

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016334.D
 Acq On : 19 May 2020 15:05
 Operator : JC/SP
 Sample : L2672-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-DUP-0559-200514

Quant Time: May 20 03:47:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	241706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	400231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	141090	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	
35) Dibromofluoromethane	5.46	113	116388	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
50) Toluene-d8	8.70	98	490236	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.12	95	196366	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	

Target Compounds

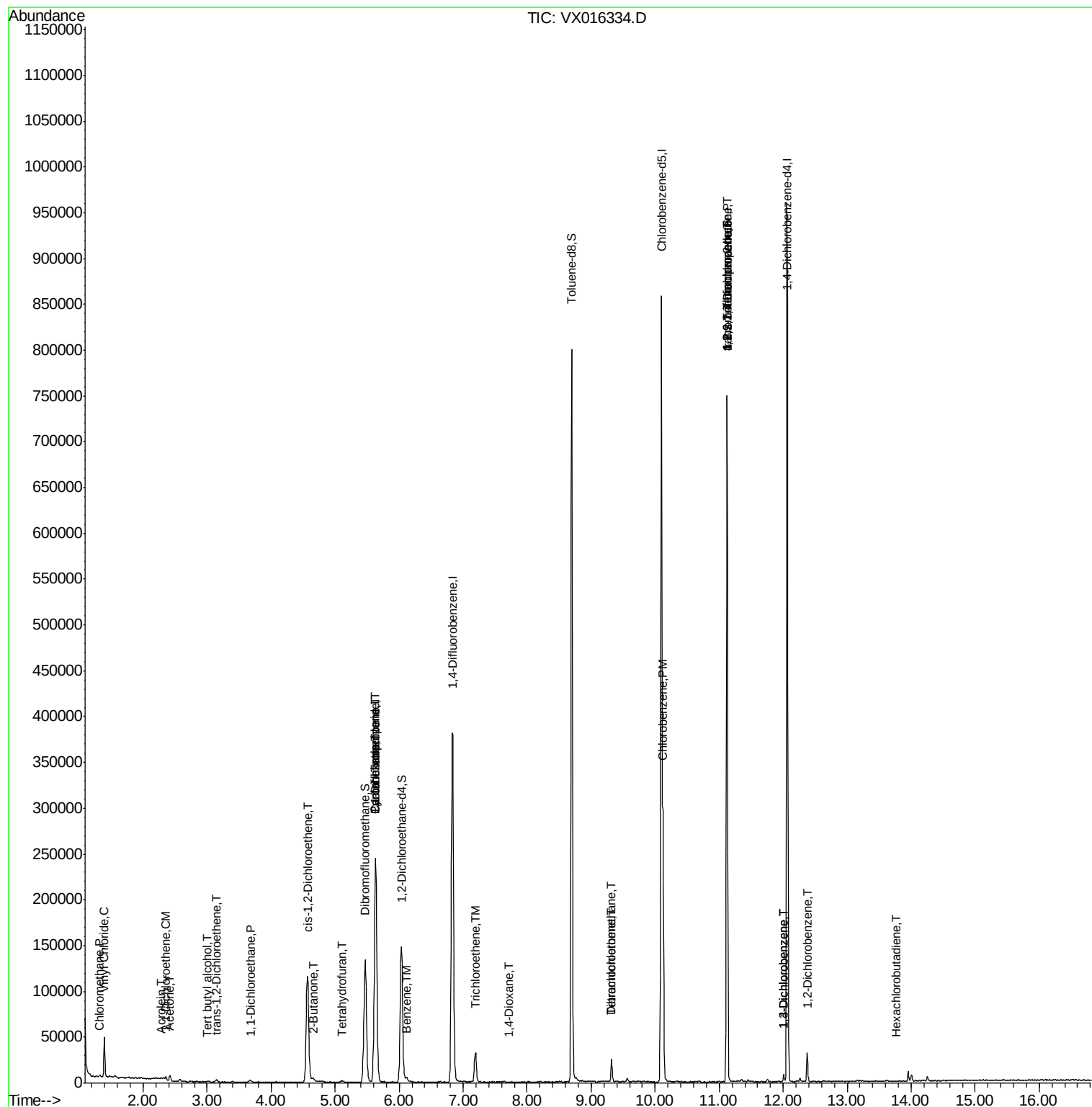
						Qvalue
3) Chloromethane	1.32	50	1058	0.356	ug/l	98
4) Vinyl Chloride	1.39	62	25846	8.154	ug/l	99
11) Tert butyl alcohol	3.01	59	927	1.153	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	1562	0.622	ug/l	89
13) Acrolein	2.28	56	361	0.717	ug/l #	45
16) Acetone	2.42	43	6833	4.815	ug/l	97
17) Carbon Disulfide	2.55	76	945	Below Cal	#	94
21) trans-1,2-Dichloroethene	3.15	96	1255	0.448	ug/l #	72
24) 1,1-Dichloroethane	3.68	63	2189	0.450	ug/l #	85
25) 2-Butanone	4.65	43	1453	0.635	ug/l	90
27) cis-1,2-Dichloroethene	4.57	96	78060	25.501	ug/l	86
29) Tetrahydrofuran	5.11	42	558	0.368	ug/l #	66
31) Cyclohexane	5.63	56	4428	1.002	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	17343	4.402	ug/l #	49
38) Carbon Tetrachloride	5.63	117	22382	5.589	ug/l #	13
40) Benzene	6.11	78	5411	0.469	ug/l #	90
44) Trichloroethene	7.20	130	12944	3.161	ug/l	93
49) 1,4-Dioxane	7.72	88	21	0.254	ug/l #	1
60) Dibromochloromethane	9.32	129	4313	1.385	ug/l #	11
64) Tetrachloroethene	9.32	164	4411	0.922	ug/l	92
65) Chlorobenzene	10.12	112	120665	14.789	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.12	83	121	2.094	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	94557	20.897	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	94557	49.798	ug/l #	13
87) 1,3-Dichlorobenzene	12.01	146	2774	0.413	ug/l	94
88) 1,4-Dichlorobenzene	12.01	146	2774	0.407	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	10079	1.557	ug/l	98
94) Hexachlorobutadiene	13.77	225	19	0.533	ug/l #	18

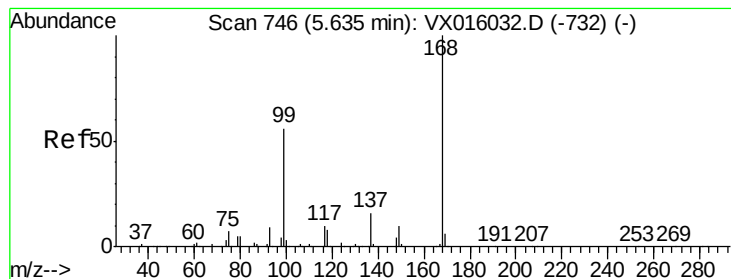
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX016334.D
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Quant Time: May 20 03:47:35 2020
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

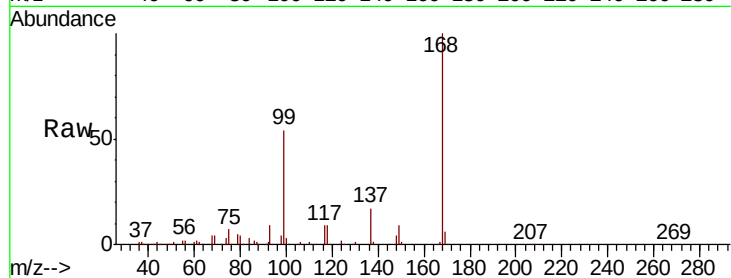
Z2-DUP-0559-200514

Tot Ion:168 Resp: 241706

Ion Ratio Lower Upper

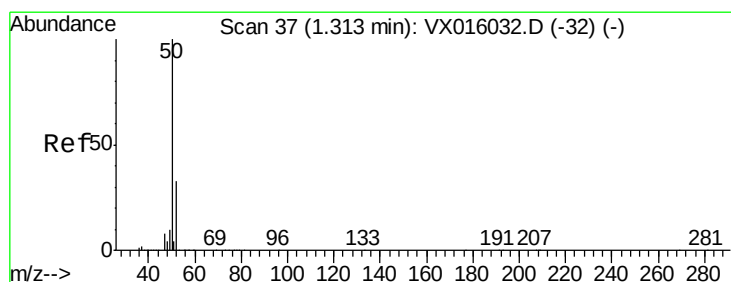
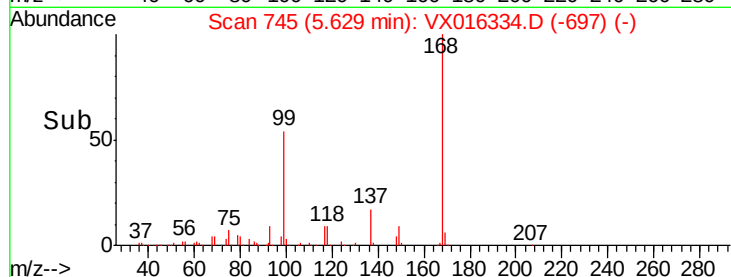
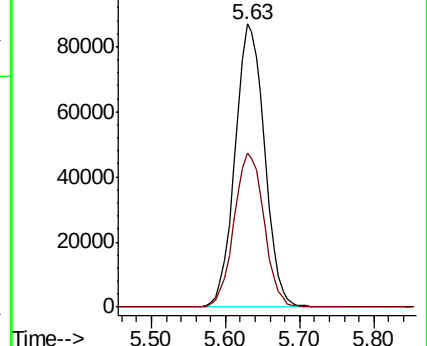
168 100

99 54.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.356 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016334.D

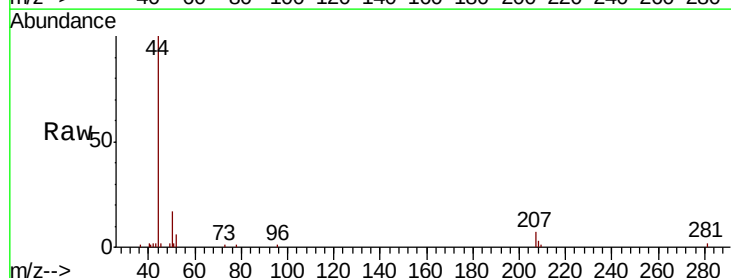
Acq: 19 May 2020 15:05

Tgt Ion: 50 Resp: 1058

Ion Ratio Lower Upper

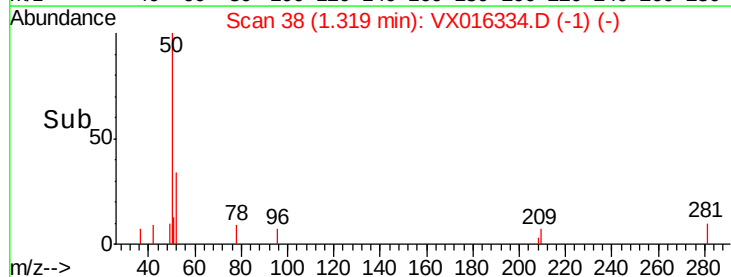
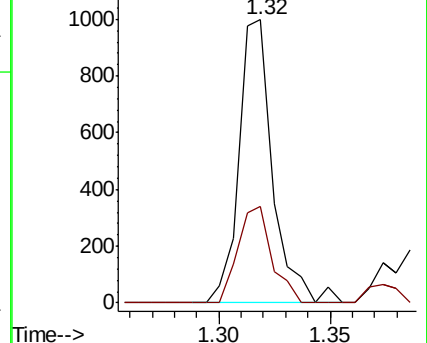
50 100

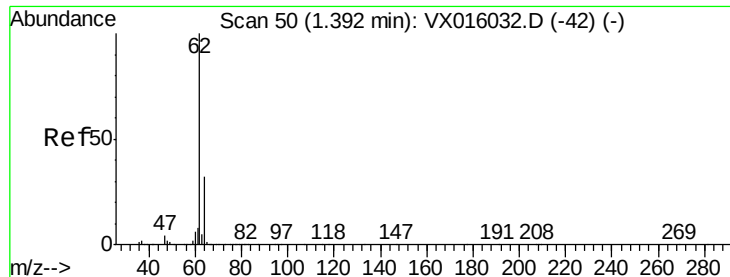
52 34.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 8.154 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

