

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063944.D
 Acq On : 11 Oct 2019 18:33
 Operator : VA/SY
 Sample : K5325-10
 Misc : 5.78G/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-I

Quant Time: Oct 12 01:38:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.87	168	66	50.00	ug/l	-0.12
34) 1,4-Difluorobenzene	8.92	114	76	50.00	ug/l	0.05
63) Chlorobenzene-d5	11.88	117	91	50.00	ug/l	0.24
72) 1,4-Dichlorobenzene-d4	13.58	152	58	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	63	98.05	ug/l	-0.32
Spiked Amount	50.000		Recovery	=	196.10%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.35	98	83	44.03	ug/l	0.01
Spiked Amount	50.000		Recovery	=	88.06%	
62) 4-Bromofluorobenzene	12.72	95	95	145.02	ug/l	0.09
Spiked Amount	50.000		Recovery	=	290.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	56	119.644	ug/l #	47
3) Chloromethane	2.14	50	60	47.212	ug/l #	40
4) Vinyl Chloride	2.21	62	111	73.375	ug/l #	43
6) Chloroethane	2.87	64	58	57.974	ug/l #	46
8) Diethyl Ether	3.49	74	132	411.175	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	3.88	101	73	131.854	ug/l #	16
11) Tert butyl alcohol	5.05	59	202	4666.784	ug/l #	71
13) Acrolein	3.79	56	59	1028.062	ug/l #	64
14) Allyl chloride	4.63	41	68	73.943	ug/l #	1
15) Acrylonitrile	5.27	53	66	466.308	ug/l #	53
16) Acetone	4.09	43	142	848.809	ug/l #	42
17) Carbon Disulfide	4.13	76	58	28.846	ug/l #	79
18) Methyl Acetate	4.69	43	126	385.078	ug/l #	49
19) Methyl tert-butyl Ether	5.34	73	56	39.097	ug/l #	53
20) Methylene Chloride	4.76	84	114	160.211	ug/l #	7
22) Diisopropyl ether	6.29	45	83	44.192	ug/l #	38
23) Vinyl Acetate	6.23	43	179	160.209	ug/l #	71
24) 1,1-Dichloroethane	6.13	63	59	51.000	ug/l #	82
25) 2-Butanone	7.06	43	59	297.588	ug/l #	51
26) 2,2-Dichloropropane	6.93	77	58	55.423	ug/l #	53
28) Bromochloromethane	7.54	49	196	430.879	ug/l #	10
29) Tetrahydrofuran	7.52	42	67	578.979	ug/l #	31
30) Chloroform	7.54	83	98	77.994	ug/l #	20
31) Cyclohexane	7.79	56	79	85.423	ug/l #	12
36) 1,1-Dichloropropene	8.21	75	59	84.906	ug/l #	41
37) Ethyl Acetate	7.35	43	322	1251.449	ug/l #	85
39) Methylcyclohexane	9.24	83	67	78.418	ug/l #	18
40) Benzene	8.40	78	56	28.122	ug/l #	52
41) Methacrylonitrile	7.56	41	113	701.396	ug/l #	25
43) Isopropyl Acetate	8.50	43	97	166.450	ug/l #	49
45) 1,2-Dichloropropane	9.26	63	127	260.560	ug/l #	41
47) Bromodichloromethane	9.73	83	64	89.551	ug/l #	26
48) Methyl methacrylate	9.50	41	246	881.033	ug/l #	40
49) 1,4-Dioxane	9.58	88	137	36156.964	ug/l #	24

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 ALS Vial : 19 Sample Multiplier: 1

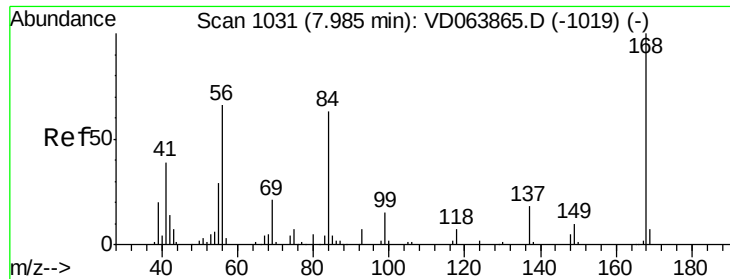
Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-I

Quant Time: Oct 12 01:38:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

51) 4-Methyl-2-Pentanone	10.26	43	72	238.229	ug/l #	28
53) t-1,3-Dichloropropene	10.63	75	57	81.732	ug/l #	46
54) cis-1,3-Dichloropropene	10.15	75	62	77.232	ug/l #	27
55) 1,1,2-Trichloroethane	10.83	97	74	188.805	ug/l #	14
56) Ethyl methacrylate	10.81	69	83	167.226	ug/l #	1
57) 1,3-Dichloropropane	11.08	76	70	104.385	ug/l #	41
58) 2-Chloroethyl Vinyl ether	10.06	63	61	285.924	ug/l #	1
59) 2-Hexanone	10.77	43	170	777.588	ug/l	84
61) 1,2-Dibromoethane	11.11	107	135	355.291	ug/l #	3
64) Tetrachloroethene	10.96	164	116	186.725	ug/l #	1
65) Chlorobenzene	11.53	112	77	42.133	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.78	131	67	99.495	ug/l #	8
67) Ethyl Benzene	11.68	91	59	17.904	ug/l #	44
68) m/p-Xylenes	11.58	106	63	49.530	ug/l #	1
69) o-Xylene	12.30	106	65	53.369	ug/l #	1
70) Styrene	12.16	104	57	27.646	ug/l #	27
71) Bromoform	12.23	173	54	149.421	ug/l #	28
74) N-amyl acetate	12.29	43	59	70.282	ug/l #	41
76) 1,2,3-Trichloropropane	12.63	75	87	223.957	ug/l #	100
77) Bromobenzene	12.80	156	59	60.736	ug/l #	1
78) n-propylbenzene	12.83	91	58	12.673	ug/l #	51
79) 2-Chlorotoluene	12.83	91	58	22.983	ug/l #	38
81) trans-1,4-Dichloro-2-buten	12.49	75	82	373.537	ug/l #	12
82) 4-Chlorotoluene	13.07	91	57	21.292	ug/l #	1
83) tert-Butylbenzene	13.28	119	54	18.653	ug/l #	34
85) sec-Butylbenzene	13.61	105	71	18.160	ug/l #	55
86) p-Isopropyltoluene	13.28	119	54	14.596	ug/l #	1
87) 1,3-Dichlorobenzene	13.68	146	88	45.847	ug/l #	26
88) 1,4-Dichlorobenzene	13.68	146	88	46.473	ug/l #	25
89) n-Butylbenzene	13.89	91	72	20.908	ug/l #	32
90) Hexachloroethane	14.10	117	58	87.168	ug/l #	9
91) 1,2-Dichlorobenzene	13.68	146	88	53.200	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	14.60	75	58	576.050	ug/l #	1
95) Naphthalene	15.18	128	73	34.029	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.46	180	68	61.750	ug/l #	13

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.87 min Scan# 1011

Delta R.T. -0.12 min

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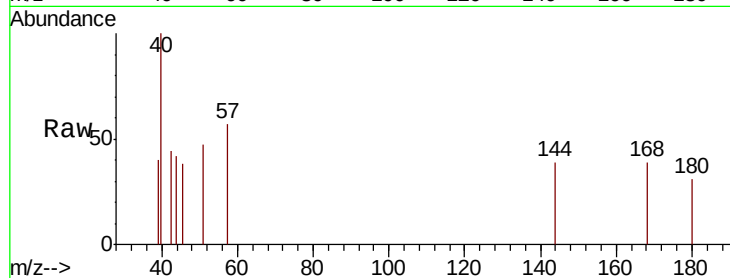
10-10-I

Tot Ion:168 Resp: 66

Ion Ratio Lower Upper

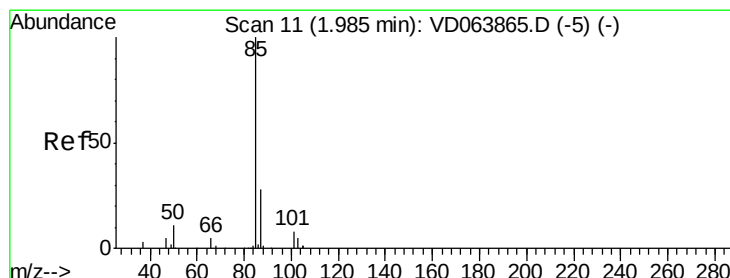
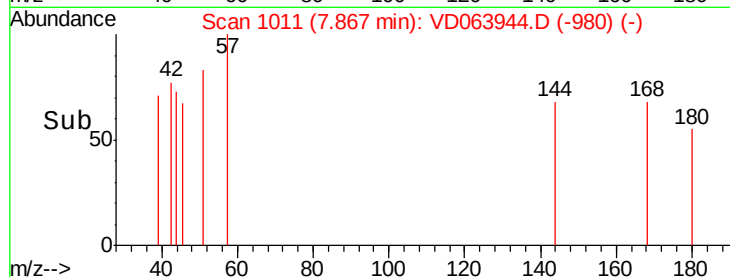
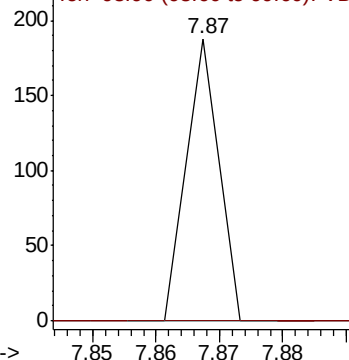
168 100

99 0.0 43.0 64.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 119.644 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD063944.D

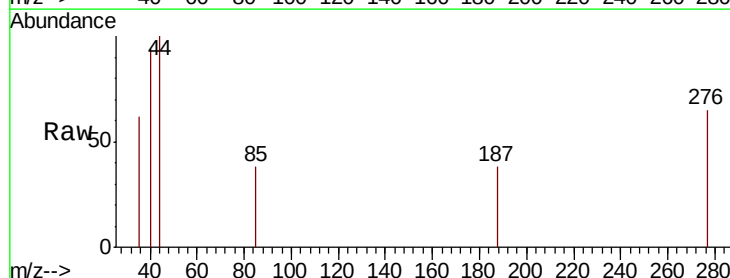
Acq: 11 Oct 2019 18:33

Tgt Ion: 85 Resp: 56

Ion Ratio Lower Upper

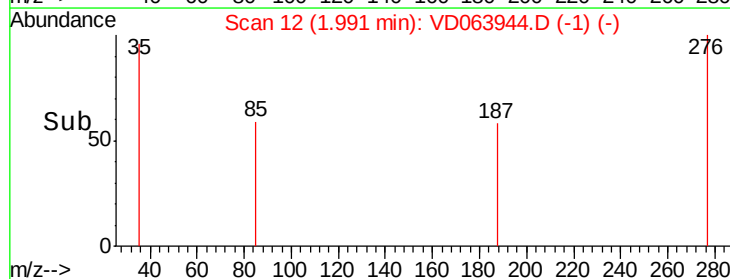
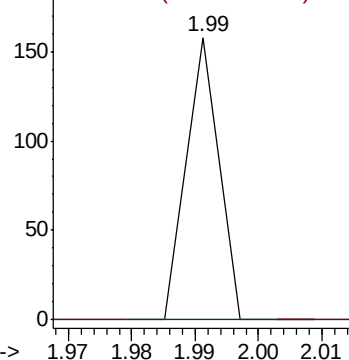
85 100

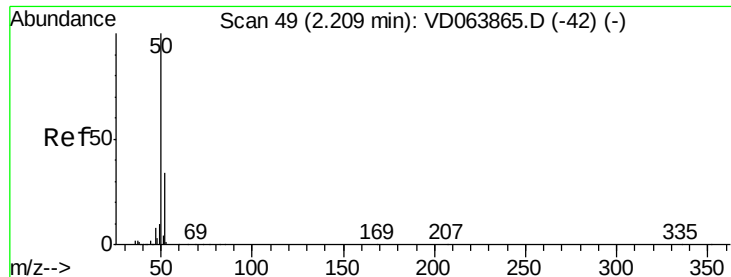
87 0.0 14.0 42.0#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

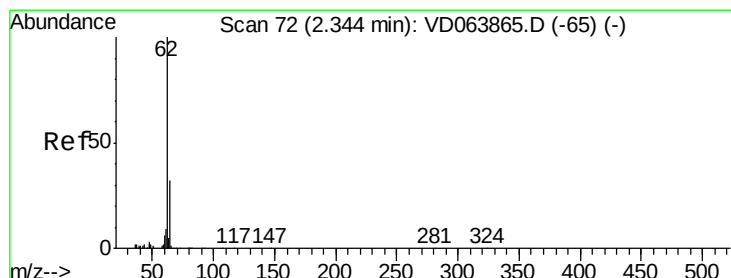
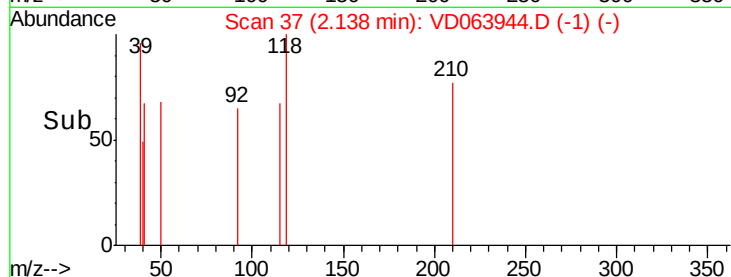
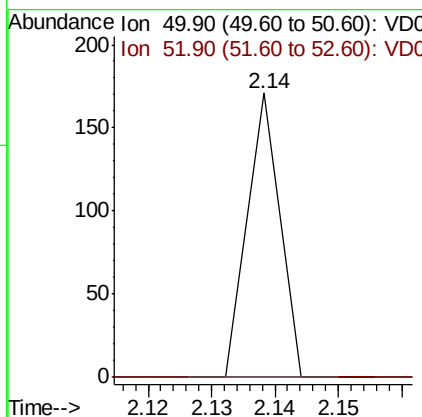
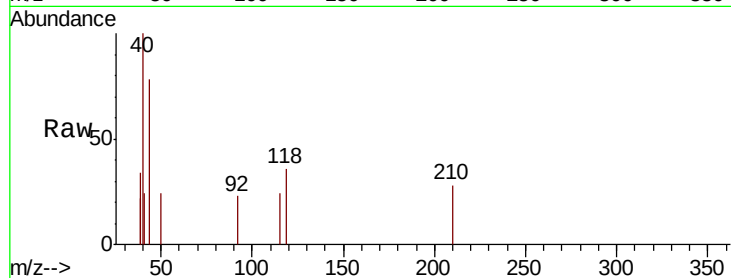




#3
Chloromethane
Concen: 47.212 ug/l
RT: 2.14 min Scan# 37
Delta R.T. -0.07 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

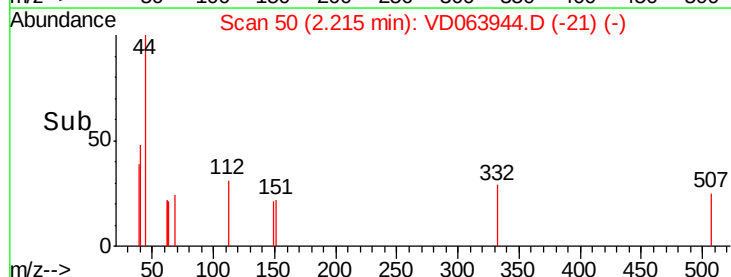
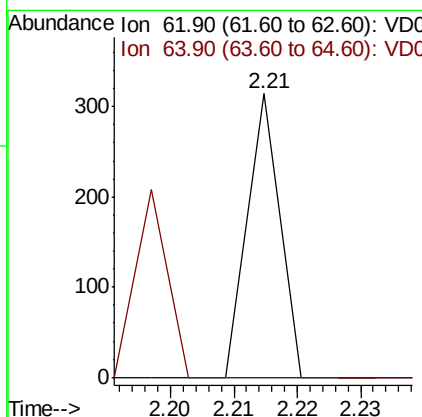
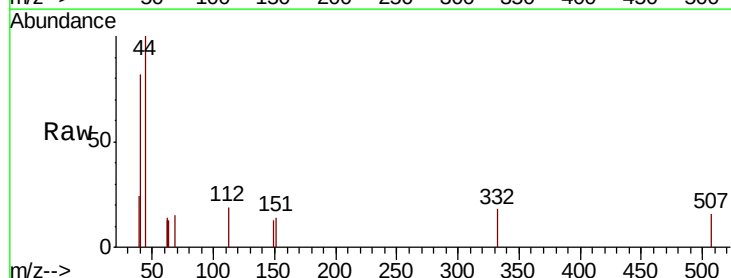
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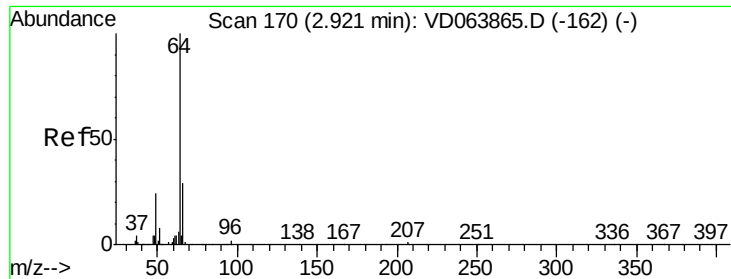
Tot Ion: 50 Resp: 60
Ion Ratio Lower Upper
50 100
52 0.0 27.5 41.3#



#4
Vinyl Chloride
Concen: 73.375 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.13 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 62 Resp: 111
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#





#6

Chloroethane

Concen: 57.974 ug/l

RT: 2.87 min Scan# 162

Delta R.T. -0.05 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

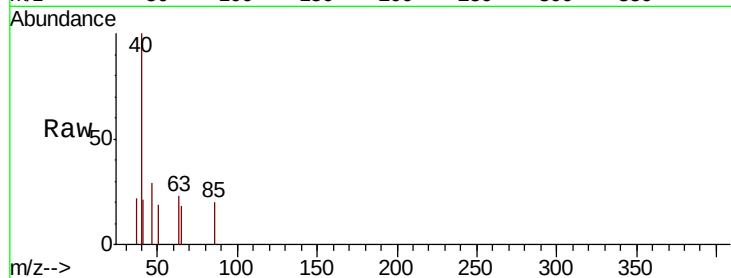
10-10-I

Tot Ion: 64 Resp: 58

Ion Ratio Lower Upper

64 100

66 0.0 23.0 34.4#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.87

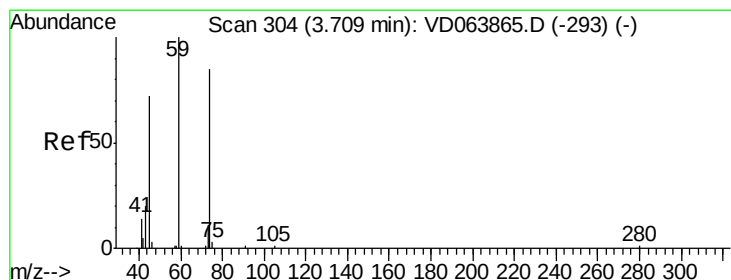
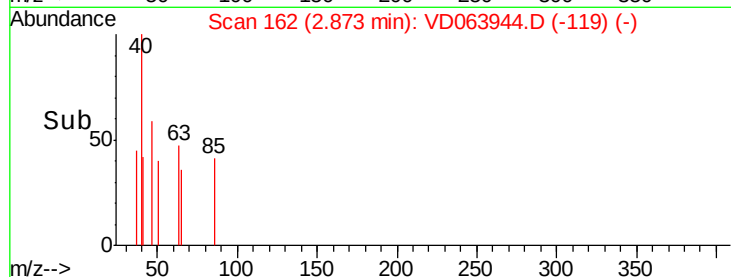
150

100

50

0

Time--> 2.85 2.86 2.87 2.88 2.89



#8

Diethyl Ether

Concen: 411.175 ug/l

RT: 3.49 min Scan# 266

Delta R.T. -0.22 min

Lab File: VD063944.D

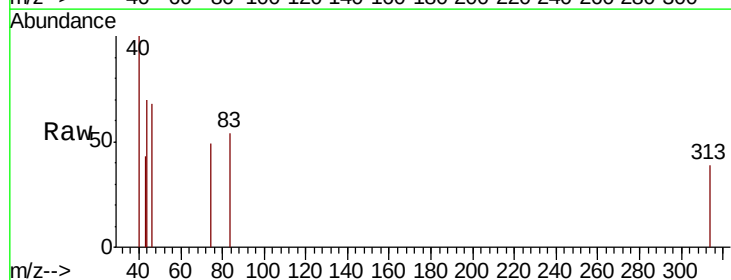
Acq: 11 Oct 2019 18:33

Tgt Ion: 74 Resp: 132

Ion Ratio Lower Upper

74 100

45 117.4 48.1 144.4



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.49

250

200

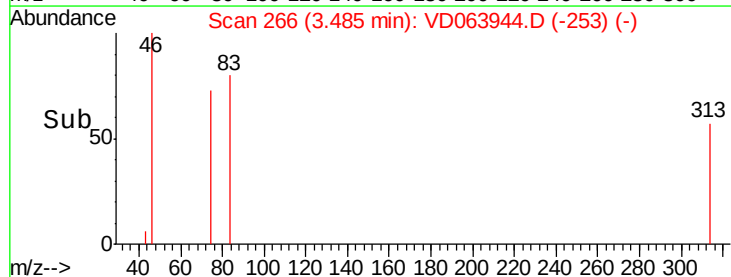
150

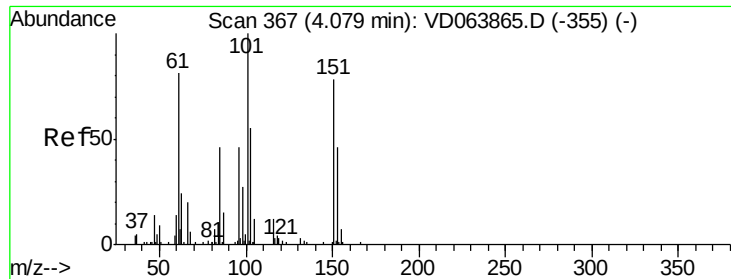
100

50

0

Time--> 3.46 3.48 3.49 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 131.854 ug/l

RT: 3.88 min Scan# 333

Delta R.T. -0.20 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

10-10-I

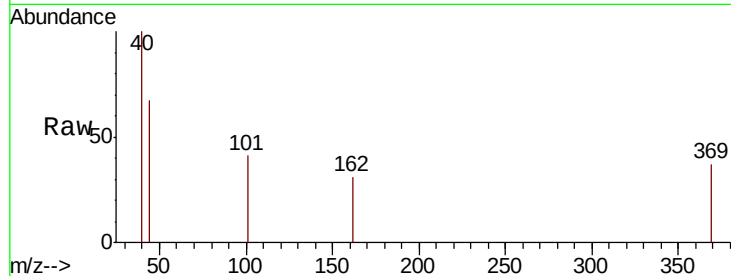
Tot Ion:101 Resp: 73

Ion Ratio Lower Upper

101 100

85 0.0 37.5 56.3#

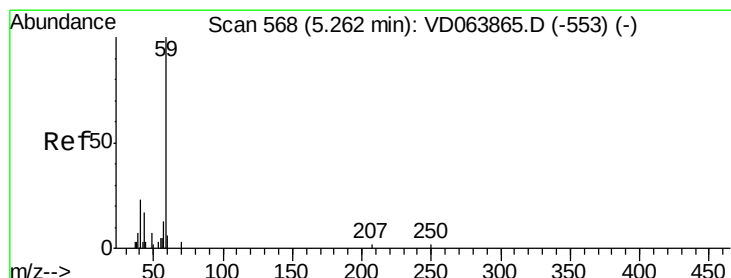
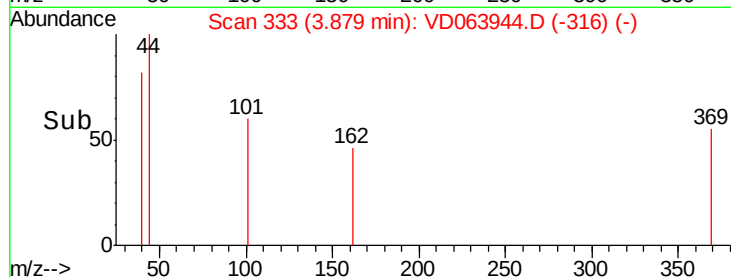
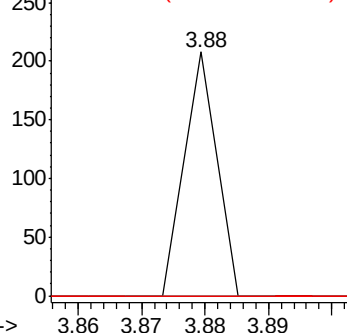
151 0.0 65.5 98.3#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VDC

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 4666.784 ug/l

RT: 5.05 min Scan# 532

Delta R.T. -0.21 min

Lab File: VD063944.D

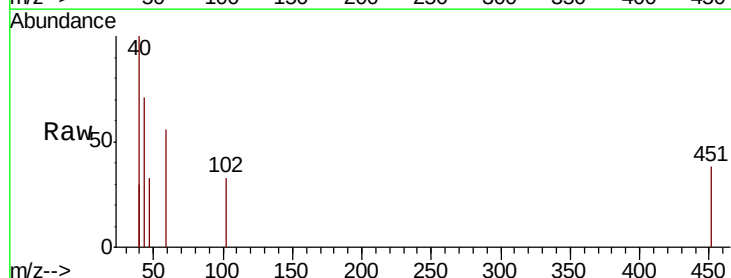
Acq: 11 Oct 2019 18:33

Tgt Ion: 59 Resp: 202

Ion Ratio Lower Upper

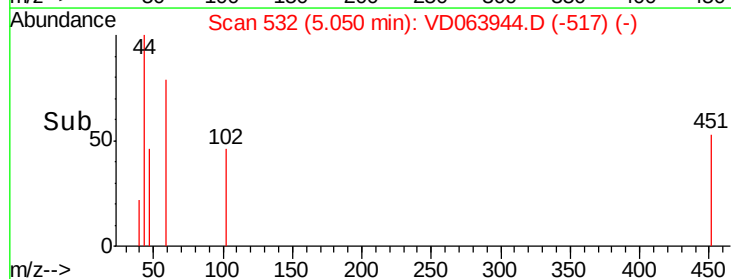
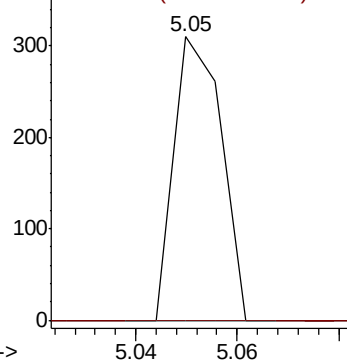
59 100

