

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063905.D
 Acq On : 10 Oct 2019 12:51
 Operator : VA/SY
 Sample : K5292-02
 Misc : 5.05G/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

Quant Time: Oct 11 07:37:35 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	7.99	168	6830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	10422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	8938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	4593	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	4604	69.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.48%	
35) Dibromofluoromethane	7.93	113	3791	59.52	ug/l	0.01
Spiked Amount	50.000		Recovery	=	119.04%	
50) Toluene-d8	10.34	98	12062	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	12.64	95	3864	43.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.05	85	64	1.321	ug/l #	47
4) Vinyl Chloride	2.36	62	437	2.791	ug/l #	83
5) Bromomethane	2.78	94	334	3.319	ug/l #	5
6) Chloroethane	2.93	64	428	4.134	ug/l #	46
8) Diethyl Ether	3.84	74	66	1.987	ug/l	73
10) Methyl Iodide	4.31	142	108	1.368	ug/l #	40
11) Tert butyl alcohol	5.24	59	54	3.791	ug/l #	71
12) 1,1-Dichloroethene	4.06	96	90	1.572	ug/l #	47
13) Acrolein	3.94	56	149	25.089	ug/l #	17
15) Acrylonitrile	5.51	53	67	4.574	ug/l #	8
16) Acetone	4.17	43	1294	74.744	ug/l #	60
17) Carbon Disulfide	4.41	76	407	1.956	ug/l #	79
18) Methyl Acetate	4.73	43	144	4.253	ug/l #	49
20) Methylene Chloride	5.11	84	70	Below Cal	#	1
21) trans-1,2-Dichloroethene	5.60	96	155	2.175	ug/l #	1
23) Vinyl Acetate	6.31	43	239	2.067	ug/l #	71
25) 2-Butanone	7.24	43	291	14.183	ug/l #	51
27) cis-1,2-Dichloroethene	7.24	96	144	1.785	ug/l #	61
28) Bromochloromethane	7.57	49	73	3.408	ug/l #	10
29) Tetrahydrofuran	7.57	42	62	5.177	ug/l #	31
30) Chloroform	7.72	83	158	1.215	ug/l #	20
31) Cyclohexane	7.98	56	138	Below Cal	#	1
32) 1,1,1-Trichloroethane	7.89	97	204	1.829	ug/l #	24
36) 1,1-Dichloropropene	8.12	75	282	2.959	ug/l #	41
37) Ethyl Acetate	7.29	43	80	Below Cal	#	68
40) Benzene	8.36	78	687	2.516	ug/l #	52
41) Methacrylonitrile	7.53	41	219	9.913	ug/l #	14
42) 1,2-Dichloroethane	8.44	62	125	1.582	ug/l #	1
45) 1,2-Dichloropropane	9.39	63	79	1.182	ug/l #	41
46) Dibromomethane	9.30	93	126	3.310	ug/l #	3
48) Methyl methacrylate	9.44	41	121	3.160	ug/l #	37
49) 1,4-Dioxane	9.42	88	62	119.323	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	652	15.732	ug/l #	34
52) Toluene	10.41	92	509	2.715	ug/l #	72

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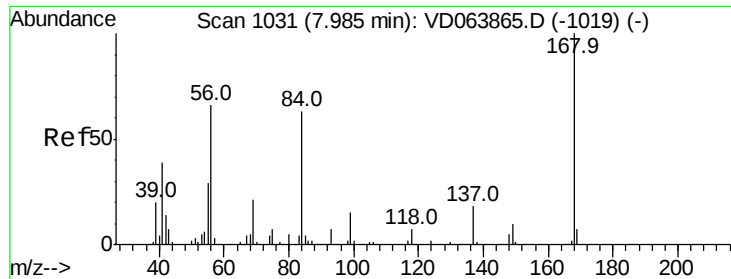
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

55) 1,1,2-Trichloroethane	10.81	97	54	1.005	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.96	63	74	2.529	ug/l #	44
59) 2-Hexanone	10.88	43	162	5.404	ug/l	74
64) Tetrachloroethene	10.88	164	296	4.851	ug/l #	27
65) Chlorobenzene	11.66	112	322	1.794	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.47	131	111	1.678	ug/l #	8
67) Ethyl Benzene	11.76	91	1049	3.241	ug/l #	44
68) m/p-Xylenes	11.86	106	567	4.539	ug/l #	57
69) o-Xylene	12.18	106	261	2.182	ug/l #	32
70) Styrene	12.19	104	346	1.709	ug/l #	73
73) Isopropylbenzene	12.47	105	552	1.788	ug/l #	48
74) N-amyl acetate	12.27	43	337	5.069	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.74	83	62	1.154	ug/l #	7
76) 1,2,3-Trichloropropane	12.77	75	336	10.922	ug/l #	100
78) n-propylbenzene	12.82	91	944	2.605	ug/l #	65
80) 1,3,5-Trimethylbenzene	12.95	105	319	1.238	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.64	75	2501	143.868	ug/l #	17
83) tert-Butylbenzene	13.22	119	686	2.992	ug/l #	79
84) 1,2,4-Trimethylbenzene	13.28	105	878	3.306	ug/l #	45
85) sec-Butylbenzene	13.40	105	639	2.064	ug/l	91
86) p-Isopropyltoluene	13.51	119	492	1.679	ug/l #	65
87) 1,3-Dichlorobenzene	13.51	146	448	2.947	ug/l #	55
88) 1,4-Dichlorobenzene	13.60	146	451	3.008	ug/l #	54
89) n-Butylbenzene	13.84	91	787	2.886	ug/l #	72
90) Hexachloroethane	14.14	117	60	1.139	ug/l #	9
91) 1,2-Dichlorobenzene	13.88	146	690	5.268	ug/l #	32
92) 1,2-Dibromo-3-Chloropropan	14.41	75	94	9.258	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	161	1.593	ug/l #	33
94) Hexachlorobutadiene	15.27	225	399	7.154	ug/l #	33
95) Naphthalene	15.40	128	1293	7.611	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.58	180	392	4.495	ug/l #	79

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

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ClientSampleId :

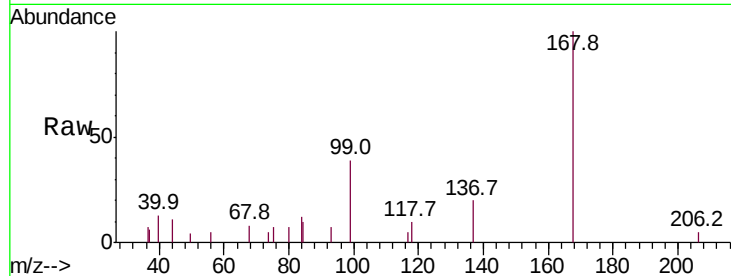
20190853-COMPOSITE-E

Tot Ion:168 Resp: 6830

Ion Ratio Lower Upper

168 100

99 38.9 43.0 64.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

4000

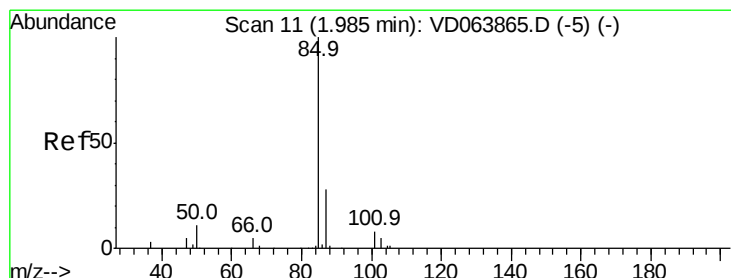
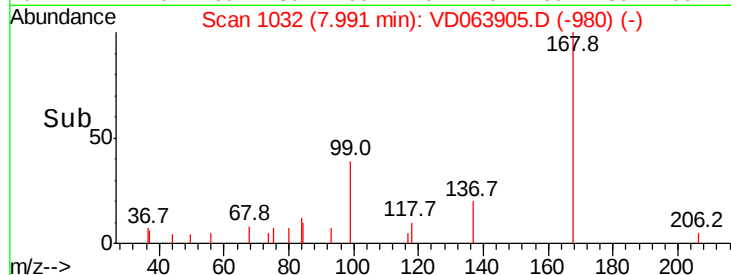
3000

2000

1000

0

Time--> 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: 1.321 ug/l

RT: 2.05 min Scan# 22

Delta R.T. 0.06 min

Lab File: VD063905.D

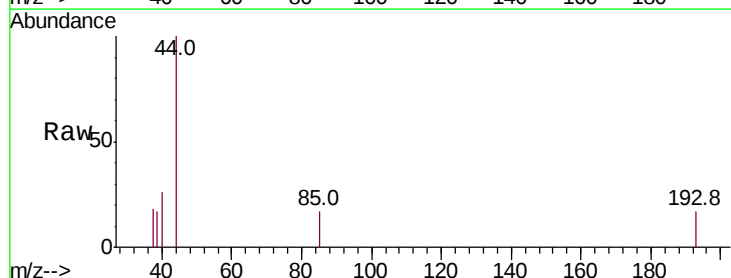
Acq: 10 Oct 2019 12:51

Tgt Ion: 85 Resp: 64

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

250

200

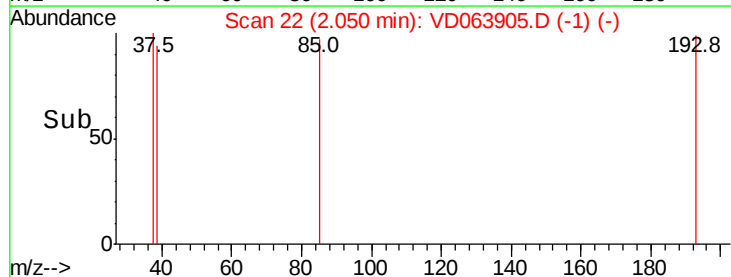
150

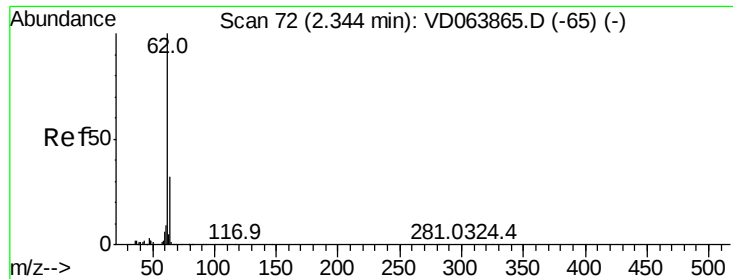
100

50

0

Time--> 2.03 2.04 2.05 2.06 2.07





#4

Vinyl Chloride

Concen: 2.791 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.02 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

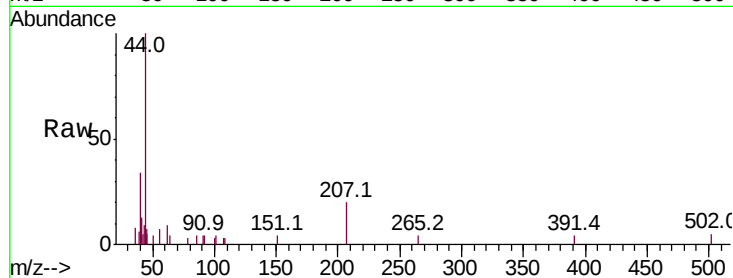
20190853-COMPOSITE-E

Tot Ion: 62 Resp: 437

Ion Ratio Lower Upper

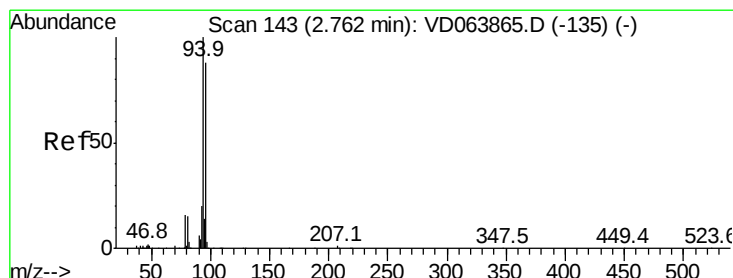
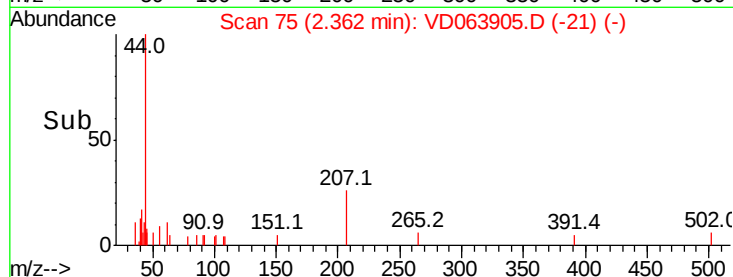
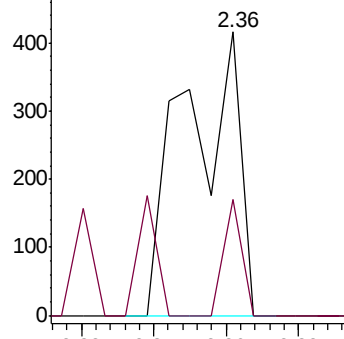
62 100

64 41.1 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC



#5

Bromomethane

Concen: 3.319 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.02 min

Lab File: VD063905.D

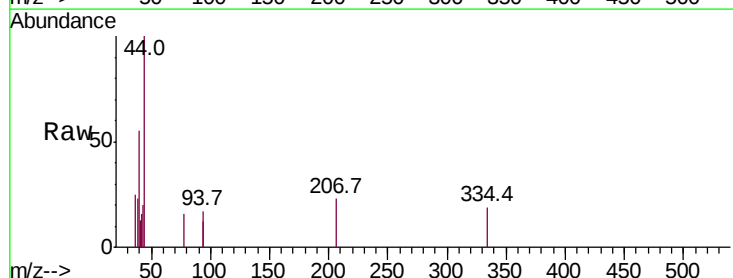
Acq: 10 Oct 2019 12:51

Tgt Ion: 94 Resp: 334

Ion Ratio Lower Upper

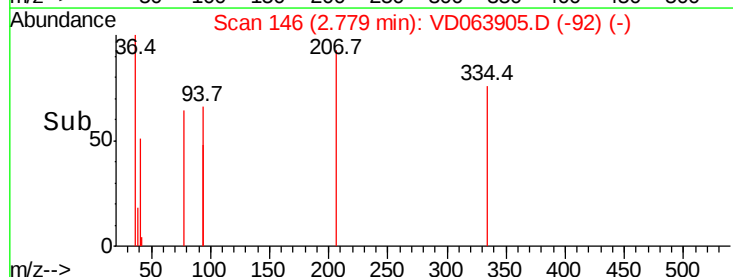
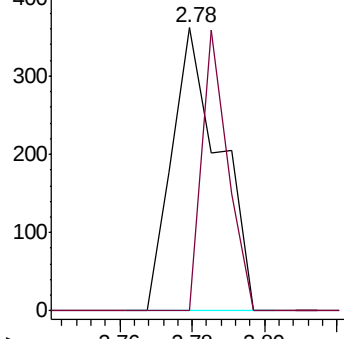
94 100

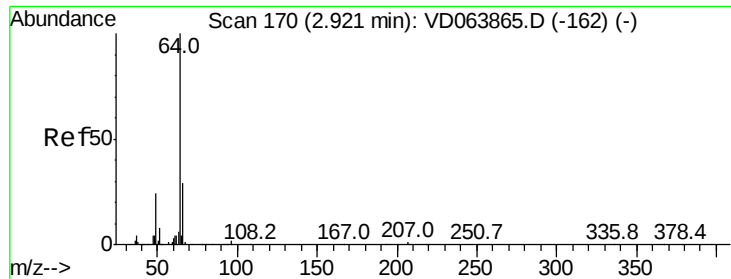
96 0.0 70.8 106.2#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#6

Chloroethane

Concen: 4.134 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

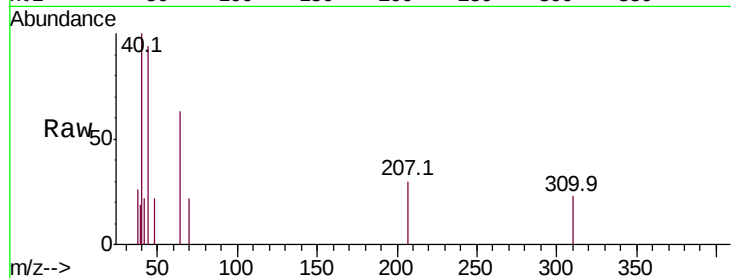
20190853-COMPOSITE-E

Tot Ion: 64 Resp: 428

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

2.93

500

400

300

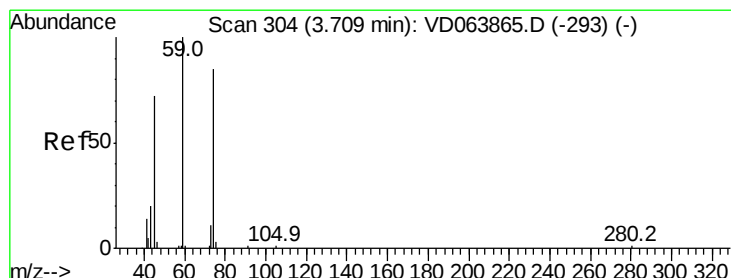
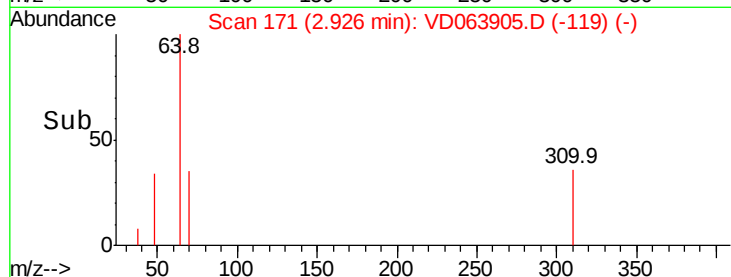
200

100

0

2.90 2.92 2.94 2.96

Time-->



#8

Diethyl Ether

Concen: 1.987 ug/l

RT: 3.84 min Scan# 326

Delta R.T. 0.13 min

Lab File: VD063905.D

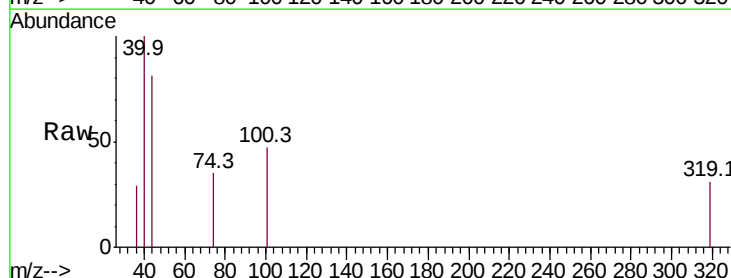
Acq: 10 Oct 2019 12:51

Tgt Ion: 74 Resp: 66

Ion Ratio Lower Upper

74 100

45 122.7 48.1 144.4



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

250

200

150

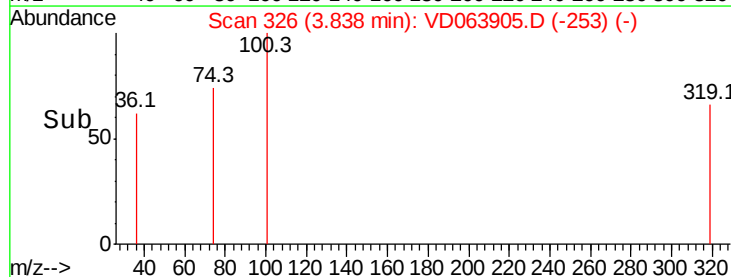
100

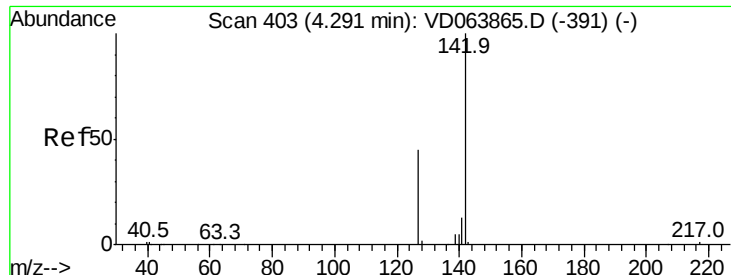
50

0

3.82 3.83 3.84 3.85

Time-->





#10

Methyl Iodide

Concen: 1.368 ug/l

RT: 4.31 min Scan# 407

Delta R.T. 0.02 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

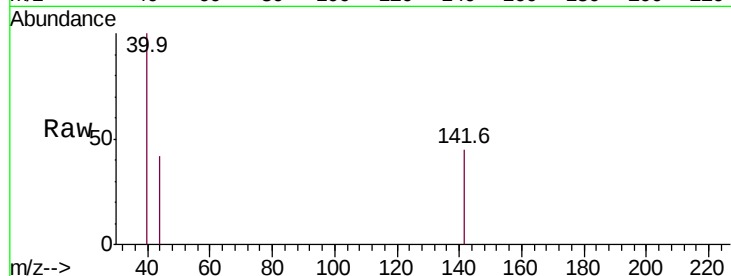
Tot Ion:142 Resp: 108

Ion Ratio Lower Upper

142 100

127 0.0 35.3 52.9#

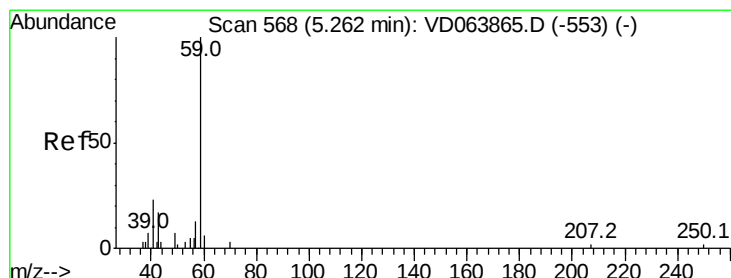
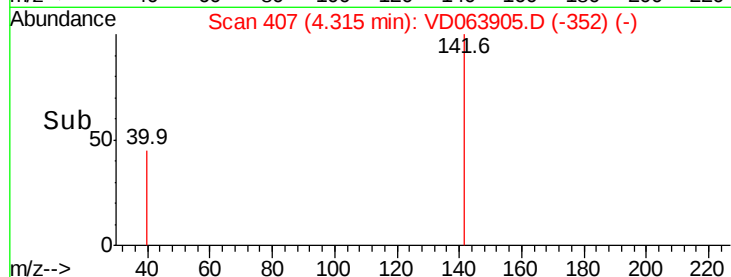
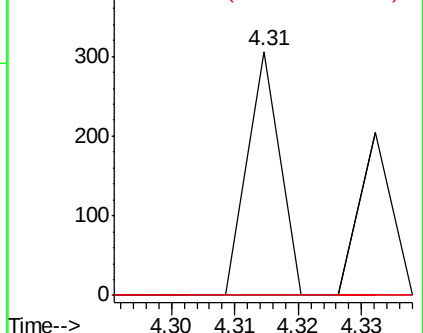
141 0.0 12.2 18.2#



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: 3.791 ug/l

RT: 5.24 min Scan# 565

Delta R.T. -0.02 min

Lab File: VD063905.D

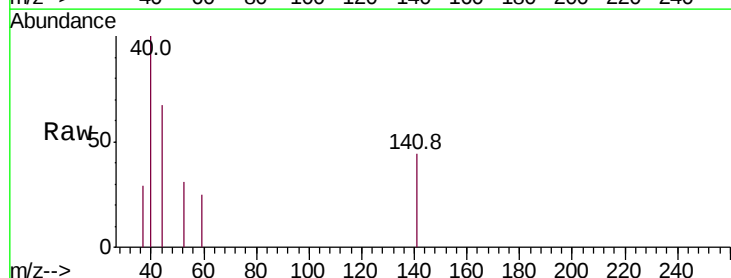
Acq: 10 Oct 2019 12:51

Tgt Ion: 59 Resp: 54

Ion Ratio Lower Upper

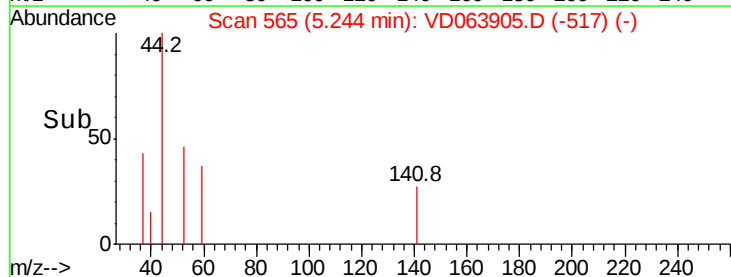
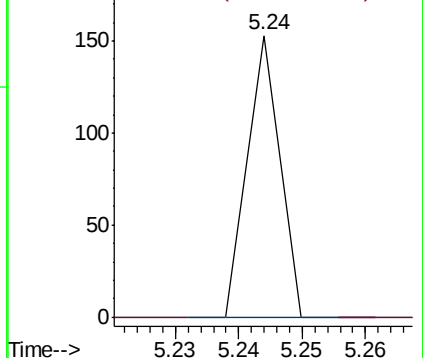
59 100

