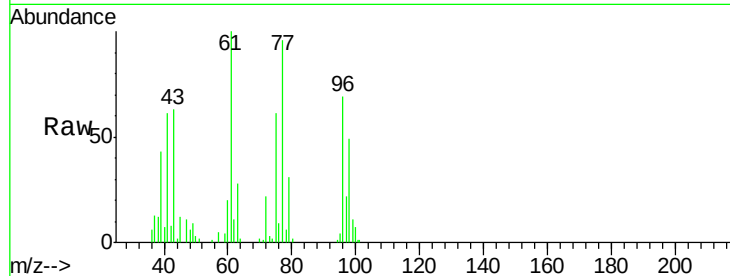
Tgt Ion: 96 Resp: 33225

Ion Ratio Lower Upper

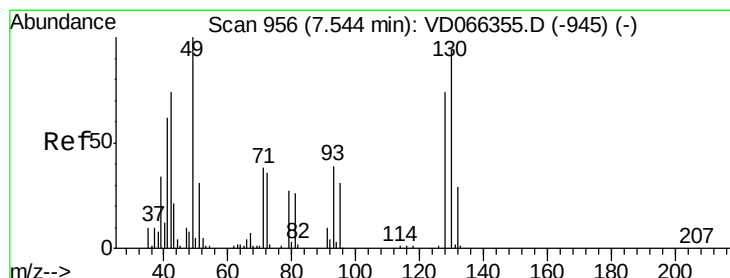
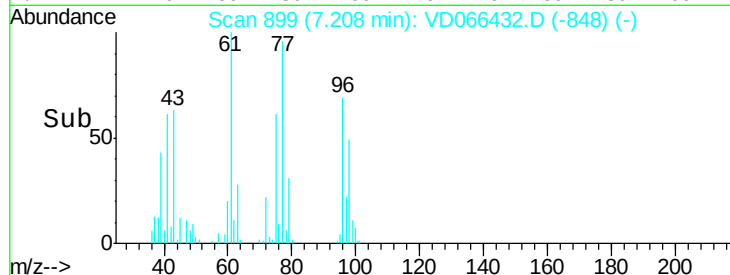
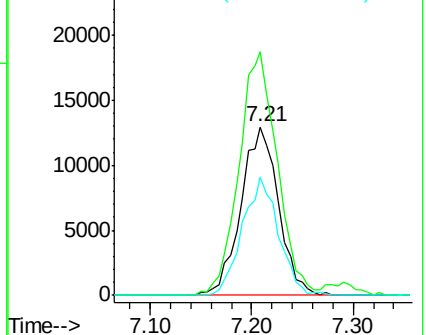
96 100

61 146.9 0.0 281.4

98 68.0 0.0 132.2



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



#28

Bromochloromethane

Concen: 16.282 ug/l

RT: 7.54 min Scan# 956

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

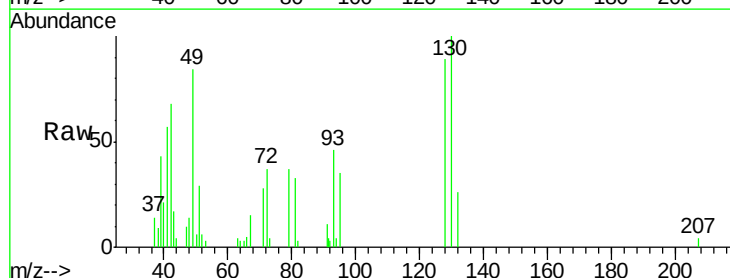
Tgt Ion: 49 Resp: 14336

Ion Ratio Lower Upper

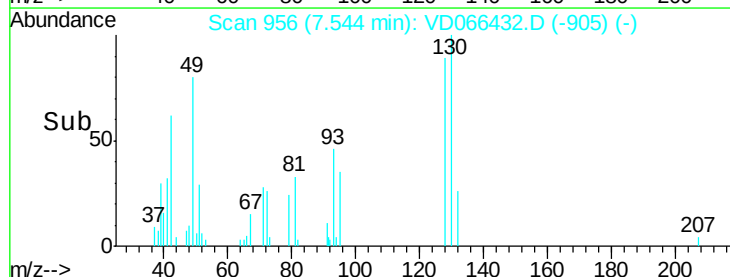
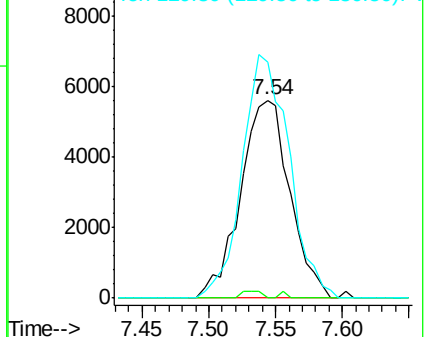
49 100

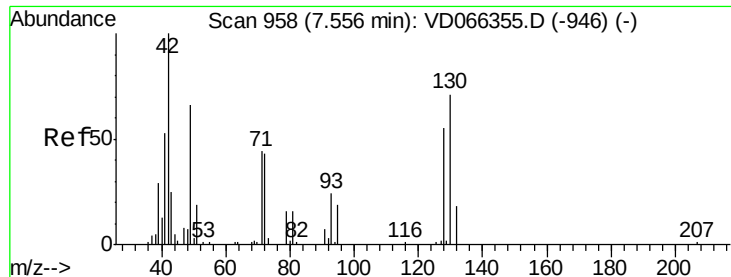
129 1.5 0.0 3.0

130 117.0 82.6 124.0



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

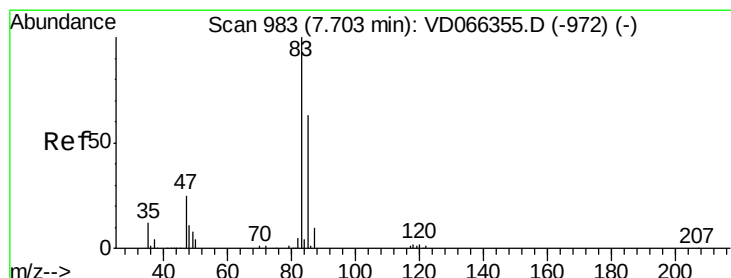
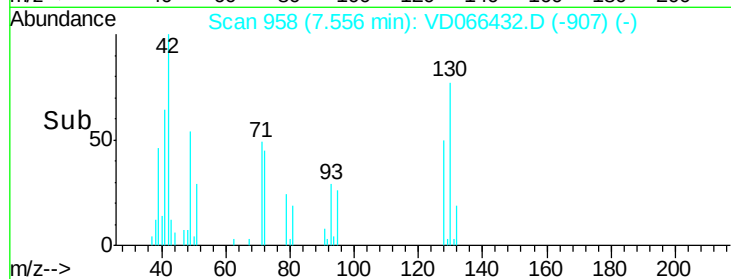
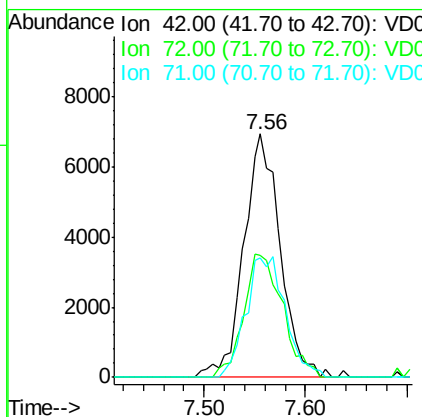
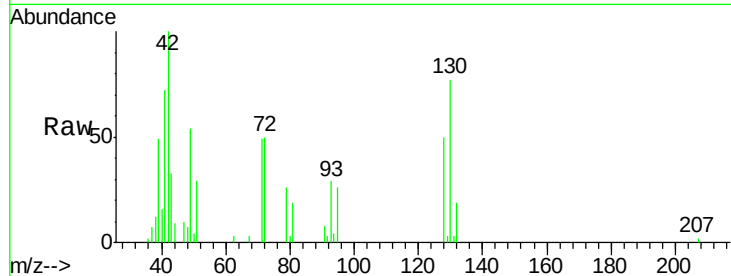




#29
Tetrahydrofuran
Concen: 88.984 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

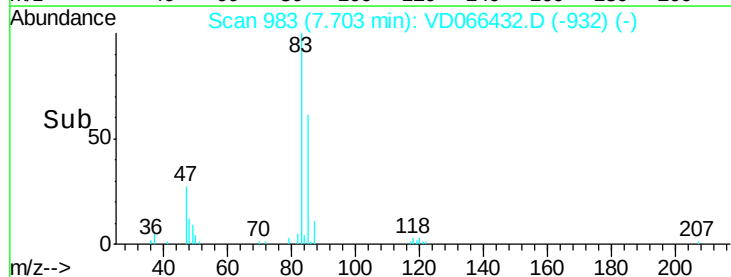
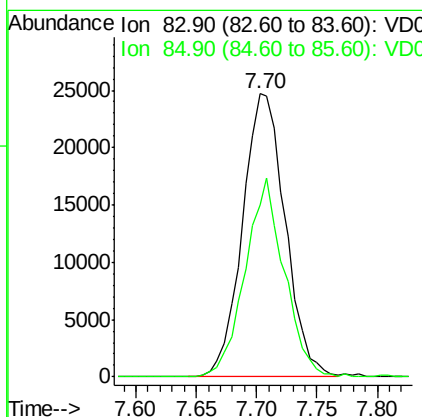
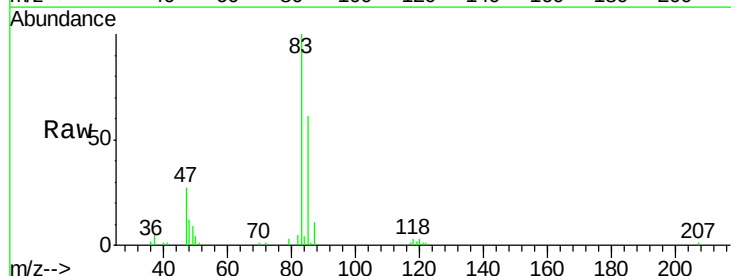
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBSD01

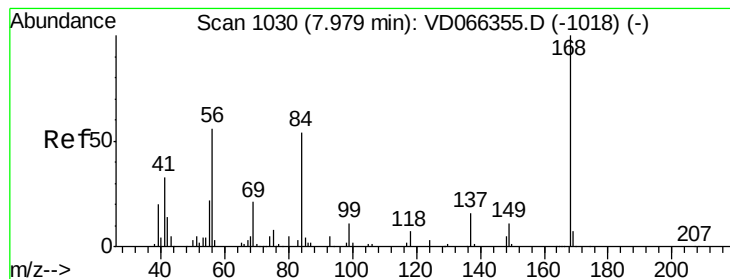
Tgt Ion: 42 Resp: 17416
Ion Ratio Lower Upper
42 100
72 54.2 41.0 61.4
71 53.9 37.2 55.8



#30
Chloroform
Concen: 20.629 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

Tgt Ion: 83 Resp: 61008
Ion Ratio Lower Upper
83 100
85 60.8 50.3 75.5





#31

Cyclohexane

Concen: 17.516 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBSD01

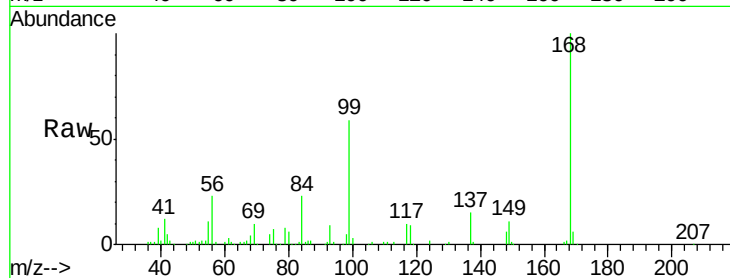
Tgt Ion: 56 Resp: 40949

Ion Ratio Lower Upper

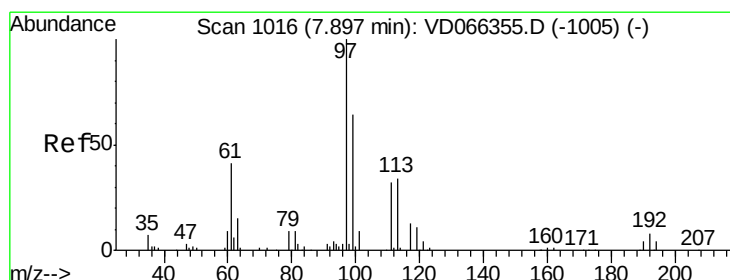
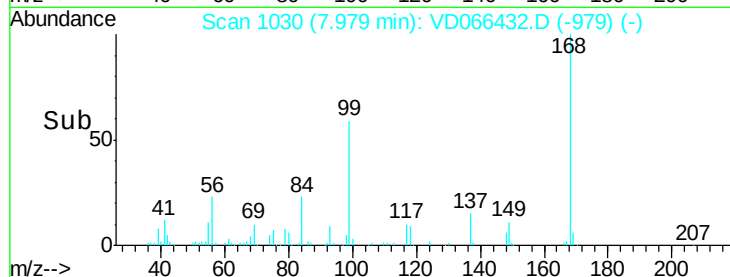
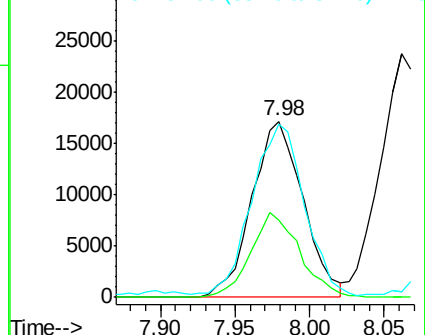
56 100

69 43.7 29.6 44.4

84 96.8 76.6 115.0



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



#32

1,1,1-Trichloroethane

Concen: 21.403 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

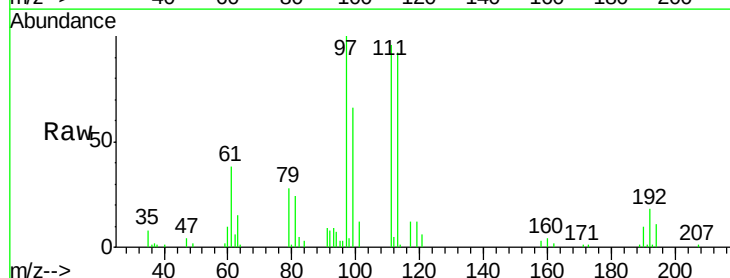
Tgt Ion: 97 Resp: 64781

Ion Ratio Lower Upper

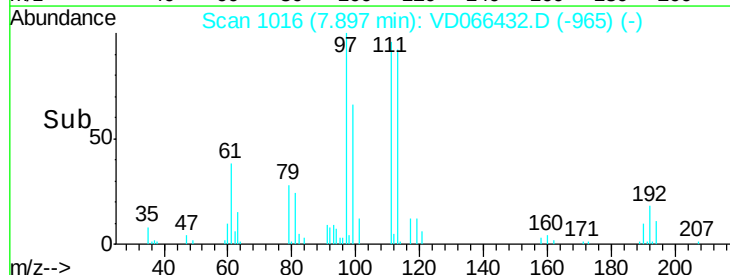
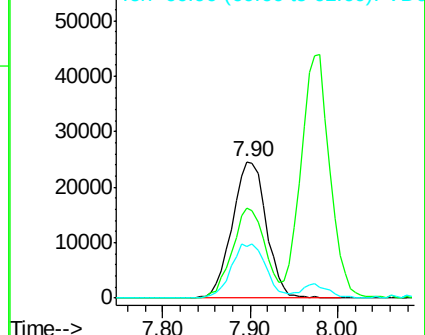
97 100

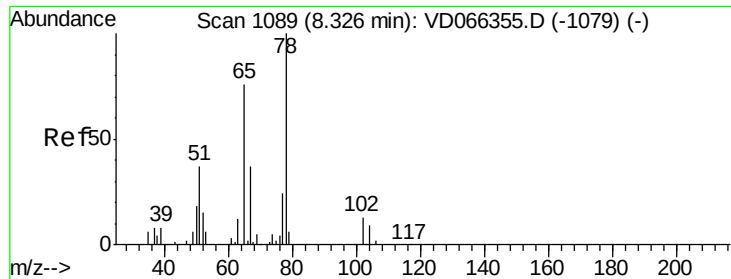
99 63.2 51.5 77.3

61 40.5 33.3 49.9



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

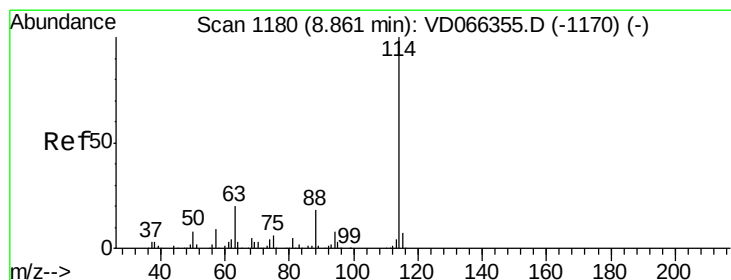
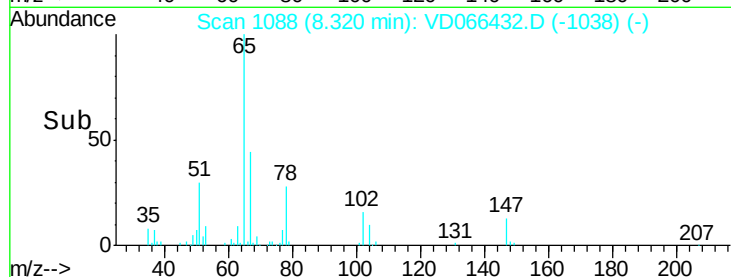
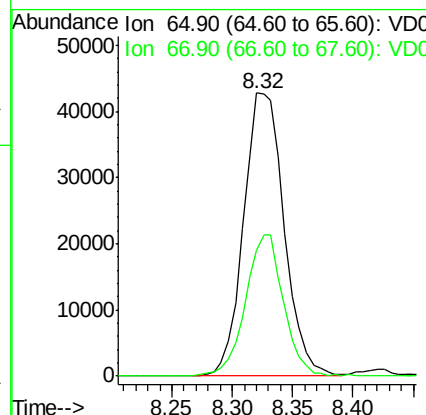
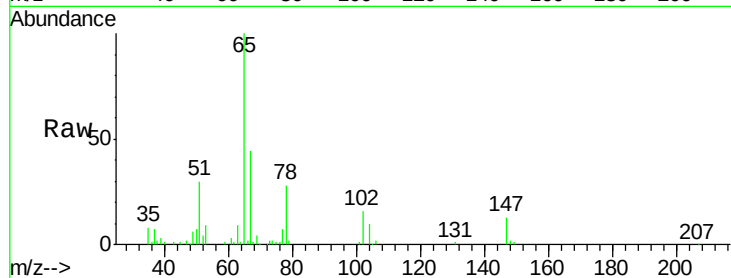




#33
 1,2-Dichloroethane-d4
 Concen: 59.577 ug/l
 RT: 8.32 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

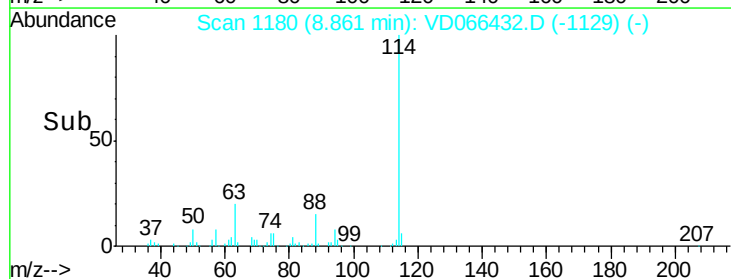
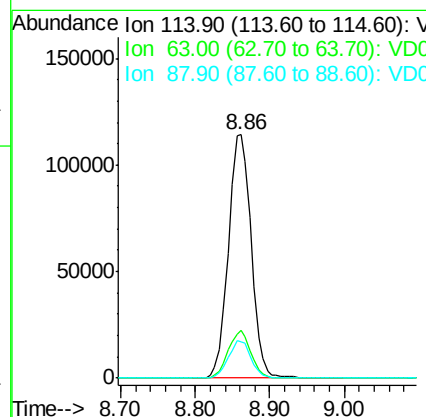
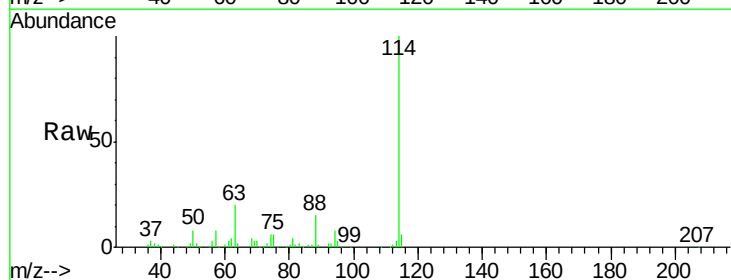
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBSD01

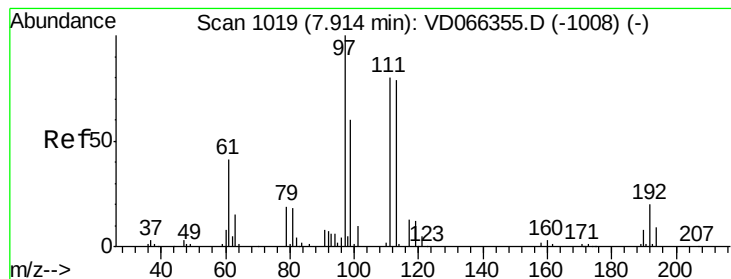
Tgt Ion: 65 Resp: 100307
 Ion Ratio Lower Upper
 65 100
 67 46.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Tgt Ion: 114 Resp: 243540
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.595 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBSD01

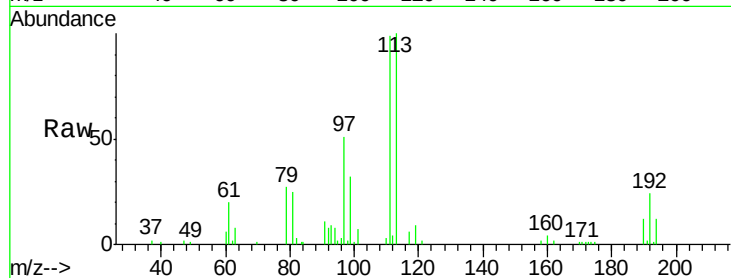
Tgt Ion: 113 Resp: 80096

Ion Ratio Lower Upper

113 100

111 102.0 80.3 120.5

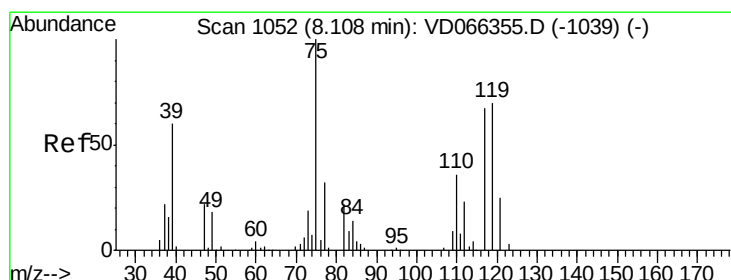
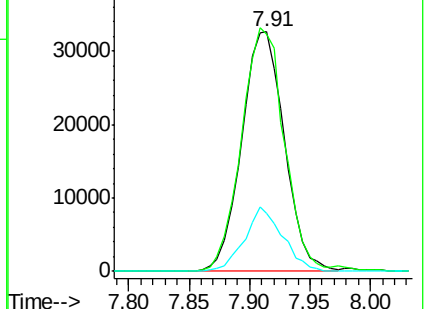
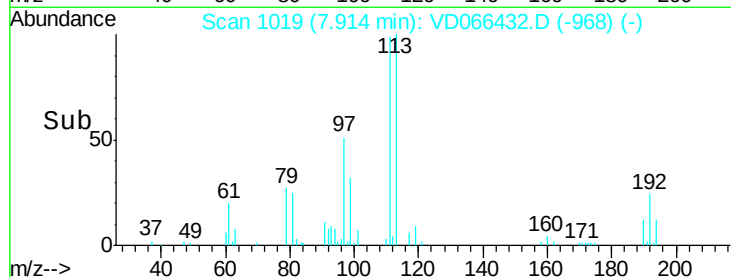
192 23.9 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.028 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