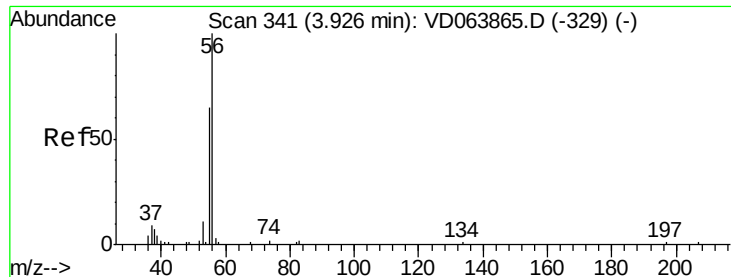
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

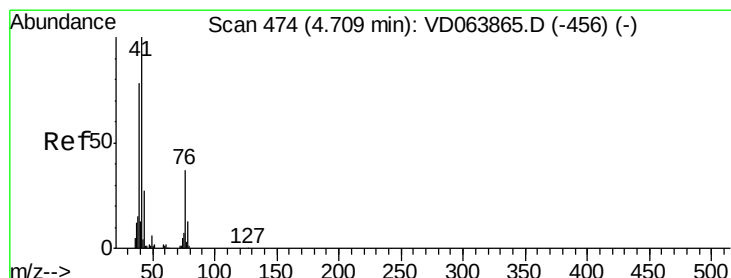
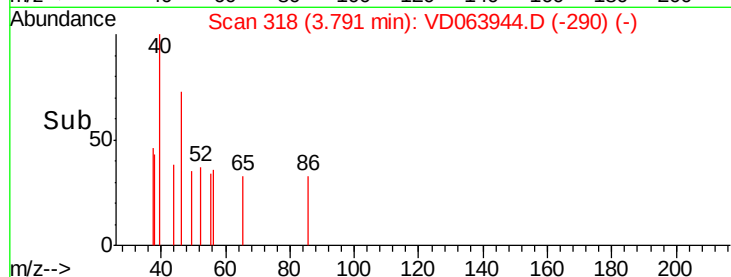
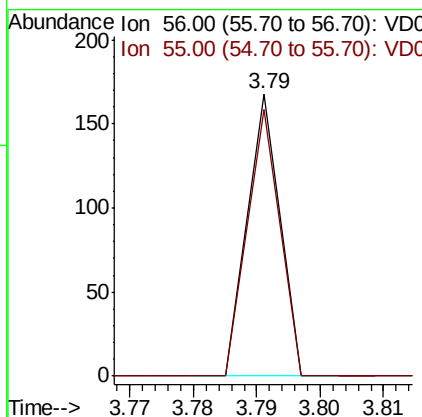
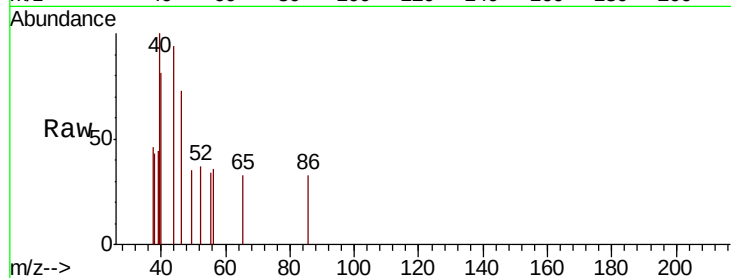




#13
 Acrolein
 Concen: 1028.062 ug/l
 RT: 3.79 min Scan# 318
 Delta R.T. -0.14 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

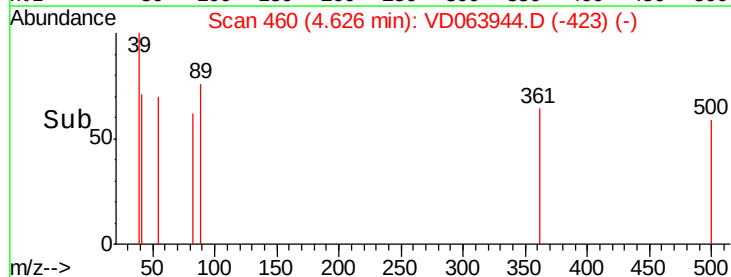
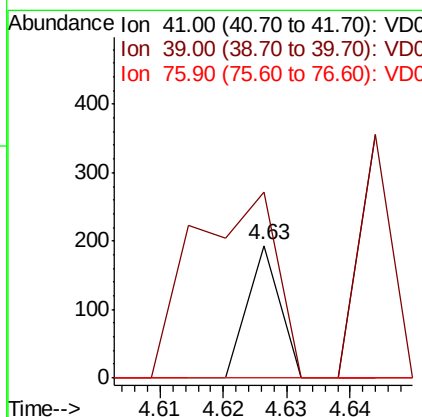
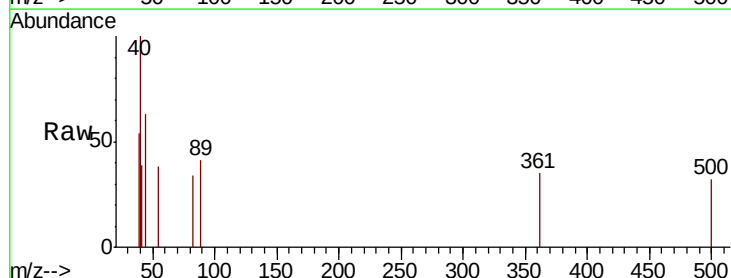
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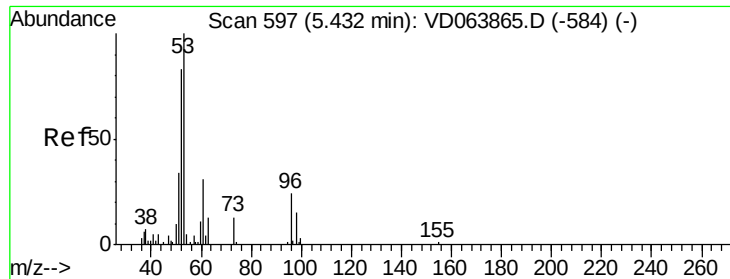
Tot Ion: 56 Resp: 59
 Ion Ratio Lower Upper
 56 100
 55 94.9 53.0 79.6#



#14
 Allyl chloride
 Concen: 73.943 ug/l
 RT: 4.63 min Scan# 460
 Delta R.T. -0.08 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

Tgt Ion: 41 Resp: 68
 Ion Ratio Lower Upper
 41 100
 39 361.8 61.8 92.6#
 76 0.0 31.3 46.9#





#15

Acrylonitrile

Concen: 466.308 ug/l

RT: 5.27 min Scan# 570

Delta R.T. -0.16 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

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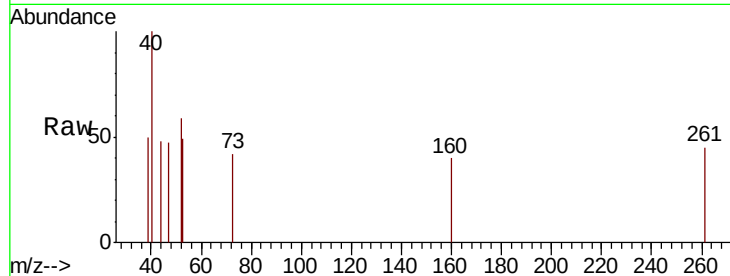
Tot Ion: 53 Resp: 66

Ion Ratio Lower Upper

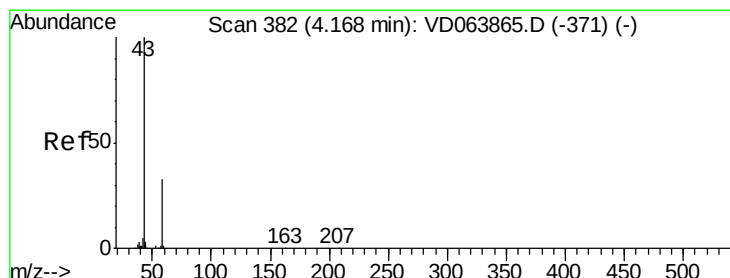
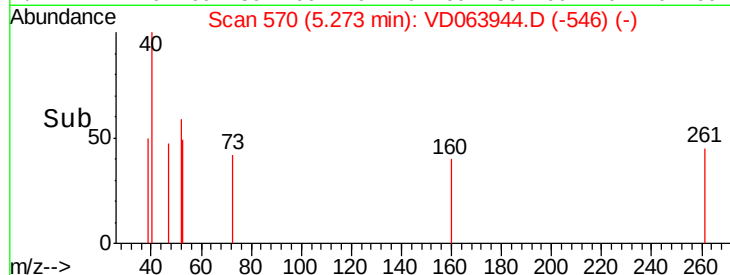
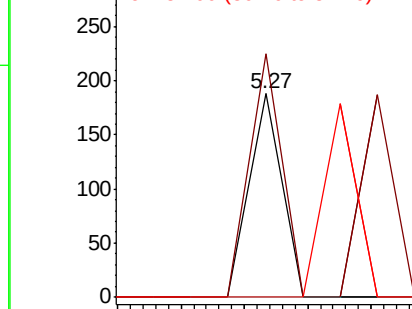
53 100

52 119.7 67.3 100.9#

51 0.0 30.5 45.7#



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: 848.809 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.08 min

Lab File: VD063944.D

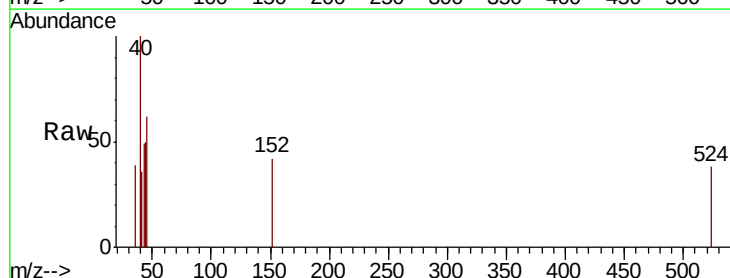
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 142

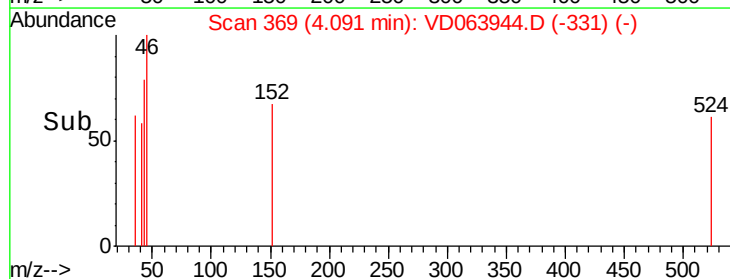
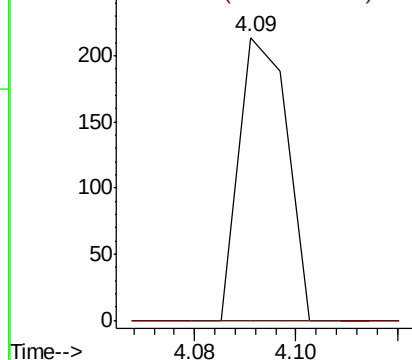
Ion Ratio Lower Upper

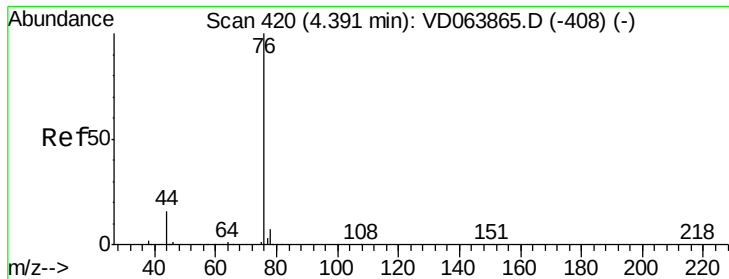
43 100

58 0.0 26.2 39.4#



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

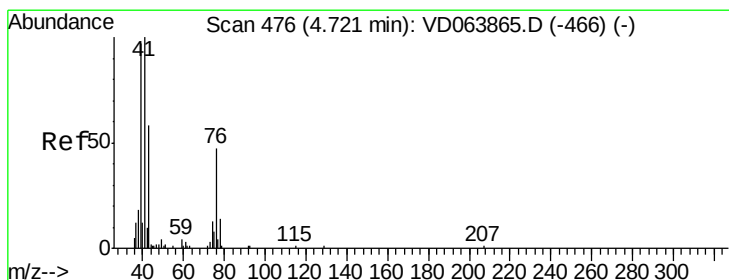
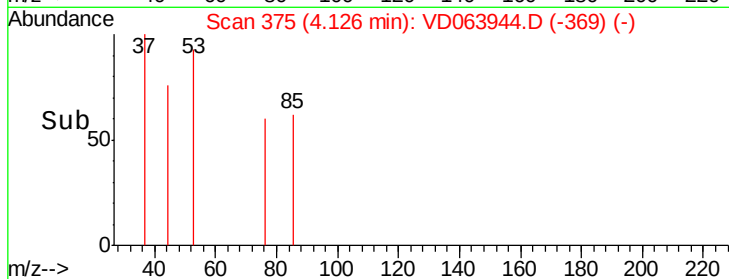
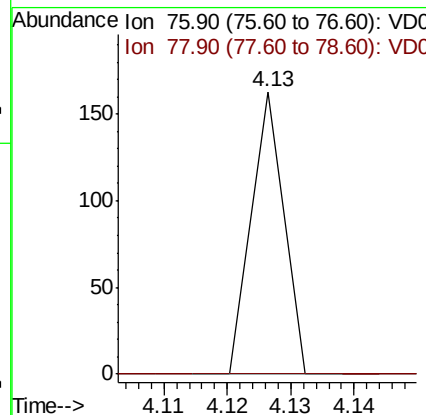
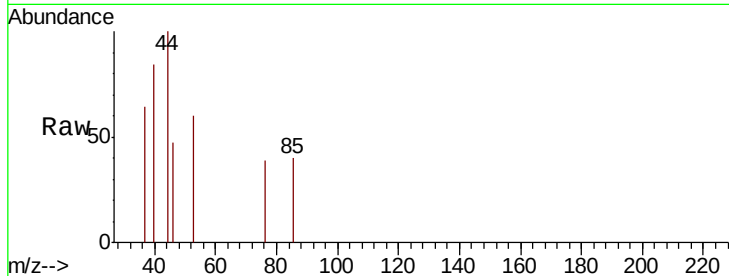




#17
Carbon Disulfide
Concen: 28.846 ug/l
RT: 4.13 min Scan# 375
Delta R.T. -0.26 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

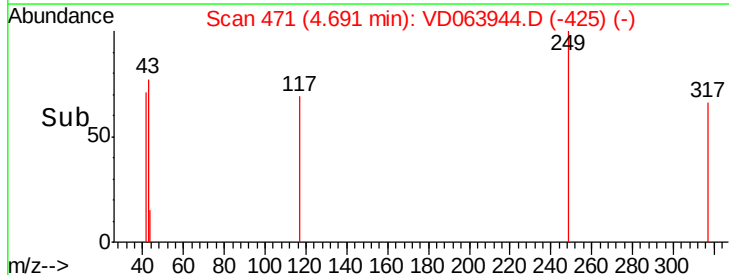
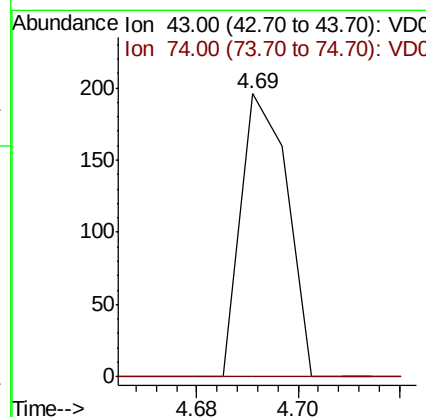
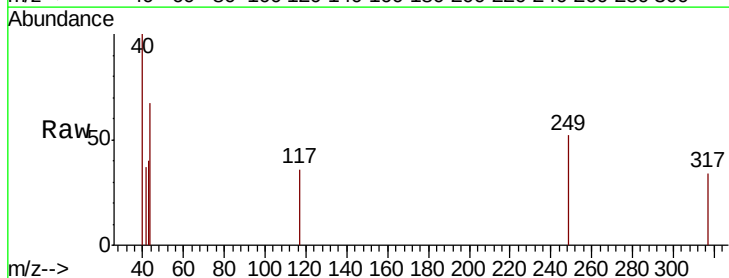
Instrument :
MSVOA_D
ClientSampleId :
10-10-I

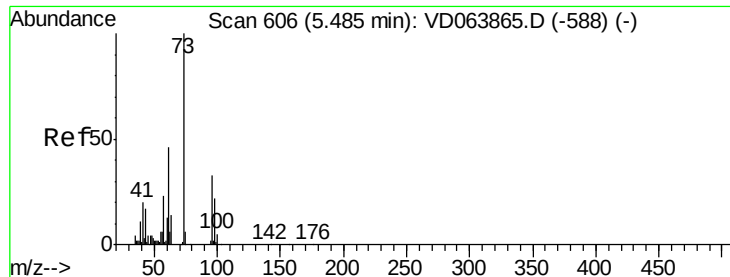
Tot Ion: 76 Resp: 58
Ion Ratio Lower Upper
76 100
78 0.0 5.8 8.8#



#18
Methyl Acetate
Concen: 385.078 ug/l
RT: 4.69 min Scan# 471
Delta R.T. -0.03 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#

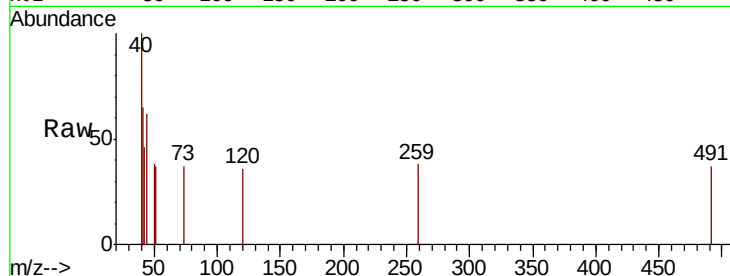




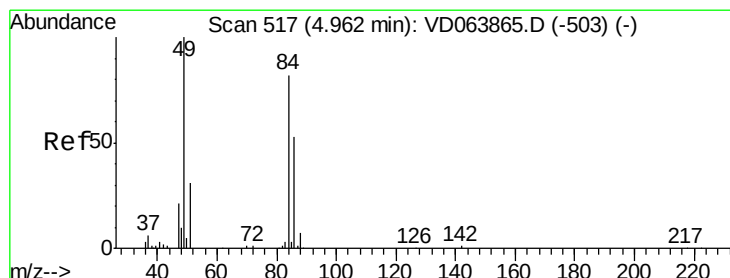
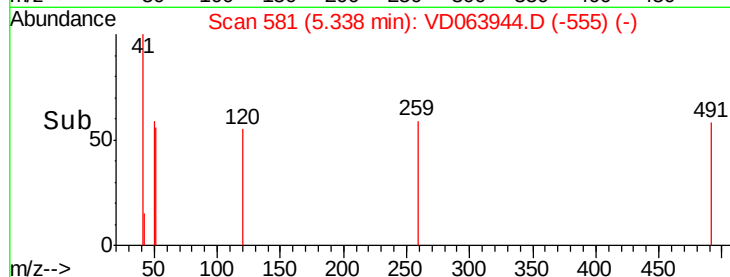
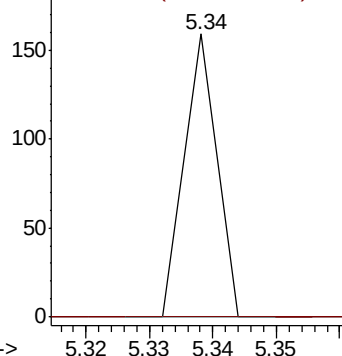
#19
Methyl tert-butyl Ether
Concen: 39.097 ug/l
RT: 5.34 min Scan# 581
Delta R.T. -0.15 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tot Ion: 73 Resp: 56
Ion Ratio Lower Upper
73 100
57 0.0 18.1 27.1#

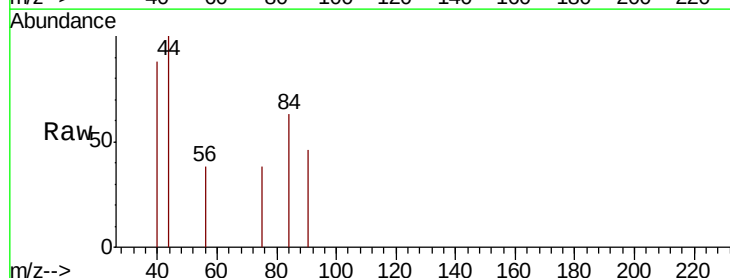


Abundance Ion 73.00 (72.70 to 73.70): VDC
Ion 57.00 (56.70 to 57.70): VDC

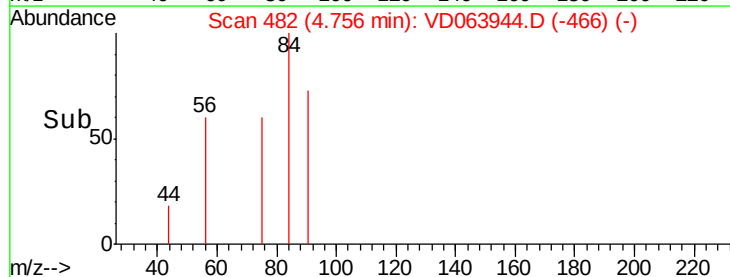
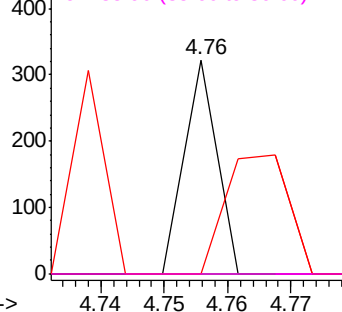


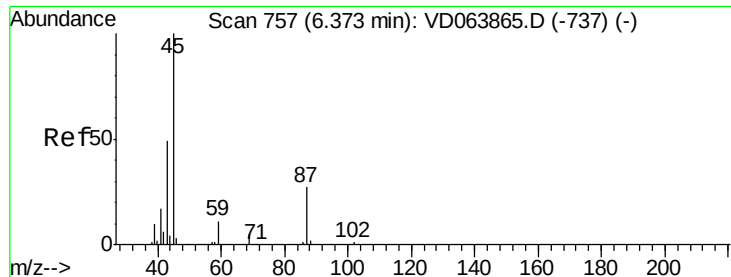
#20
Methylene Chloride
Concen: 160.211 ug/l
RT: 4.76 min Scan# 482
Delta R.T. -0.21 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 84 Resp: 114
Ion Ratio Lower Upper
84 100
49 0.0 97.3 145.9#
51 0.0 30.1 45.1#
86 0.0 51.4 77.2#



Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC





#22

Diisopropyl ether

Concen: 44.192 ug/l

RT: 6.29 min Scan# 743

Delta R.T. -0.08 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

10-10-I

Tot Ion: 45 Resp: 83

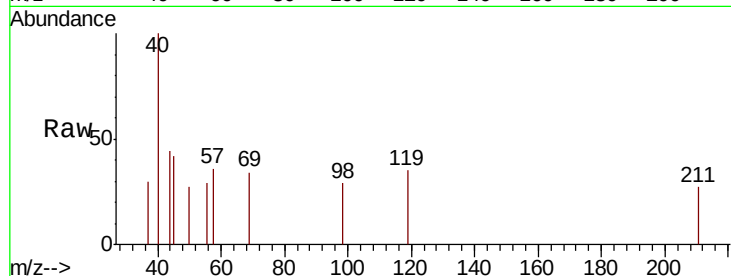
Ion Ratio Lower Upper

45 100

43 0.0 41.2 61.8#

87 0.0 22.2 33.4#

59 0.0 9.2 13.8#

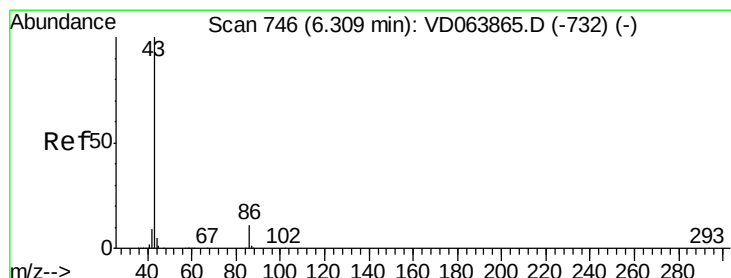
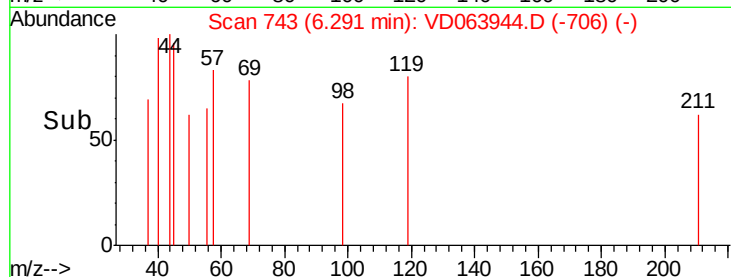
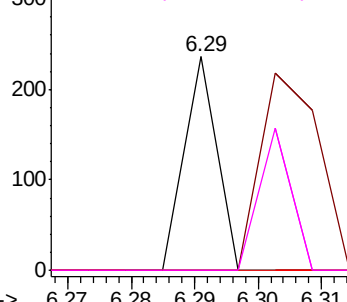


Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 160.209 ug/l

RT: 6.23 min Scan# 733

Delta R.T. -0.08 min

Lab File: VD063944.D

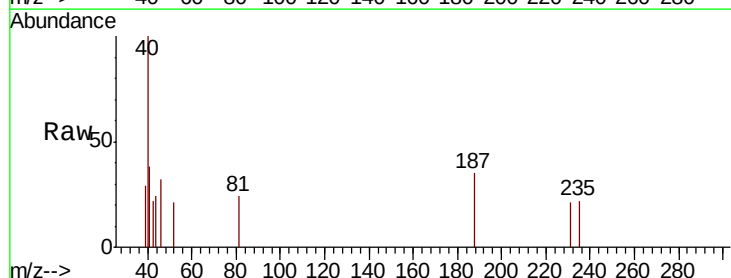
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 179