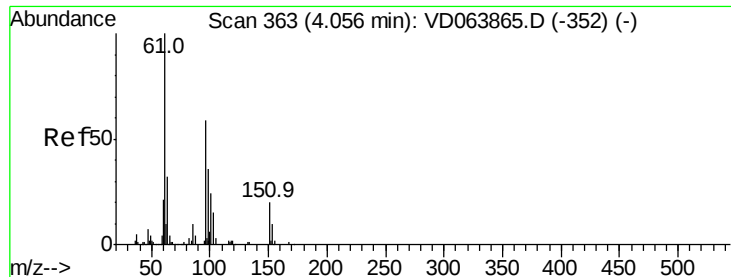
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V





#12

1,1-Dichloroethene

Concen: 1.572 ug/l

RT: 4.06 min Scan# 363

Delta R.T. -0.00 min

Lab File: VD063905.D

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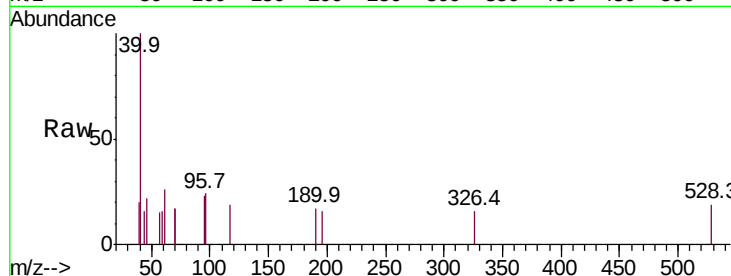
Tot Ion: 96 Resp: 90

Ion Ratio Lower Upper

96 100

61 110.2 135.6 203.4#

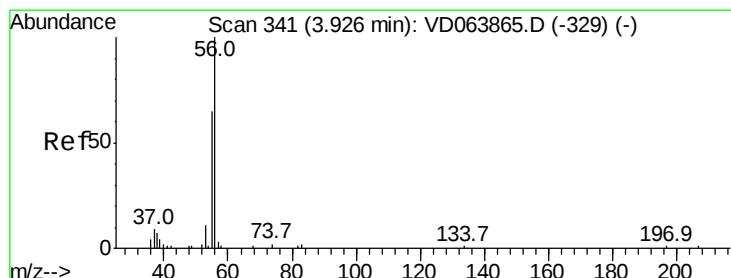
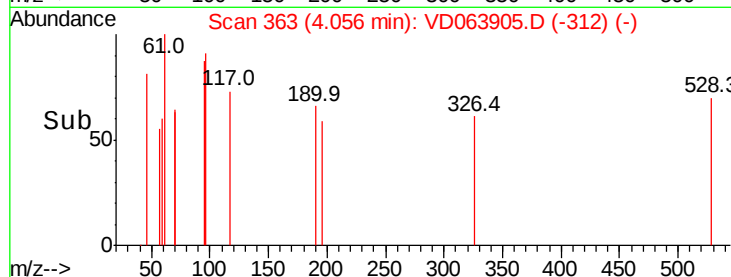
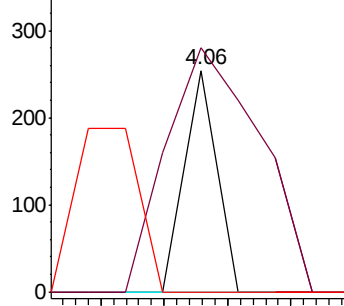
98 0.0 49.2 73.8#



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#13

Acrolein

Concen: 25.089 ug/l

RT: 3.94 min Scan# 344

Delta R.T. 0.02 min

Lab File: VD063905.D

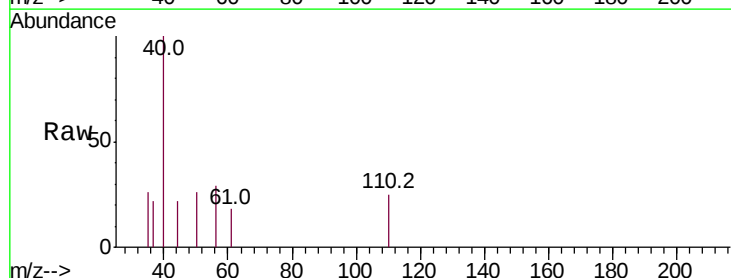
Acq: 10 Oct 2019 12:51

Tgt Ion: 56 Resp: 149

Ion Ratio Lower Upper

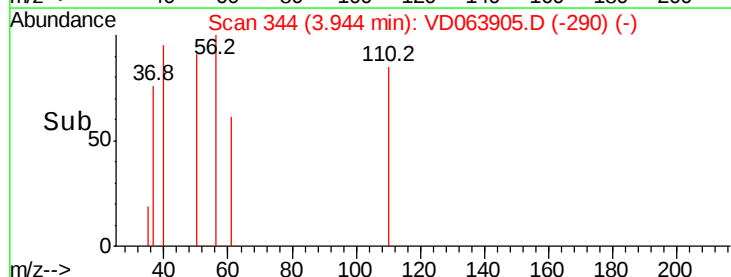
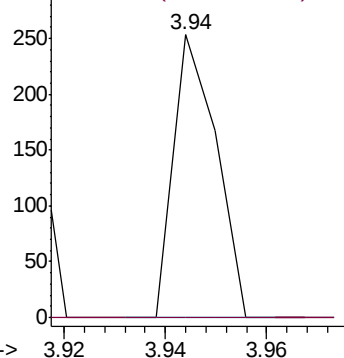
56 100

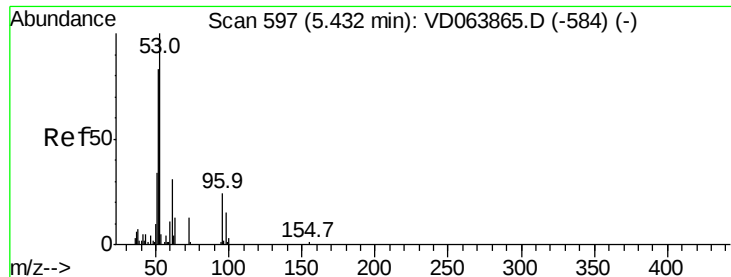
55 0.0 53.0 79.6#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC





#15

Acrylonitrile

Concen: 4.574 ug/l

RT: 5.51 min Scan# 611

Delta R.T. 0.08 min

Lab File: VD063905.D

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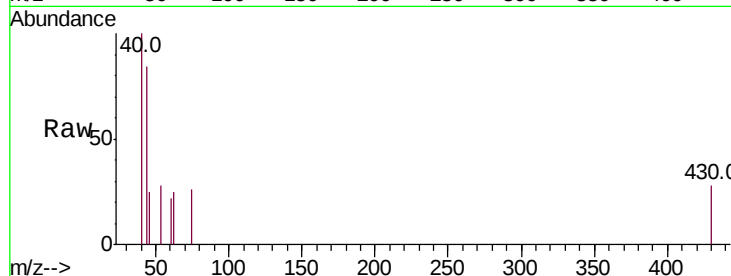
Tot Ion: 53 Resp: 67

Ion Ratio Lower Upper

53 100

52 0.0 67.3 100.9#

51 92.5 30.5 45.7#

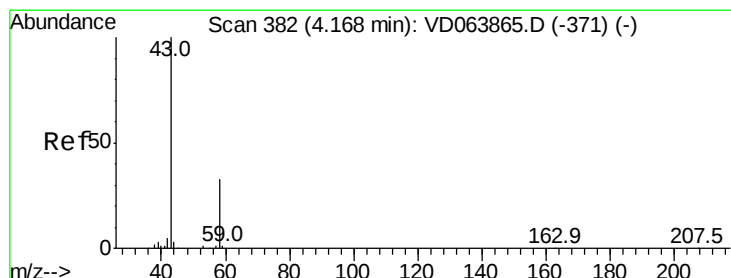
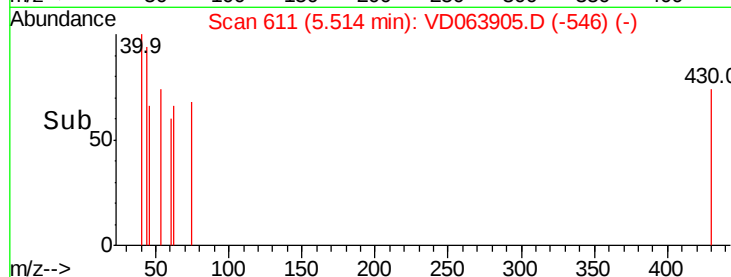
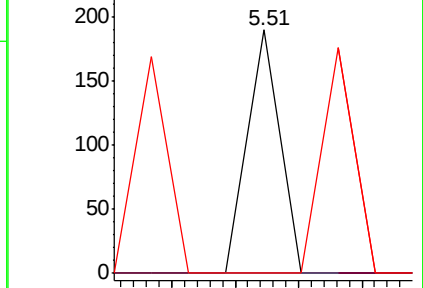


Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC

5.51



#16

Acetone

Concen: 74.744 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD063905.D

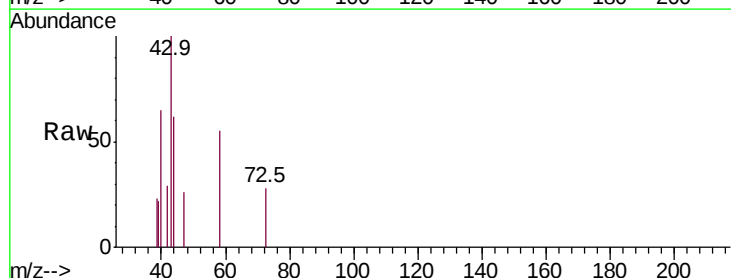
Acq: 10 Oct 2019 12:51

Tgt Ion: 43 Resp: 1294

Ion Ratio Lower Upper

43 100

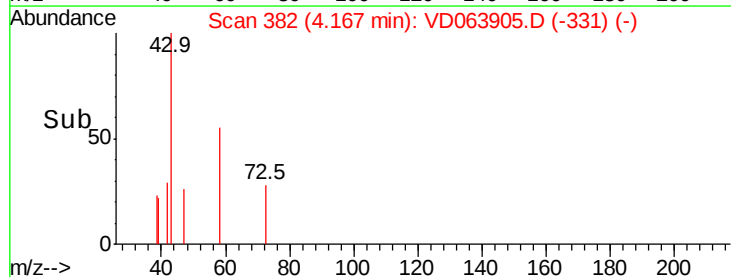
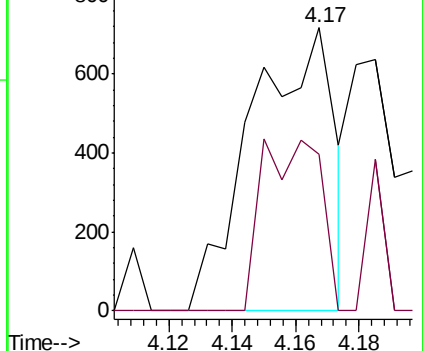
58 55.1 26.2 39.4#

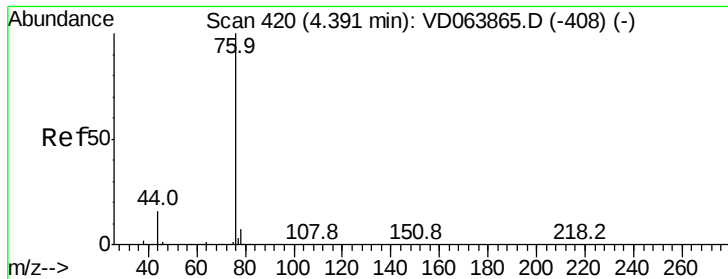


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

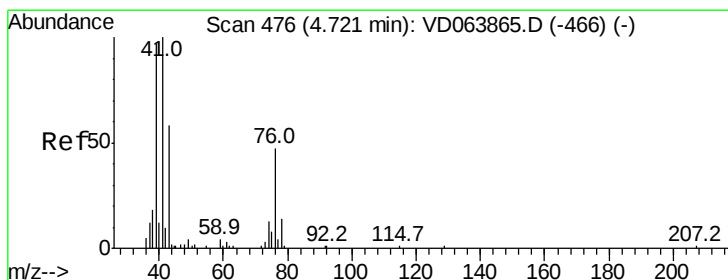
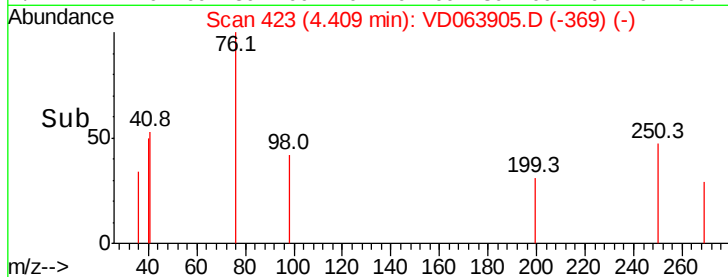
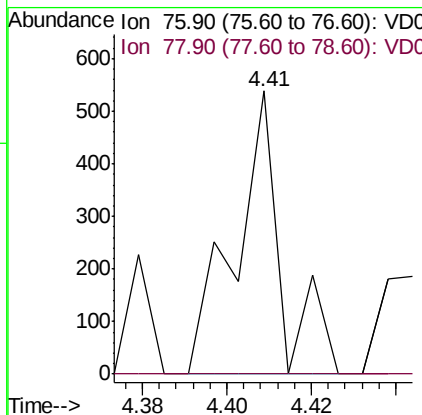
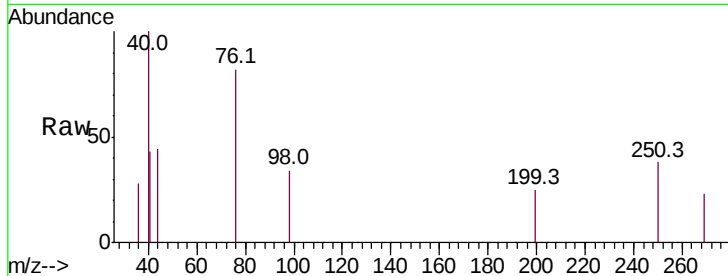




#17
Carbon Disulfide
Concen: 1.956 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.02 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

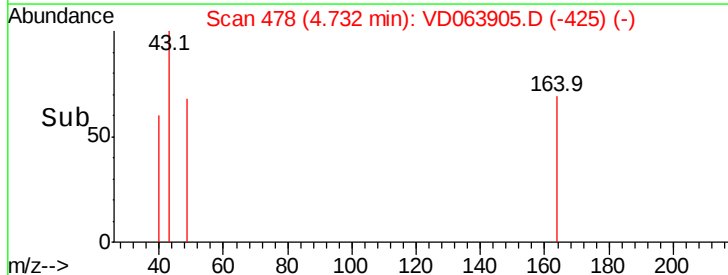
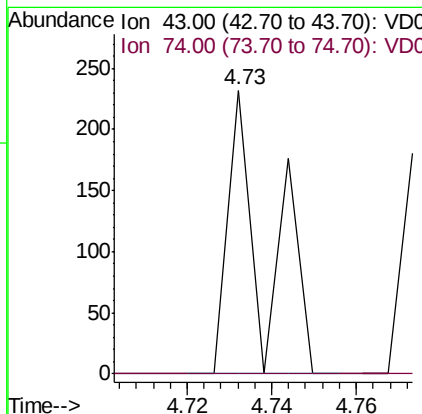
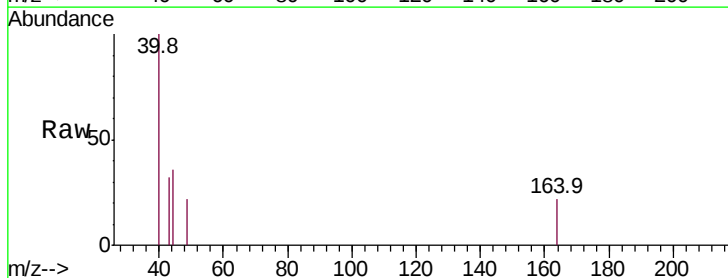
Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

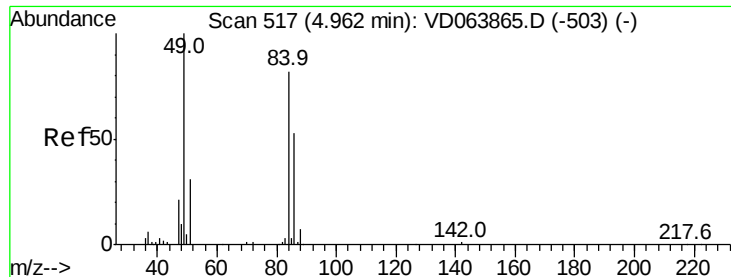
Tot Ion: 76 Resp: 407
Ion Ratio Lower Upper
76 100
78 0.0 5.8 8.8#



#18
Methyl Acetate
Concen: 4.253 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#

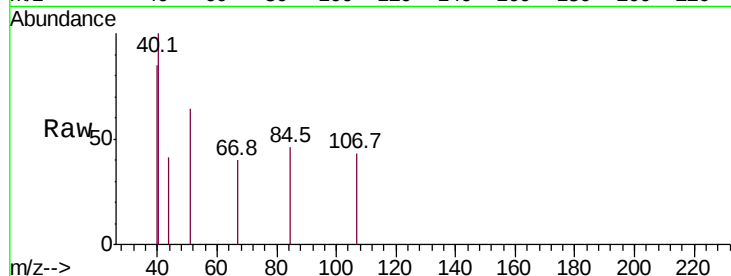




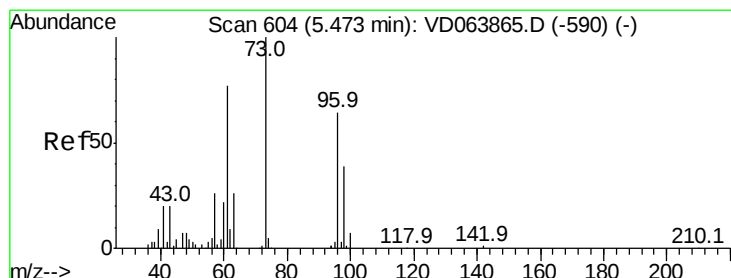
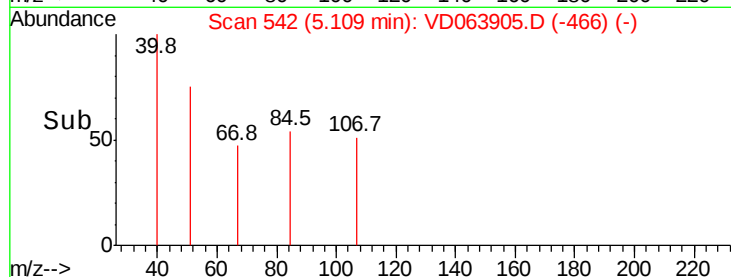
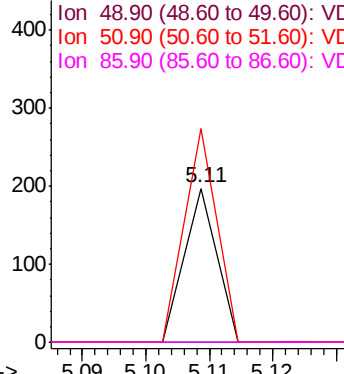
#20
Methvlene Chloride
Concen: Below Cal
RT: 5.11 min Scan# 542
Delta R.T. 0.15 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

Tot Ion: 84 Resp: 70
Ion Ratio Lower Upper
84 100
49 0.0 97.3 145.9#
51 139.1 30.1 45.1#
86 0.0 51.4 77.2#

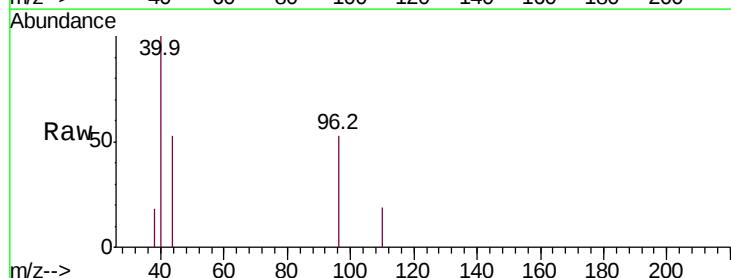


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

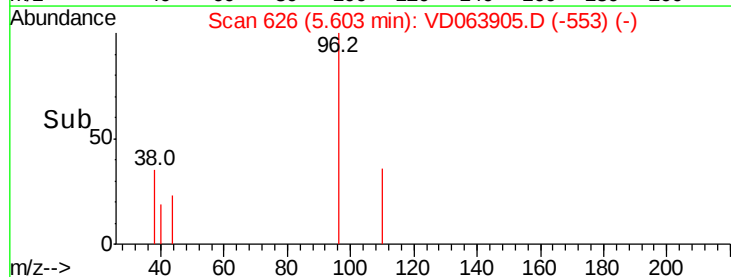
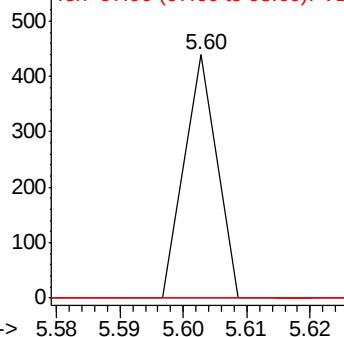


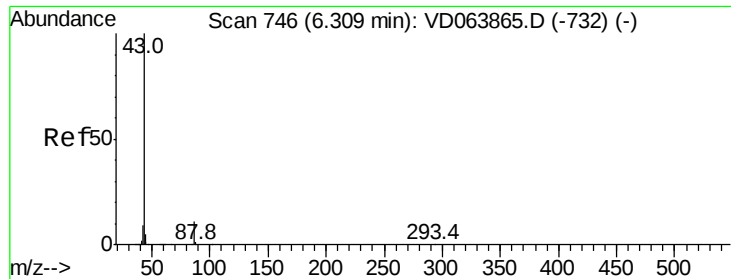
#21
trans-1,2-Dichloroethene
Concen: 2.175 ug/l
RT: 5.60 min Scan# 626
Delta R.T. 0.13 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 96 Resp: 155
Ion Ratio Lower Upper
96 100
61 0.0 96.6 145.0#
98 0.0 48.7 73.1#



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





#23

Vinyl Acetate

Concen: 2.067 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

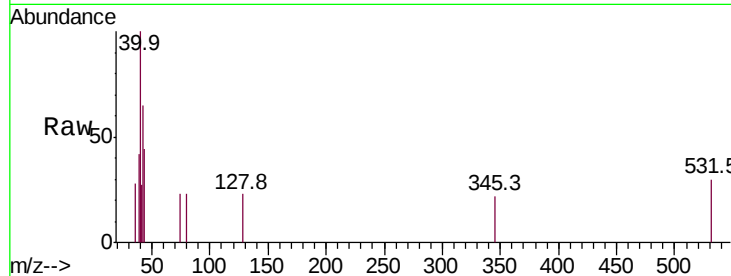
20190853-COMPOSITE-E

Tot Ion: 43 Resp: 239

Ion Ratio Lower Upper

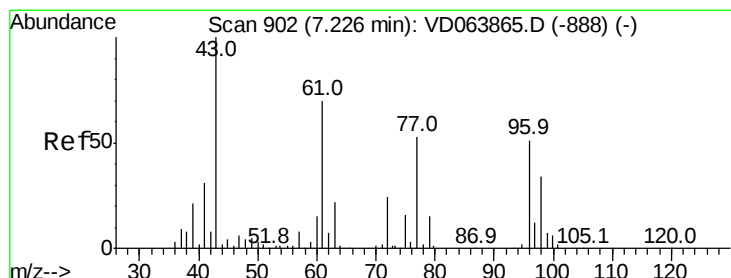
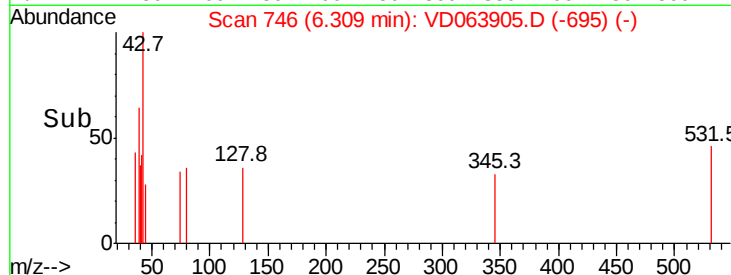
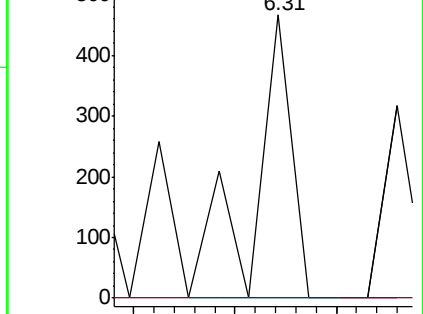
43 100