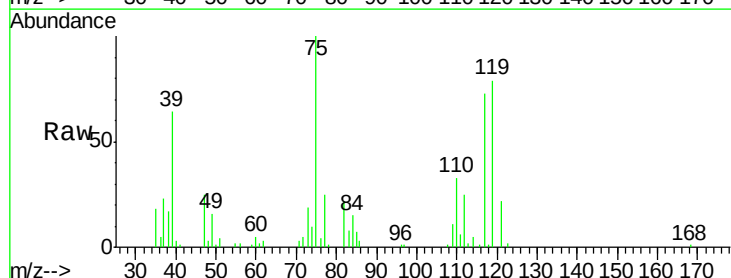
Tgt Ion: 75 Resp: 42283

Ion Ratio Lower Upper

75 100

110 38.9 18.7 56.1

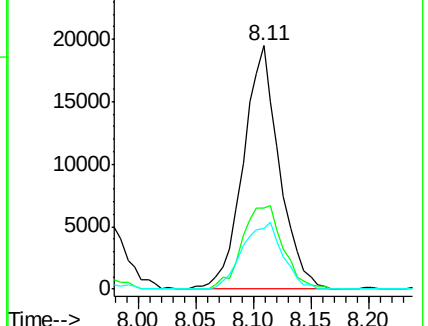
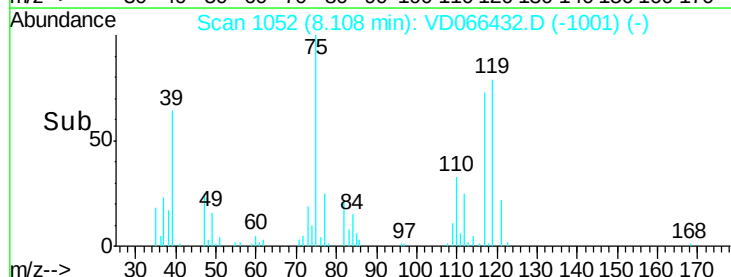
77 30.5 25.2 37.8

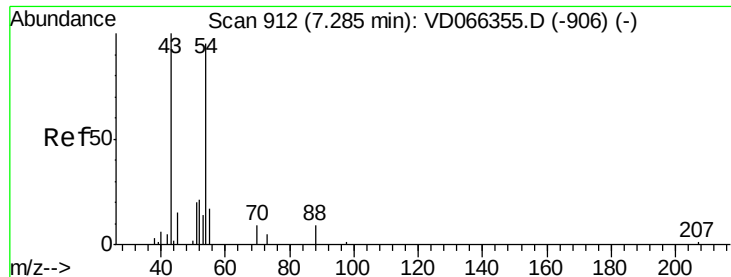


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

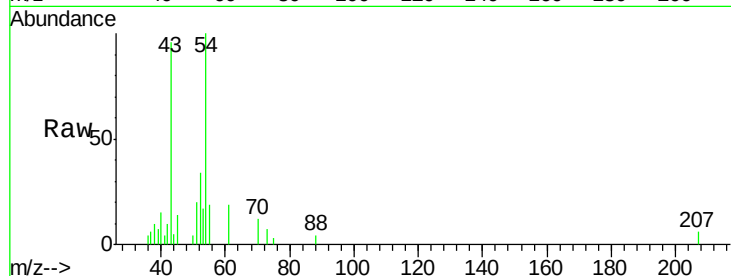




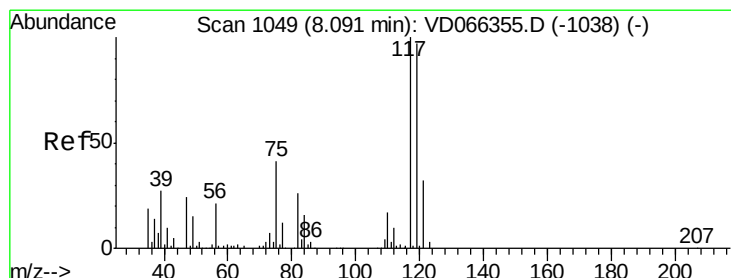
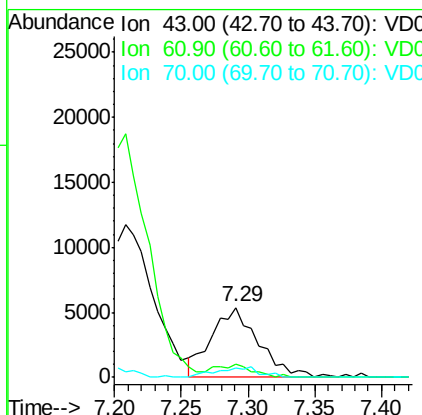
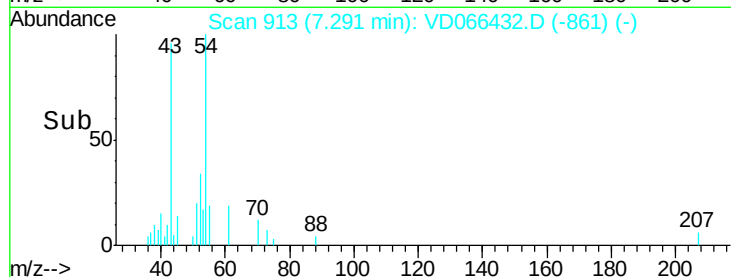
#37
 Ethyl Acetate
 Concen: 17.513 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

Tgt Ion: 43 Resp: 13236
 Ion Ratio Lower Upper
 43 100
 61 16.2 13.3 19.9
 70 13.4 3.5 5.3#

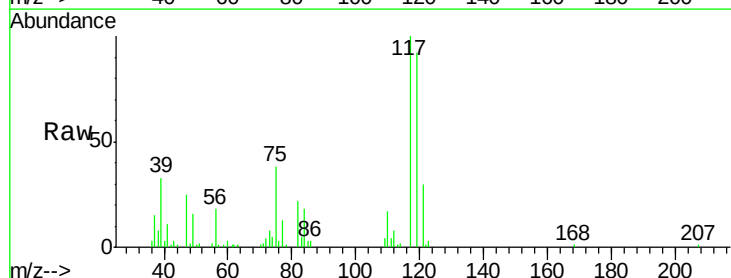


Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 70.00 (69.70 to 70.70): VDC

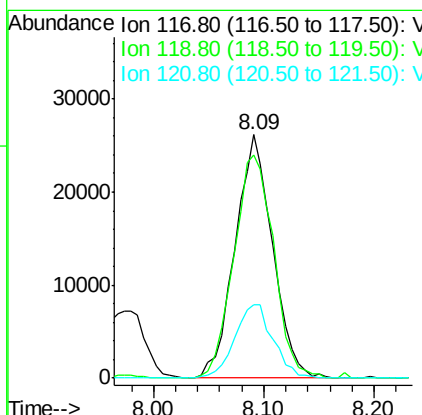
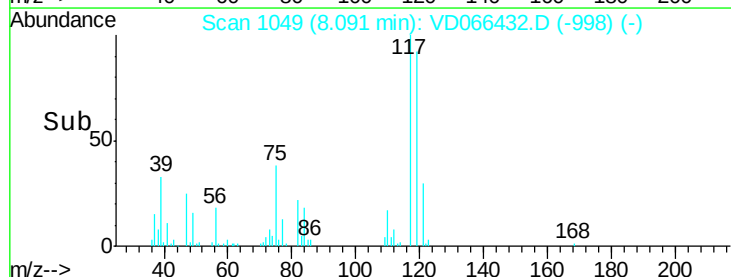


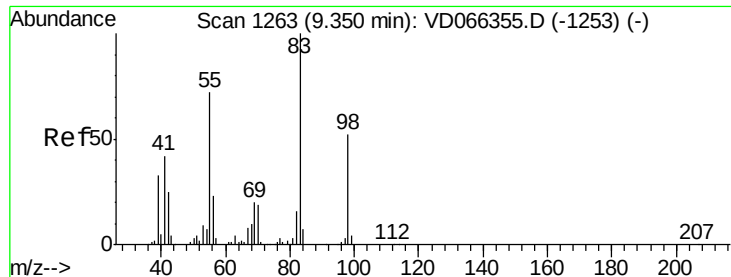
#38
 Carbon Tetrachloride
 Concen: 21.535 ug/l
 RT: 8.09 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Tgt Ion: 117 Resp: 62346
 Ion Ratio Lower Upper
 117 100
 119 91.7 77.2 115.8
 121 30.0 25.8 38.8



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

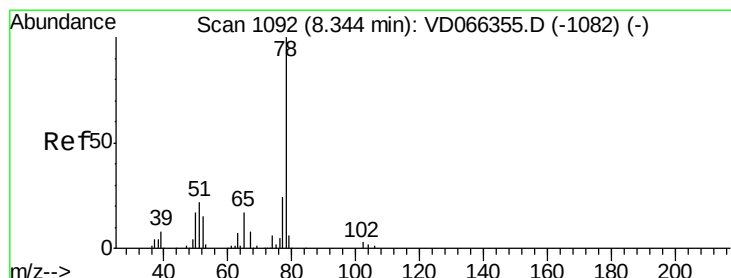
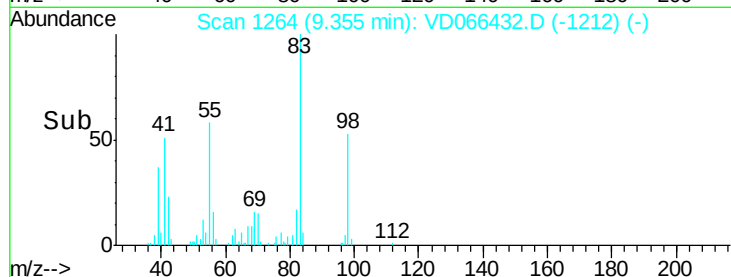
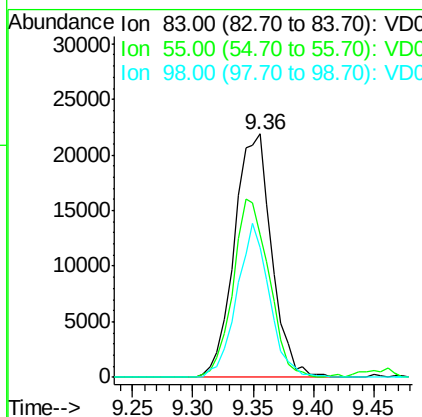
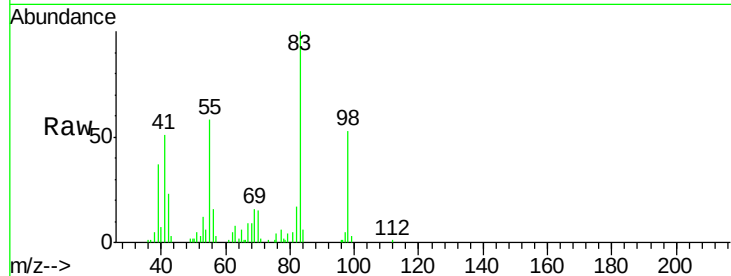




#39
Methylcyclohexane
Concen: 18.006 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

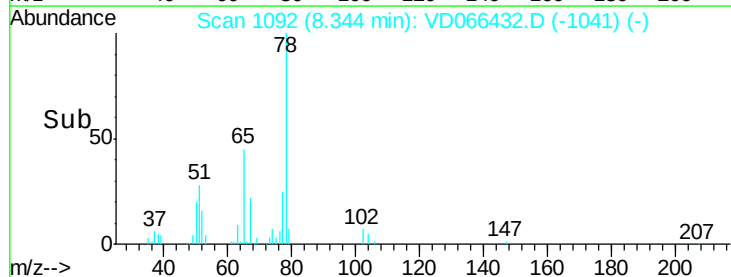
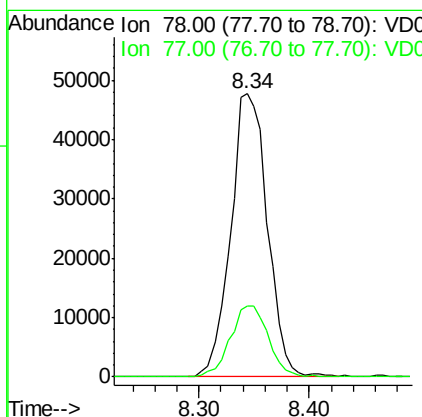
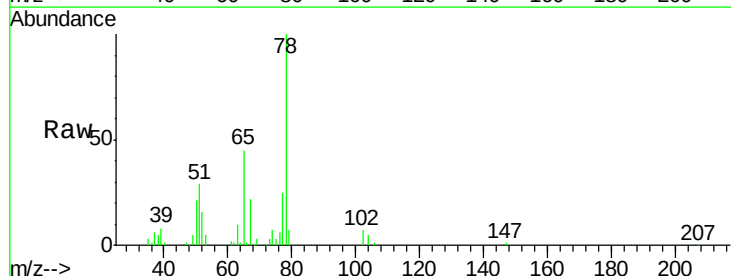
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBSD01

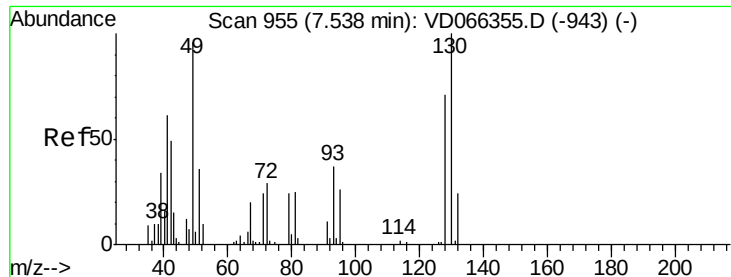
Tgt Ion: 83 Resp: 47134
Ion Ratio Lower Upper
83 100
55 58.4 58.0 87.0
98 53.3 41.9 62.9



#40
Benzene
Concen: 18.985 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

Tgt Ion: 78 Resp: 110980
Ion Ratio Lower Upper
78 100
77 25.2 18.8 28.2

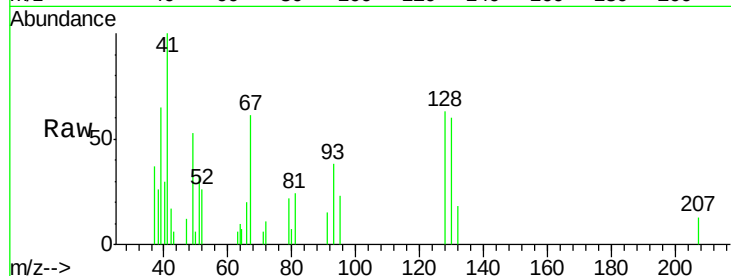




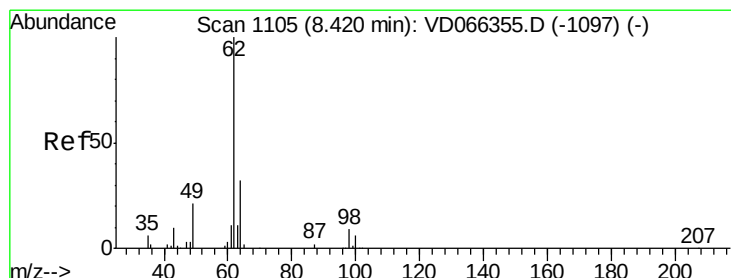
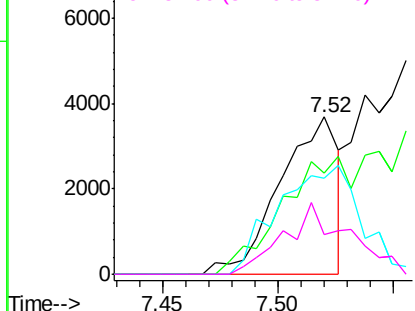
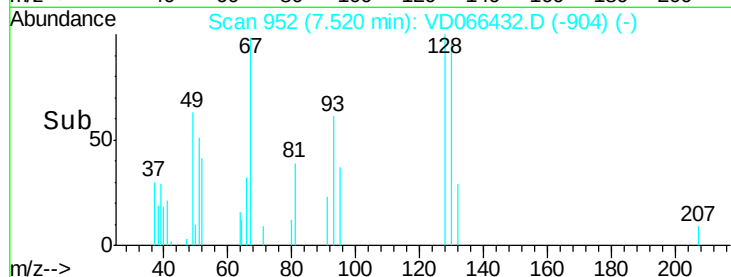
#41
Methacrylonitrile
Concen: 13.961 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

Instrument :
MSVOA_D
ClientSampleId :
VD0827SBSD01

Tgt Ion: 41 Resp: 6507
Ion Ratio Lower Upper
41 100
39 87.4 51.8 77.8#
67 98.0 0.0 0.0#
52 49.9 0.0 0.0#

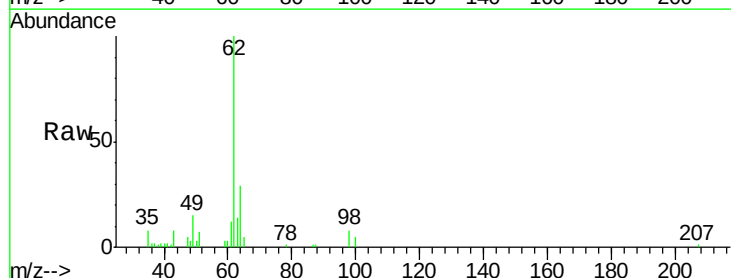


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

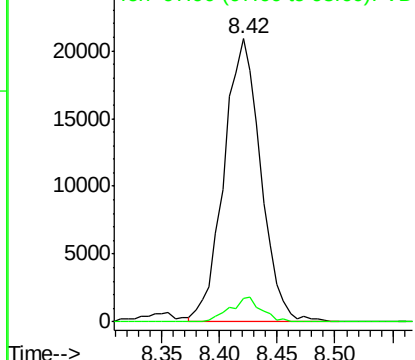
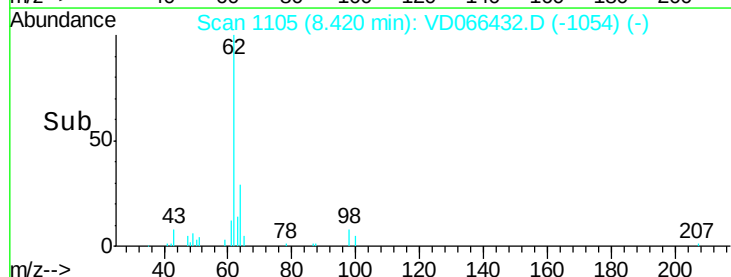


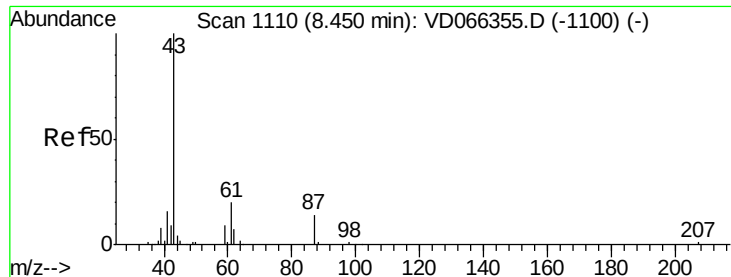
#42
1,2-Dichloroethane
Concen: 22.499 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

Tgt Ion: 62 Resp: 46322
Ion Ratio Lower Upper
62 100
98 7.4 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.728 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

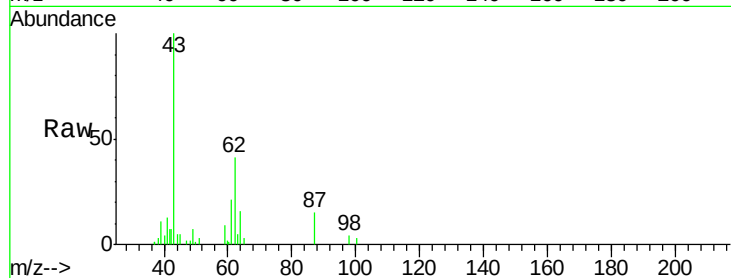
Tgt Ion: 43 Resp: 28410

Ion Ratio Lower Upper

43 100

61 37.2 26.5 39.7

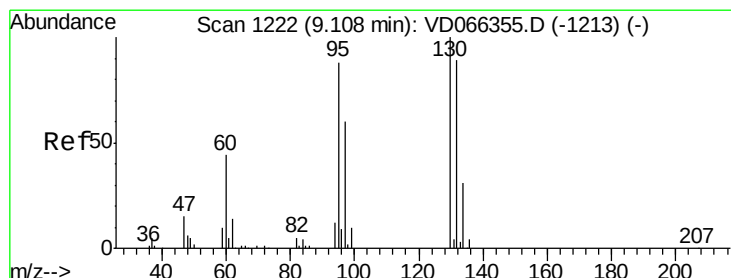
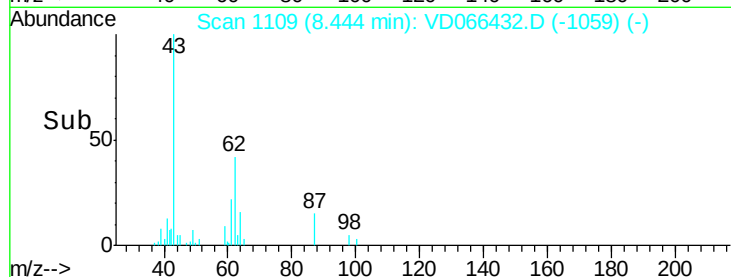
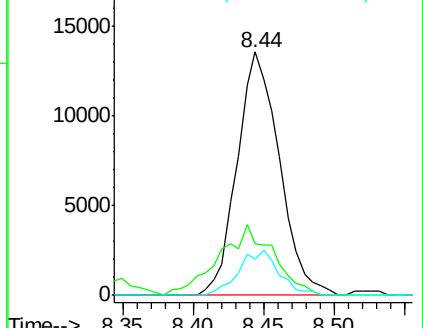
87 17.8 11.9 17.9



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: 19.675 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD066432.D

