

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
 Data File : VX017554.D
 Acq On : 24 Jul 2020 19:33
 Operator : JC/SP
 Sample : L3402-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASSIE-WASH

Quant Time: Jul 25 01:54:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	469133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	798189	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	825627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	468070	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	350734	58.20	ug/l	0.00
Spiked Amount			Recovery	=	116.40%	
35) Dibromofluoromethane	5.46	113	267007	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
50) Toluene-d8	8.70	98	1082950	56.23	ug/l	0.00
Spiked Amount			Recovery	=	112.46%	
62) 4-Bromofluorobenzene	11.12	95	482471	62.60	ug/l	0.00
Spiked Amount			Recovery	=	125.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	356	Below Cal	#	42
3) Chloromethane	1.31	50	1173	0.568	ug/l #	69
5) Bromomethane	1.62	94	475	Below Cal	#	39
6) Chloroethane	1.71	64	447	Below Cal	#	72
8) Diethyl Ether	2.17	74	1903	Below Cal		89
11) Tert butyl alcohol	3.00	59	3580	2.819	ug/l #	81
13) Acrolein	2.26	56	1765	5.939	ug/l #	82
16) Acetone	2.42	43	179247	67.580	ug/l	97
17) Carbon Disulfide	2.54	76	5844	0.397	ug/l #	91
18) Methyl Acetate	2.75	43	7147	1.144	ug/l #	86
20) Methylene Chloride	2.84	84	49699	8.893	ug/l	97
25) 2-Butanone	4.64	43	59040	15.669	ug/l	95
29) Tetrahydrofuran	5.10	42	3288	1.409	ug/l #	80
36) 1,1-Dichloropropene	5.63	75	35217	4.600	ug/l #	51
37) Ethyl Acetate	4.64	43	59040	7.049	ug/l #	71
38) Carbon Tetrachloride	5.63	117	46252	4.975	ug/l #	17
39) Methylcyclohexane	7.44	83	2015	0.225	ug/l #	78
40) Benzene	6.12	78	11187	0.510	ug/l	94
43) Isopropyl Acetate	6.42	43	112893	8.169	ug/l	99
48) Methyl methacrylate	7.65	41	8575	1.252	ug/l #	15
49) 1,4-Dioxane	7.71	88	264	2.010	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	491540	59.610	ug/l	88
52) Toluene	8.77	92	63800	4.533	ug/l	100
54) cis-1,3-Dichloropropene	8.59	75	48162	4.875	ug/l #	61
55) 1,1,2-Trichloroethane	9.15	97	1998	0.341	ug/l #	31
56) Ethyl methacrylate	9.07	69	27292	3.090	ug/l #	72
59) 2-Hexanone	9.52	43	97966	15.780	ug/l #	52
67) Ethyl Benzene	10.24	91	182839	6.129	ug/l	93
68) m/p-Xylenes	10.34	106	214629	18.572	ug/l	97
69) o-Xylene	10.68	106	159381	14.339	ug/l	99
70) Styrene	10.68	104	11443	0.605	ug/l #	1
73) Isopropylbenzene	11.01	105	45196	1.408	ug/l	95
74) N-amyl acetate	10.91	43	3916	0.274	ug/l #	28
76) 1,2,3-Trichloropropane	11.12	75	247665	25.722	ug/l #	35

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

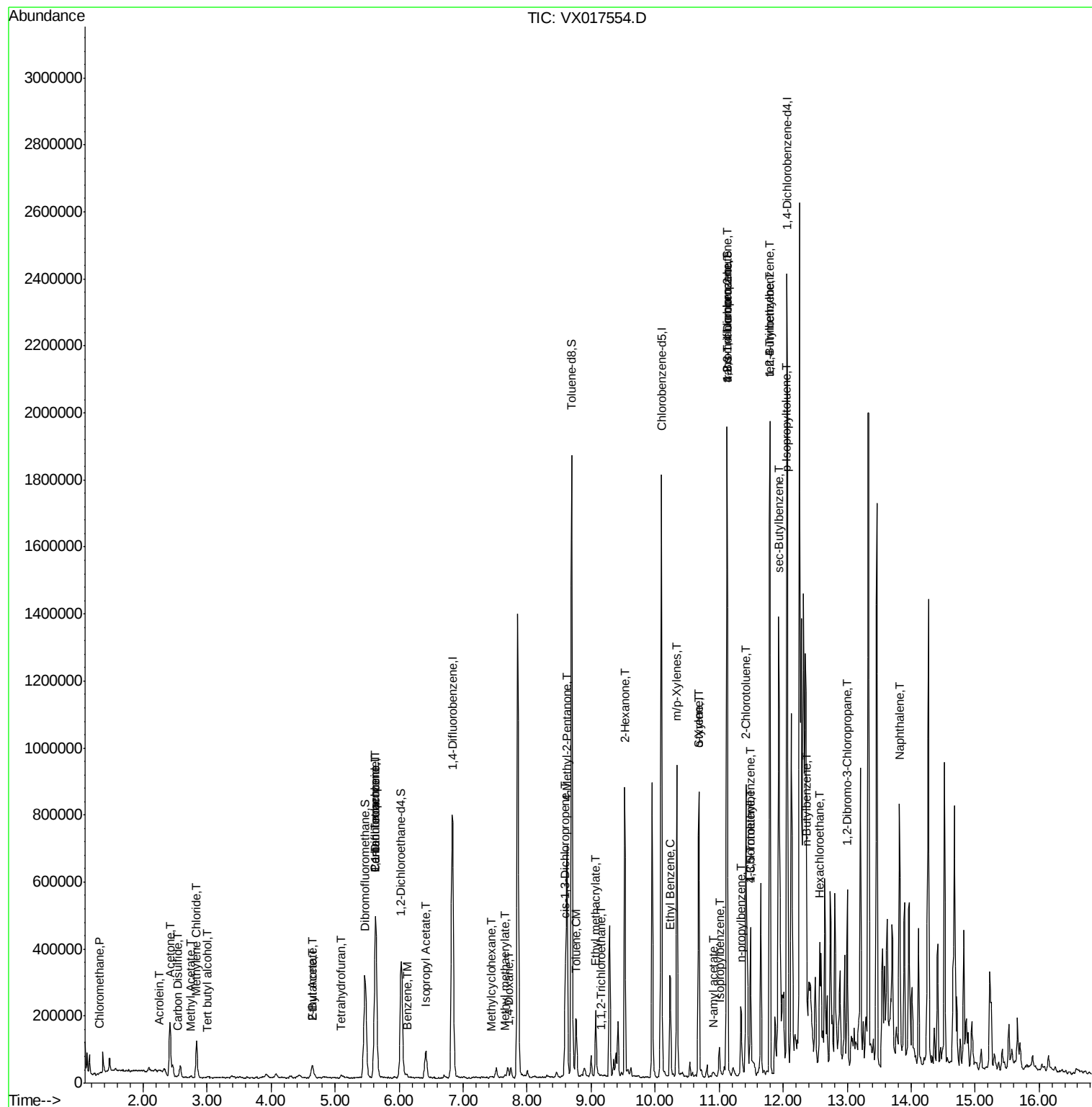
78) n-propylbenzene	11.34	91	120643	3.331	ug/l	99
79) 2-Chlorotoluene	11.42	91	73056	3.256	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	188288	6.868	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	247665	64.814	ug/l #	12
82) 4-Chlorotoluene	11.49	91	21245	0.803	ug/l #	46
83) tert-Butylbenzene	11.79	119	101153	3.856	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.79	105	810609	29.727	ug/l	99
85) sec-Butylbenzene	11.93	105	38833	1.271	ug/l	87
86) p-Isopropyltoluene	12.05	119	26059	0.895	ug/l	87
89) n-Butylbenzene	12.37	91	80703	3.112	ug/l #	38
90) Hexachloroethane	12.57	117	13912	2.425	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1818	3.185	ug/l #	3
95) Naphthalene	13.82	128	446188	14.435	ug/l	100

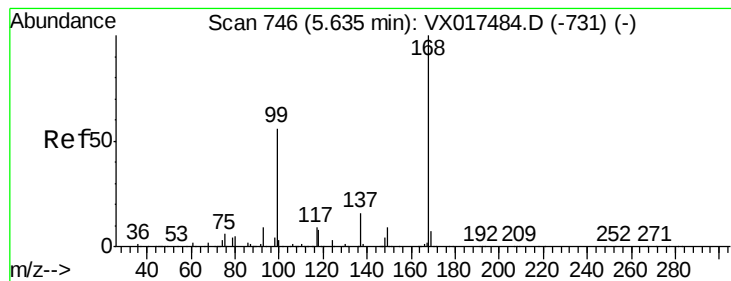
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

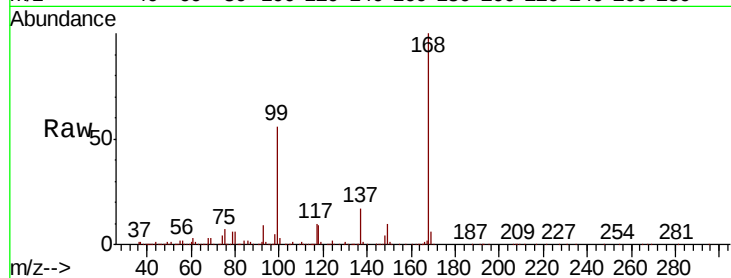
CHASSIE-WASH

Tot Ion:168 Resp: 469133

Ion Ratio Lower Upper

168 100

99 55.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

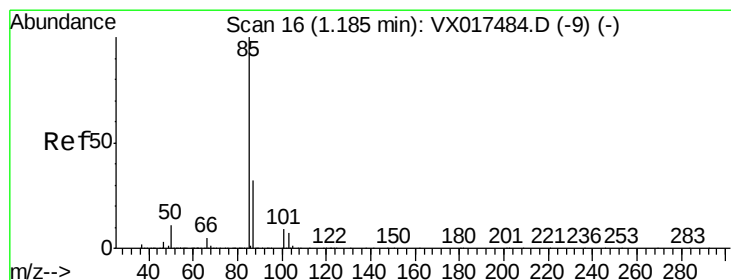
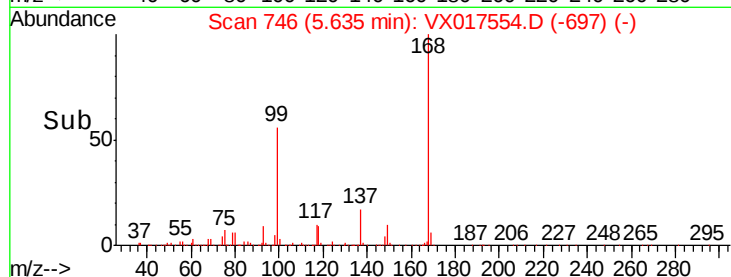
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.19 min Scan# 17

Delta R.T. 0.01 min

Lab File: VX017554.D

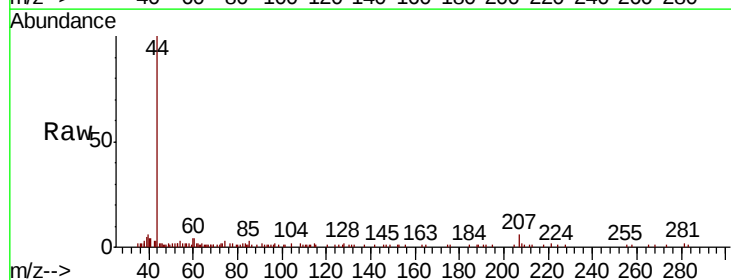
Acq: 24 Jul 2020 19:33

Tgt Ion: 85 Resp: 356

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400

300

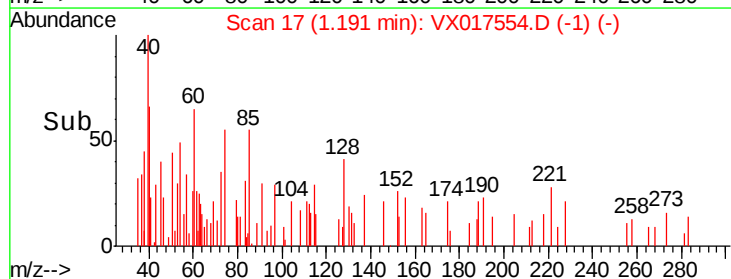
200

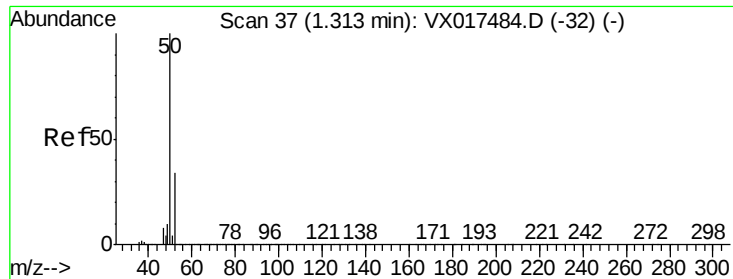
100

0

Time-->

1.16 1.18 1.20





#3

Chloromethane

Concen: 0.568 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

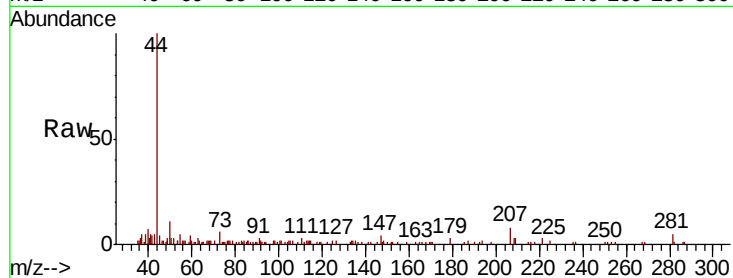
CHASSIE-WASH

Tot Ion: 50 Resp: 1173

Ion Ratio Lower Upper

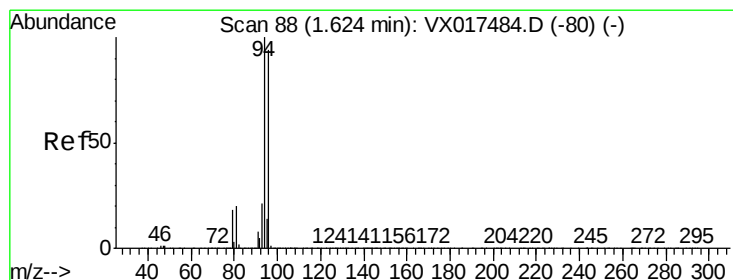
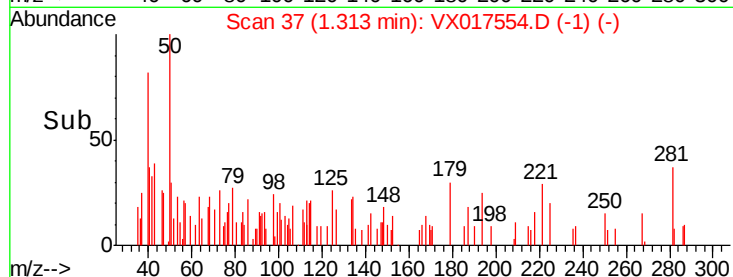
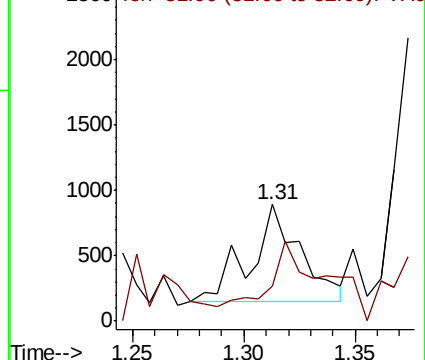
50 100

52 14.8 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017554.D

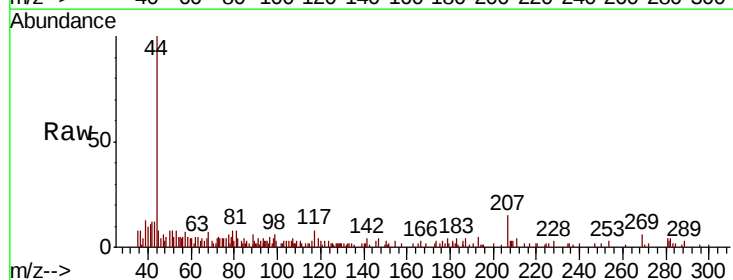
Acq: 24 Jul 2020 19:33

Tgt Ion: 94 Resp: 475

Ion Ratio Lower Upper

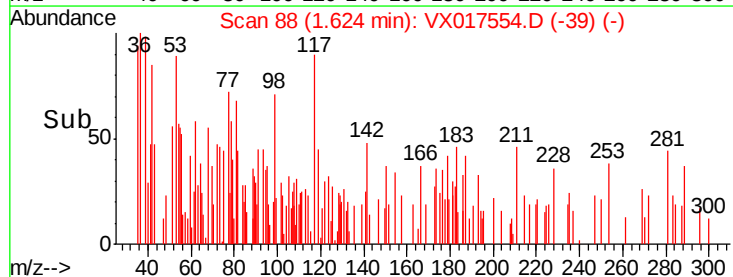
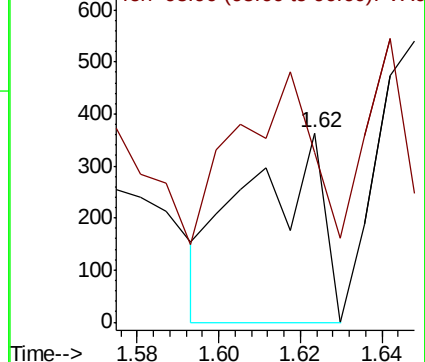
94 100

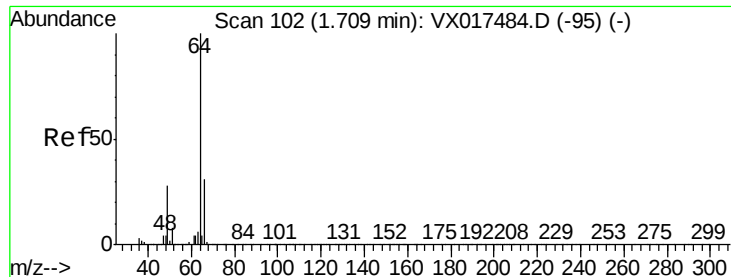
96 33.8 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampled :