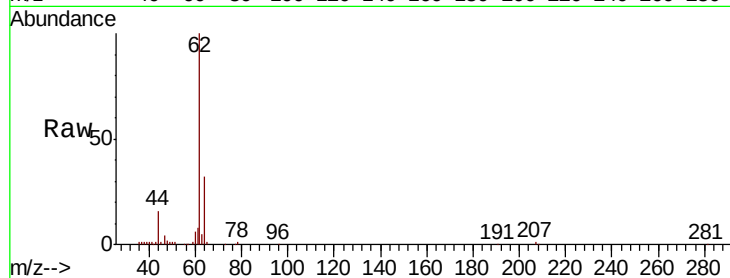
Z2-DUP-0559-200514

Tot Ion: 62 Resp: 25846

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

25000

20000

15000

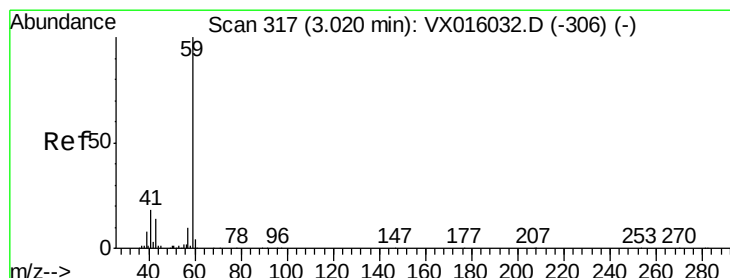
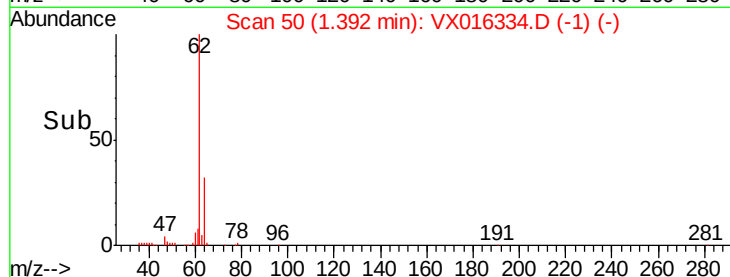
10000

5000

0

Time-->

1.35 1.40 1.45



#11

Tert butyl alcohol

Concen: 1.153 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016334.D

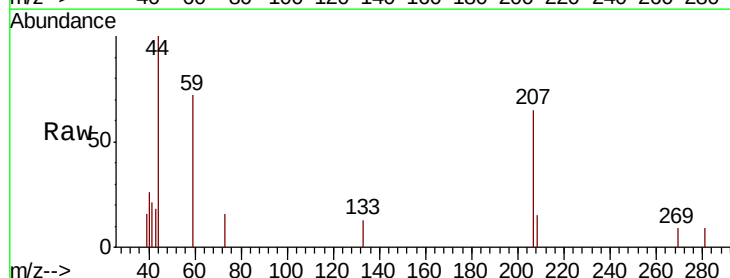
Acq: 19 May 2020 15:05

Tgt Ion: 59 Resp: 927

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

400

300

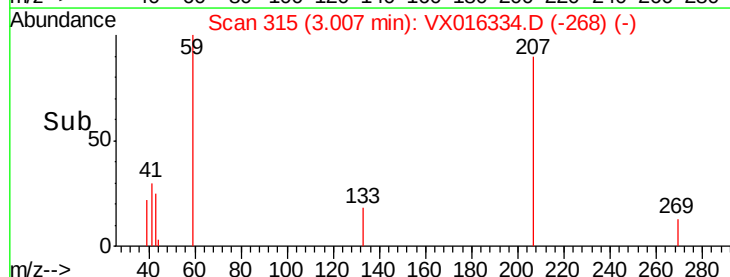
200

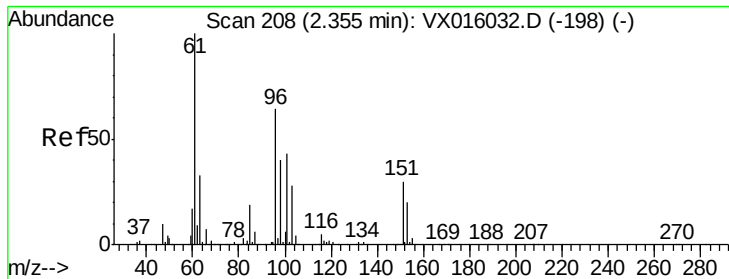
100

0

Time-->

2.95 3.00 3.05





#12

1,1-Dichloroethene

Concen: 0.622 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0559-200514

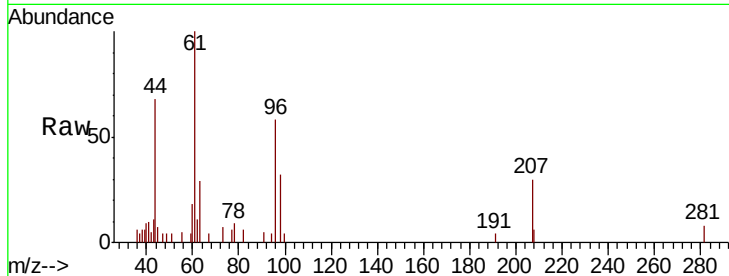
Tot Ion: 96 Resp: 1562

Ion Ratio Lower Upper

96 100

61 171.7 124.8 187.2

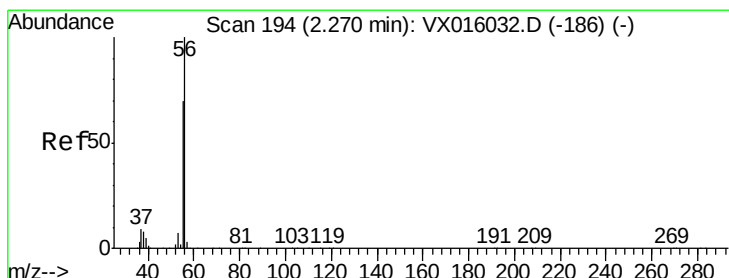
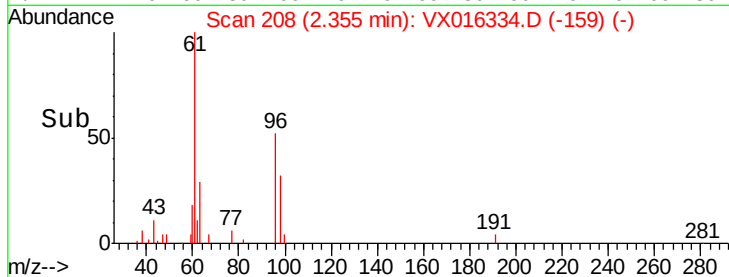
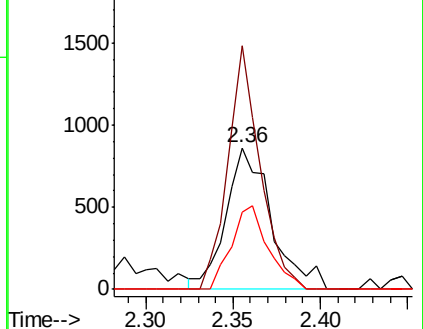
98 54.8 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: 0.717 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX016334.D

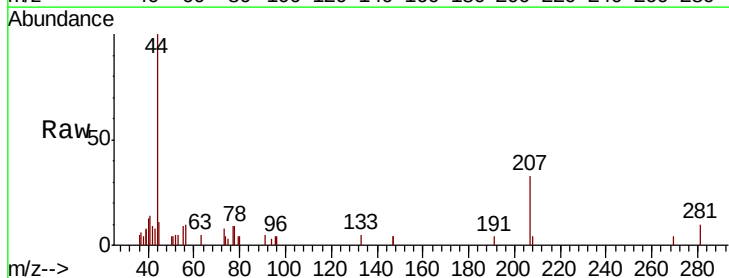
Acq: 19 May 2020 15:05

Tgt Ion: 56 Resp: 361

Ion Ratio Lower Upper

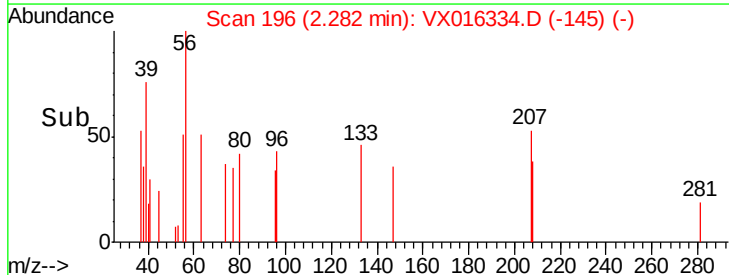
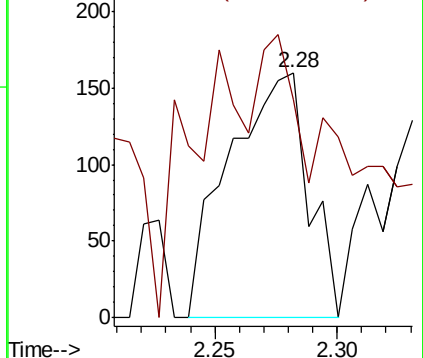
56 100

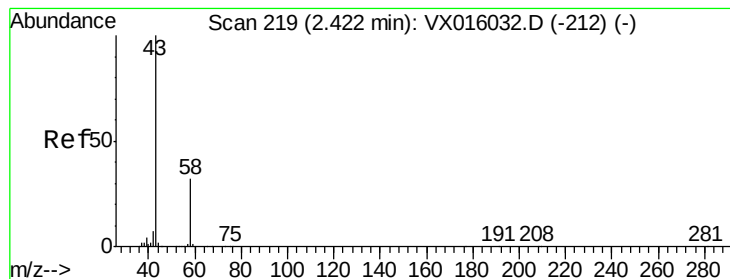
55 25.5 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 4.815 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

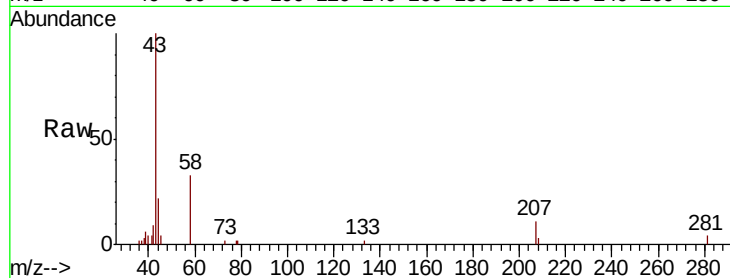
Z2-DUP-0559-200514

Tot Ion: 43 Resp: 6833

Ion Ratio Lower Upper

43 100

58 33.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

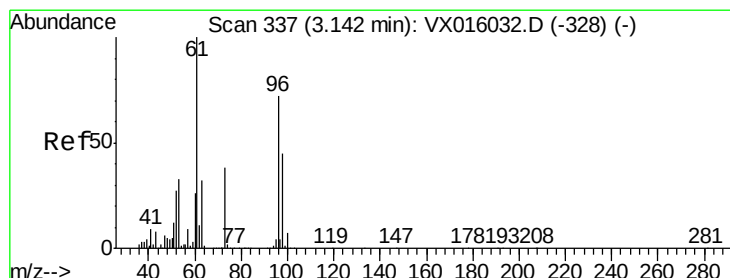
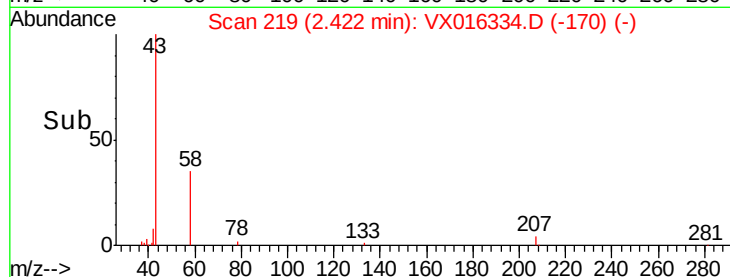
3000