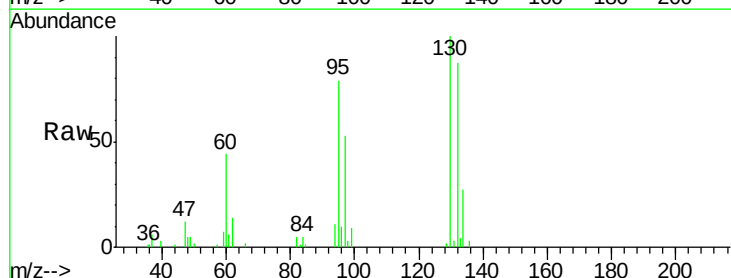
Acq: 27 Aug 2020 13:06

Tgt Ion: 130 Resp: 37372

Ion Ratio Lower Upper

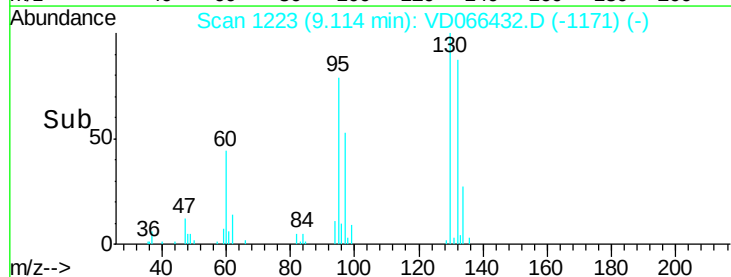
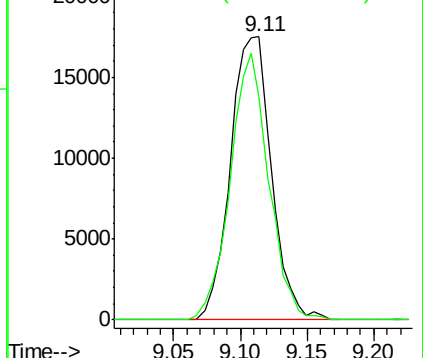
130 100

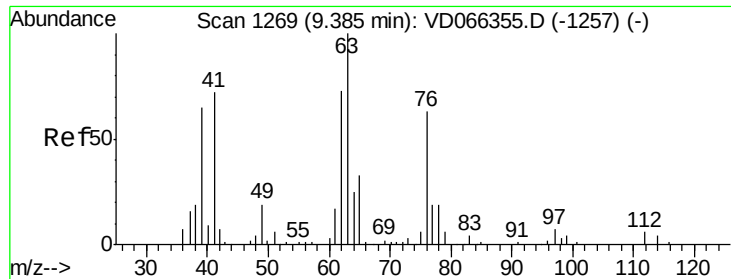
95 78.8 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

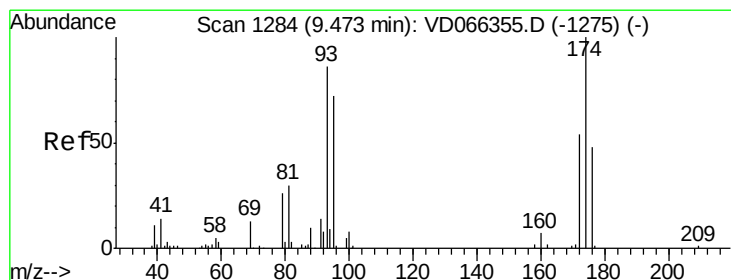
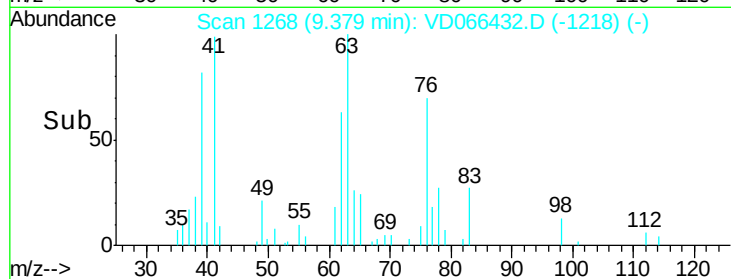
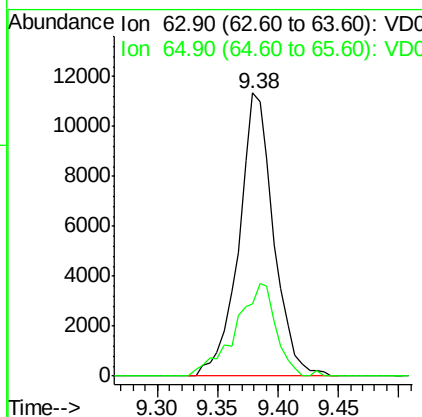
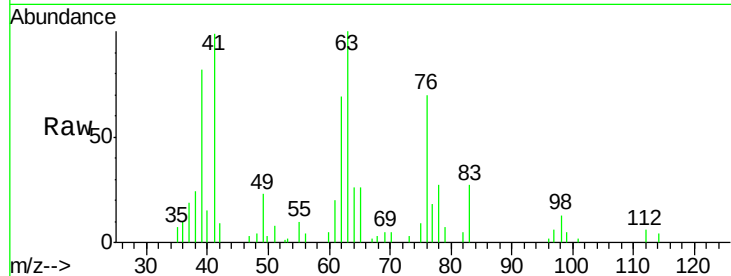




#45
 1,2-Dichloropropane
 Concen: 17.160 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

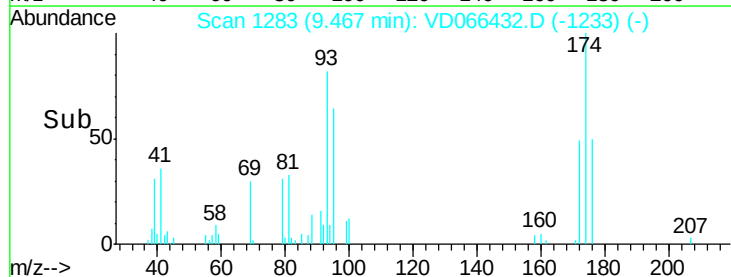
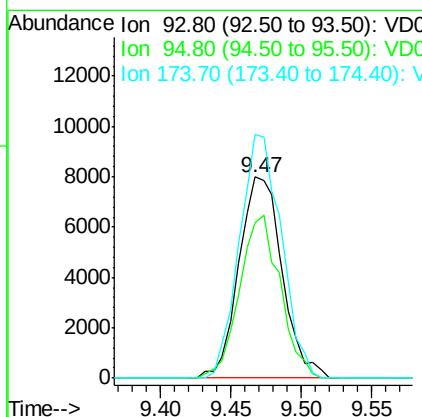
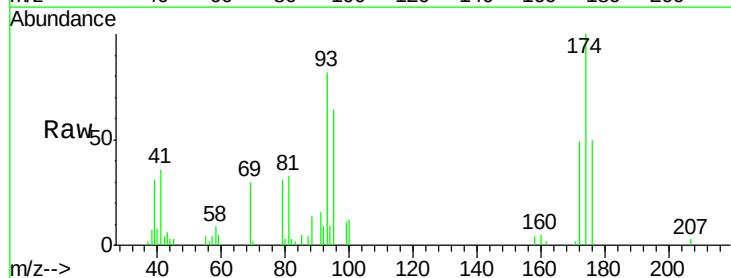
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBSD01

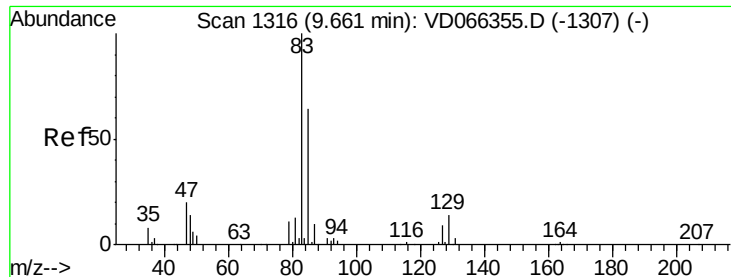
Tgt Ion: 63 Resp: 22742
 Ion Ratio Lower Upper
 63 100
 65 25.5 26.4 39.6#



#46
 Dibromomethane
 Concen: 20.753 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Tgt Ion: 93 Resp: 17124
 Ion Ratio Lower Upper
 93 100
 95 75.8 66.0 99.0
 174 117.3 94.6 141.8





#47

Bromodichloromethane

Concen: 21.504 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBSD01

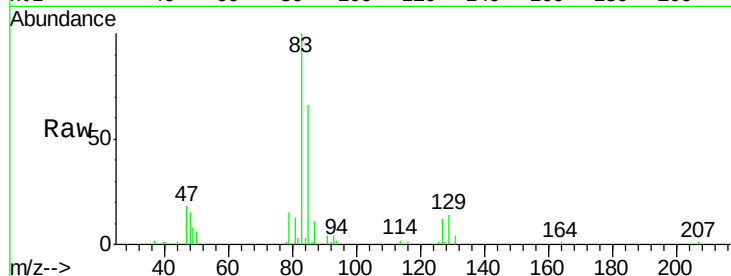
Tgt Ion: 83 Resp: 48797

Ion Ratio Lower Upper

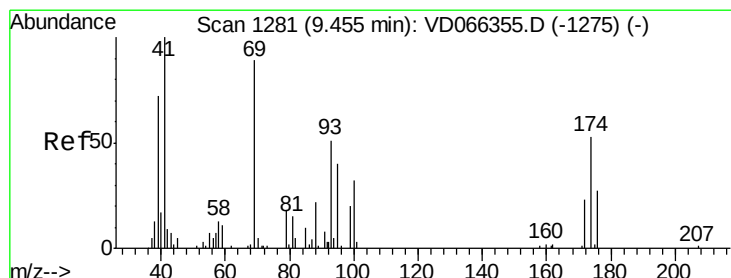
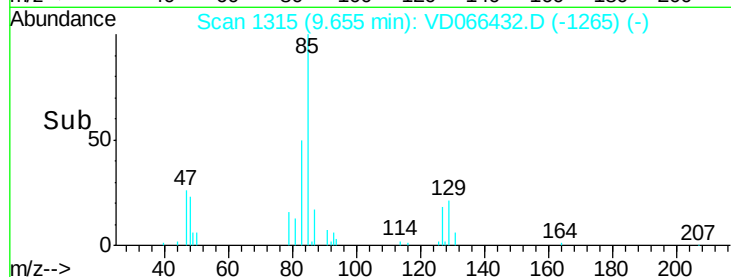
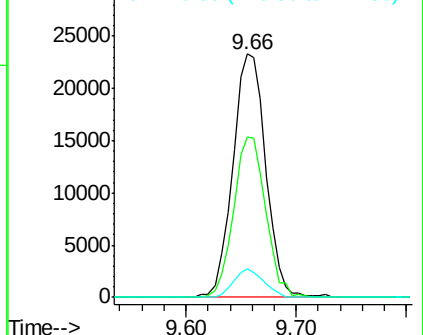
83 100

85 66.0 51.4 77.0

127 11.6 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): V



#48

Methyl methacrylate

Concen: 19.016 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

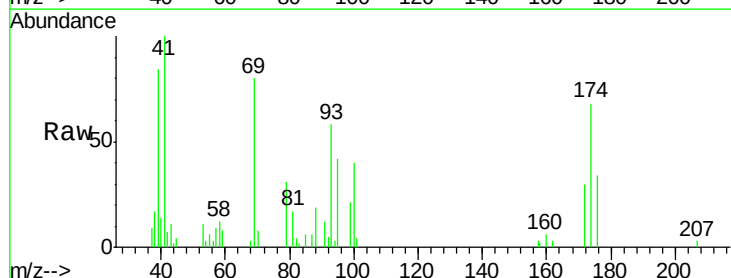
Tgt Ion: 41 Resp: 14875

Ion Ratio Lower Upper

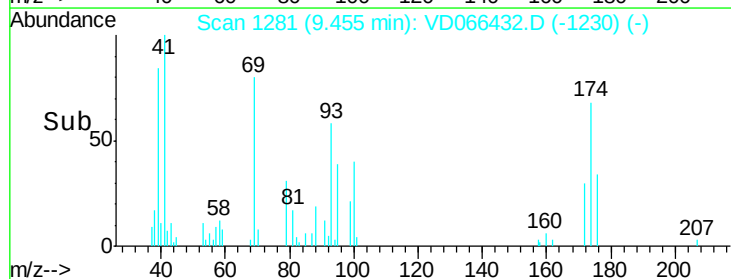
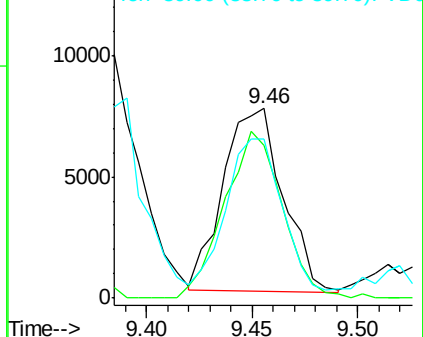
41 100

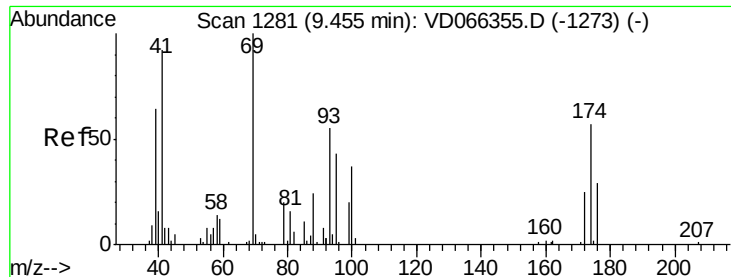
69 88.1 75.5 113.3

39 84.8 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

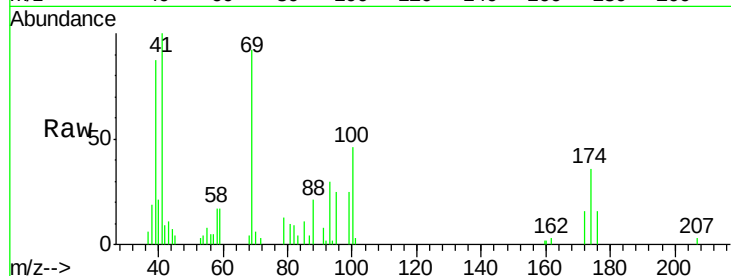




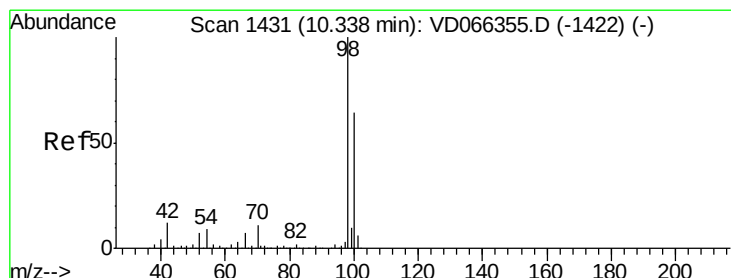
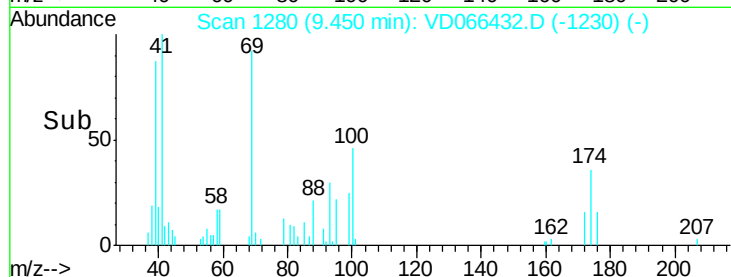
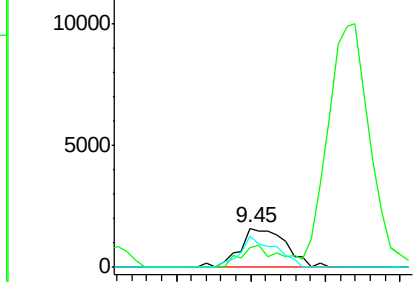
#49
1,4-Dioxane
Concen: 355.071 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

Instrument :
MSVOA_D
ClientSampleId :
VD0827SBS01

Tgt Ion: 88 Resp: 3402
Ion Ratio Lower Upper
88 100
43 41.7 29.4 44.0
58 61.4 45.4 68.2

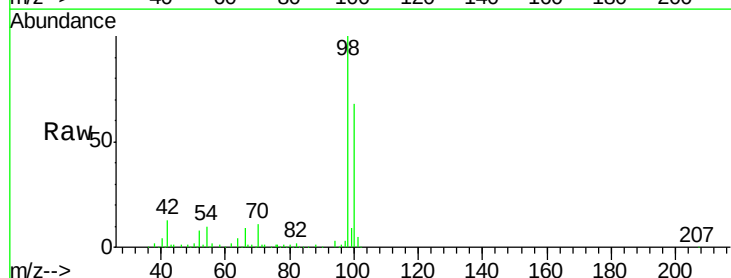


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

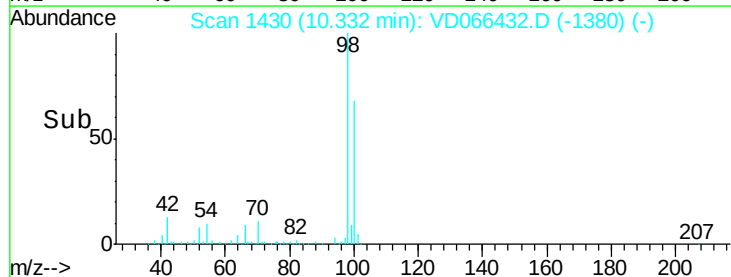
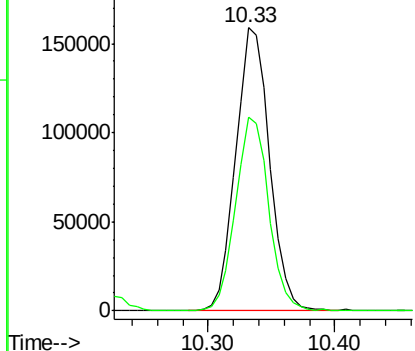


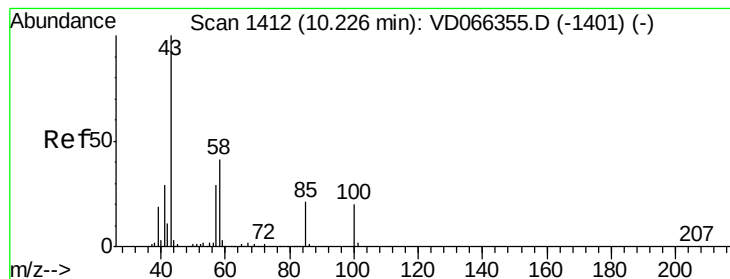
#50
Toluene-d8
Concen: 52.782 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

Tgt Ion: 98 Resp: 294103
Ion Ratio Lower Upper
98 100
100 67.2 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: 95.979 ug/l

RT: 10.22 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

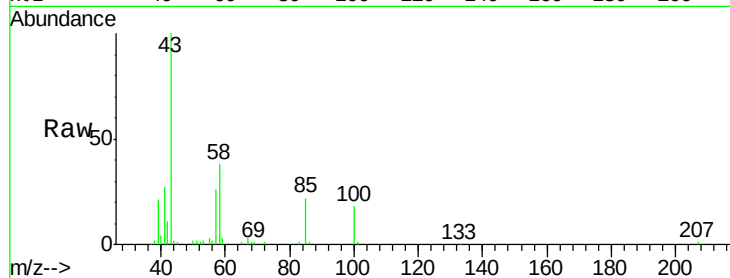
VD0827SBS01

Tgt Ion: 43 Resp: 70434

Ion Ratio Lower Upper

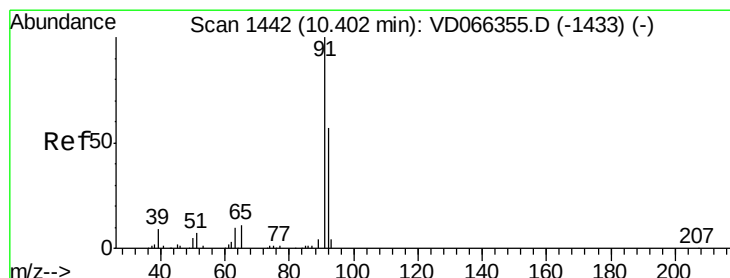
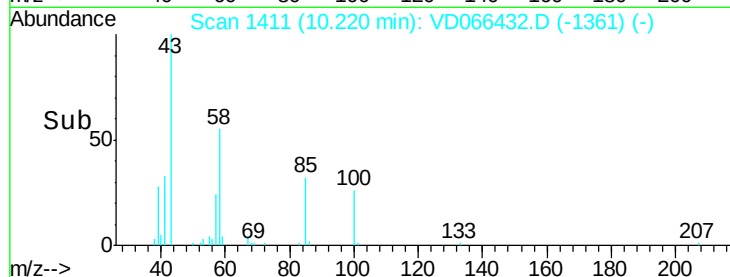
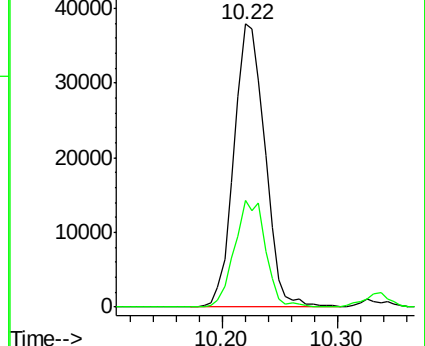
43 100

58 37.8 31.4 47.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.233 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066432.D

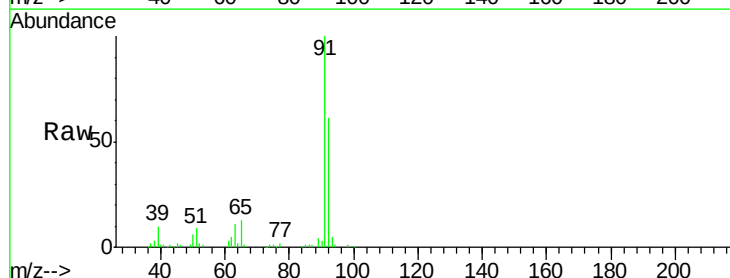
Acq: 27 Aug 2020 13:06

Tgt Ion: 92 Resp: 80131

Ion Ratio Lower Upper

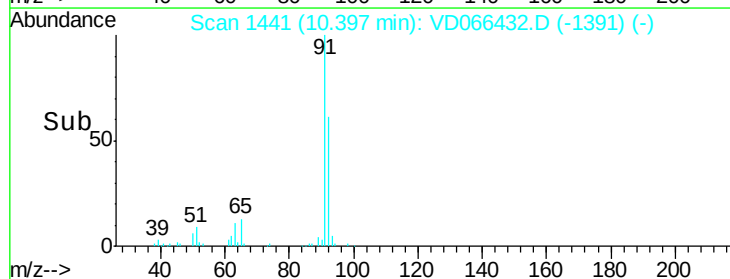
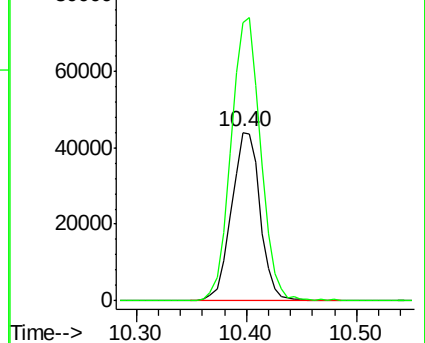
92 100

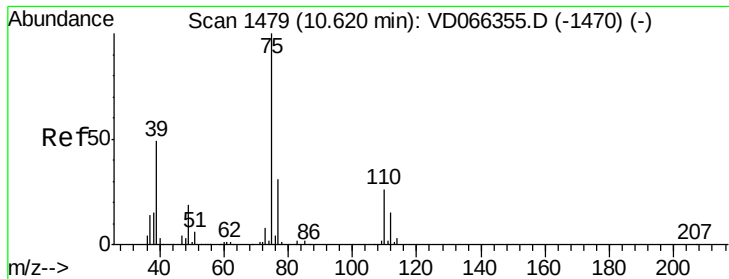
91 173.6 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