Ion Ratio Lower Upper

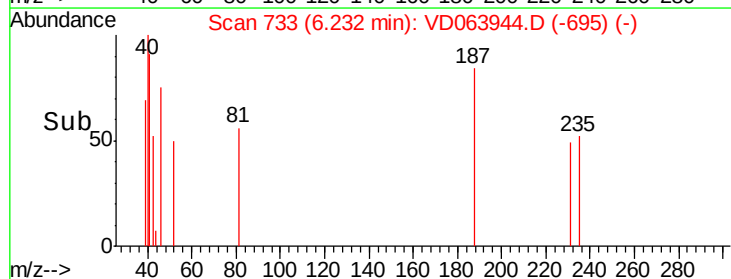
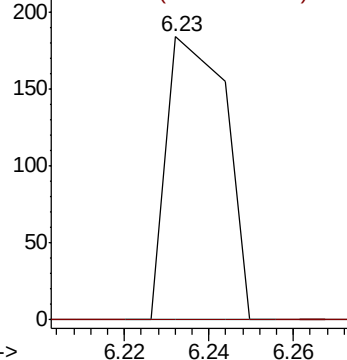
43 100

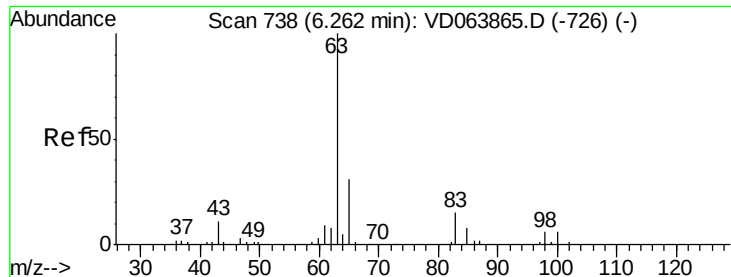
86 0.0 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC





#24

1,1-Dichloroethane

Concen: 51.000 ug/l

RT: 6.13 min Scan# 716

Delta R.T. -0.13 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

10-10-I

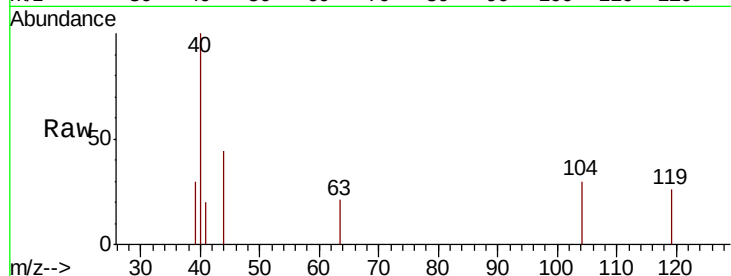
Tot Ion: 63 Resp: 59

Ion Ratio Lower Upper

63 100

98 0.0 3.1 9.4#

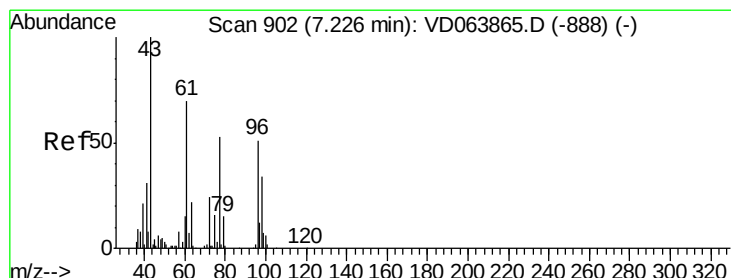
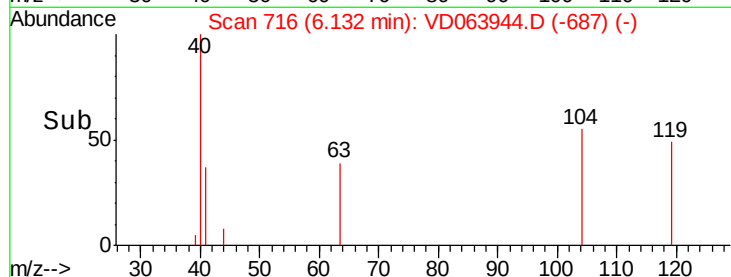
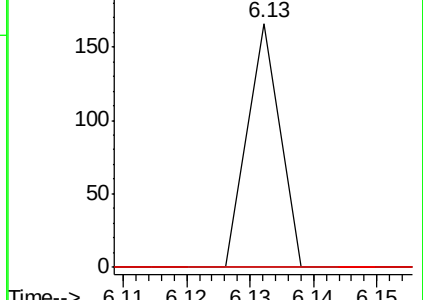
100 0.0 3.0 9.2#



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: 297.588 ug/l

RT: 7.06 min Scan# 874

Delta R.T. -0.16 min

Lab File: VD063944.D

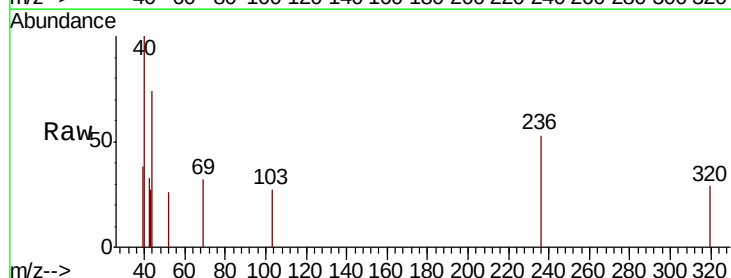
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

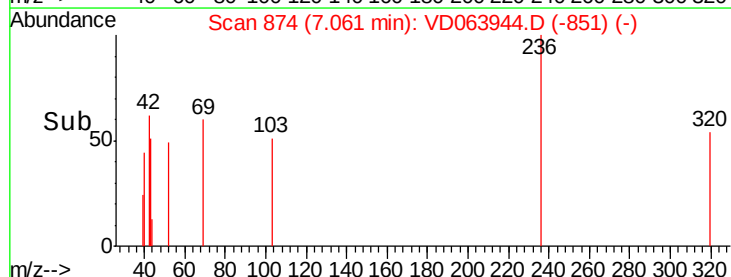
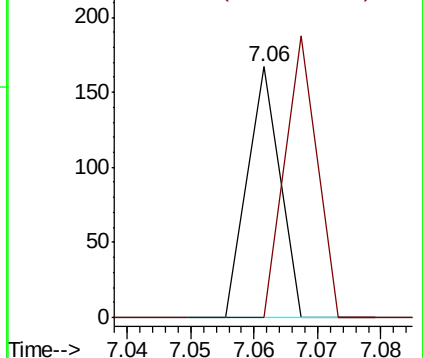
43 100

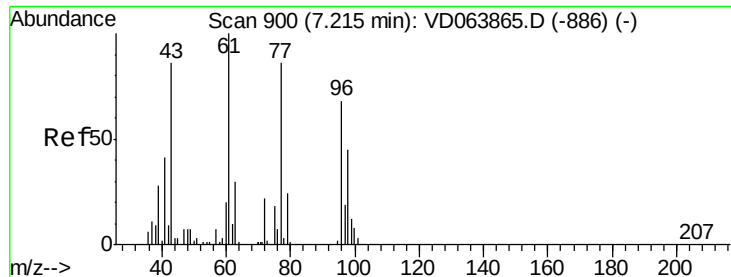
72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC





#26

2,2-Dichloropropane

Concen: 55.423 ug/l

RT: 6.93 min Scan# 851

Delta R.T. -0.29 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

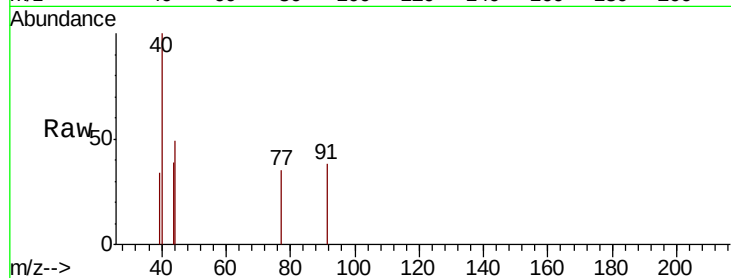
10-10-I

Tot Ion: 77 Resp: 58

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

6.93

150

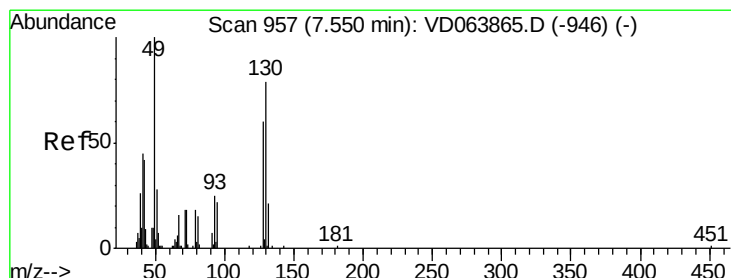
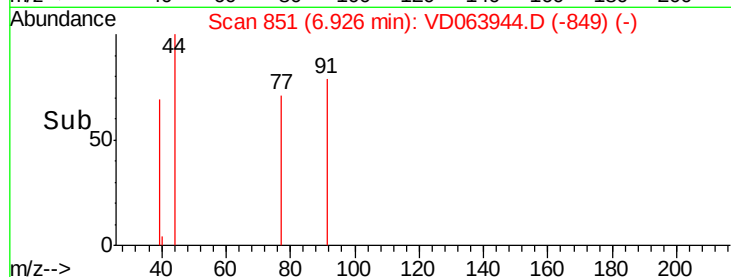
100

50

0

6.91 6.92 6.93 6.94

Time-->



#28

Bromochloromethane

Concen: 430.879 ug/l

RT: 7.54 min Scan# 955

Delta R.T. -0.01 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

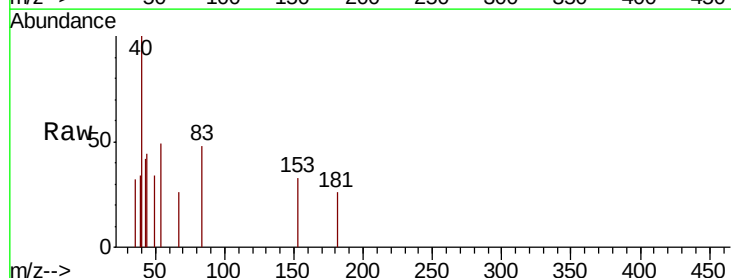
Tgt Ion: 49 Resp: 196

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.6

130 0.0 66.8 100.2#



Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

250

200

150

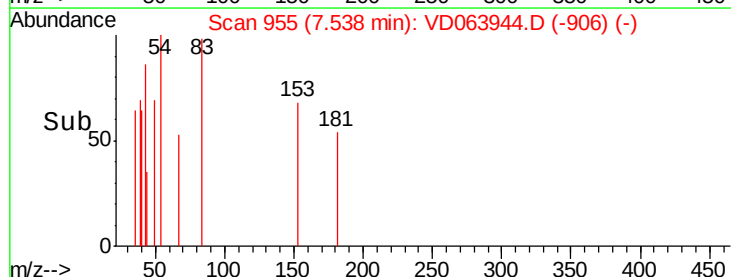
100

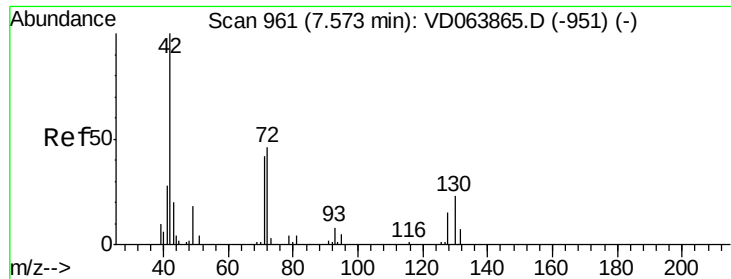
50

0

7.52 7.54 7.56

Time-->

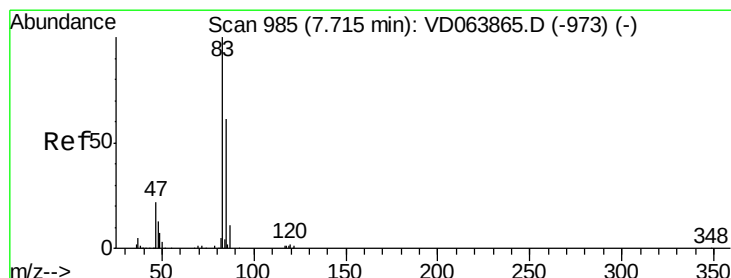
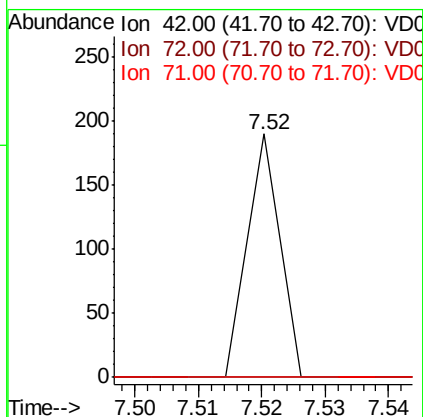
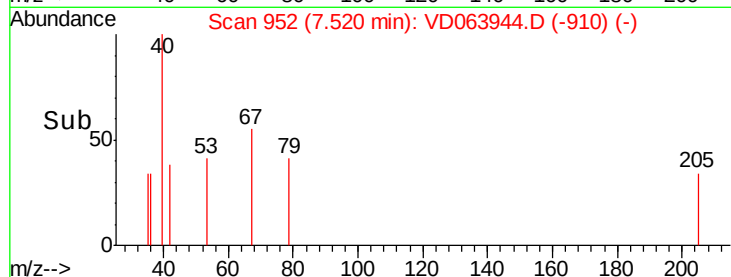
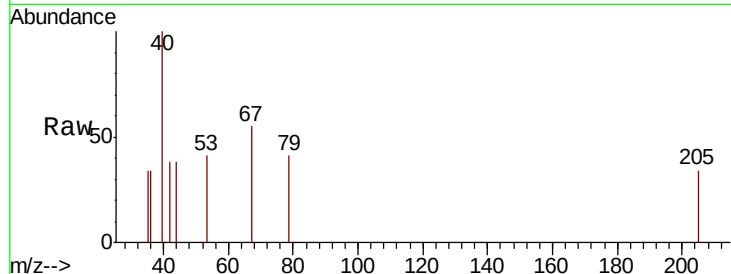




#29
Tetrahydrofuran
Concen: 578.979 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.05 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

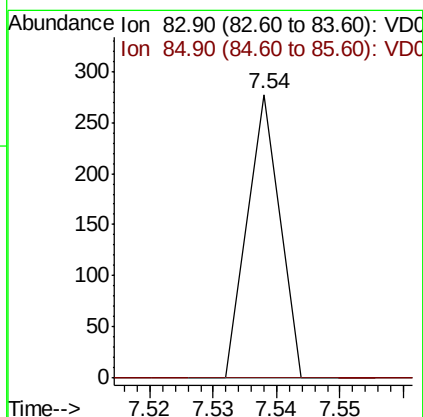
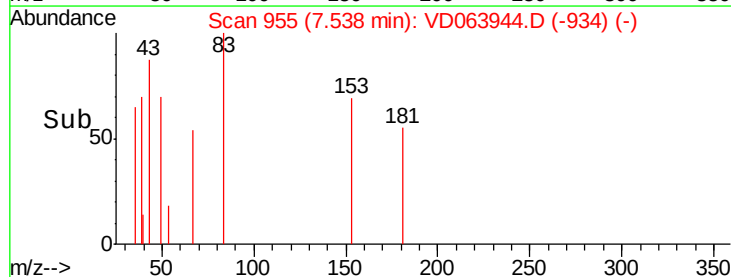
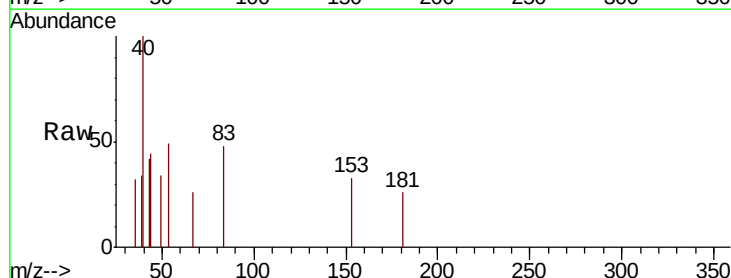
Instrument :
MSVOA_D
ClientSampleId :
10-10-I

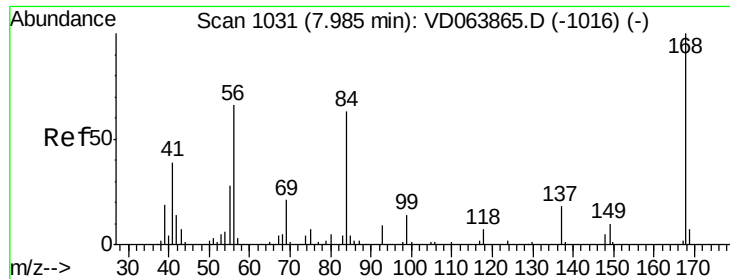
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.6	56.4#
71	0.0	35.0	52.6#



#30
Chloroform
Concen: 77.994 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.18 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	0.0	48.9	73.3#

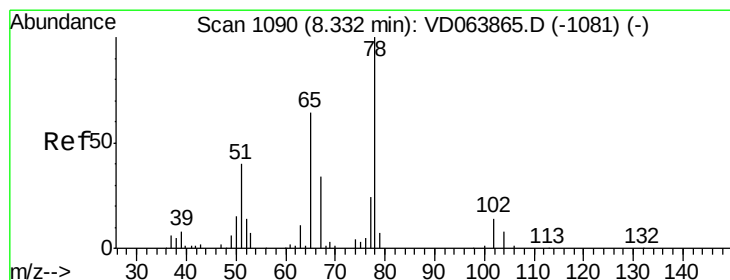
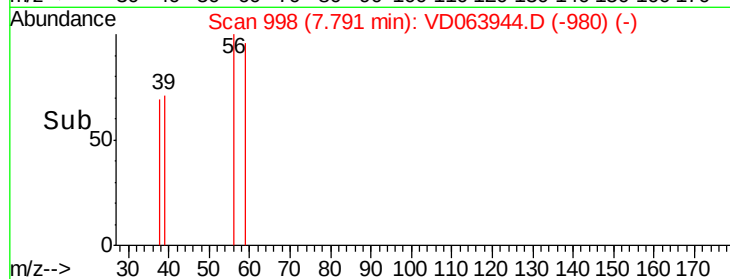
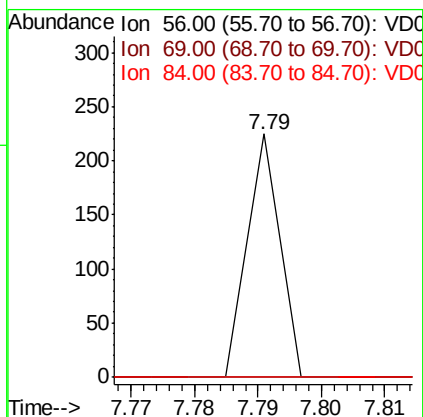
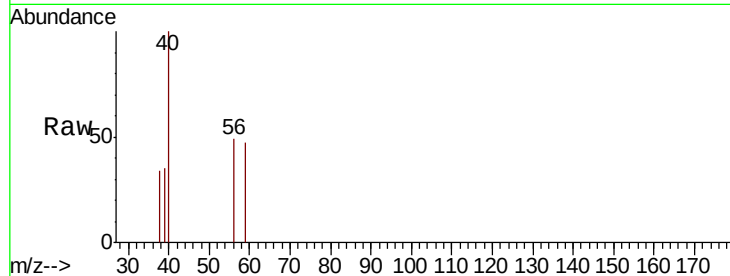




#31
Cyclohexane
Concen: 85.423 ug/l
RT: 7.79 min Scan# 998
Delta R.T. -0.19 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

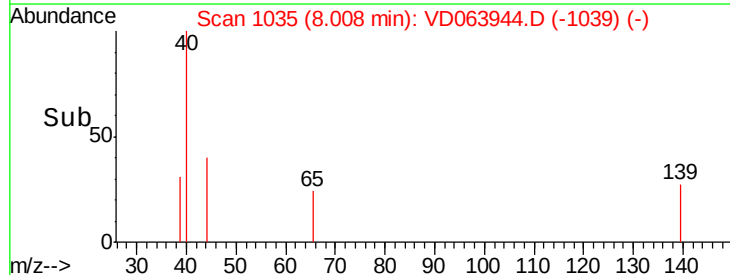
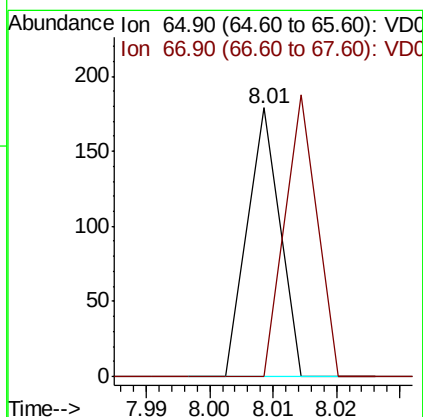
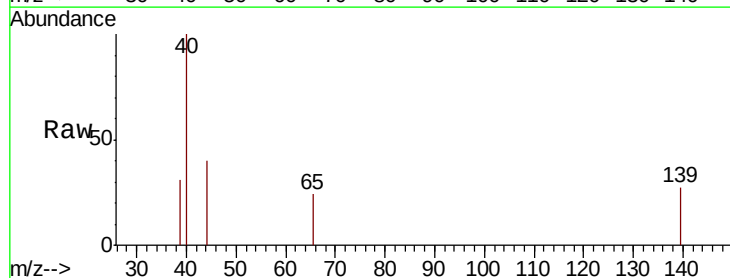
Instrument :
MSVOA_D
ClientSampleId :
10-10-I

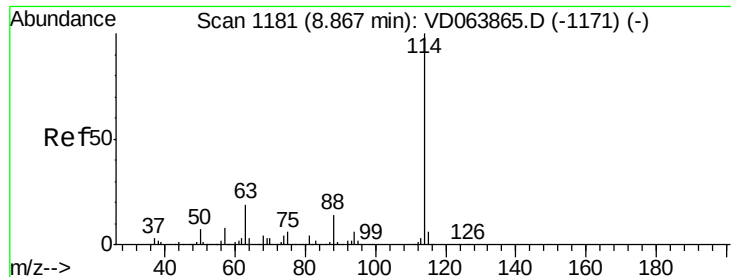
Tot Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
69 0.0 25.0 37.4#
84 0.0 76.3 114.5#



#33
1,2-Dichloroethane-d4
Concen: 98.045 ug/l
RT: 8.01 min Scan# 1035
Delta R.T. -0.32 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 65 Resp: 63
Ion Ratio Lower Upper
65 100
67 104.8 0.0 106.4

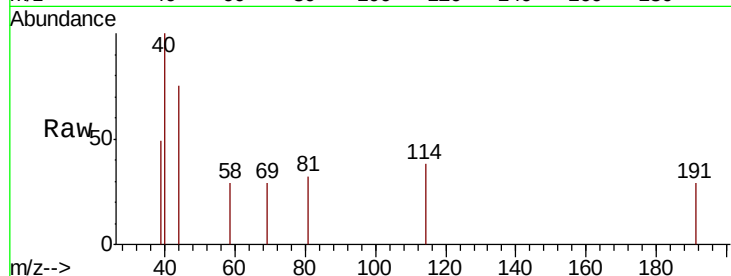




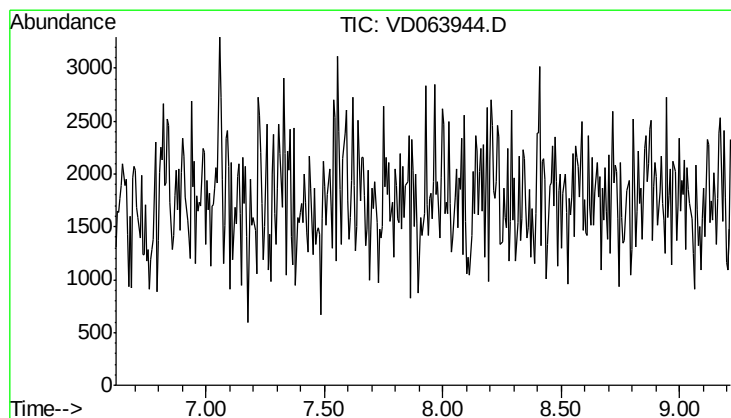
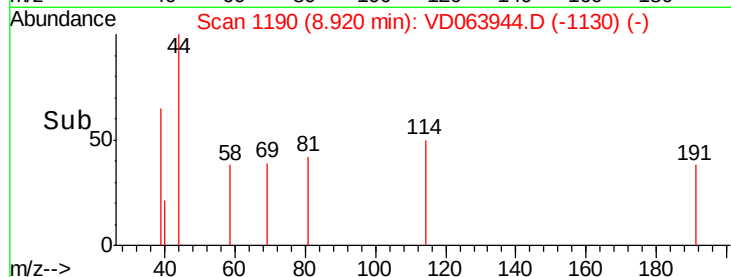
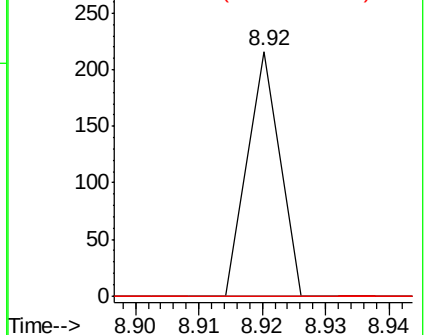
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.92 min Scan# 1190
 Delta R.T. 0.05 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-I

Tot Ion:114 Resp: 76
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 38.4
 88 0.0 0.0 27.4