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



#25

2-Butanone

Concen: 14.183 ug/l

RT: 7.24 min Scan# 905

Delta R.T. 0.02 min

Lab File: VD063905.D

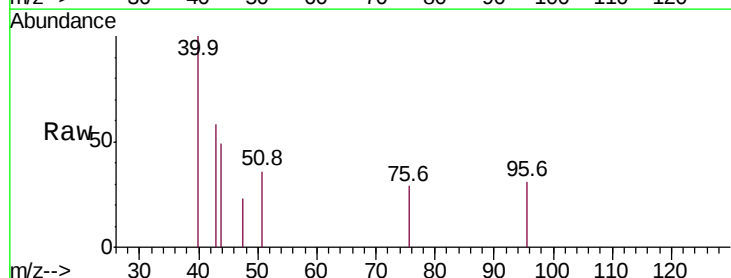
Acq: 10 Oct 2019 12:51

Tgt Ion: 43 Resp: 291

Ion Ratio Lower Upper

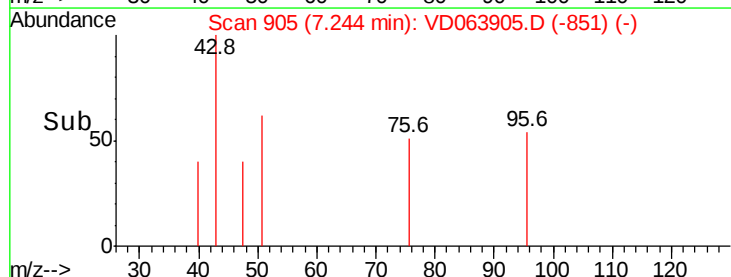
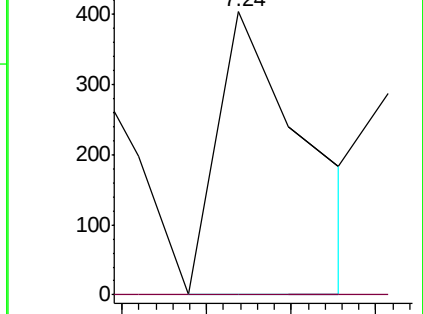
43 100

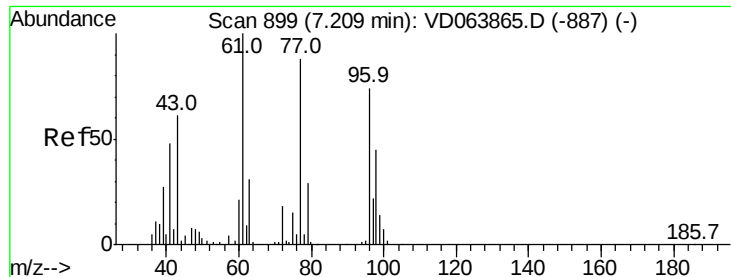
72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



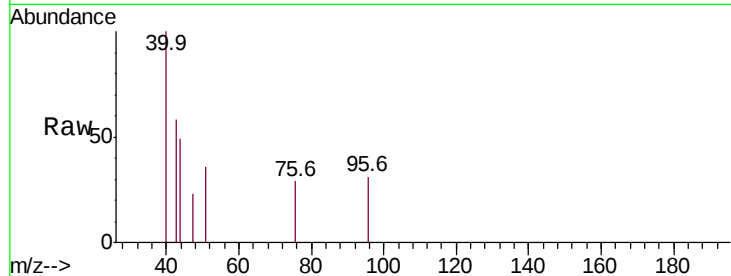


#27

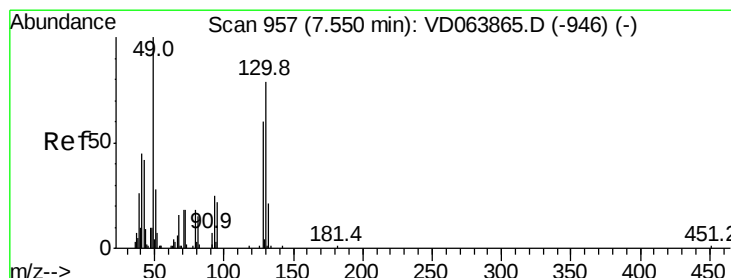
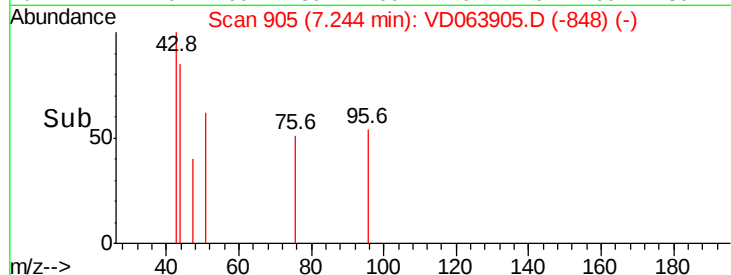
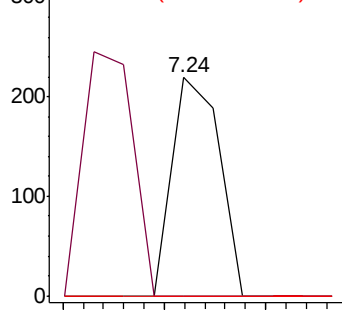
cis-1,2-Dichloroethene
Concen: 1.785 ug/l
RT: 7.24 min Scan# 905
Delta R.T. 0.04 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

Tot Ion: 96 Resp: 144
Ion Ratio Lower Upper
96 100
61 117.4 0.0 280.0
98 0.0 0.0 130.4



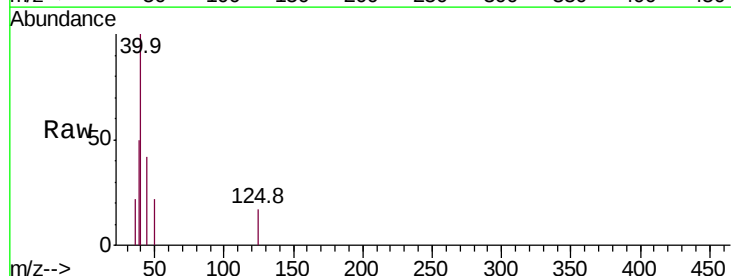
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



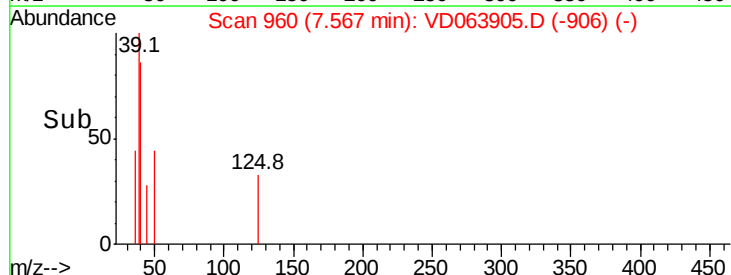
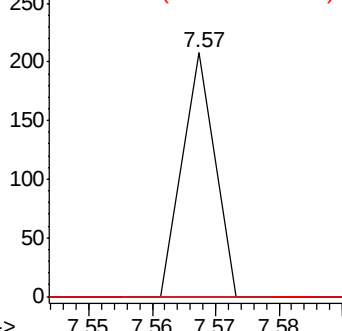
#28

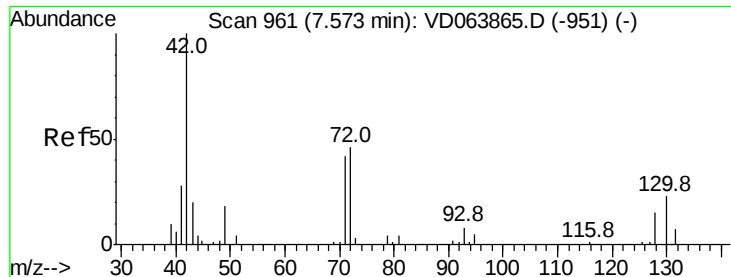
Bromochloromethane
Concen: 3.408 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.02 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 49 Resp: 73
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

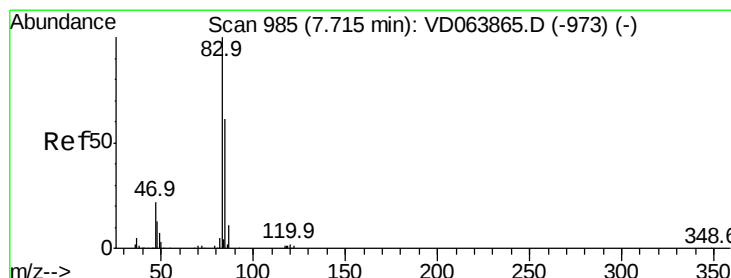
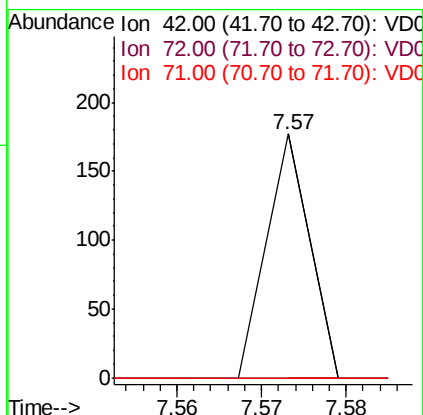
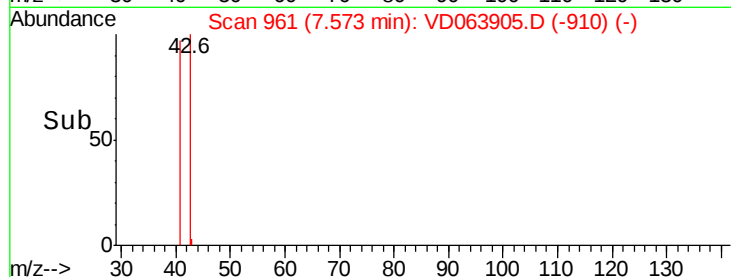
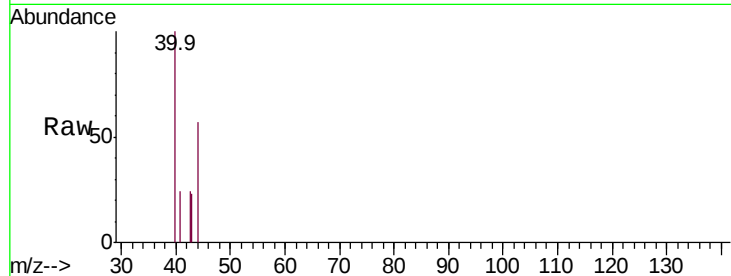




#29
Tetrahydrofuran
Concen: 5.177 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

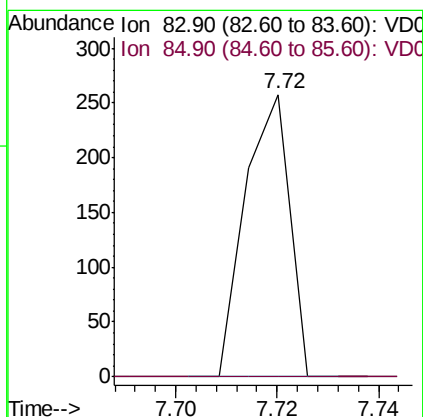
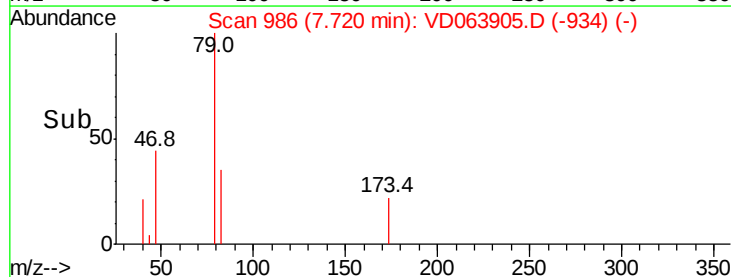
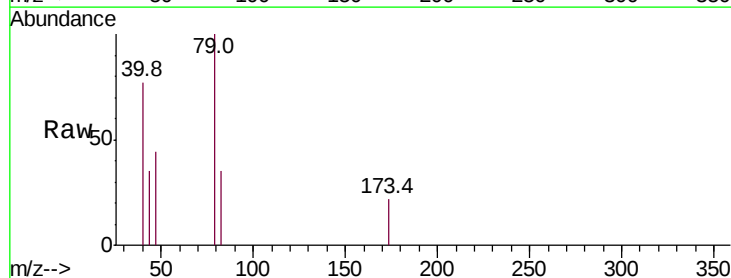
Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

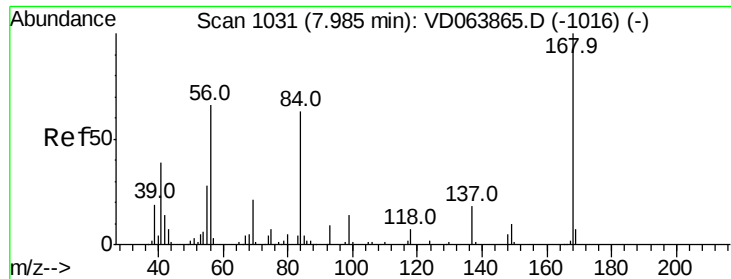
Tot Ion: 42 Resp: 62
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 0.0 35.0 52.6#



#30
Chloroform
Concen: 1.215 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 83 Resp: 158
Ion Ratio Lower Upper
83 100
85 0.0 48.9 73.3#

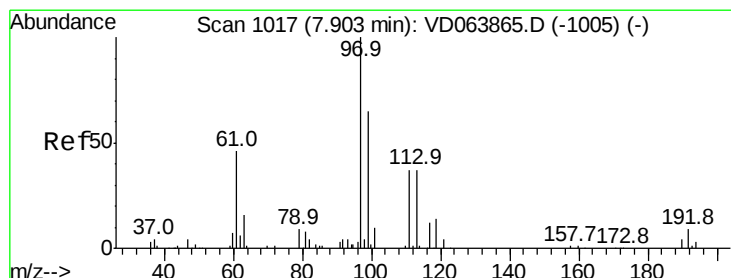
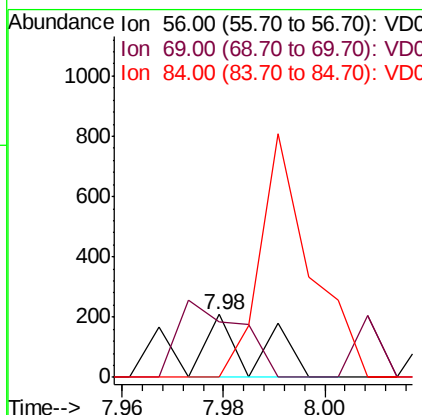
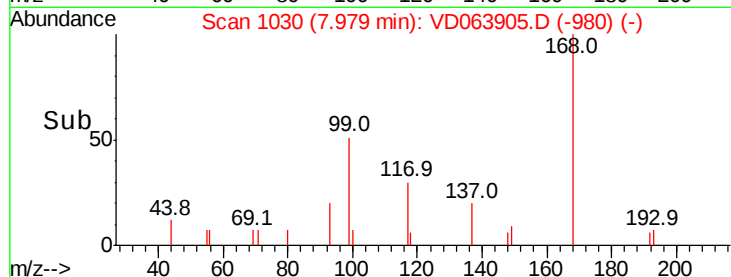
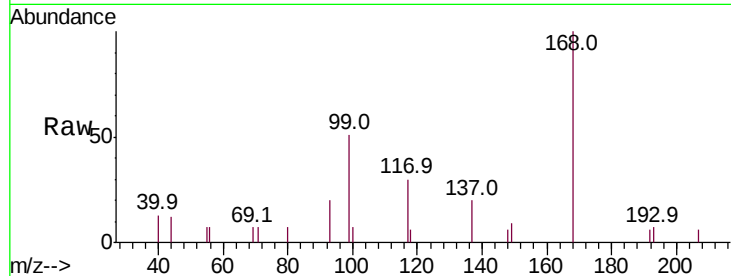




#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

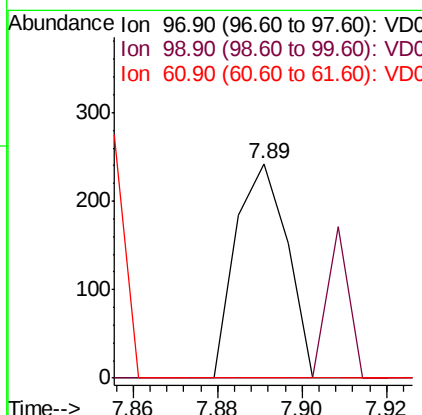
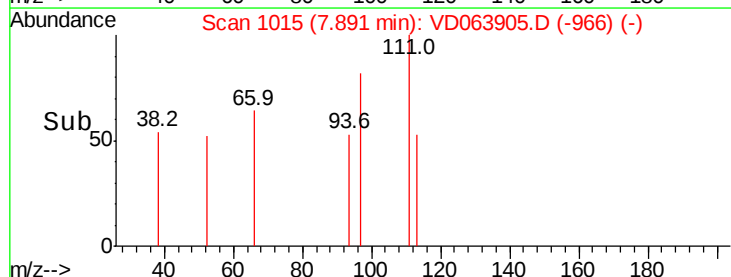
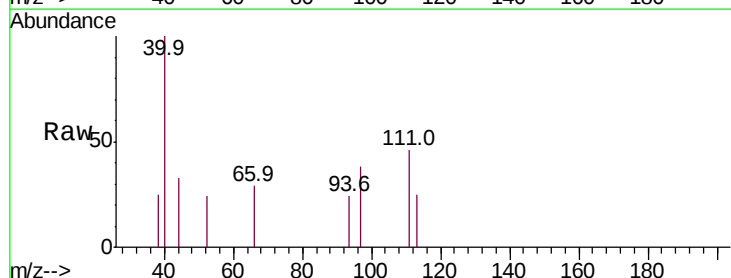
Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

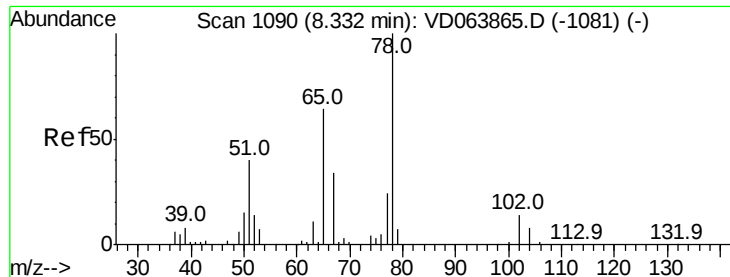
Tot Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
69 89.0 25.0 37.4#
84 0.0 76.3 114.5#



#32
1,1,1-Trichloroethane
Concen: 1.829 ug/l
RT: 7.89 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 97 Resp: 204
Ion Ratio Lower Upper
97 100
99 0.0 52.4 78.6#
61 0.0 33.8 50.8#





#33

1,2-Dichloroethane-d4

Concen: 69.238 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

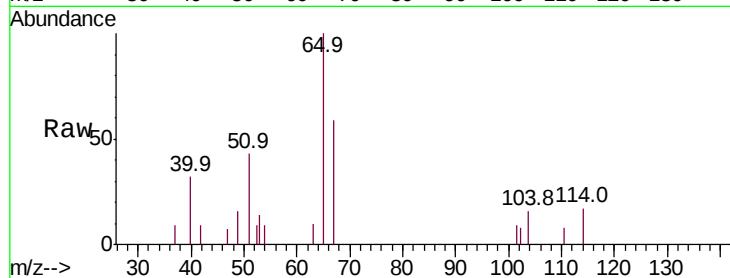
20190853-COMPOSITE-E

Tot Ion: 65 Resp: 4604

Ion Ratio Lower Upper

65 100

67 57.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

2500

2000

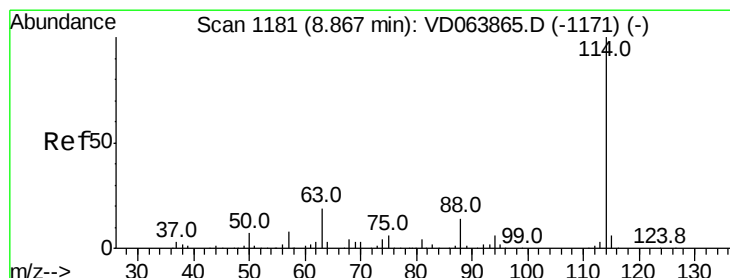
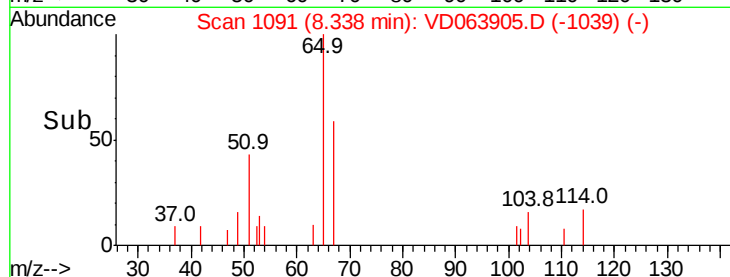
1500

1000

500

0

Time--> 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

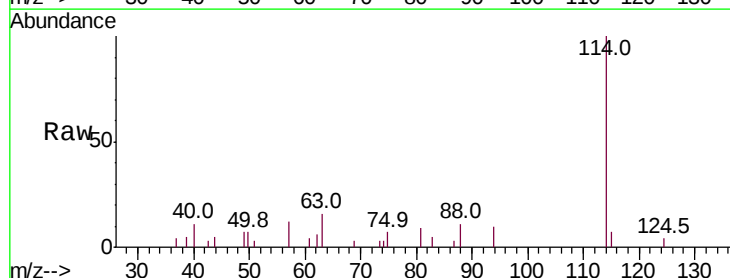
Tgt Ion:114 Resp: 10422

Ion Ratio Lower Upper

114 100

63 16.0 0.0 38.4

88 11.3 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

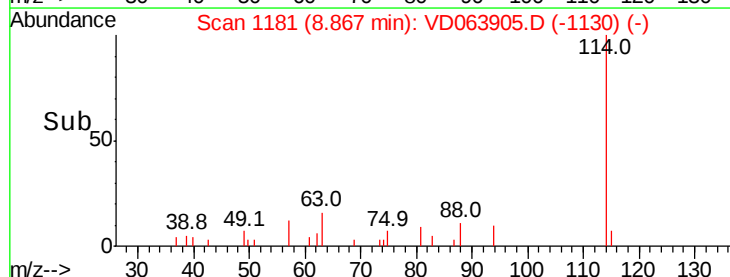
6000

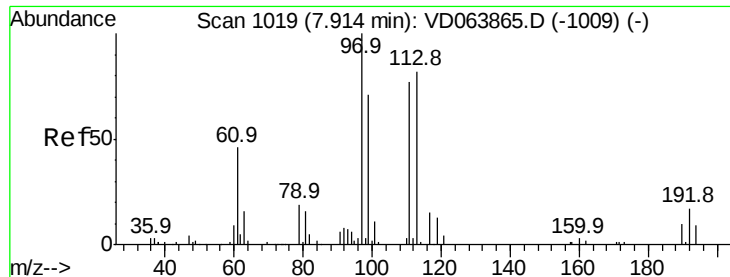
4000

2000

0

Time--> 8.80 8.85 8.90 8.95

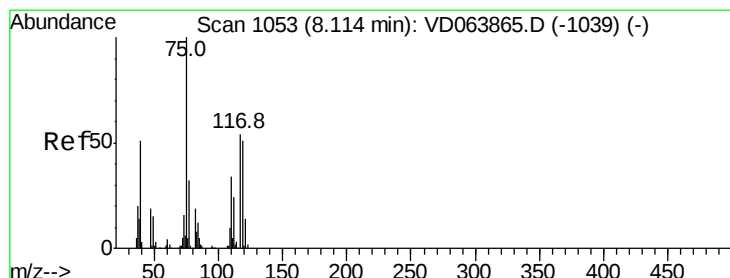
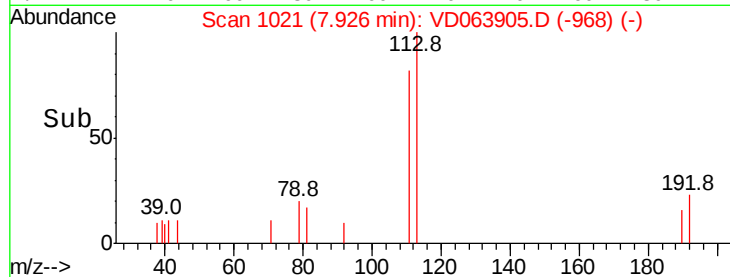
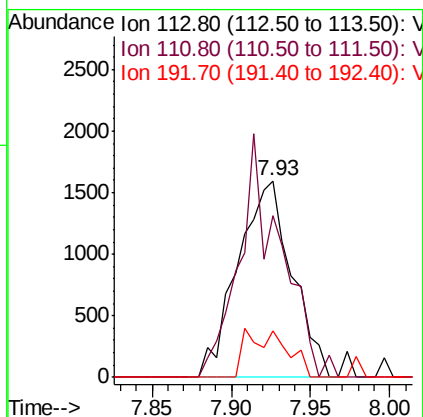
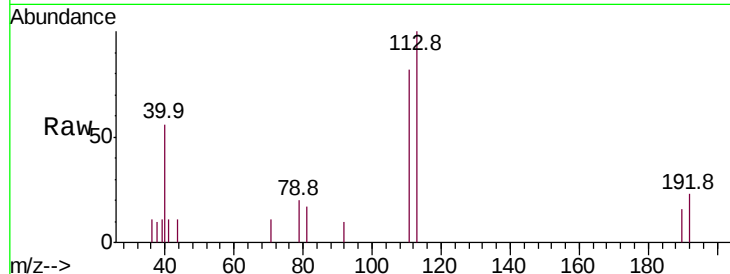