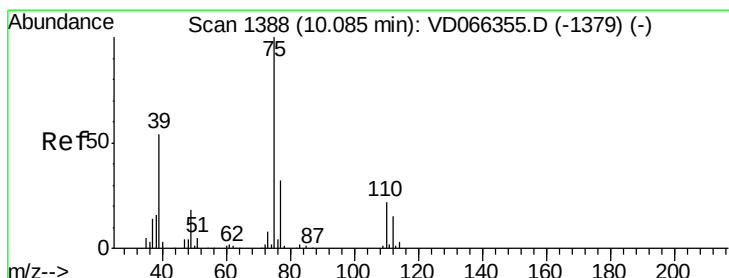
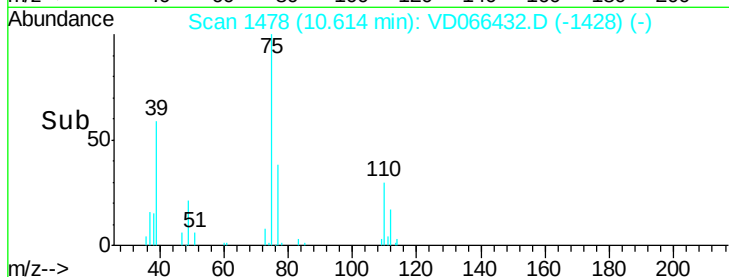
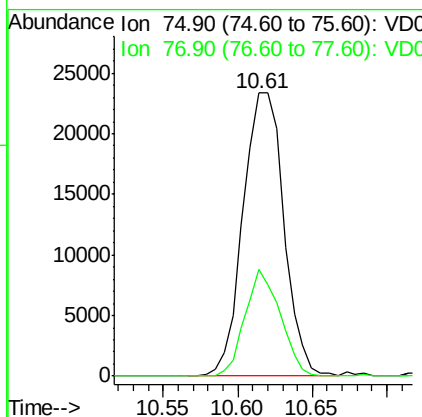
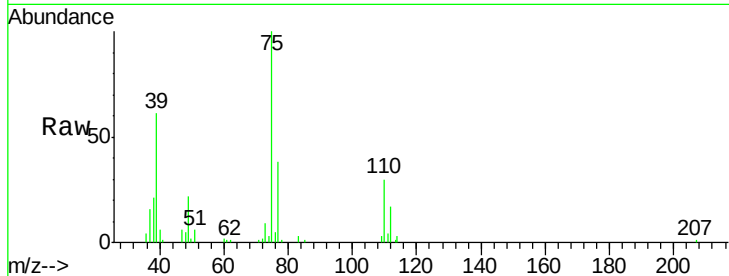




#53
 t-1,3-Dichloropropene
 Concen: 20.572 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

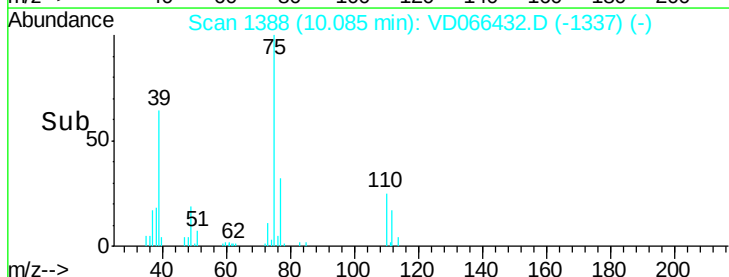
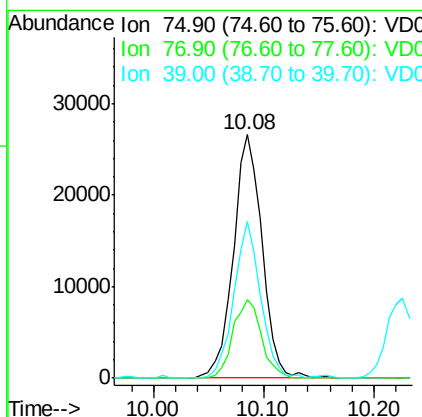
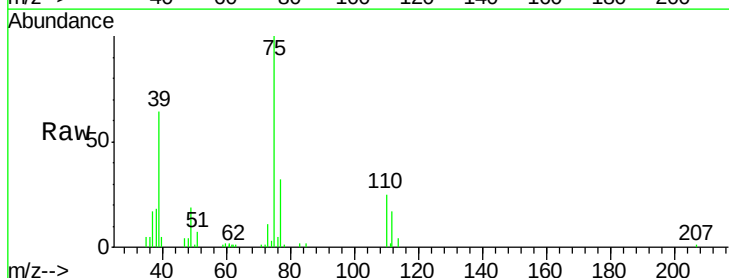
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBSD01

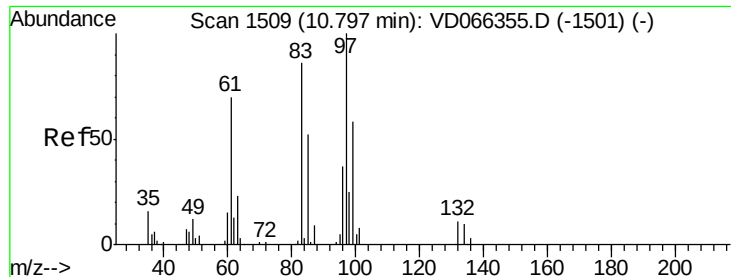
Tgt Ion: 75 Resp: 44295
 Ion Ratio Lower Upper
 75 100
 77 37.6 24.5 36.7#



#54
 cis-1,3-Dichloropropene
 Concen: 20.111 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Tgt Ion: 75 Resp: 48605
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4
 39 64.3 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 20.001 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

Tgt Ion: 97 Resp: 22342

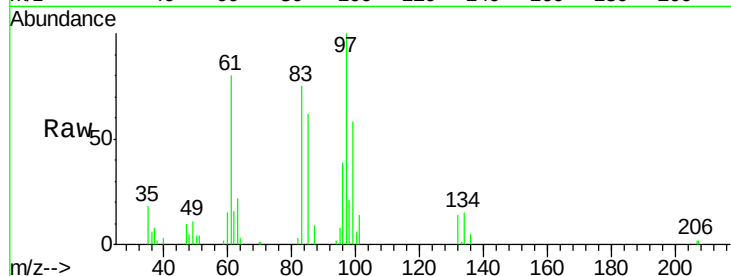
Ion Ratio Lower Upper

97 100

83 75.3 68.4 102.6

85 62.4 41.3 61.9#

99 58.5 46.1 69.1

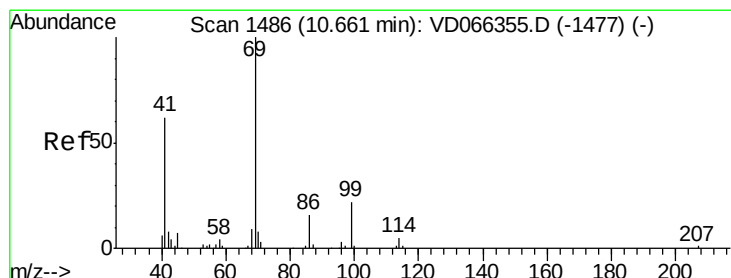
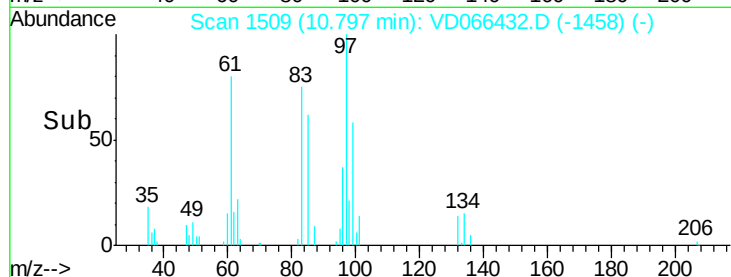
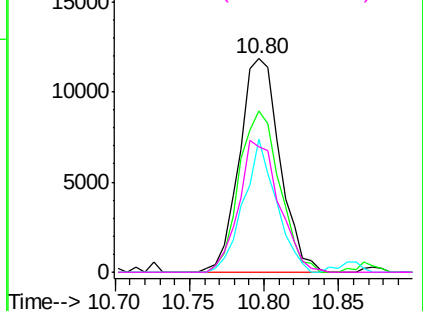


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 19.848 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

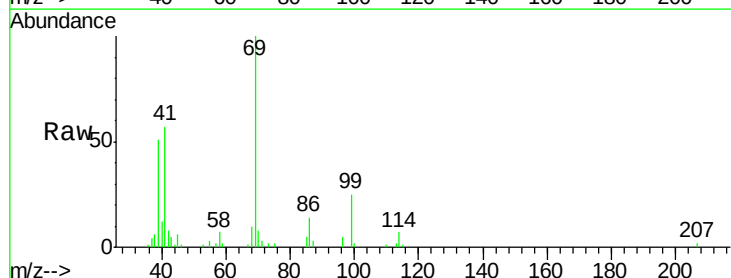
Tgt Ion: 69 Resp: 25666

Ion Ratio Lower Upper

69 100

41 65.4 50.8 76.2

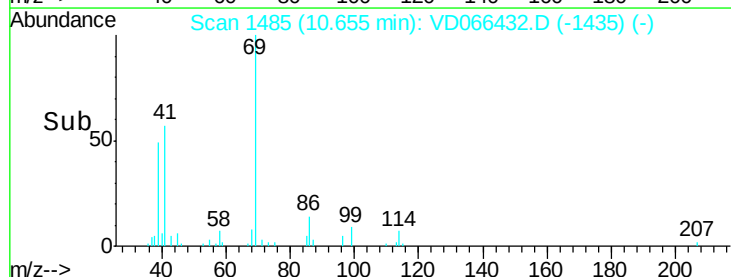
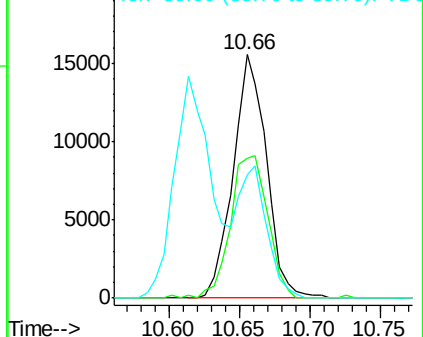
39 46.1 32.9 49.3

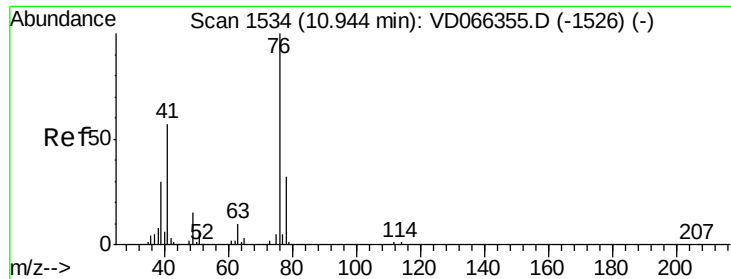


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

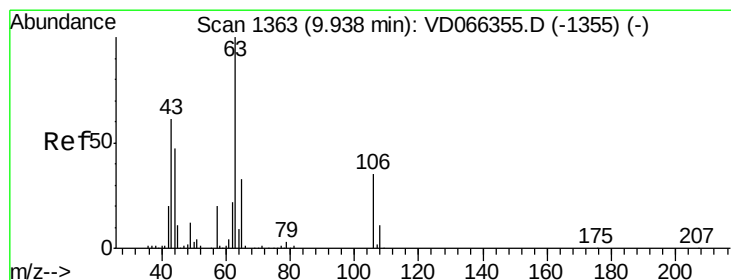
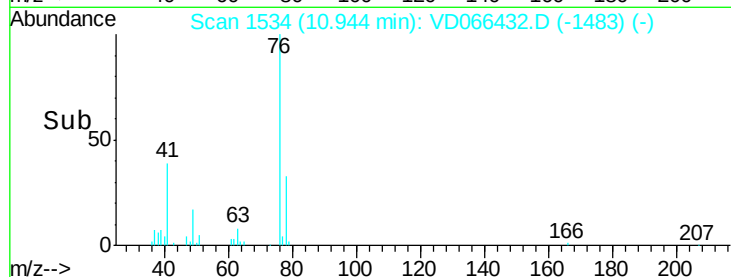
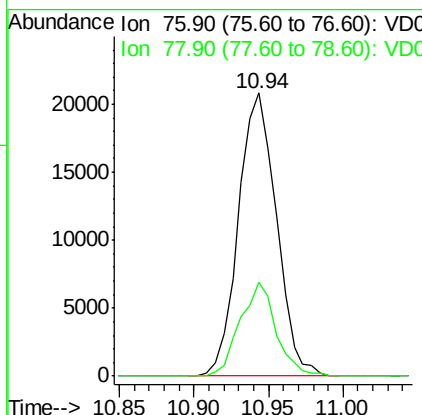
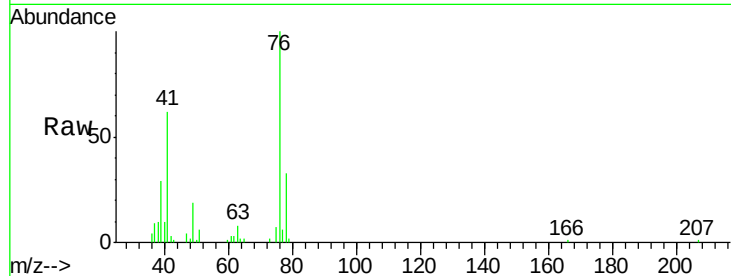




#57
 1,3-Dichloropropane
 Concen: 19.844 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

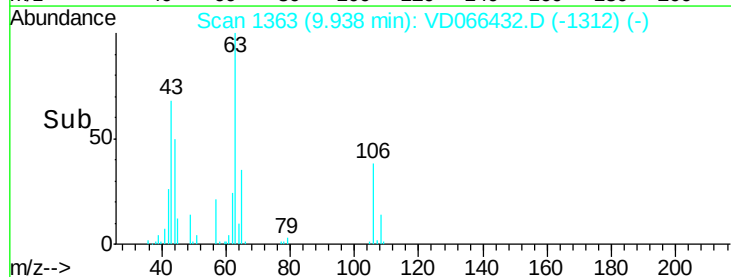
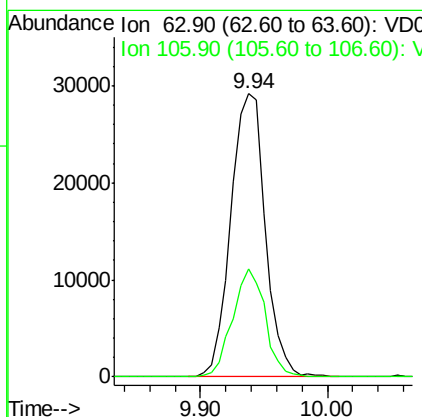
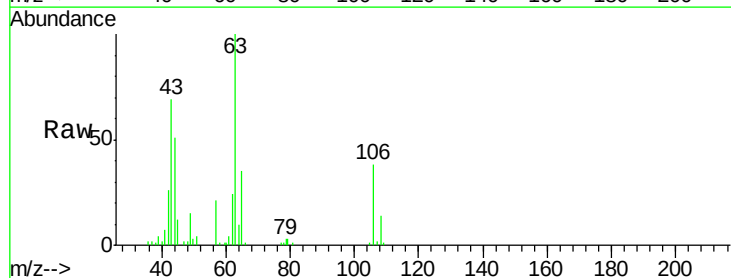
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBSD01

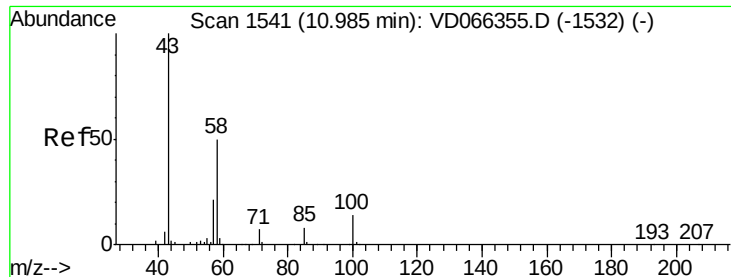
Tgt Ion: 76 Resp: 36666
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.026 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Tgt Ion: 63 Resp: 54795
 Ion Ratio Lower Upper
 63 100
 106 36.1 27.1 40.7





#59

2-Hexanone

Concen: 94.096 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

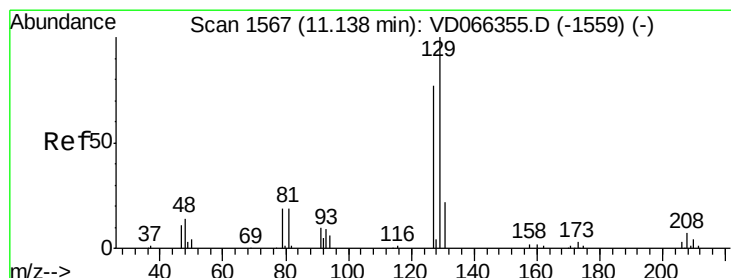
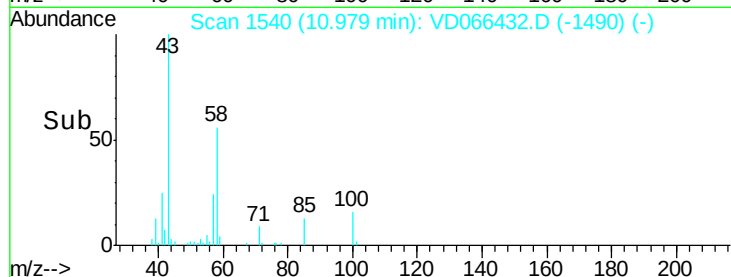
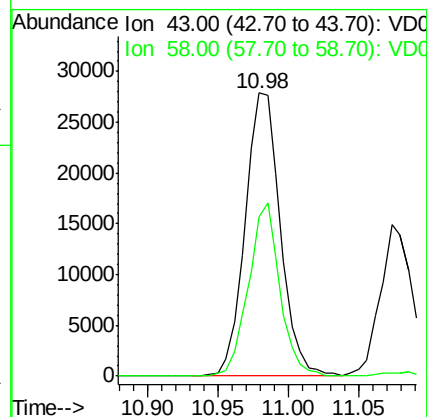
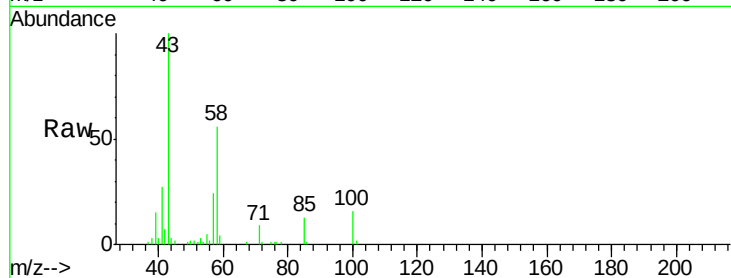
VD0827SBS01

Tgt Ion: 43 Resp: 48707

Ion Ratio Lower Upper

43 100

58 54.4 26.3 78.8



#60

Dibromochloromethane

Concen: 20.970 ug/l

RT: 11.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VD066432.D

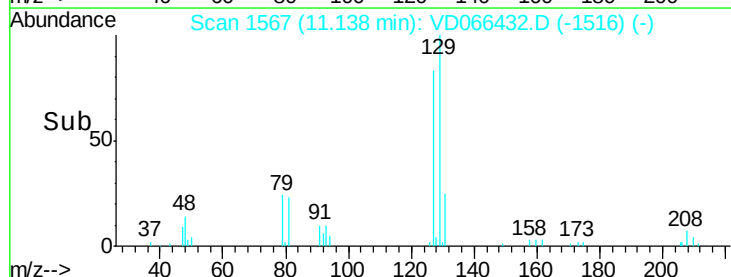
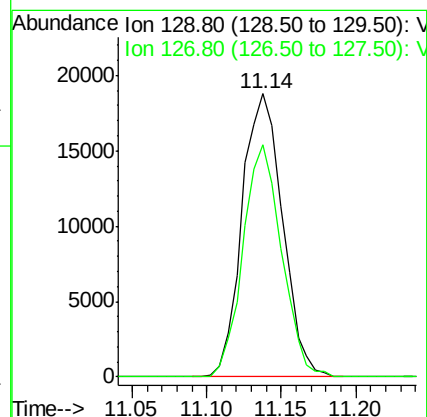
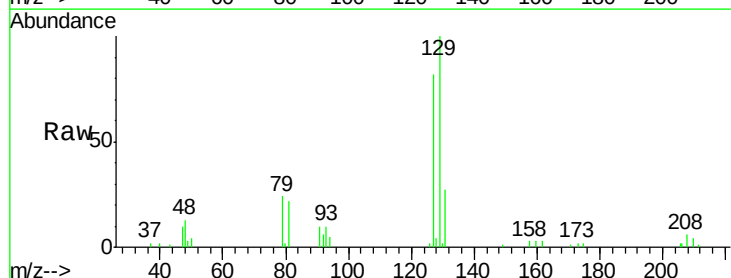
Acq: 27 Aug 2020 13:06

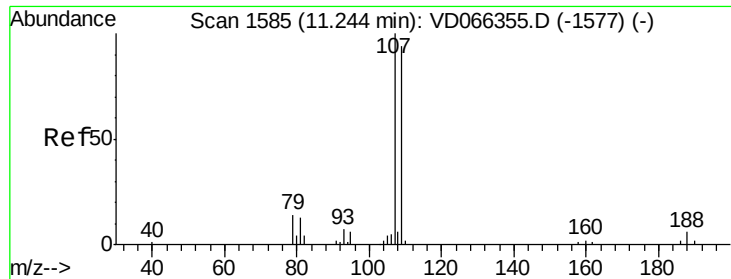
Tgt Ion: 129 Resp: 35308

Ion Ratio Lower Upper

129 100

127 78.1 39.0 117.0

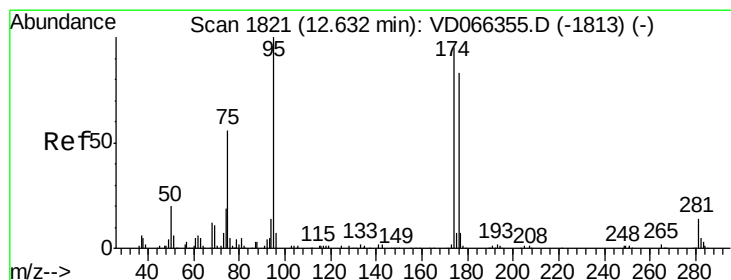
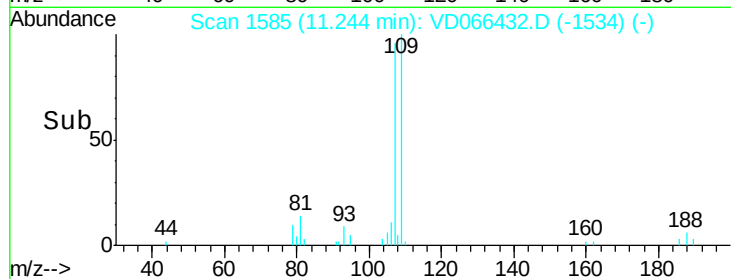
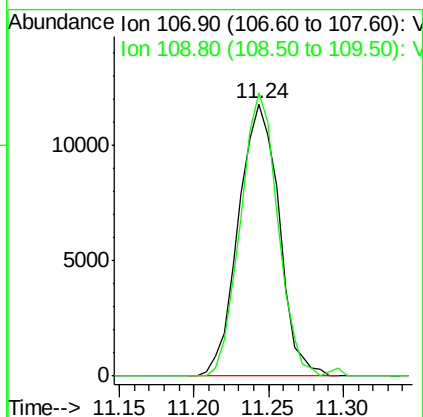
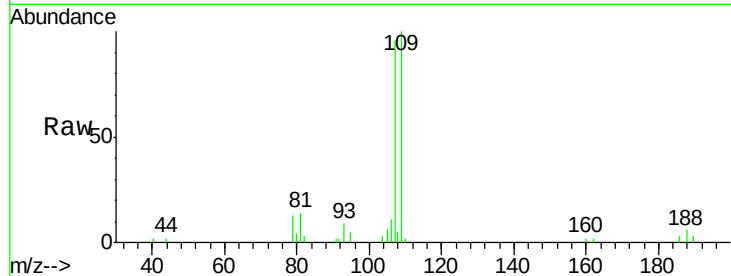