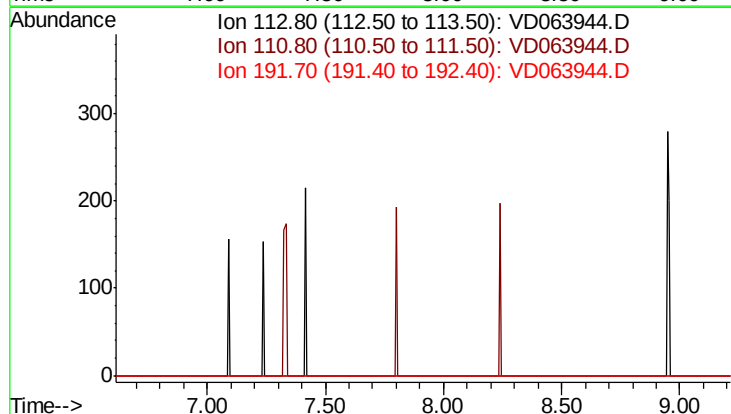


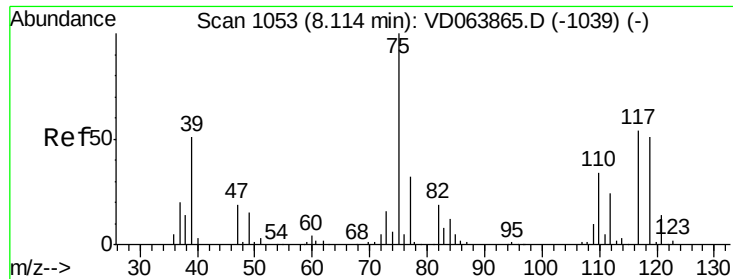
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.91 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 103.2
 192 21.4

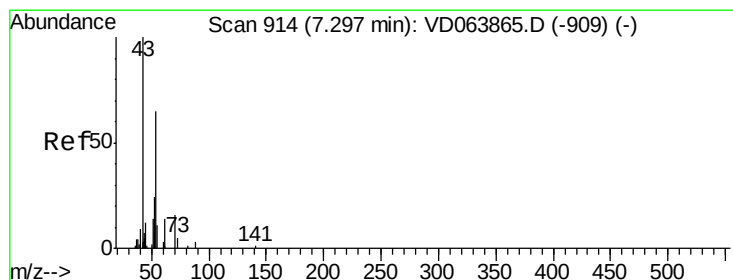
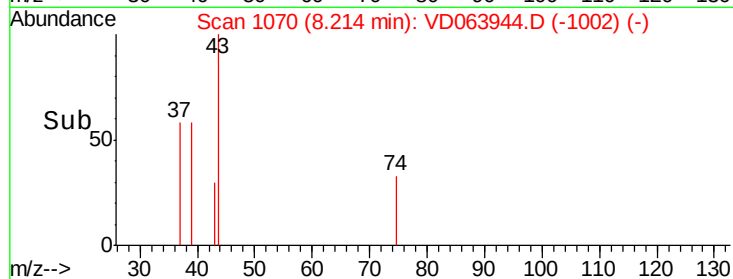
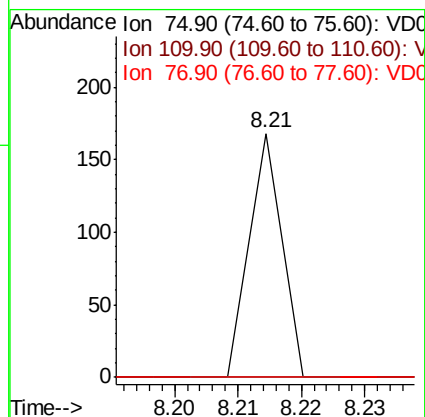
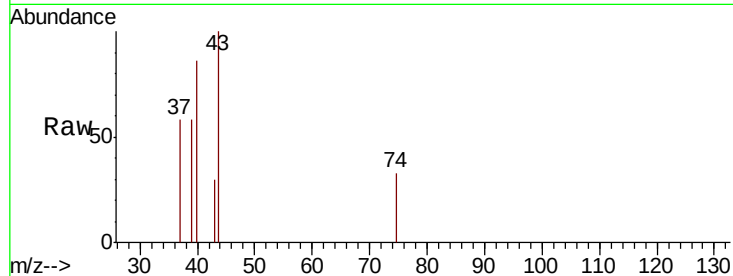




#36
 1,1-Dichloropropene
 Concen: 84.906 ug/l
 RT: 8.21 min Scan# 1070
 Delta R.T. 0.10 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

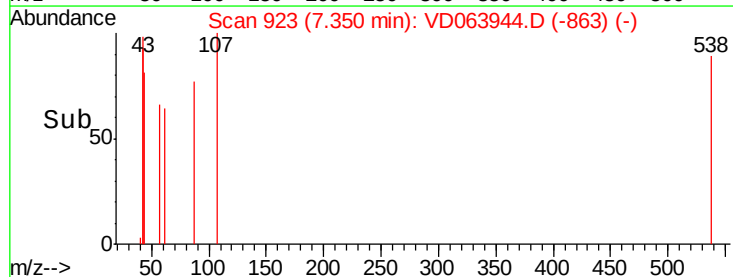
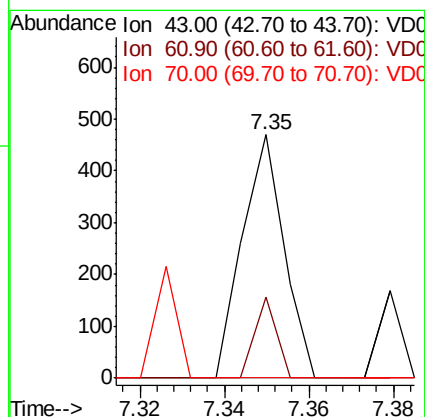
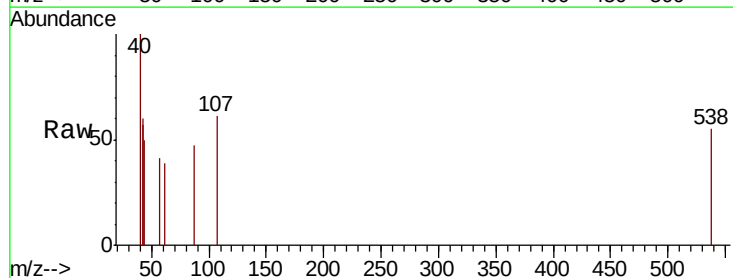
Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-I

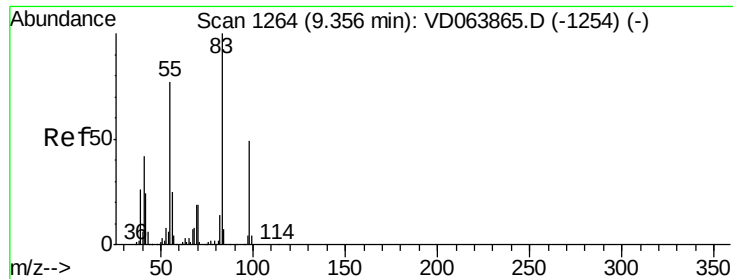
Tot Ion: 75 Resp: 59
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.3#
 77 0.0 25.4 38.0#



#37
 Ethyl Acetate
 Concen: 1251.449 ug/l
 RT: 7.35 min Scan# 923
 Delta R.T. 0.05 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 322
 Ion Ratio Lower Upper
 43 100
 61 17.1 11.5 17.3
 70 0.0 8.2 12.4#

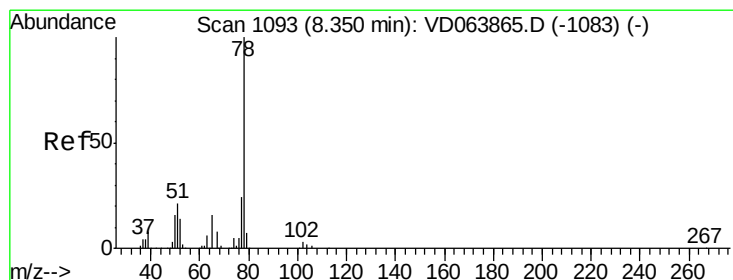
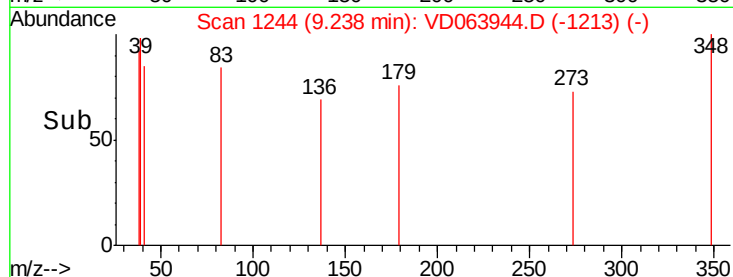
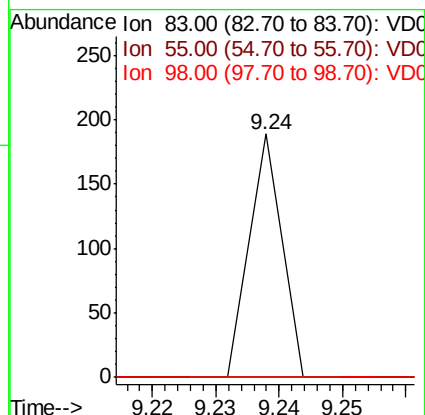
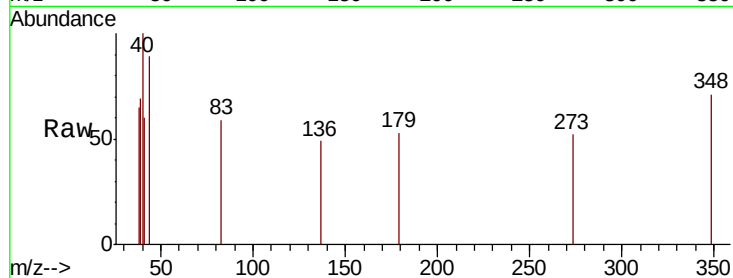




#39
Methylvlcyclohexane
Concen: 78.418 ug/l
RT: 9.24 min Scan# 1244
Delta R.T. -0.12 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

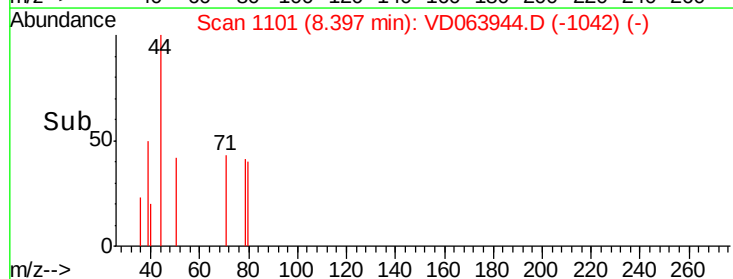
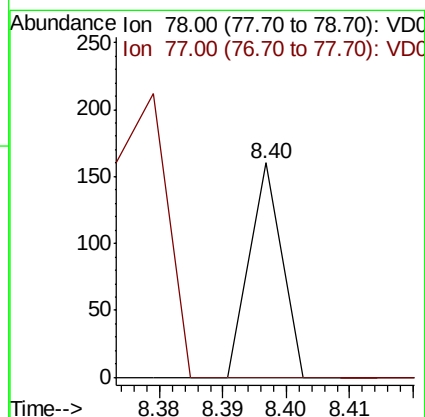
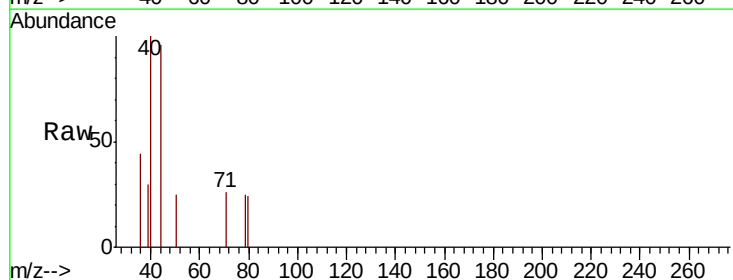
Instrument :
MSVOA_D
ClientSampleId :
10-10-I

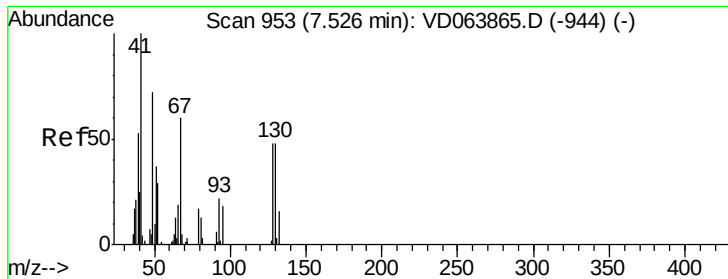
Tot Ion: 83 Resp: 67
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.0 39.3 58.9#



#40
Benzene
Concen: 28.122 ug/l
RT: 8.40 min Scan# 1101
Delta R.T. 0.05 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 78 Resp: 56
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.6#

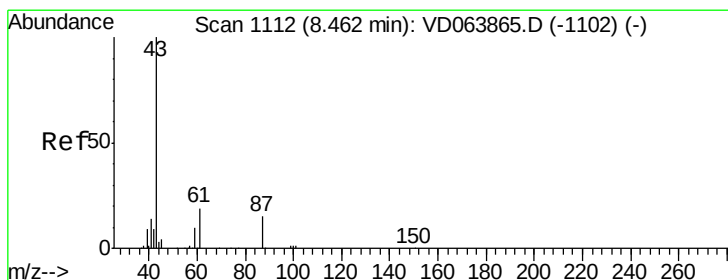
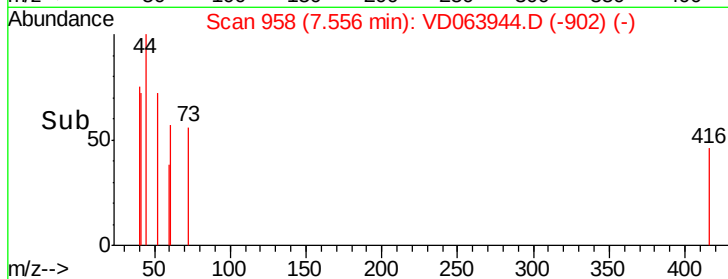
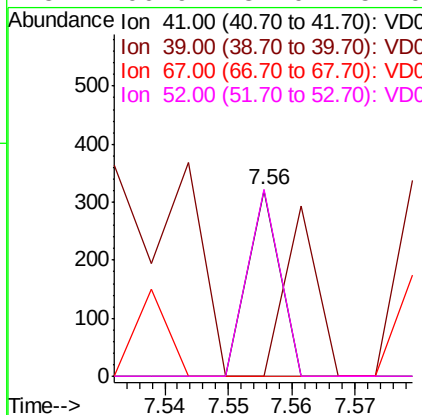
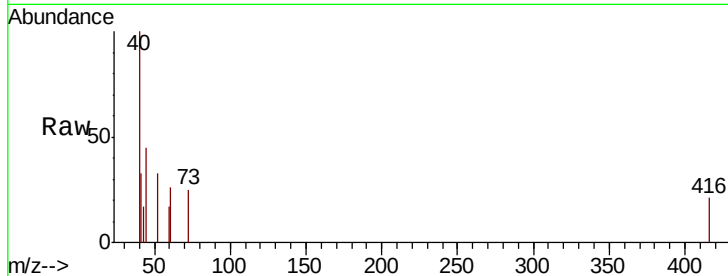




#41
Methacrylonitrile
Concen: 701.396 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

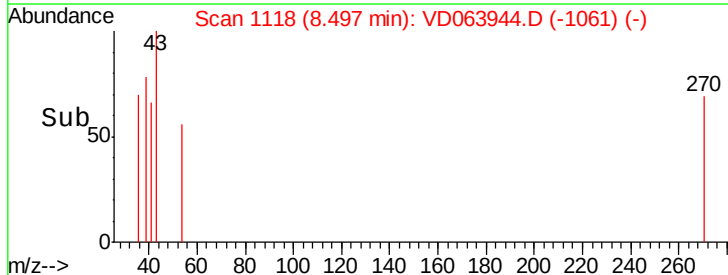
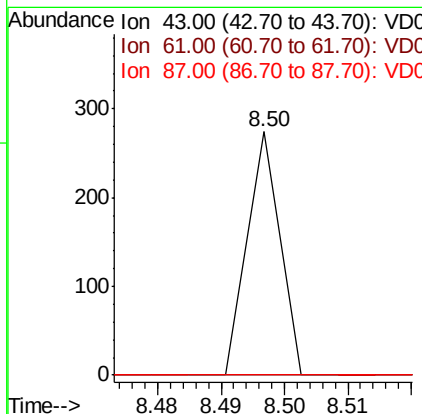
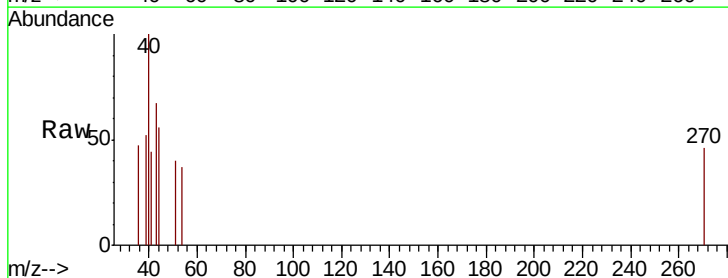
Instrument :
MSVOA_D
ClientSampleId :
10-10-I

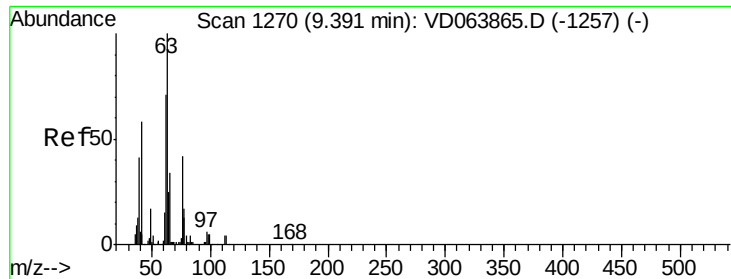
Tot Ion: 41 Resp: 113
Ion Ratio Lower Upper
41 100
39 91.2 52.6 78.8#
67 0.0 74.2 111.2#
52 100.9 34.0 51.0#



#43
Isopropyl Acetate
Concen: 166.450 ug/l
RT: 8.50 min Scan# 1118
Delta R.T. 0.04 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 97
Ion Ratio Lower Upper
43 100
61 0.0 25.7 38.5#
87 0.0 11.6 17.4#

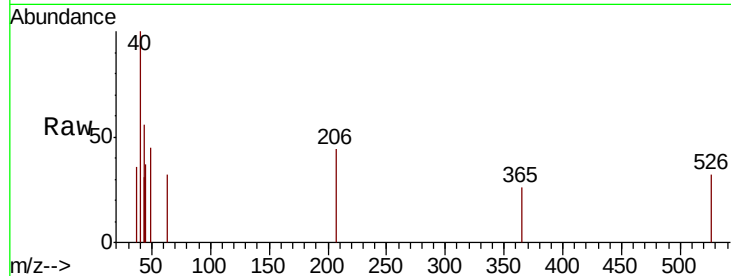




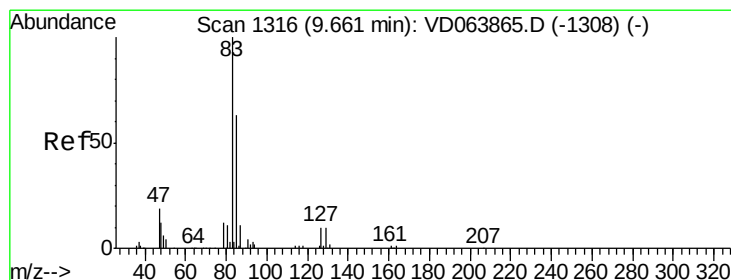
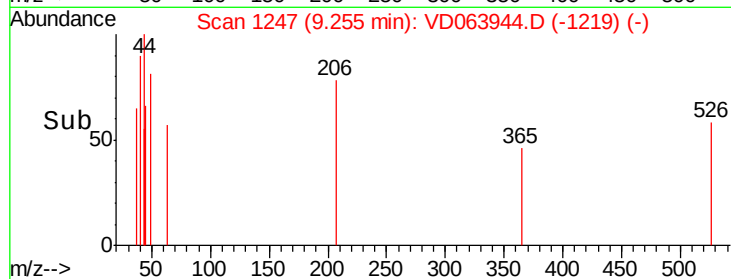
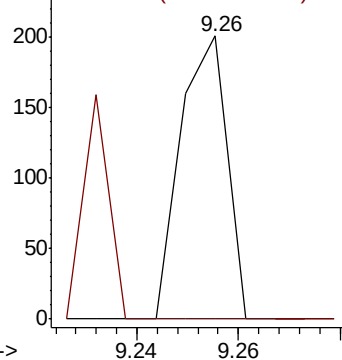
#45
 1,2-Dichloropropane
 Concen: 260.560 ug/l
 RT: 9.26 min Scan# 1247
 Delta R.T. -0.14 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-I

Tot Ion: 63 Resp: 127
 Ion Ratio Lower Upper
 63 100
 65 0.0 27.3 40.9#

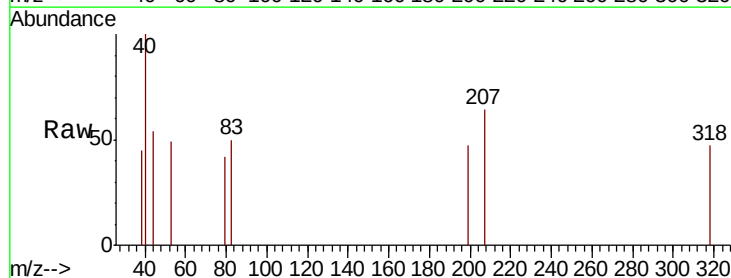


Abundance Ion 62.90 (62.60 to 63.60): VDC
 Ion 64.90 (64.60 to 65.60): VDC

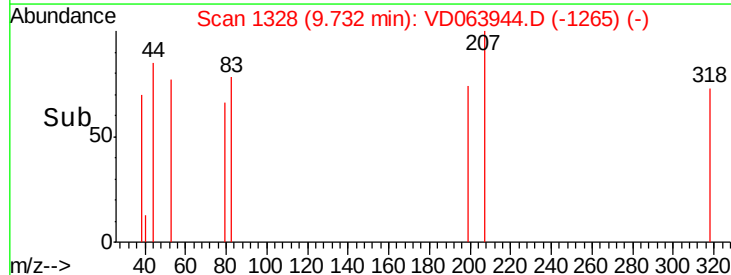
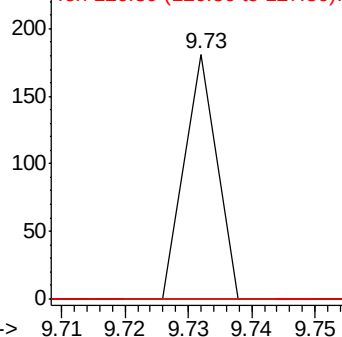


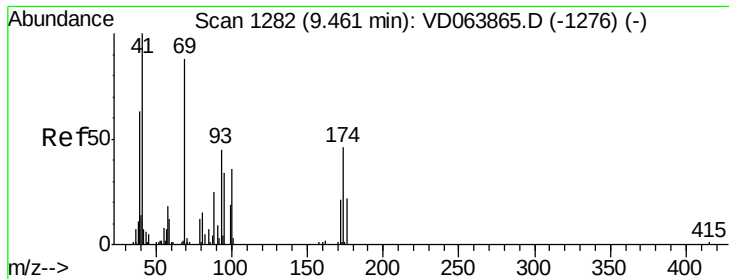
#47
 Bromodichloromethane
 Concen: 89.551 ug/l
 RT: 9.73 min Scan# 1328
 Delta R.T. 0.07 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

Tgt Ion: 83 Resp: 64
 Ion Ratio Lower Upper
 83 100
 85 0.0 50.2 75.2#
 127 0.0 7.6 11.4#



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

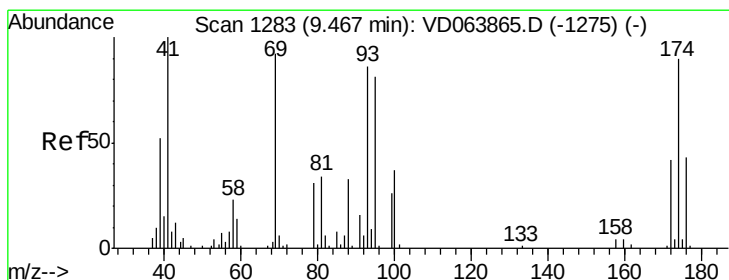
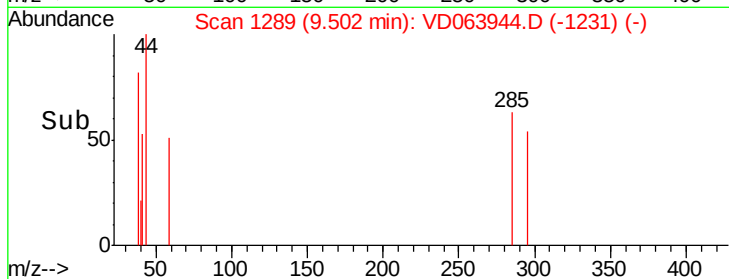
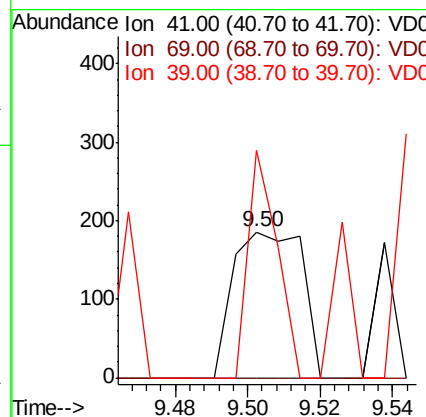
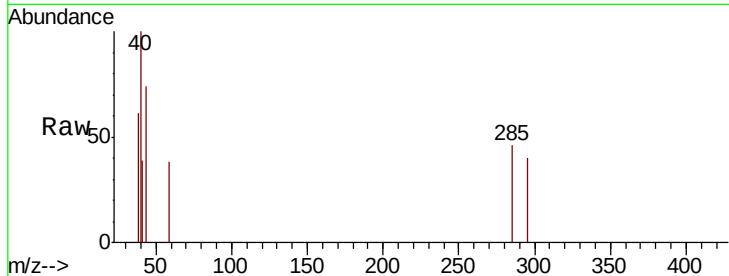




#48
Methyl methacrylate
Concen: 881.033 ug/l
RT: 9.50 min Scan# 1289
Delta R.T. 0.04 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