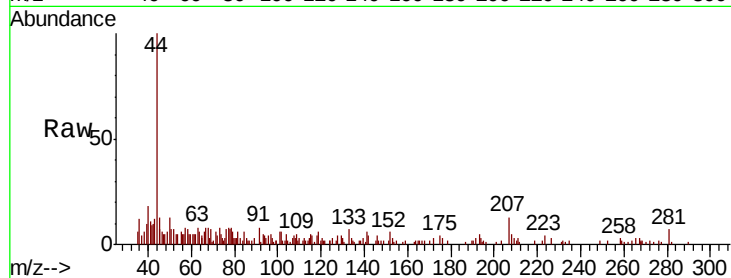
CHASSIE-WASH

Tot Ion: 64 Resp: 447

Ion Ratio Lower Upper

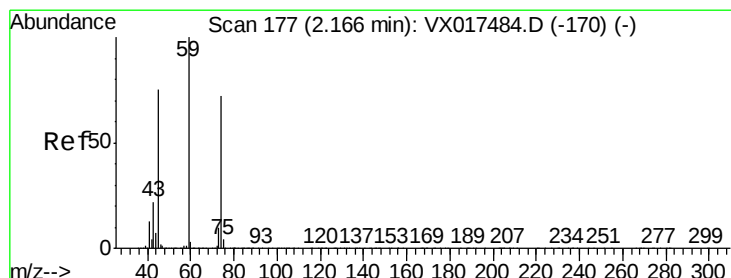
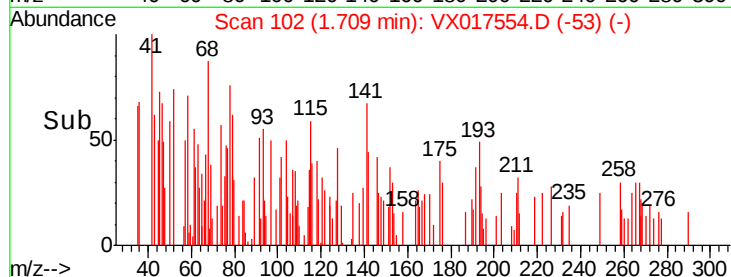
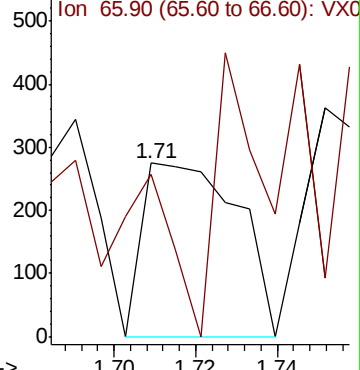
64 100

66 15.9 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: Below Cal

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017554.D

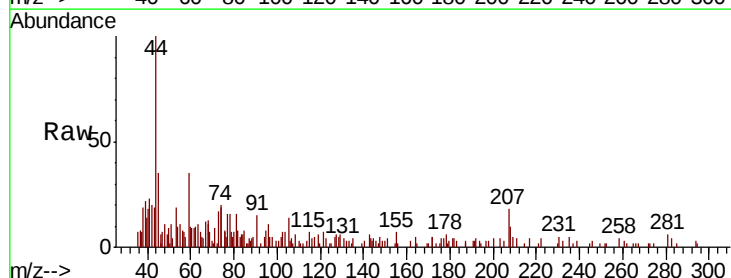
Acq: 24 Jul 2020 19:33

Tgt Ion: 74 Resp: 1903

Ion Ratio Lower Upper

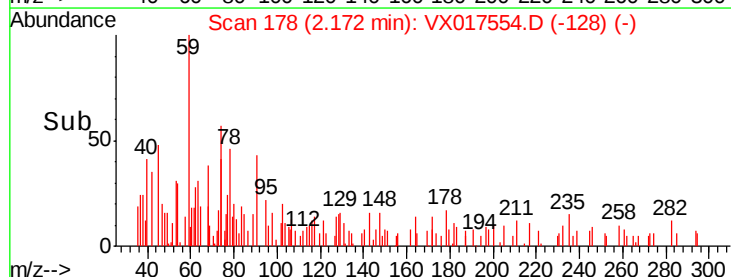
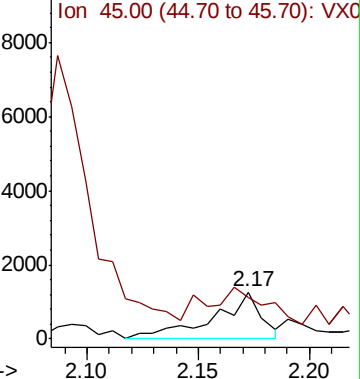
74 100

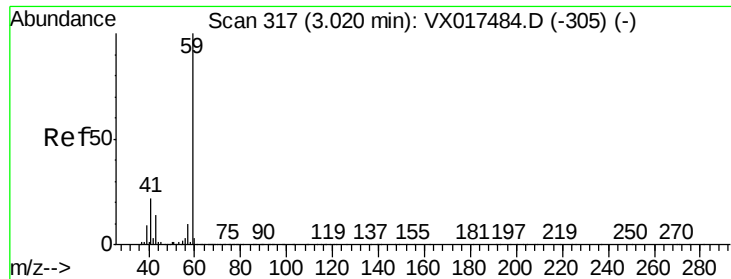
45 90.5 50.8 152.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

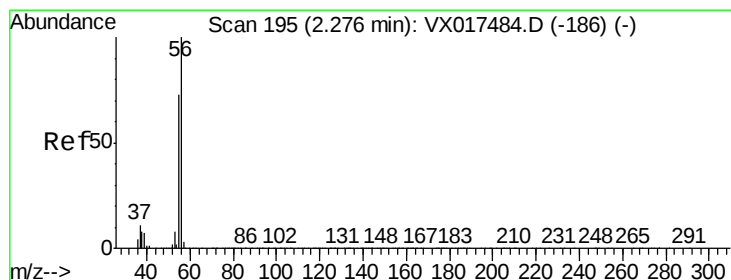
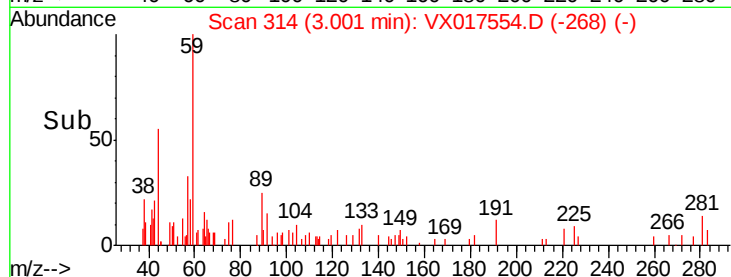
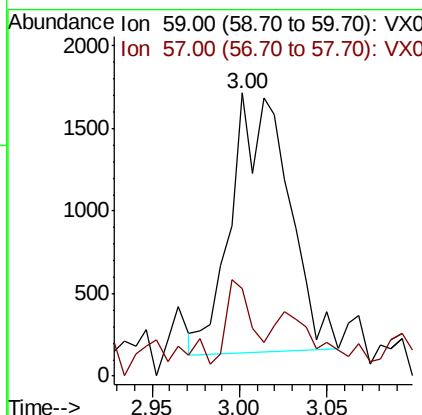
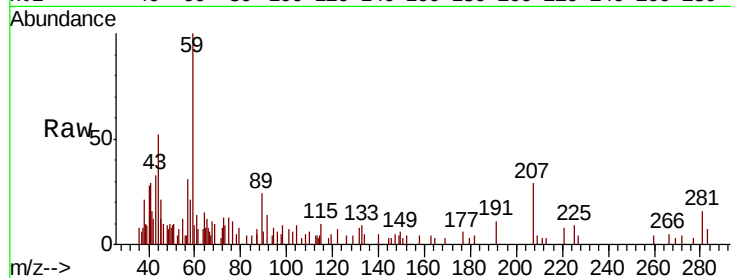




#11
Tert butyl alcohol
Concen: 2.819 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

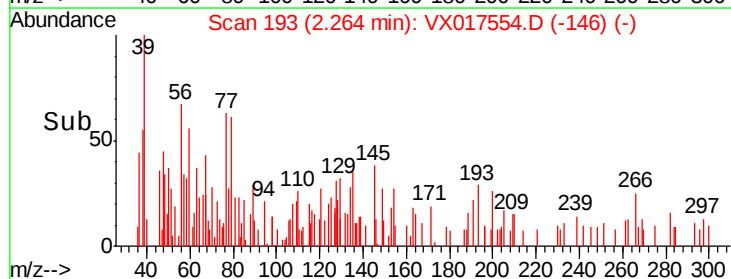
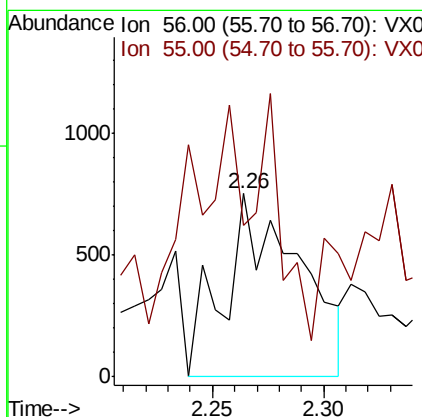
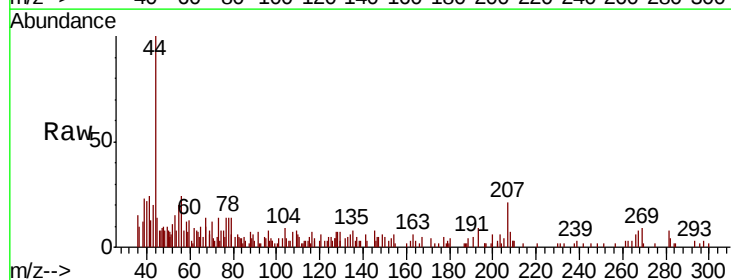
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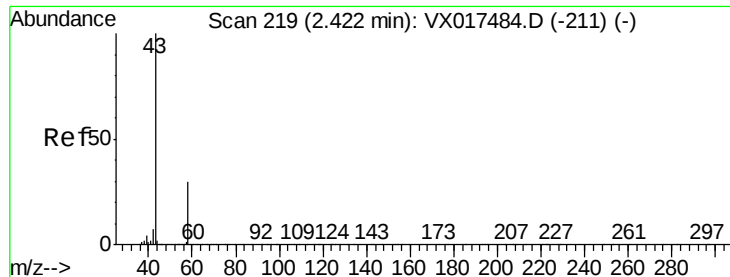
Tot Ion: 59 Resp: 3580
Ion Ratio Lower Upper
59 100
57 17.8 8.6 12.8#



#13
Acrolein
Concen: 5.939 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion: 56 Resp: 1765
Ion Ratio Lower Upper
56 100
55 86.8 57.4 86.2#





#16

Acetone

Concen: 67.580 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

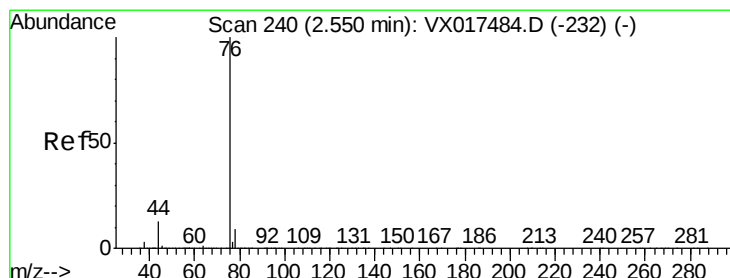
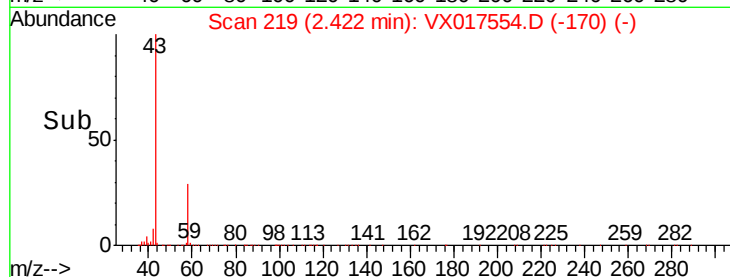
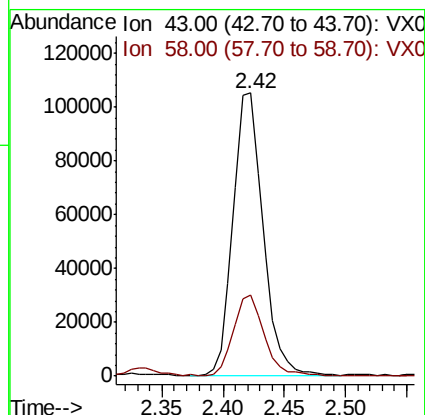
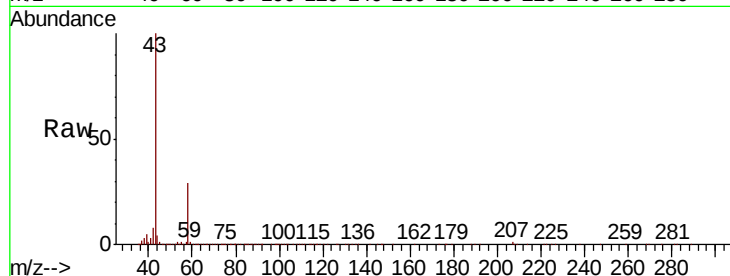
CHASSIE-WASH

Tot Ion: 43 Resp: 179247

Ion Ratio Lower Upper

43 100

58 28.5 24.2 36.4



#17

Carbon Disulfide

Concen: 0.397 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017554.D

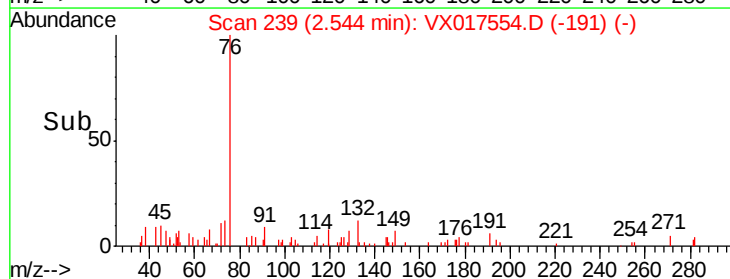
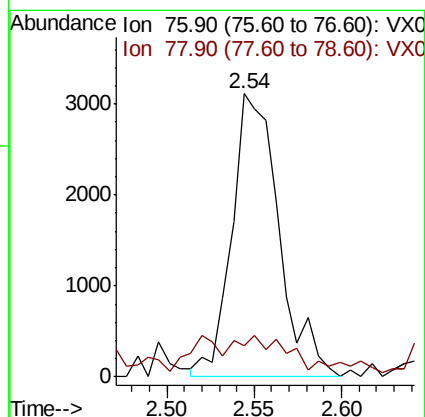
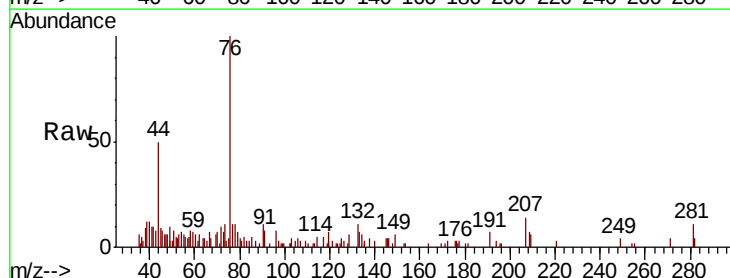
Acq: 24 Jul 2020 19:33

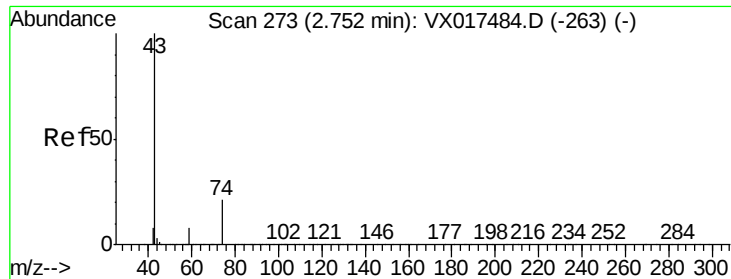
Tgt Ion: 76 Resp: 5844

Ion Ratio Lower Upper

76 100

78 5.9 7.5 11.3#

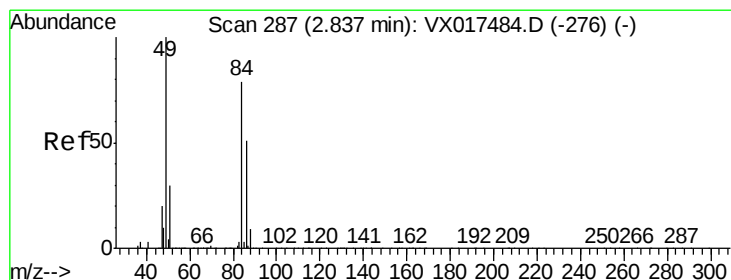
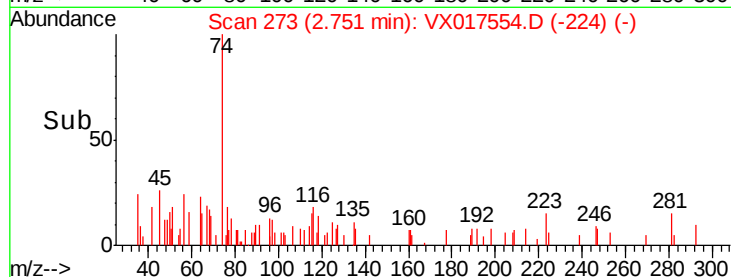
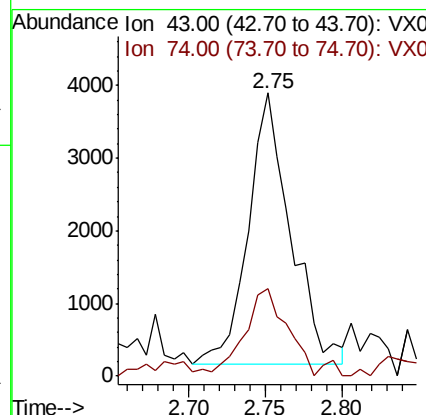
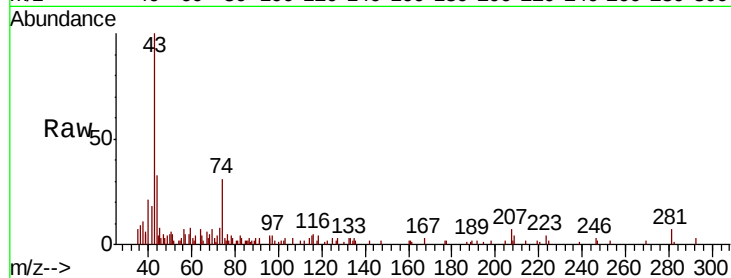




#18
Methyl Acetate
Concen: 1.144 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

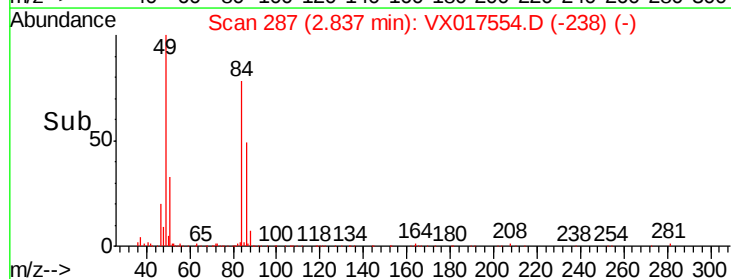
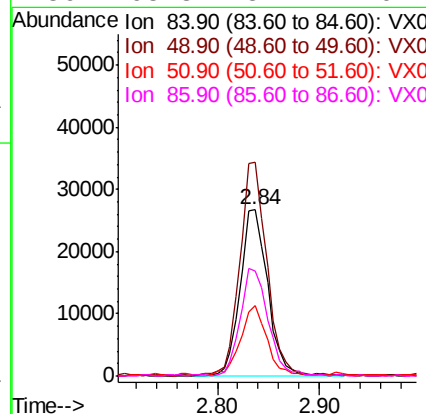
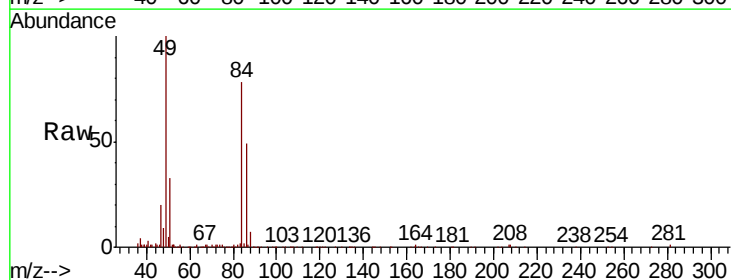
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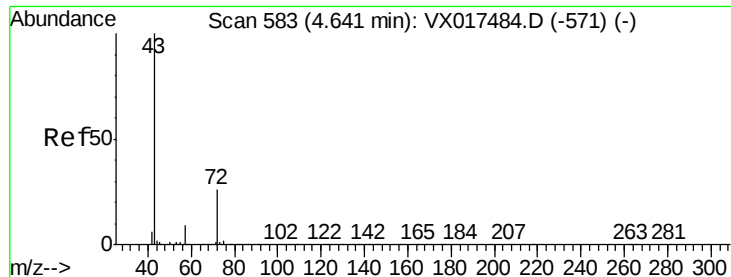
Tot Ion: 43 Resp: 7147
Ion Ratio Lower Upper
43 100
74 28.8 17.5 26.3#