#35
 Dibromofluoromethane
 Concen: 59.521 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD063905.D
 Acq: 10 Oct 2019 12:51

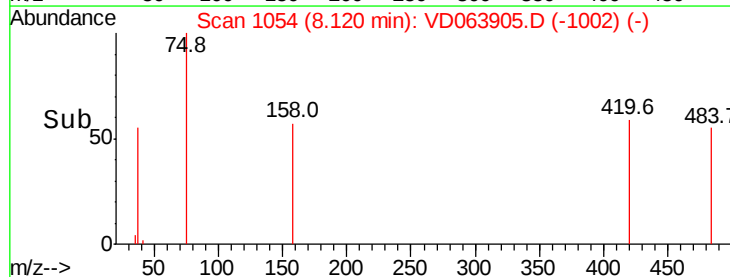
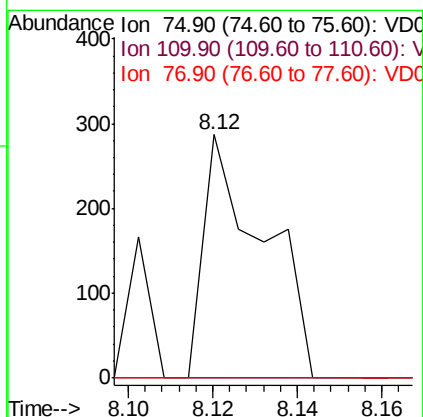
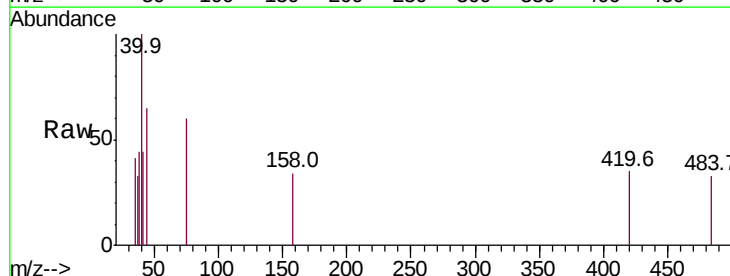
Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

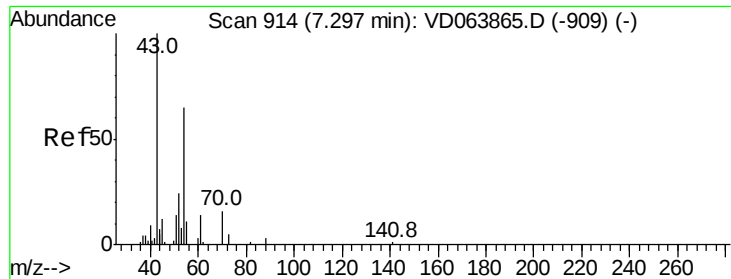
Tot Ion:113 Resp: 3791
 Ion Ratio Lower Upper
 113 100
 111 94.5 82.6 123.8
 192 8.6 17.1 25.7#



#36
 1,1-Dichloropropene
 Concen: 2.959 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VD063905.D
 Acq: 10 Oct 2019 12:51

Tgt Ion: 75 Resp: 282
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.3#
 77 0.0 25.4 38.0#

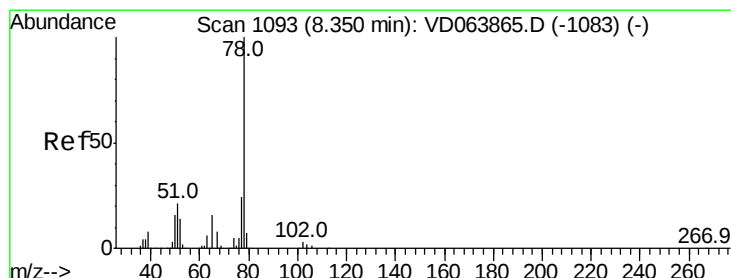
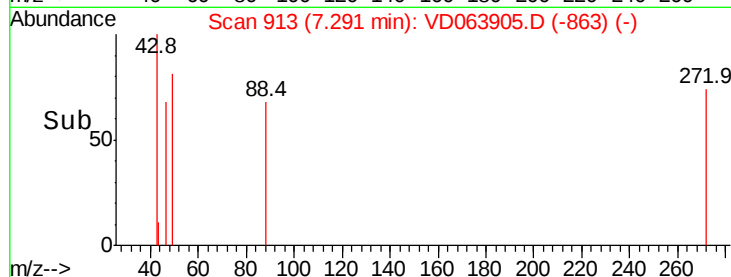
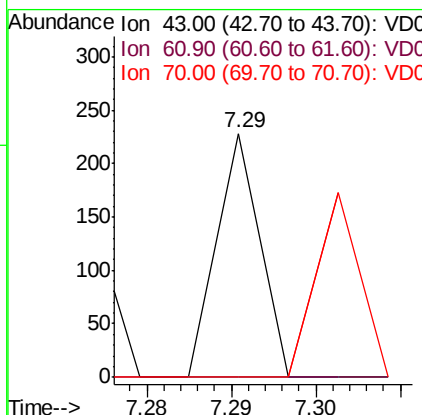
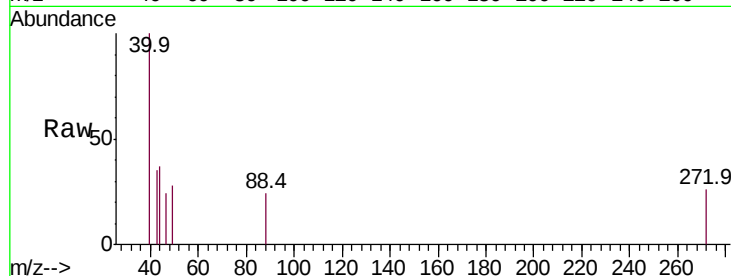




#37
Ethyl Acetate
Concen: Below Cal
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

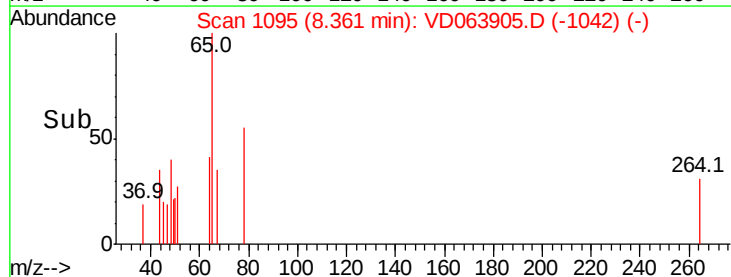
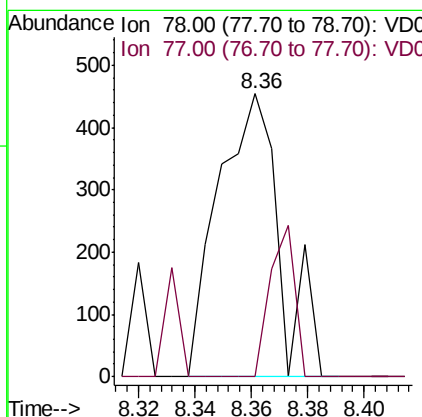
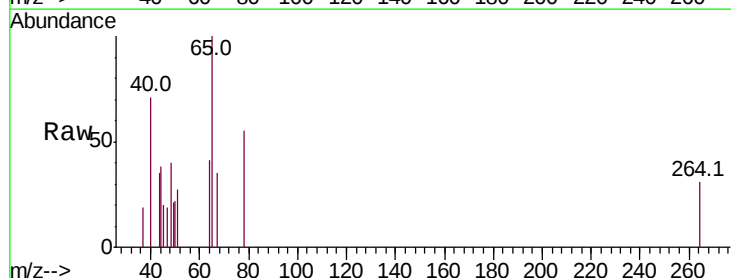
Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

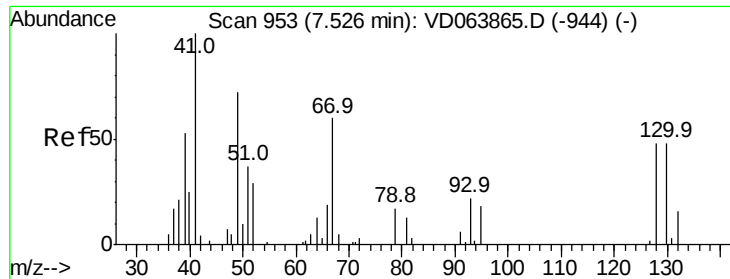
Tot Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 8.2 12.4#



#40
Benzene
Concen: 2.516 ug/l
RT: 8.36 min Scan# 1095
Delta R.T. 0.01 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 78 Resp: 687
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.6#

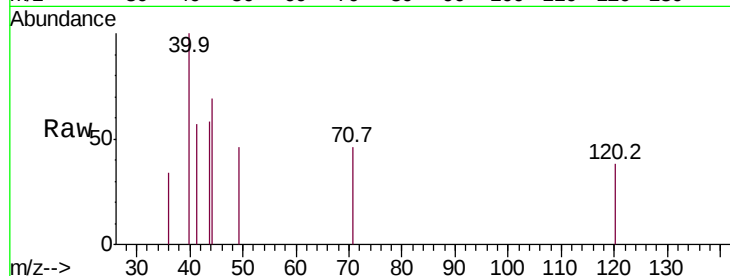




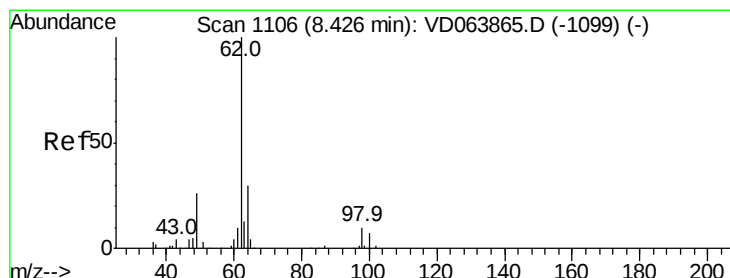
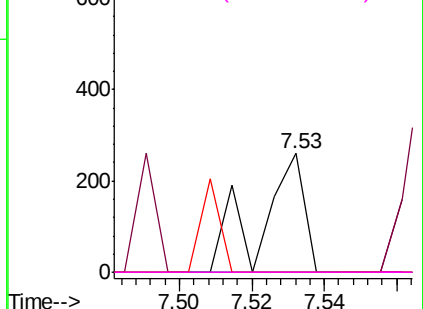
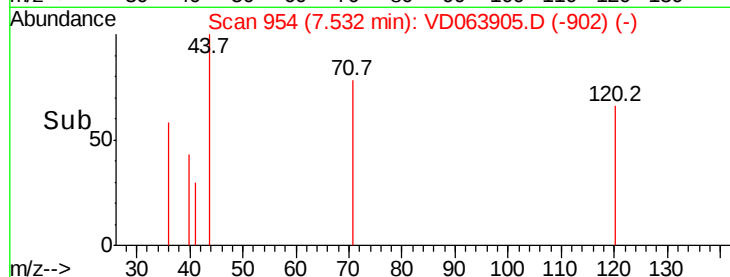
#41
Methacrylonitrile
Concen: 9.913 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

Tot Ion: 41 Resp: 219
Ion Ratio Lower Upper
41 100
39 0.0 52.6 78.8#
67 0.0 74.2 111.2#
52 0.0 34.0 51.0#

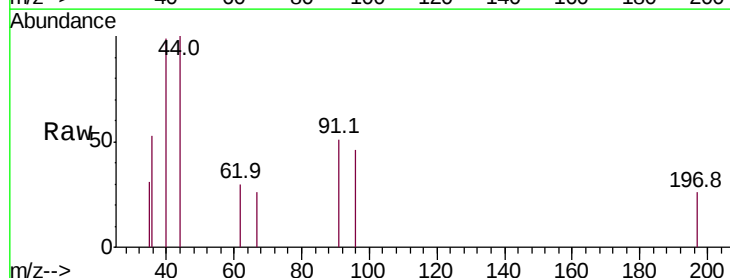


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

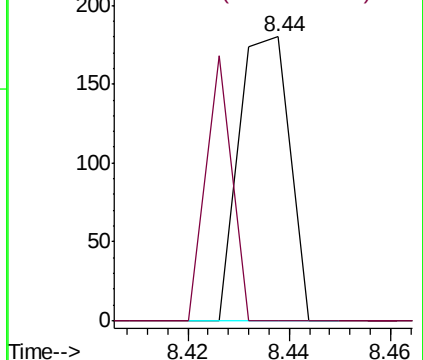
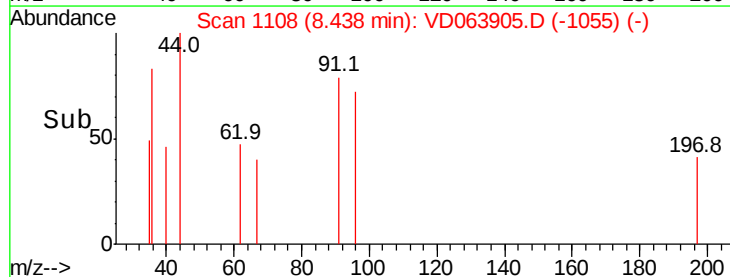


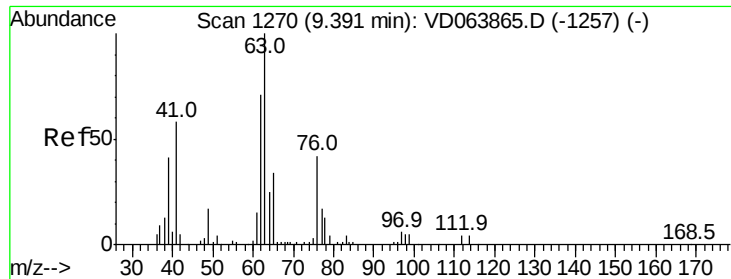
#42
1,2-Dichloroethane
Concen: 1.582 ug/l
RT: 8.44 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 62 Resp: 125
Ion Ratio Lower Upper
62 100
98 47.2 0.0 20.0#



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





#45

1,2-Dichloropropane

Concen: 1.182 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

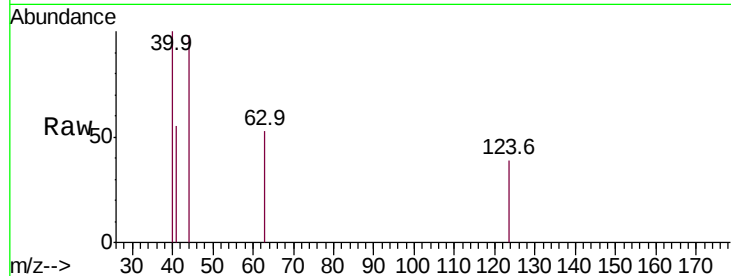
20190853-COMPOSITE-E

Tot Ion: 63 Resp: 79

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

9.39

200

150

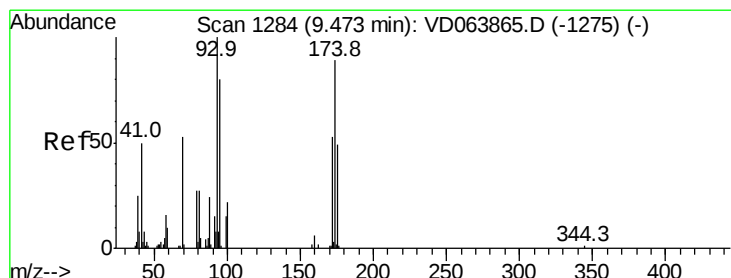
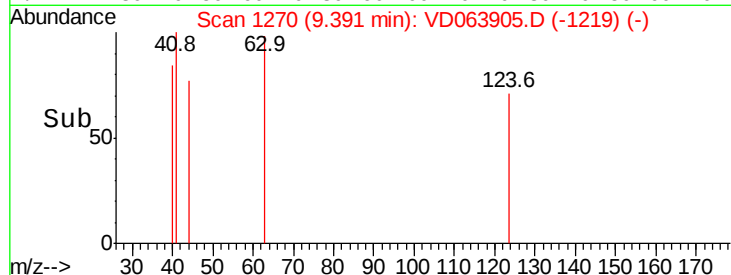
100

50

0

9.37 9.38 9.39 9.40 9.41

Time-->



#46

Dibromomethane

Concen: 3.310 ug/l

RT: 9.30 min Scan# 1255

Delta R.T. -0.17 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

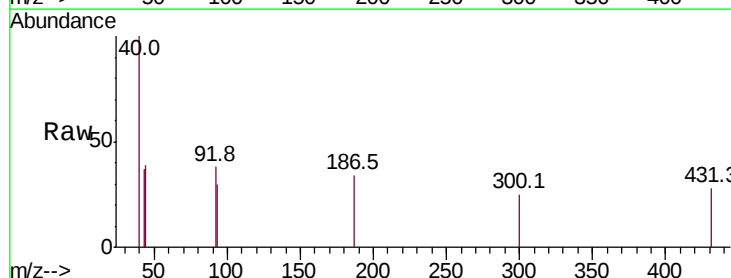
Tgt Ion: 93 Resp: 126

Ion Ratio Lower Upper

93 100

95 0.0 66.0 99.0#

174 0.0 83.4 125.0#



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

250

200

150

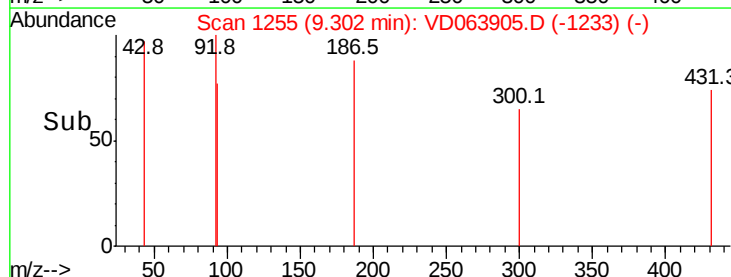
100

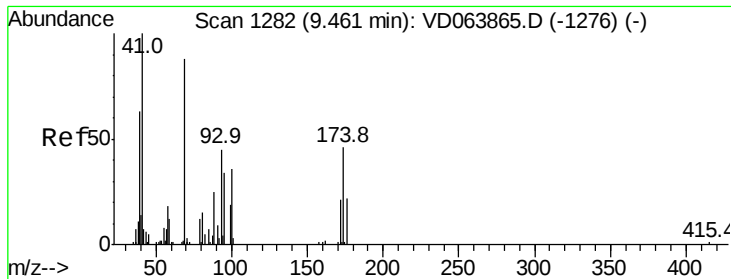
50

0

9.28 9.30 9.32

Time-->

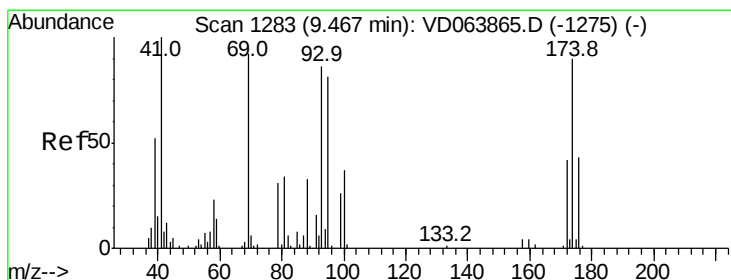
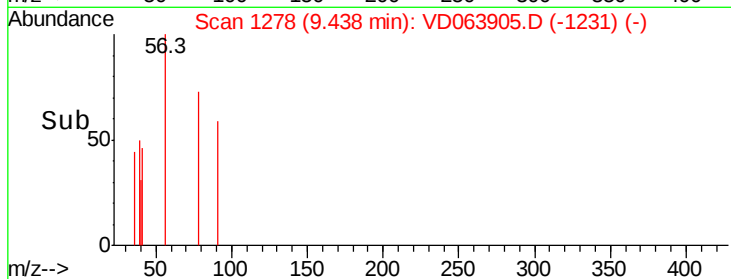
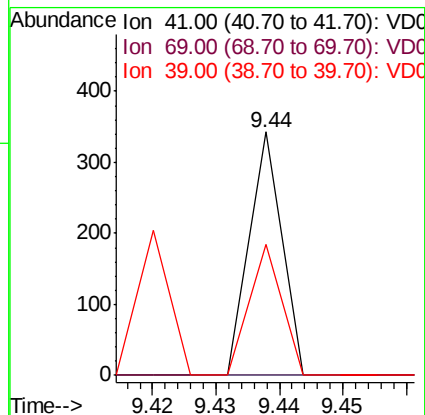
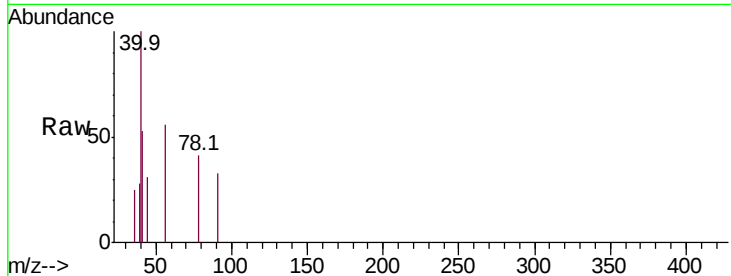




#48
Methvl methacrvlate
Concen: 3.160 ug/l
RT: 9.44 min Scan# 1278
Delta R.T. -0.02 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

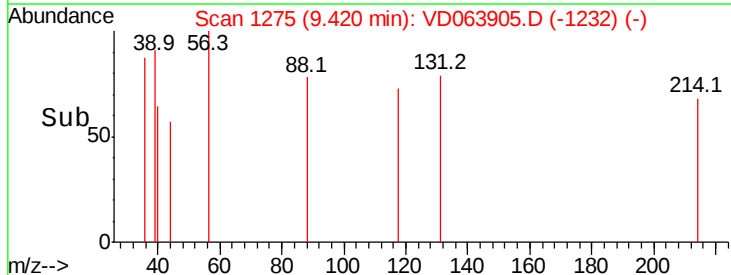
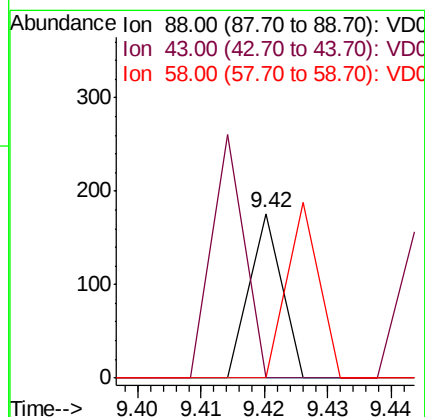
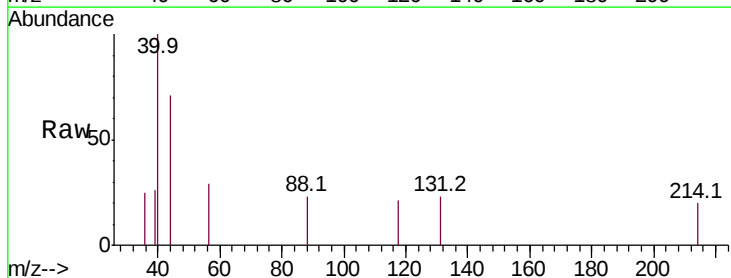
Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