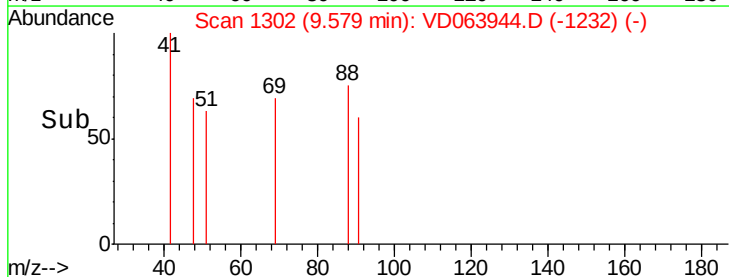
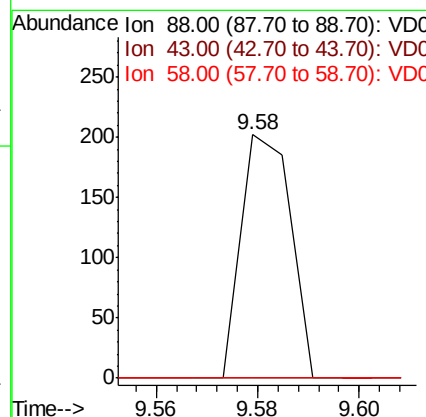
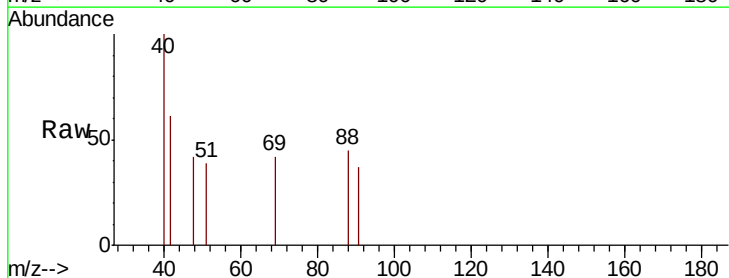
Instrument :
MSVOA_D
ClientSampleId :
10-10-I

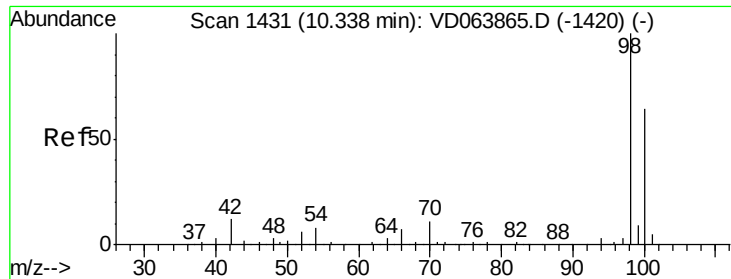
Tot Ion: 41 Resp: 246
Ion Ratio Lower Upper
41 100
69 0.0 75.1 112.7#
39 65.4 50.2 75.2



#49
1,4-Dioxane
Concen: 36156.964 ug/l
RT: 9.58 min Scan# 1302
Delta R.T. 0.11 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 88 Resp: 137
Ion Ratio Lower Upper
88 100
43 0.0 27.6 41.4#
58 0.0 54.1 81.1#





#50

Toluene-d8

Concen: 44.028 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

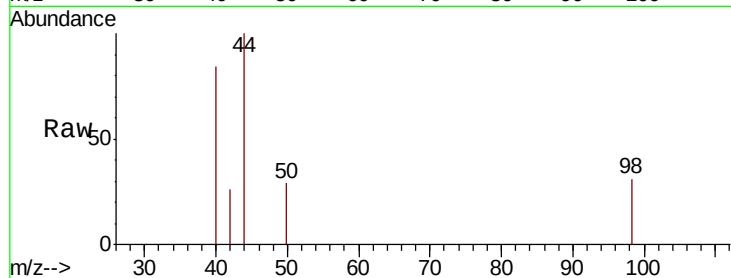
10-10-I

Tot Ion: 98 Resp: 83

Ion Ratio Lower Upper

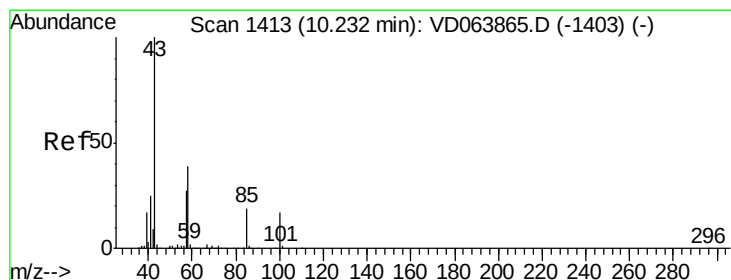
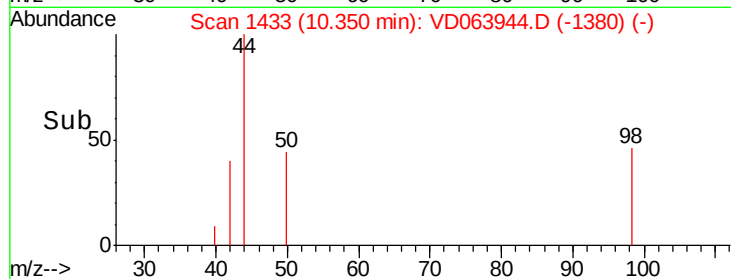
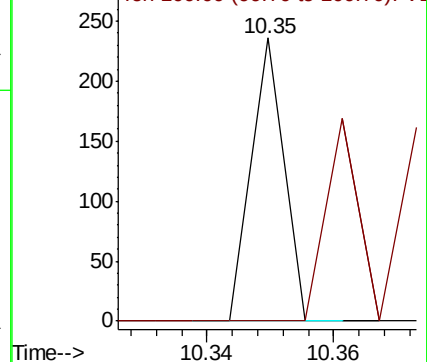
98 100

100 141.0 52.1 78.1#



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 238.229 ug/l

RT: 10.26 min Scan# 1418

Delta R.T. 0.03 min

Lab File: VD063944.D

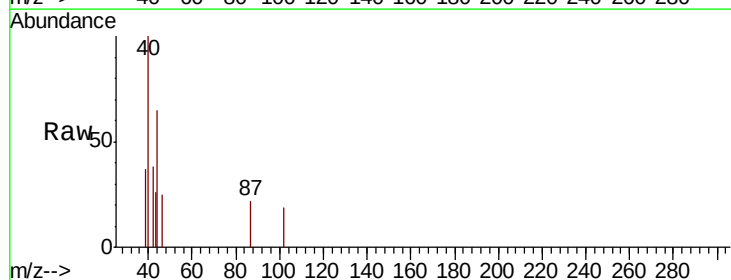
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 72

Ion Ratio Lower Upper

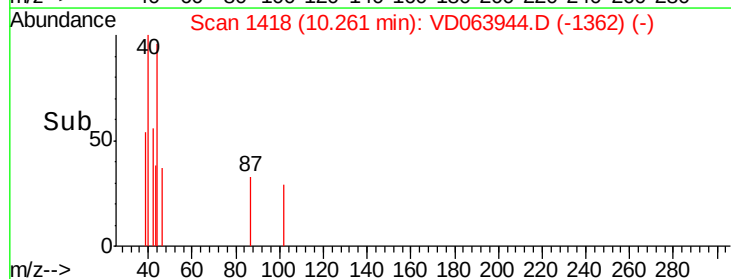
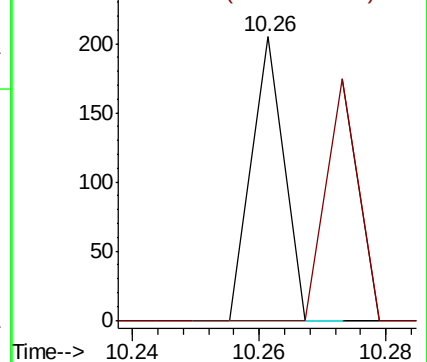
43 100

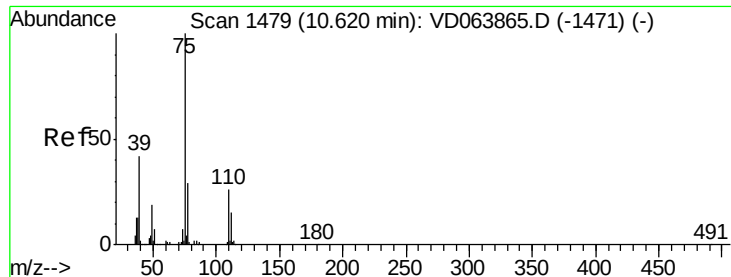
58 86.1 33.0 49.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#53

t-1,3-Dichloropropene

Concen: 81.732 ug/l

RT: 10.63 min Scan# 1481

Delta R.T. 0.01 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

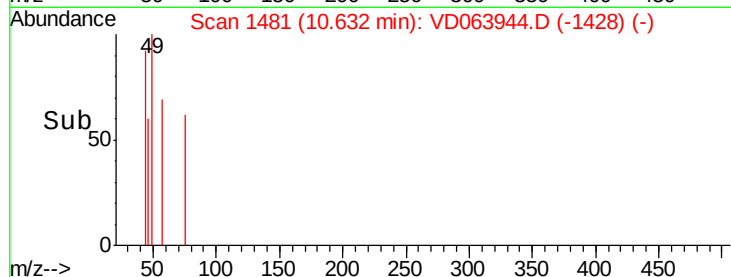
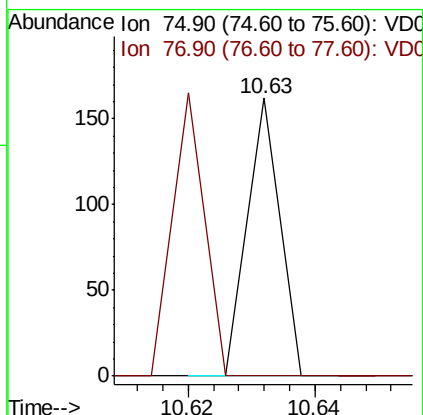
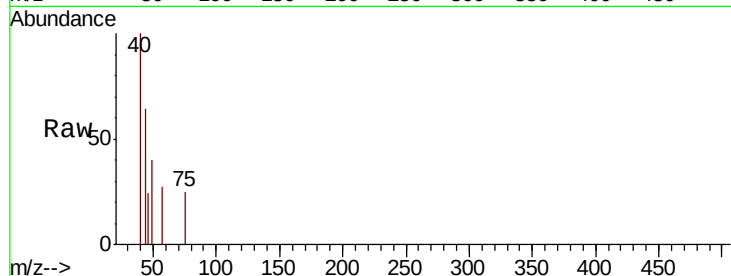
10-10-I

Tot Ion: 75 Resp: 57

Ion Ratio Lower Upper

75 100

77 0.0 22.8 34.2#



#54

cis-1,3-Dichloropropene

Concen: 77.232 ug/l

RT: 10.15 min Scan# 1399

Delta R.T. 0.06 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

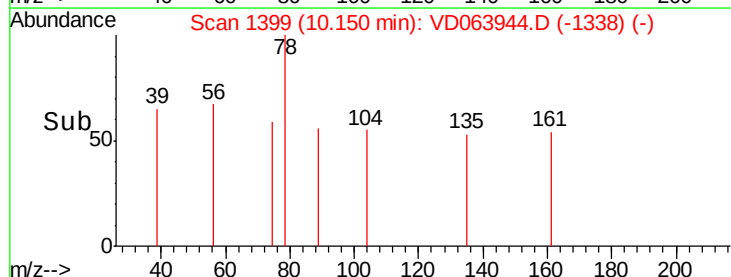
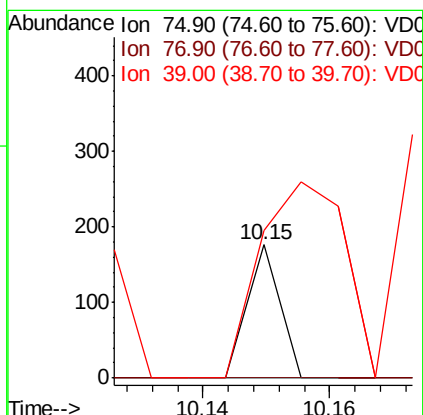
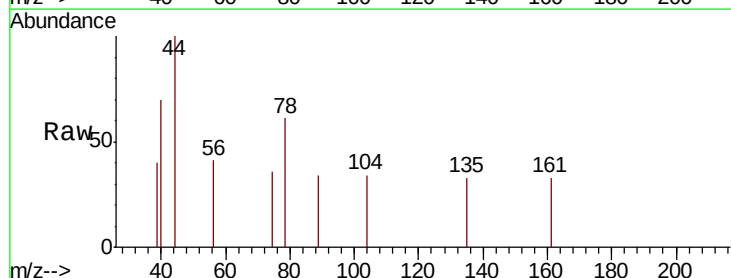
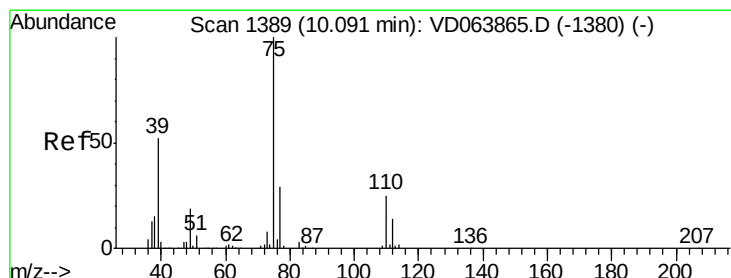
Tgt Ion: 75 Resp: 62

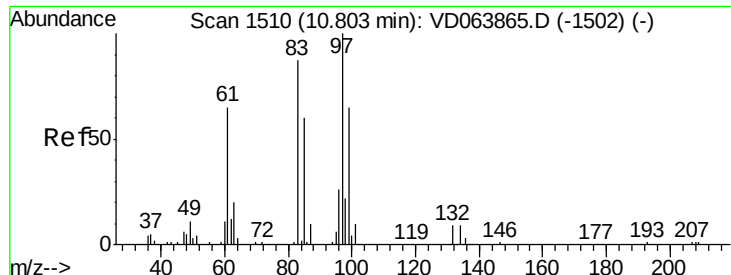
Ion Ratio Lower Upper

75 100

77 0.0 23.2 34.8#

39 110.8 41.5 62.3#

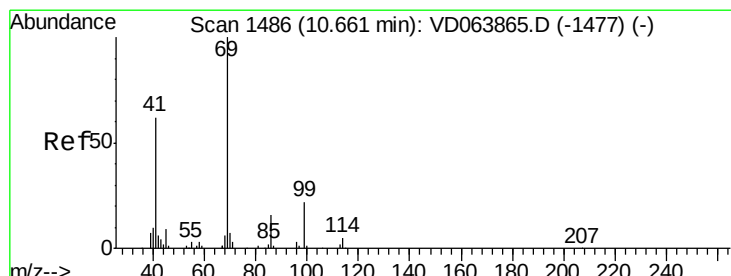
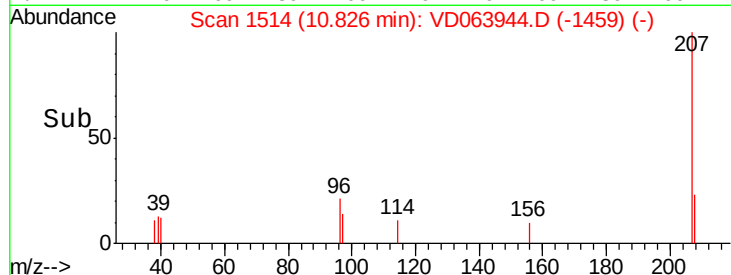
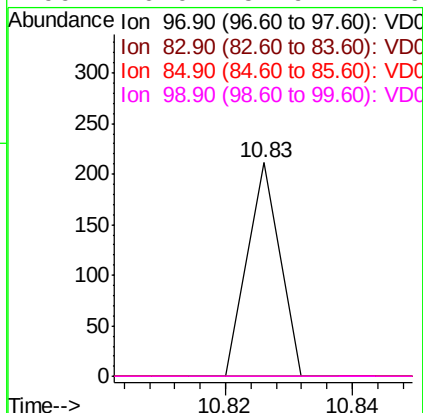
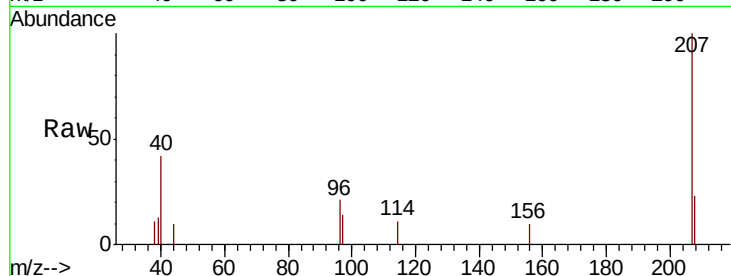




#55
 1,1,2-Trichloroethane
 Concen: 188.805 ug/l
 RT: 10.83 min Scan# 1514
 Delta R.T. 0.02 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

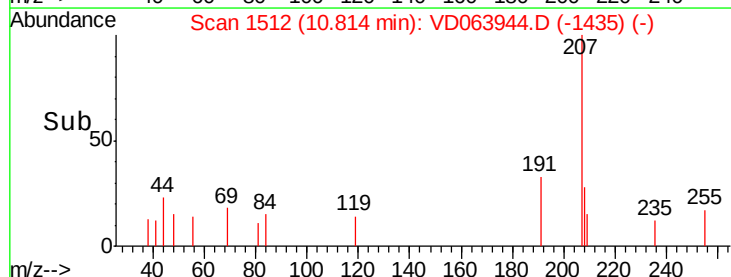
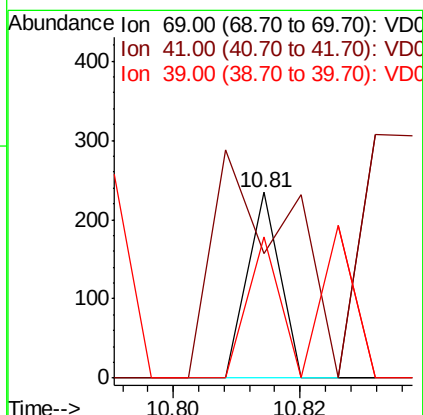
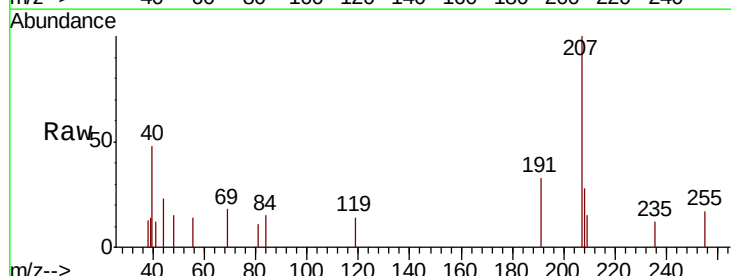
Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-I

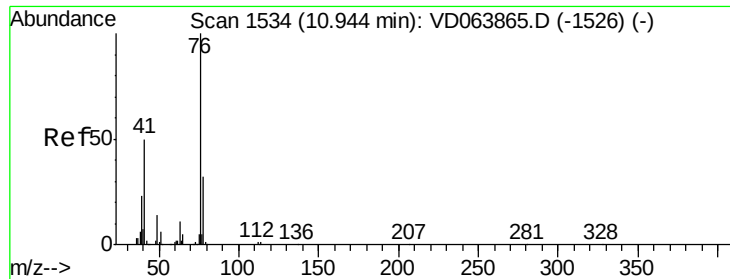
Tot Ion: 97 Resp: 74
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.7 104.5#
 85 0.0 48.1 72.1#
 99 0.0 51.9 77.9#



#56
 Ethyl methacrylate
 Concen: 167.226 ug/l
 RT: 10.81 min Scan# 1512
 Delta R.T. 0.15 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

Tgt Ion: 69 Resp: 83
 Ion Ratio Lower Upper
 69 100
 41 288.0 51.3 76.9#
 39 0.0 28.0 42.0#





#57

1,3-Dichloropropane

Concen: 104.385 ug/l

RT: 11.08 min Scan# 1558

Delta R.T. 0.14 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

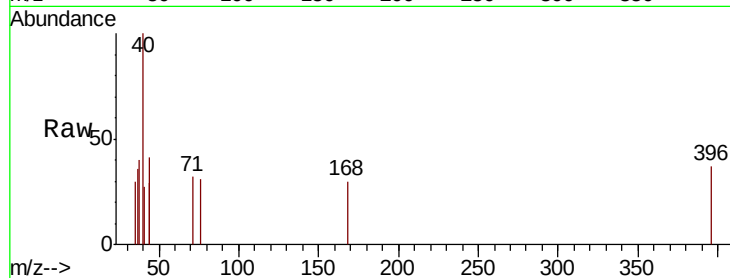
10-10-I

Tot Ion: 76 Resp: 70

Ion Ratio Lower Upper

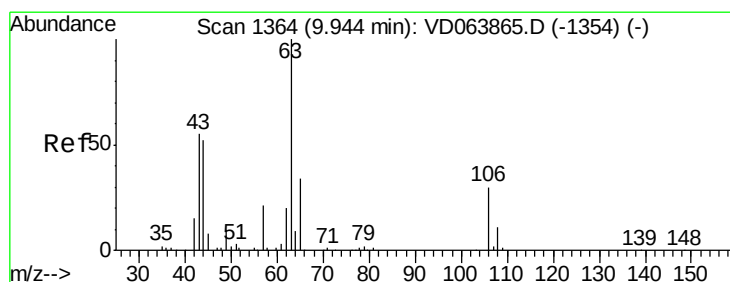
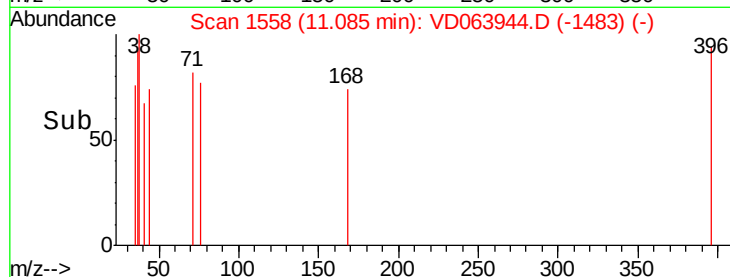
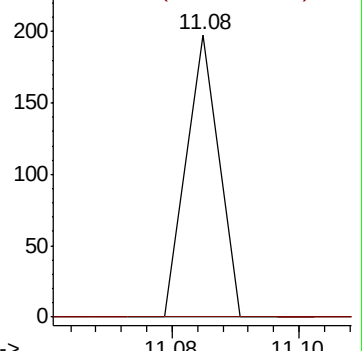
76 100

78 0.0 26.6 40.0#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 285.924 ug/l

RT: 10.06 min Scan# 1384

Delta R.T. 0.12 min

Lab File: VD063944.D

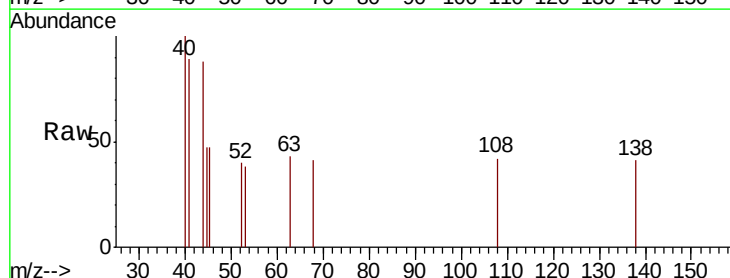
Acq: 11 Oct 2019 18:33

Tgt Ion: 63 Resp: 61

Ion Ratio Lower Upper

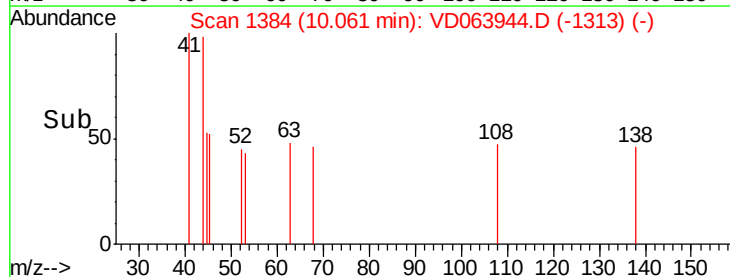
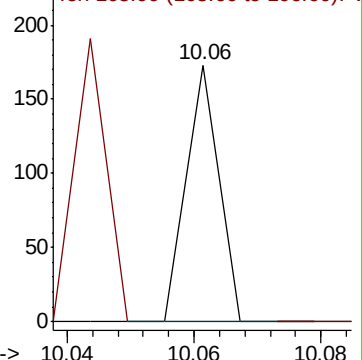
63 100

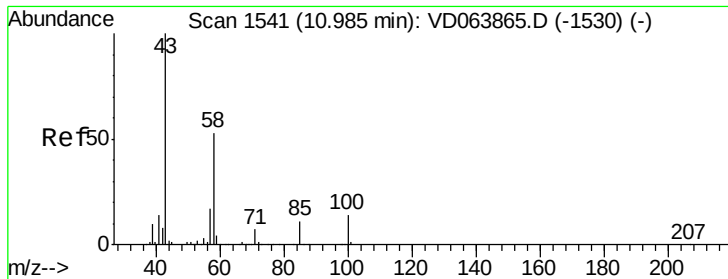
106 109.8 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

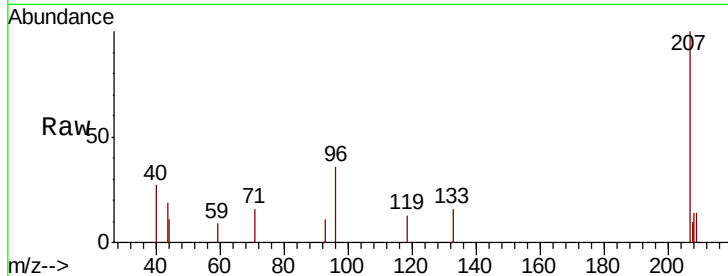




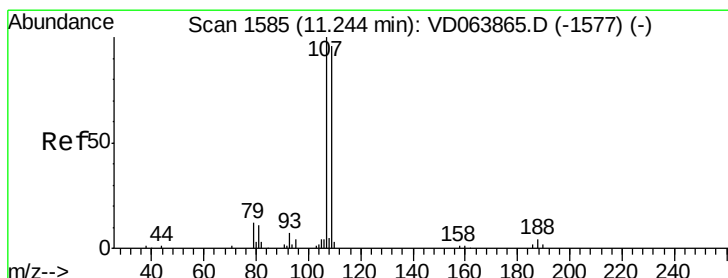
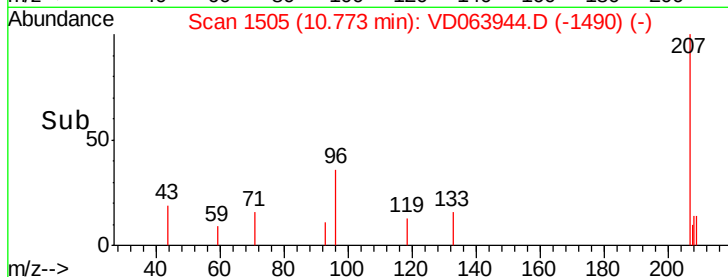
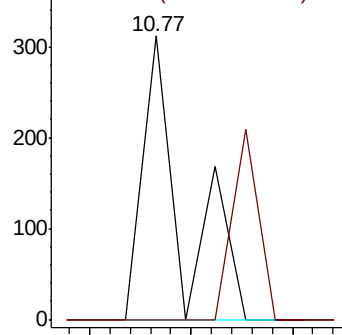
#59
2-Hexanone
Concen: 777.588 ug/l
RT: 10.77 min Scan# 1505
Delta R.T. -0.21 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampled :
10-10-I