#20
Methylene Chloride
Concen: 8.893 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion: 84 Resp: 49699
Ion Ratio Lower Upper
84 100
49 128.7 100.3 150.5
51 42.2 30.5 45.7
86 63.3 51.1 76.7





#25

2-Butanone

Concen: 15.669 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

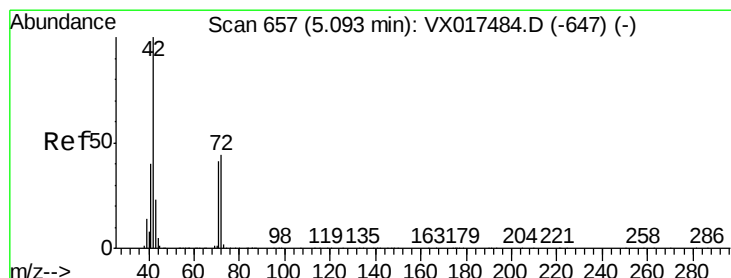
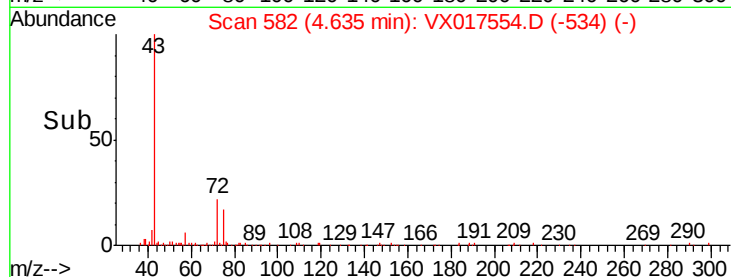
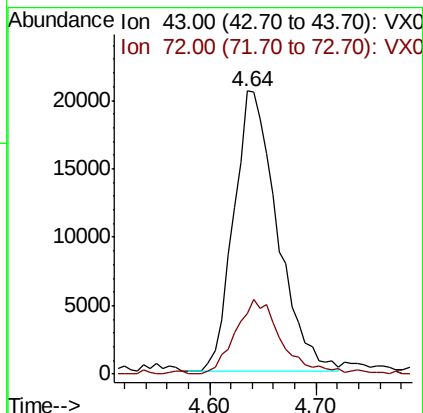
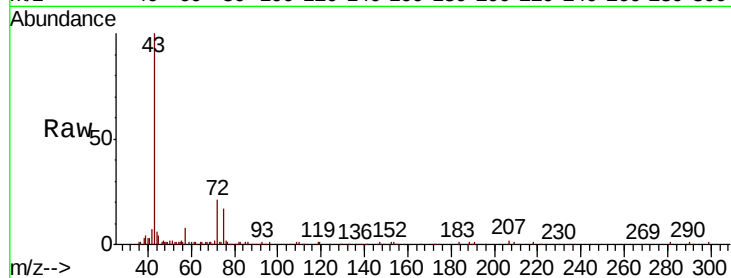
CHASSIE-WASH

Tot Ion: 43 Resp: 59040

Ion Ratio Lower Upper

43 100

72 21.3 19.0 28.4



#29

Tetrahydrofuran

Concen: 1.409 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

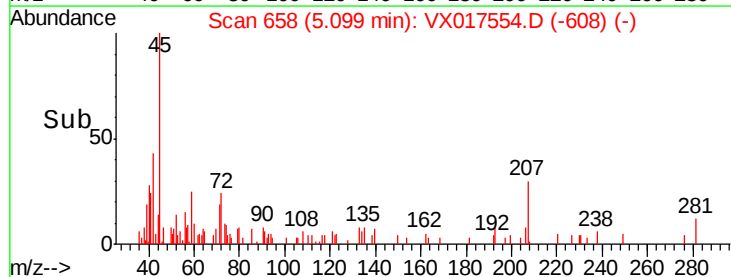
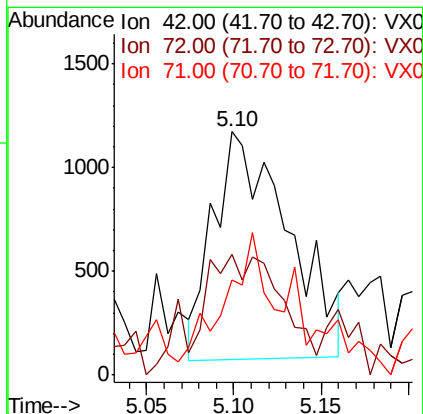
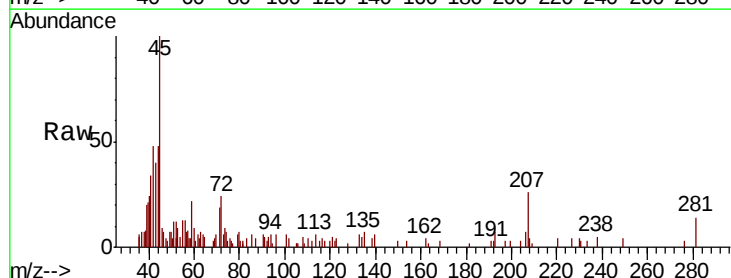
Tgt Ion: 42 Resp: 3288

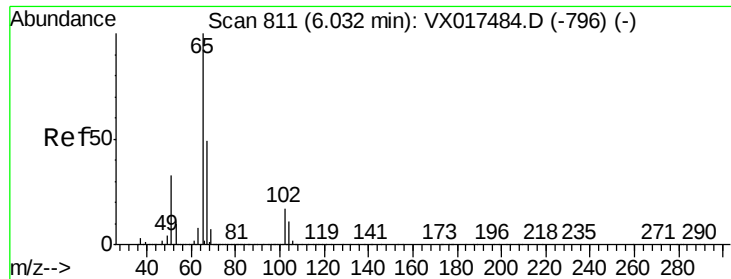
Ion Ratio Lower Upper

42 100

72 19.6 35.5 53.3#

71 40.9 33.0 49.4

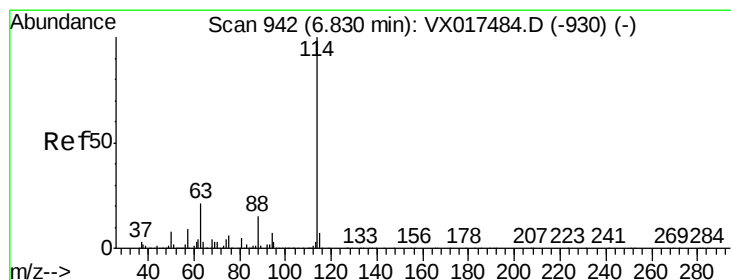
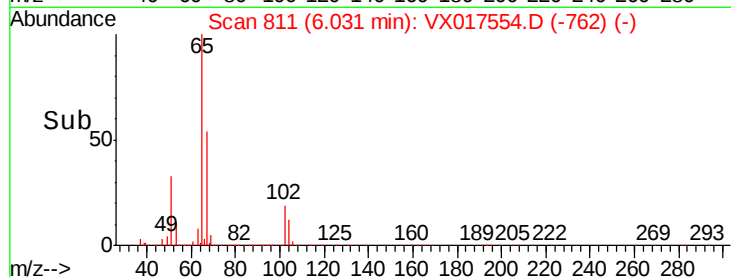
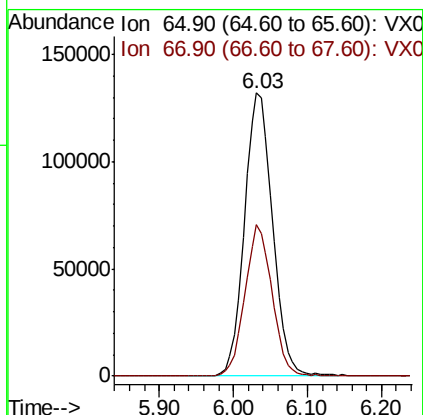
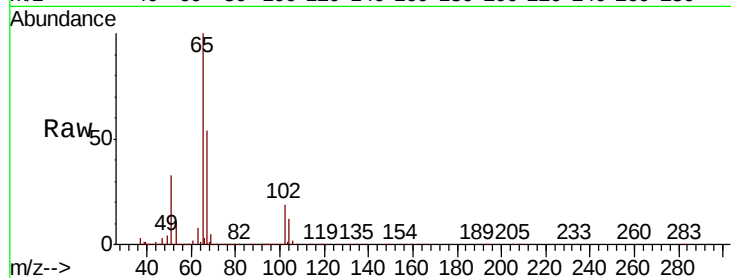




#33
 1,2-Dichloroethane-d4
 Concen: 58.201 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017554.D
 Acq: 24 Jul 2020 19:33

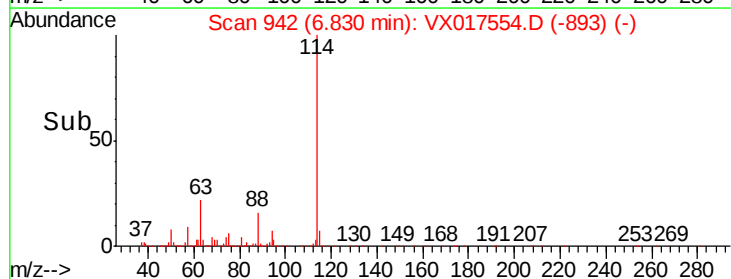
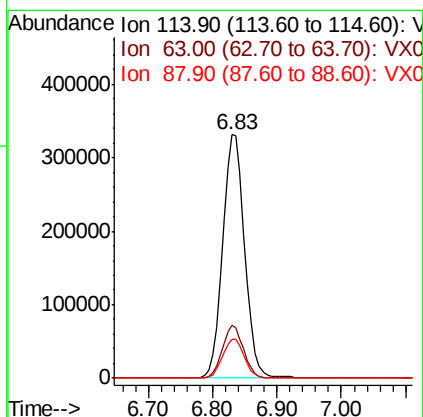
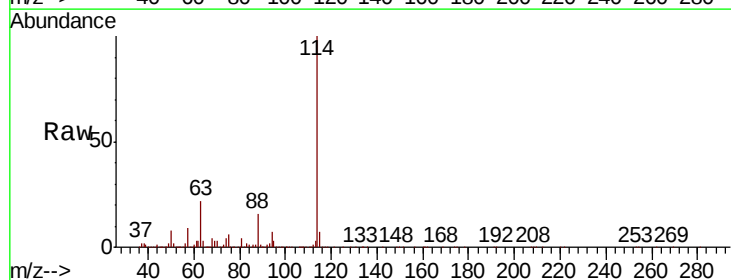
Instrument :
 MSVOA_X
 ClientSampleId :
 CHASSIE-WASH

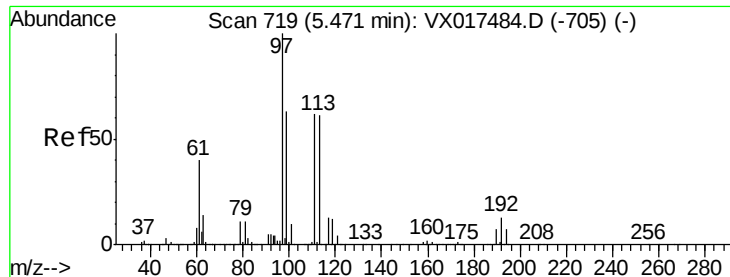
Tot Ion: 65 Resp: 350734
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017554.D
 Acq: 24 Jul 2020 19:33

Tgt Ion: 114 Resp: 798189
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.6
 88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.017 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

CHASSIE-WASH

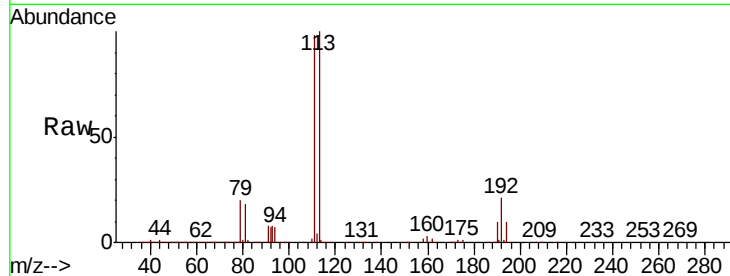
Tot Ion:113 Resp: 267007

Ion Ratio Lower Upper

113 100

111 101.9 80.7 121.1

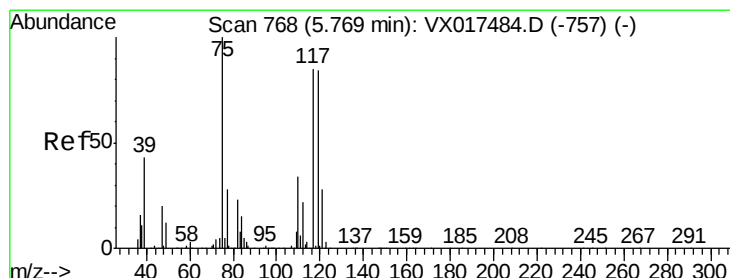
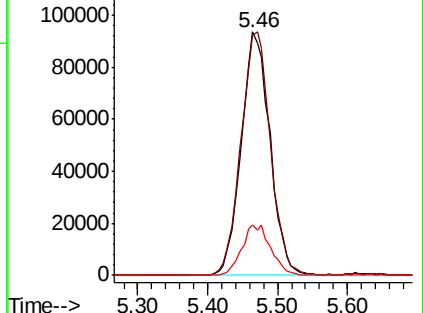
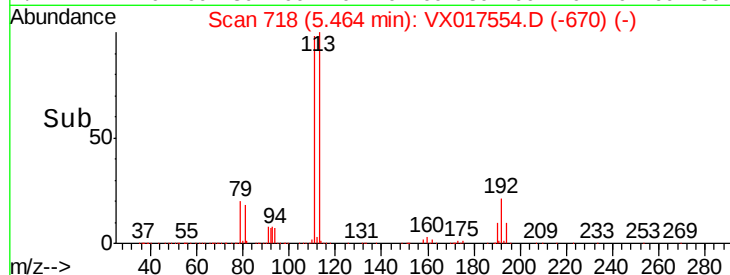
192 21.0 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.600 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

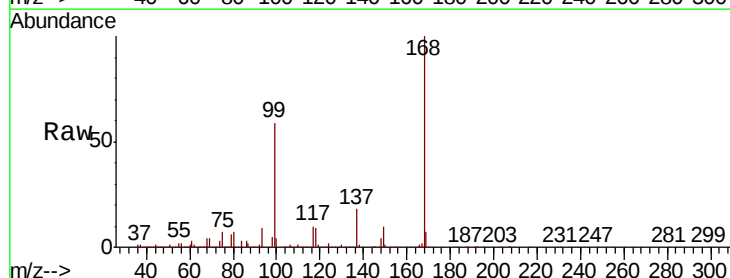
Tgt Ion: 75 Resp: 35217

Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.3#

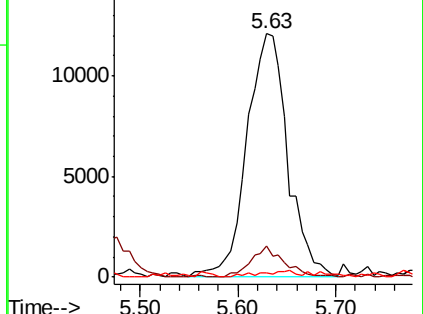
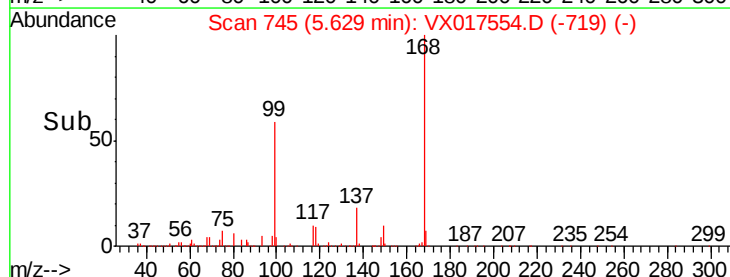
77 0.5 24.6 37.0#

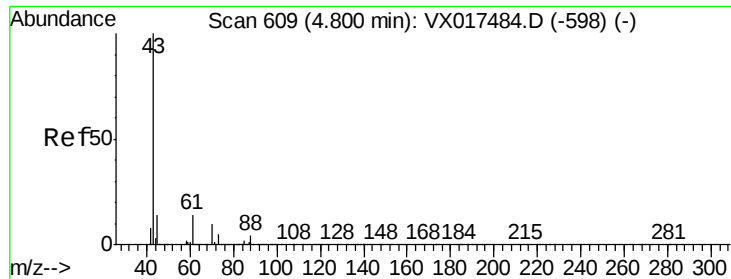


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

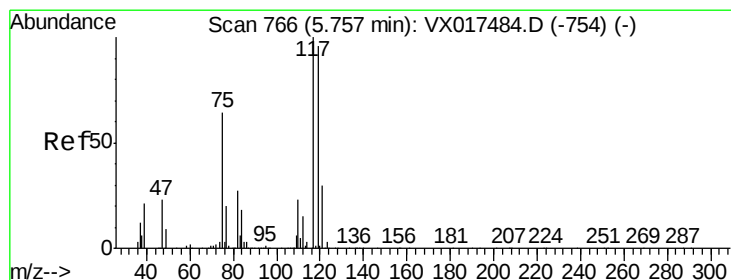
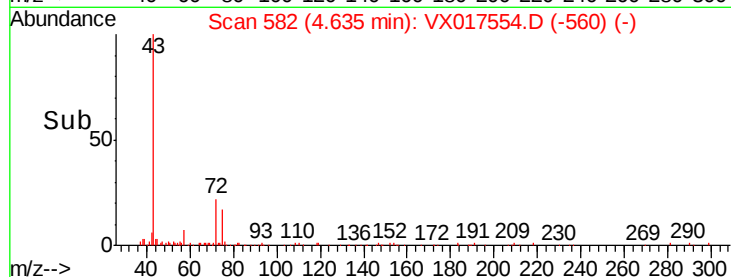
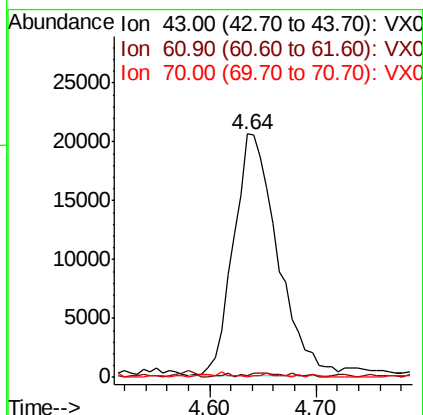
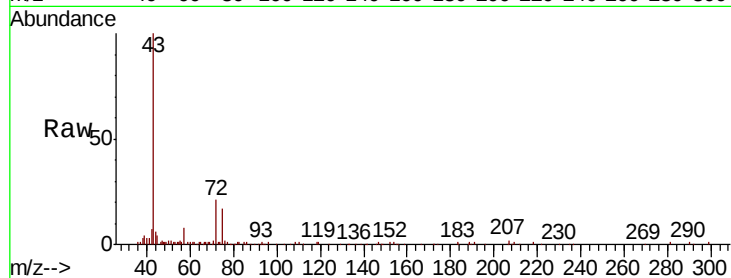