2000

1000

0

Time--> 2.35 2.40 2.45 2.50



#21

trans-1,2-Dichloroethene

Concen: 0.448 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

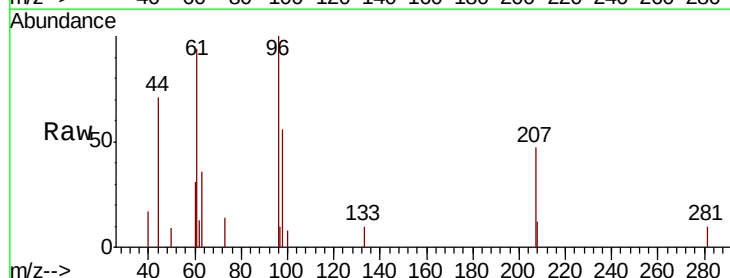
Tgt Ion: 96 Resp: 1255

Ion Ratio Lower Upper

96 100

61 94.1 111.2 166.8#

98 55.7 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

800

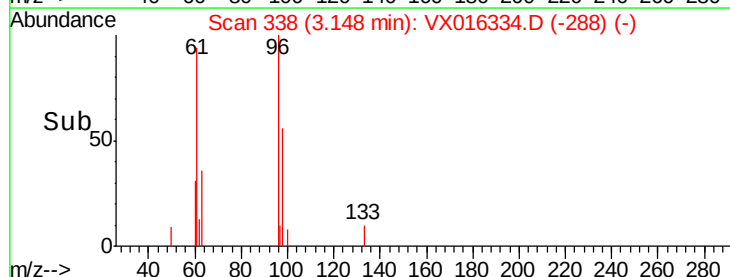
600

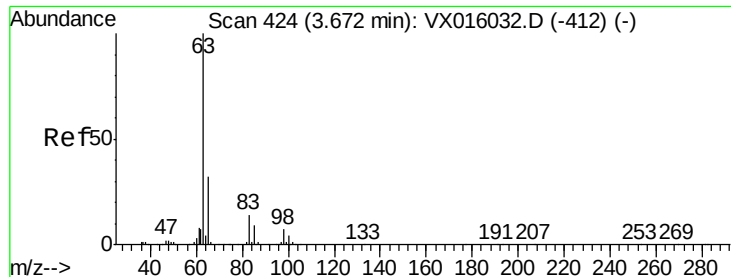
400

200

0

Time--> 3.10 3.15 3.20





#24

1,1-Dichloroethane

Concen: 0.450 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0559-200514

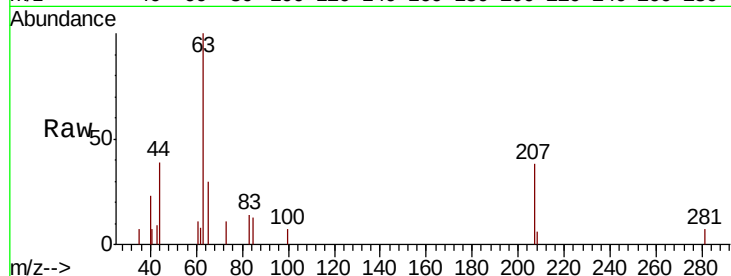
Tot Ion: 63 Resp: 2189

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.5#

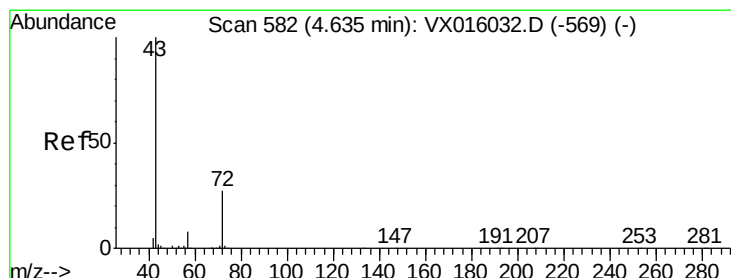
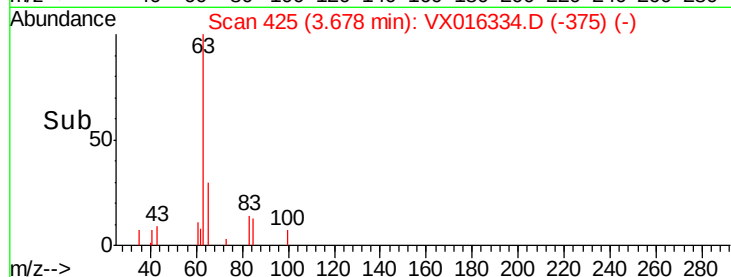
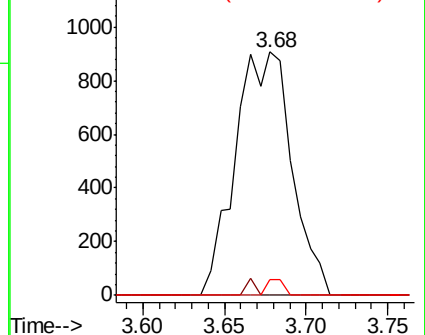
100 6.7 2.1 6.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.635 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX016334.D

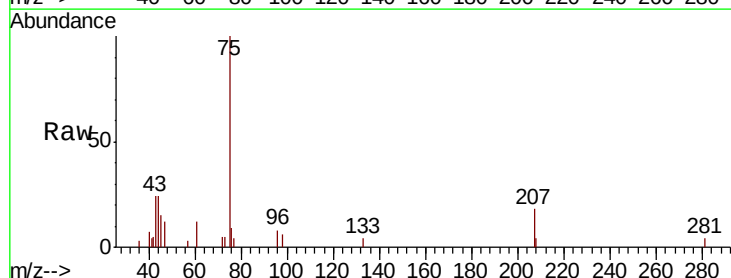
Acq: 19 May 2020 15:05

Tgt Ion: 43 Resp: 1453

Ion Ratio Lower Upper

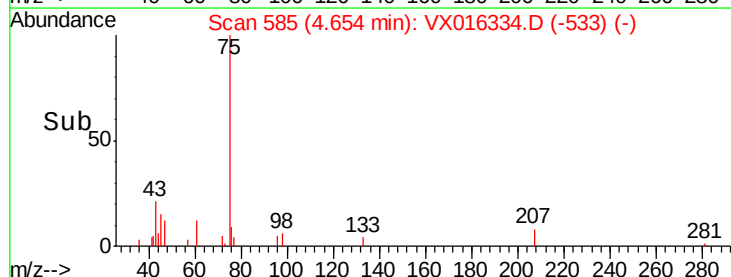
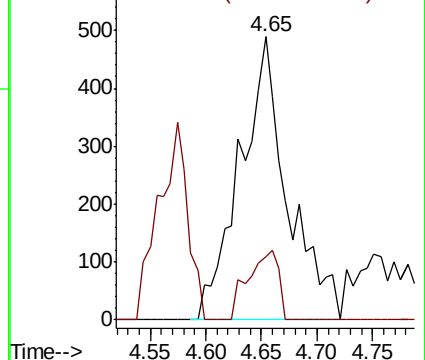
43 100

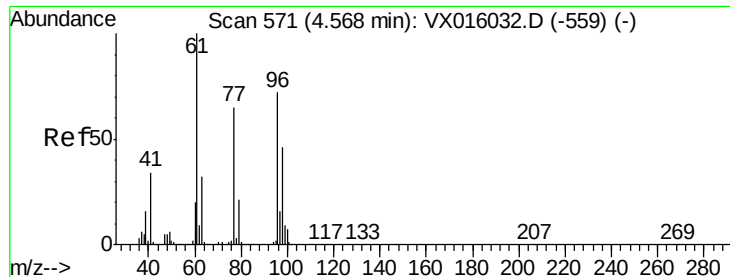
72 22.3 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



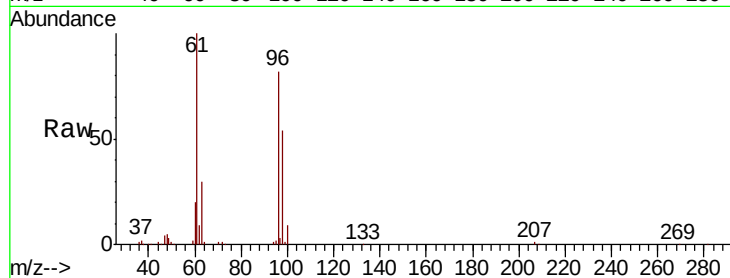


#27

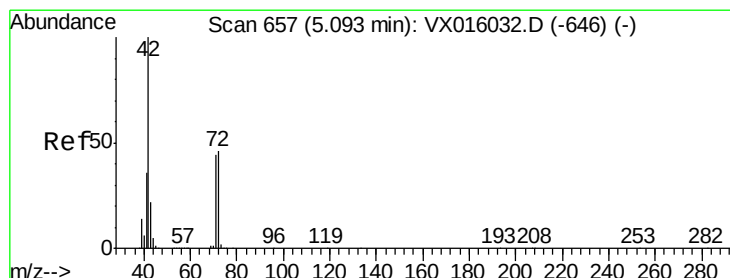
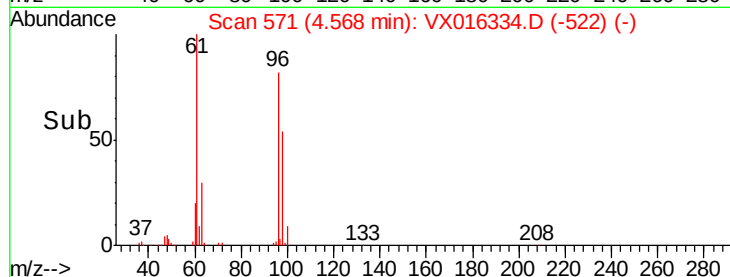
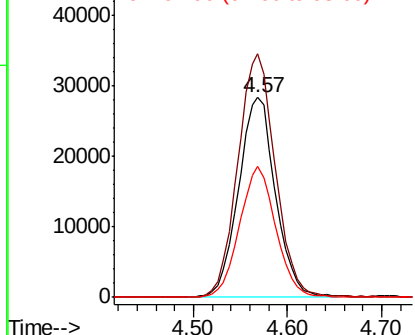
cis-1,2-Dichloroethene
Concen: 25.501 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tot Ion: 96 Resp: 78060
Ion Ratio Lower Upper
96 100
61 123.7 0.0 296.2
98 64.2 0.0 129.4



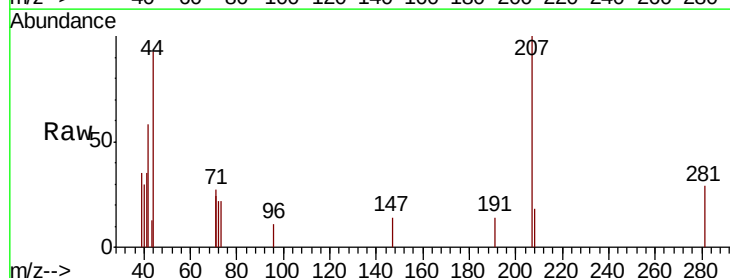
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



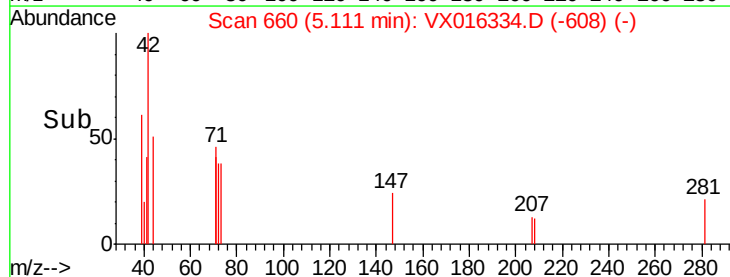
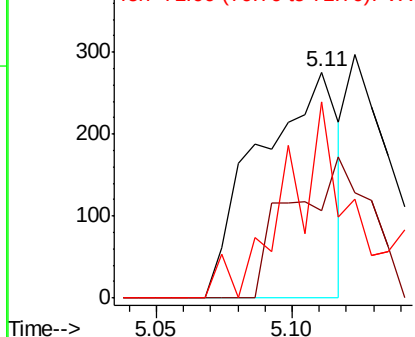
#29