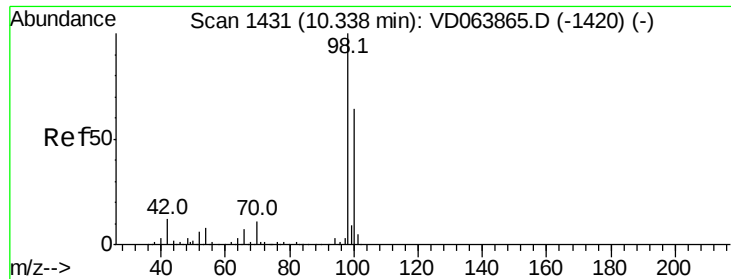
Tot Ion: 41 Resp: 121
Ion Ratio Lower Upper
41 100
69 0.0 75.1 112.7#
39 53.7 50.2 75.2



#49
1,4-Dioxane
Concen: 119.323 ug/l
RT: 9.42 min Scan# 1275
Delta R.T. -0.05 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 148.4 27.6 41.4#
58 106.5 54.1 81.1#

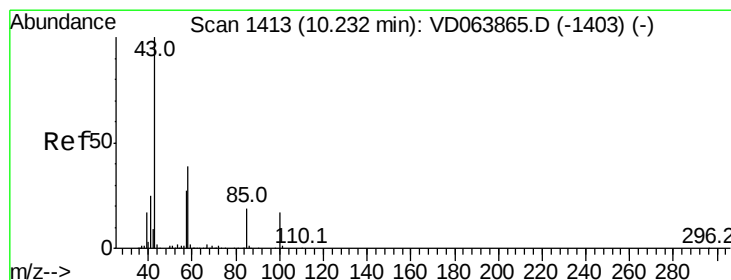
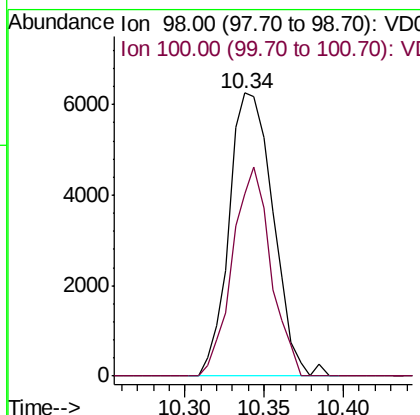
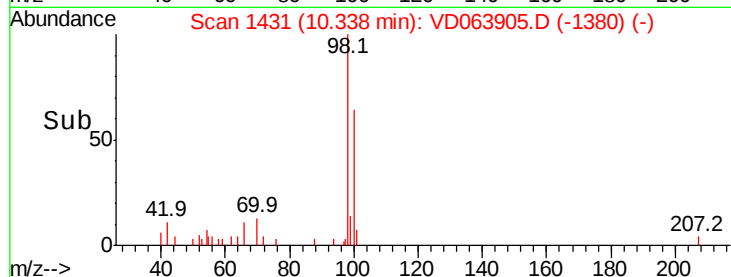
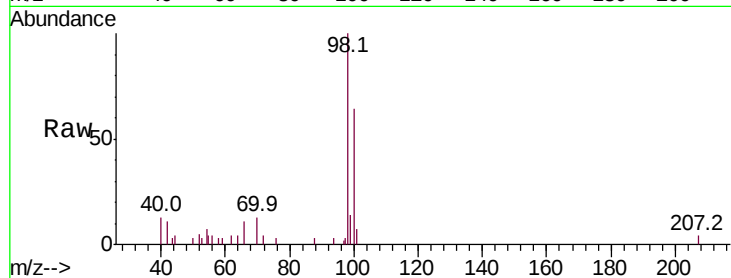




#50
Toluene-d8
Concen: 46.659 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

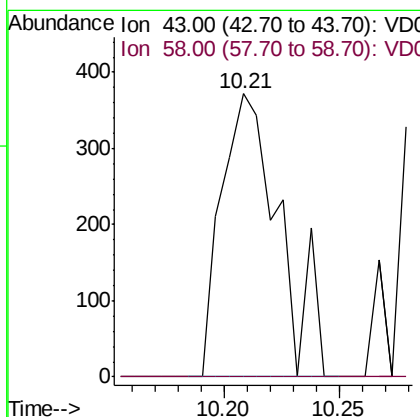
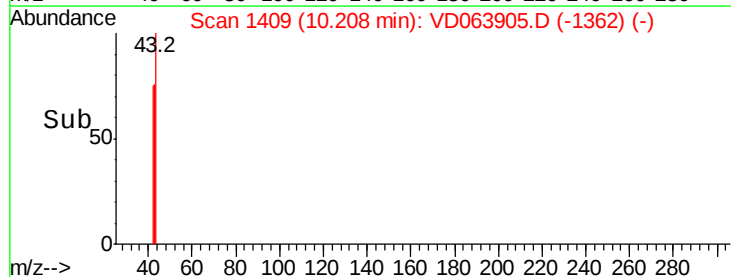
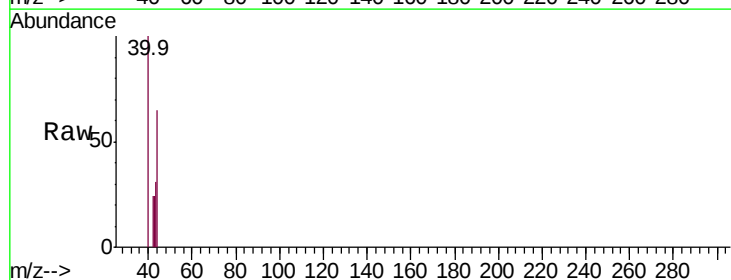
Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

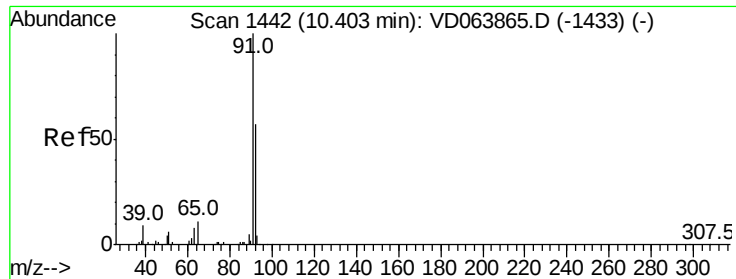
Tot Ion: 98 Resp: 12062
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 15.732 ug/l
RT: 10.21 min Scan# 1409
Delta R.T. -0.02 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 43 Resp: 652
Ion Ratio Lower Upper
43 100
58 0.0 33.0 49.4#





#52

Toluene

Concen: 2.715 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

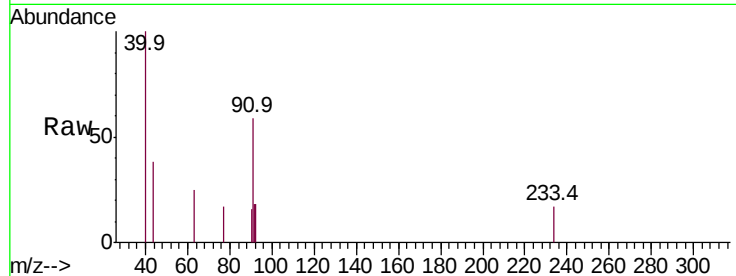
20190853-COMPOSITE-E

Tot Ion: 92 Resp: 509

Ion Ratio Lower Upper

92 100

91 135.4 139.5 209.3#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

600

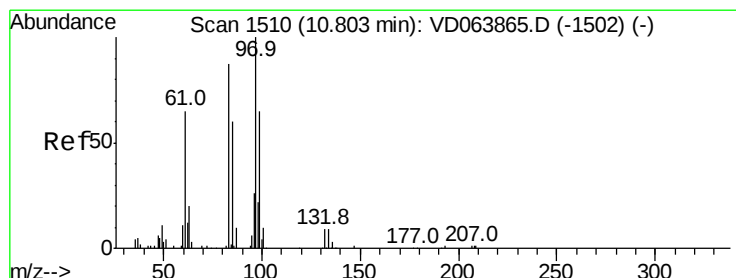
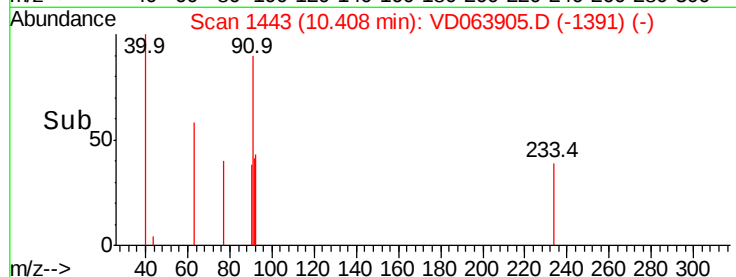
400

200

0

10.40

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.005 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Tgt Ion: 97 Resp: 54

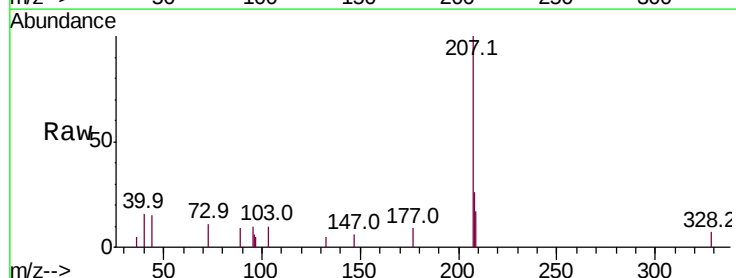
Ion Ratio Lower Upper

97 100

83 0.0 69.7 104.5#

85 0.0 48.1 72.1#

99 0.0 51.9 77.9#



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

250

200

150

100

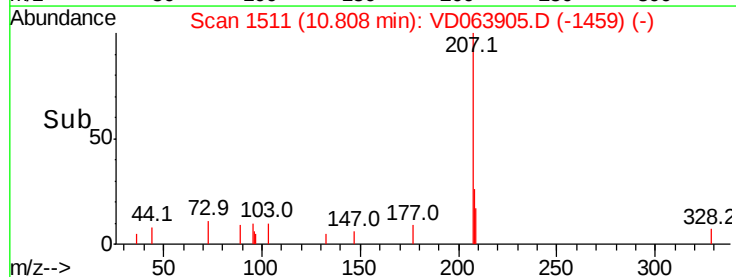
50

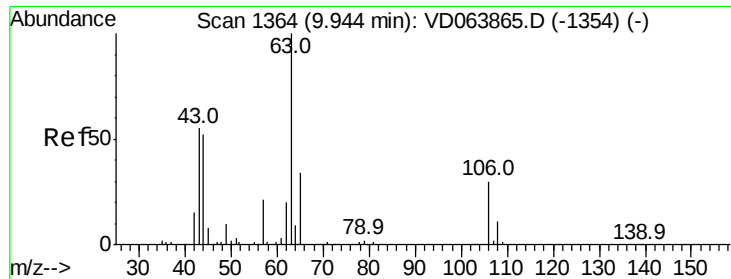
0

10.80

10.81

Time-->

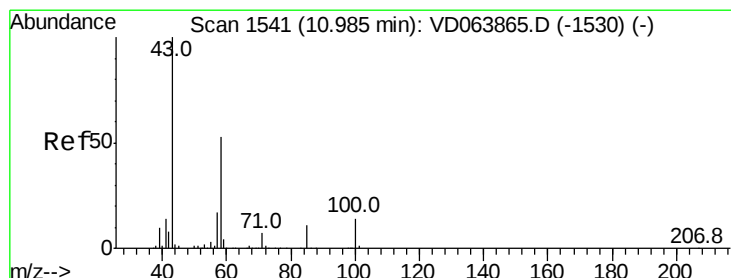
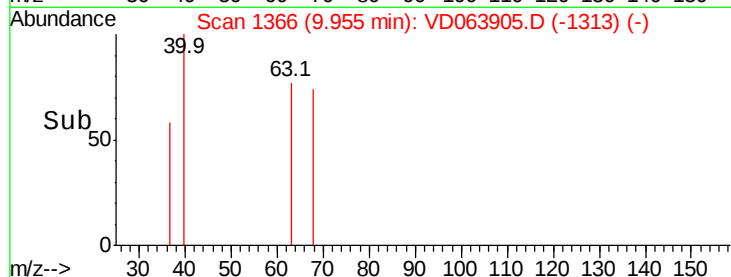
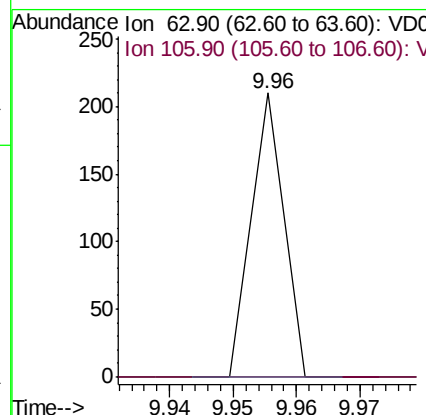
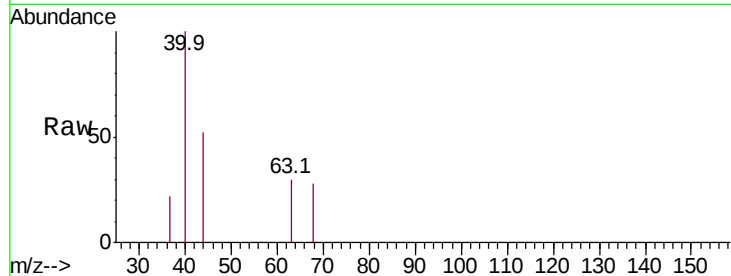




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.529 ug/l
 RT: 9.96 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VD063905.D
 Acq: 10 Oct 2019 12:51

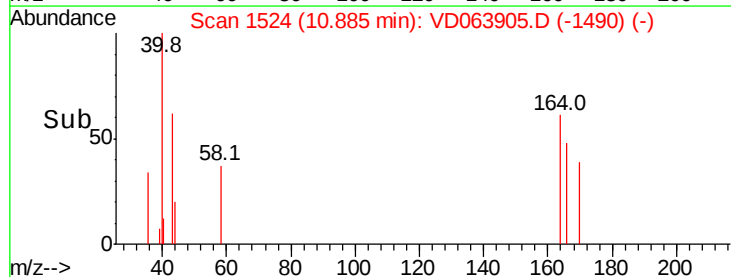
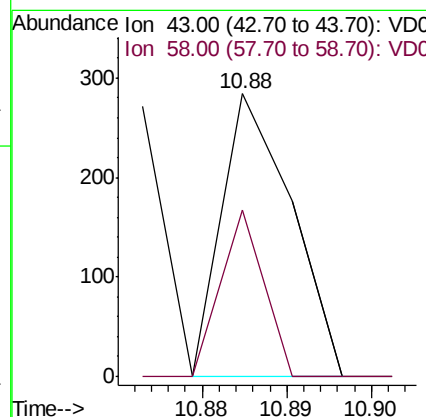
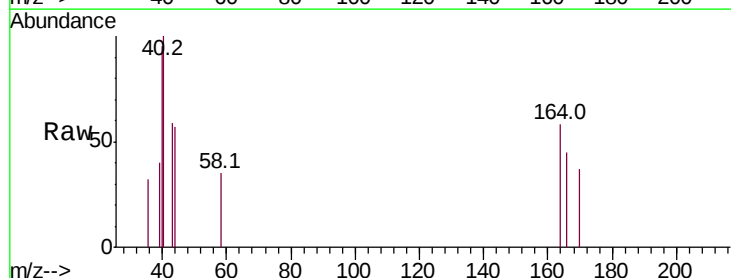
Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

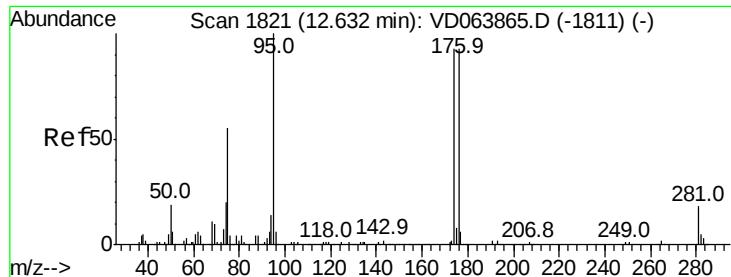
Tot Ion: 63 Resp: 74
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.3 36.5#



#59
 2-Hexanone
 Concen: 5.404 ug/l
 RT: 10.88 min Scan# 1524
 Delta R.T. -0.10 min
 Lab File: VD063905.D
 Acq: 10 Oct 2019 12:51

Tgt Ion: 43 Resp: 162
 Ion Ratio Lower Upper
 43 100
 58 36.4 27.7 83.0

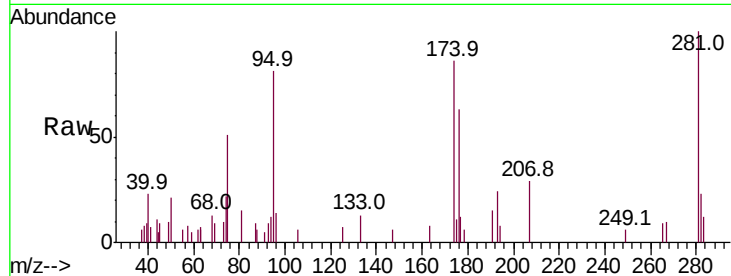




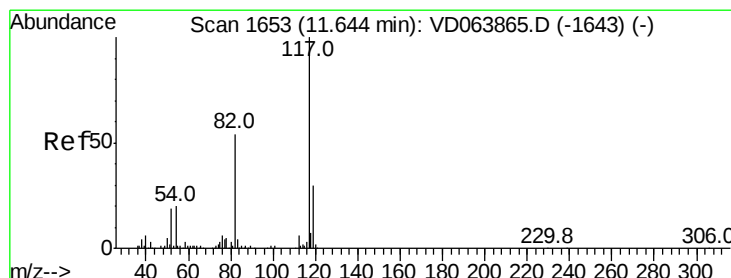
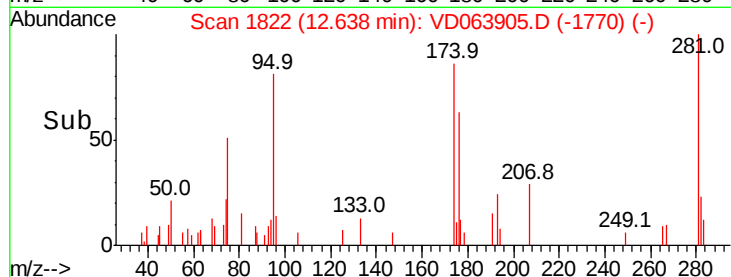
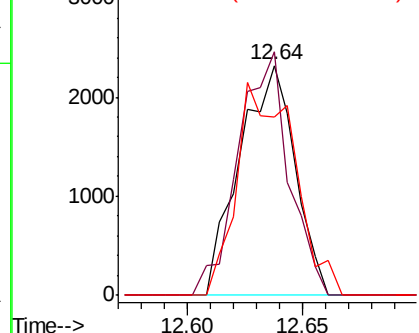
#62
4-Bromofluorobenzene
Concen: 43.013 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

Tot Ion: 95 Resp: 3864
Ion Ratio Lower Upper
95 100
174 97.1 0.0 186.4
176 96.1 0.0 184.2

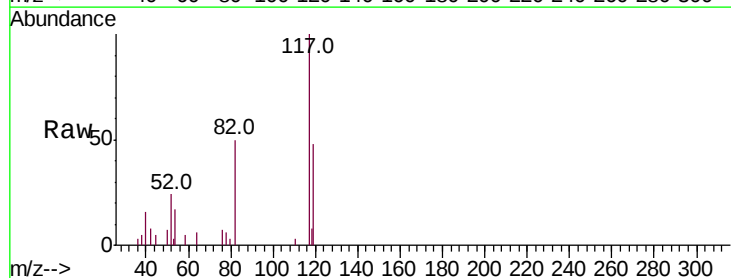


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

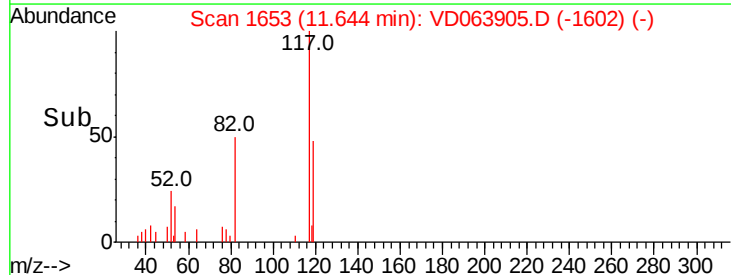
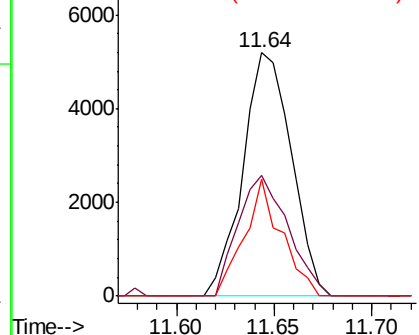


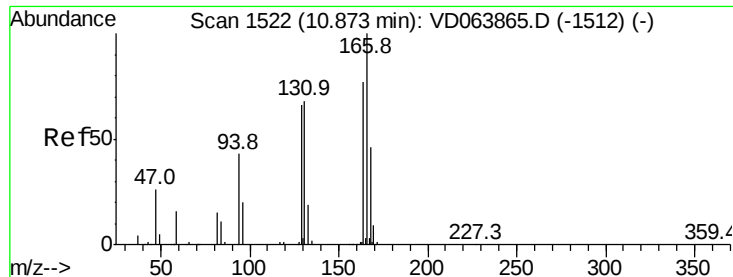
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 117 Resp: 8938
Ion Ratio Lower Upper
117 100
82 49.7 42.8 64.2
119 48.0 24.4 36.6#



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





#64

Tetrachloroethene

Concen: 4.851 ug/l

RT: 10.88 min Scan# 1524

Delta R.T. 0.01 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

Tot Ion:164 Resp: 296

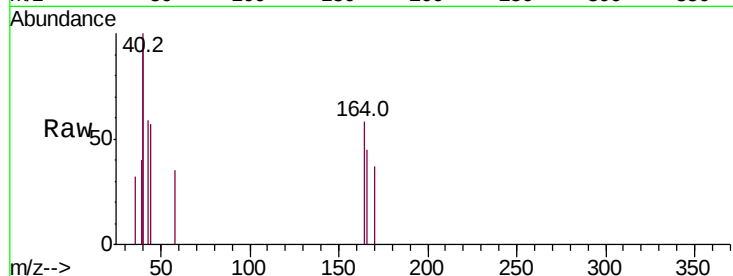
Ion Ratio Lower Upper

164 100

166 78.6 103.8 155.6#

129 0.0 68.9 103.3#

131 0.0 70.9 106.3#



Abundance Ion 163.80 (163.50 to 164.50): V

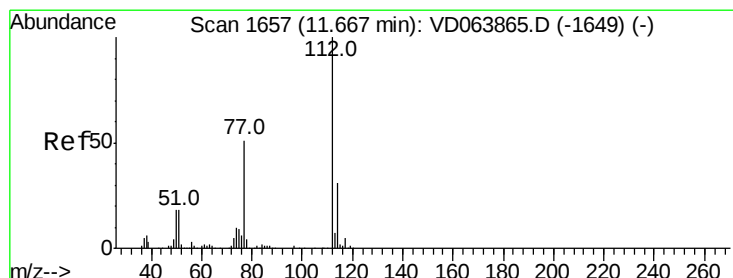
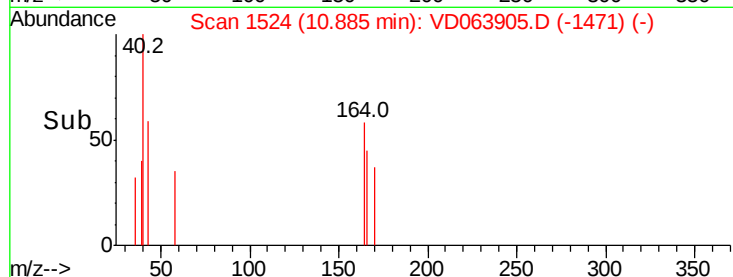
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