#61
 1,2-Dibromoethane
 Concen: 20.175 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

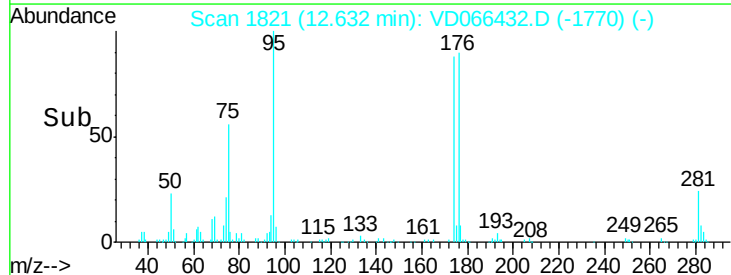
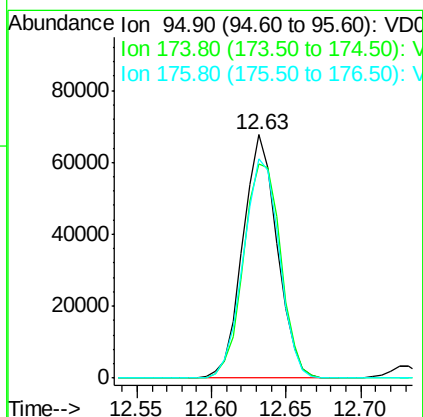
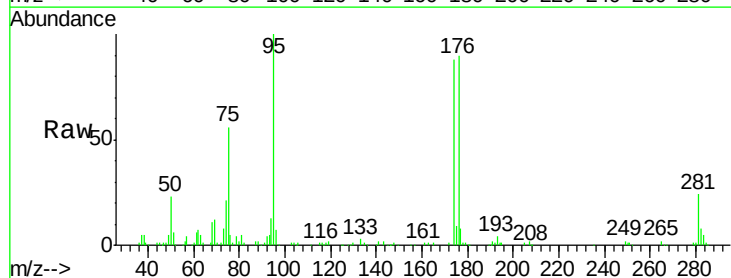
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBSD01

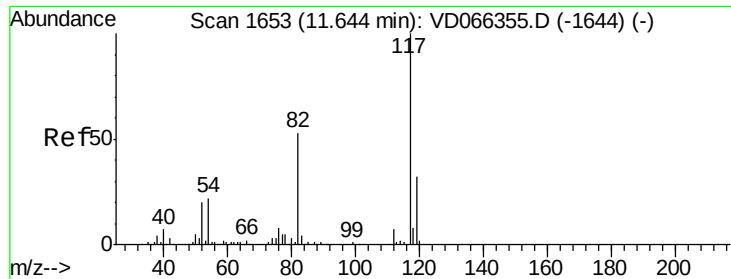
Tgt Ion: 107 Resp: 22178
 Ion Ratio Lower Upper
 107 100
 109 95.6 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 54.751 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Tgt Ion: 95 Resp: 108252
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 183.4
 176 93.7 0.0 173.8

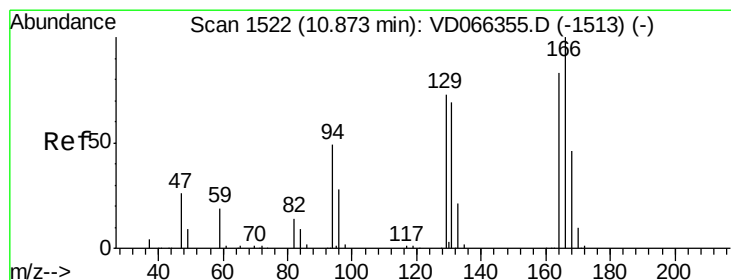
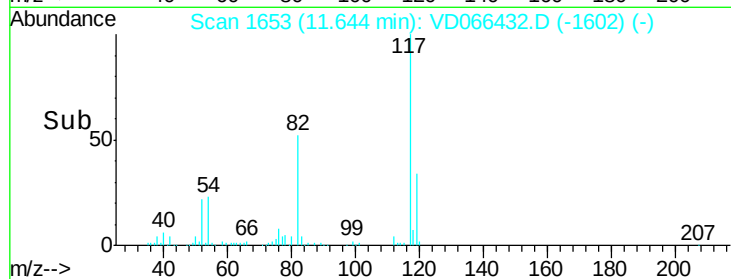
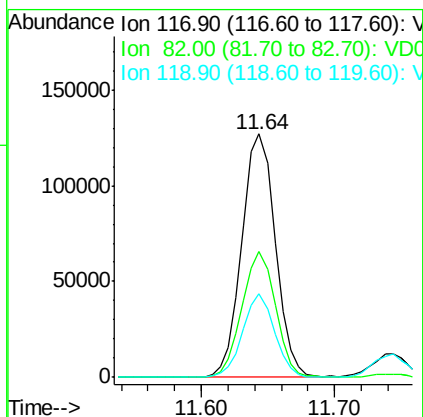
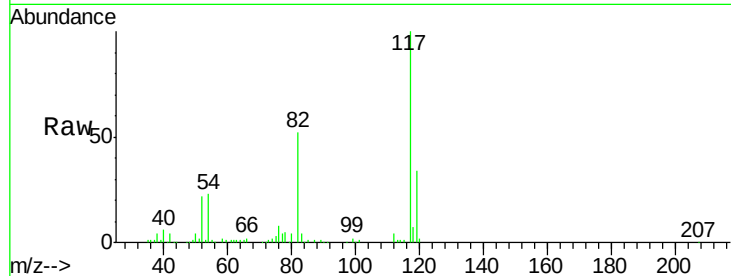




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

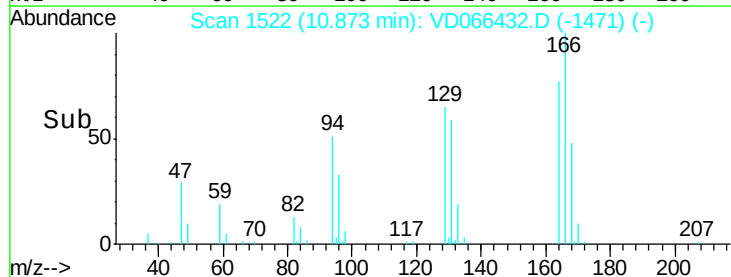
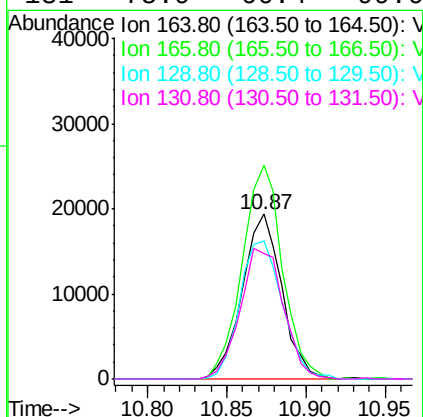
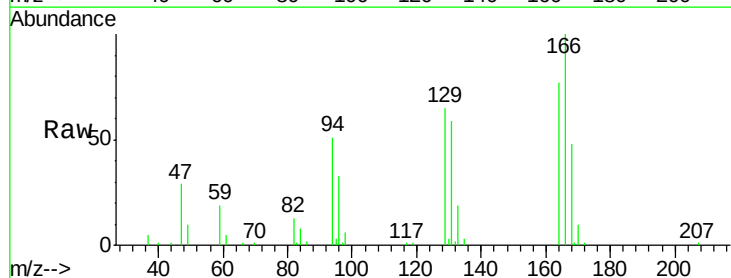
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBSD01

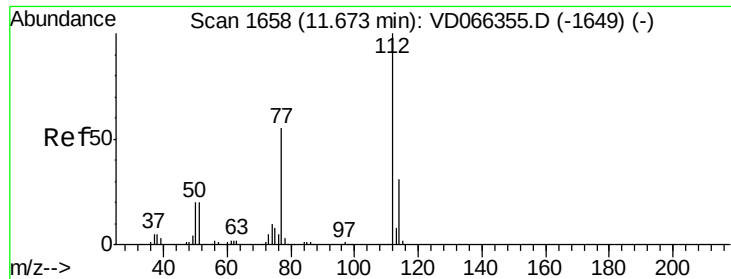
Tgt Ion:117 Resp: 221474
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 34.3 25.8 38.8



#64
Tetrachloroethene
Concen: 20.033 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

Tgt Ion:164 Resp: 33657
Ion Ratio Lower Upper
164 100
166 129.6 96.2 144.4
129 83.8 70.3 105.5
131 75.9 66.4 99.6

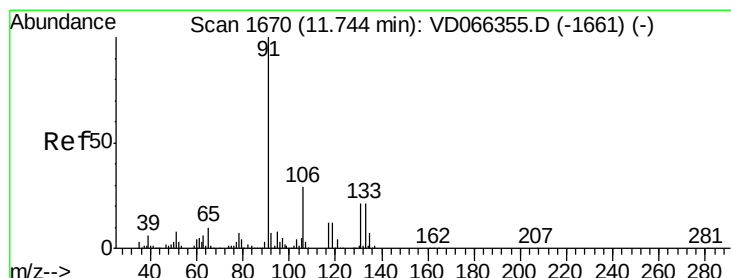
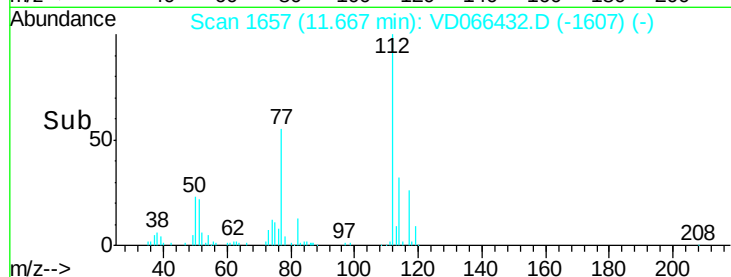
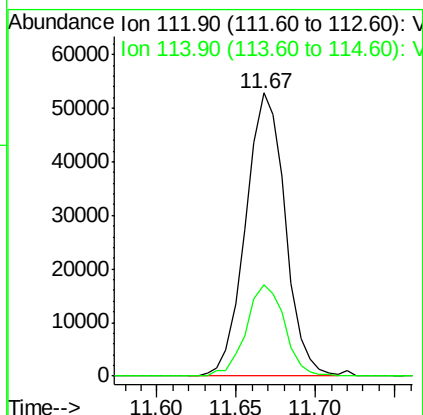
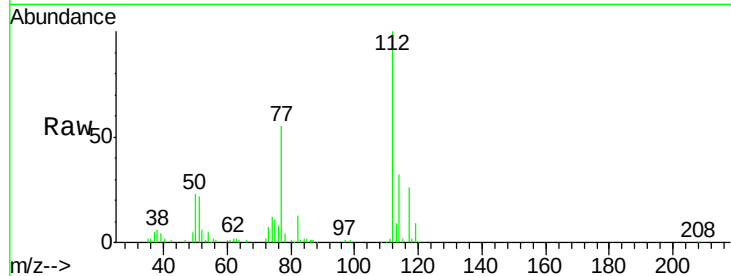




#65
Chlorobenzene
Concen: 20.793 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

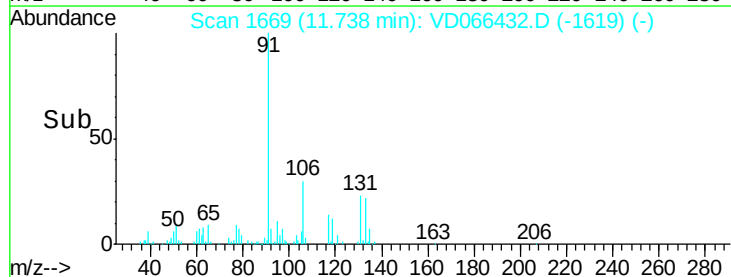
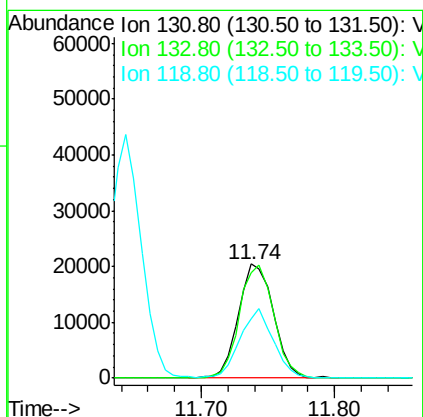
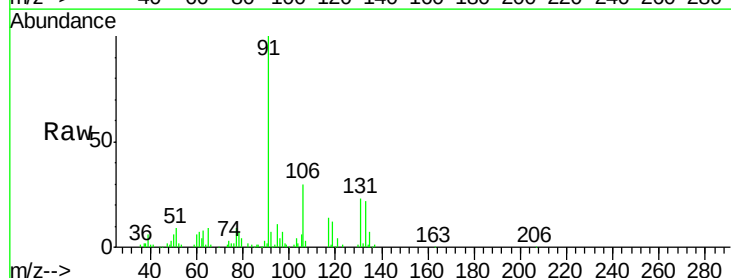
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBSD01

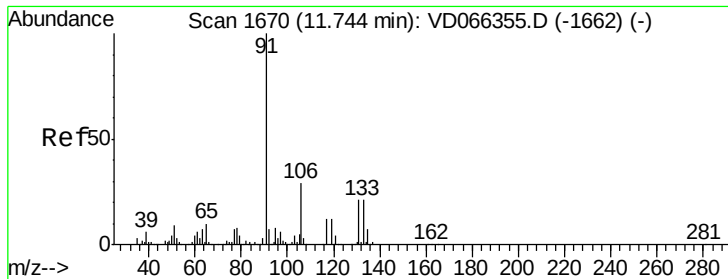
Tgt Ion:112 Resp: 91619
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.659 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

Tgt Ion:131 Resp: 37201
Ion Ratio Lower Upper
131 100
133 97.1 48.6 145.9
119 58.0 29.0 87.1

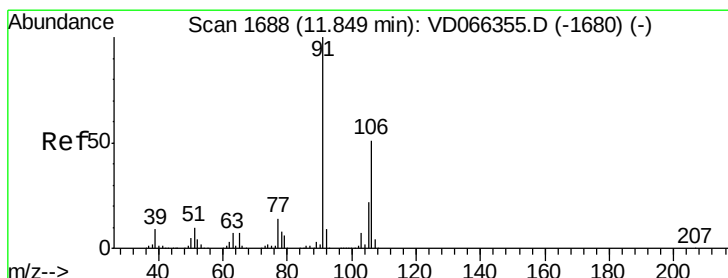
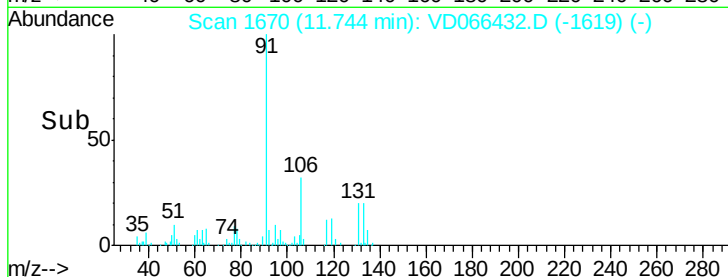
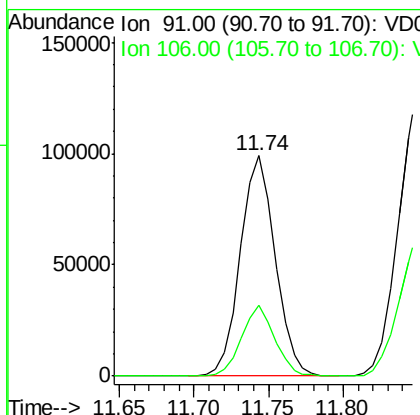
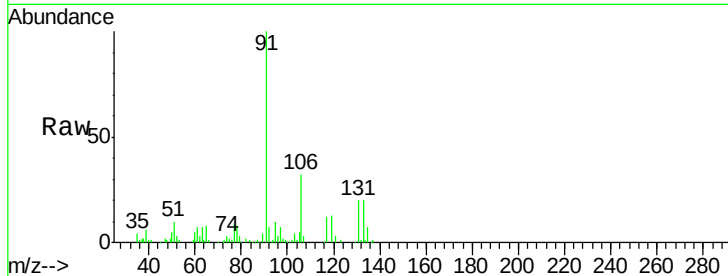




#67
 Ethyl Benzene
 Concen: 20.662 ug/l
 RT: 11.74 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

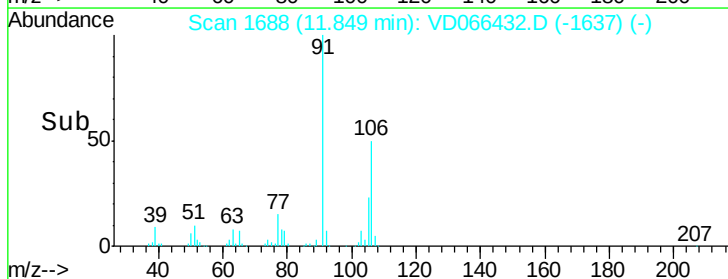
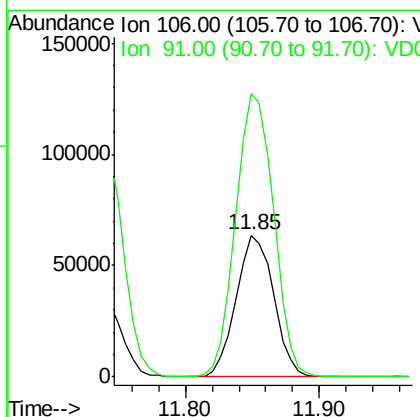
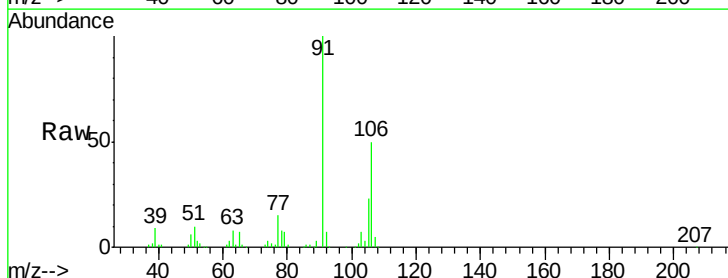
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBSD01

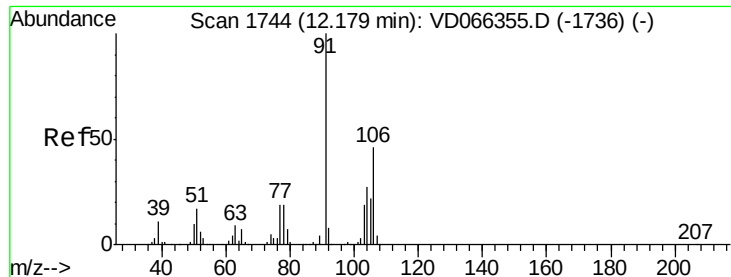
Tgt Ion: 91 Resp: 160255
 Ion Ratio Lower Upper
 91 100
 106 32.3 23.4 35.2



#68
 m/p-Xylenes
 Concen: 41.997 ug/l
 RT: 11.85 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Tgt Ion: 106 Resp: 124154
 Ion Ratio Lower Upper
 106 100
 91 202.7 160.7 241.1

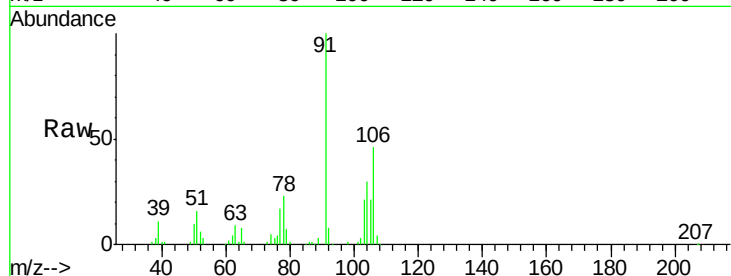




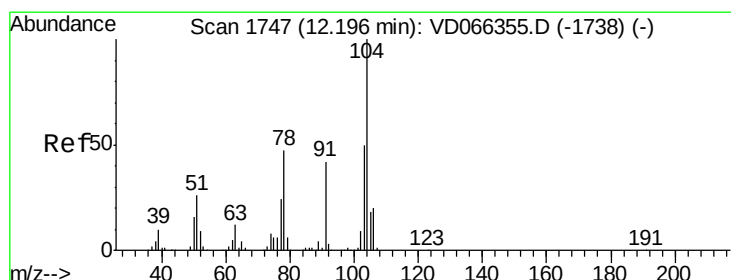
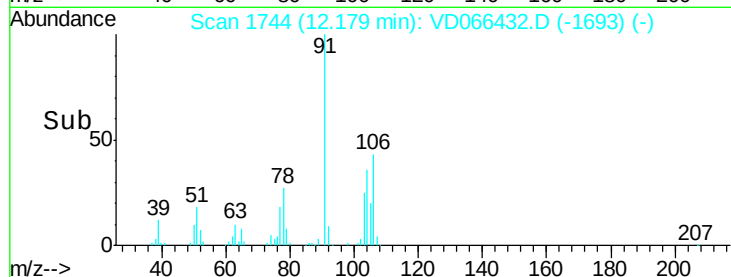
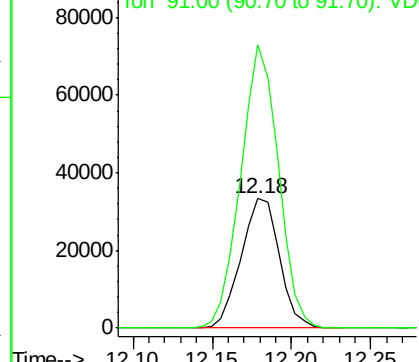
#69
o-Xylene
Concen: 20.487 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