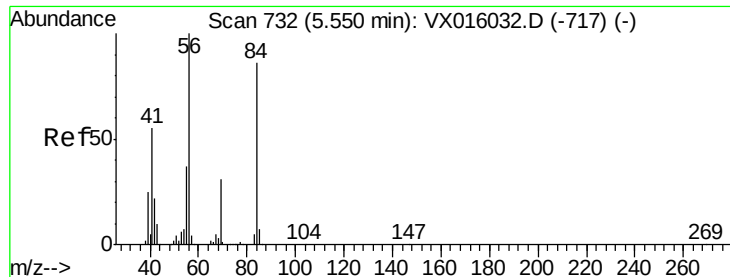
Tetrahydrofuran
Concen: 0.368 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion: 42 Resp: 558
Ion Ratio Lower Upper
42 100
72 61.5 37.1 55.7#
71 72.2 34.5 51.7#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

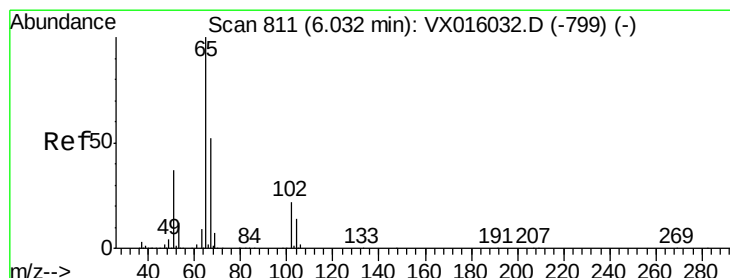
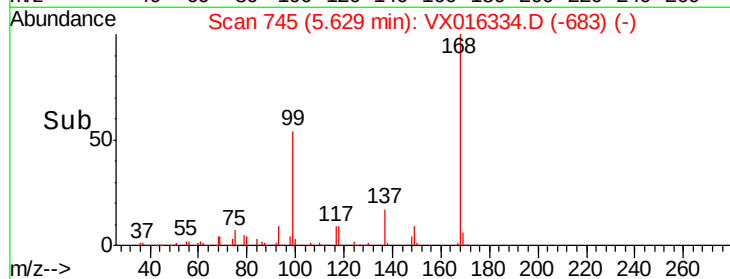
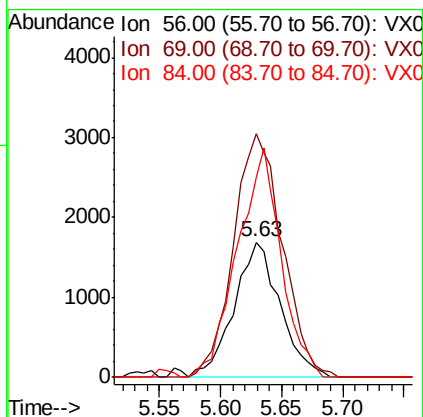
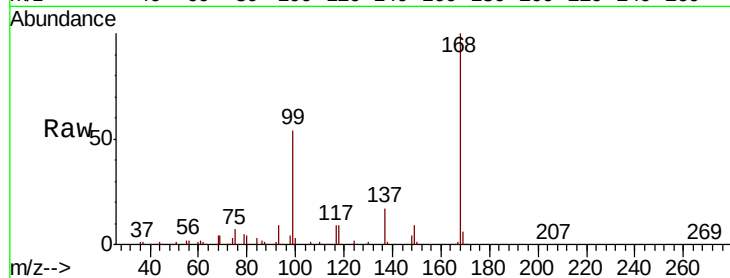




#31
Cyclohexane
Concen: 1.002 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

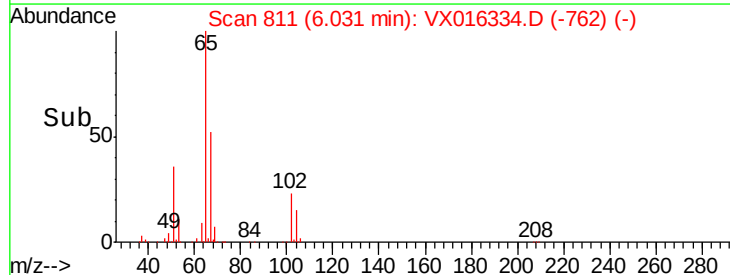
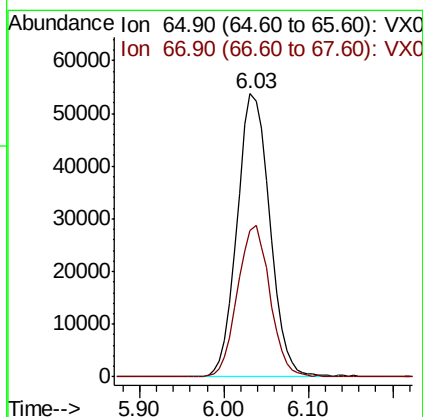
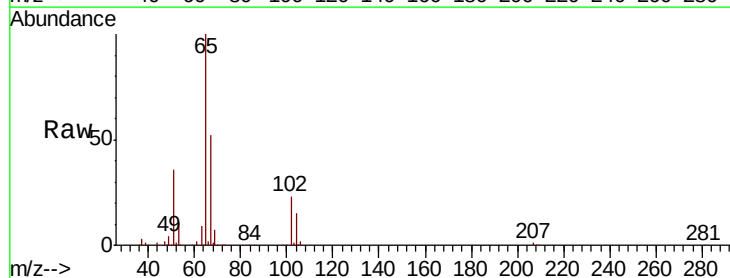
Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

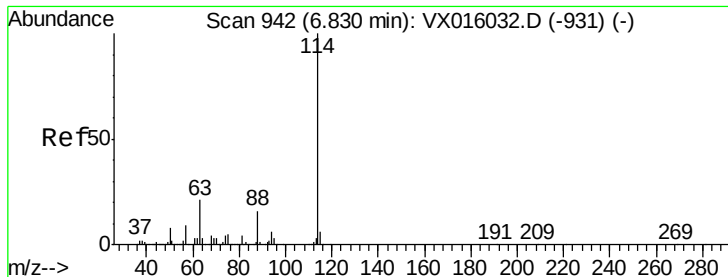
Tot Ion: 56 Resp: 4428
Ion Ratio Lower Upper
56 100
69 180.0 25.0 37.6#
84 148.2 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 44.360 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion: 65 Resp: 141090
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0559-200514

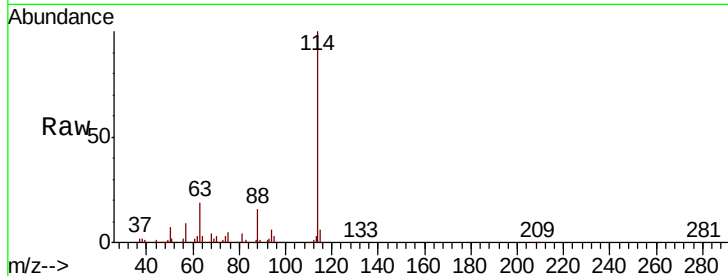
Tot Ion:114 Resp: 400231

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

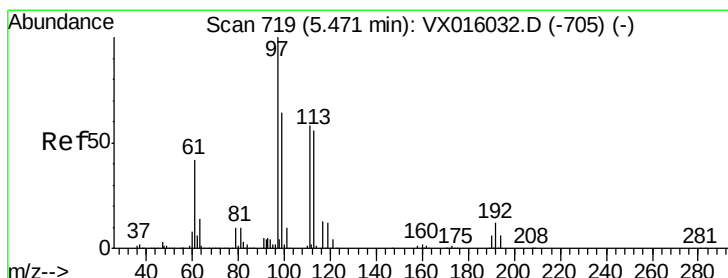
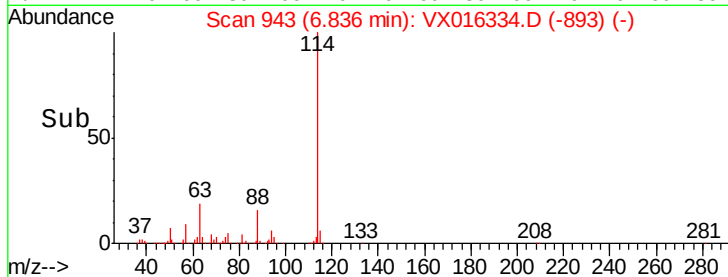
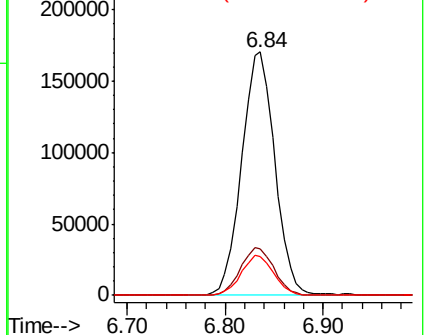
88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 45.901 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

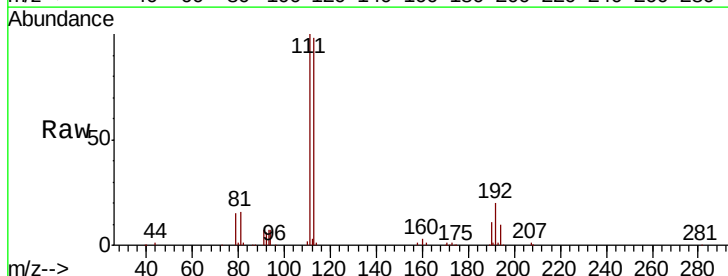
Tgt Ion:113 Resp: 116388

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

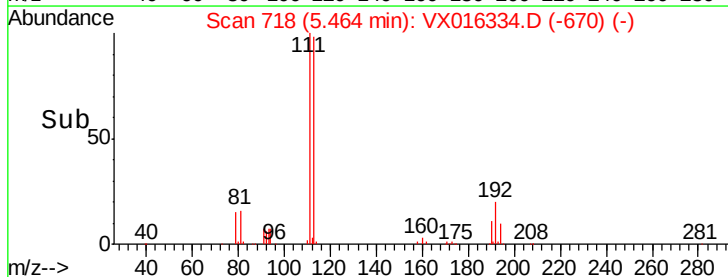
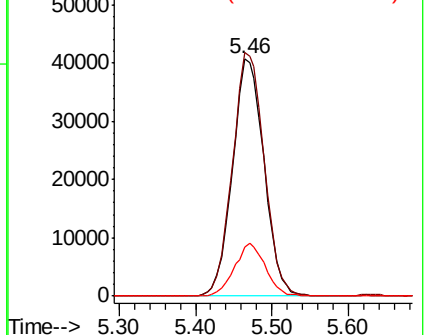
192 21.7 17.0 25.4