#37
Ethyl Acetate
Concen: 7.049 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

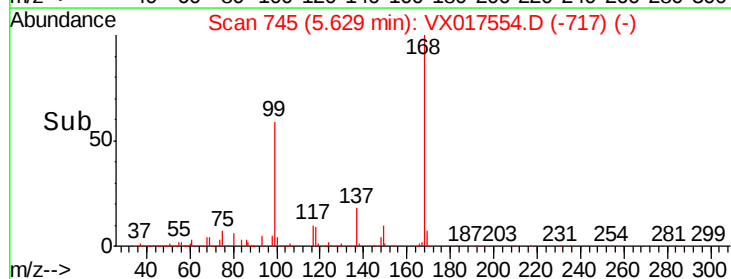
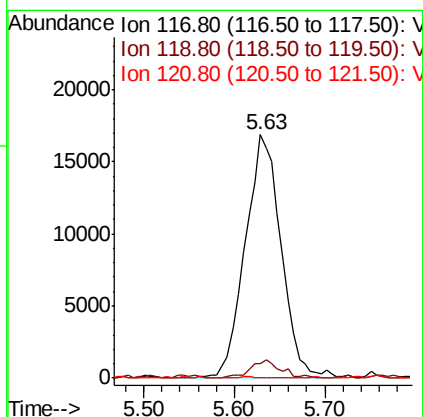
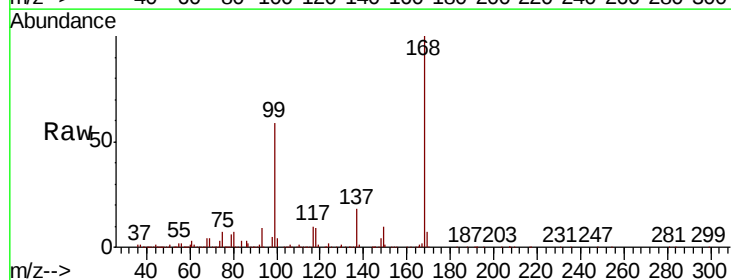
Instrument :
MSVOA_X
ClientSampleId :
CHASSIE-WASH

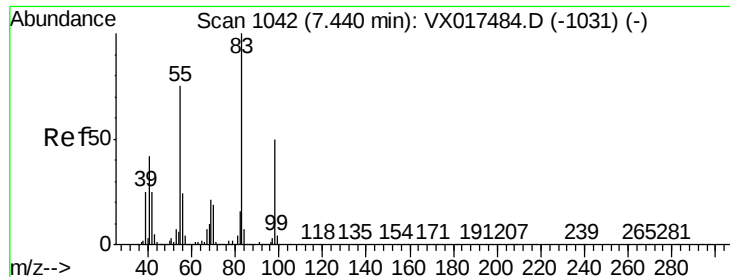
Tot Ion: 43 Resp: 59040
Ion Ratio Lower Upper
43 100
61 1.2 10.7 16.1#
70 0.7 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 4.975 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion: 117 Resp: 46252
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.0#
121 0.0 24.3 36.5#

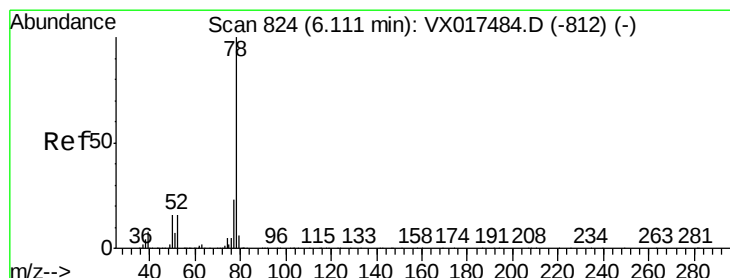
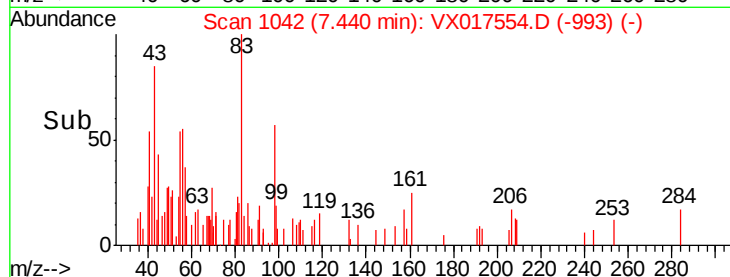
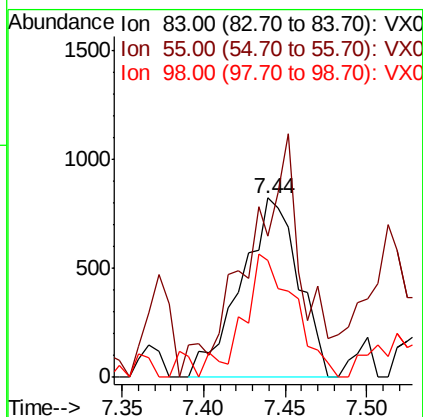
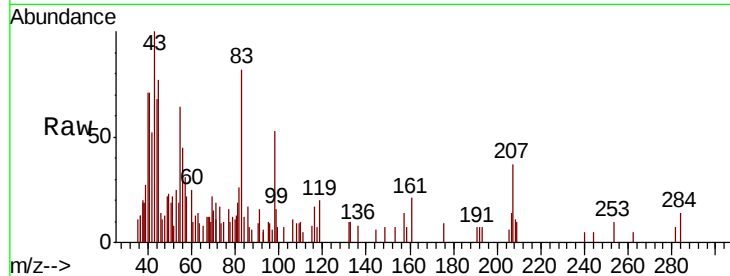




#39
Methvlcvclohexane
Concen: 0.225 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

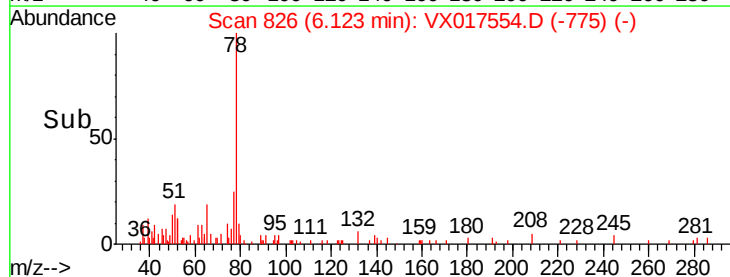
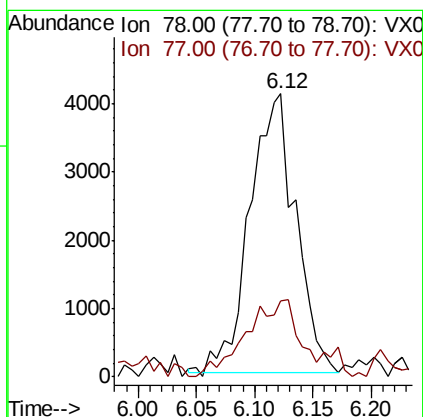
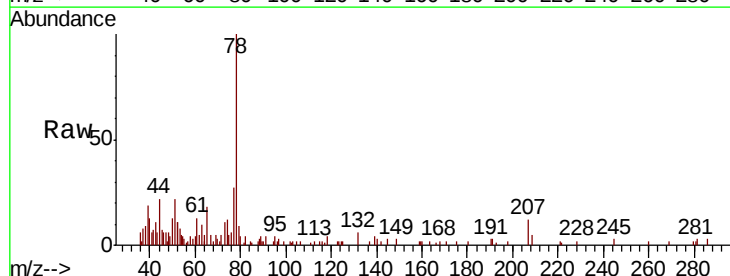
Instrument :
MSVOA_X
ClientSampleId :
CHASSIE-WASH

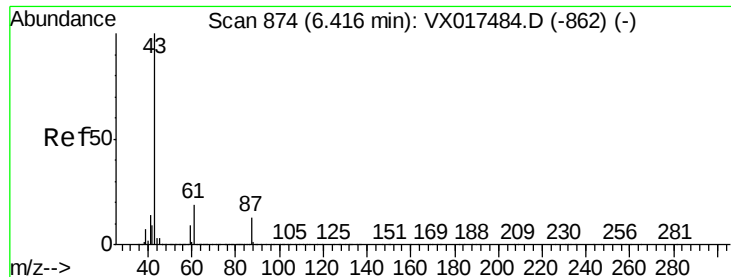
Tot Ion	Ratio	Lower	Upper
83	100		
55	61.0	61.8	92.8#
98	65.0	36.9	55.3#



#40
Benzene
Concen: 0.510 ug/l
RT: 6.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.3	19.4	29.2





#43

Isopropyl Acetate

Concen: 8.169 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

CHASSIE-WASH

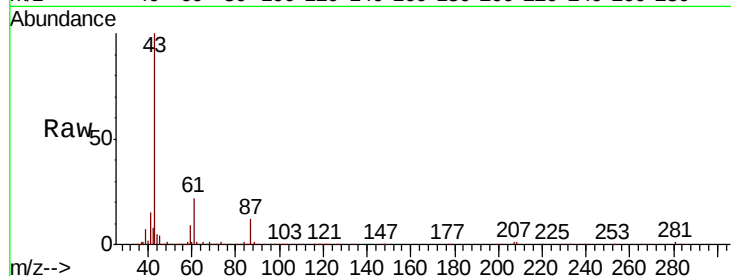
Tot Ion: 43 Resp: 112893

Ion Ratio Lower Upper

43 100

61 19.9 15.5 23.3

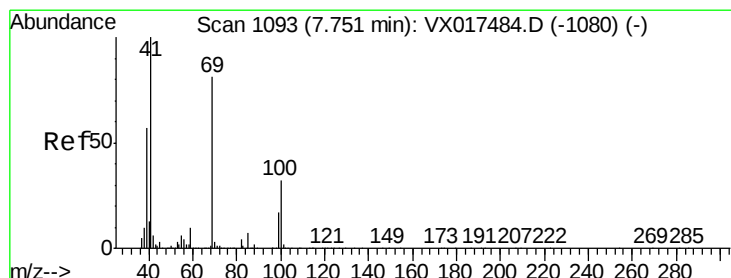
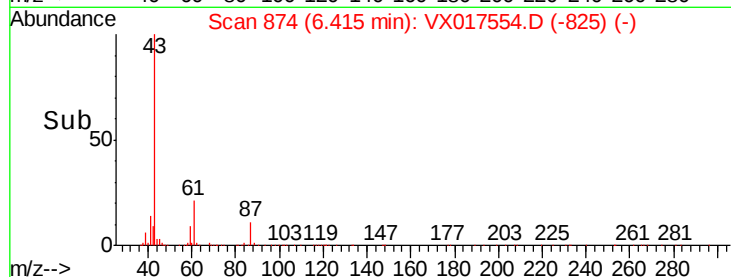
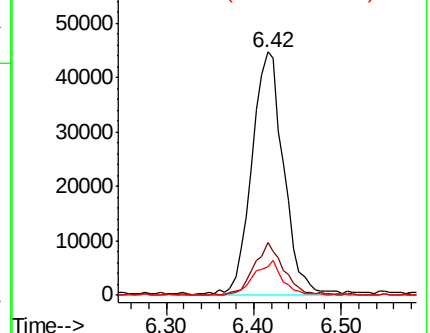
87 12.9 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 1.252 ug/l

RT: 7.65 min Scan# 1077

Delta R.T. -0.10 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

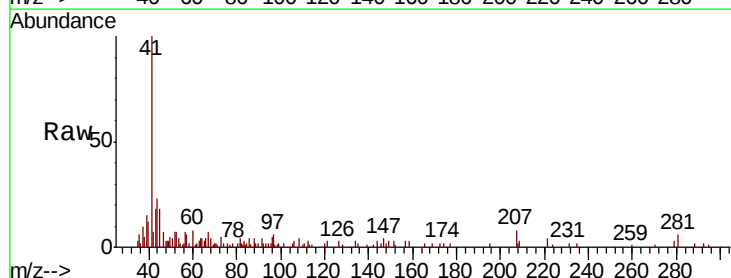
Tgt Ion: 41 Resp: 8575

Ion Ratio Lower Upper

41 100

69 0.0 63.1 94.7#

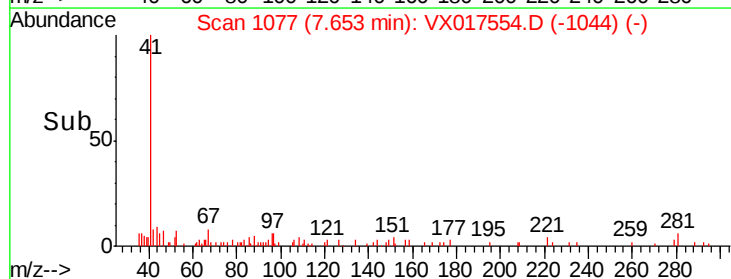
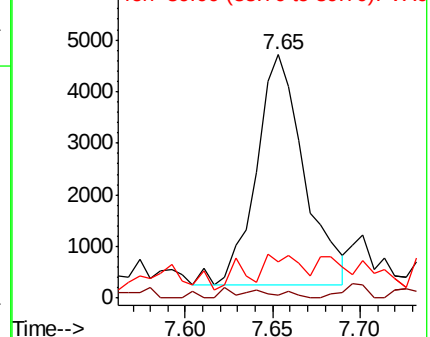
39 0.0 45.1 67.7#

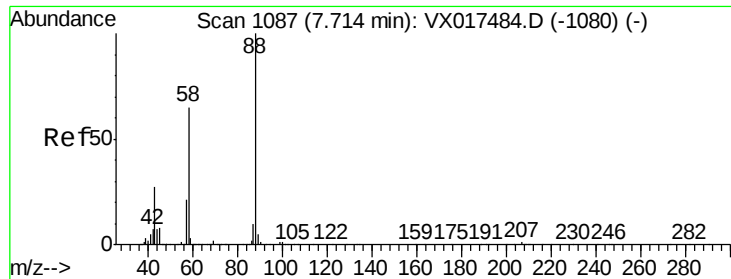


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2.010 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

CHASSIE-WASH

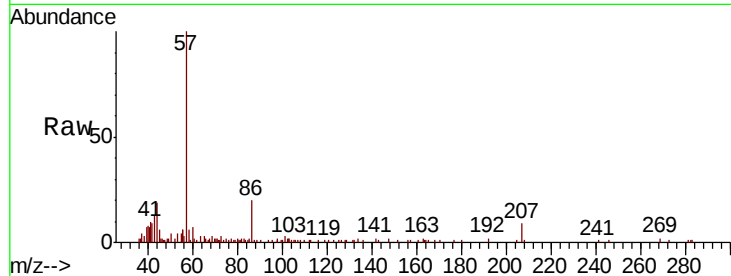
Tot Ion: 88 Resp: 264

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.6#

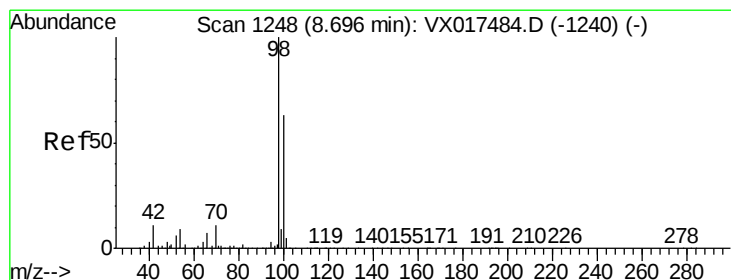
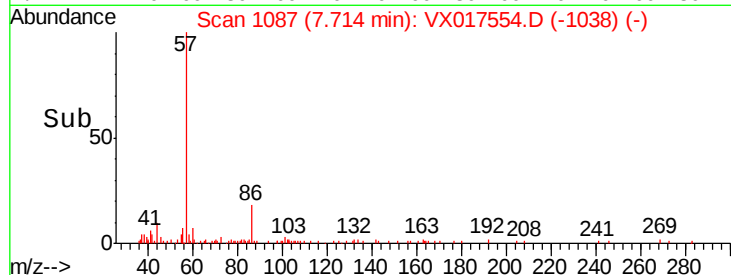
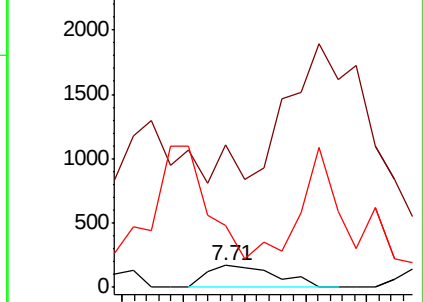
58 726.9 58.3 87.5#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 56.234 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017554.D

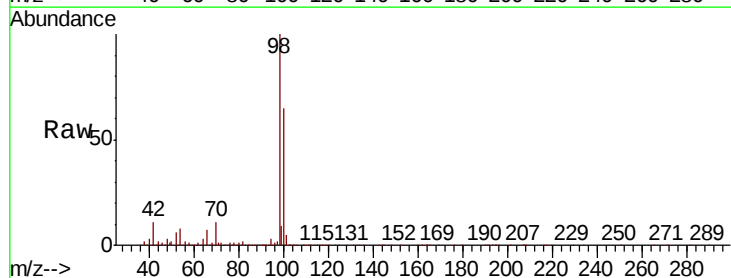
Acq: 24 Jul 2020 19:33

Tgt Ion: 98 Resp: 1082950

Ion Ratio Lower Upper

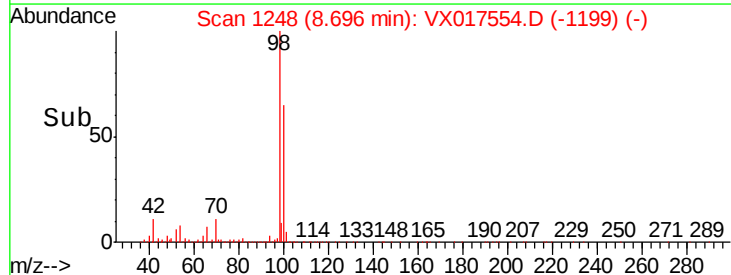
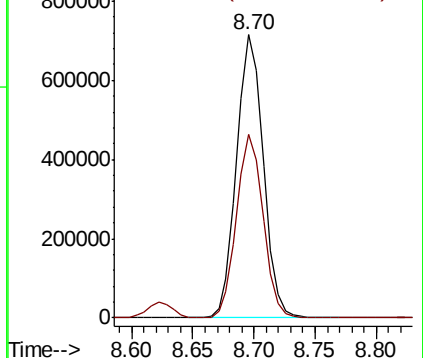
98 100