Instrument :
MSVOA_D
ClientSampleId :
VD0827SBSD01

Tgt Ion:106 Resp: 56344
Ion Ratio Lower Upper
106 100
91 213.7 109.1 327.3

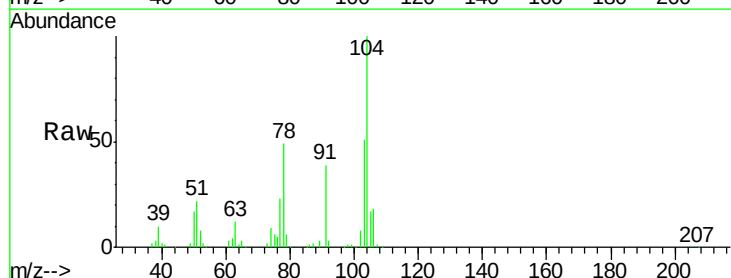


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

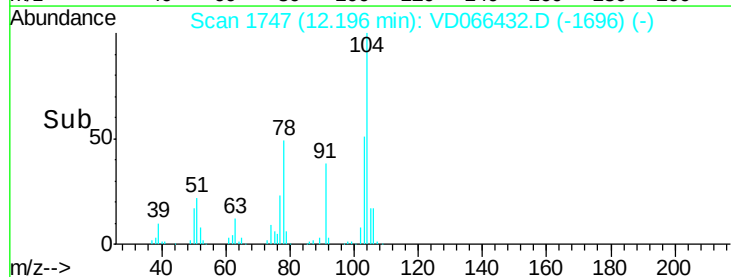
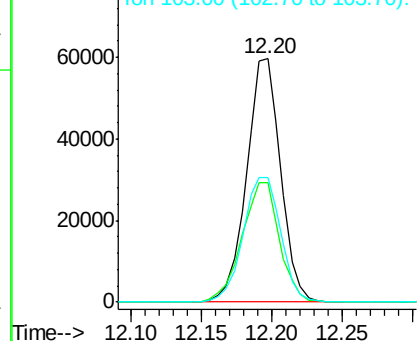


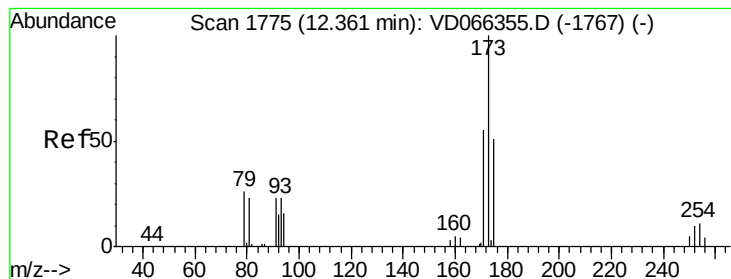
#70
Styrene
Concen: 21.384 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

Tgt Ion:104 Resp: 100982
Ion Ratio Lower Upper
104 100
78 53.9 41.7 62.5
103 56.6 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: 21.112 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBSD01

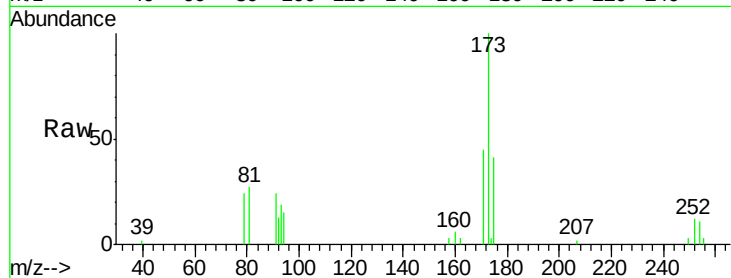
Tgt Ion:173 Resp: 21568

Ion Ratio Lower Upper

173 100

175 48.2 24.8 74.3

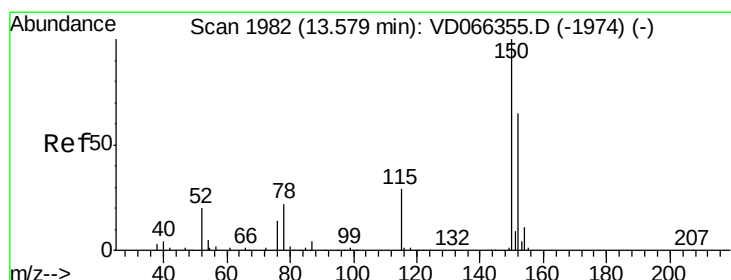
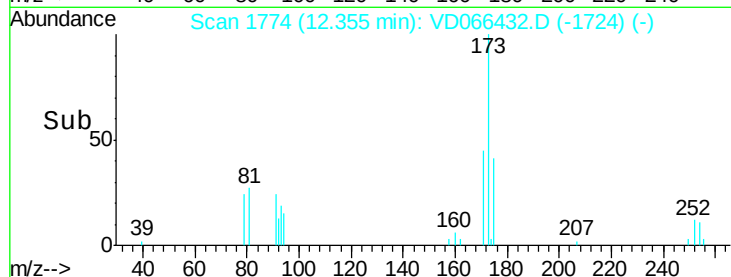
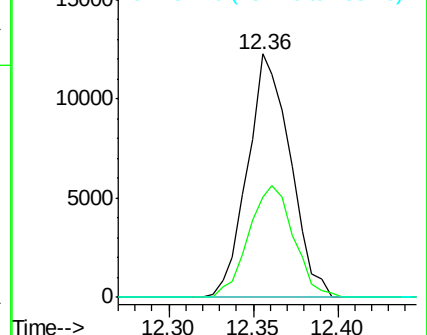
254 0.0 0.0 0.0



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: VD066432.D

Acq: 27 Aug 2020 13:06

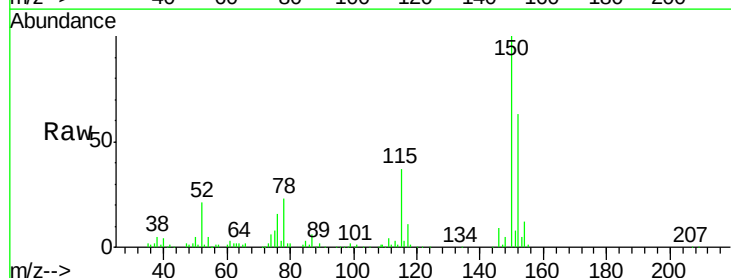
Tgt Ion:152 Resp: 120534

Ion Ratio Lower Upper

152 100

115 59.2 28.3 85.0

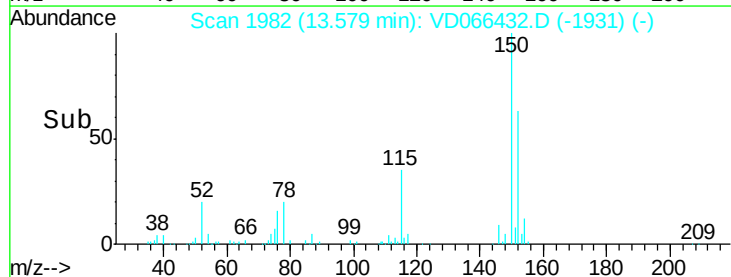
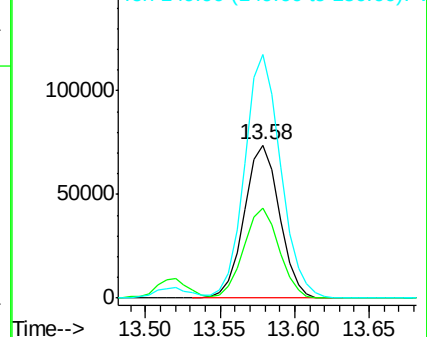
150 163.0 0.0 343.2

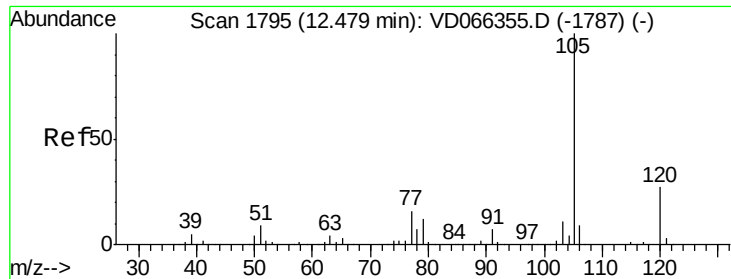


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.785 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

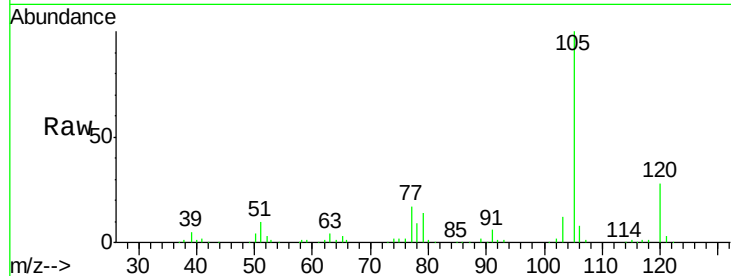
VD0827SBS01

Tgt Ion: 105 Resp: 159757

Ion Ratio Lower Upper

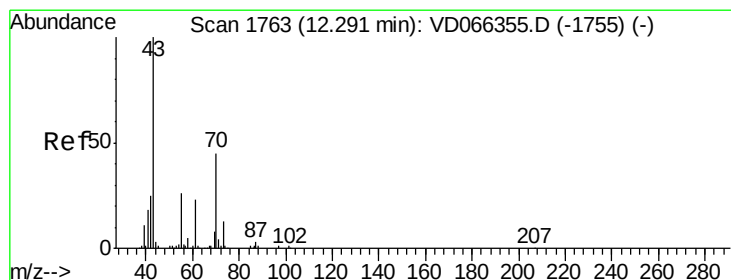
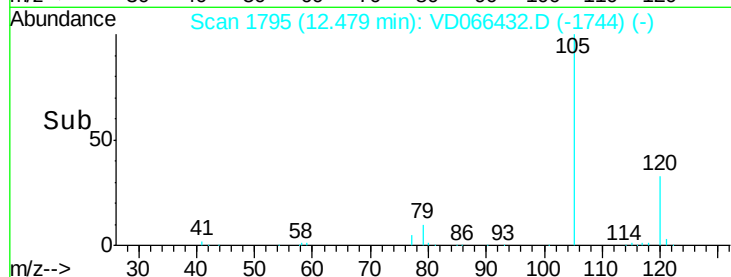
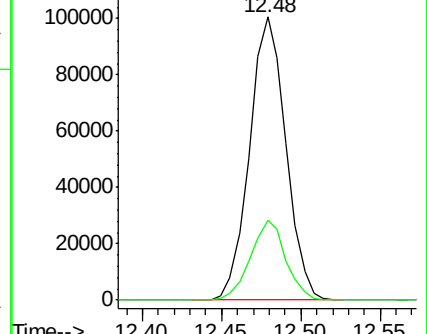
105 100

120 27.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.199 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Tgt Ion: 43 Resp: 26540

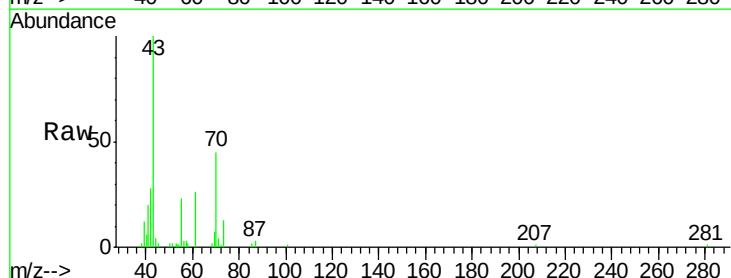
Ion Ratio Lower Upper

43 100

70 46.0 34.8 52.2

55 26.0 20.3 30.5

61 25.2 19.0 28.6

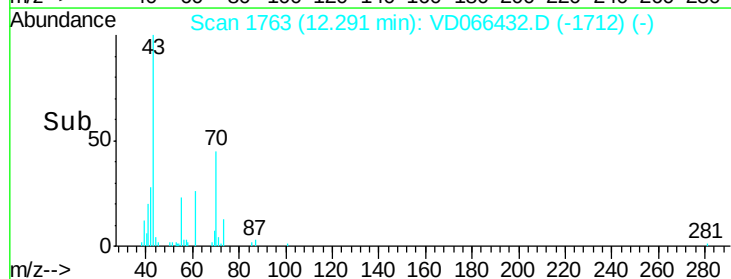
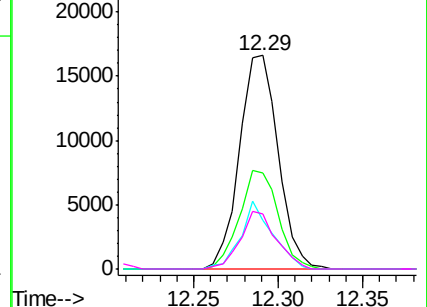


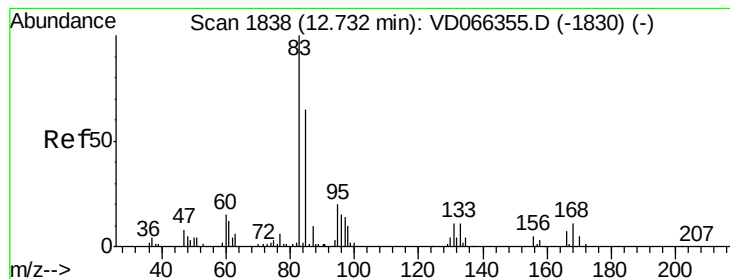
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.850 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBSD01

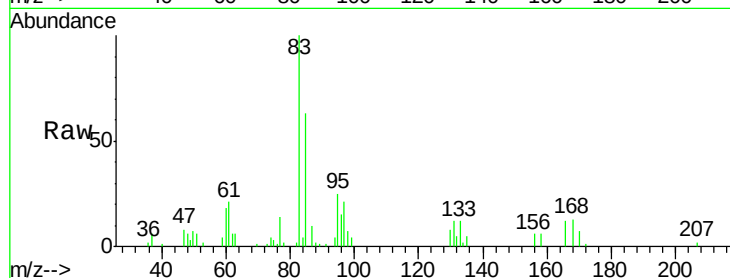
Tgt Ion: 83 Resp: 21743

Ion Ratio Lower Upper

83 100

131 13.7 7.0 20.9

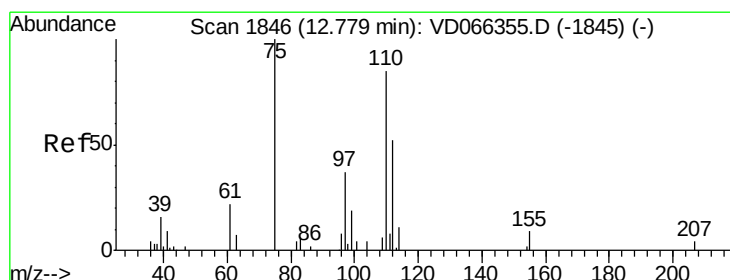
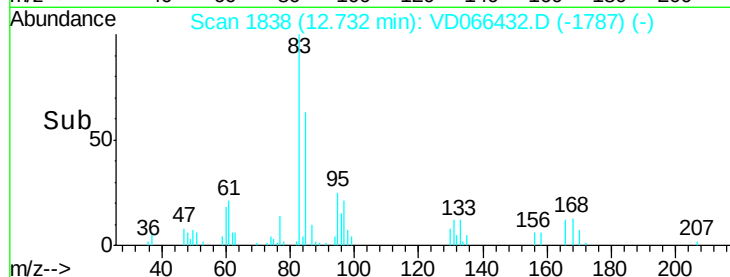
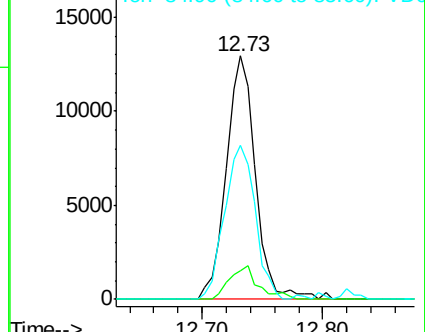
85 66.4 32.4 97.0



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: 39.821 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066432.D

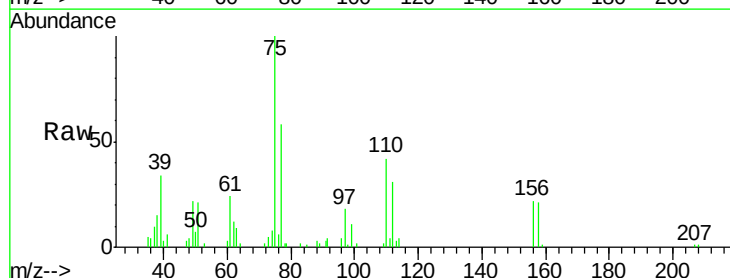
Acq: 27 Aug 2020 13:06

Tgt Ion: 75 Resp: 33767

Ion Ratio Lower Upper

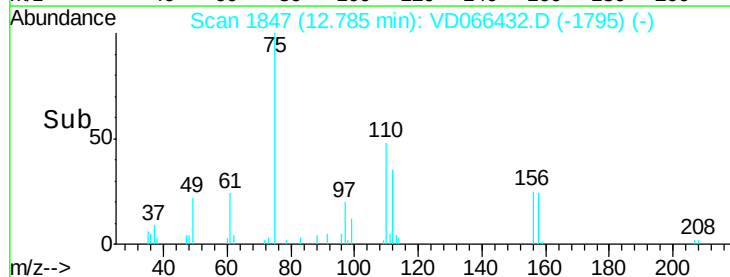
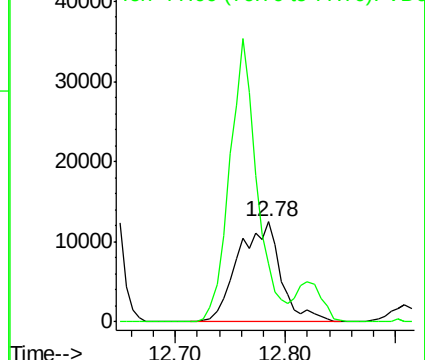
75 100

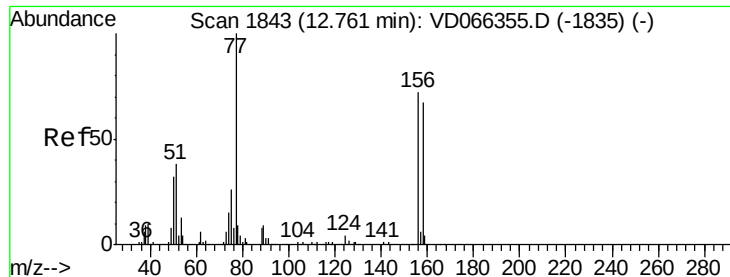
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.963 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBS01

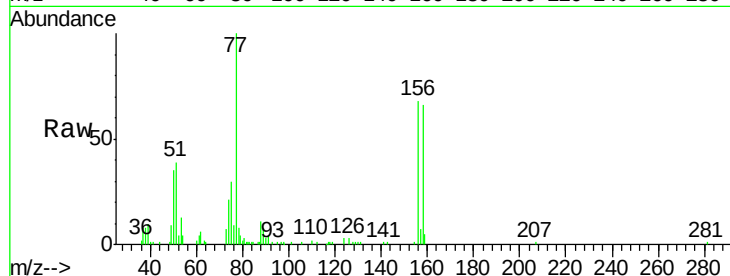
Tgt Ion:156 Resp: 42962

Ion Ratio Lower Upper

156 100

77 143.6 76.1 228.3

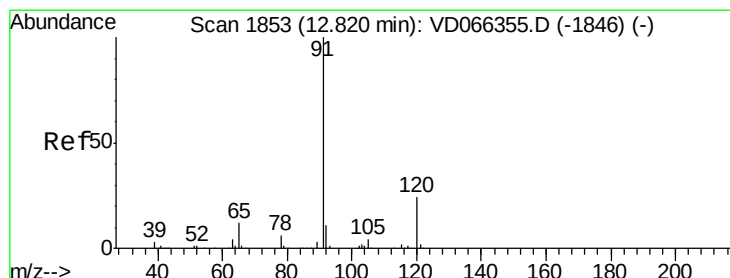
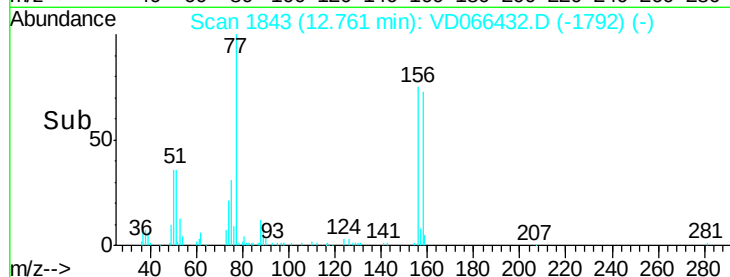
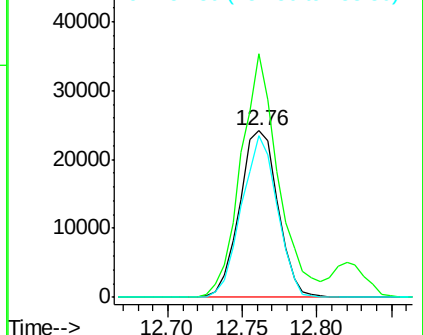
158 90.5 47.6 142.9



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: 19.636 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066432.D

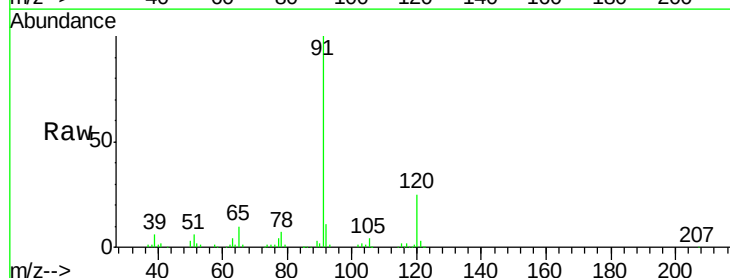
Acq: 27 Aug 2020 13:06

Tgt Ion: 91 Resp: 181790

Ion Ratio Lower Upper

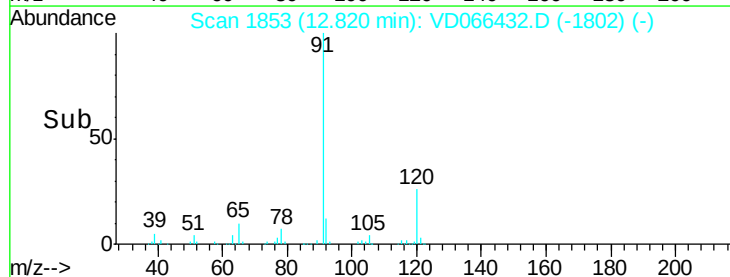
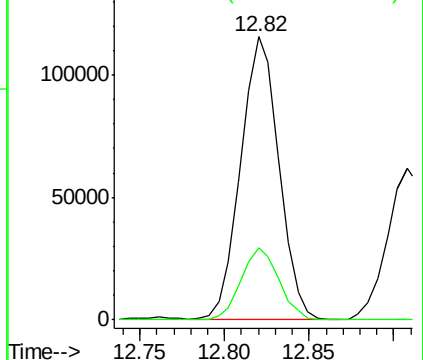
91 100

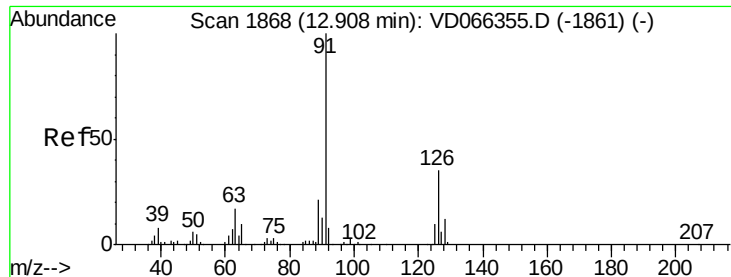
120 25.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.886 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