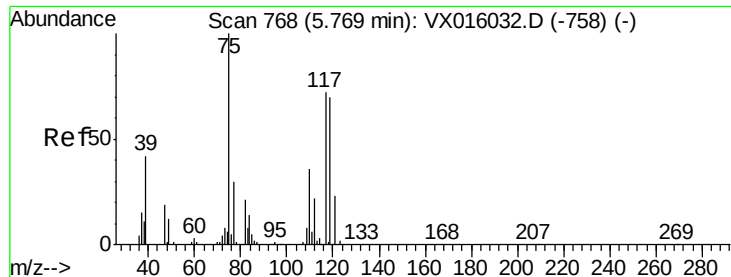


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

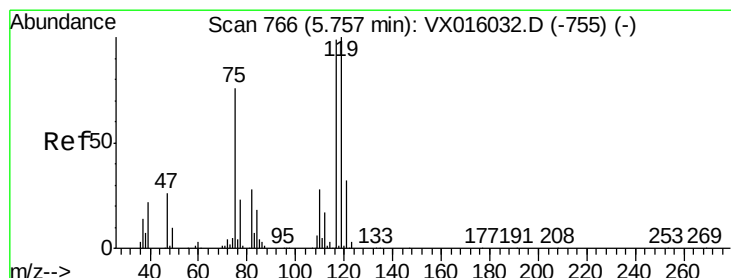
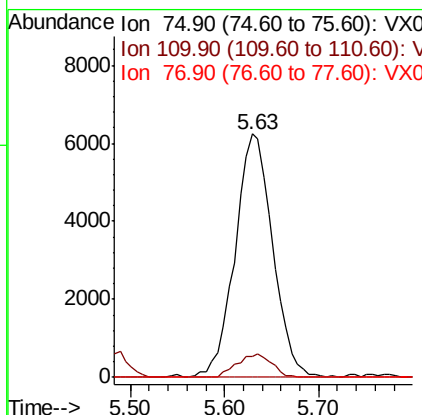
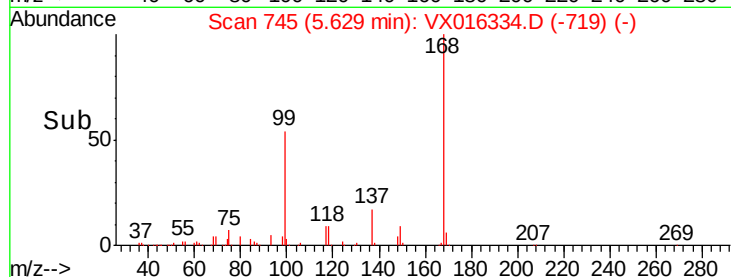
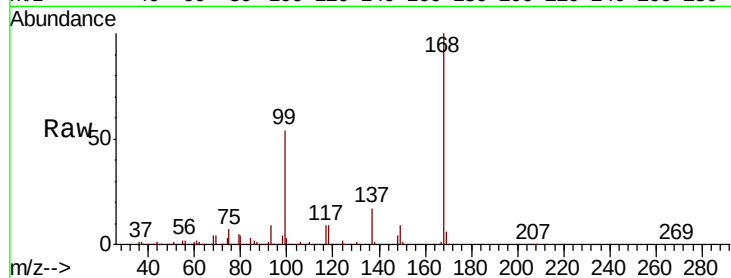




#36
 1,1-Dichloropropene
 Concen: 4.402 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016334.D
 Acq: 19 May 2020 15:05

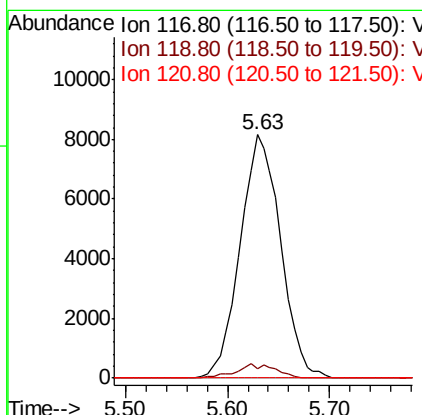
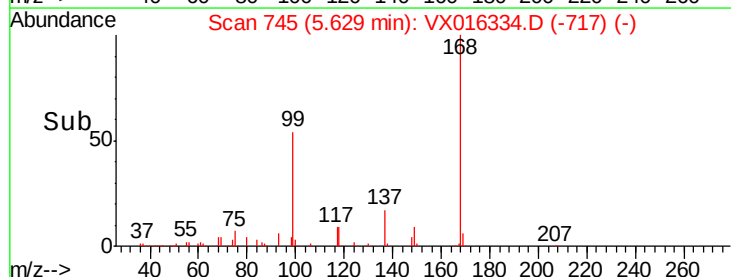
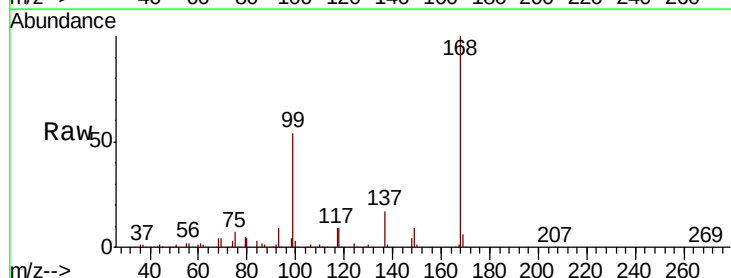
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-DUP-0559-200514

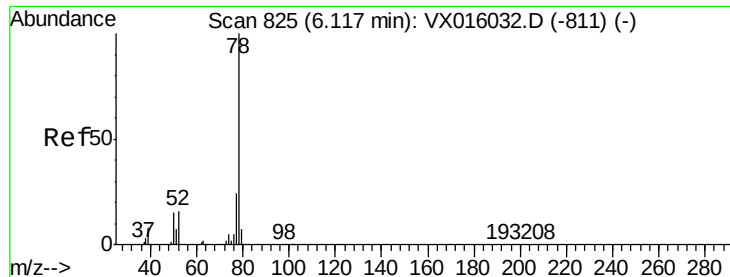
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.1#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.589 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX016334.D
 Acq: 19 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.6	80.3	120.5#
121	0.0	25.7	38.5#





#40

Benzene

Concen: 0.469 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

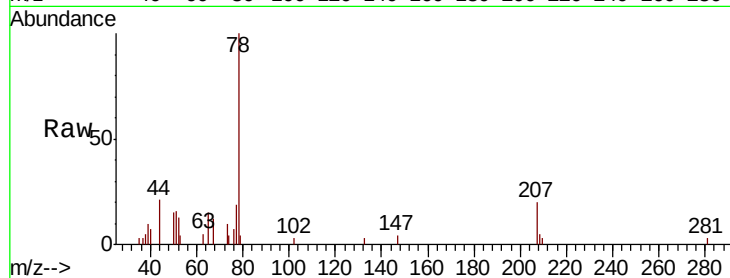
Z2-DUP-0559-200514

Tot Ion: 78 Resp: 5411

Ion Ratio Lower Upper

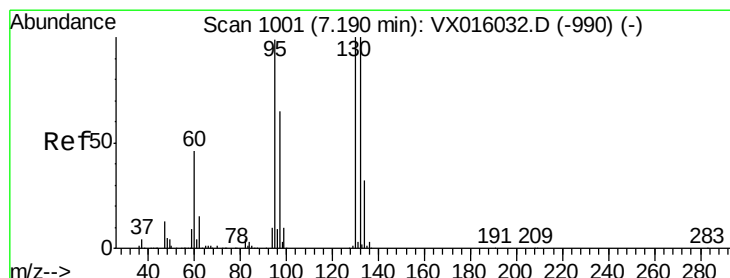
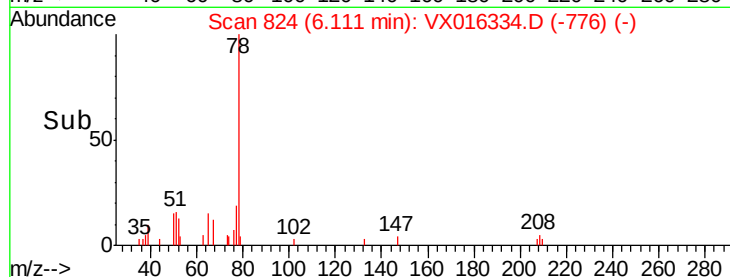
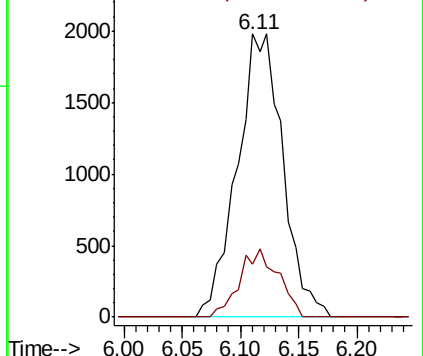
78 100

77 18.6 19.0 28.4#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 3.161 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016334.D

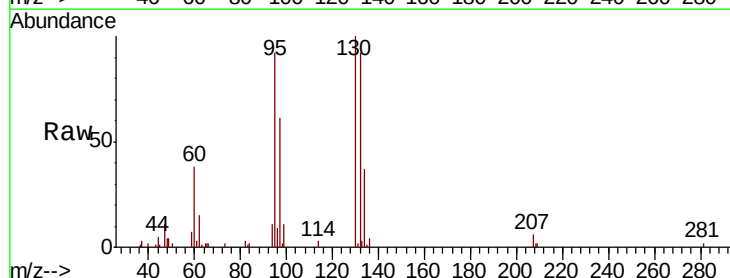
Acq: 19 May 2020 15:05

Tgt Ion: 130 Resp: 12944

Ion Ratio Lower Upper

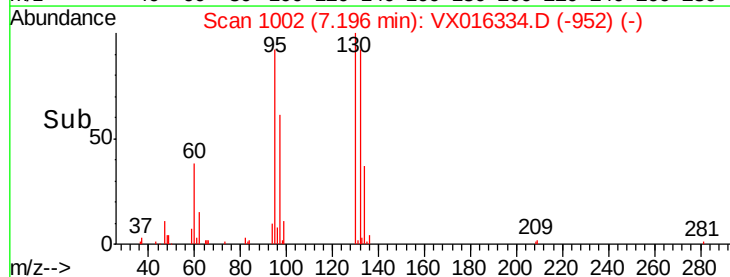
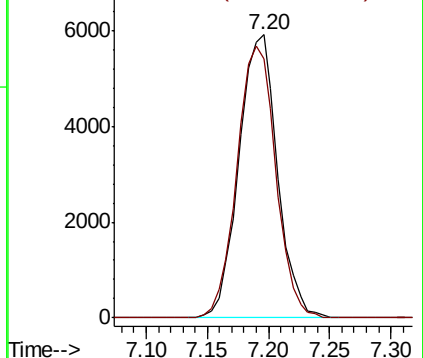
130 100

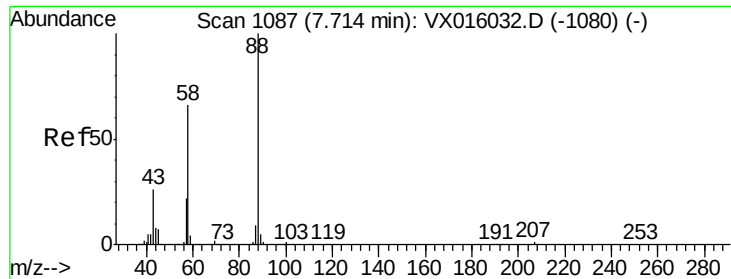
95 91.5 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 0.254 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0559-200514

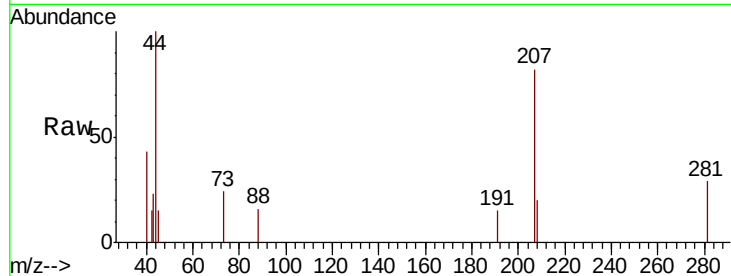
Tot Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 376.2 25.3 37.9#

58 0.0 55.9 83.9#



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

200

150

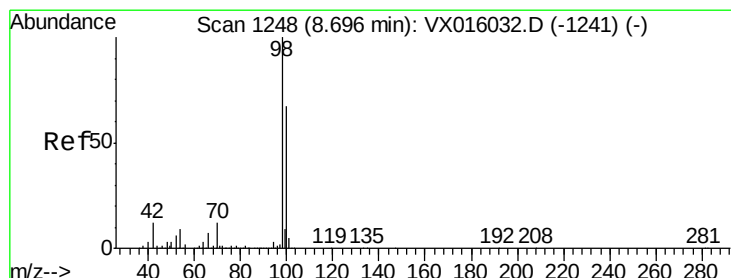
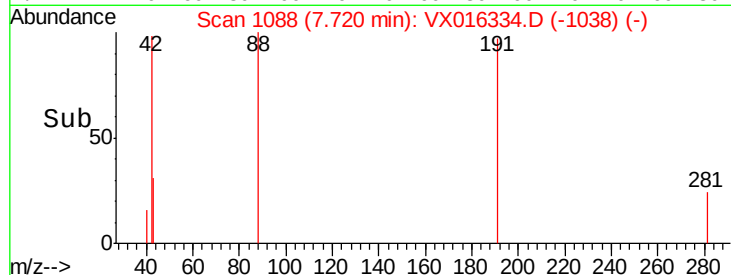
100