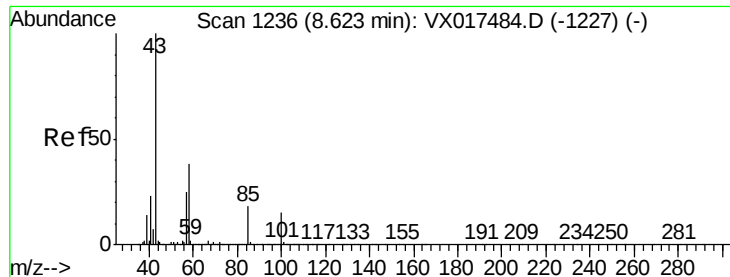
100 64.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 59.610 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

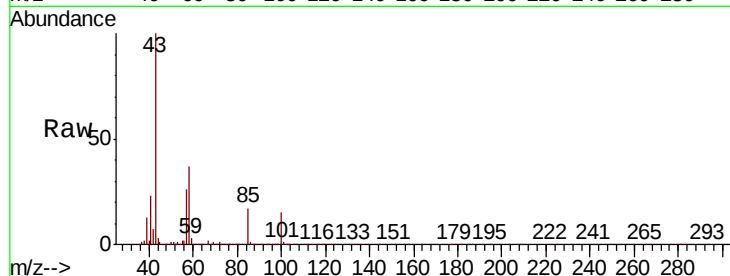
CHASSIE-WASH

Tot Ion: 43 Resp: 491540

Ion Ratio Lower Upper

43 100

58 31.5 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

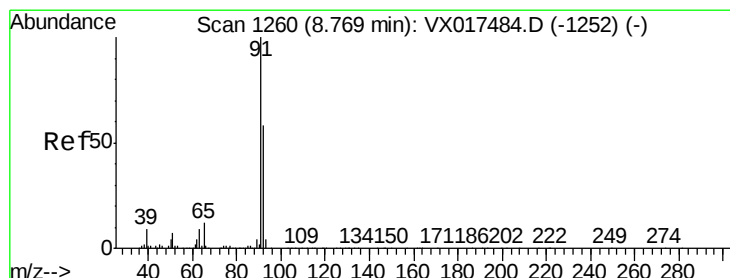
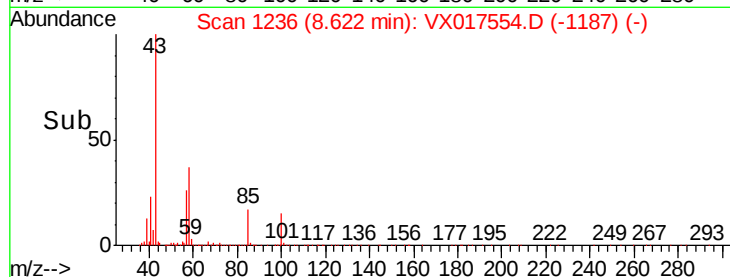
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 4.533 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017554.D

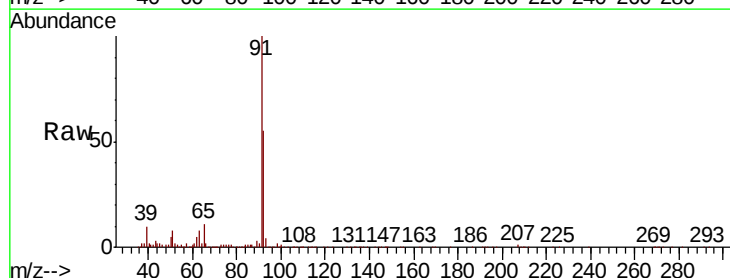
Acq: 24 Jul 2020 19:33

Tgt Ion: 92 Resp: 63800

Ion Ratio Lower Upper

92 100

91 172.2 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.77

80000

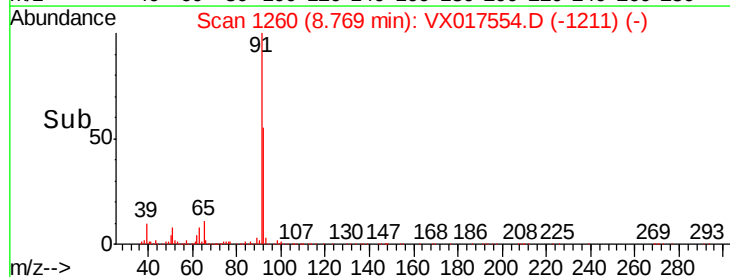
60000

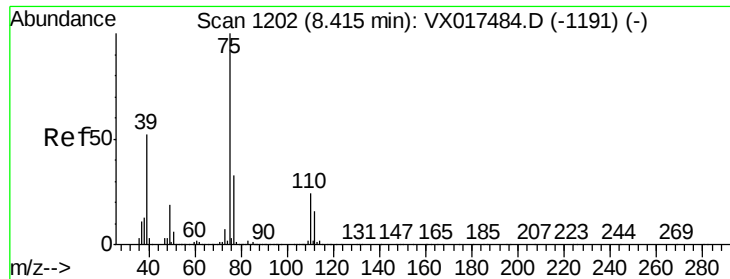
40000

20000

0

Time--> 8.65 8.70 8.75 8.80 8.85





#54

cis-1,3-Dichloropropene

Concen: 4.875 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. 0.18 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

CHASSIE-WASH

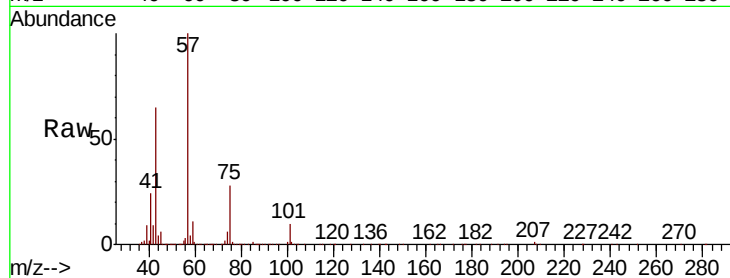
Tot Ion: 75 Resp: 48162

Ion Ratio Lower Upper

75 100

77 1.1 25.5 38.3#

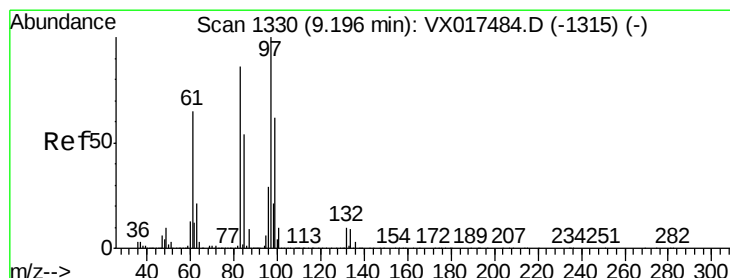
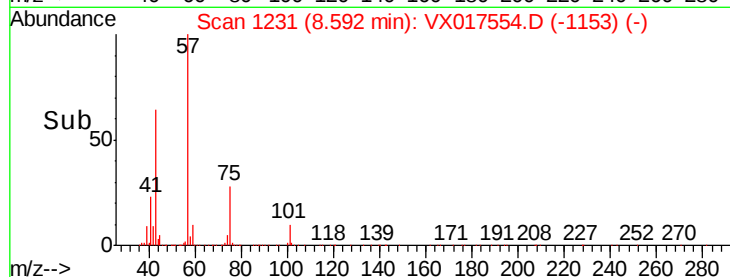
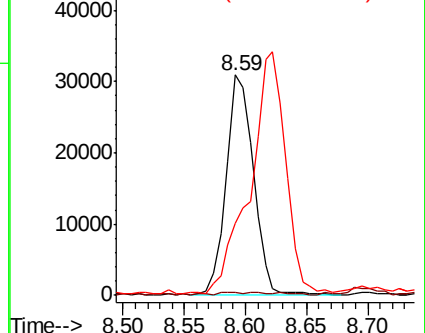
39 31.5 41.8 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.341 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Tgt Ion: 97 Resp: 1998

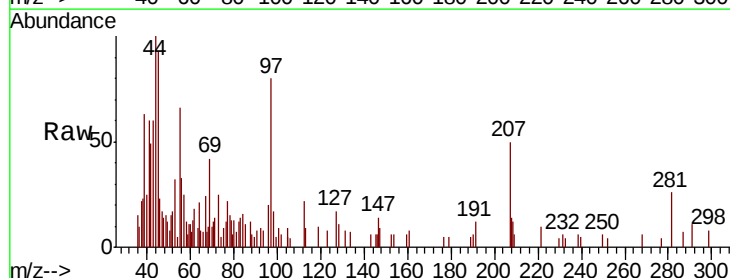
Ion Ratio Lower Upper

97 100

83 17.1 67.6 101.4#

85 13.8 44.6 67.0#

99 6.7 50.2 75.4#

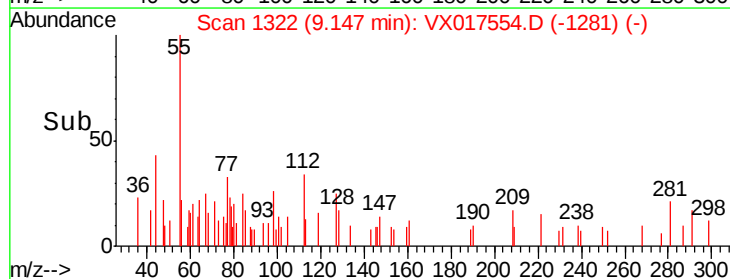
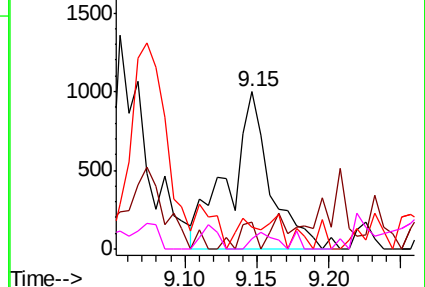


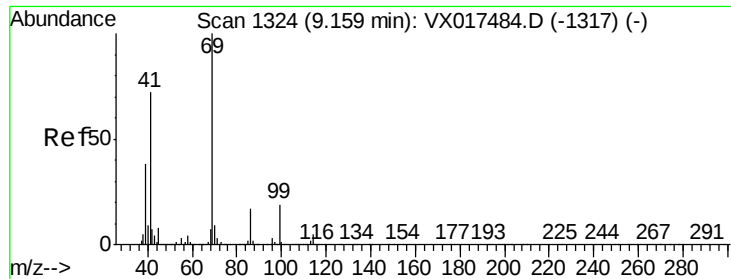
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 3.090 ug/l

RT: 9.07 min Scan# 1310

Delta R.T. -0.09 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

CHASSIE-WASH

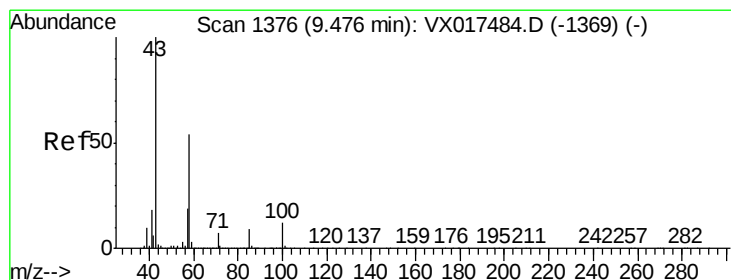
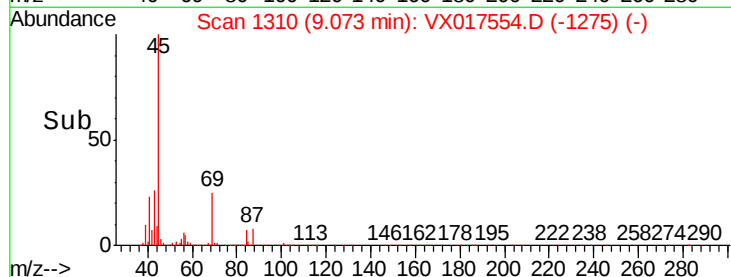
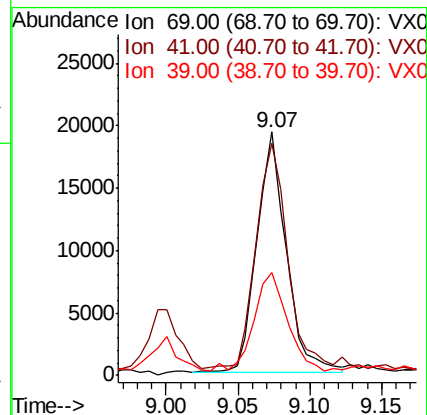
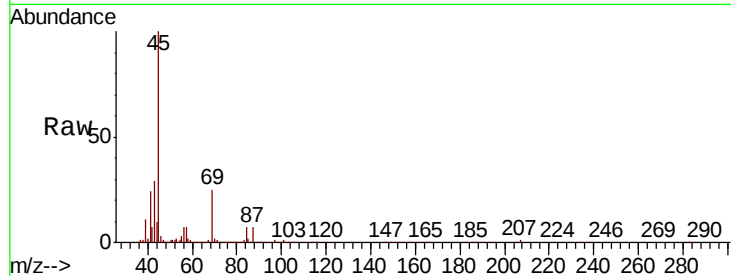
Tot Ion: 69 Resp: 27292

Ion Ratio Lower Upper

69 100

41 96.6 55.0 82.6#

39 47.1 30.0 45.0#



#59

2-Hexanone

Concen: 15.780 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.05 min

Lab File: VX017554.D

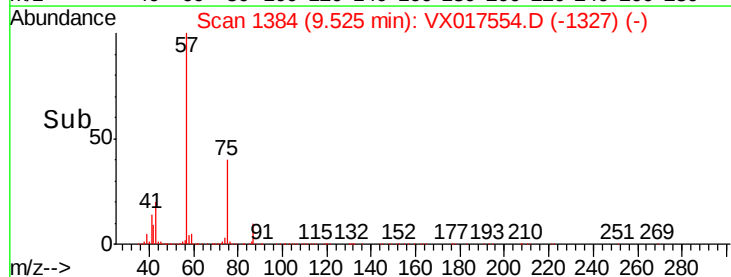
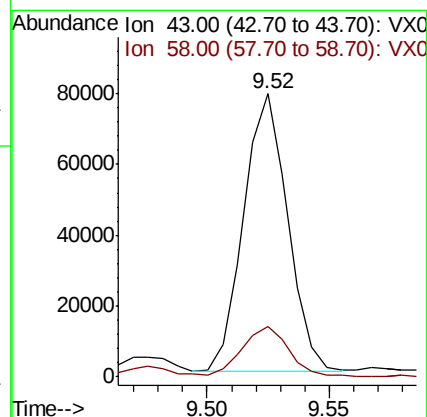
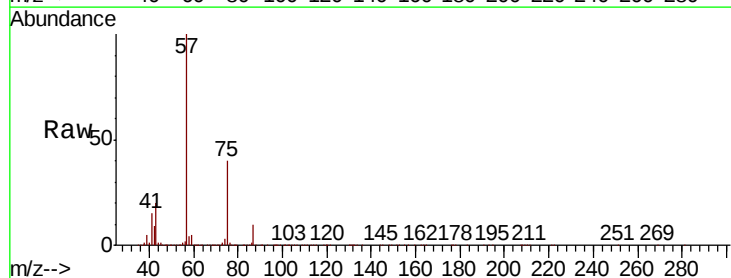
Acq: 24 Jul 2020 19:33

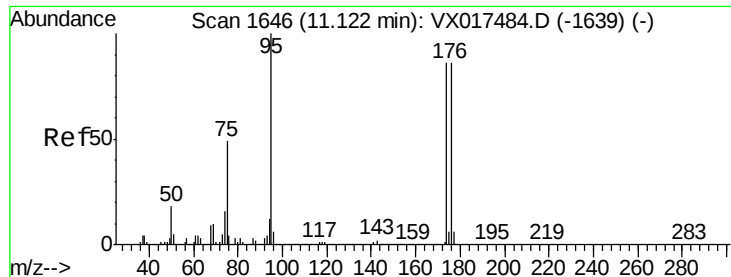
Tgt Ion: 43 Resp: 97966

Ion Ratio Lower Upper

43 100

58 18.7 26.6 79.8#





#62

4-Bromofluorobenzene

Concen: 62.601 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

CHASSIE-WASH

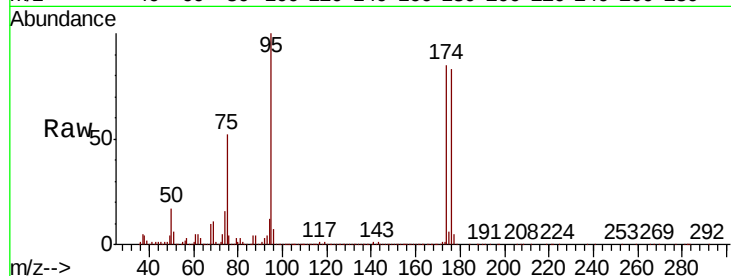
Tot Ion: 95 Resp: 482471

Ion Ratio Lower Upper

95 100

174 84.0 0.0 169.0

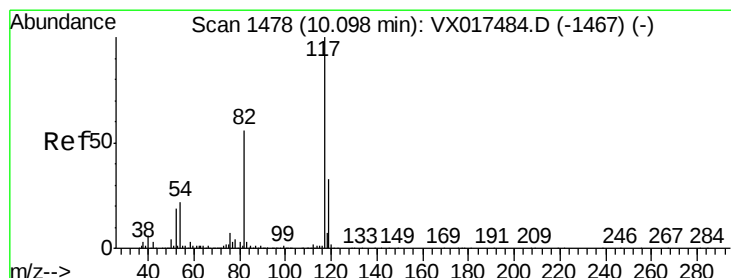
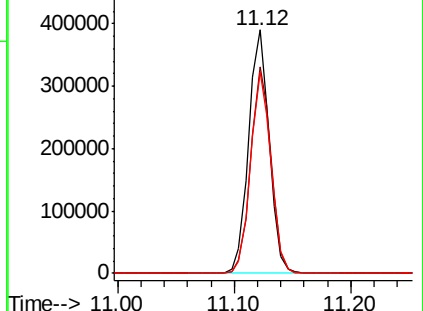
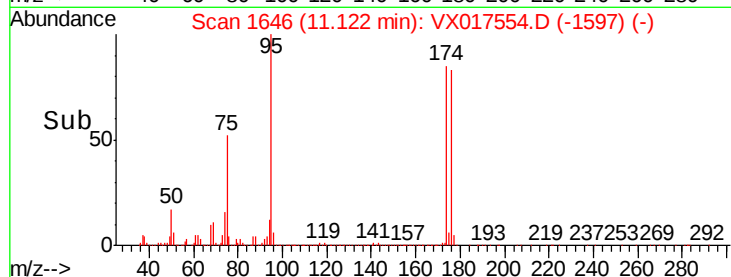
176 82.1 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017554.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017554.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017554.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