Tot Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
58 43.5 27.7 83.0

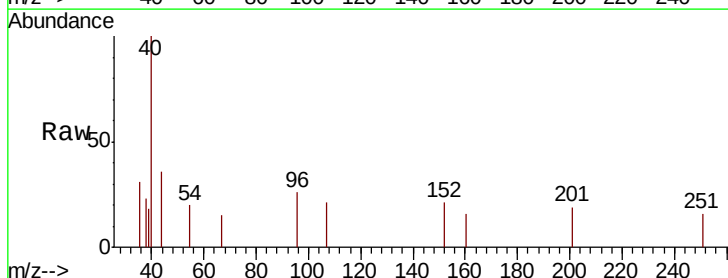


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

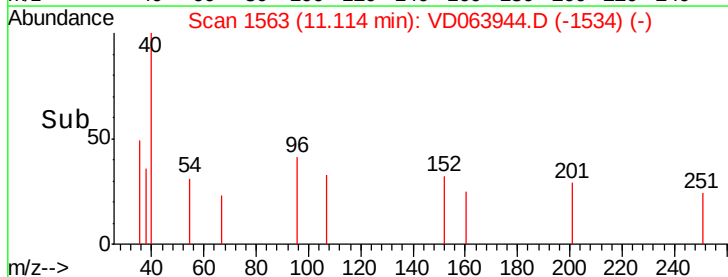
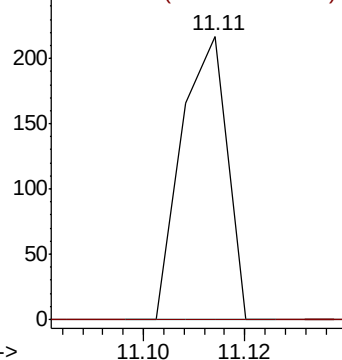


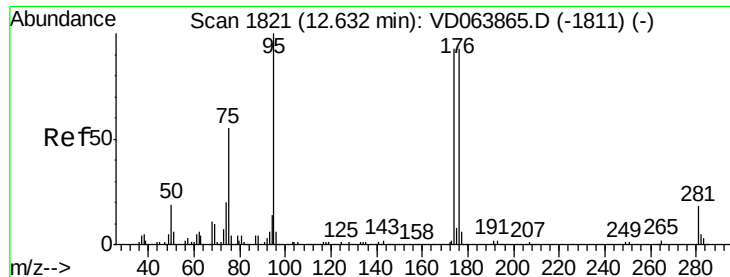
#61
1,2-Dibromoethane
Concen: 355.291 ug/l
RT: 11.11 min Scan# 1563
Delta R.T. -0.13 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 107 Resp: 135
Ion Ratio Lower Upper
107 100
109 0.0 75.2 112.8#



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

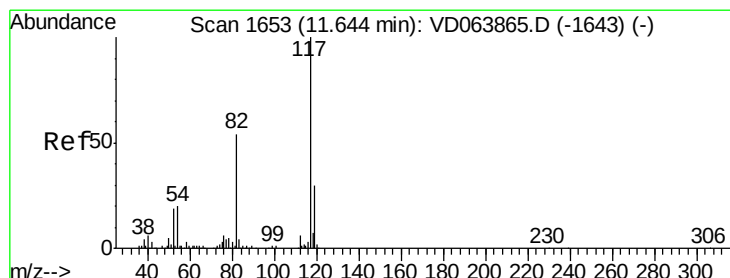
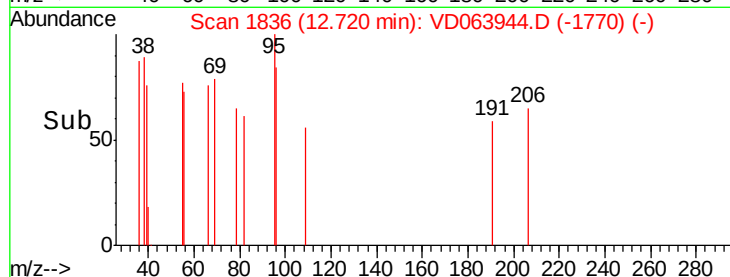
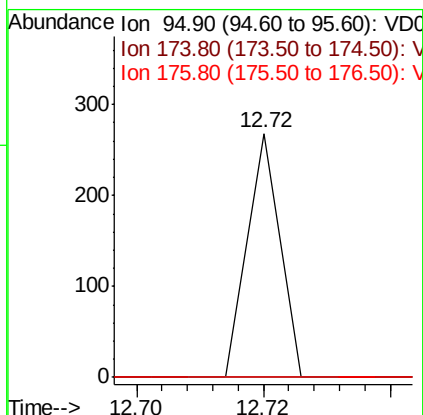
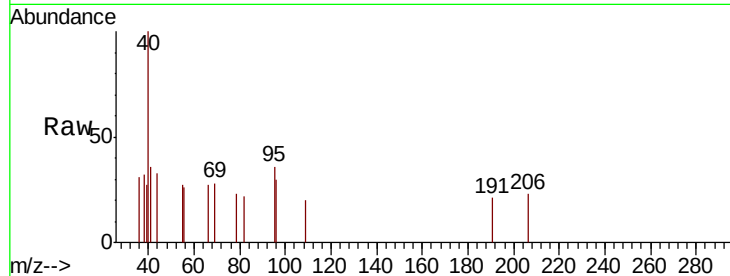




#62
4-Bromofluorobenzene
Concen: 145.017 ug/l
RT: 12.72 min Scan# 1836
Delta R.T. 0.09 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

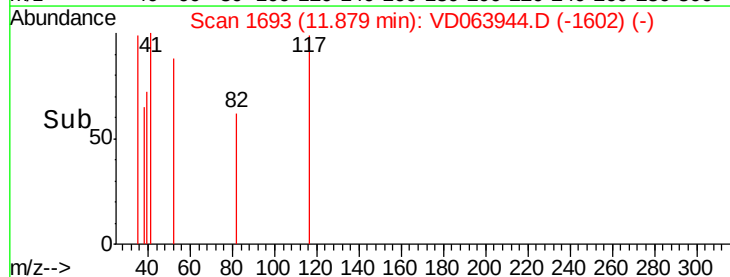
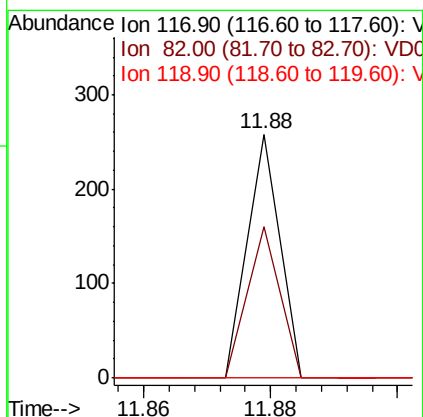
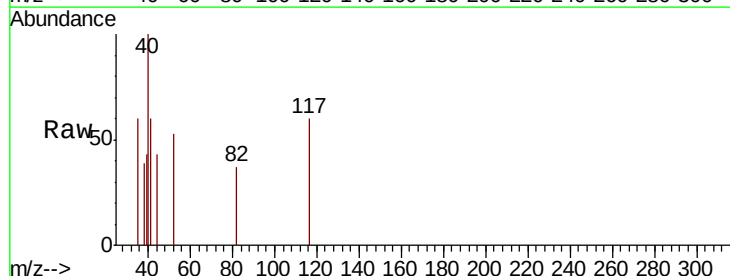
Instrument :
MSVOA_D
ClientSampleId :
10-10-I

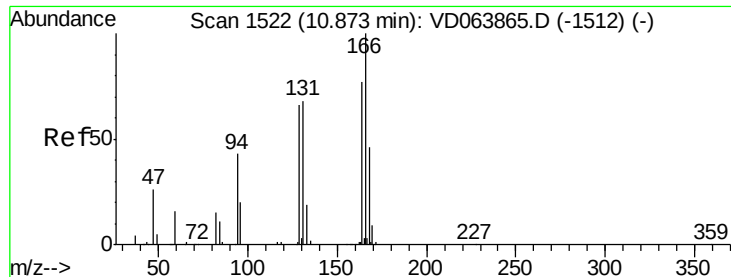
Tot Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	186.4
176	0.0	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.88 min Scan# 1693
Delta R.T. 0.24 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.0	42.8	64.2
119	0.0	24.4	36.6#





#64

Tetrachloroethene

Concen: 186.725 ug/l

RT: 10.96 min Scan# 1537

Delta R.T. 0.09 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

10-10-I

Tot Ion:164 Resp: 116

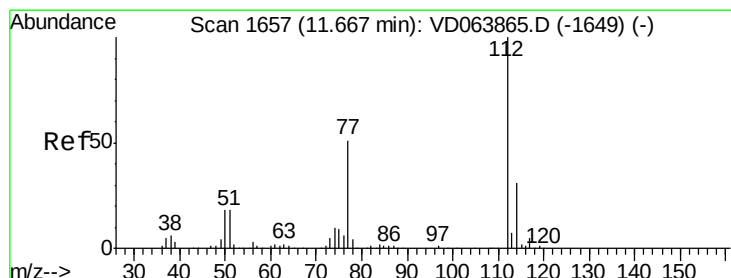
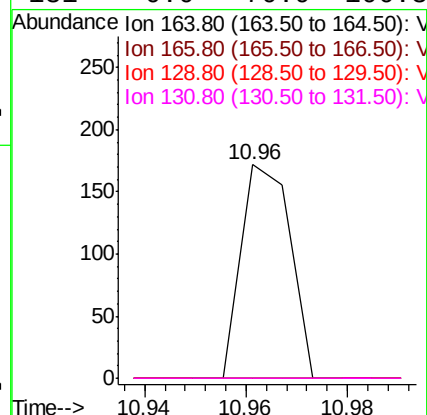
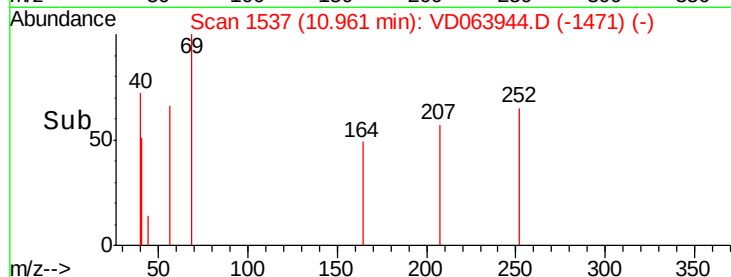
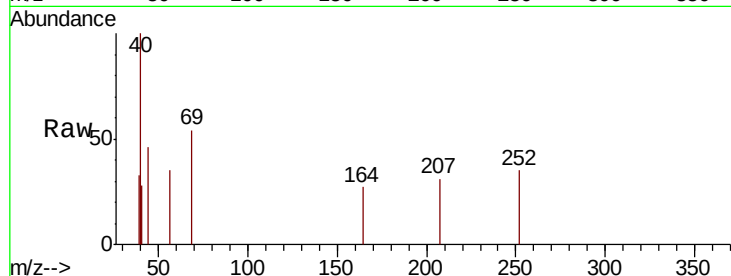
Ion Ratio Lower Upper

164 100

166 0.0 103.8 155.6#

129 0.0 68.9 103.3#

131 0.0 70.9 106.3#



#65

Chlorobenzene

Concen: 42.133 ug/l

RT: 11.53 min Scan# 1633

Delta R.T. -0.14 min

Lab File: VD063944.D

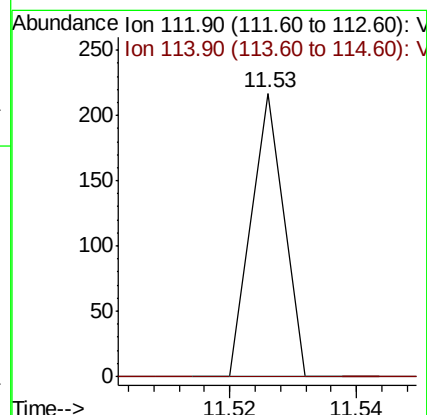
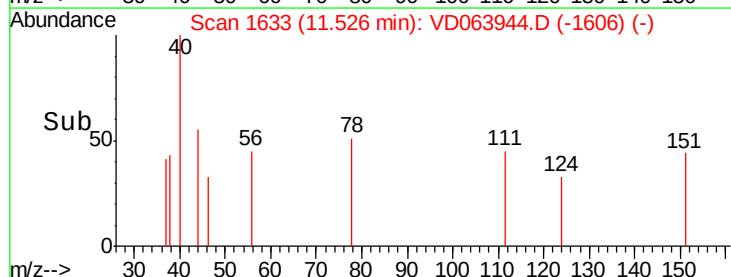
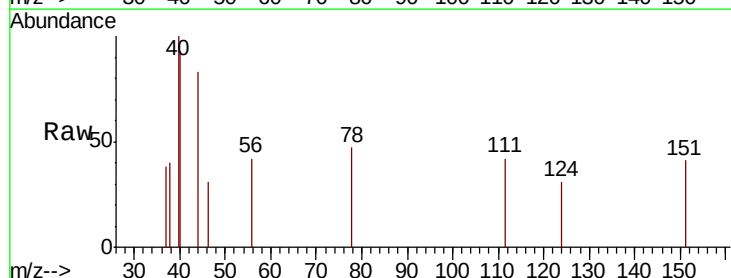
Acq: 11 Oct 2019 18:33

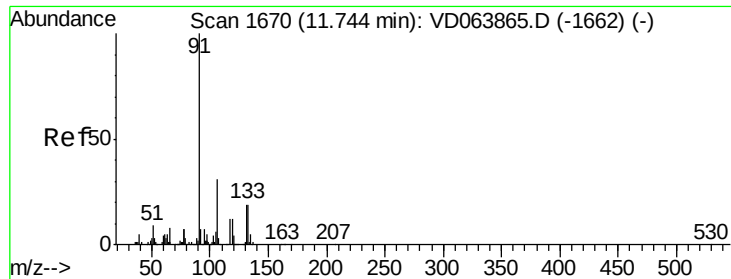
Tgt Ion:112 Resp: 77

Ion Ratio Lower Upper

112 100

114 0.0 25.1 37.7#





#66

1,1,1,2-Tetrachloroethane

Concen: 99.495 ug/l

RT: 11.78 min Scan# 1676

Delta R.T. 0.04 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

10-10-I

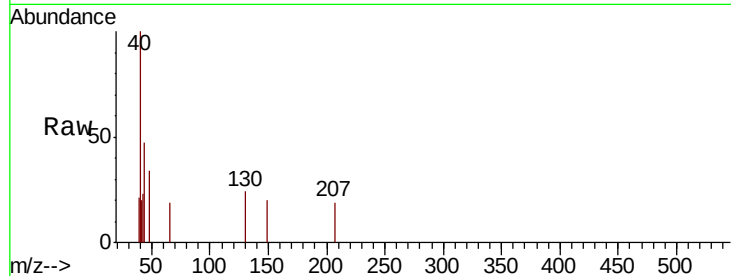
Tot Ion:131 Resp: 67

Ion Ratio Lower Upper

131 100

133 0.0 48.9 146.7#

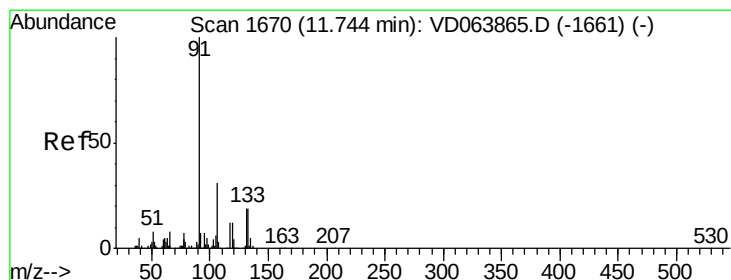
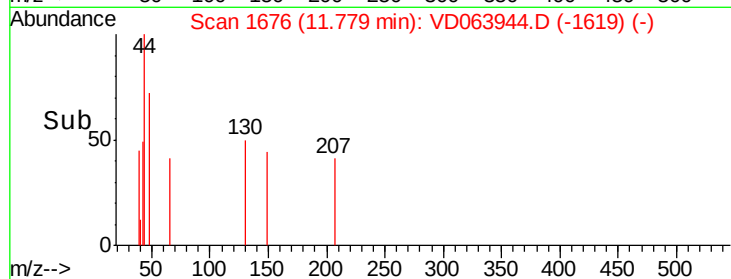
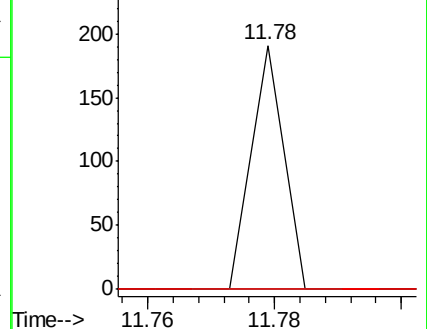
119 0.0 32.6 97.8#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 17.904 ug/l

RT: 11.68 min Scan# 1660

Delta R.T. -0.06 min

Lab File: VD063944.D

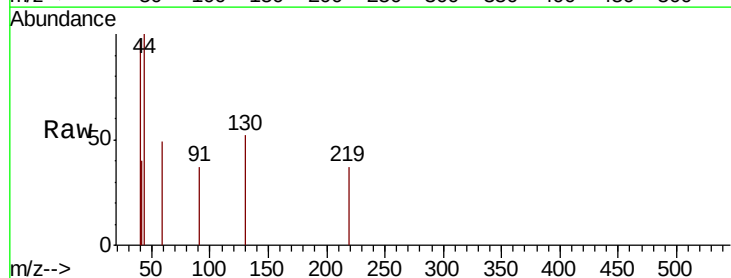
Acq: 11 Oct 2019 18:33

Tgt Ion: 91 Resp: 59

Ion Ratio Lower Upper

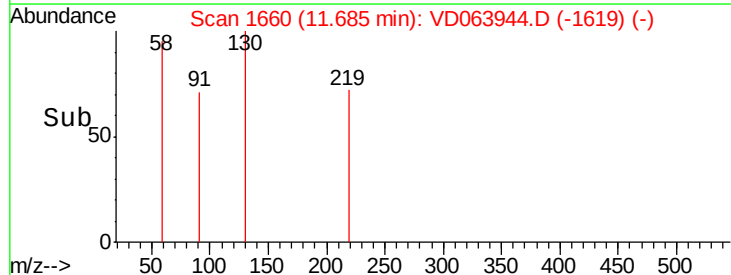
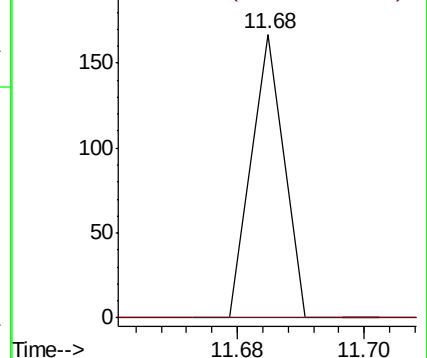
91 100

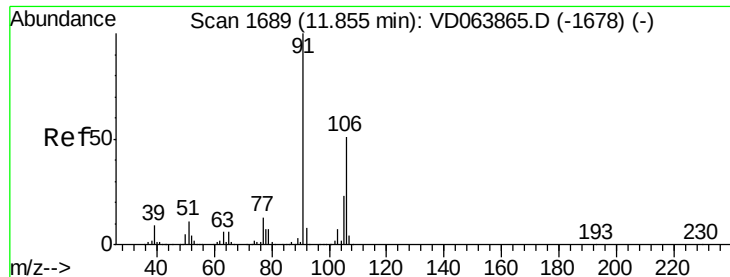
106 0.0 24.6 37.0#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

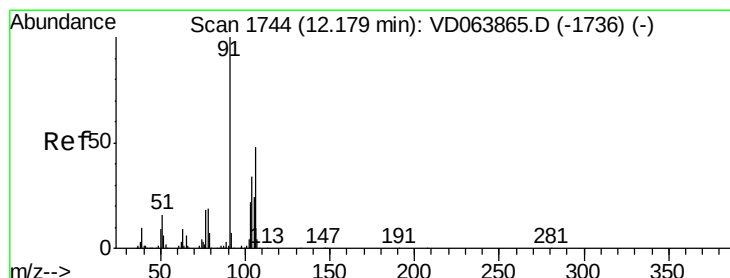
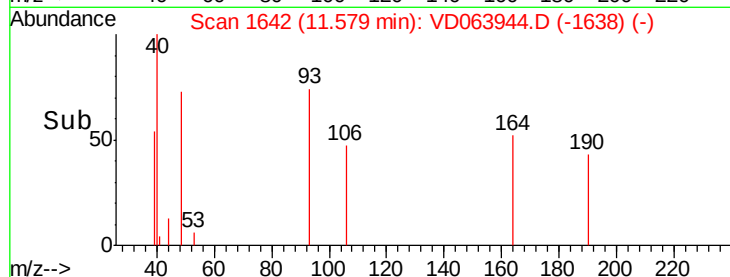
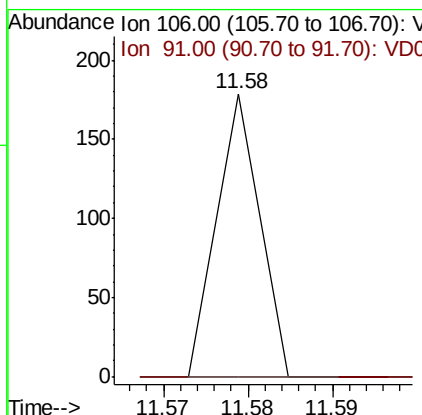
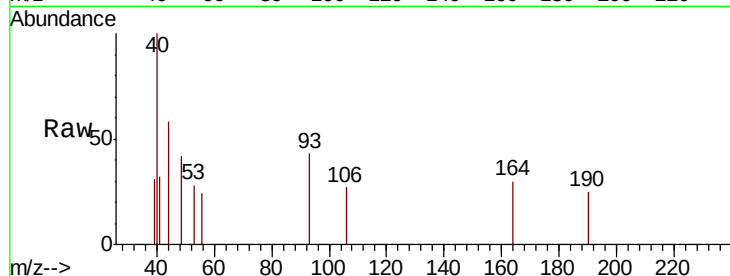




#68
m/p-Xylenes
Concen: 49.530 ug/l
RT: 11.58 min Scan# 1642
Delta R.T. -0.28 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

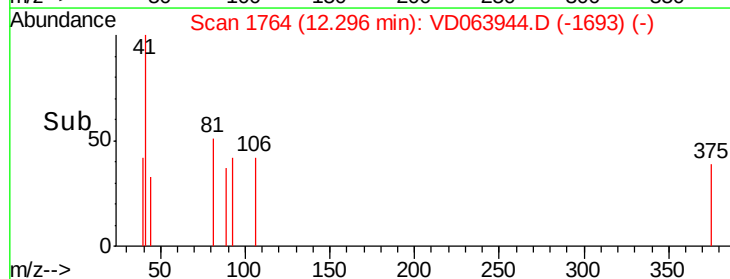
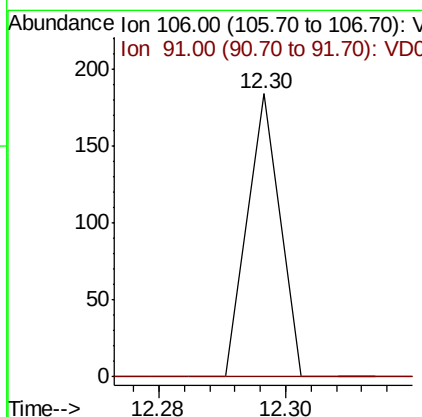
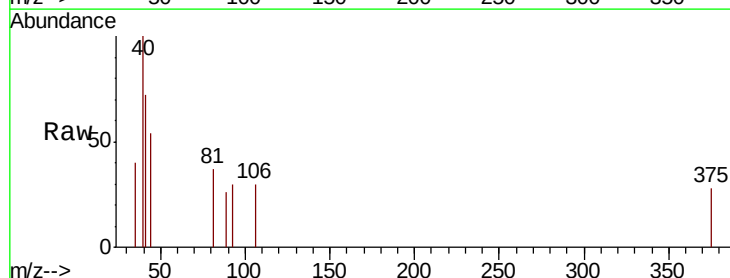
Instrument :
MSVOA_D
ClientSampleId :
10-10-I

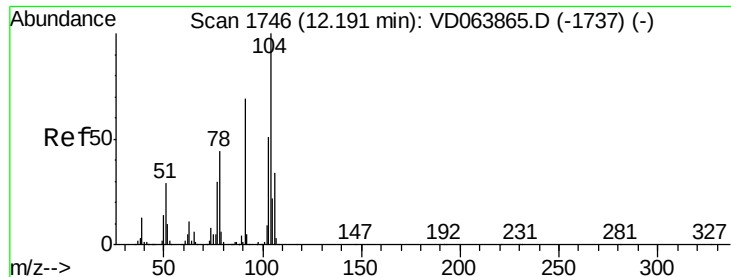
Tot Ion:106 Resp: 63
Ion Ratio Lower Upper
106 100
91 0.0 154.8 232.2#



#69
o-Xylene
Concen: 53.369 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.12 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion:106 Resp: 65
Ion Ratio Lower Upper
106 100
91 0.0 103.9 311.7#