50

0

7.70 7.71 7.72 7.73 7.74

Time-->



#50

Toluene-d8

Concen: 50.178 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016334.D

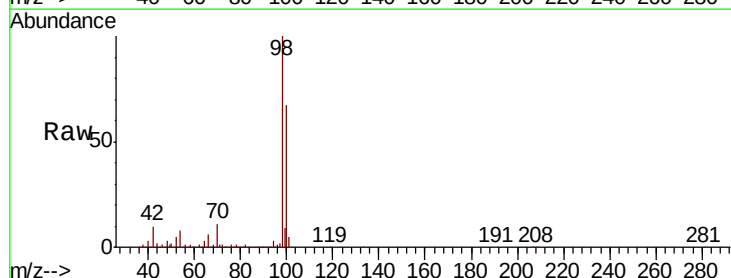
Acq: 19 May 2020 15:05

Tgt Ion: 98 Resp: 490236

Ion Ratio Lower Upper

98 100

100 66.9 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

300000

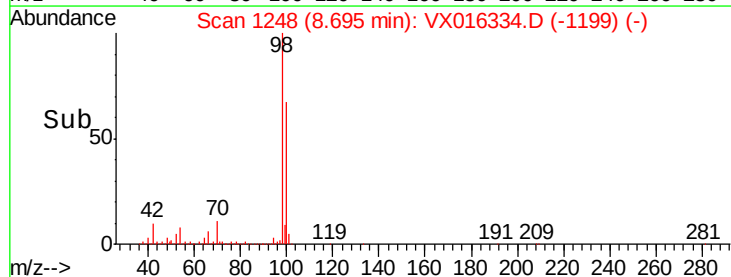
200000

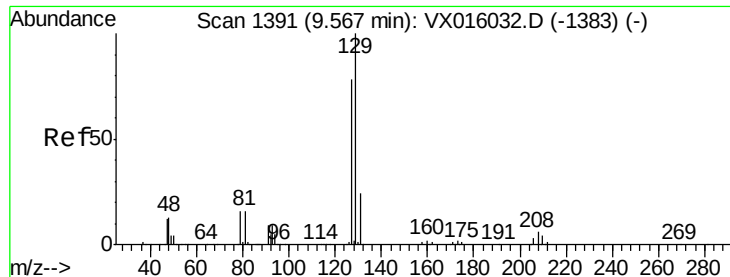
100000

0

8.60 8.65 8.70 8.75 8.80

Time-->





#60

Dibromochloromethane

Concen: 1.385 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

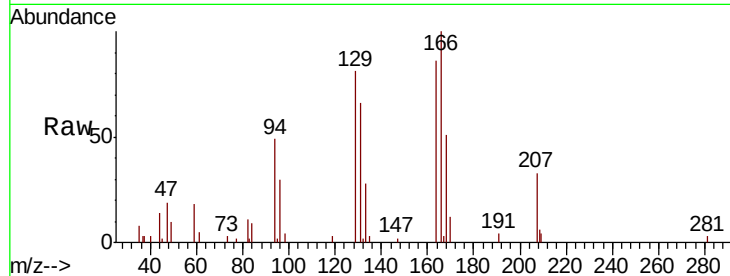
Z2-DUP-0559-200514

Tot Ion:129 Resp: 4313

Ion Ratio Lower Upper

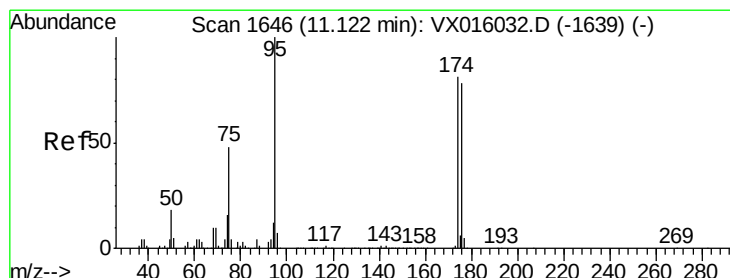
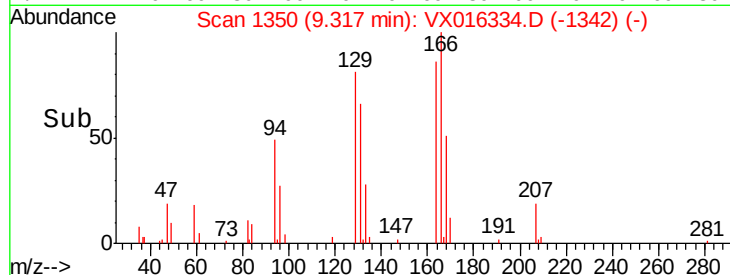
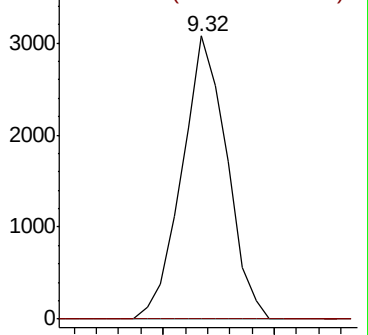
129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 52.843 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

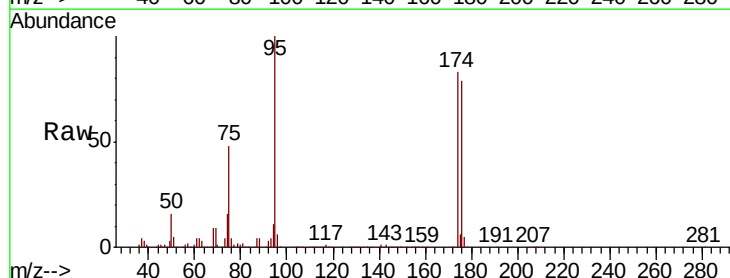
Tgt Ion: 95 Resp: 196366

Ion Ratio Lower Upper

95 100

174 81.8 0.0 159.4

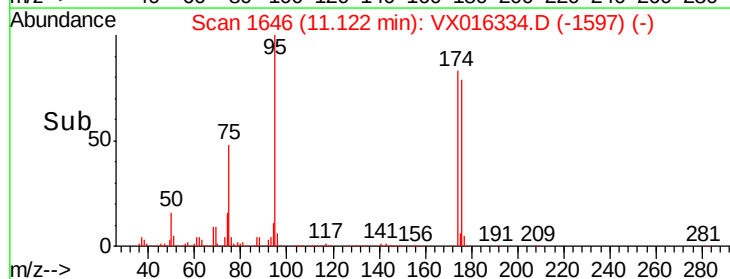
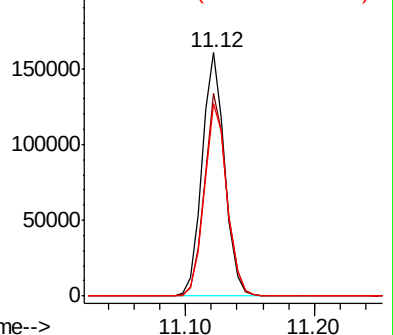
176 79.2 0.0 157.6

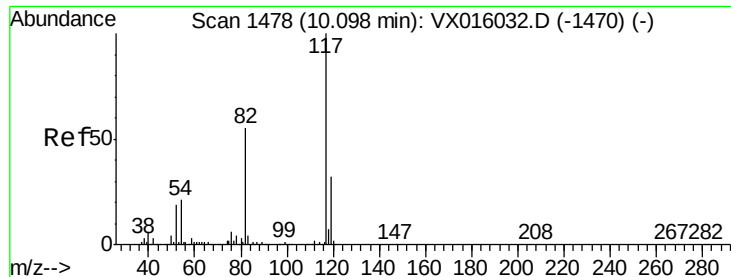


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

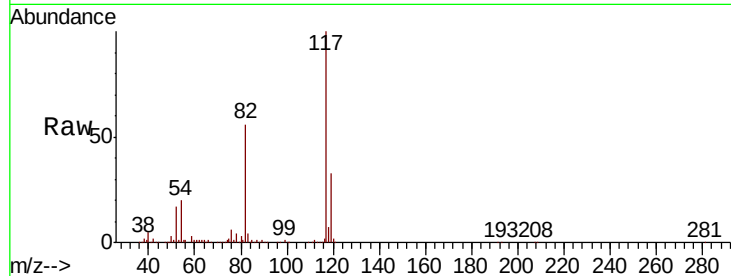




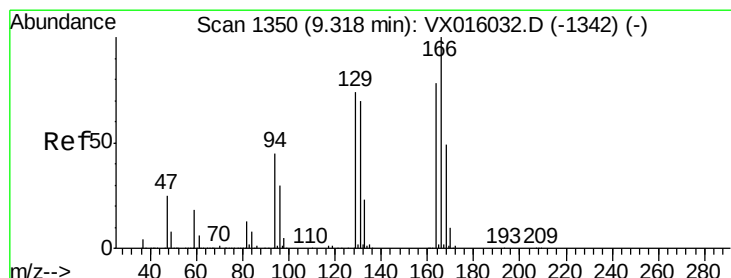
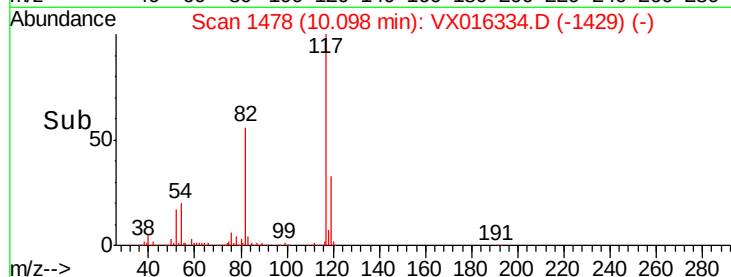
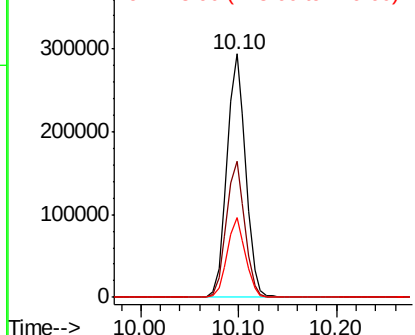
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tot Ion:117 Resp: 389674
Ion Ratio Lower Upper
117 100
82 56.0 44.4 66.6
119 32.9 25.5 38.3

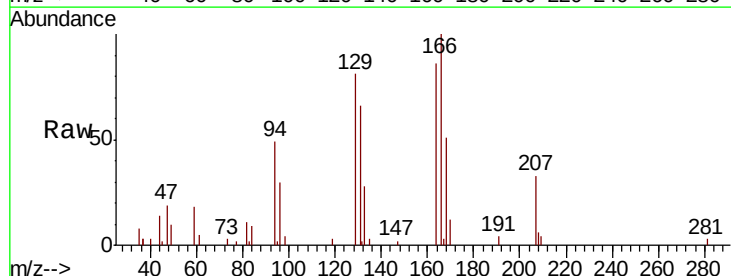


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

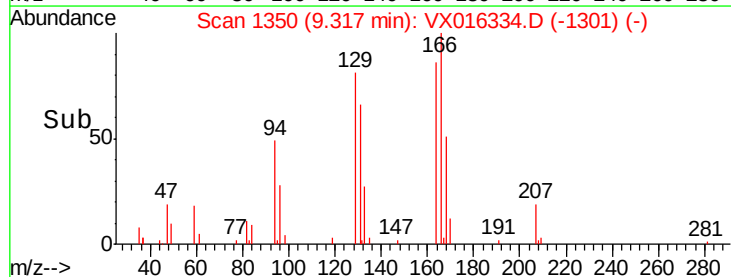
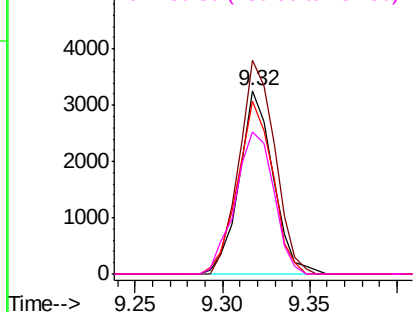