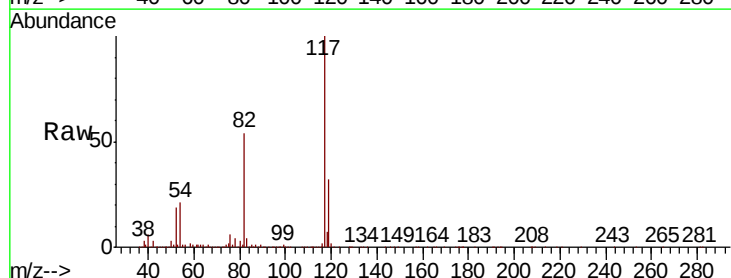
Tgt Ion: 117 Resp: 825627

Ion Ratio Lower Upper

117 100

82 53.6 44.0 66.0

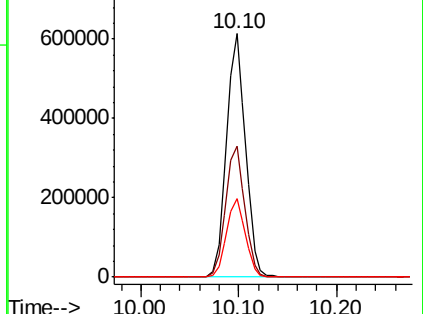
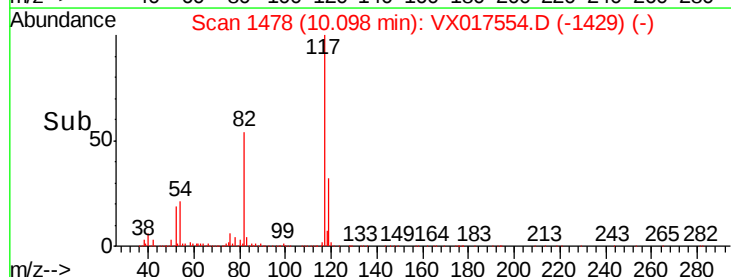
119 32.3 25.4 38.0

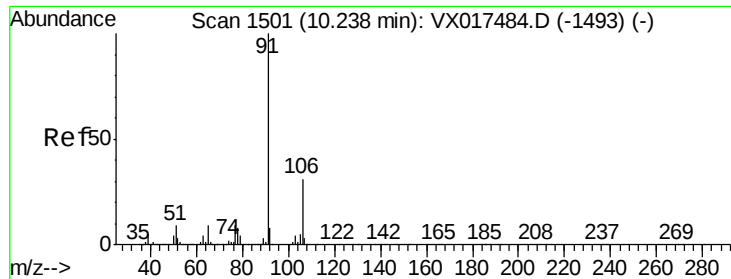


Abundance Ion 116.90 (116.60 to 117.60): VX017554.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017554.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017554.D (-1429) (-)





#67

Ethyl Benzene

Concen: 6.129 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

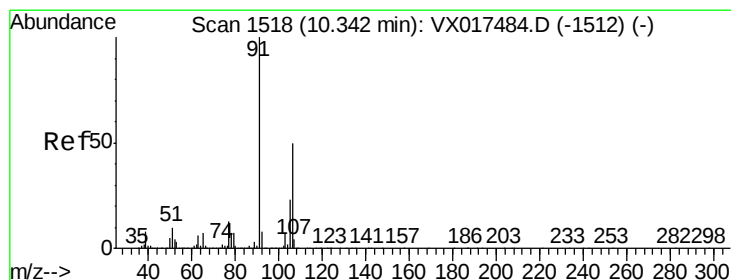
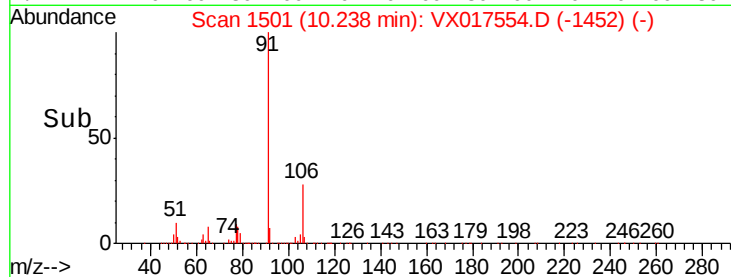
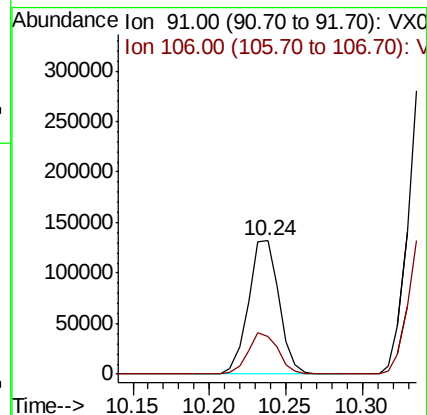
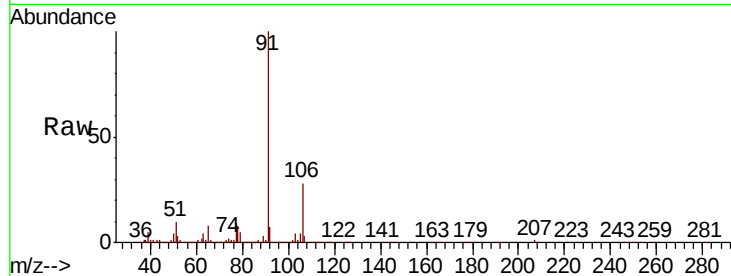
CHASSIE-WASH

Tot Ion: 91 Resp: 182839

Ion Ratio Lower Upper

91 100

106 28.2 25.8 38.6



#68

m/p-Xylenes

Concen: 18.572 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017554.D

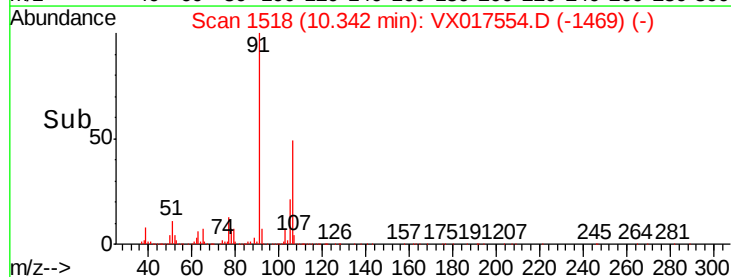
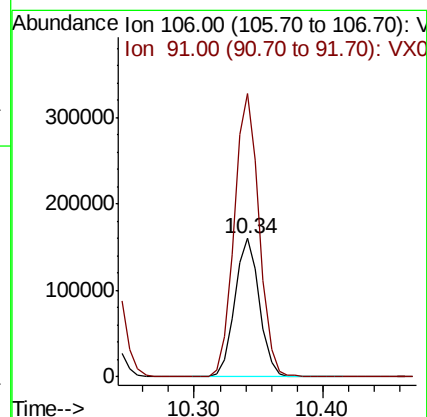
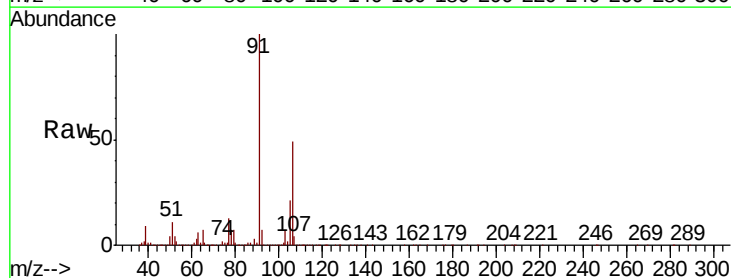
Acq: 24 Jul 2020 19:33

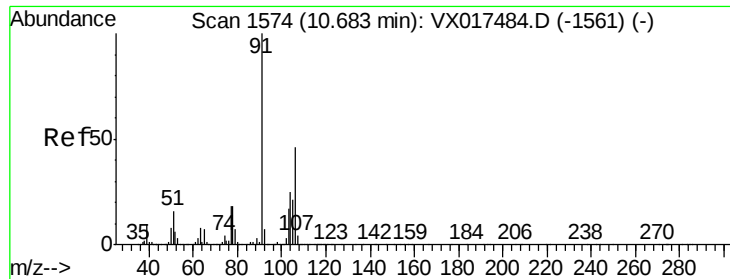
Tgt Ion: 106 Resp: 214629

Ion Ratio Lower Upper

106 100

91 205.9 160.9 241.3

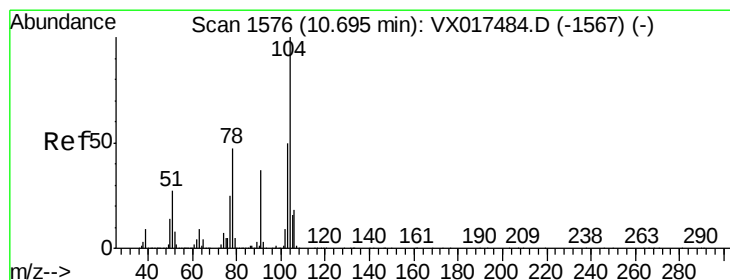
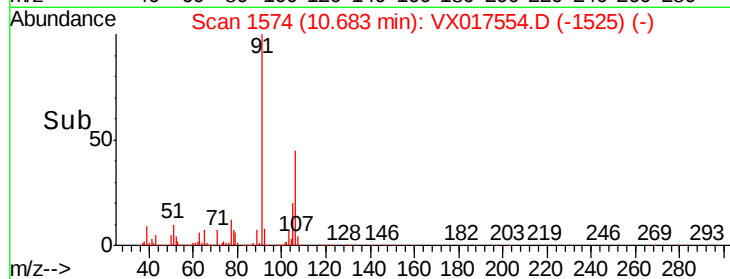
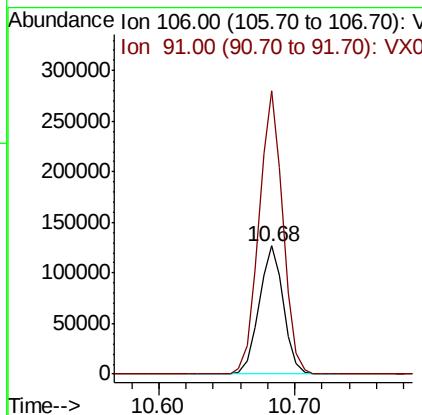
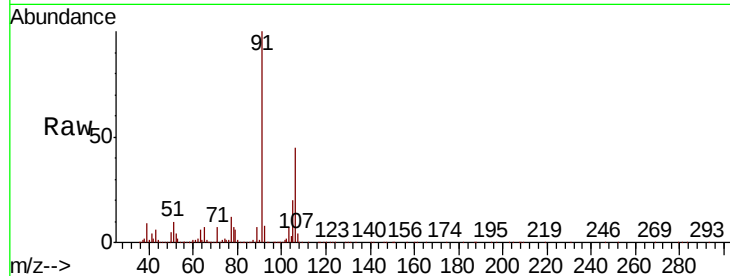




#69
o-Xylene
Concen: 14.339 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

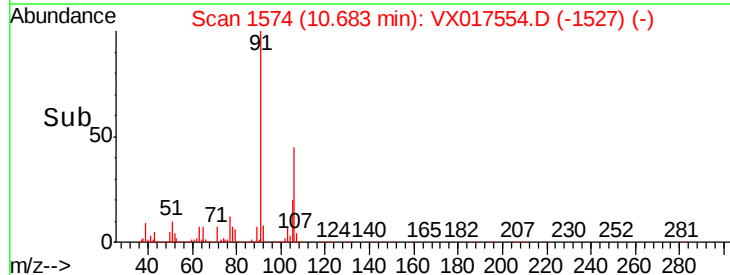
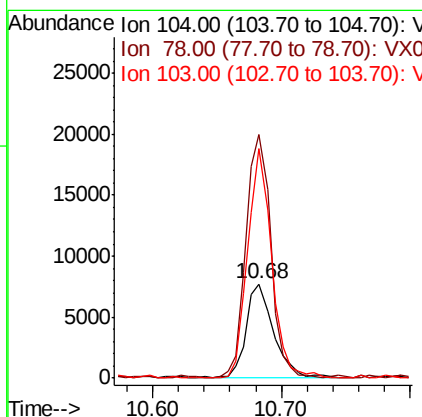
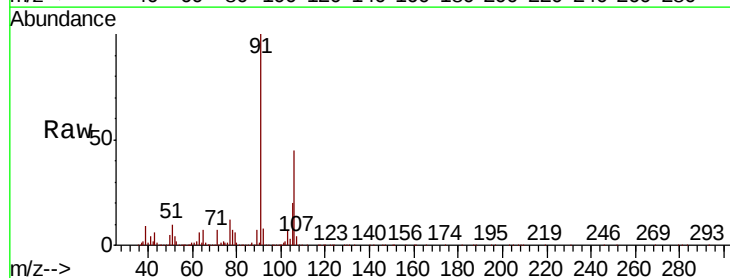
Instrument :
MSVOA_X
ClientSampleId :
CHASSIE-WASH

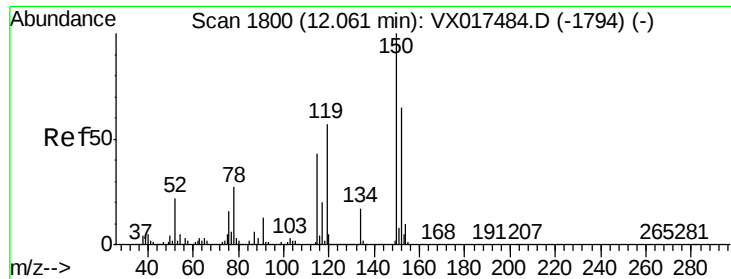
Tot Ion:106 Resp: 159381
Ion Ratio Lower Upper
106 100
91 217.9 108.2 324.6



#70
Styrene
Concen: 0.605 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion:104 Resp: 11443
Ion Ratio Lower Upper
104 100
78 230.0 42.5 63.7#
103 210.6 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

CHASSIE-WASH

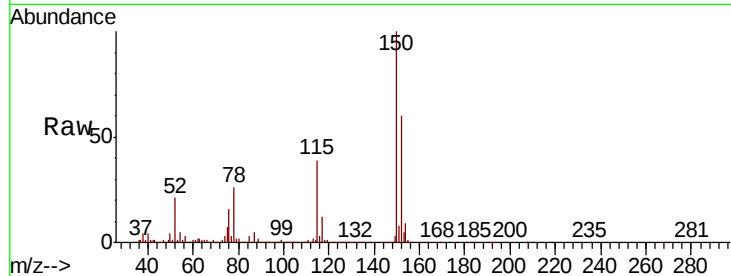
Tot Ion:152 Resp: 468070

Ion Ratio Lower Upper

152 100

115 60.0 65.5 196.6#

150 160.9 0.0 412.6

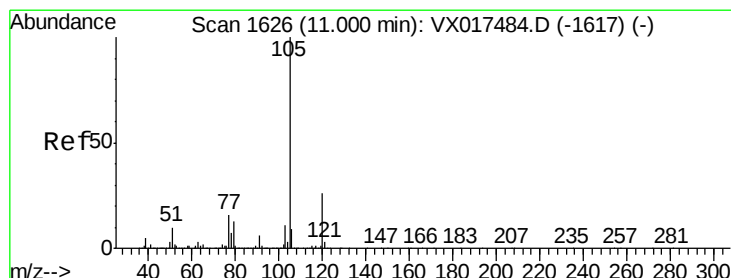
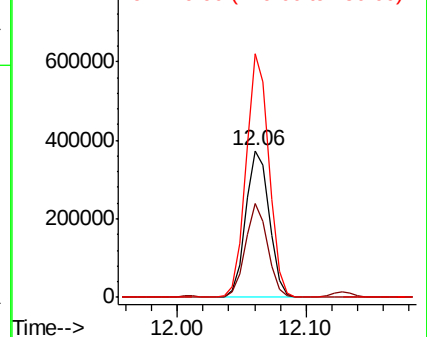
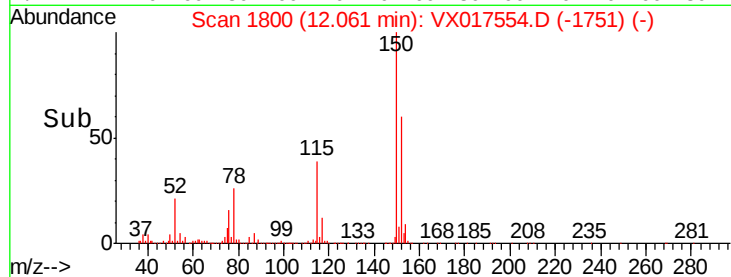


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.408 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017554.D

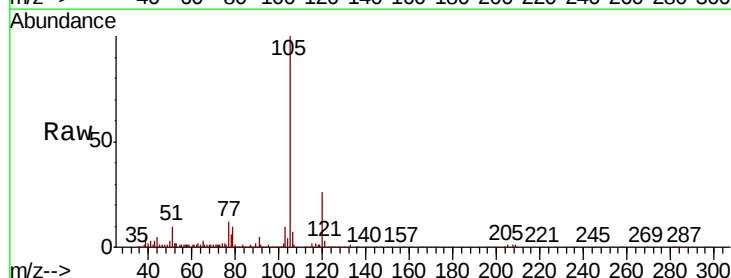
Acq: 24 Jul 2020 19:33

Tgt Ion:105 Resp: 45196

Ion Ratio Lower Upper

105 100

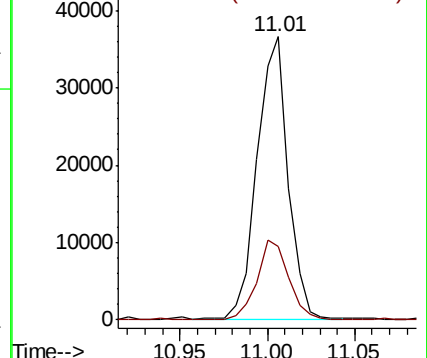
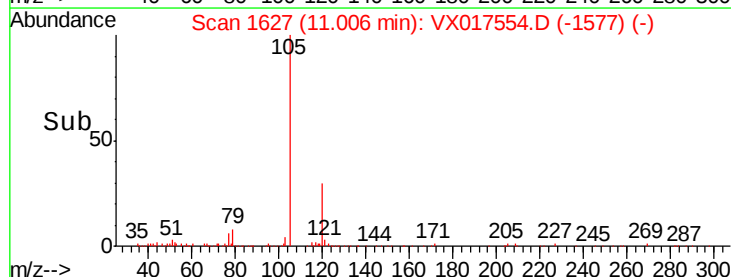
120 29.2 13.3 39.8