10.88

Time-->



#65

Chlorobenzene

Concen: 1.794 ug/l

RT: 11.66 min Scan# 1655

Delta R.T. -0.01 min

Lab File: VD063905.D

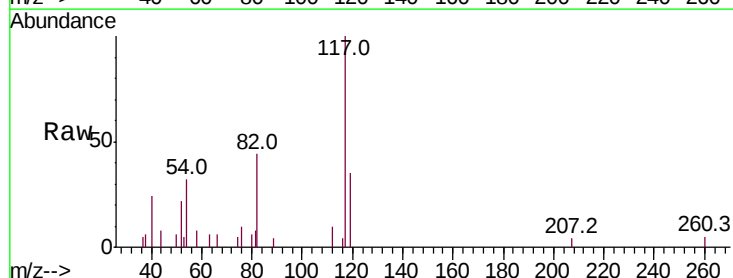
Acq: 10 Oct 2019 12:51

Tgt Ion:112 Resp: 322

Ion Ratio Lower Upper

112 100

114 0.0 25.1 37.7#

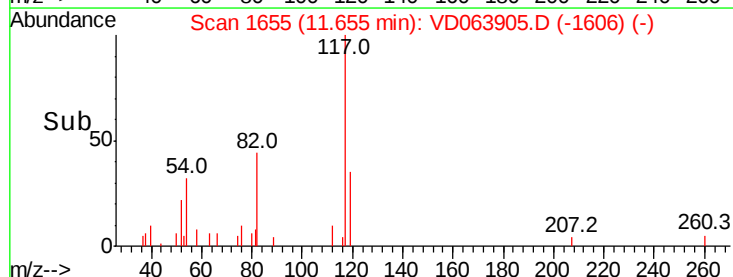


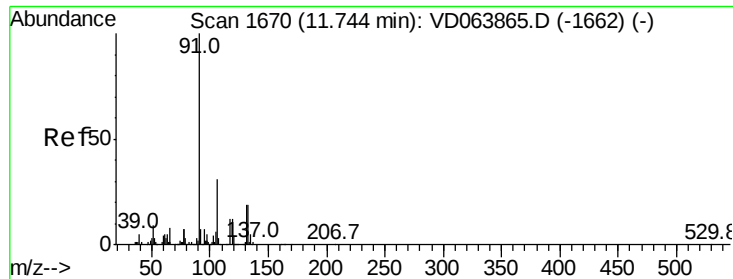
Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

Time-->





#66

1,1,1,2-Tetrachloroethane

Concen: 1.678 ug/l

RT: 11.47 min Scan# 1624

Delta R.T. -0.27 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

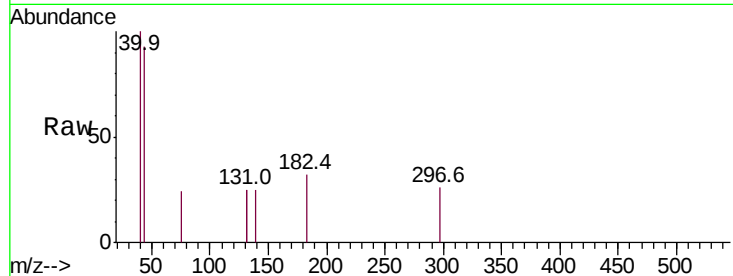
Tot Ion:131 Resp: 111

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

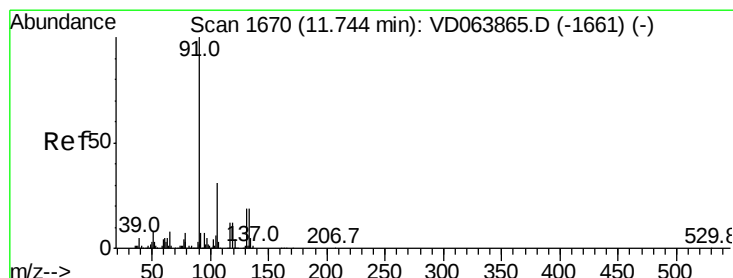
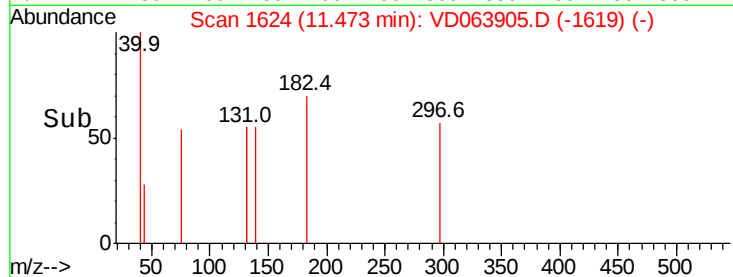
Ion 118.80 (118.50 to 119.50): V

11.47

11.46

11.48

Time-->



#67

Ethyl Benzene

Concen: 3.241 ug/l

RT: 11.76 min Scan# 1672

Delta R.T. 0.01 min

Lab File: VD063905.D

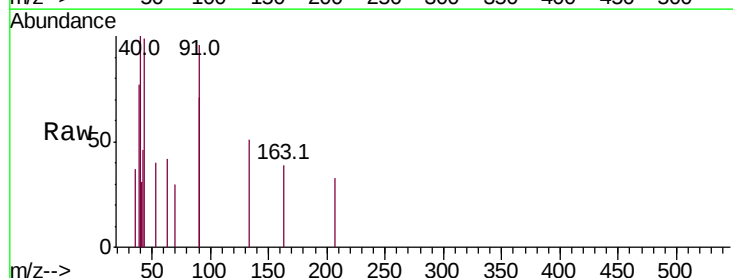
Acq: 10 Oct 2019 12:51

Tgt Ion: 91 Resp: 1049

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

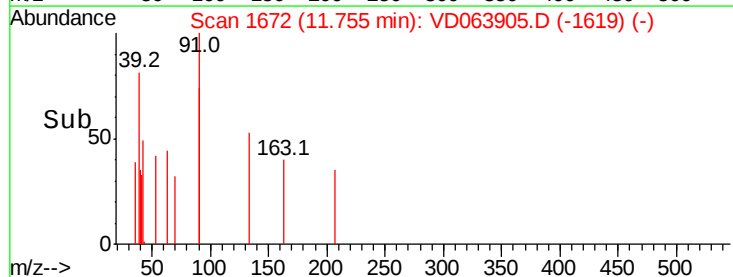
11.76

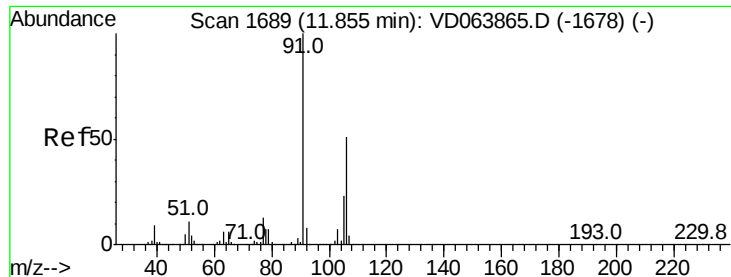
11.70

11.75

11.80

Time-->

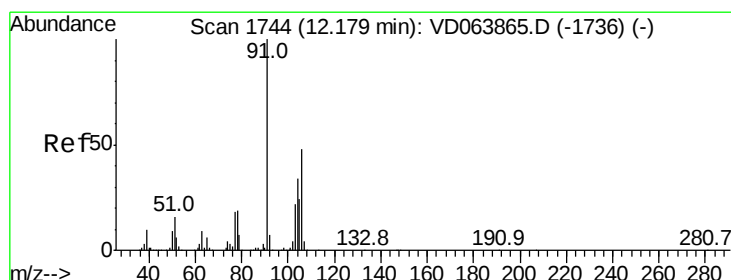
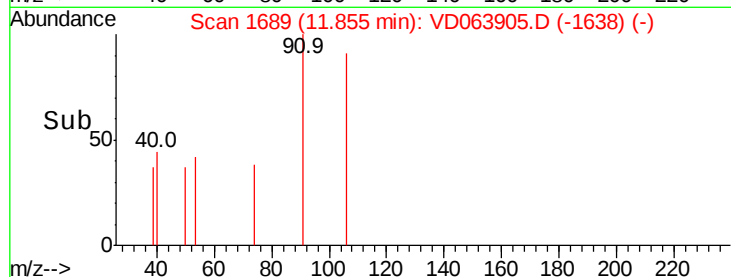
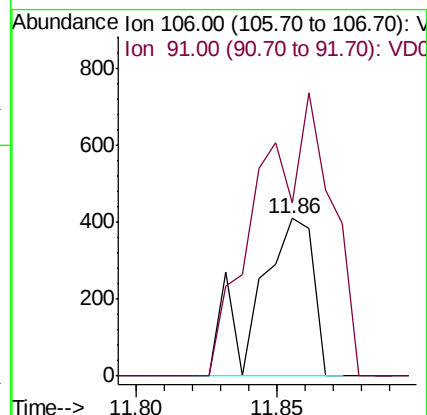
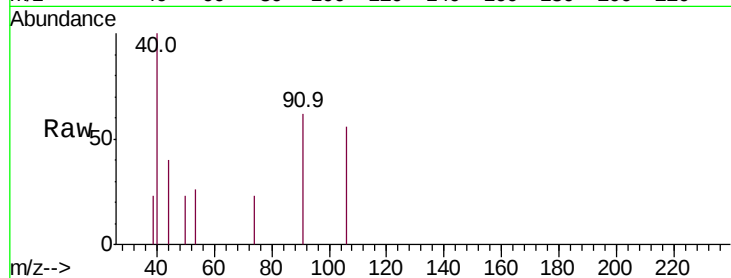




#68
m/p-Xylenes
Concen: 4.539 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

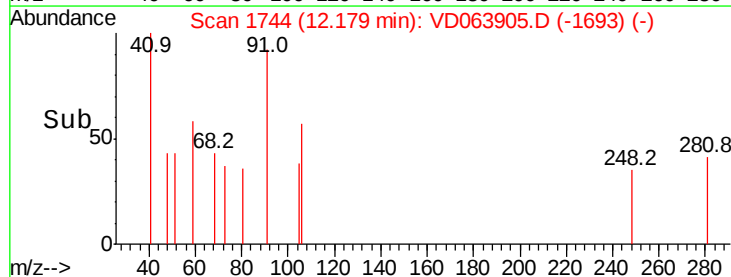
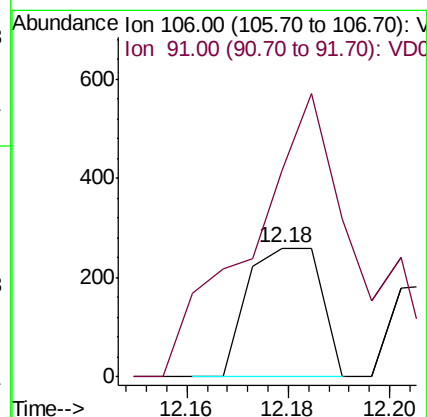
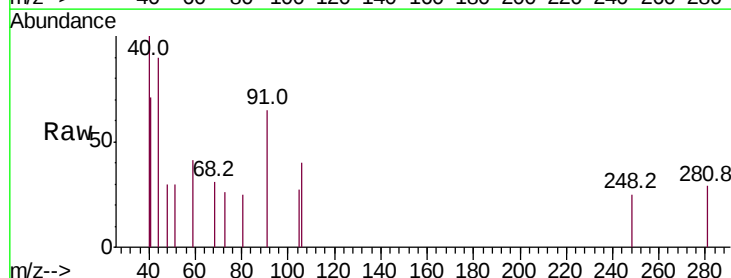
Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

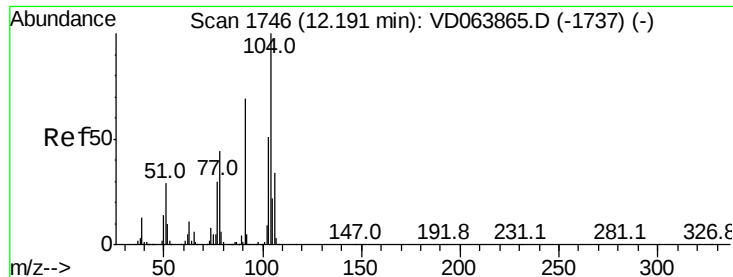
Tot Ion:106 Resp: 567
Ion Ratio Lower Upper
106 100
91 130.3 154.8 232.2#



#69
o-Xylene
Concen: 2.182 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Tgt Ion:106 Resp: 261
Ion Ratio Lower Upper
106 100
91 313.8 103.9 311.7#

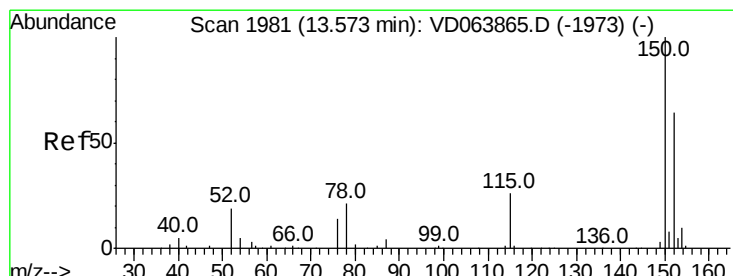
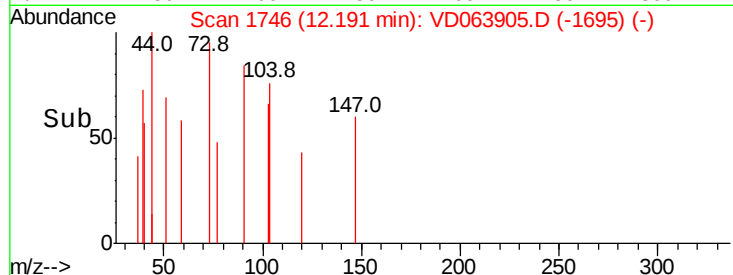
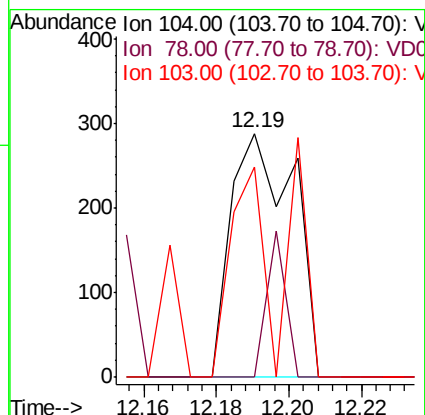
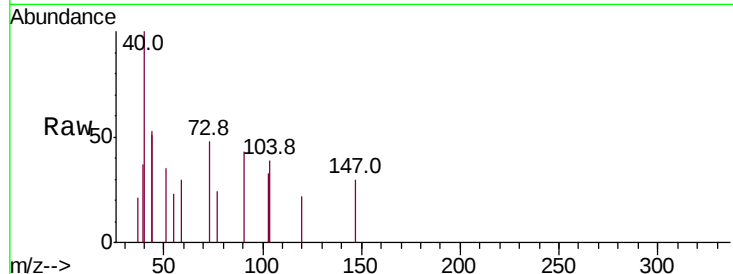




#70
Stvrene
Concen: 1.709 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

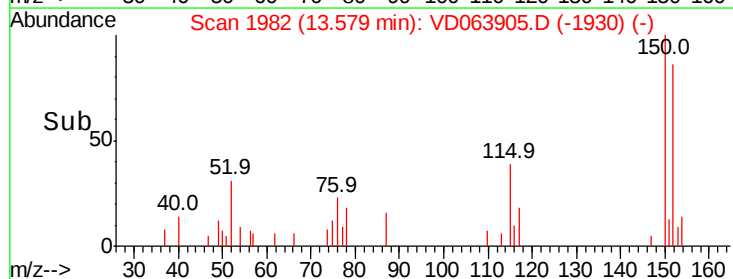
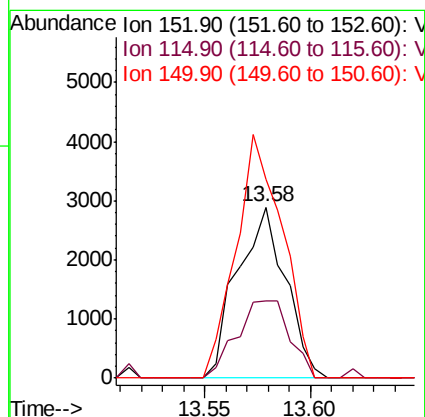
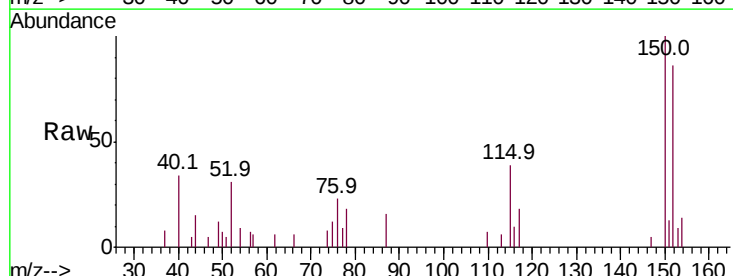
Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

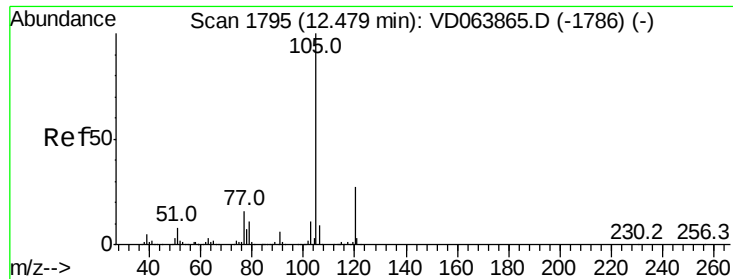
Tot Ion:104 Resp: 346
Ion Ratio Lower Upper
104 100
78 17.6 37.0 55.4#
103 45.4 44.2 66.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063905.D
Acq: 10 Oct 2019 12:51

Tgt Ion:152 Resp: 4593
Ion Ratio Lower Upper
152 100
115 49.6 25.9 77.7
150 136.6 0.0 344.2





#73

Isopropylbenzene

Concen: 1.788 ug/l

RT: 12.47 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

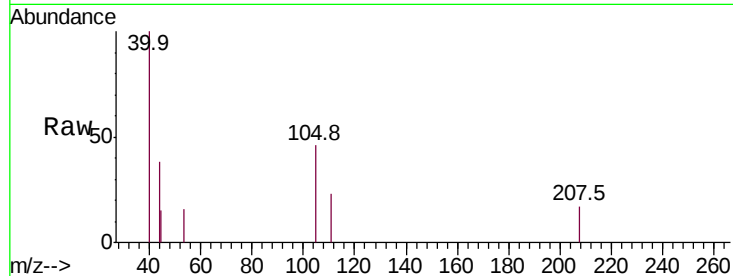
20190853-COMPOSITE-E

Tot Ion:105 Resp: 552

Ion Ratio Lower Upper

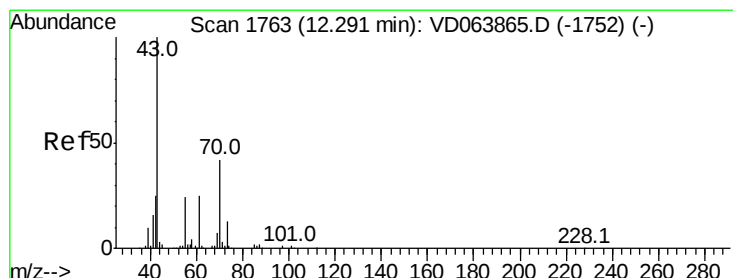
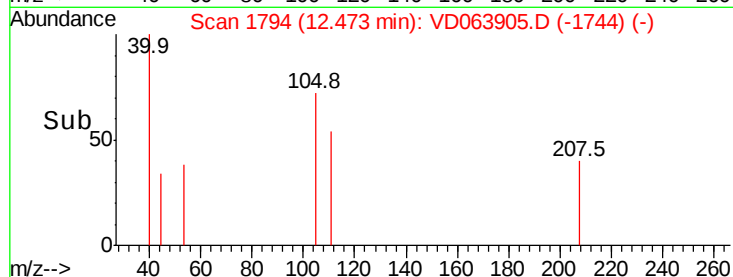
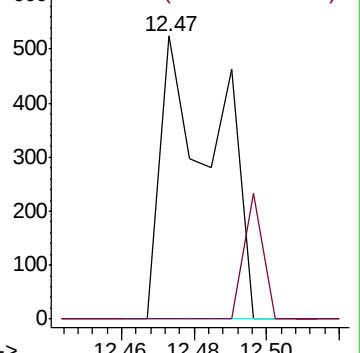
105 100

120 0.0 13.3 39.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.069 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Tgt Ion: 43 Resp: 337

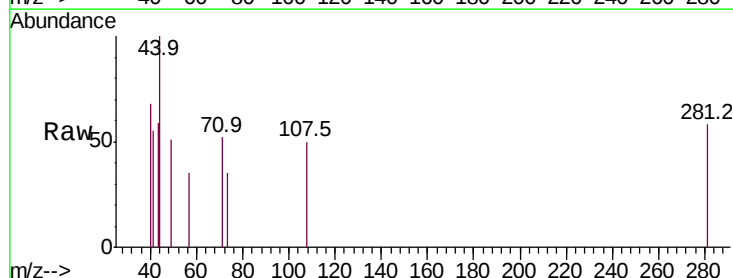
Ion Ratio Lower Upper

43 100

70 0.0 35.8 53.6#

55 17.8 19.4 29.0#

61 0.0 20.4 30.6#

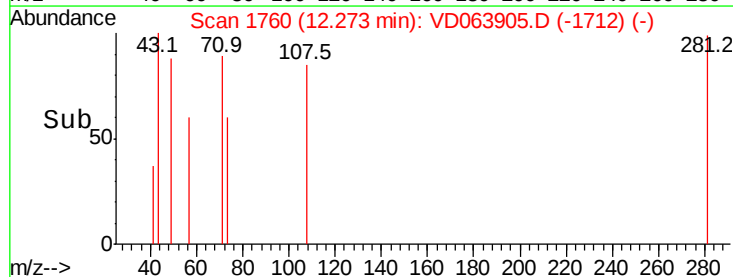
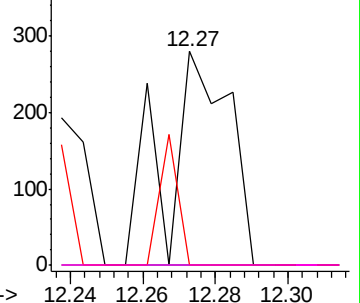


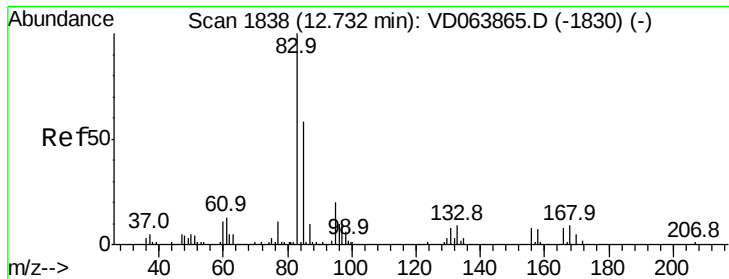
Abundance Ion 43.00 (42.70 to 43.70): V

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: 1.154 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

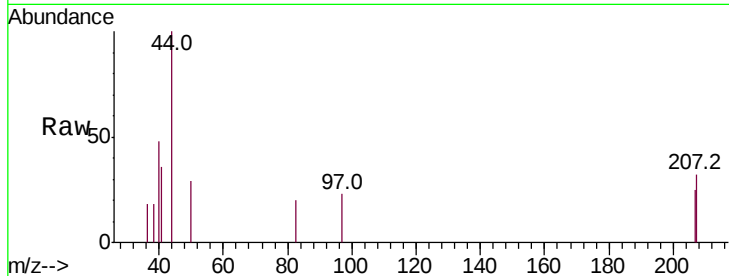
Tot Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