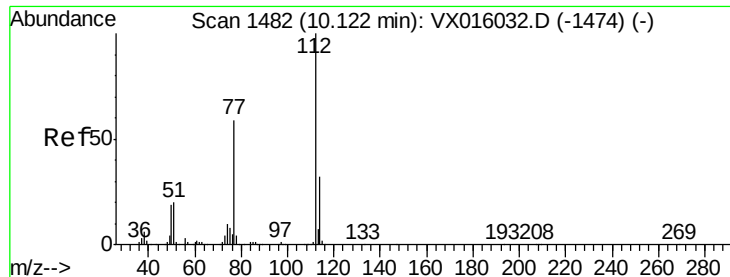
#64
Tetrachloroethene
Concen: 0.922 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion:164 Resp: 4411
Ion Ratio Lower Upper
164 100
166 116.5 102.9 154.3
129 94.4 76.1 114.1
131 77.5 71.9 107.9



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





#65

Chlorobenzene

Concen: 14.789 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

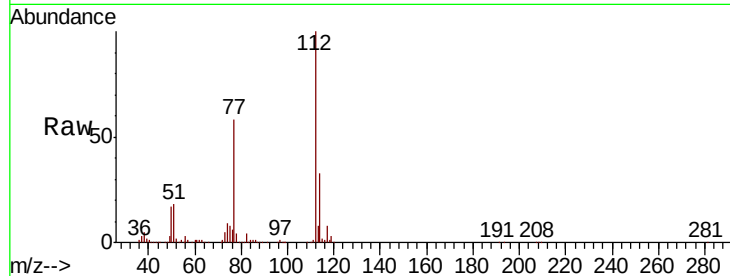
Z2-DUP-0559-200514

Tot Ion:112 Resp: 120665

Ion Ratio Lower Upper

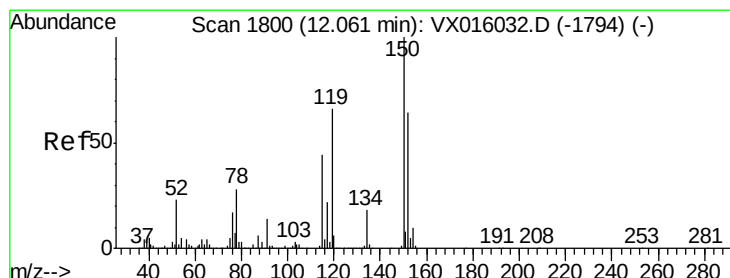
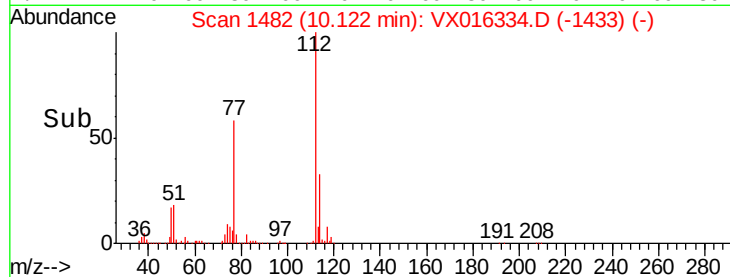
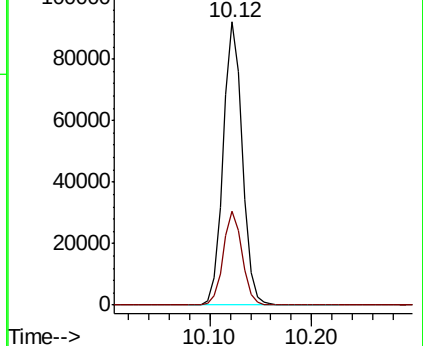
112 100

114 33.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

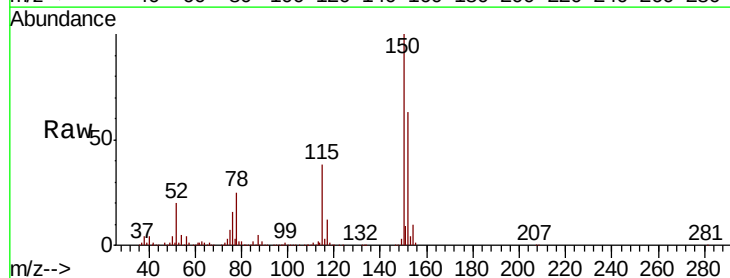
Tgt Ion:152 Resp: 199406

Ion Ratio Lower Upper

152 100

115 58.7 41.3 124.1

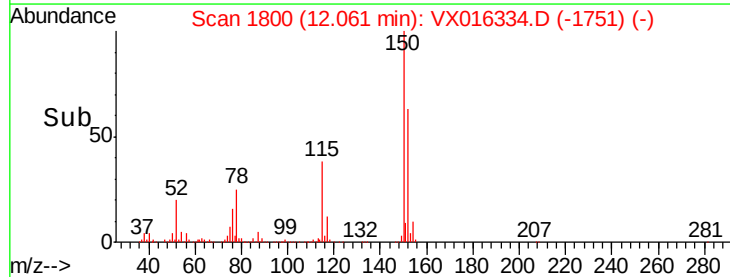
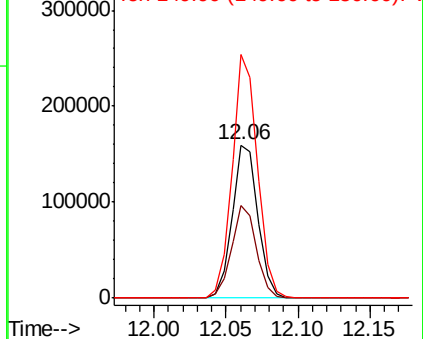
150 156.2 0.0 352.2

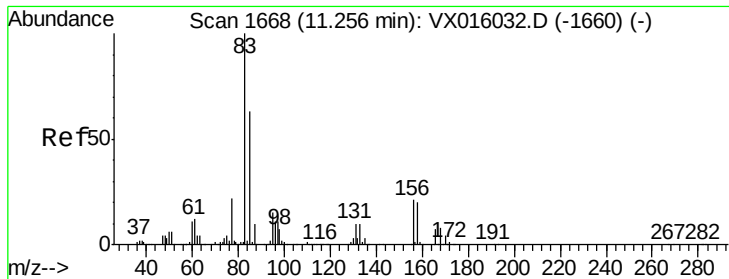


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: 2.094 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.13 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

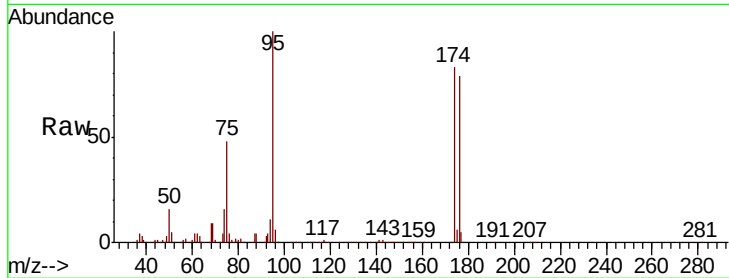
MSVOA_X

ClientSampleId :

Z2-DUP-0559-200514

Tot Ion: 83 Resp: 121

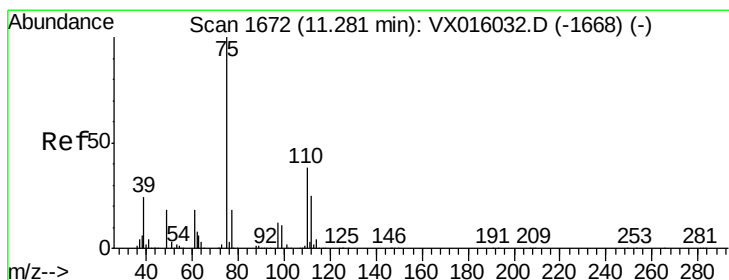
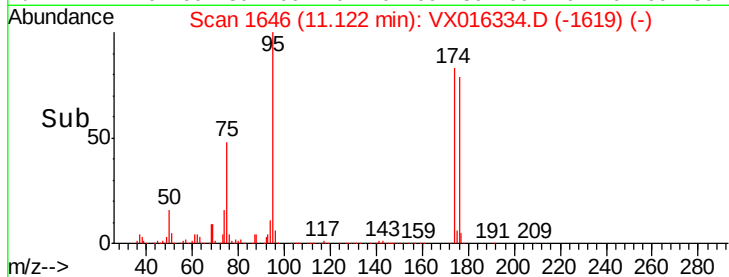
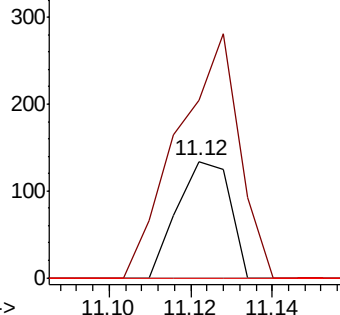
Ion	Ratio	Lower	Upper
83	100		
131	244.6	5.1	15.4#
85	0.0	32.0	96.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.897 ug/l

RT: 11.12 min Scan# 1646

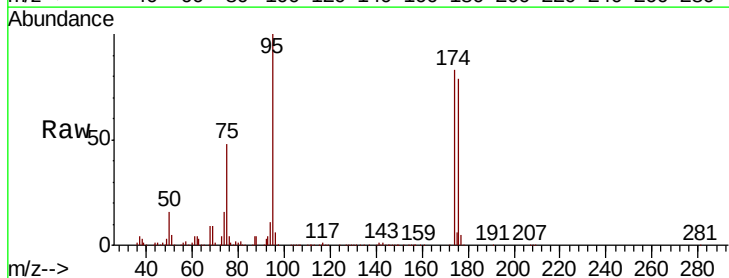
Delta R.T. -0.16 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

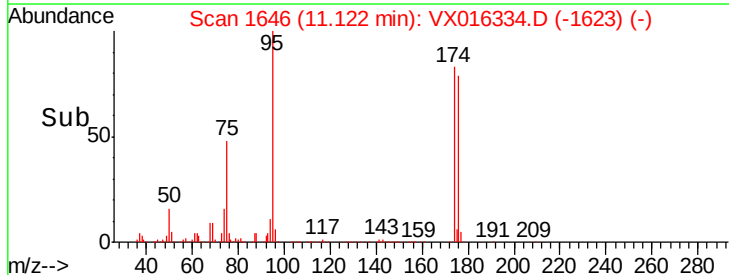
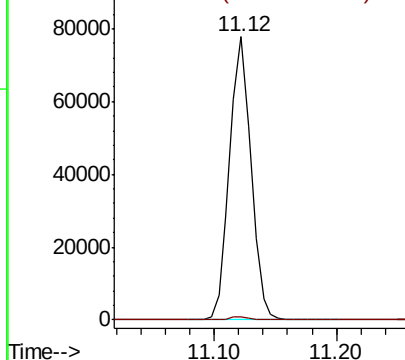
Tgt Ion: 75 Resp: 94557

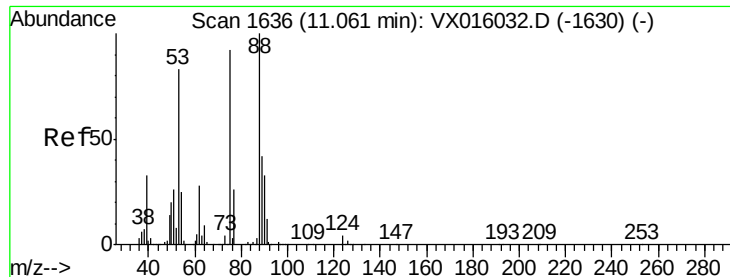
Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.2	63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.798 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0559-200514