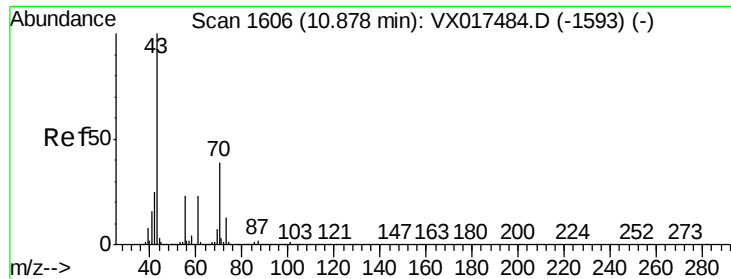


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.274 ug/l

RT: 10.91 min Scan# 1612

Delta R.T. 0.04 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

CHASSIE-WASH

Tot Ion: 43 Resp: 3916

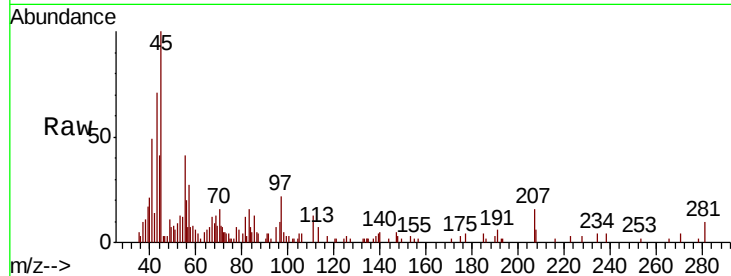
Ion Ratio Lower Upper

43 100

70 54.8 32.3 48.5#

55 112.1 18.4 27.6#

61 0.0 18.6 28.0#

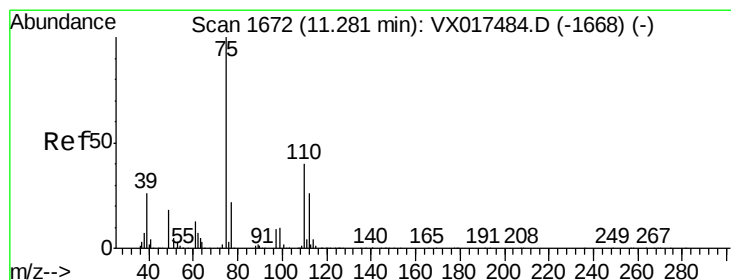
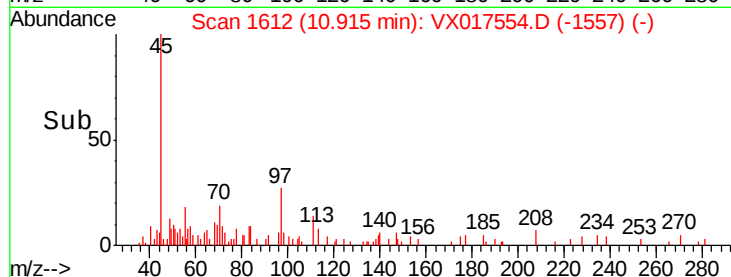
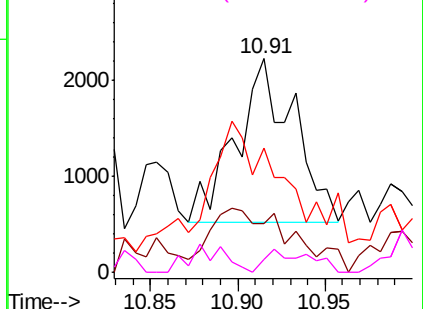


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 25.722 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017554.D

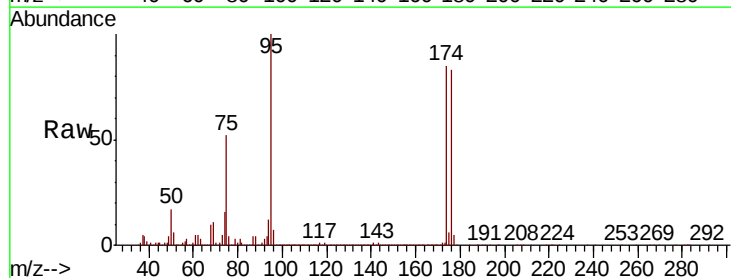
Acq: 24 Jul 2020 19:33

Tgt Ion: 75 Resp: 247665

Ion Ratio Lower Upper

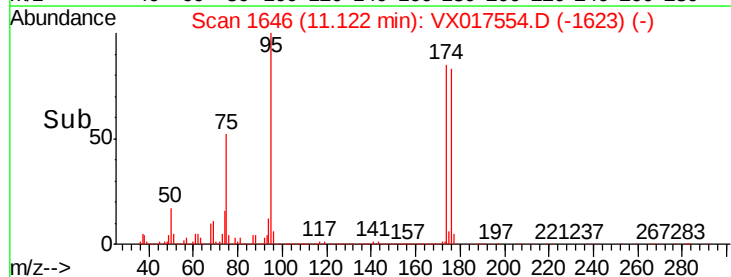
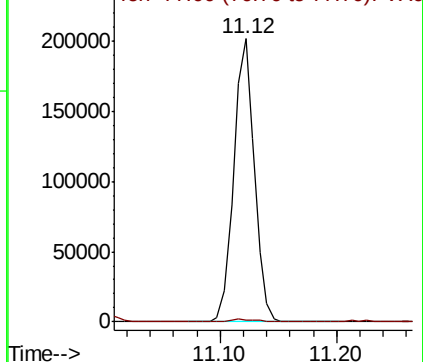
75 100

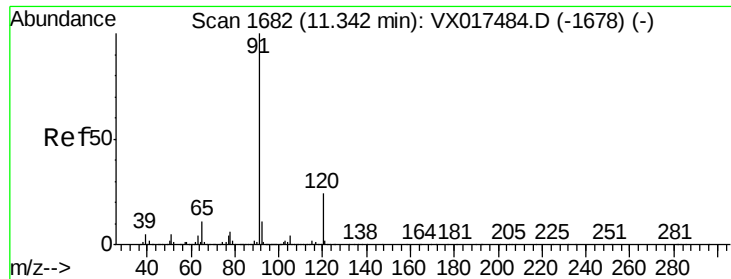
77 1.5 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

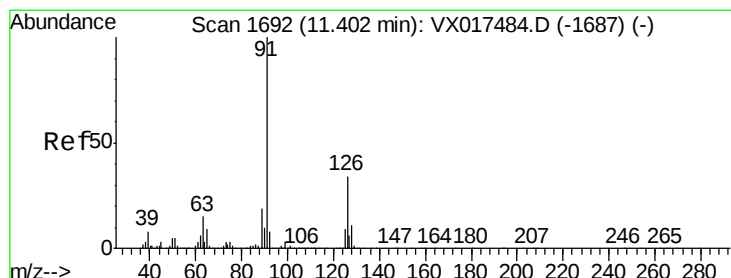
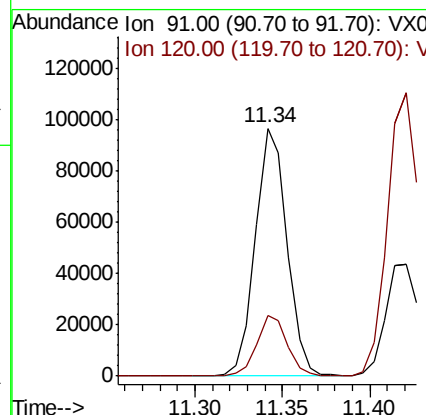
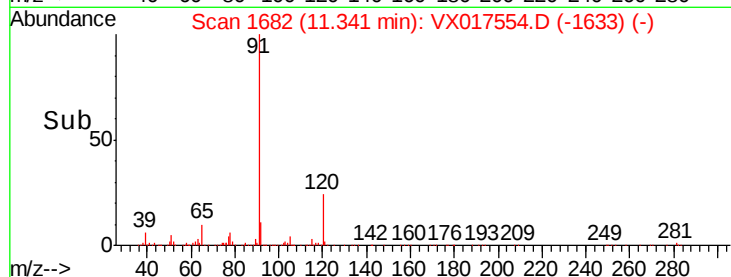
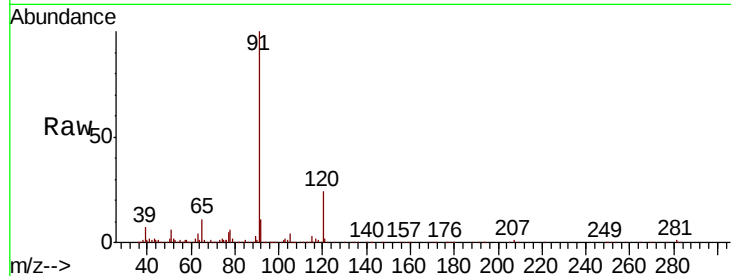




#78
n-propylbenzene
Concen: 3.331 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

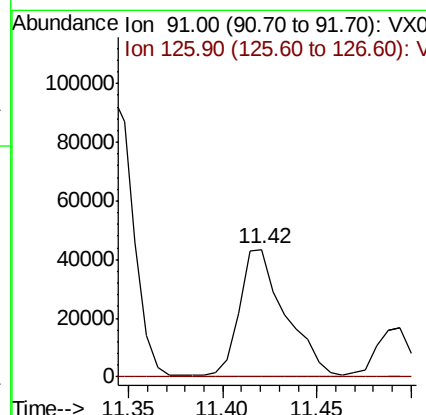
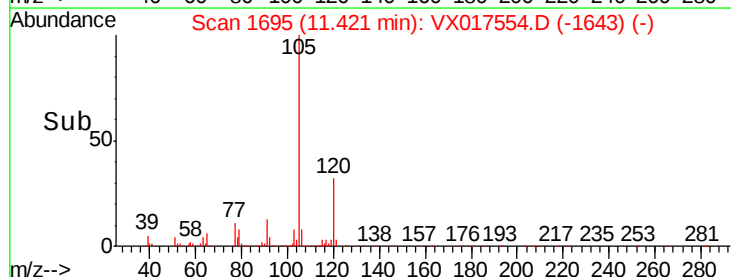
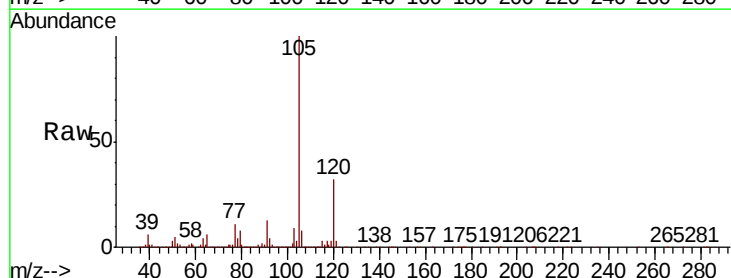
Instrument :
MSVOA_X
ClientSampleId :
CHASSIE-WASH

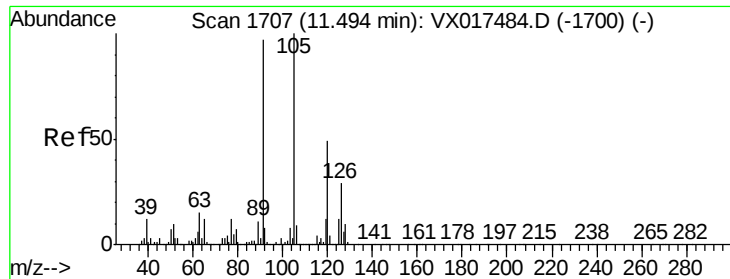
Tot Ion: 91 Resp: 120643
Ion Ratio Lower Upper
91 100
120 23.8 12.2 36.4



#79
2-Chlorotoluene
Concen: 3.256 ug/l
RT: 11.42 min Scan# 1695
Delta R.T. 0.02 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion: 91 Resp: 73056
Ion Ratio Lower Upper
91 100
126 0.2 17.5 52.5#

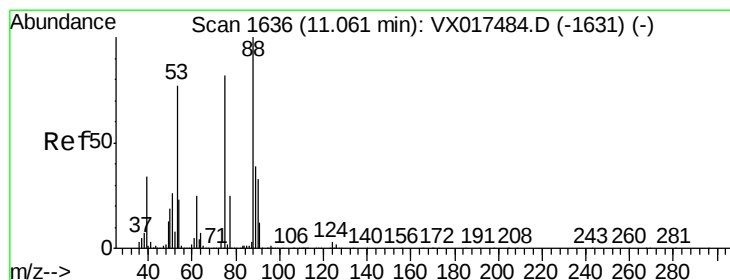
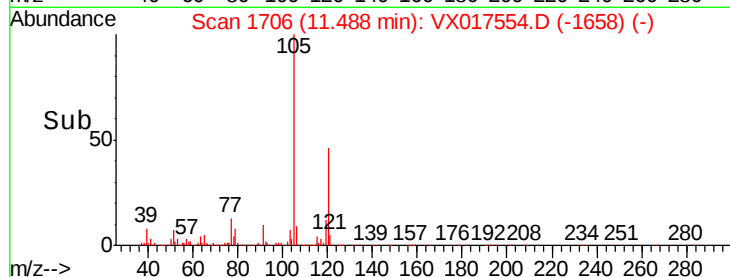
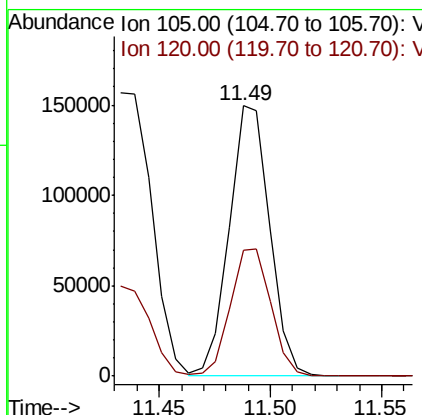
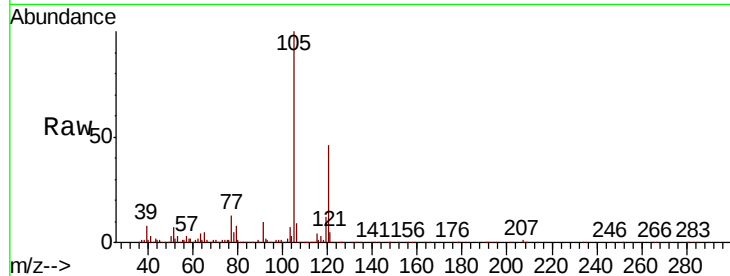




#80
 1,3,5-Trimethylbenzene
 Concen: 6.868 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017554.D
 Acq: 24 Jul 2020 19:33

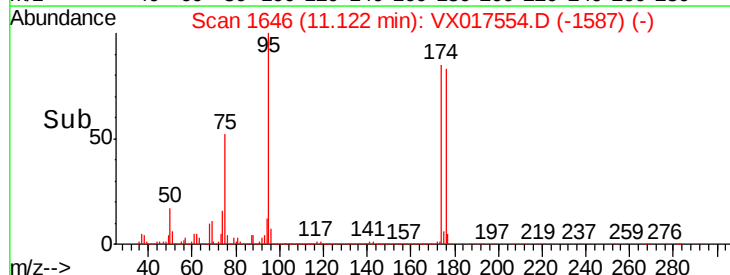
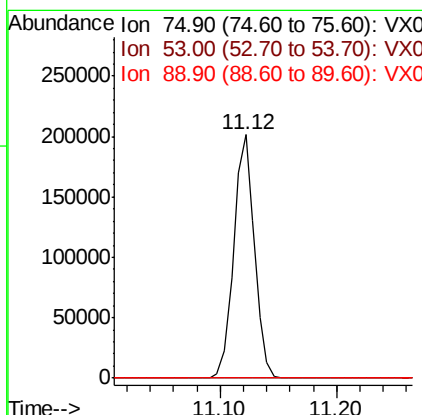
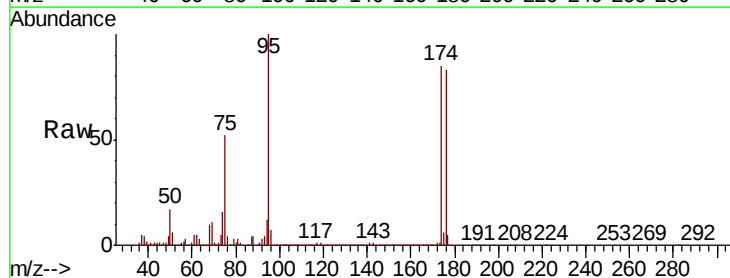
Instrument :
 MSVOA_X
 ClientSampleId :
 CHASSIE-WASH

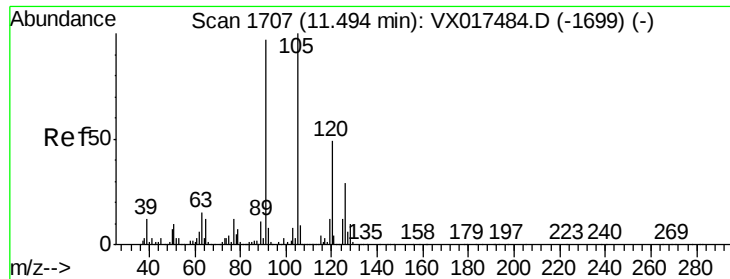
Tot Ion:105 Resp: 188288
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.814 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX017554.D
 Acq: 24 Jul 2020 19:33

Tgt Ion: 75 Resp: 247665
 Ion Ratio Lower Upper
 75 100
 53 0.3 75.9 113.9#
 89 0.0 37.8 56.6#





#82

4-Chlorotoluene

Concen: 0.803 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

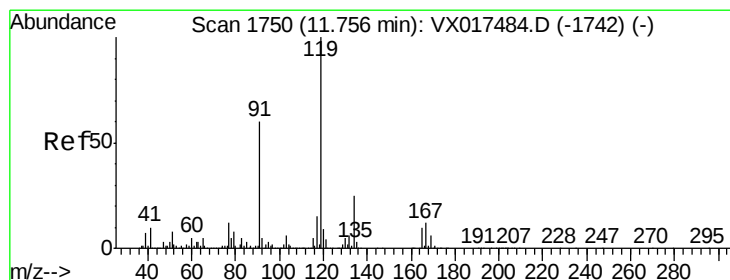
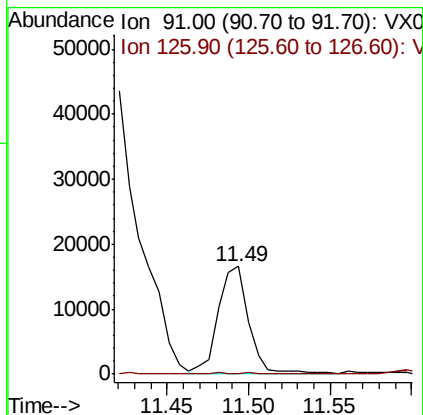
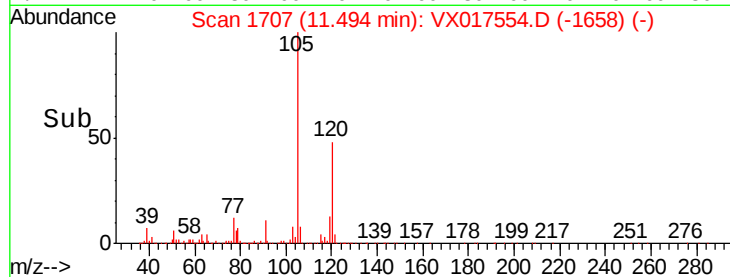
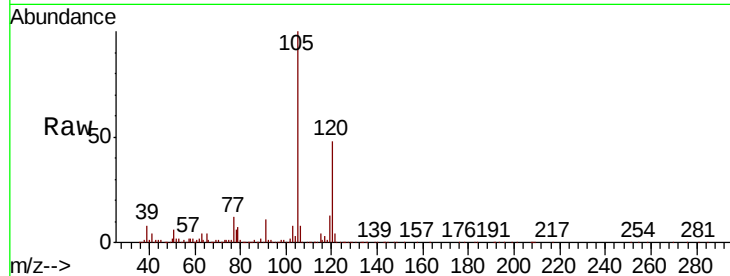
CHASSIE-WASH