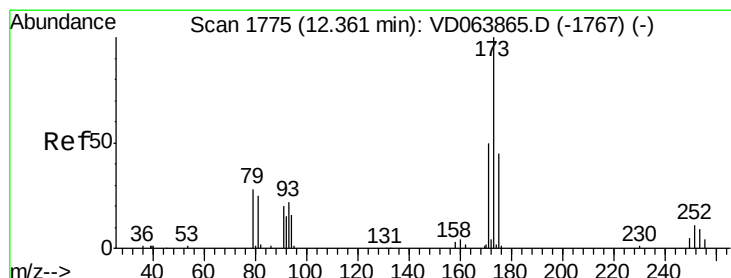
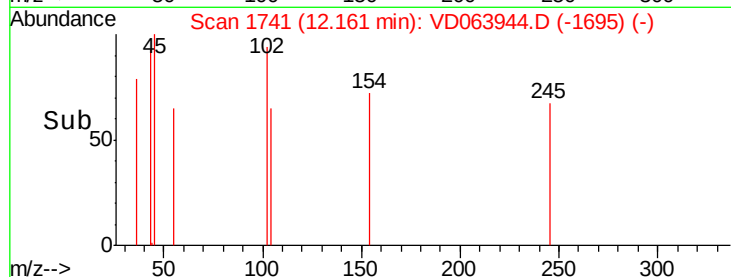
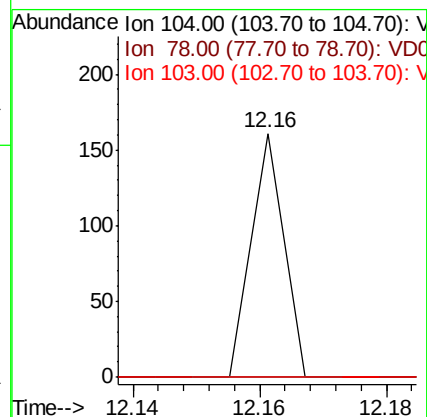
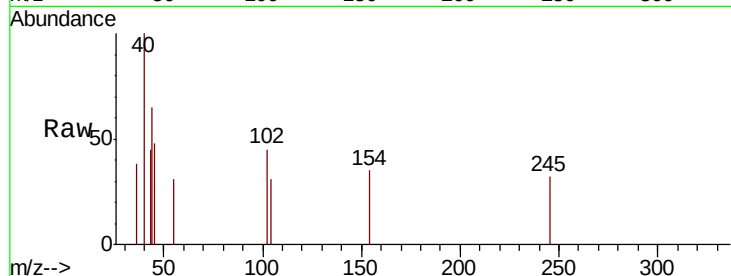




#70
Stvrene
Concen: 27.646 ug/l
RT: 12.16 min Scan# 1741
Delta R.T. -0.03 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

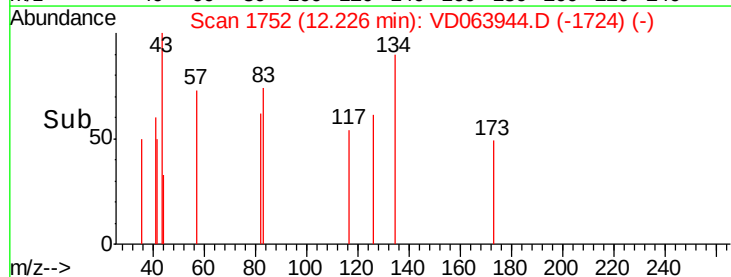
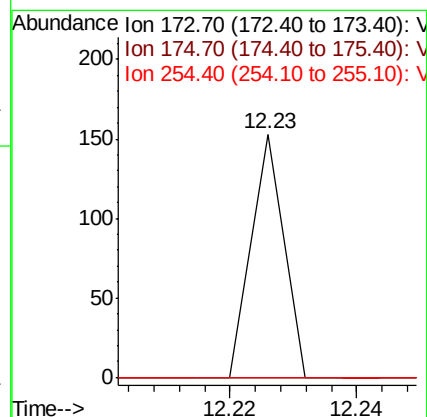
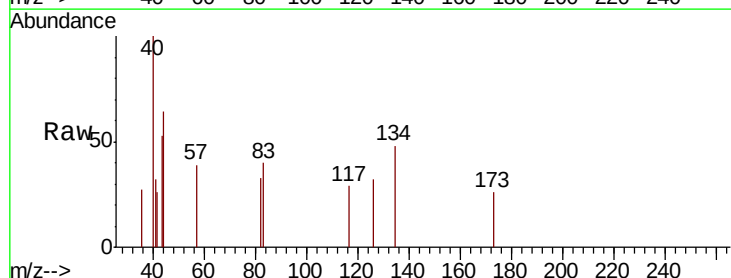
Instrument :
MSVOA_D
ClientSampleId :
10-10-I

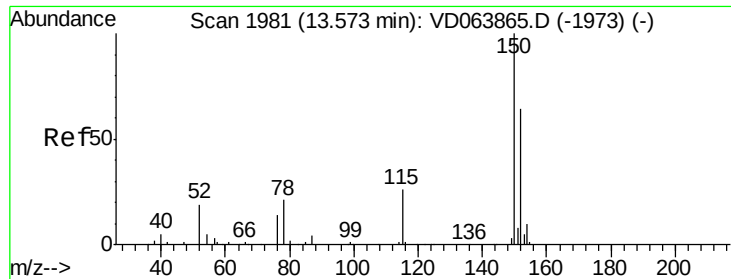
Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	37.0	55.4#
103	0.0	44.2	66.4#



#71
Bromoform
Concen: 149.421 ug/l
RT: 12.23 min Scan# 1752
Delta R.T. -0.14 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	74.0#
254	0.0	0.0	0.0

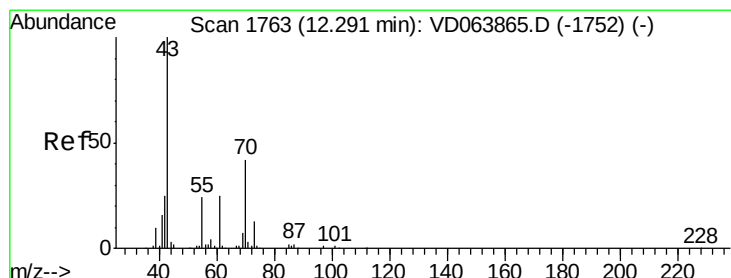
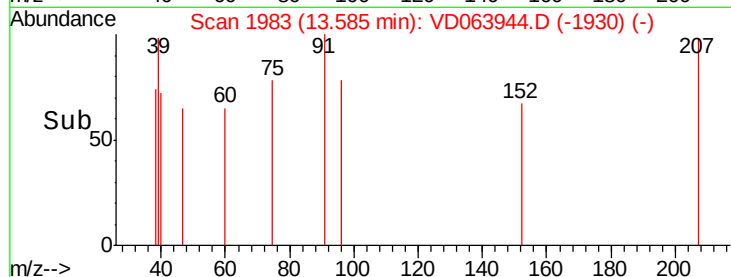
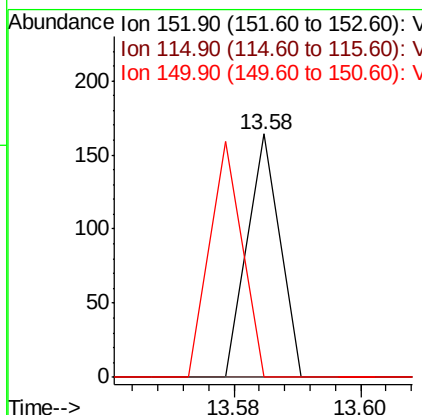
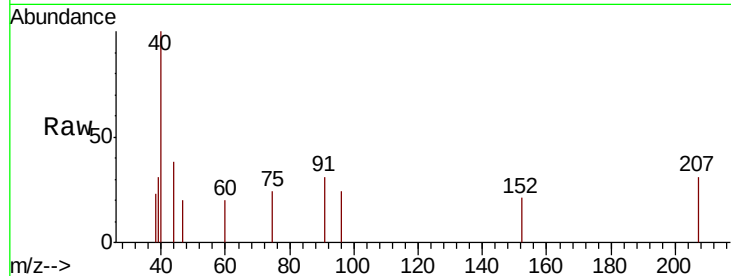




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

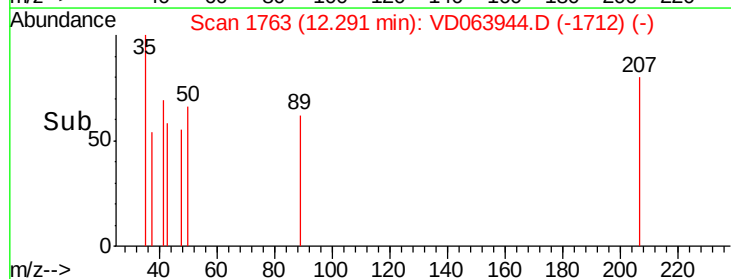
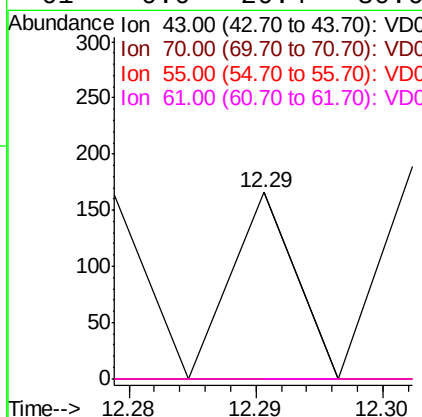
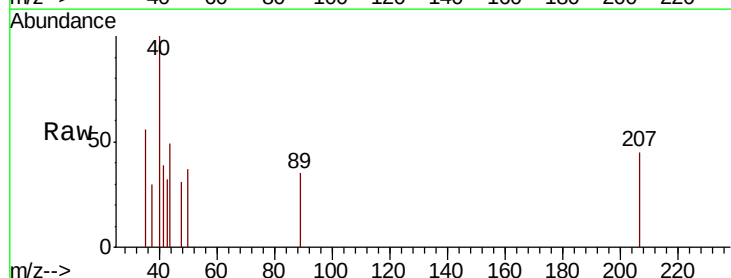
Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-I

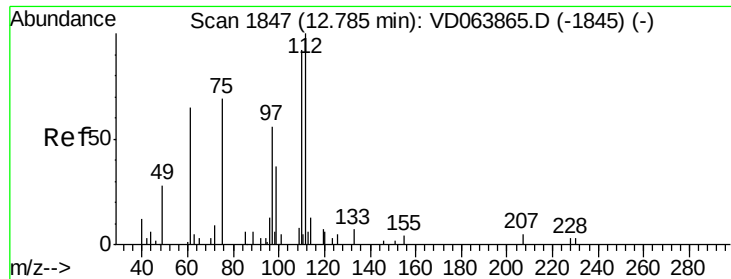
Tot Ion:152 Resp: 58
 Ion Ratio Lower Upper
 152 100
 115 0.0 25.9 77.7#
 150 96.6 0.0 344.2



#74
 N-ethyl acetate
 Concen: 70.282 ug/l
 RT: 12.29 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 59
 Ion Ratio Lower Upper
 43 100
 70 0.0 35.8 53.6#
 55 0.0 19.4 29.0#
 61 0.0 20.4 30.6#

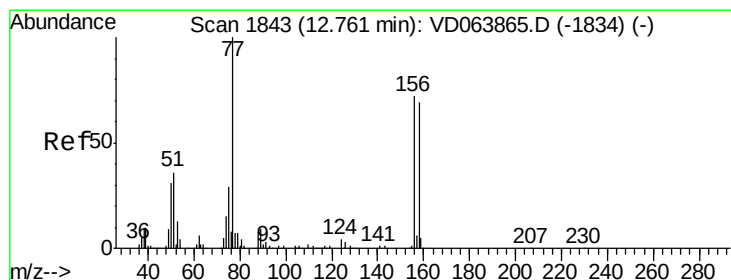
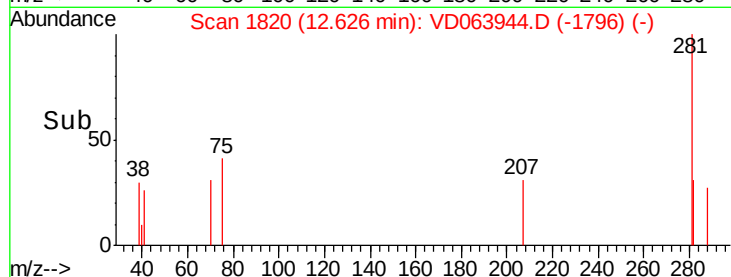
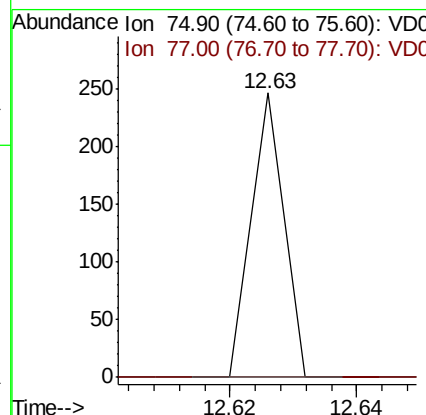
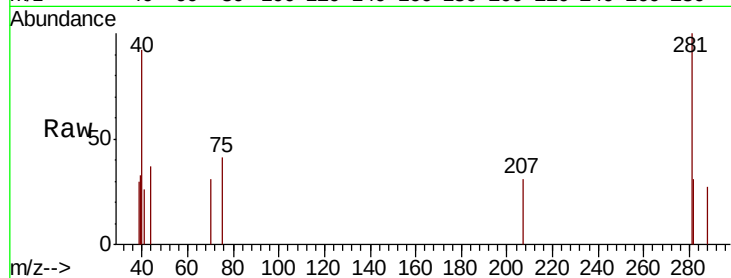




#76
 1,2,3-Trichloropropane
 Concen: 223.957 ug/l
 RT: 12.63 min Scan# 1820
 Delta R.T. -0.16 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

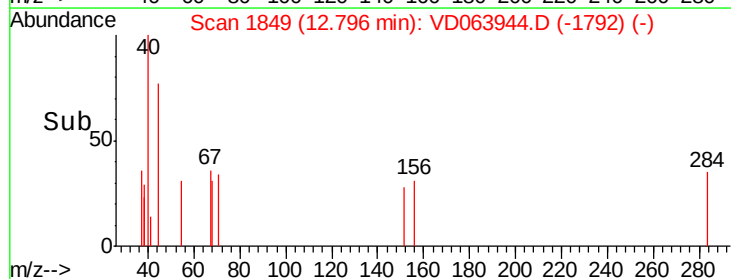
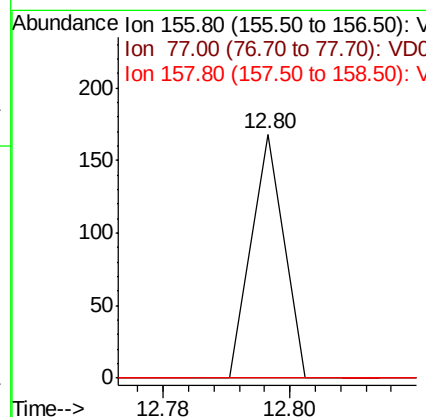
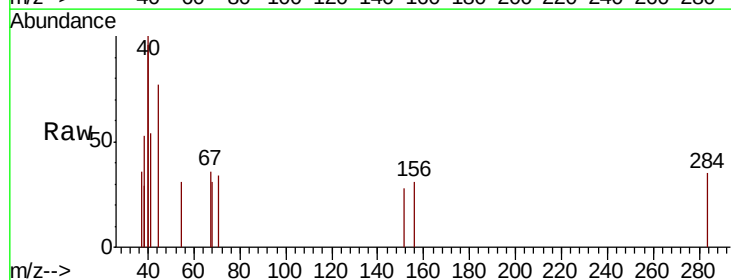
Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-I

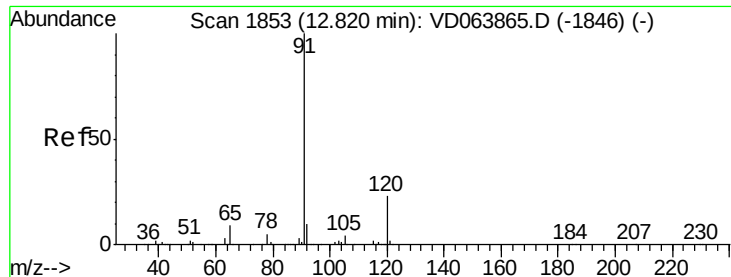
Tot Ion: 75 Resp: 87
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 60.736 ug/l
 RT: 12.80 min Scan# 1849
 Delta R.T. 0.04 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

Tgt Ion: 156 Resp: 59
 Ion Ratio Lower Upper
 156 100
 77 0.0 80.3 241.0#
 158 0.0 47.4 142.2#





#78

n-propylbenzene

Concen: 12.673 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

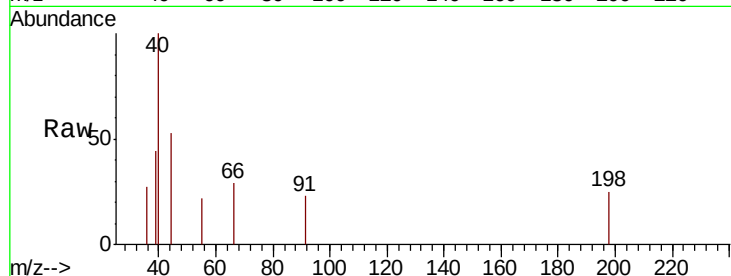
10-10-I

Tot Ion: 91 Resp: 58

Ion Ratio Lower Upper

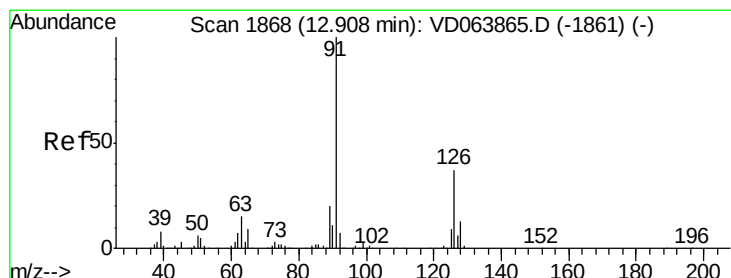
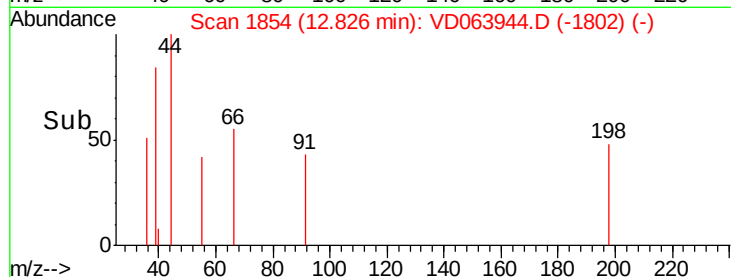
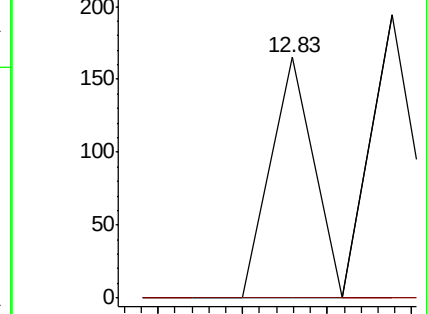
91 100

120 0.0 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: 22.983 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.08 min

Lab File: VD063944.D

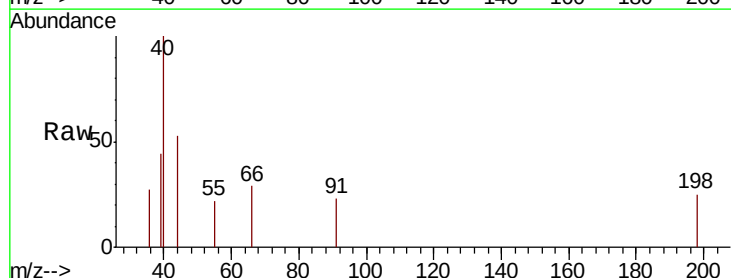
Acq: 11 Oct 2019 18:33

Tgt Ion: 91 Resp: 58

Ion Ratio Lower Upper

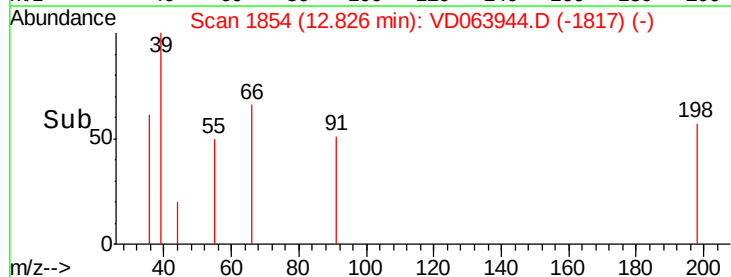
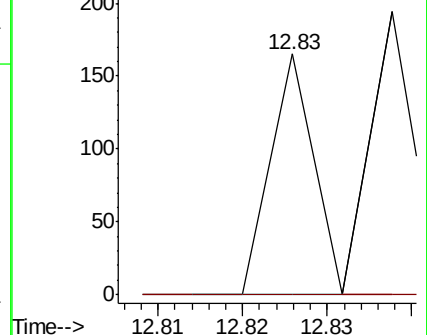
91 100

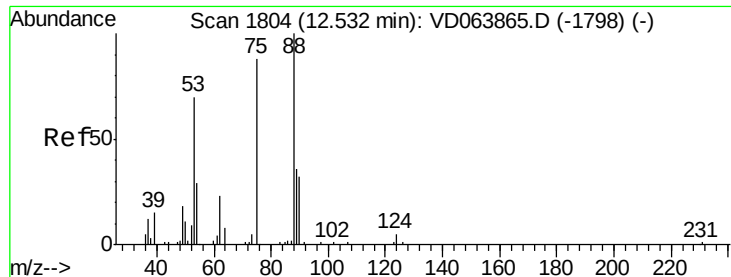
126 0.0 18.4 55.2#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 373.537 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. -0.04 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

10-10-I

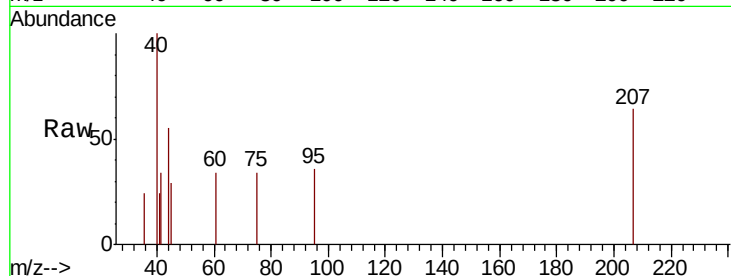
Tot Ion: 75 Resp: 82

Ion Ratio Lower Upper

75 100

53 0.0 75.0 112.6#

89 0.0 38.2 57.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

12.49

250

200

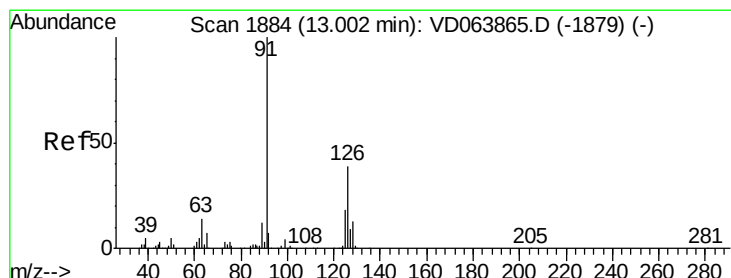
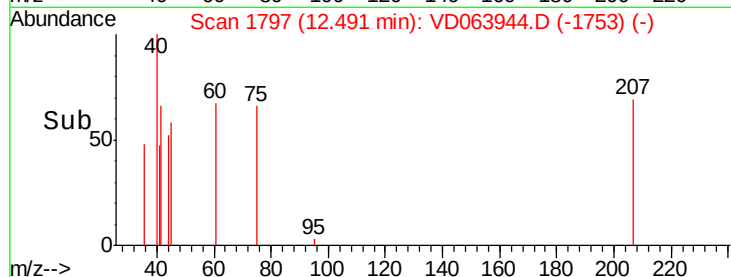
150