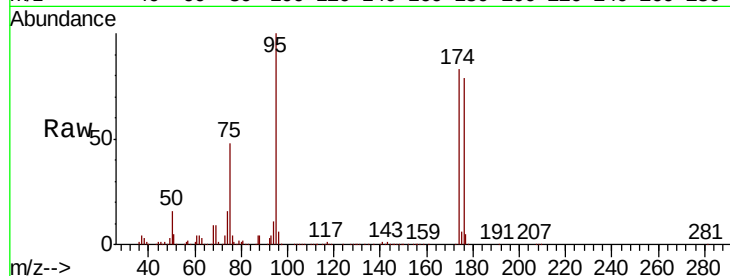
Tot Ion: 75 Resp: 94557

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

89 0.0 36.7 55.1#

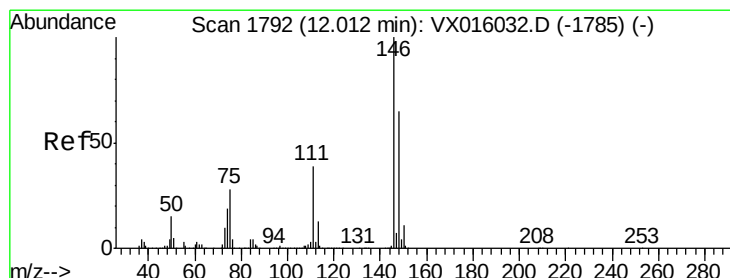
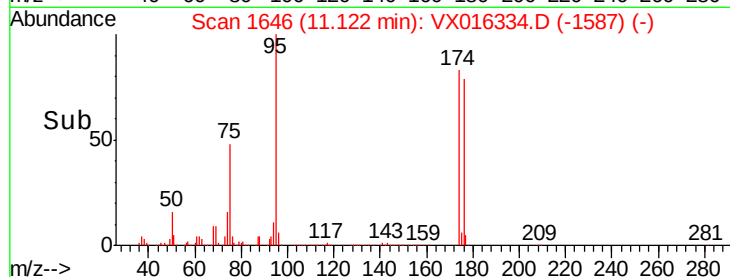
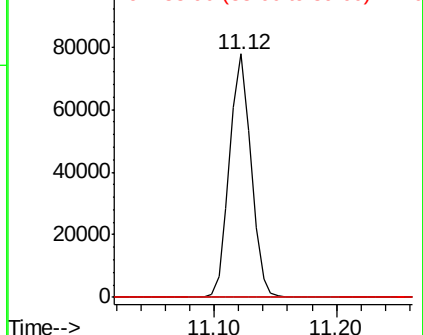


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#87

1,3-Dichlorobenzene

Concen: 0.413 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

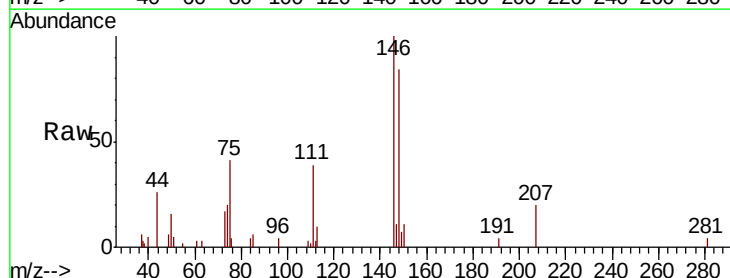
Tgt Ion: 146 Resp: 2774

Ion Ratio Lower Upper

146 100

111 41.2 20.2 60.6

148 71.7 32.1 96.3

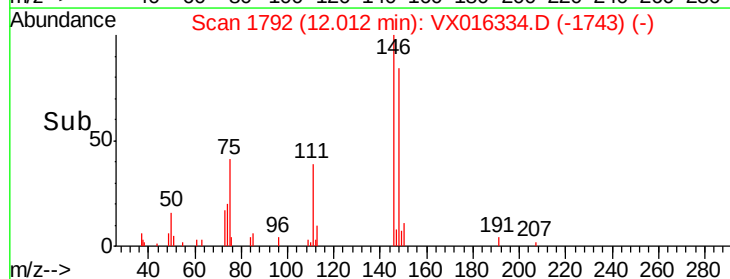
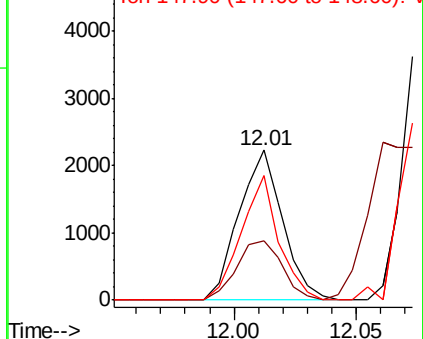


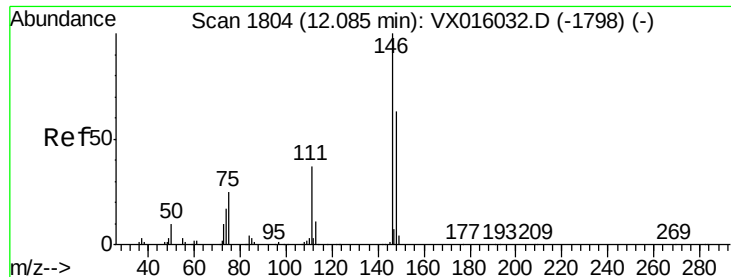
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.407 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0559-200514

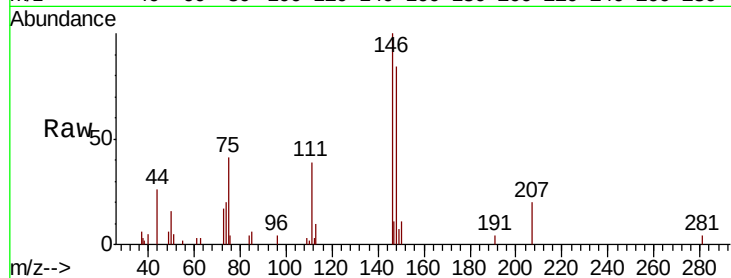
Tot Ion:146 Resp: 2774

Ion Ratio Lower Upper

146 100

111 41.2 19.6 58.7

148 71.7 31.8 95.3

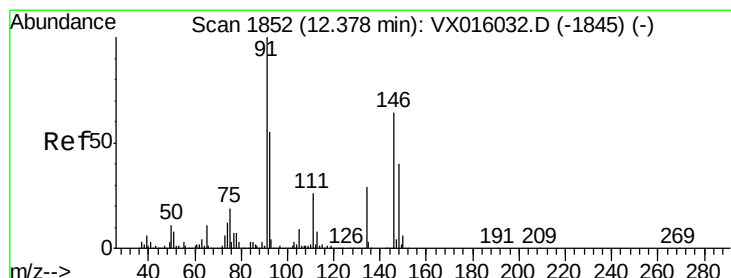
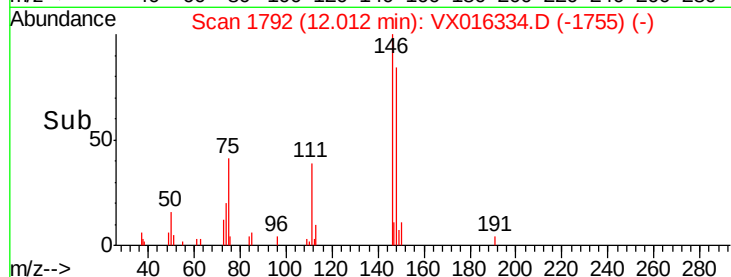
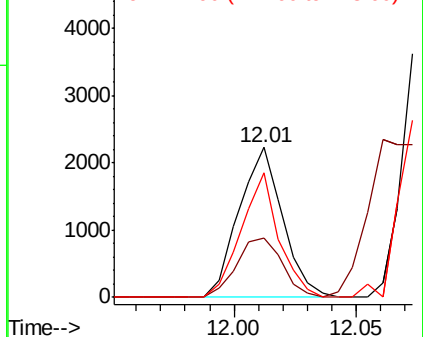


Abundance

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



#91

1,2-Dichlorobenzene

Concen: 1.557 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

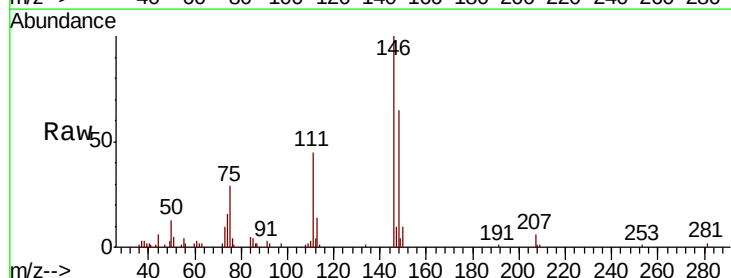
Tgt Ion:146 Resp: 10079

Ion Ratio Lower Upper

146 100

111 44.3 21.1 63.1

148 65.0 32.4 97.0

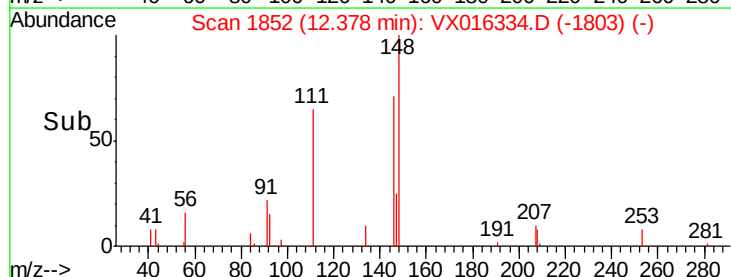
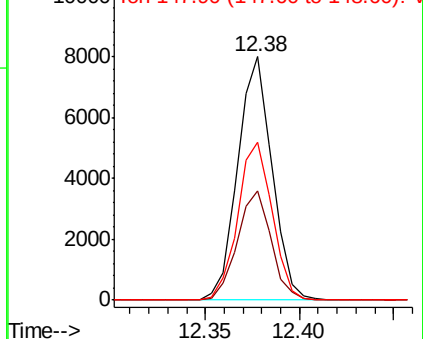


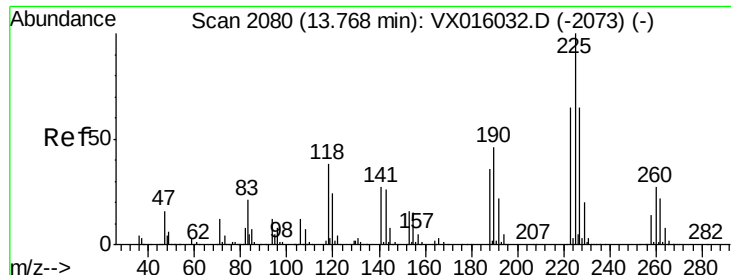
Abundance

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





#94

Hexachlorobutadiene

Concen: 0.533 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016334.D

Acq: 19 May 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0559-200514

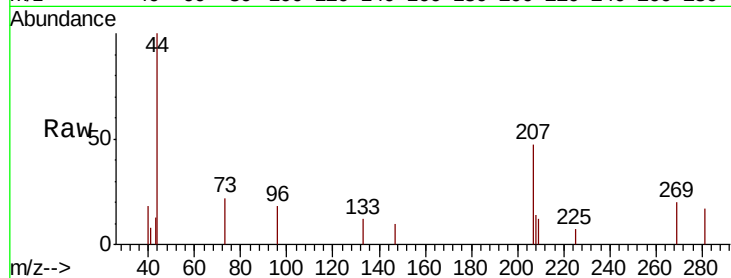
Tot Ion: 225 Resp: 19

Ion Ratio Lower Upper

225 100

223 0.0 32.3 96.9#

227 0.0 31.8 95.4#



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