131 91.9 5.6 16.8#

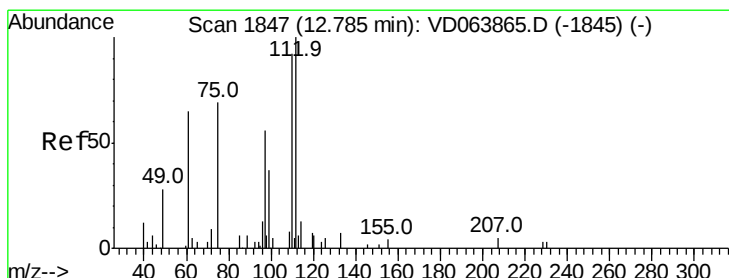
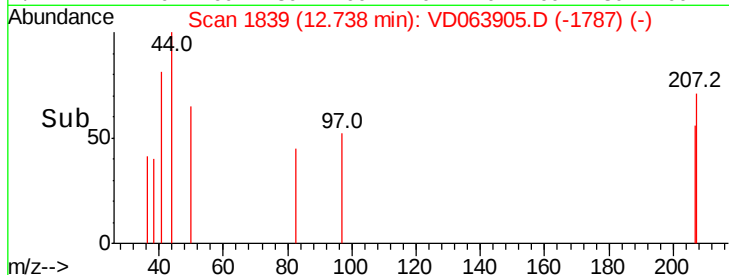
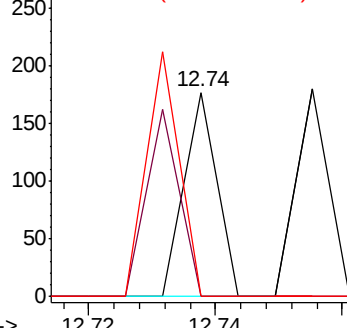
85 121.0 32.3 96.8#



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: 10.922 ug/l

RT: 12.77 min Scan# 1845

Delta R.T. -0.01 min

Lab File: VD063905.D

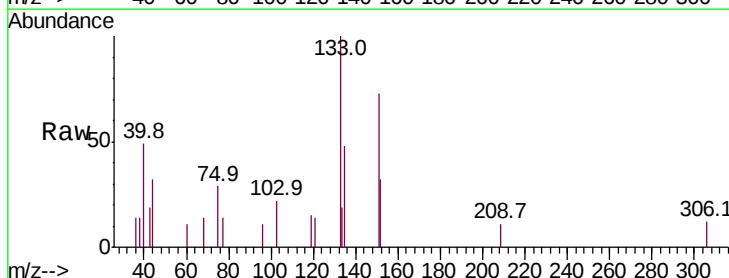
Acq: 10 Oct 2019 12:51

Tgt Ion: 75 Resp: 336

Ion Ratio Lower Upper

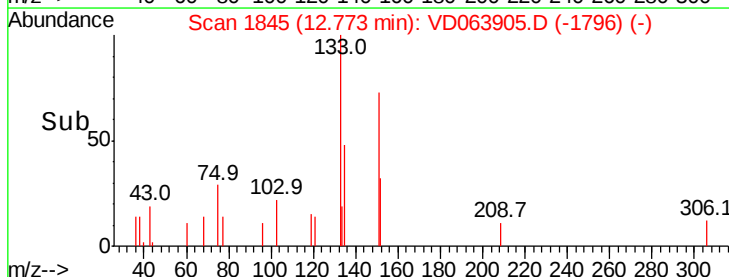
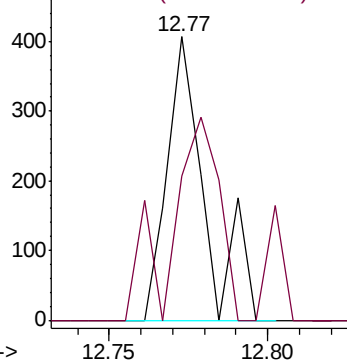
75 100

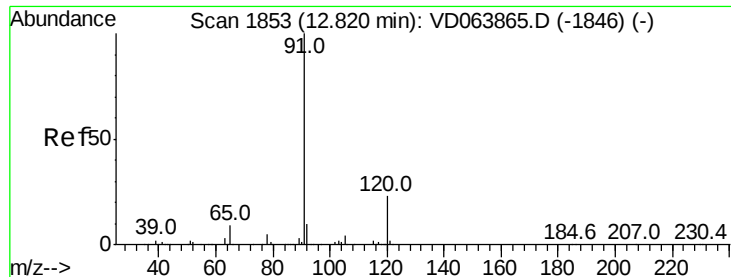
77 91.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#78

n-propylbenzene

Concen: 2.605 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

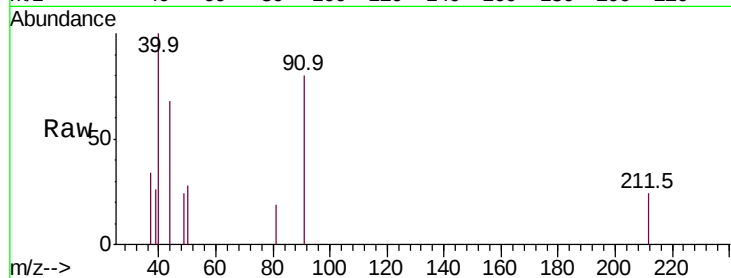
20190853-COMPOSITE-E

Tot Ion: 91 Resp: 944

Ion Ratio Lower Upper

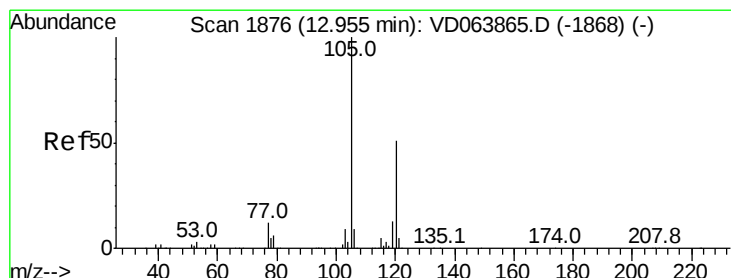
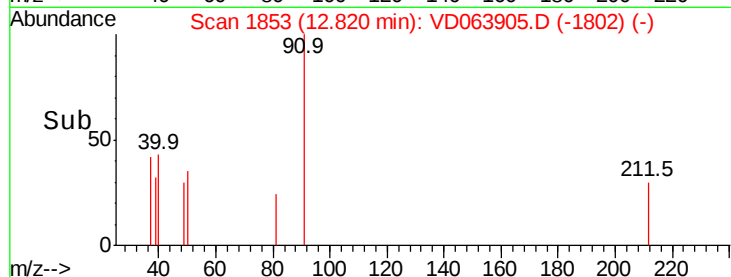
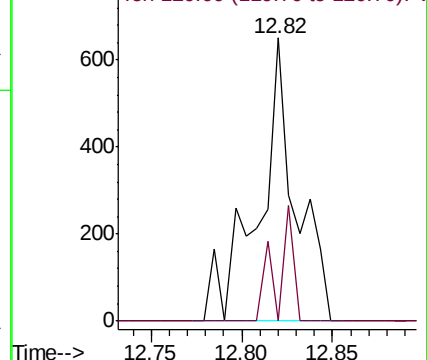
91 100

120 6.9 12.0 36.0#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.238 ug/l

RT: 12.95 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VD063905.D

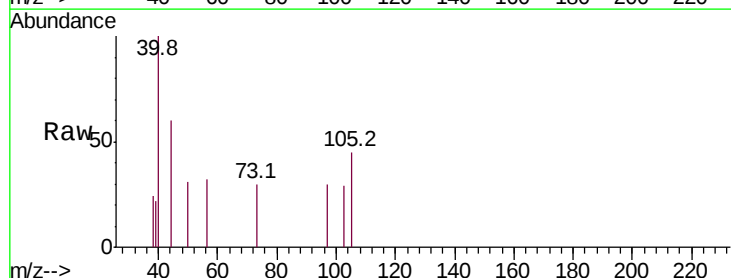
Acq: 10 Oct 2019 12:51

Tgt Ion: 105 Resp: 319

Ion Ratio Lower Upper

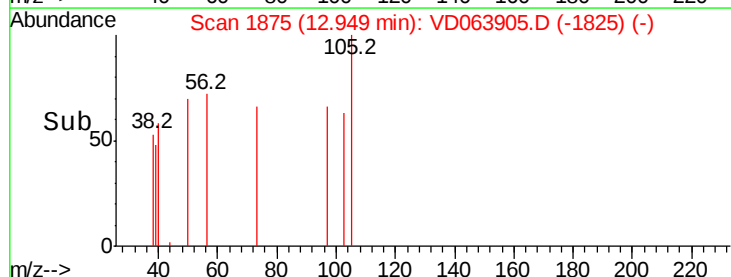
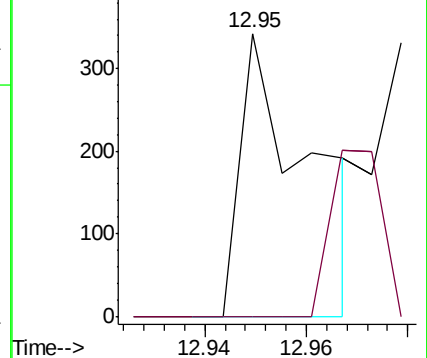
105 100

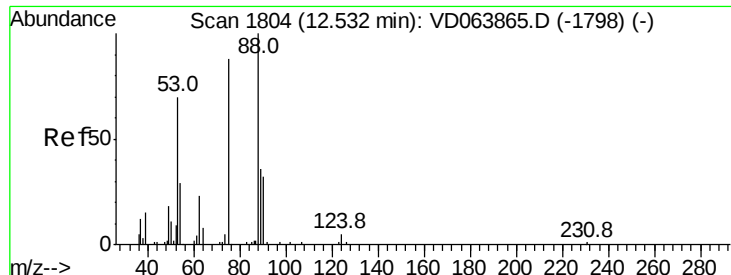
120 44.2 25.9 77.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 143.868 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

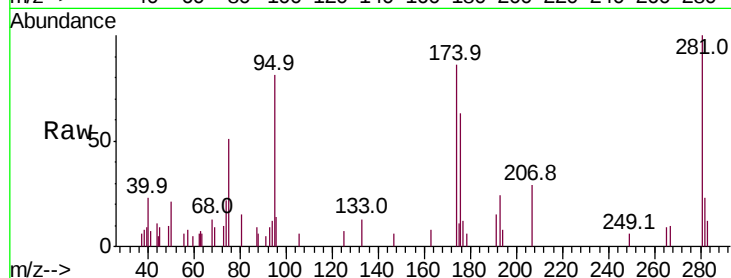
Tot Ion: 75 Resp: 2501

Ion Ratio Lower Upper

75 100

53 7.6 75.0 112.6#

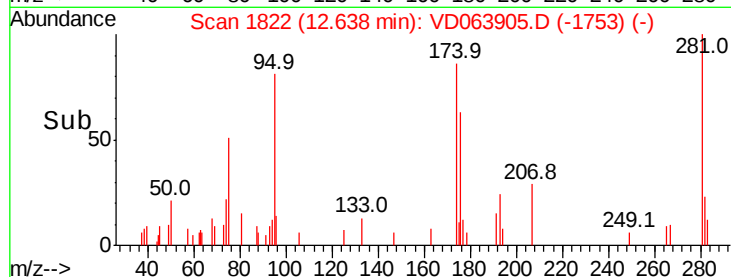
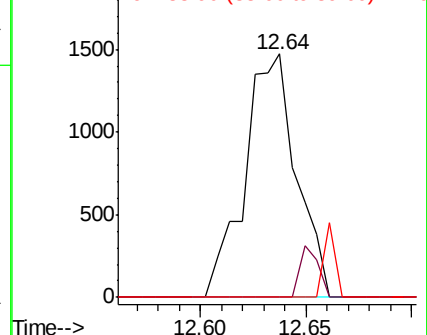
89 0.0 38.2 57.4#



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



#83

tert-Butylbenzene

Concen: 2.992 ug/l

RT: 13.22 min Scan# 1921

Delta R.T. -0.00 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

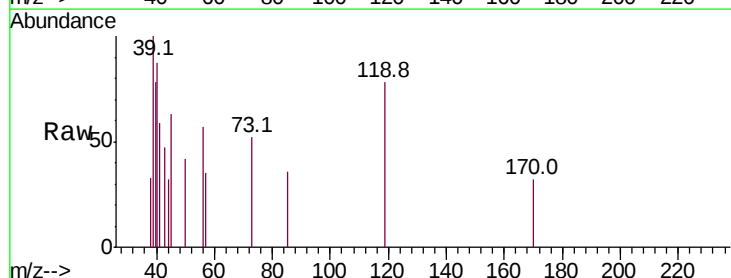
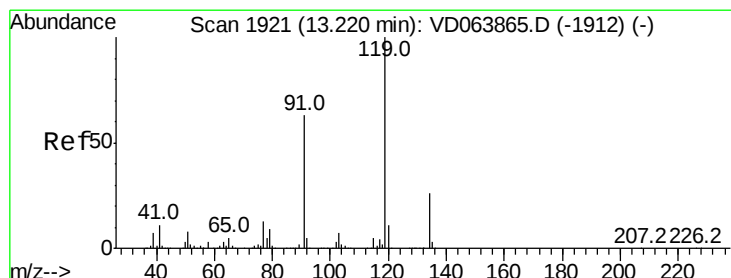
Tgt Ion: 119 Resp: 686

Ion Ratio Lower Upper

119 100

91 54.1 30.0 90.0

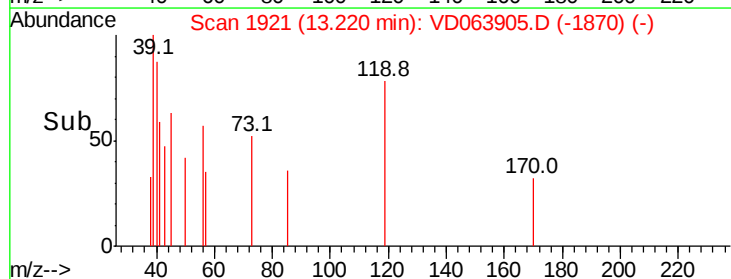
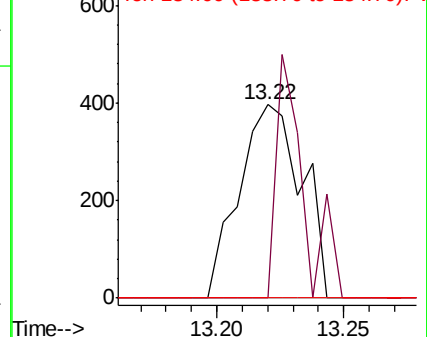
134 0.0 13.0 38.9#

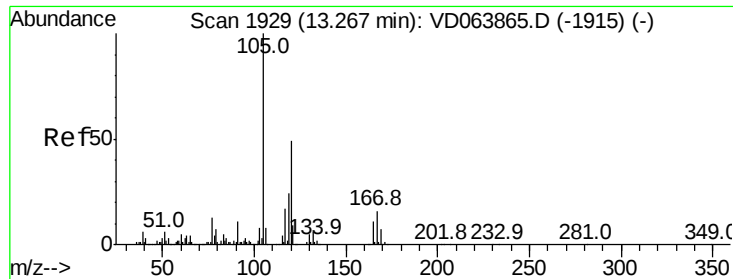


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VDC

Ion 134.00 (133.70 to 134.70): V

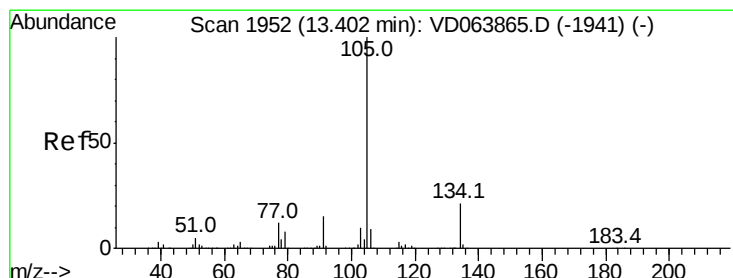
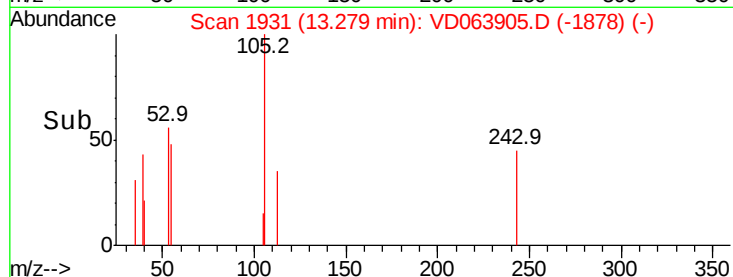
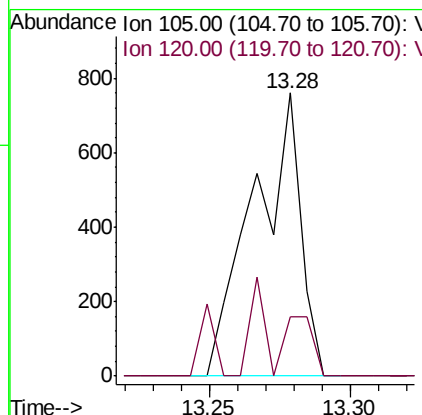
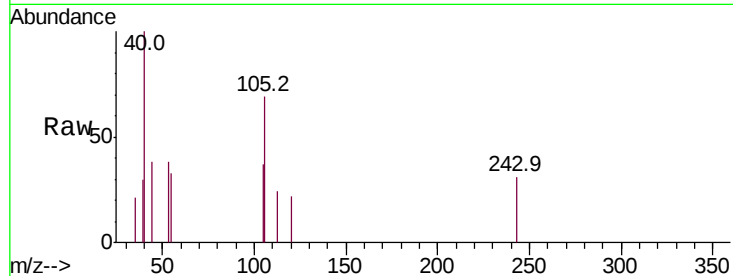




#84
 1,2,4-Trimethylbenzene
 Concen: 3.306 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD063905.D
 Acq: 10 Oct 2019 12:51

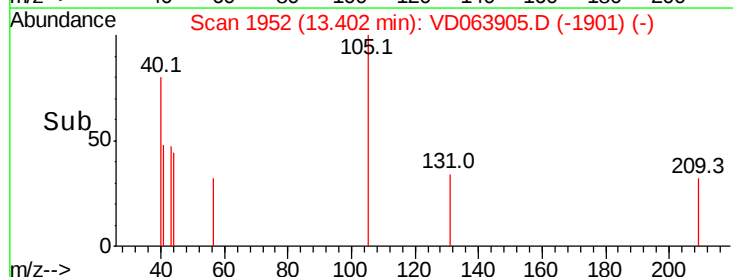
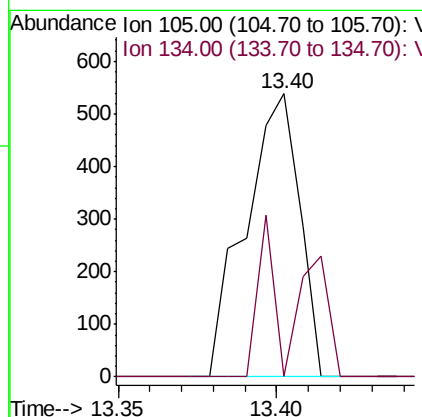
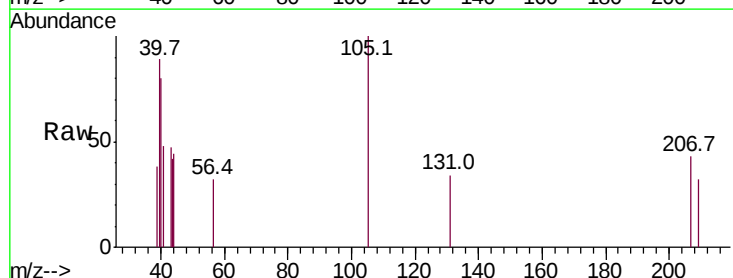
Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

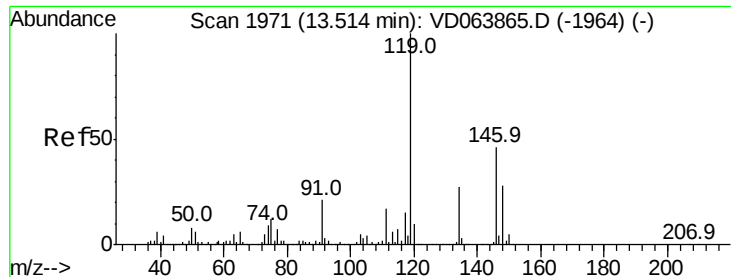
Tot Ion:105 Resp: 878
 Ion Ratio Lower Upper
 105 100
 120 10.7 23.8 71.5#



#85
 sec-Butylbenzene
 Concen: 2.064 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD063905.D
 Acq: 10 Oct 2019 12:51

Tgt Ion:105 Resp: 639
 Ion Ratio Lower Upper
 105 100
 134 16.9 10.6 31.8

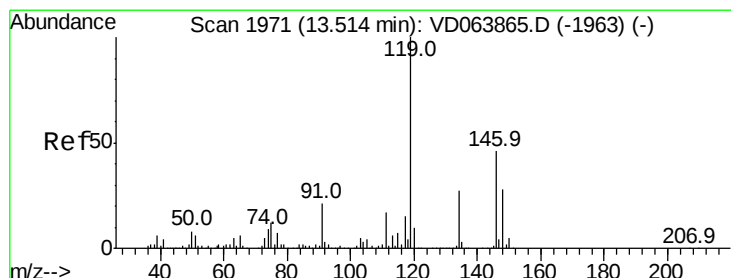
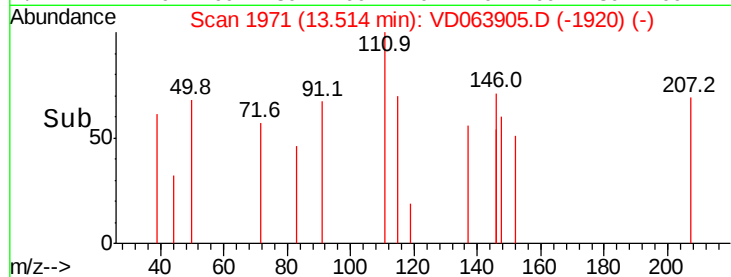
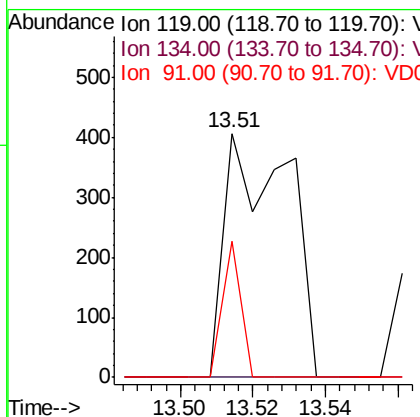
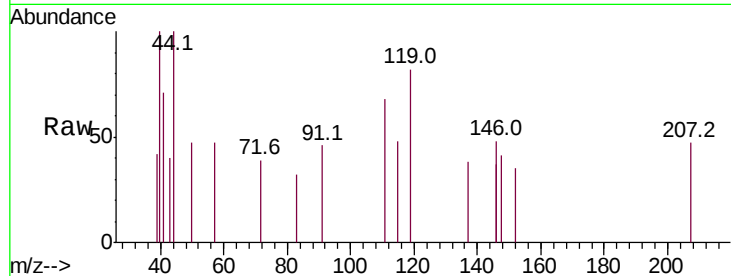




#86
 p-Isopropyltoluene
 Concen: 1.679 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VD063905.D
 Acq: 10 Oct 2019 12:51

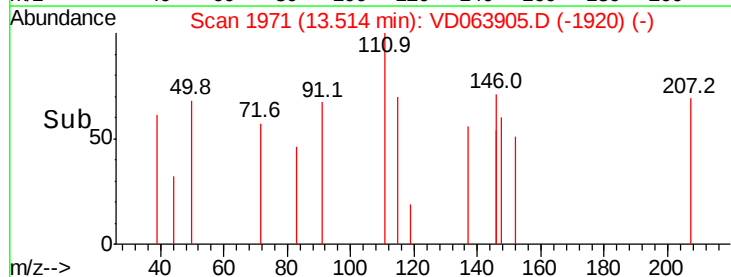
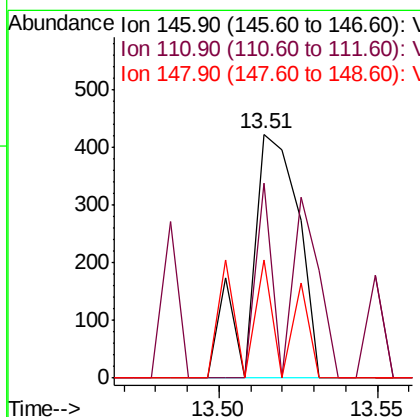
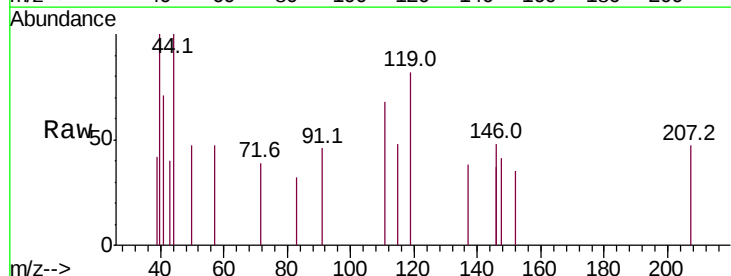
Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