100

50

0

Time--> 12.48 12.50



#82

4-Chlorotoluene

Concen: 21.292 ug/l

RT: 13.07 min Scan# 1895

Delta R.T. 0.06 min

Lab File: VD063944.D

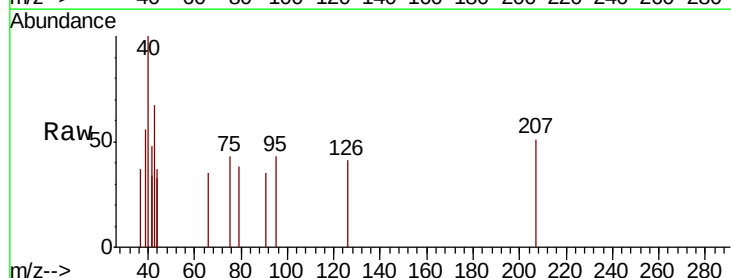
Acq: 11 Oct 2019 18:33

Tgt Ion: 91 Resp: 57

Ion Ratio Lower Upper

91 100

126 115.8 18.6 55.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

200

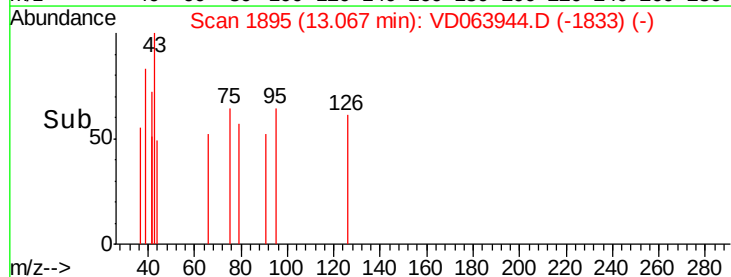
150

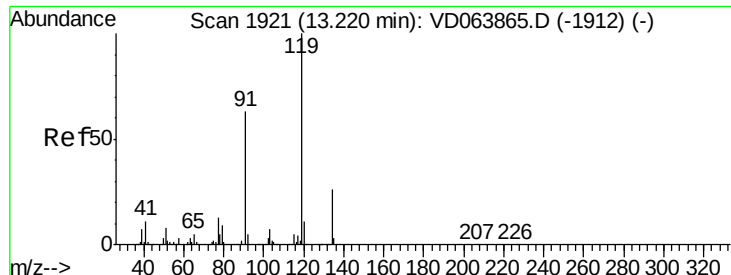
100

50

0

Time--> 13.06 13.08

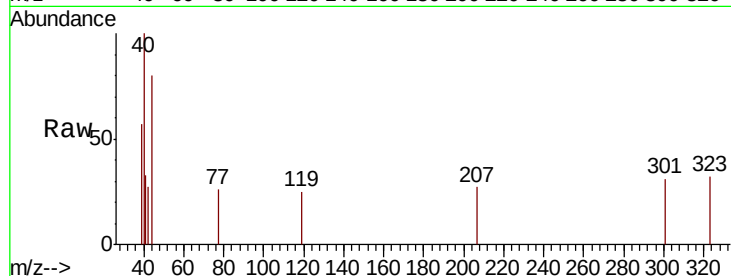




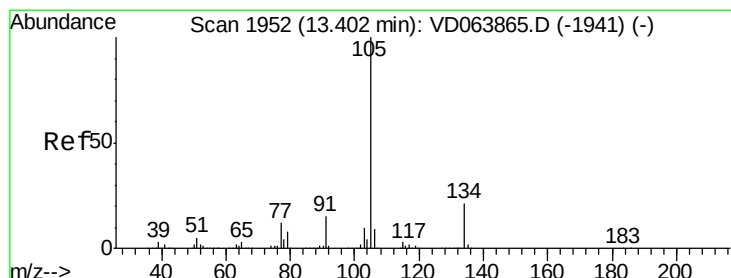
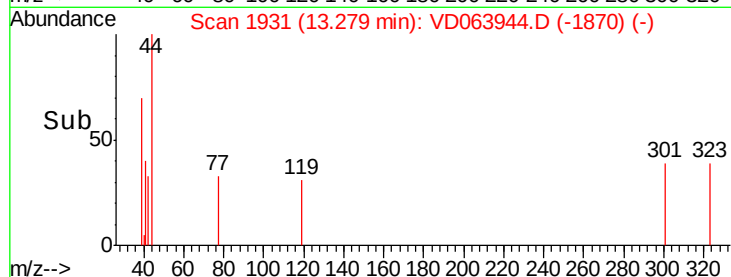
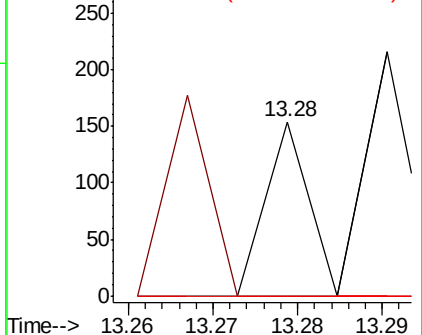
#83
tert-Butylbenzene
Concen: 18.653 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.06 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tot Ion:119 Resp: 54
Ion Ratio Lower Upper
119 100
91 114.8 30.0 90.0#
134 0.0 13.0 38.9#

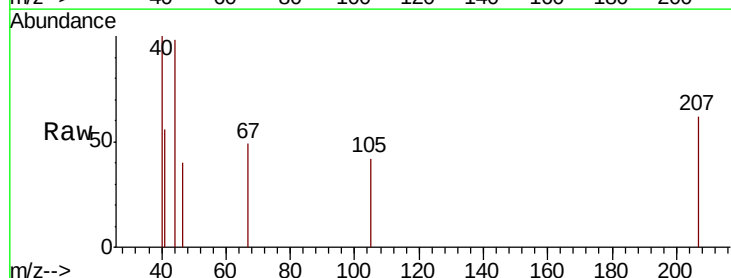


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

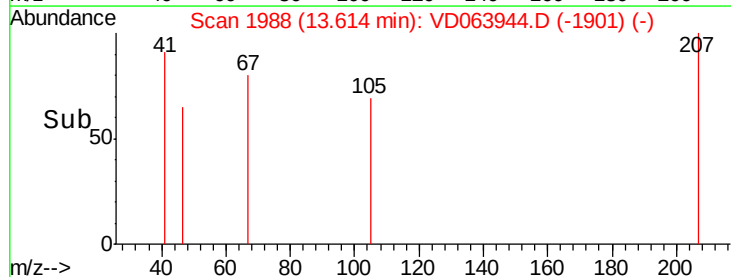
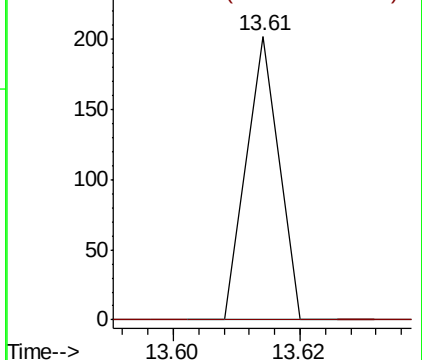


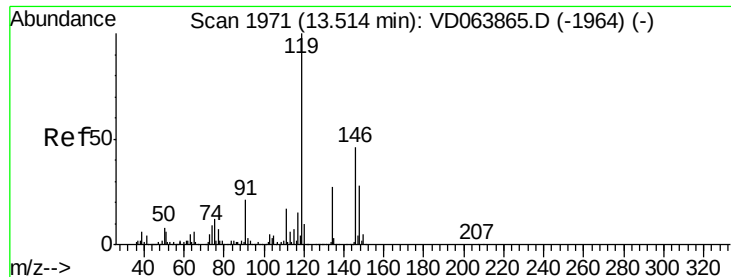
#85
sec-Butylbenzene
Concen: 18.160 ug/l
RT: 13.61 min Scan# 1988
Delta R.T. 0.21 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion:105 Resp: 71
Ion Ratio Lower Upper
105 100
134 0.0 10.6 31.8#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

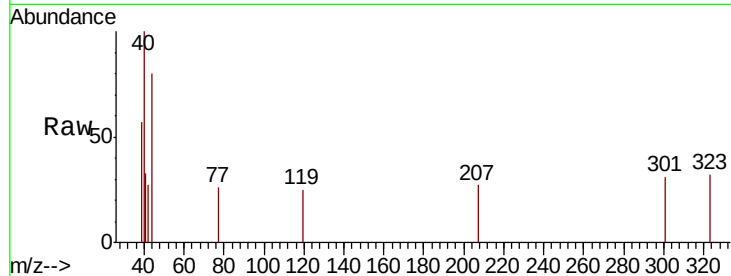




#86
 p-Isopropyltoluene
 Concen: 14.596 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. -0.24 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-I

Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.9	41.6#
91	114.8	11.2	33.5#

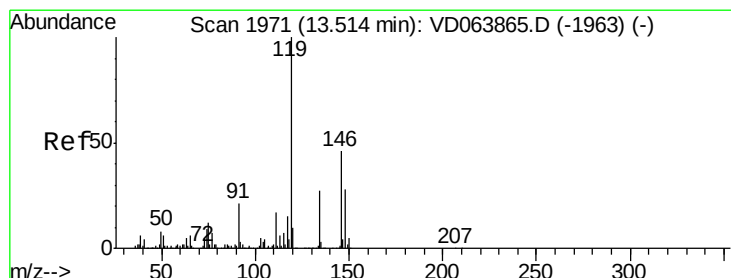
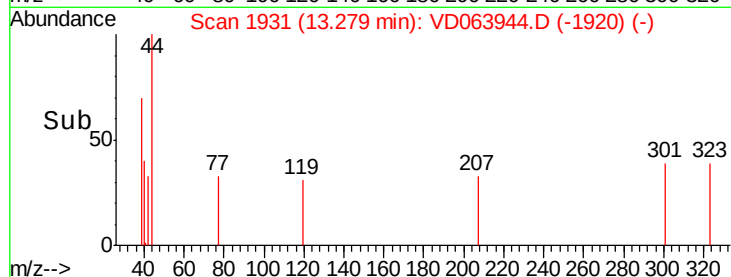
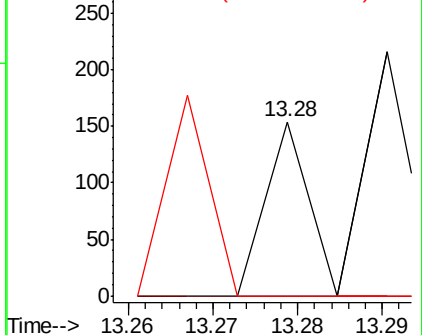


Abundance

Ion 119.00 (118.70 to 119.70): V

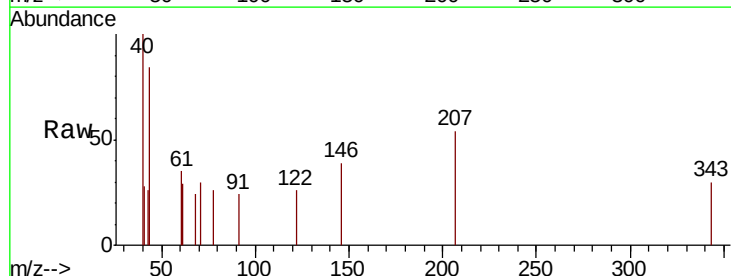
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87
 1,3-Dichlorobenzene
 Concen: 45.847 ug/l
 RT: 13.68 min Scan# 2000
 Delta R.T. 0.17 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.3	54.9#
148	0.0	31.8	95.4#

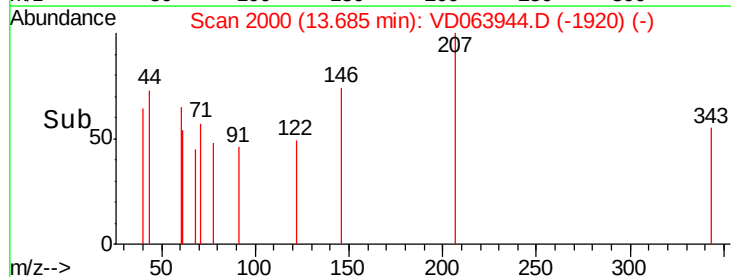
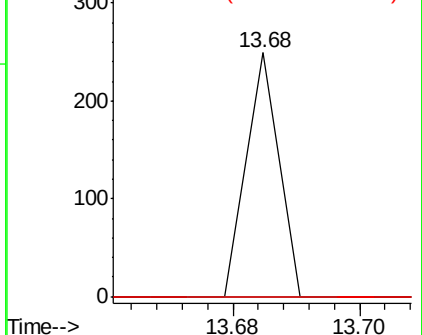


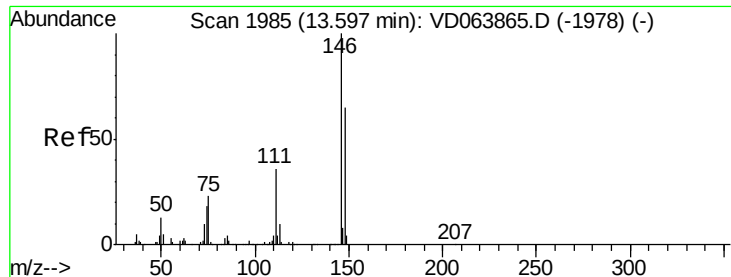
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 46.473 ug/l

RT: 13.68 min Scan# 2000

Delta R.T. 0.09 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

10-10-I

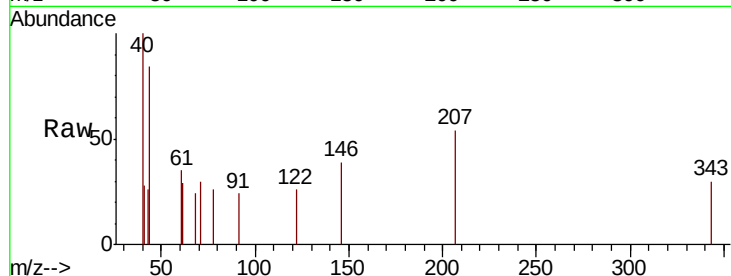
Tot Ion:146 Resp: 88

Ion Ratio Lower Upper

146 100

111 0.0 18.6 56.0#

148 0.0 32.6 98.0#



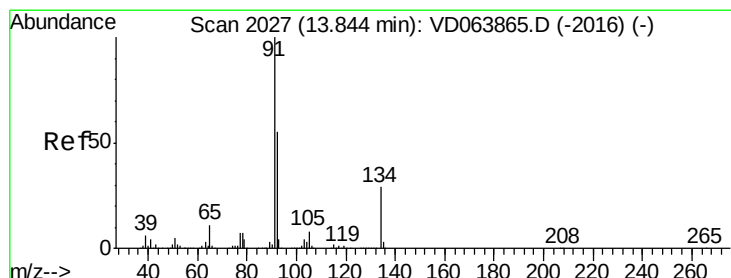
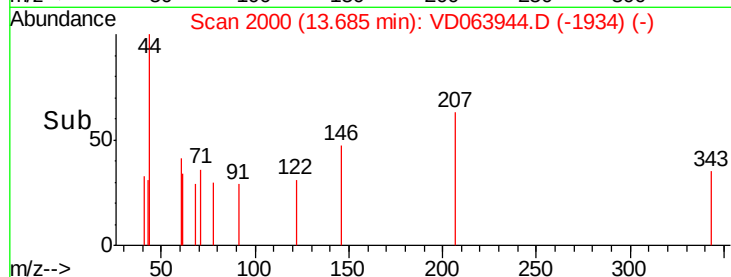
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.68

Time-->



#89

n-Butylbenzene

Concen: 20.908 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.05 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

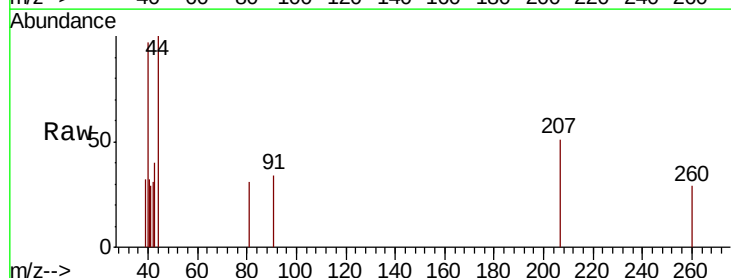
Tgt Ion: 91 Resp: 72

Ion Ratio Lower Upper

91 100

92 0.0 26.8 80.3#

134 0.0 14.4 43.0#



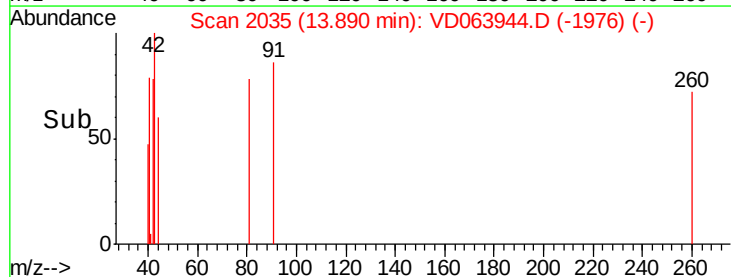
Abundance Ion 91.00 (90.70 to 91.70): V

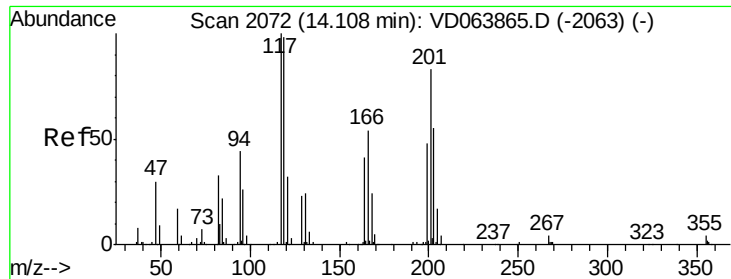
Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

13.89

Time-->





#90

Hexachloroethane

Concen: 87.168 ug/l

RT: 14.10 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

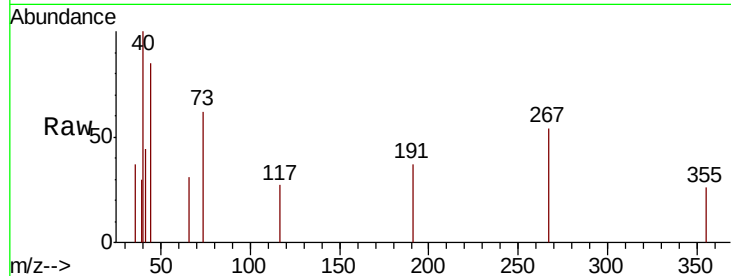
10-10-I

Tot Ion:117 Resp: 58

Ion Ratio Lower Upper

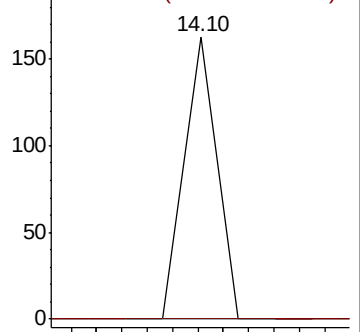
117 100

201 0.0 40.6 121.7#

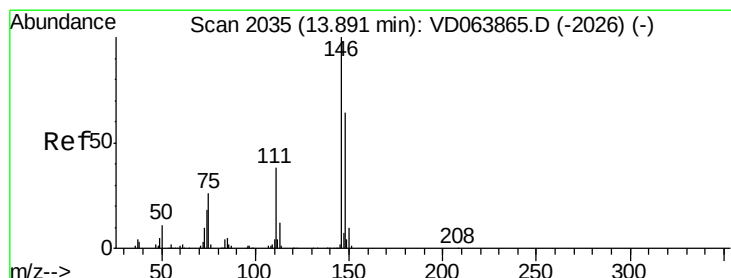
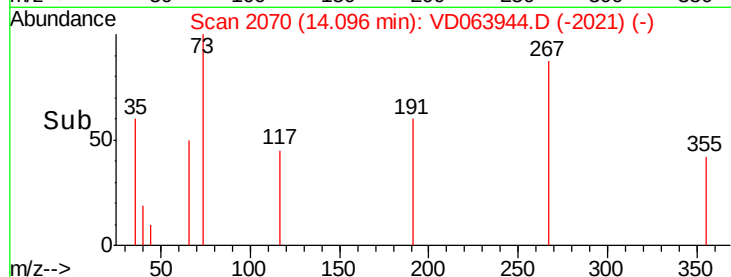


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



Time-->



#91

1,2-Dichlorobenzene

Concen: 53.200 ug/l

RT: 13.68 min Scan# 2000

Delta R.T. -0.21 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

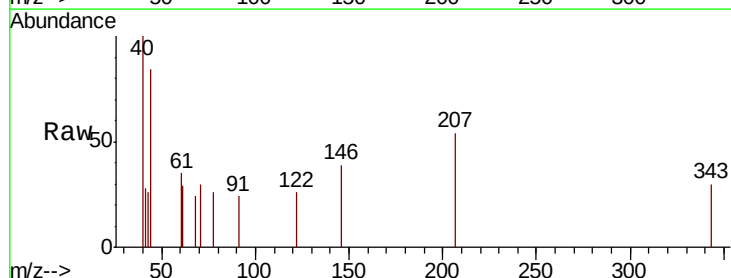
Tgt Ion:146 Resp: 88

Ion Ratio Lower Upper

146 100

111 0.0 18.6 55.6#

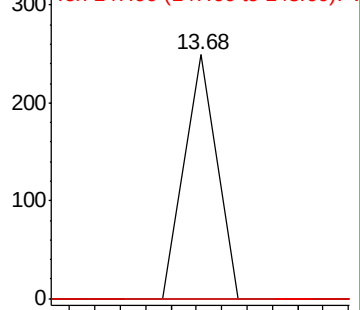
148 0.0 31.6 95.0#



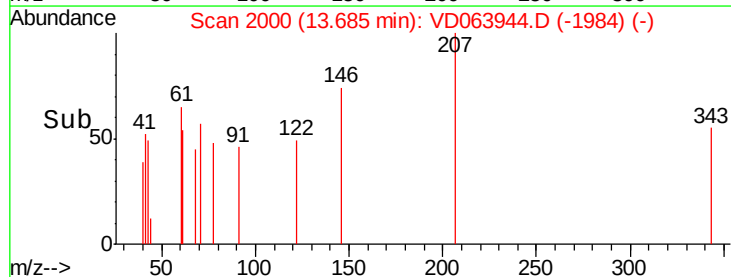
Abundance Ion 145.90 (145.60 to 146.60): V

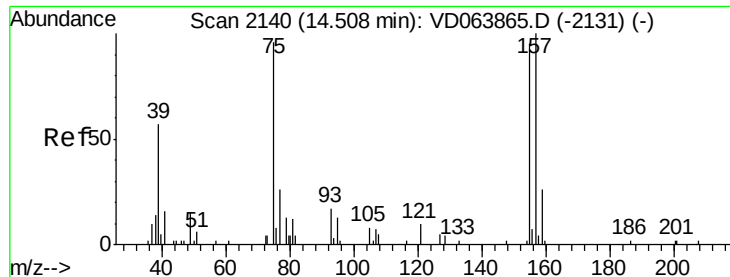
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 576.050 ug/l

RT: 14.60 min Scan# 2155

Delta R.T. 0.09 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

10-10-I

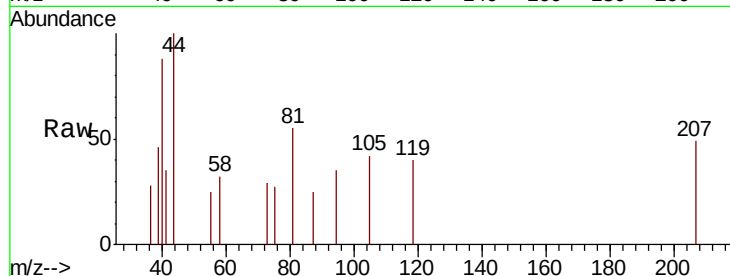
Tot Ion: 75 Resp: 58

Ion Ratio Lower Upper

75 100

155 0.0 43.9 131.6#

157 0.0 56.0 167.9#



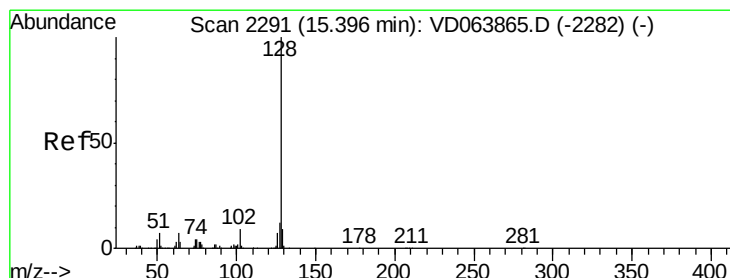
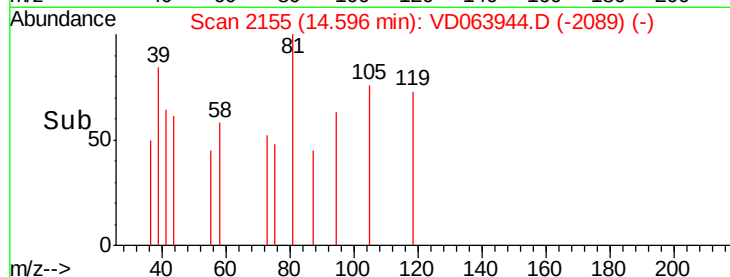
Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.60

Time-->



#95

Naphthalene

Concen: 34.029 ug/l

RT: 15.18 min Scan# 2255

Delta R.T. -0.21 min

Lab File: VD063944.D

Acq: 11 Oct 2019 18:33

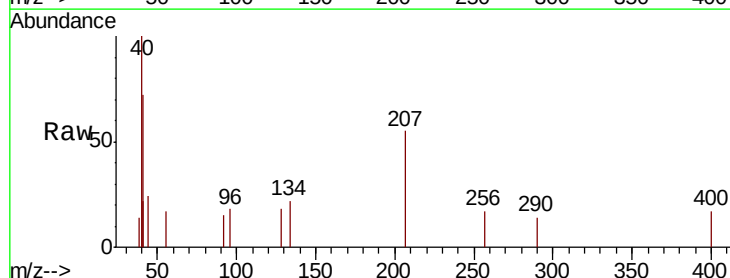
Tgt Ion: 128 Resp: 73

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#



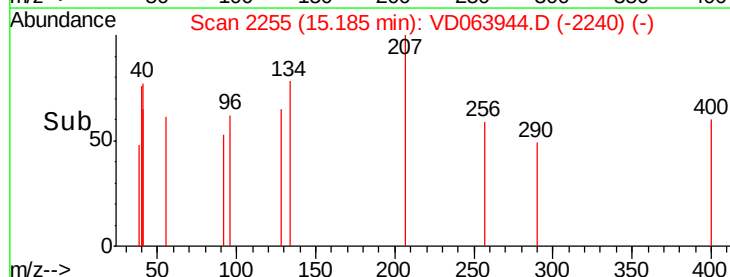
Abundance Ion 128.00 (127.70 to 128.70): V

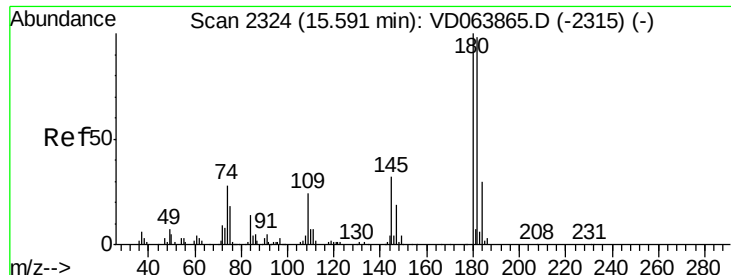
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.18

Time-->

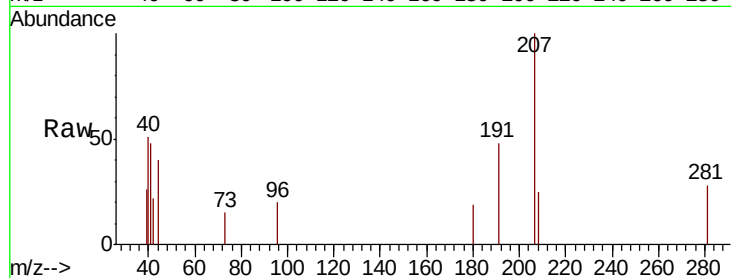




#96
 1,2,3-Trichlorobenzene
 Concen: 61.750 ug/l
 RT: 15.46 min Scan# 2301
 Delta R.T. -0.14 min
 Lab File: VD063944.D
 Acq: 11 Oct 2019 18:33

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-I

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.0	141.0#
145	0.0	15.3	45.9#



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