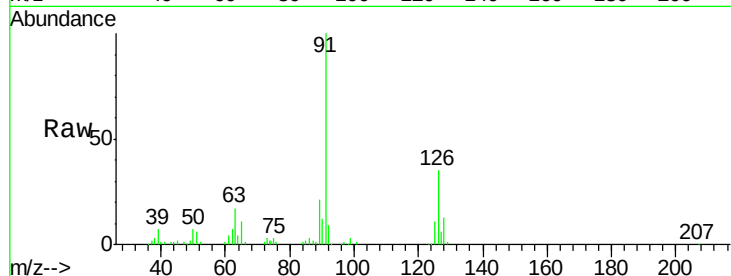
VD0827SBS01

Tgt Ion: 91 Resp: 105153

Ion Ratio Lower Upper

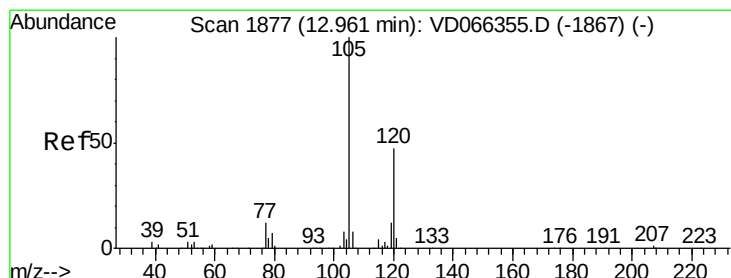
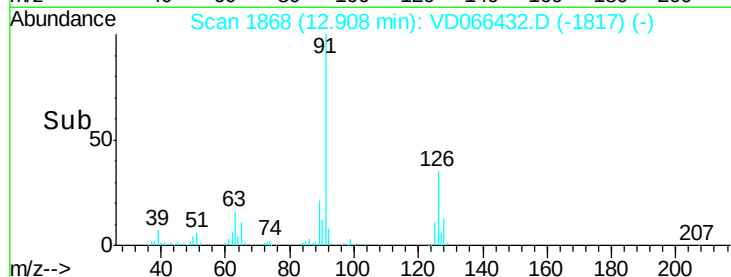
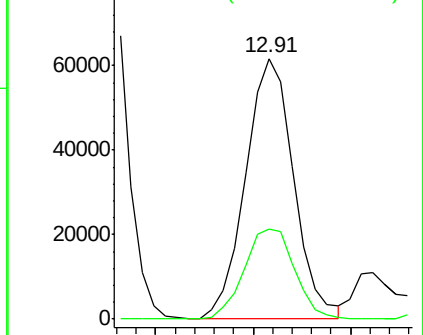
91 100

126 36.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD066432.D (-1817) (-)

Ion 125.90 (125.60 to 126.60): VD066432.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.357 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066432.D

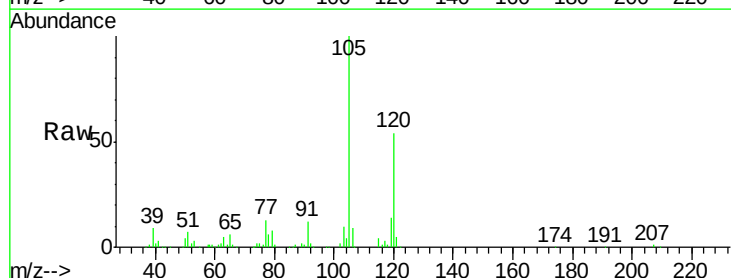
Acq: 27 Aug 2020 13:06

Tgt Ion: 105 Resp: 141920

Ion Ratio Lower Upper

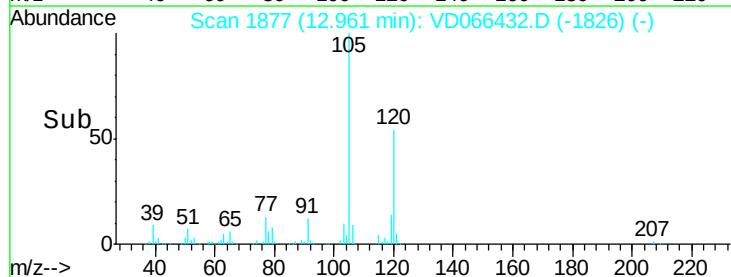
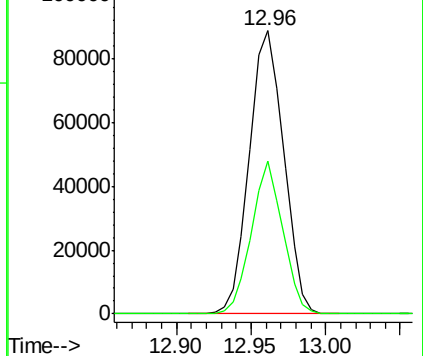
105 100

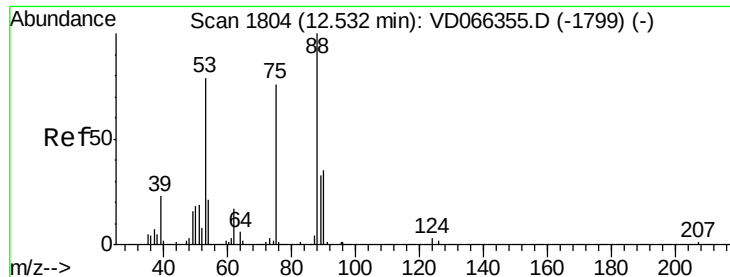
120 48.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066432.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066432.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.296 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

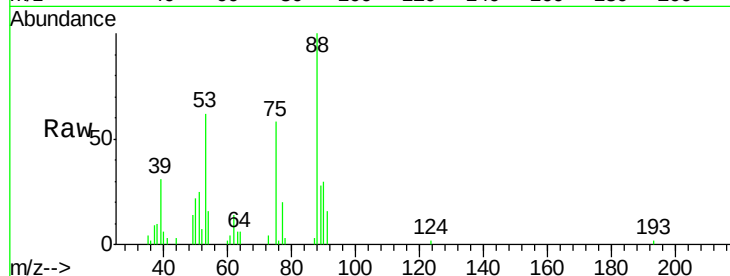
MSVOA_D

ClientSampleId :

VD0827SBS01

Tgt Ion: 75 Resp: 7309

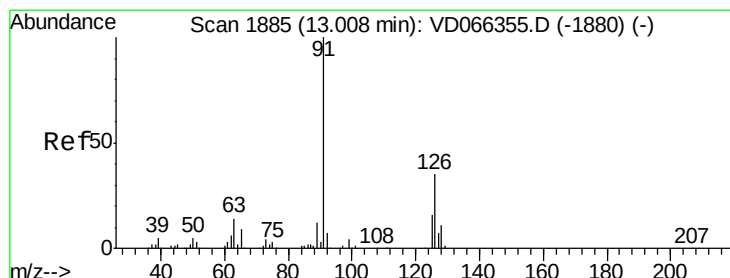
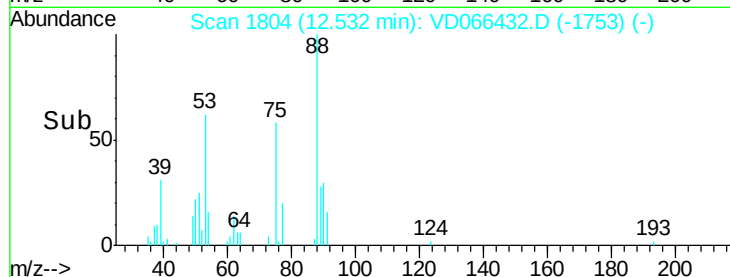
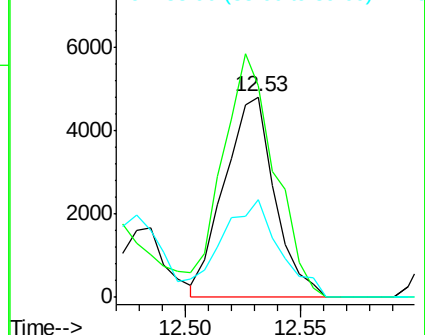
Ion	Ratio	Lower	Upper
75	100		
53	124.8	87.4	131.2
89	55.2	39.4	59.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.291 ug/l

RT: 13.01 min Scan# 1885

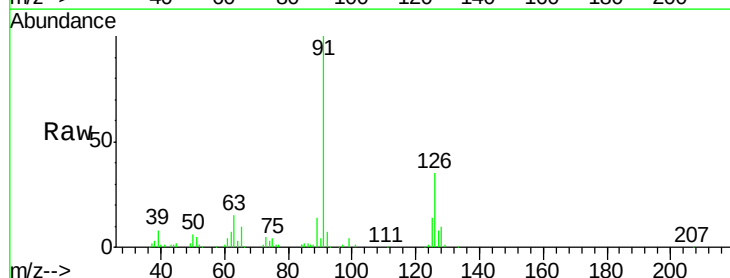
Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

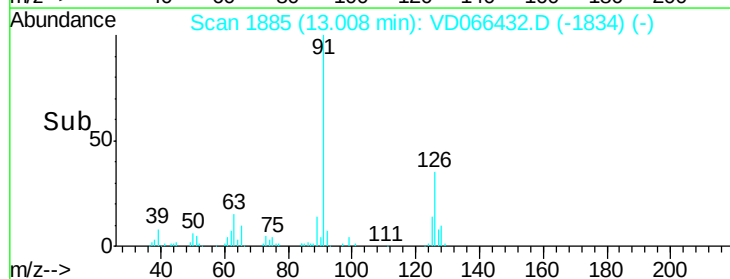
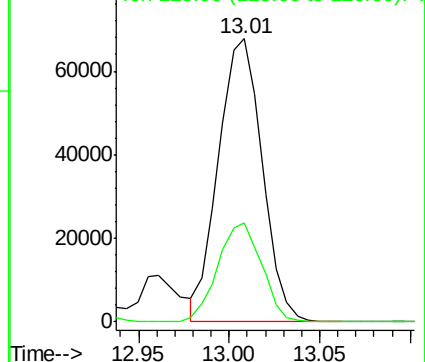
Tgt Ion: 91 Resp: 113672

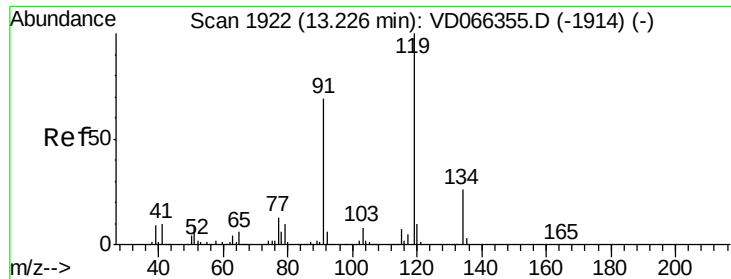
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.4	52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

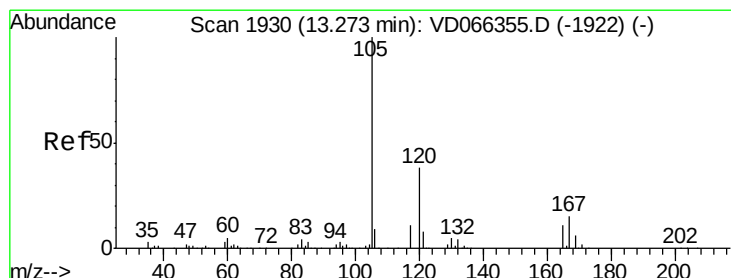
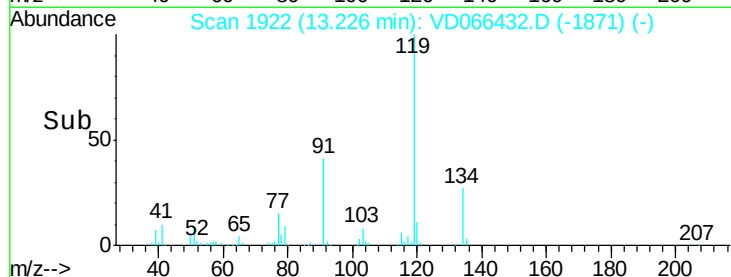
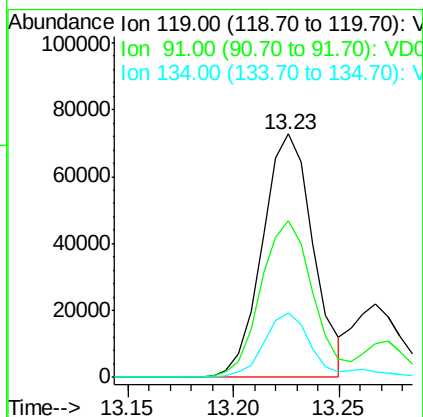
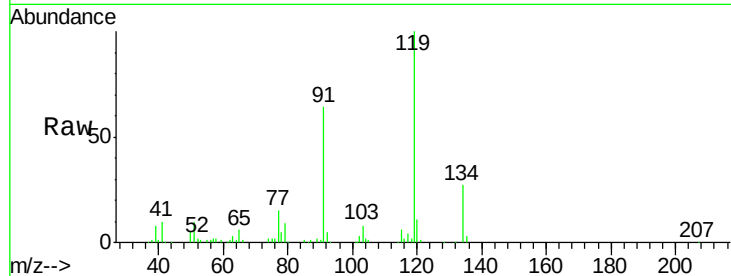




#83
 tert-Butylbenzene
 Concen: 20.118 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

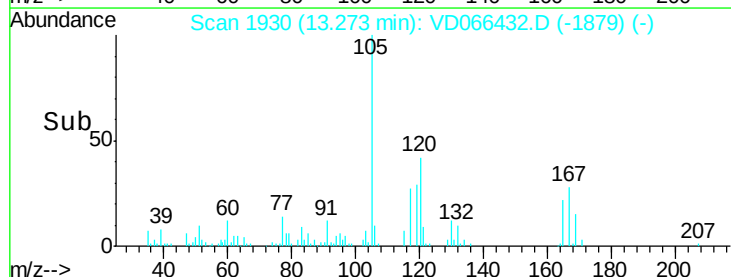
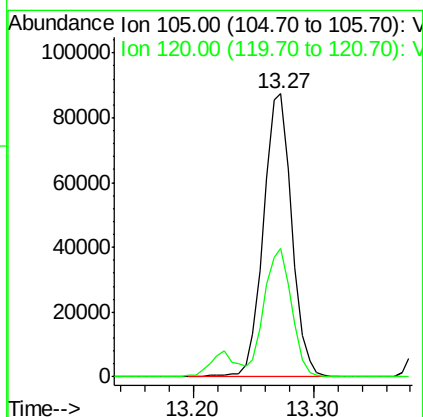
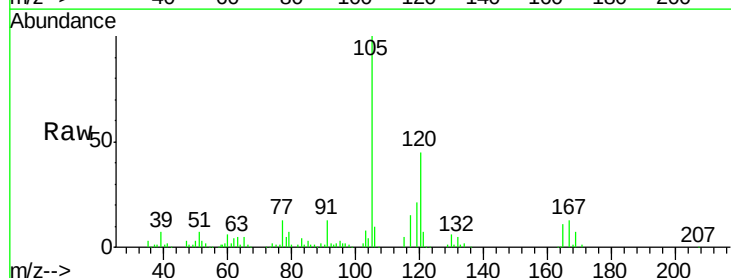
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBSD01

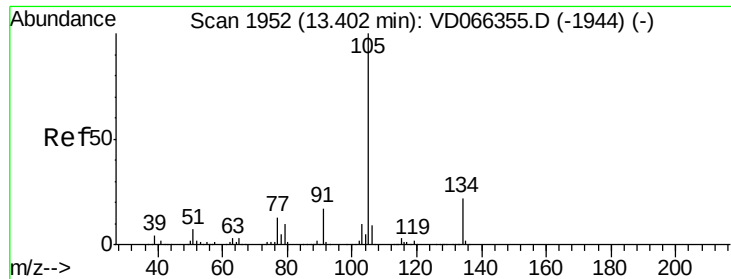
Tgt Ion:119 Resp: 121825
 Ion Ratio Lower Upper
 119 100
 91 66.5 33.5 100.5
 134 24.3 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.890 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Tgt Ion:105 Resp: 143046
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.6 67.7





#85

sec-Butylbenzene

Concen: 19.746 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

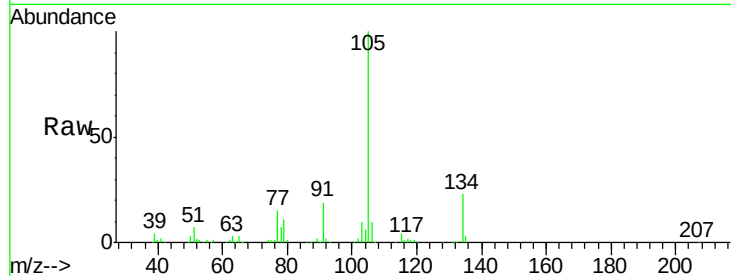
VD0827SBSD01

Tgt Ion:105 Resp: 156666

Ion Ratio Lower Upper

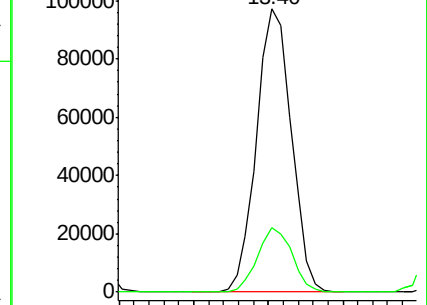
105 100

134 22.5 10.8 32.4

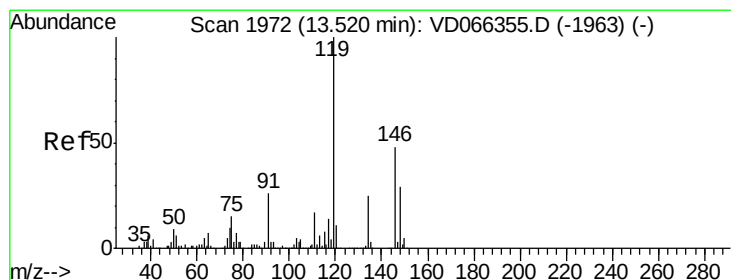
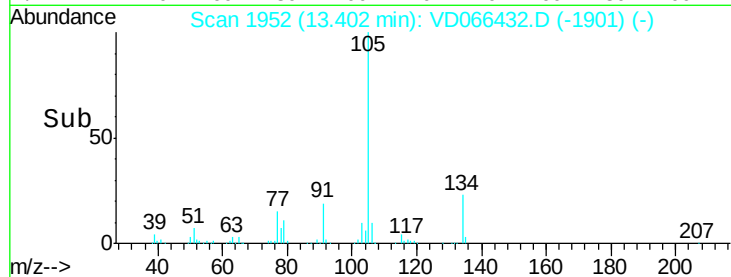


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 20.823 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

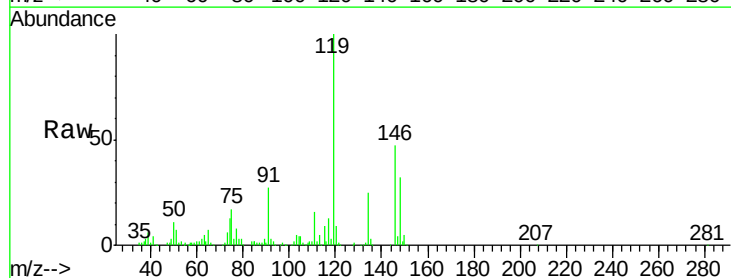
Tgt Ion:119 Resp: 159303

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

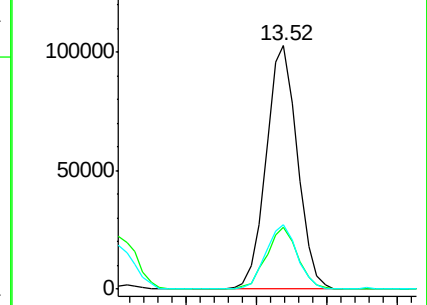
91 26.7 12.7 38.0



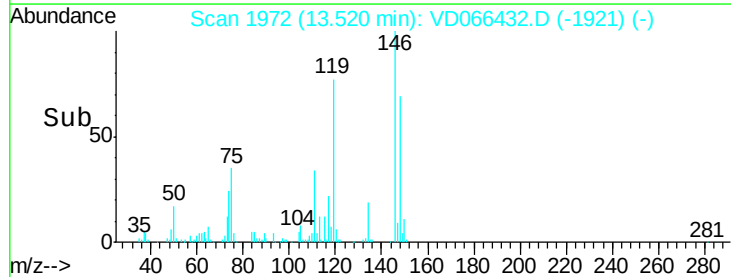
Abundance Ion 119.00 (118.70 to 119.70): V

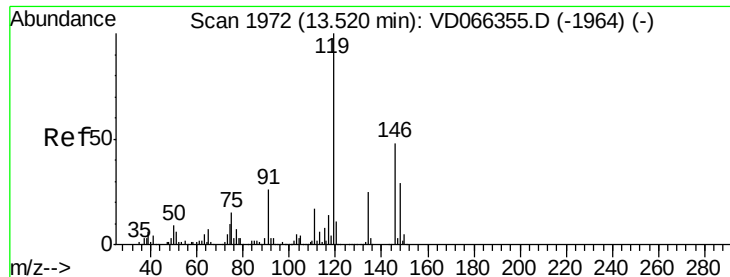
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time--> 13.45 13.50 13.55

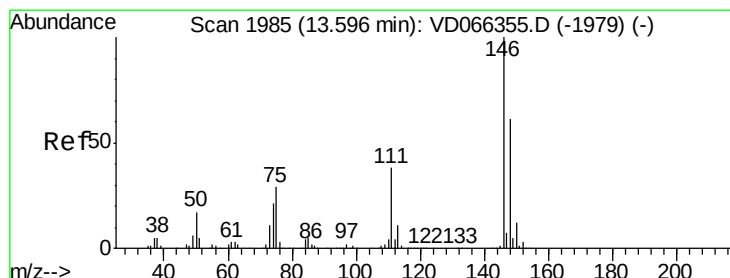
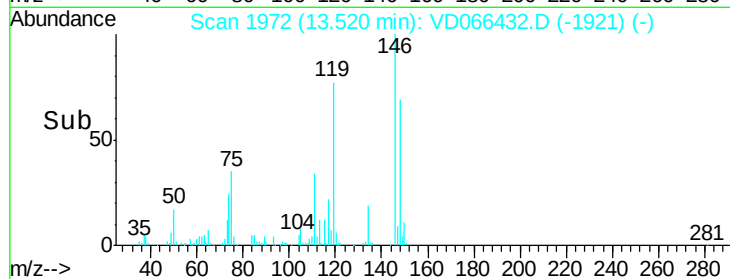
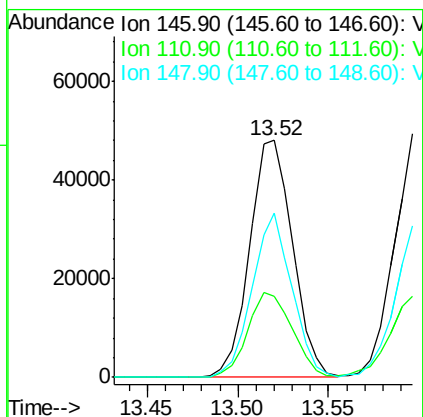
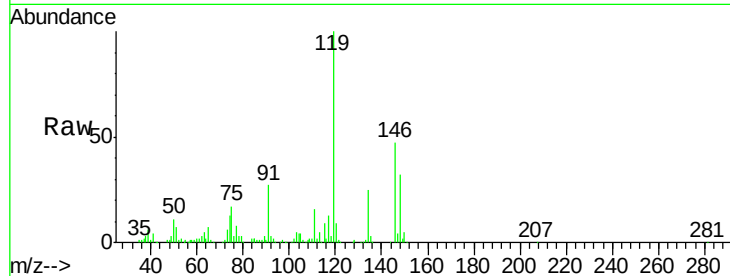