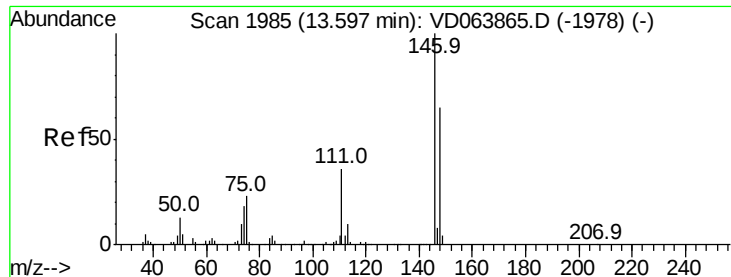
Tot Ion:119 Resp: 492
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.9 41.6#
 91 16.3 11.2 33.5



#87
 1,3-Dichlorobenzene
 Concen: 2.947 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VD063905.D
 Acq: 10 Oct 2019 12:51

Tgt Ion:146 Resp: 448
 Ion Ratio Lower Upper
 146 100
 111 26.8 18.3 54.9
 148 16.1 31.8 95.4#





#88

1,4-Dichlorobenzene

Concen: 3.008 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

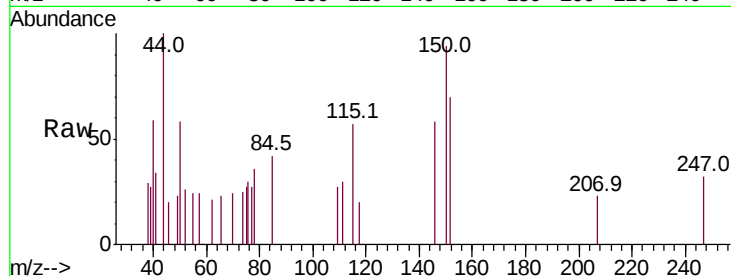
Tot Ion:146 Resp: 451

Ion Ratio Lower Upper

146 100

111 72.3 18.6 56.0#

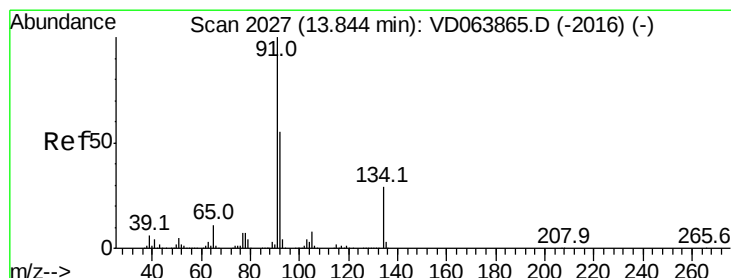
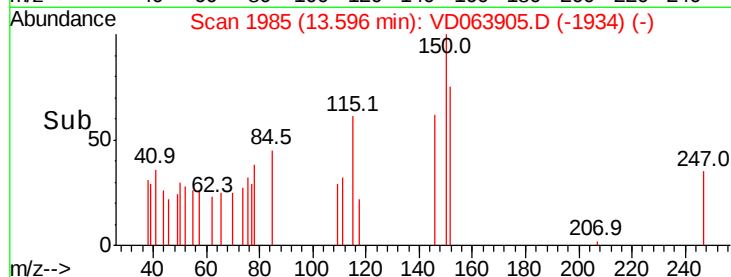
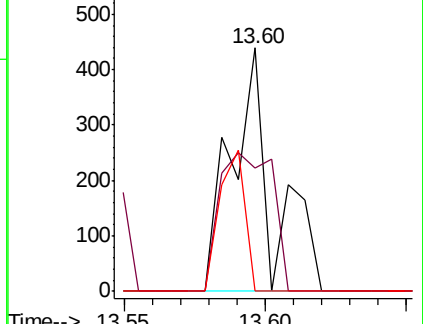
148 35.0 32.6 98.0



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



#89

n-Butylbenzene

Concen: 2.886 ug/l

RT: 13.84 min Scan# 2026

Delta R.T. -0.01 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

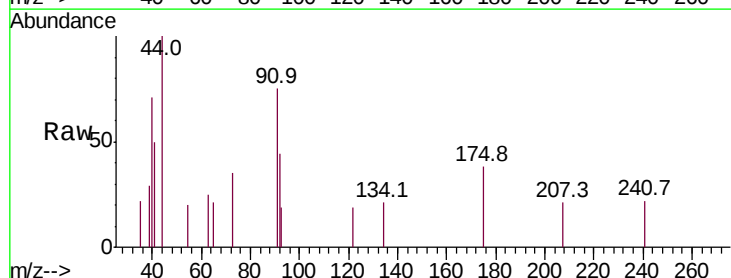
Tgt Ion: 91 Resp: 787

Ion Ratio Lower Upper

91 100

92 37.9 26.8 80.3

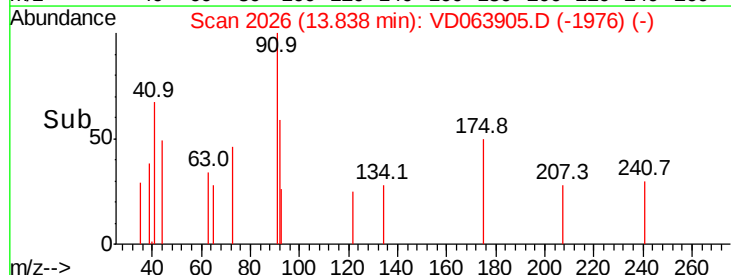
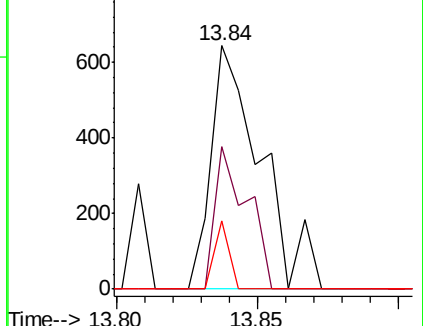
134 8.1 14.4 43.0#

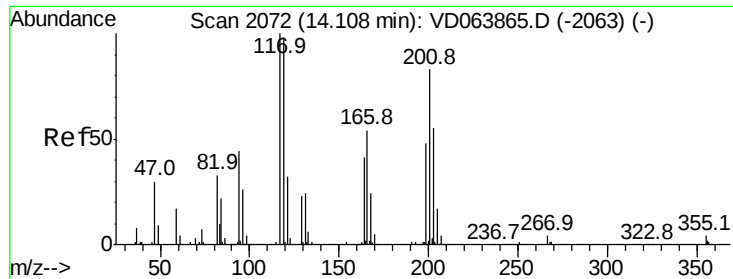


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.139 ug/l

RT: 14.14 min Scan# 2078

Delta R.T. 0.04 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

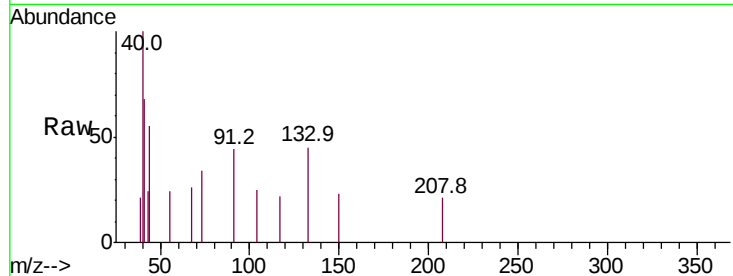
20190853-COMPOSITE-E

Tot Ion:117 Resp: 60

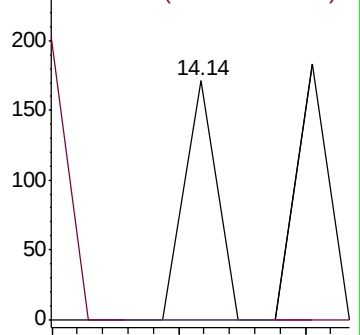
Ion Ratio Lower Upper

117 100

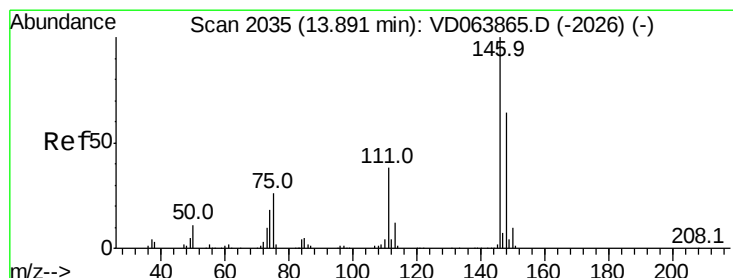
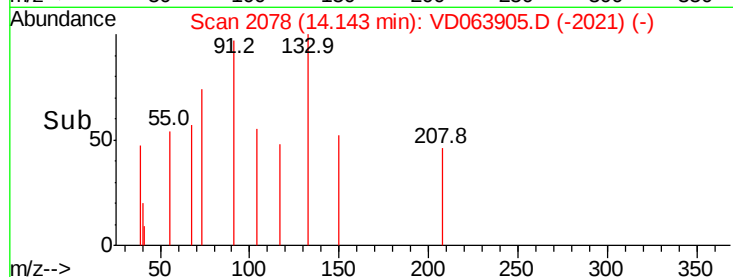
201 0.0 40.6 121.7#



Abundance Ion 116.80 (116.50 to 117.50): V



Time--> 14.12 14.14 14.16



#91

1,2-Dichlorobenzene

Concen: 5.268 ug/l

RT: 13.88 min Scan# 2034

Delta R.T. -0.01 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

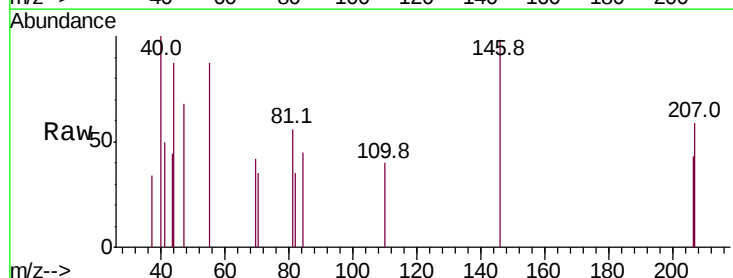
Tgt Ion:146 Resp: 690

Ion Ratio Lower Upper

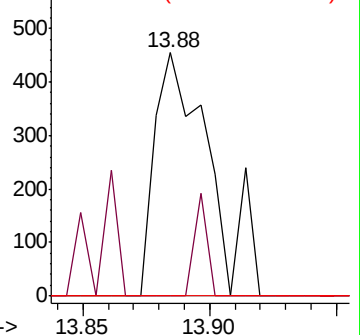
146 100

111 9.9 18.6 55.6#

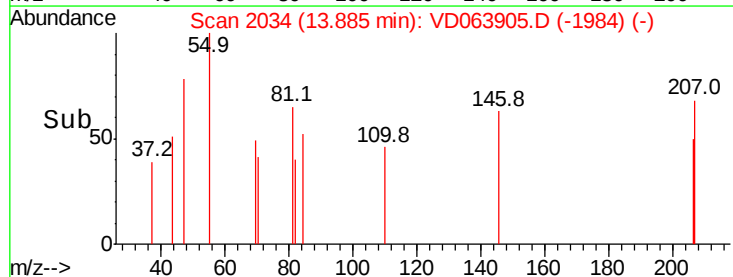
148 0.0 31.6 95.0#

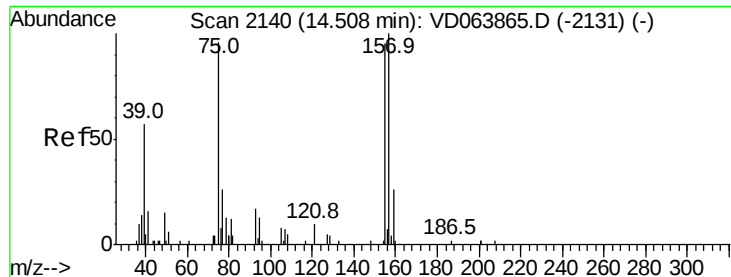


Abundance Ion 145.90 (145.60 to 146.60): V



Time--> 13.85 13.90





#92

1,2-Dibromo-3-Chloropropane

Concen: 9.258 ug/l

RT: 14.41 min Scan# 2123

Delta R.T. -0.10 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

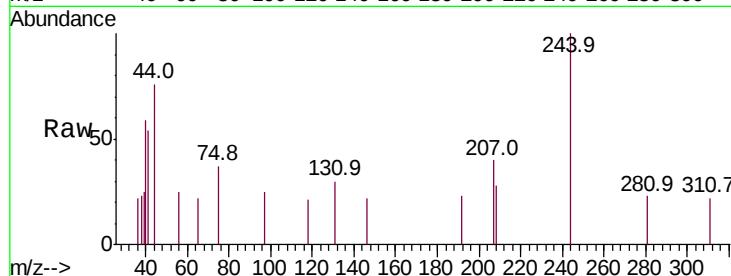
Tot Ion: 75 Resp: 94

Ion Ratio Lower Upper

75 100

155 0.0 43.9 131.6#

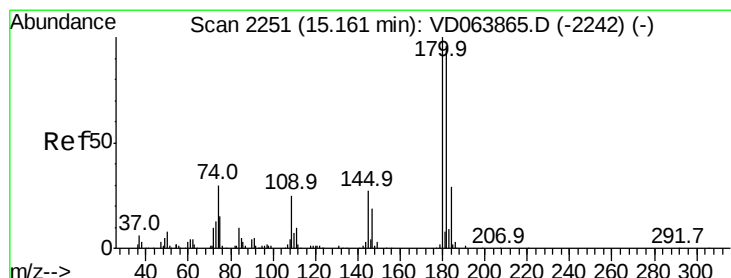
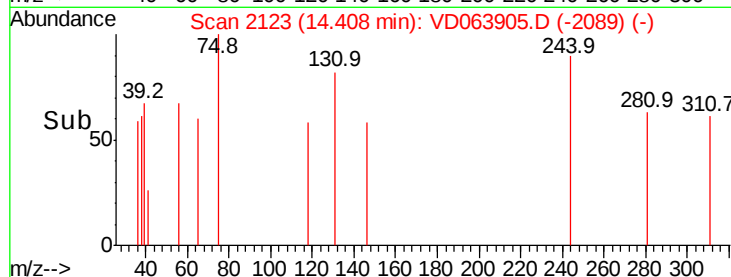
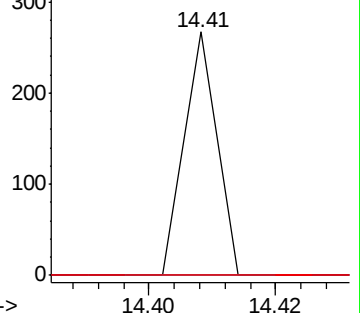
157 0.0 56.0 167.9#



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



#93

1,2,4-Trichlorobenzene

Concen: 1.593 ug/l

RT: 15.17 min Scan# 2253

Delta R.T. 0.01 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

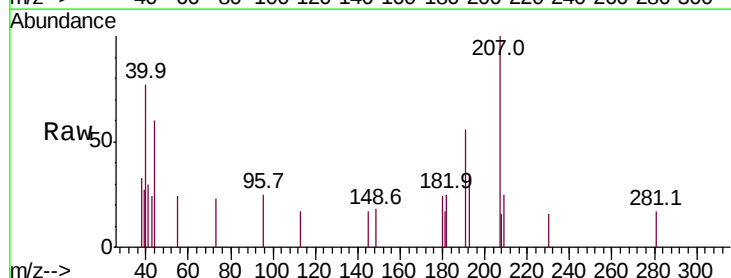
Tgt Ion:180 Resp: 161

Ion Ratio Lower Upper

180 100

182 137.9 47.4 142.3

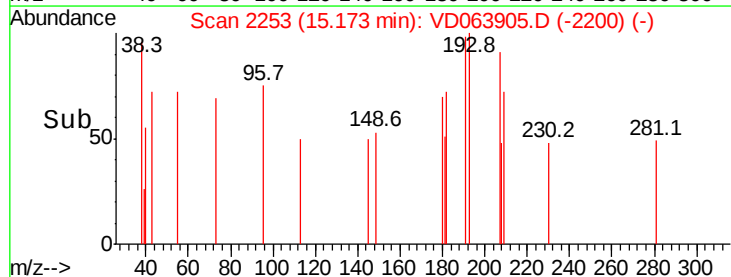
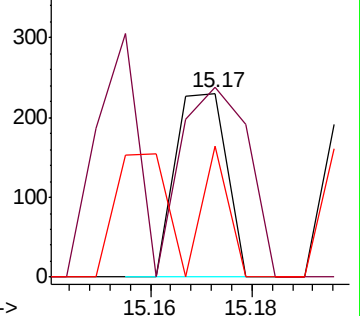
145 103.1 13.9 41.7#

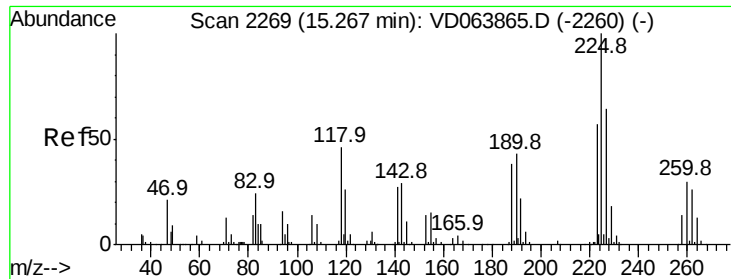


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 7.154 ug/l

RT: 15.27 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

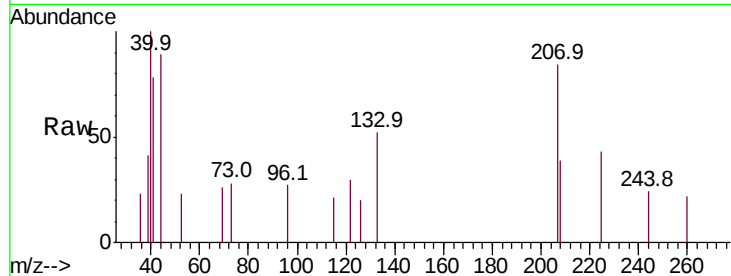
Tot Ion:225 Resp: 399

Ion Ratio Lower Upper

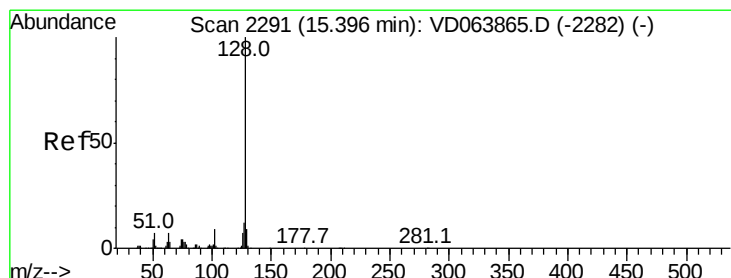
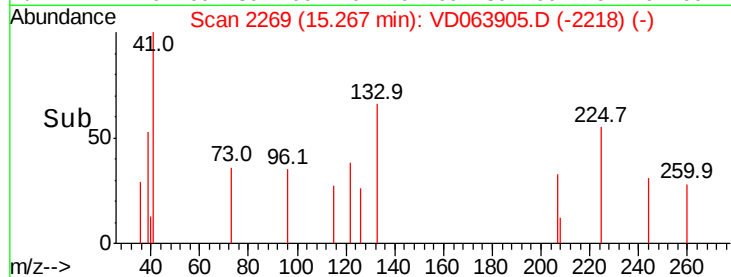
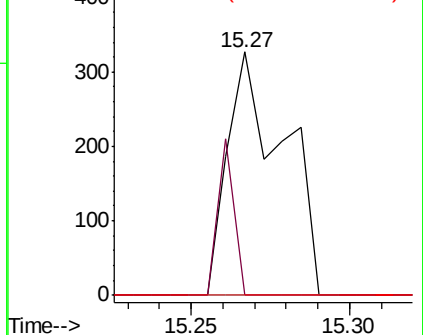
225 100

223 18.5 29.5 88.6#

227 0.0 30.8 92.4#



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: 7.611 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.01 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

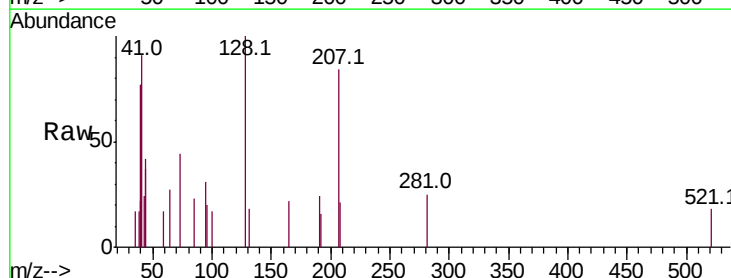
Tgt Ion:128 Resp: 1293

Ion Ratio Lower Upper

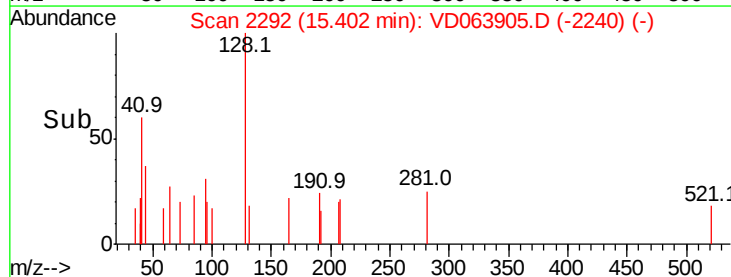
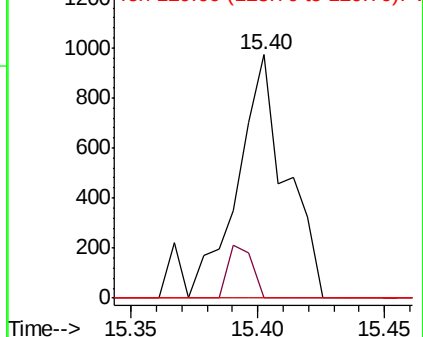
128 100

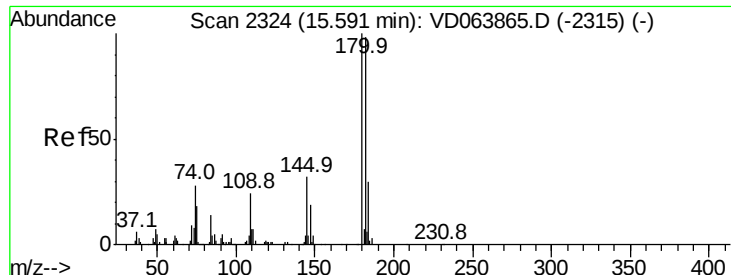
127 10.8 10.6 16.0

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





#96

1,2,3-Trichlorobenzene

Concen: 4.495 ug/l

RT: 15.58 min Scan# 2323

Delta R.T. -0.01 min

Lab File: VD063905.D

Acq: 10 Oct 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

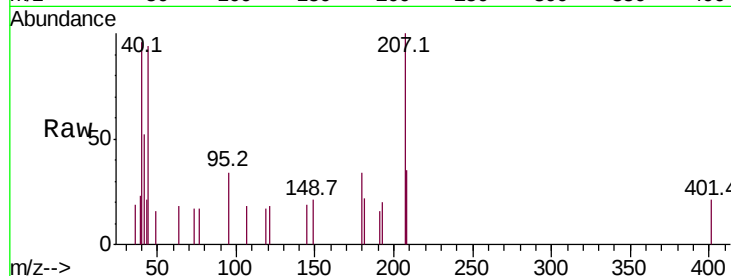
Tot Ion:180 Resp: 392

Ion Ratio Lower Upper

180 100

182 84.4 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