Tot Ion: 91 Resp: 21245

Ion Ratio Lower Upper

91 100

126 1.2 15.2 45.6#



#83

tert-Butylbenzene

Concen: 3.856 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

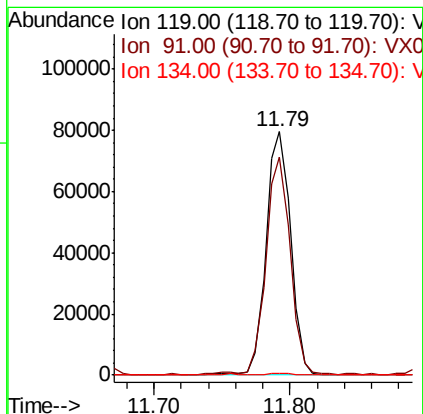
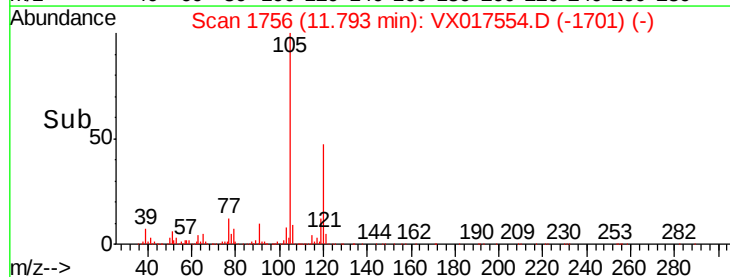
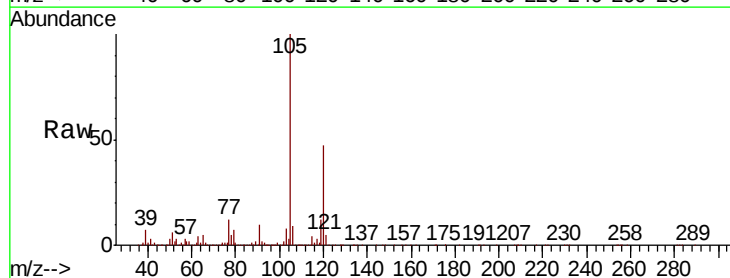
Tgt Ion: 119 Resp: 101153

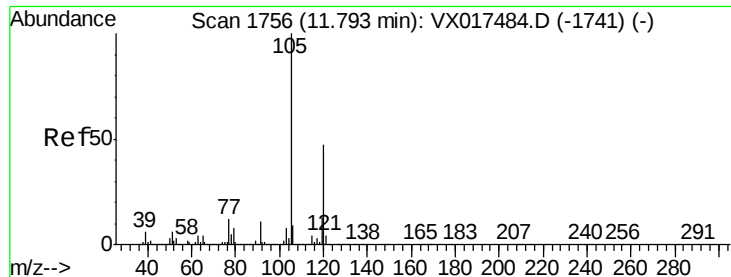
Ion Ratio Lower Upper

119 100

91 88.9 29.3 88.0#

134 0.8 11.2 33.6#





#84

1,2,4-Trimethylbenzene

Concen: 29.727 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

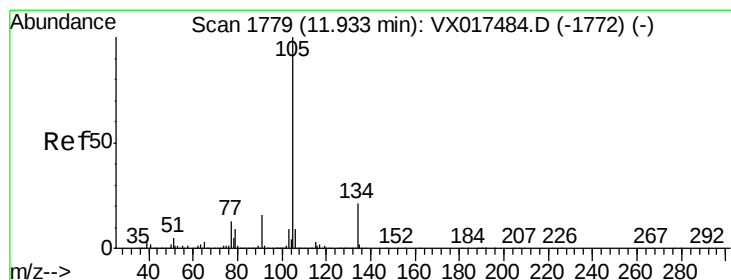
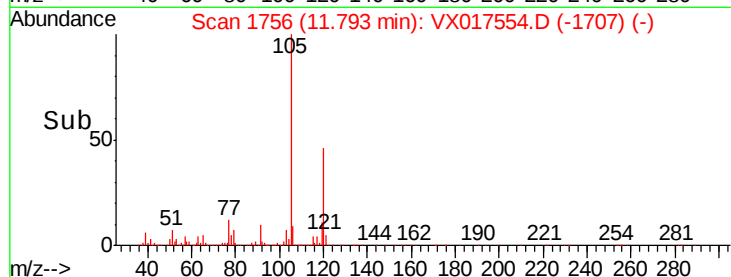
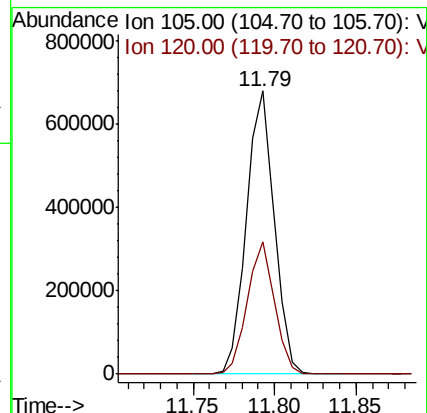
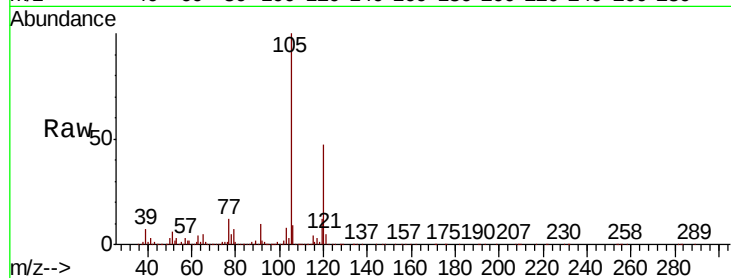
CHASSIE-WASH

Tot Ion:105 Resp: 810609

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.0



#85

sec-Butylbenzene

Concen: 1.271 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017554.D

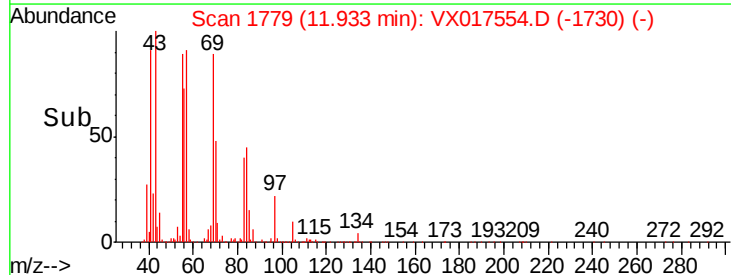
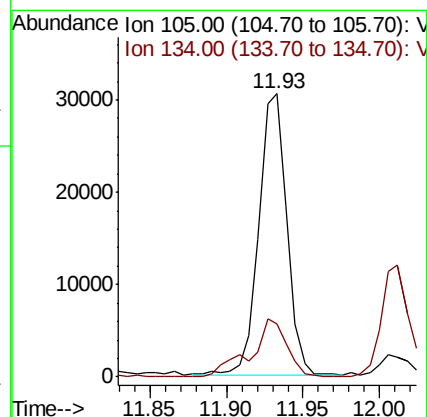
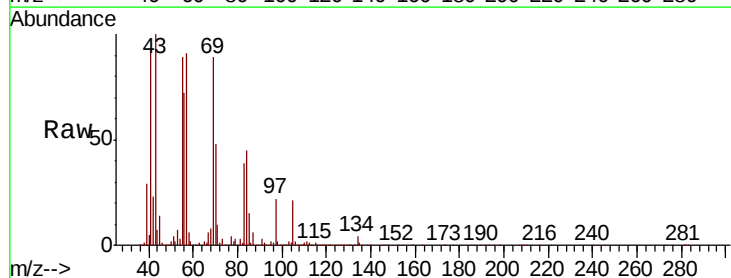
Acq: 24 Jul 2020 19:33

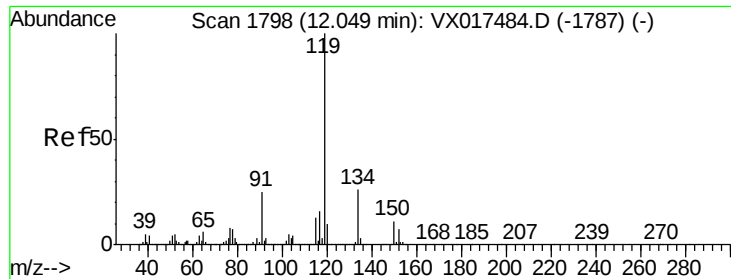
Tgt Ion:105 Resp: 38833

Ion Ratio Lower Upper

105 100

134 27.0 10.4 31.2

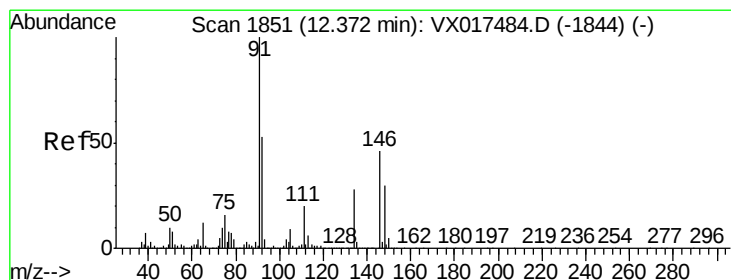
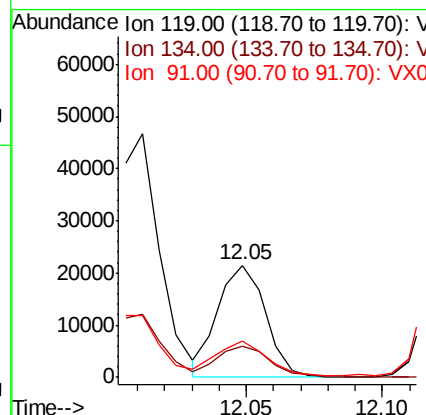
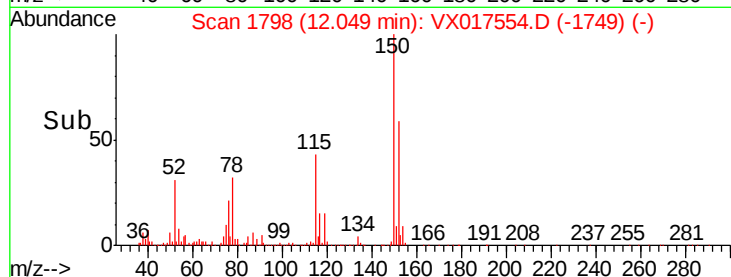
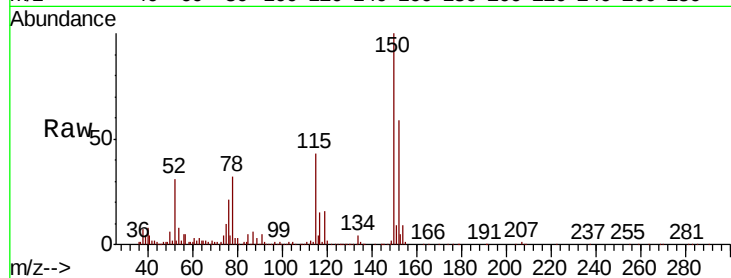




#86
p-Isopropyltoluene
Concen: 0.895 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

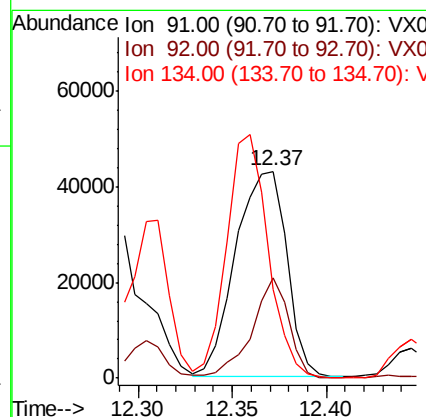
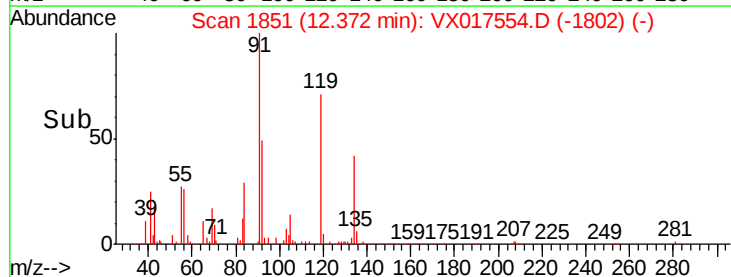
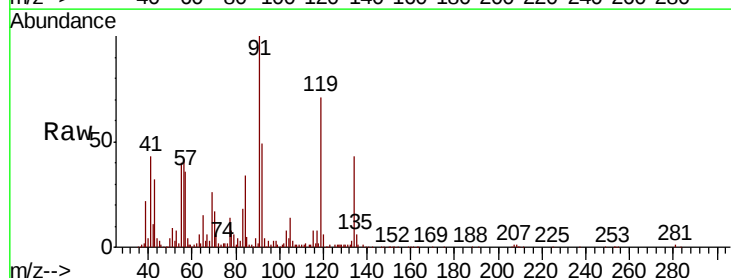
Instrument :
MSVOA_X
ClientSampleId :
CHASSIE-WASH

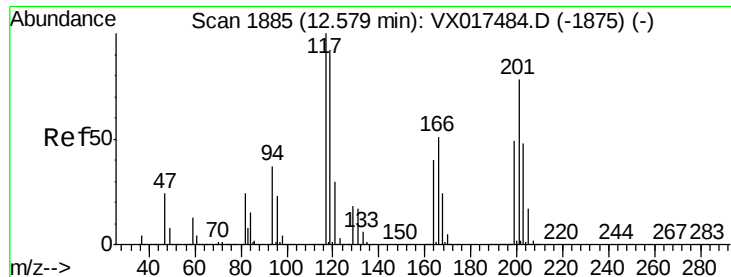
Tot Ion	Ratio	Lower	Upper
119	100		
134	31.7	13.1	39.3
91	31.5	12.1	36.3



#89
n-Butylbenzene
Concen: 3.112 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	34.9	26.7	80.1
134	96.4	13.6	40.7#





#90

Hexachloroethane

Concen: 2.425 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

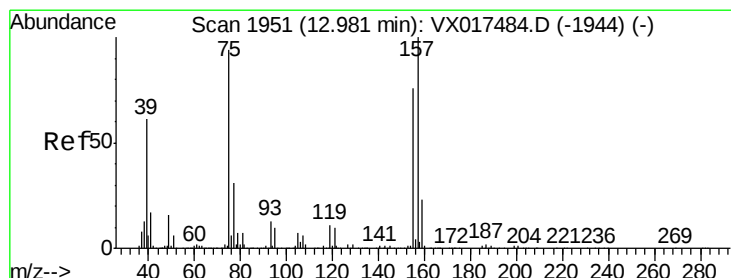
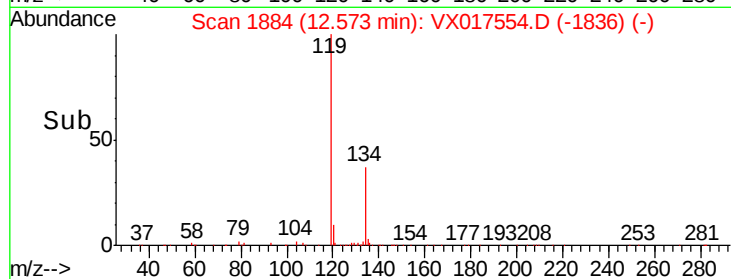
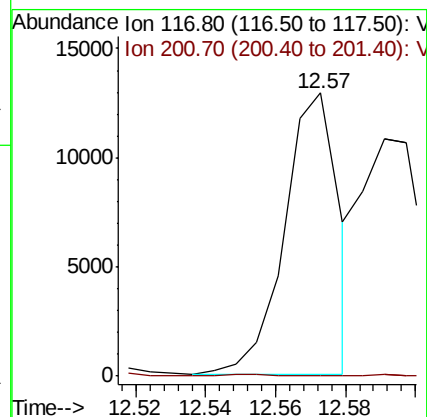
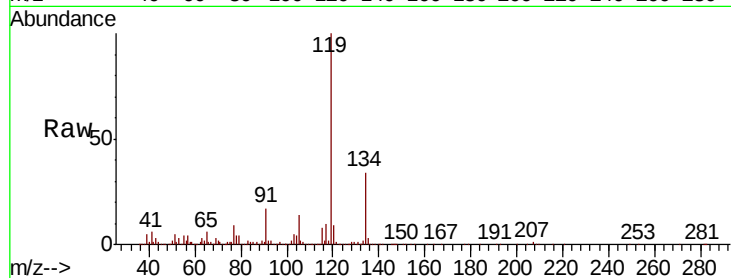
CHASSIE-WASH

Tot Ion:117 Resp: 13912

Ion Ratio Lower Upper

117 100

201 0.2 42.2 126.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.185 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

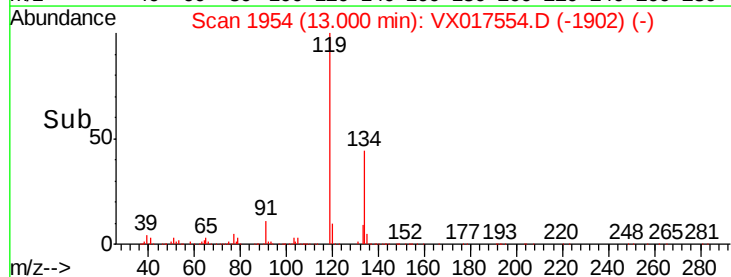
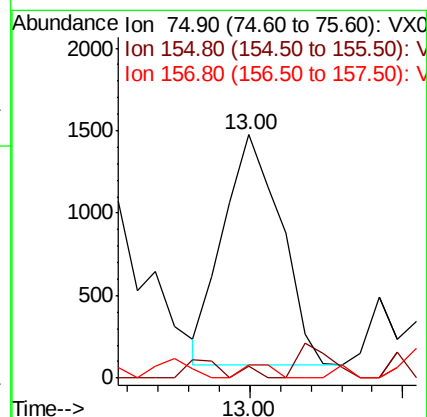
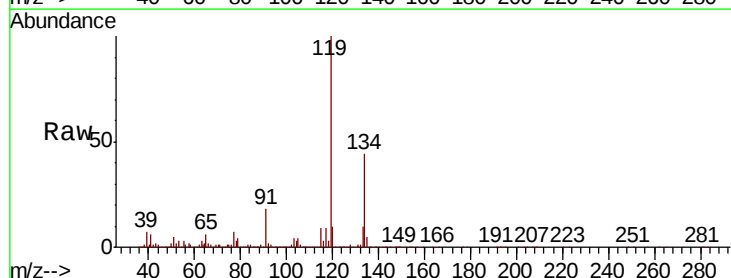
Tgt Ion: 75 Resp: 1818

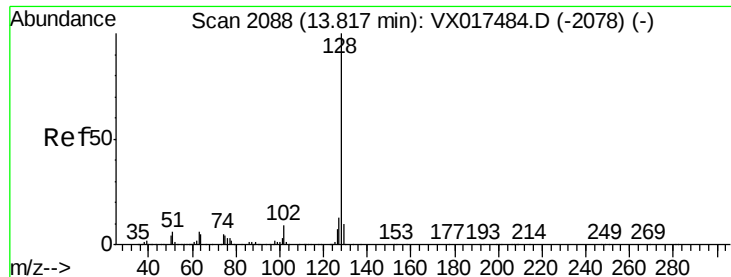
Ion Ratio Lower Upper

75 100

155 0.0 42.3 126.8#

157 3.1 54.3 162.9#





#95
Naphthalene
Concen: 14.435 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Instrument :
MSVOA_X
ClientSampleId :
CHASSIE-WASH

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.4	8.9	13.3