#87
 1,3-Dichlorobenzene
 Concen: 20.672 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

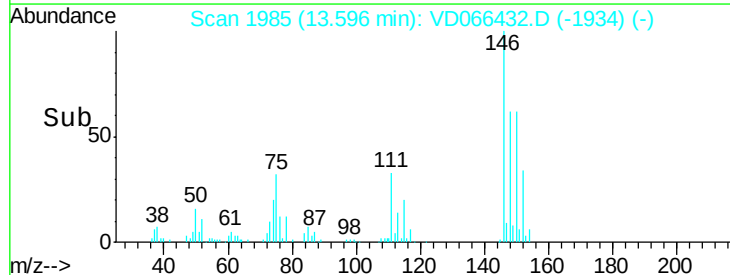
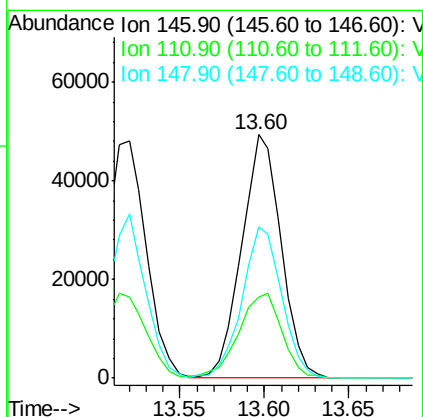
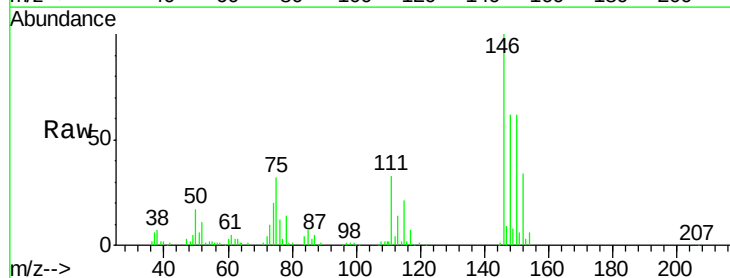
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBSD01

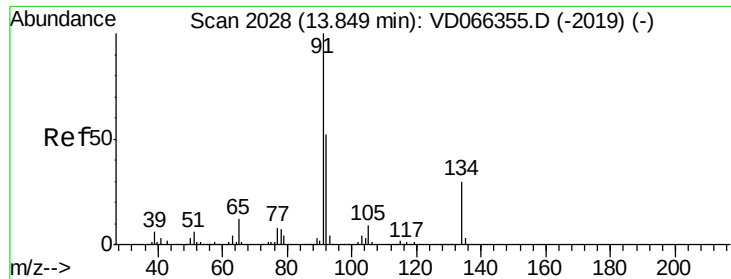
Tgt Ion:146 Resp: 79081
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.9
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.965 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Tgt Ion:146 Resp: 80531
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.5
 148 62.3 32.1 96.3

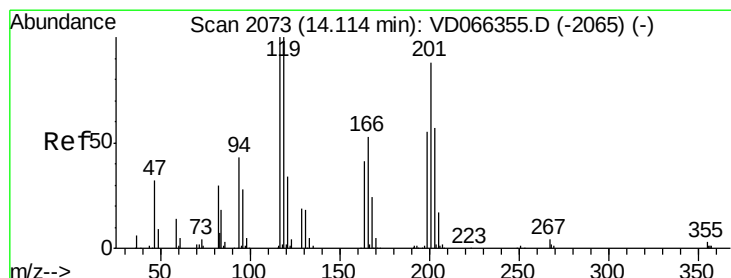
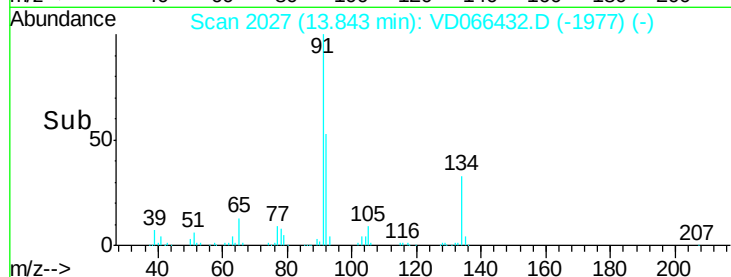
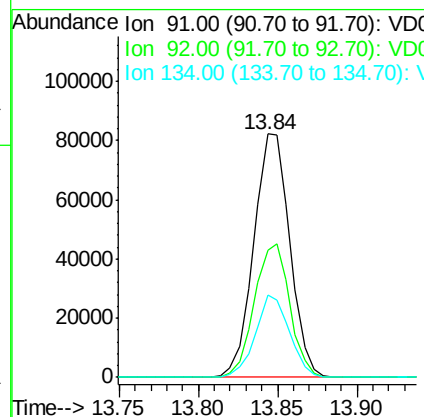
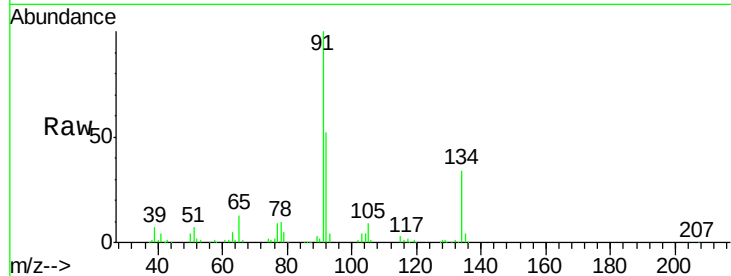




#89
n-Butylbenzene
Concen: 19.288 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

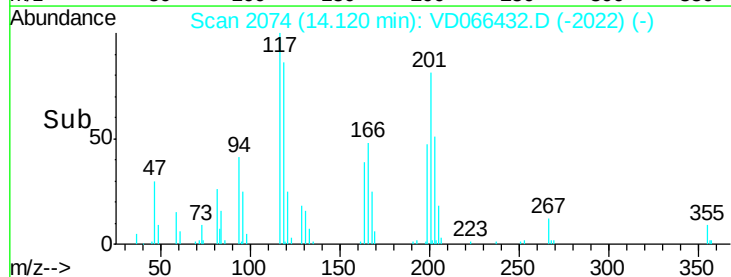
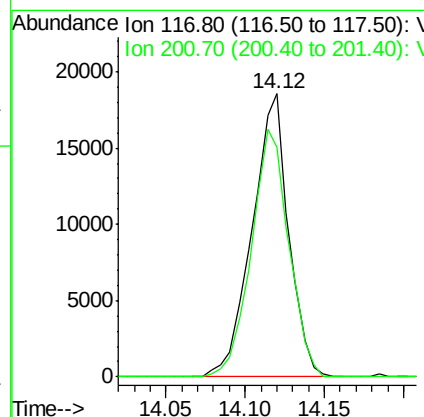
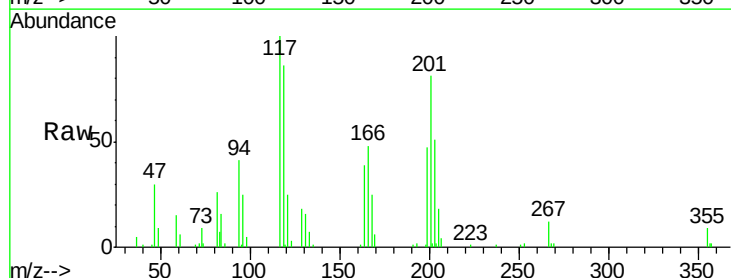
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBSD01

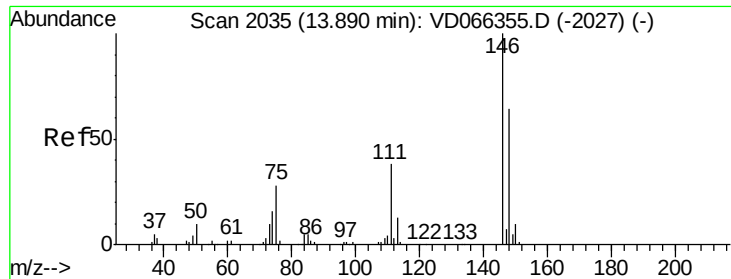
Tgt Ion: 91 Resp: 130209
Ion Ratio Lower Upper
91 100
92 53.8 26.4 79.0
134 31.7 14.4 43.4



#90
Hexachloroethane
Concen: 19.709 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD066432.D
Acq: 27 Aug 2020 13:06

Tgt Ion: 117 Resp: 29784
Ion Ratio Lower Upper
117 100
201 89.1 45.4 136.2

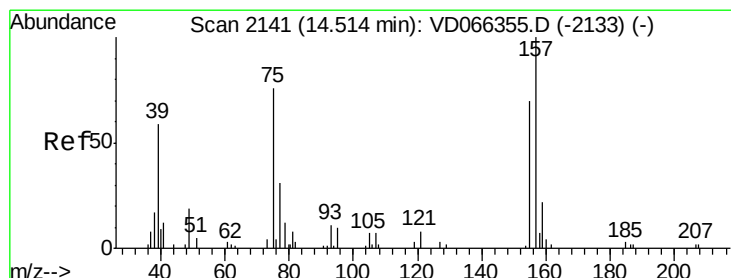
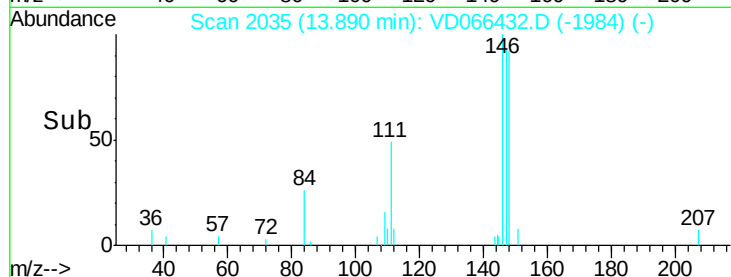
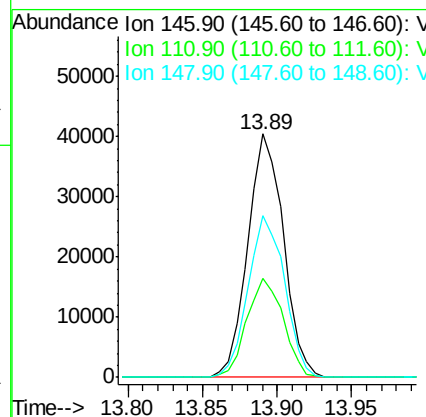
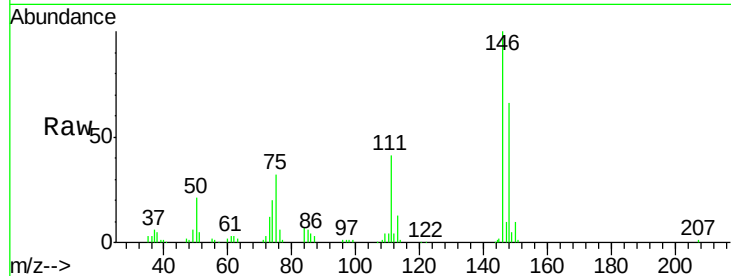




#91
 1,2-Dichlorobenzene
 Concen: 20.281 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

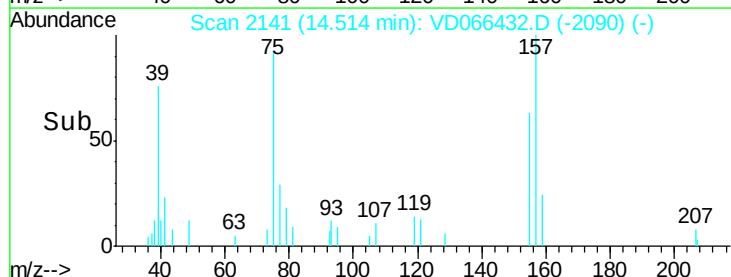
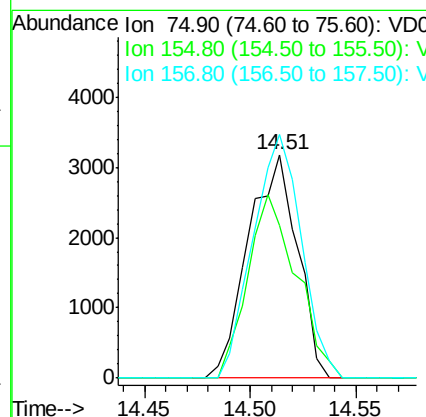
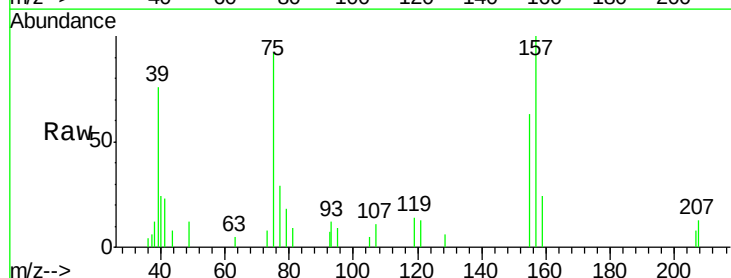
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBSD01

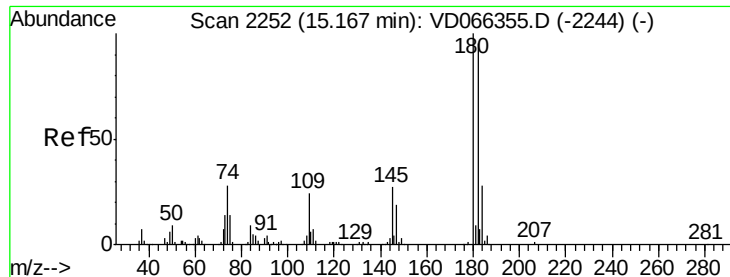
Tgt Ion: 146 Resp: 66791
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.9 59.7
 148 67.8 32.6 97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.184 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066432.D
 Acq: 27 Aug 2020 13:06

Tgt Ion: 75 Resp: 5125
 Ion Ratio Lower Upper
 75 100
 155 81.6 46.9 140.6
 157 107.4 61.0 183.0





#93

1,2,4-Trichlorobenzene

Concen: 20.904 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBSD01

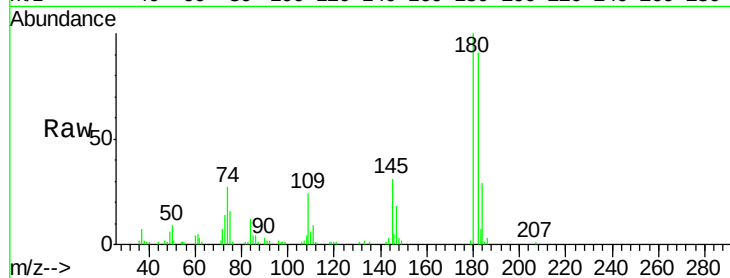
Tgt Ion:180 Resp: 53746

Ion Ratio Lower Upper

180 100

182 93.8 48.0 144.0

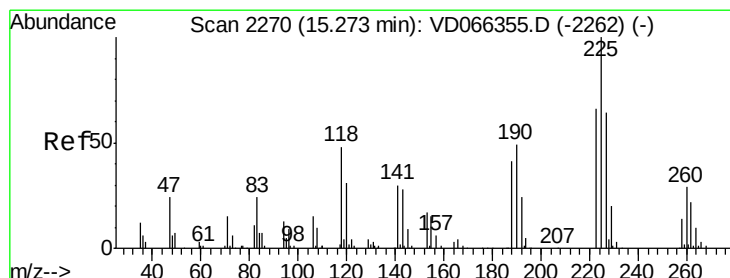
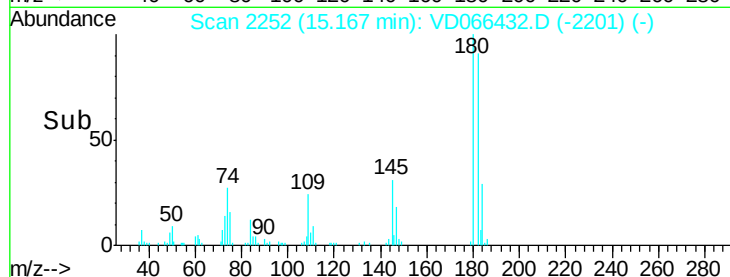
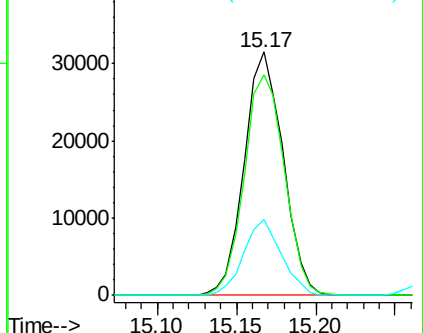
145 30.2 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.595 ug/l

RT: 15.27 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

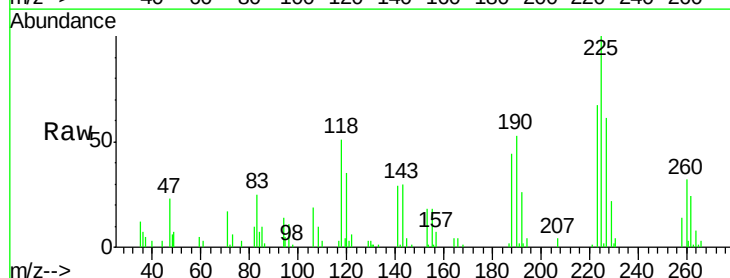
Tgt Ion:225 Resp: 32906

Ion Ratio Lower Upper

225 100

223 67.6 32.5 97.4

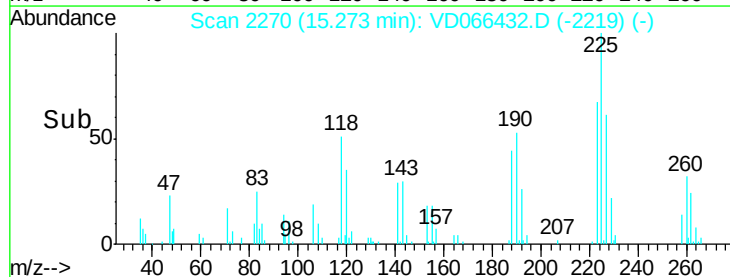
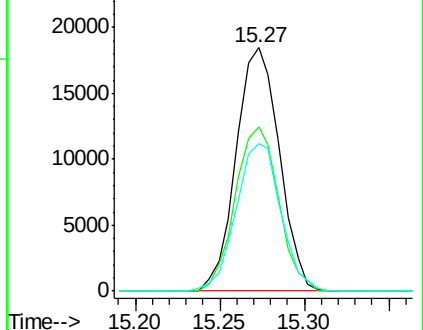
227 62.7 33.0 98.9

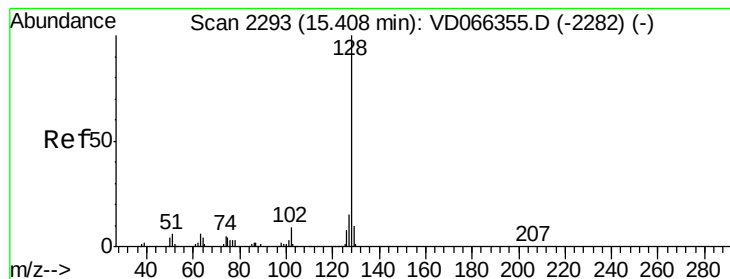


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.328 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0827SBSD01

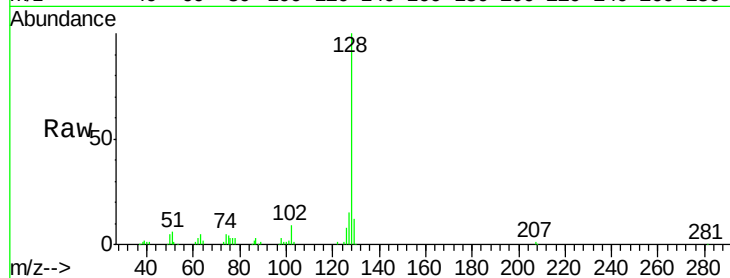
Tgt Ion:128 Resp: 82087

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

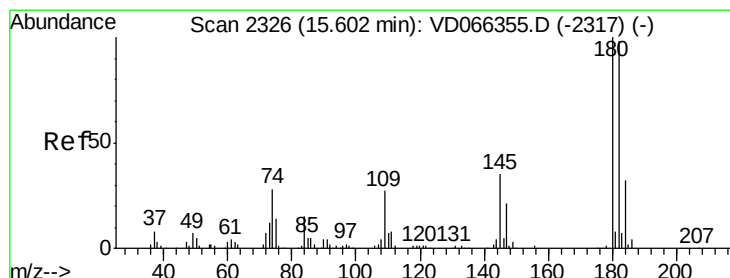
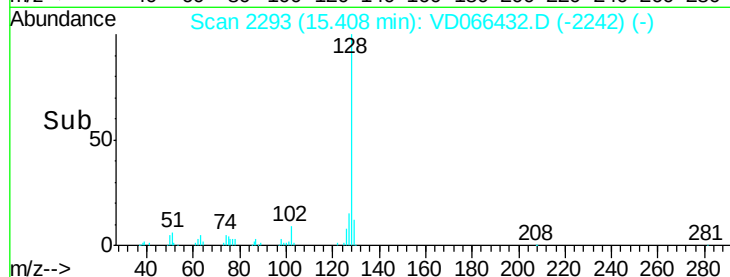
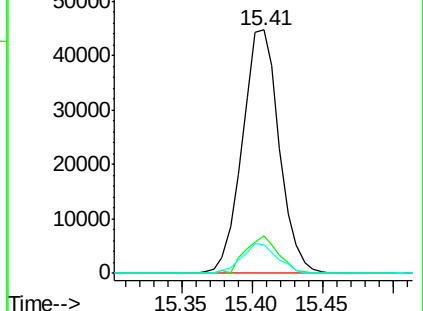
129 11.8 8.6 12.8



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: 20.364 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066432.D

Acq: 27 Aug 2020 13:06

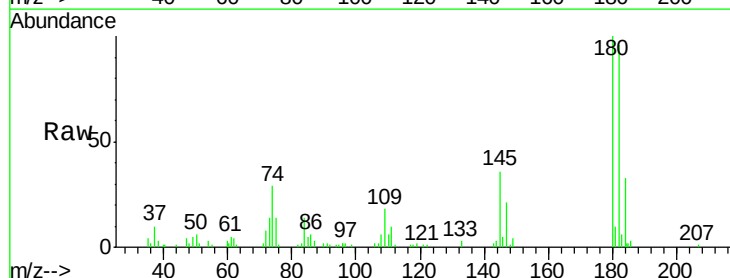
Tgt Ion:180 Resp: 44851

Ion Ratio Lower Upper

180 100

182 97.1 46.7 140.0

145 33.5 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

